

reserves the right to request these services from other sources other than the successful vendor and shall not be in violation of any terms or conditions of said contract.

3. **Term.** This Contract shall be for a period of one (1) year(s), commencing on July 12, 2022 and expiring on July 11, 2023, unless sooner terminated. The term of this agreement may be extended at the County's sole discretion for one (1) additional one (1) year term(s) under the same rates, terms and conditions. Hidalgo County also reserves the right to continue this bid for an additional sixty (60) day grace period, under the same rates, terms, and conditions for the unforeseen delay in award of new bid for the next contract term.

4. **Services Performed.** The Company will not begin to work or incur costs until authorized in writing by the County with the release of an authorized Purchase Order. The Services by Company shall be of a professional standard, comply with any and all appropriate laws and regulations and Company shall devote such time as is necessary to safely and efficiently provide the same. County reserves the right to evaluate any services provided by the Company and to reject the same if not in compliance with the specifications as provided in Exhibits "A" and "B". If the County finds it necessary to require changes in the work provided because of errors made by the Company, the County shall require the Company to correct the work at no cost to the County and without amendment to the Agreement.

5. **Consideration.** As consideration for rendering the Service provided for in this Contract, the County agrees to pay Company the amounts specified in Exhibit "B", payable against written invoice submitted by Company in accordance with the Texas Prompt Payment Act, Tex. Govt. Code Ch. 2251.

6. **Licenses/Certifications.** As a condition of this Contract, Company shall hold and maintain throughout the term of this Contract all licenses and permits required, or which may be required by any authority, including the State of Texas, during the term hereof to provide the Services. Company further represents that it is qualified to perform and execute the services described above. If such license or permit is suspended or revoked, this Contract shall automatically be terminated and Company shall immediately notify the County. Company shall provide the County with all current state certifications, permits, and/or licenses with applicable seals, or as otherwise required by the State of Texas.

7. **Equipment.** If applicable, Company shall provide a sufficient number of trucks, vehicles, personnel and equipment available to safely and efficiently provide the Services. All trucks or vehicles operated by the Company to perform the Services shall contain all equipment required by any authority to operate on streets and roads and all persons in the employ of Company who operate such trucks or vehicles shall have the required licenses, qualifications, skill, and expertise to perform such Services and shall comply with all laws, rules, and regulations prescribed by any agency or authority having jurisdiction with regard to the operation of such trucks or vehicles in providing the Services. Company shall provide a sufficient number of trucks, vehicles, personnel, and equipment available to safely and efficiently provide the Services.

8. **Independent Contractor.** The Company must comply with all applicable Hidalgo County policies and with any applicable federal, state, or local laws, regulations, orders, or ordinances

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applicable to the Services provided by Company under this Agreement. Notwithstanding the foregoing sentence, Company represents and maintains that Company is an Independent Contractor and is not an employee of the County, or any agency thereof, and represents and warrants that Company does not desire or request any fringe benefits provided to employees of County, and/or any agency of the County, including but not limited to benefits associated with Hidalgo County's Civil Service Program. Company agrees to be responsible for any federal income tax, withholding or social security tax liability that might arise from payments received hereunder. Company will incur no financial obligation on behalf of the County without prior written approval of the County. Company will be responsible for all personal and professional expenses, including, but not limited to, membership fees and dues and expenses of attending conventions and meetings.

9. **Termination.** County may terminate this Agreement without cause upon thirty (30) days written notice.

10. **Non-Exclusive Services of Company.** Hidalgo County reserves the right to request this Product, Good and/or service from other sources other than the Company and shall not be in violation of any terms or conditions of this Agreement.

11. **Insurance.** Consistent with its status as an independent contractor and at its sole expense, Company agrees that throughout the duration of the work under this contract and any extension hereof, it shall provide and maintain any and all insurances and abide by any requirements which are specified in the Procurement Packet/Specifications and/or which may be necessary in providing Services or are otherwise required by law. Insurance policies shall cover, but are not limited to, Company's activities and all persons, vehicles, equipment and property connected with providing Services, to include theft or loss. The amount of insurance required shall be in accordance with amounts specified by the County or as prescribed by law, but in no event shall any amount be less than the minimum amounts prescribed by law, including, but not limited to the Texas Tort Claims Act. These requirements do not establish limits of Company's liability. Any and all applicable insurance requirements and amounts are incorporated herein by reference for all purposes. Company is responsible for ensuring all required insurance policies are valid for the duration of the contract. All insurance policies are to be issued by an insurance company authorized to do business in the State of Texas and acceptable to County. Company shall cause all subcontractors utilized by Company to also comply with these specifications. Company shall furnish to County certificate(s) of coverage, and all renewals throughout the duration of the Project, issued by the insurer that such insurance is in full force and effect. (See **Exhibit "C"** attached hereto and incorporated herein for all purposes). For each applicable policy, Company shall name the County as an additional insured. Company shall notify County a minimum of thirty (30) days in advance of cancellation of all or part of a policy. Company shall make any other insurance documentation available to County upon request. Company will be considered in breach of contract should the Company fail to maintain an insurance policy in the minimum limits of liability and requirements identified above while performing services for and under this Agreement, and will be subject to default and immediate termination of the Agreement. Additionally, Company covenants and agrees to use its best efforts to maintain an insurance policy in the minimum limits of liability and requirements identified above until one year following the conclusion of this Agreement.

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12. **INDEMNIFICATION.** COMPANY SHALL INDEMNIFY AND HOLD COUNTY, ITS ELECTED OFFICIALS, EMPLOYEES AND AGENTS HARMLESS FROM ANY AND ALL CLAIMS, ACTIONS, LIABILITY, DAMAGES, LOSSES AND EXPENSES (INCLUDING COSTS OF JUDGMENTS, SETTLEMENTS, COURT COSTS, AND ATTORNEYS' FEES, REGARDLESS OF THE OUTCOME OF SUCH CLAIM OR ACTION) CAUSED BY, RESULTING FROM, OR ALLEGING NEGLIGENT OR INTENTIONAL ACTS OR OMISSIONS OR ANY FAILURE TO PERFORM ANY OBLIGATION UNDERTAKEN OR ANY COVENANT IN THIS CONTRACT, WHETHER SUCH ACT, OMISSION, OR FAILURE WAS THE COMPANY'S OR THAT OF ANY PERSON PROVIDING SERVICES HEREUNDER THROUGH OR FOR THE COMPANY. UPON WRITTEN NOTICE FROM THE COUNTY, THE COMPANY WILL RESIST AND DEFEND AT ITS OWN EXPENSE, AND BY COUNSEL REASONABLY SATISFACTORY TO COUNTY, ANY SUCH CLAIM OR ACTION. THE COMPANY WILL CARRY PROPER INSURANCE WITH THE COUNTY AS AN ADDITIONAL NAMED INSURED. THIS INDEMNIFICATION CLAUSE SHALL SURVIVE THIS AGREEMENT AND BE ENFORCEABLE AS A SEPARATE AGREEMENT IN THE EVENT ITS SURVIVAL AND ENFORCEMENT BECOME NECESSARY.

13. **Notice.** Except as may be otherwise specifically provided in this Agreement, all notices, demands, requests, or communications required or permitted hereunder shall be in writing and shall either be (i) personally delivered against a written receipt, or (ii) sent by registered or certified mail, return receipt requested, postage prepaid and addressed to the parties at the addresses set forth below, or at such other addresses as may have been theretofore specified by written notice delivered in accordance herewith:

If to County: The County of Hidalgo
 Attn: County Judge
 100 E. Cano, 2nd Floor
 Edinburg, Texas 78539

CC: Precinct No. 1
 Attn: David L. Fuentes, Commissioner
 Address: 1902 Joe Stephens, Ste. 101
 Weslaco, Texas 78599

If to Company: Eco Illumination, LLC
 Attn: Javier Barbosa
 Address: 1209 S 10th Suite # A-741
 McAllen, Texas 78501-5059

Each notice, demand, request, or communication which shall be delivered or mailed in the manner described above shall be deemed sufficiently given for all purposes at such time as it is personally delivered to the addresses or if mailed at such time as it is deposited in the United States mail.

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14. **GENERAL PROVISIONS.**

- a. **Assignment.** Except as otherwise herein provided, Company shall not assign the obligations or rights under this Agreement to any person without the prior written consent of County.
- b. **Conflict with Applicable Laws.** Nothing in this Agreement shall be construed so as to require the commission of any act contrary to law, and whenever there is any conflict between any provision of this Agreement and any present or future law, ordinance or administrative, executive or judicial regulation, order or decree, or amendment thereof, contrary to which the parties have no legal right to contract, the latter shall prevail, but in such event, the affected provision or provisions of this Agreement shall be modified only to the extent necessary to bring them within the legal requirements and only during the time such conflict exists. In case any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.
- c. **No Waiver.** No waiver by County of any breach of any provision of this Agreement shall be deemed to be a waiver of any preceding or succeeding breach of the same or any other provision hereof.
- d. **Governing Law.** This Agreement shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Hidalgo County, Texas. The Company hereby consents to personal jurisdiction in Hidalgo County, Texas.
- e. **Successors.** This Agreement shall be binding upon and inure to the benefit of and be enforceable by the parties hereto and their respective heirs, executors, administrators, legal representatives, successors, and assigns where permitted by this Agreement.
- f. **Commitment of Current Revenues Only.** In the event that, during any term hereof, the Commissioners Court does not appropriate sufficient funds to meet the obligations of County under this Agreement, County may terminate this Agreement upon ninety (90) days written notice to Company. County agrees, however, to use reasonable efforts to secure funds necessary for the continued performance of this Agreement. The parties intend this provision to be a continuing right to terminate this Agreement at the expiration of each budget period of County. *Agreements for the acquisition, including lease of real or personal property under Tex. Loc. Govt. Code §271.903:* In the event that, during any term hereof, the Commissioner's Court does not appropriate sufficient funds to meet the obligations of County under this Agreement, County may terminate this Agreement upon ninety (90) days written notice to Company, County agrees, however, to use a best efforts attempt to obtain and appropriate funds for payment of the Agreement. The parties intend this provision, if applicable, to be a continuing right to terminate this at the expiration of each budget period of County in accordance with the Texas Local Government Code.

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- g. **Immunities.** Nothing in this Agreement is intended to and County does not hereby waive, release or relinquish any right to assert any of the defenses County enjoys by virtue of the state or federal constitution, laws, rules or regulations, and any sovereign, official or qualified immunity available to County as to any claim or action of any person, entity, or individual against County.
- h. **Headings.** The headings and captions contained in this Agreement are solely for convenient reference and shall not be deemed to affect the meaning or interpretation of any provision or paragraph hereof.
- i. **Gender and Number.** All pronouns used in this Agreement shall include the other gender, whether used in the masculine, feminine or neuter gender, and the singular shall include the plural whenever and as often as may be appropriate.
- j. **Entire Agreement.** This Agreement contains the entire agreement between the parties hereto, and each party acknowledges that neither has made (either directly or through any agent or representative) any representations or agreements in connection with this Agreement not specifically set forth herein. This Agreement may be modified or amended only by an agreement in writing executed by County and Company, and not otherwise.
- k. **Purchasing Ethics.** Company represents and warrants it has not, during the process of being awarded this contract violated the following ethical standards of County and, upon and after the execution of this Agreement, agrees to abide by the following ethical standards of County:
 - 1. It shall be a breach of ethics to offer, give or agree to give any elected official, department head or employee, or former elected official, department head or employee, of County, or for any elected official, department head or employee or former elected official, department head or employee of County, to solicit, demand, accept or agree to accept from another person, entity or organization, a gratuity or an office of employment in connection with any decision, approval, disapproval, recommendation, preparation or any part of a program requirement or purchase request, influencing the content of any specification or procurement standard, rendering of advise, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefore pending before any department or agency of County.
 - 2. It shall be a breach of ethics for any payment, gratuity or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor for any contract for County, or any person associated therewith, as an inducement for the award of a subcontract or order.
- a. **Void Contract.** Company understands that an awarded contract may immediately become void if the County determines that a lack of compliance with applicable policies and/or statutes has occurred in the procurement process.

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- b. **Nondiscrimination.** Company, including subcontractors, assignees and successors in interest, ensures that no person shall on the grounds of race, religion, color, national origin, sex, age, or disability, or any other protected class under law, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation in any federally or non-federally funded program or activity when providing any services described herein under this contract/agreement. Applicable nondiscrimination statements and provisions of Title VI of the Civil Rights Act of 1964, as amended, were provided as part of the initial procurement packet and are incorporated herein and made a part of this agreement for all purposes.
- c. **Additional Documents.** The parties hereto covenant and agree that they will execute each such other and further instruments and documents as are or may become necessary or convenient to effectuate and carry out the terms of this Agreement.
- d. **Required Contract Provision for Contracts Subject to Federal Award (if applicable).** Pursuant to 2 CFR 200.327, a non-federal entity's contracts must contain the applicable provisions described in appendix II to 2 CFR 200-Contract Provisions for non-Federal Entity Contracts under Federal Awards. Additionally, County contracts under Federal award which are subject to assistance from the Federal Emergency Management Agency (FEMA) are also required to contain additional contract clauses. The applicable required contract clauses were provided as part of the initial procurement packet and are incorporated herein and made part of this agreement for all purposes.
- e. **Authority to Execute.** The execution and performance of this Agreement by County and Company have been duly authorized by all necessary laws, resolutions, or corporate action, and this Agreement constitutes the valid and enforceable obligations of County and Company in accordance with its terms.

[SIGNATURE PAGE TO FOLLOW]

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EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS' COURT ON July 12, 2022.

Agenda Item No. 86497

Executive Office: _____

VENDOR:

ECO ILLUMINATION, LLC

COUNTY:

COUNTY OF HIDALGO

Javier Barbosa

Hon. Richard F. Cortez, County Judge

APPROVED AS TO FORM

Office of the Criminal District Attorney,
Ricardo Rodriguez, Jr.

ATTEST:

Amanda Diane Austin, ADA

Arturo Guajardo, Jr., County Clerk

ATTACHMENTS:

- A. REQUEST FOR BIDS (RFB)
PROCUREMENT PACKET**
- B. RESPONSE**
- C. CERTIFICATE OF INSURANCE**

SUPPLEMENTAL SIGNATURES:

(If Applicable)

(HCDA 06-20-22)



EXHIBIT "A"

REQUEST FOR BIDS (RFB) PROCUREMENT PACKAGE



2812 S. Bus. Hwy 281
Edinburg, Texas 78539
Phone: (956) 318-2626
Fax: (956) 318-2629
www.co.hidalgo.tx.us/purchasing

June 22, 2022

RE: **ADDENDUM NO. 3**
For RFB NO. 22-0244-06-22-HAG
"Hargill Solar Lights Project"

Dear Respondents:

Attached you will find **ADDENDUM NO. 3**, in connection with Hidalgo County's Request for Bids for the "**Hargill Solar Lights Project**".

If you do not receive all items listed in **ADDENDUM NO. 3** please notify us immediately via email at hector.garcia1@co.hidalgo.tx.us, or by phone at (956) 318-2626, ext. 4857.

A submission response to this solicitation may be **deemed incomplete** without the acknowledgement of this **ADDENDUM NO. 3** signed and returned as part of your submission.

Thank you for your prompt attention to this matter.

A handwritten signature in cursive script that reads "E. Belmarez".

Eduardo Belmarez, MBA, CPM
Hidalgo County Purchasing Director

ADDENDUM NO. 3

RFB NO. 22-0244-06-22-HAG “Hargill Solar Lights Project”

PLEASE NOTE THE FOLLOWING CHANGES:

- Questions and Answers are attached herein.
- Addenda No.1 to Engineer plans and specifications is attached herein.
- Appendix “B”- Bid Page, has been revised and is attached herein.

Below are the responses to all submitted written inquiries made on or before 5:00pm on June 14, 2022:

Question 1: Do you have a specific supplier/light in mind for this project?

- a. No specific supplier. Brands and model numbers have been referenced within specifications only for the purpose of establishing a quality of product. Contact ERT Lighting for basis of design.

Question 2: Do you know of any specific lighting requirements we have to meet?

- a. Minimum 7,000 Lumens, 20ft tapered pole above grade. Must comply or exceed specifications. See Addenda No.1 to plans and specifications attached.

Question 3: Estimated Cost Range?

- a. No estimated cost has been established.

Question 4: Have any addenda been issued for this project?

- a. Addendum No.1, No.2 & No.3 have been issued.

Question 5: Is 4000k color temperature acceptable?

- a. Yes

Question 6: Some all-in-one products use a high blue light color temperature of 5700k due to low cost of manufacturing, but is harmful for the human eye. Will this color temperature be omitted from acceptance?

- a. 4000k-5700k will be accepted

Question 7: Required warranty is 5 years – is this a non-pro rated, full replacement warranty?

- a. 5 year manufacturer warranty on parts only.

Question 8: Is the 5 year warranty requirement for both parts and labor, or parts only?

- a. Parts only.

Question 9: Will you accept contractors to submit bid proposals which include in their bid package both all-in-one products and also solar lighting systems that are not all-in-one, but are more infrastructure grade?

- a. Only all-in-one products will be accepted.

Question 10: One of the mentioned all-in-one products in spec runs at 10W, 1000 lumens any time there is not motion detected. For safety and to meet IES recommendations, Even the lowest output intersection light has a minimum sustained output of 3500 lumens – do you want to have a minimum sustained lumen output?

- a. Yes. 4-12 hours, 100% illuminance.

Question 11: Motion is not recommended for street lighting because: a) a car's rate of speed makes it pass the motion detector before it turns on, even at slow speeds; b) motion distance detection is not great enough for street use; c) motion detectors are a very high point of failure device, also negatively effecting system performance – do you want to omit motion from the specification and if not, will you accept proposals without motion sensing but dimming?

a. We want to have to high light output for as long as possible.

Question 12: Specifications reference wood poles, Gray metal poles. Specification reference a couple different pole heights – what will be required for pole material and pole height?

a. Timber poles will not be accepted. General note on S2.0 will be removed. Pole needs to match the specification.

Question 13: Would you please confirm quantity of lights?

a. 64 lights. Contractor is responsible for verifying counts.

Question 14: Can you please confirm you allow us to bid with this Spec? Fonroche products are not “All In One” but infrastructure grade Solar Smartlights.

a. Light pole height is not acceptable. Must meet plans and specifications.

*Contact ERT Lighting to discuss lighting requirement using Fonroche lighting.

Question 15: Are we able to submit a bid for the installation only plus the concrete? Or do we need to supply poles and lights too?

a. This is a turnkey bid, All proposed pricing shall be inclusive of all shipping, labor, equipment, fuel, and associated costs.

I acknowledge receipt of ADDENDUM NO. 3 dated, June 22, 2022, for the Request for Bids for the Hargill Solar Lights Project.

BY: _____

Signature

Print Name: _____

Company Name: _____

Date: _____



RO ENGINEERING, PLLC

Engineering & Construction Management
www.ro-engineering.com

2705 E. Davis Rd.
Edinburg, TX 78540
(956) 292-3336
r.olivarez@ro-engineering.com

ADDENDA NO. 01

Date: June 22, 2022

Project Name: Hargill Solar Lights Project

Subject: Addenda No. 01

Project No.: PCT1: RFB No. 22-0244-06-22-HAG
ROE: 2122



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY
RENE R. OLIVAREZ, P.E. 102302
DATED 6.17.2022

NOTICE TO PROPOSERS

- A. Receipt of this Addendum shall be acknowledged on the Proposal Form.
- B. This Addendum forms part of the Contract documents for the above referenced project and shall be incorporated integrally therewith.
- C. Each proposer shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarifications, and supplemental data included therein. Where provisions of the following supplemental data differ from those of the original Contract Documents, this Addendum shall govern.
- D. This addendum is generally separated into sections for convenience; however, all contractors, subcontractors, material men and other parties shall be responsible for reading the entire addendum. The failure to list an item or items in all affected sections of this addendum does not relieve any party affected from performing as per instructions, providing that the information is set forth one time in this addendum.

See Addendum items below:

Item 1 Specification

Added lighting manufacturer to Exterior LED Lighting spec 26 56 19.

Section 2.4 Acceptable Manufactures: 7517, Sonaray, Sunbrite Solar Kit www.sonarayled.com Contact: Mike Canales (956) 432 – 4885.

Item 2 S2.0 General Note Revision

Removed general notes that do not pertain to solar lights.

Item 3 S2.0 Direct Burial Pole Detail

Added detail for direct burial pole. Updated base plate mounted pole model for new luminaire type.

Item 4 C-0 Pole alternates

Updated Keyed notes #2 & #4. Updated light fixture and pole model numbers. Added Alternates #1 and #2. Alternate #1: Provide light fixture mounted on tapered pole equal to RTA20D8B4 manufactured by Hapco on helical anchor per detail 1/S2.0.

Alternate #2: Provide light fixture mounted on direct burial tapered pole equal to RTA20D8BE manufactured by Hapco per detail 4/S2.0.

Item 5 C-0 Light fixture schedule

Added light fixture schedule.

Item 6 Response to Questions

See response to questions on the pre-bid meeting.

ADDENDA

A. The following Addenda has been received. The modifications to the Proposal Documents noted below have been considered and all costs are included in the Proposal Sum.

1. ___ Addendum # 1 Dated _____.

By signing below, I acknowledge receipt of all addendums.

SIGNATURE: _____ **DATE:** _____

- K. Nominal Operating Voltage: [**12-24V**].
- L. In-line Fusing: [**On the primary for each luminaire**].
- M. Lamp Rating: Lamp marked for [**outdoor use**].
- N. Source Limitations: Obtain luminaires from single source from a single manufacturer.
- O. Source Limitations: For luminaires, obtain each color, grade, finish, type, and variety of luminaire from single source with resources to provide products of consistent quality in appearance and physical properties.

2.3 LUMINAIRE-MOUNTED PHOTOELECTRIC RELAYS

- A. <Double click here to find, evaluate, and insert list of manufacturers and products.>
- B. Comply with UL 773 or UL 773A.
- C. Contact Relays: Factory mounted, single throw, designed to fail in the on position, and factory set to turn light unit on at 1.5 to 3 fc (16 to 32 lx) and off at 4.5 to 10 fc (48 to 108 lx) with 15-second minimum time delay. [**Relay shall have directional lens in front of photocell to prevent artificial light sources from causing false turnoff.**]
 - 1. Relay with locking-type receptacle shall comply with ANSI C136.10.
 - 2. Adjustable window slide for adjusting on-off set points.

2.4 LUMINAIRE TYPES

- 1. Acceptable Manufactures:
 - a) Visionaire Lighting <https://visionairelighting.com/> Contact: Rick Purdy (210) 930 - 7517
 - b) SolarOne® Solutions Inc : www.solarone.net Contact: Mike Canales (956) 432 - 4885
 - c) **Sonaray Sunbrite Solar Kit www.sonarayled.com Contact: Mike Canales (956) 432 - 4885**
 - d) Fonroche Lighting America www.FonrocheSolarLighting.com Contact: Mike Canales (956) 432 – 4885
 - e) Jianmen Wonon Optp- Electronic Technology Co., Ltd www.wononlighting.com Contact: Nancy Wang +86–750-3987392
 - f) Substitutions shall be provided to the engineer 10 days prior to bid.
- 2. Luminaire-Mounting Height: **<Insert height of luminaire from finished grade>**.
- 3. Mounting Type: [**Slip-Fitter Mount**].
- 4. Distribution: [**Type III**].
- 5. Diffusers and Globes: [**Clear polycarbonate**].
- 6. Housings:
 - a. [**Extruded-aluminum**] housing and heat sink.
 - b. [**powder-coat**] finish.

5. WHEN USED, PROVIDE SCREW-IN TYPE ANCHOR FOUNDATIONS AS SHOWN ON TXDOT'S MATERIAL PRODUCER LIST (MPL) IN THE FILE "HIGHWAY TRAFFIC SIGNALS".
6. ~~PROVIDE CLEARANCE AS SHOWN ABOVE THE SIDEWALK OR PAVEMENT GRADE AT THE EDGE OF THE ROAD. WHEN A BOTTOM BEACON IS NOT USED, MOUNT THE BOTTOM OF THE SIGN AT LEAST 7 FT. ABOVE THE SIDEWALK OR PAVEMENT GRADE AT THE EDGE OF THE ROAD.~~
7. ~~PROVIDE 20' IN LENGTH ANSI CLASS 5 TIMBER STEEL POWDER COATED POLES. INSTALL POLE AS SHOWN OR AT THE EDGE OF BEACON ASSEMBLIES".~~
8. USE MATERIALS SPECIFICALLY DESIGNED FOR ATTACHING CABINETS, BEACON HEADS, SOLAR PANELS, ETC., TO POLES.
9. CONDUIT IN FOUNDATION AND WITHIN 6 IN. OF FOUNDATION IS SUBSIDIARY TO THE ITEM 685,ROADSIDE FLASHING BEACON ASSEMBLIES".
10. PER MANUFACTURER'S RECOMMENDATIONS, ENGAGE ALL THREADS ON THE PEDESTAL POLE BASE AND PIPE UNLESS THE PIPE IS FULLY SEATED INTO BASE. IN HIGH WINDS, USE A POLE AND BASE COLLAR ASSEMBLY TO ADD STRENGTH AND PREVENT LOOSENING ON CONNECTION.
11. INSTALL ~~BEACON~~ LIGHT FIXTURE HEADS AS SHOWN HERE, AS SHOWN ELSEWHERE ON THE PLANS, OR AS DIRECTED. USE HARDWARE SPECIFICALLY DESIGNED FOR MOUNTING BEACON HEADS ON POLES.
12. ~~INSTALL TYPE LB CONDUIT BODY ATTACHMENT IN THE BOTTOM THIRD OF THE BACK OF THE CABINET.~~
13. PROVIDE SINGLE POLE NON-FUSED WATERTIGHT BREAKAWAY ELECTRICAL CONNECTORS FOR FRANGIBLE PEDESTAL POLE BASES, AS SHOWN ON TXDOT'S MPL IN THE FILE "ROADWAY ILLUMINATION AND ELECTRICAL SUPPLIES". APPROVED MODELS ARE LISTED UNDER ITEM 685. FOR UNGROUNDED (HOT) CONDUCTORS, INSTALL A BREAKAWAY CONNECTOR WITH A DUMMY FUSE (SLUG). FOR GROUNDED (NEUTRAL) CONDUCTORS, INSTALL A BREAKAWAY CONNECTOR WITH A WHITE COLORED MARKING AND A PERMANENTLY INSTALLED DUMMY FUSE (SLUG).
14. ~~INSTALL THE BATTERIES IN A BATTERY BOX. PLACE THE BATTERIES ON A 3/16" THICK PLASTIC SHEET AND CONNECT TOGETHER. PLACE A PLASTIC COVER (BATTERY BELL JAR) OVER THE TOP OF EACH BATTERY AND SECURE THE BATTERY BELL JAR TO THE BATTERY WITH A STRAP. THE BATTERIES, BELL JARS, STRAPS AND 3/16" PLASTIC SHEET ARE SUBSIDIARY TO THE ITEM 685, "ROADSIDE FLASHING BEACON ASSEMBLIES". WHEN REQUIRED, INSTALL BATTERIES IN THE FLASHER CABINET. WIRE BATTERIES ACCORDING TO MANUFACTURERS RECOMMENDATIONS. PROVIDE THE NUMBER OF BATTERIES AS REQUIRED BY THE MANUFACTURER.~~
15. ~~SEE STANDARD SHEET ELECTRICAL DETAILS (ED) FOR ADDITIONAL REQUIREMENTS REGARDING THE INSTALLATION OF GROUND BOXES/BATTERY BOXES, CONDUIT, AND CABINETS.~~
16. ~~UNLESS OTHERWISE SHOWN ON THE PLANS OR RECOMMENDED BY THE MANUFACTURER, USE THE FOLLOWING TABLE TO DETERMINE THE WIRE SIZE FROM CABINET TO BEACONS.~~
17. ~~UNLESS OTHERWISE SHOWN ON THE PLANS, POLE SHAFT SHALL BE ONE PIECE, SCHEDULE 40 ALUMINUM PIPE, ASTM B429 OR B221 (ALLOY 6061-T6 ONLY). ALUMINUM CONDUIT WILL NOT DEVELOP THE NECESSARY STRENGTH AND WILL NOT BE ALLOWED.~~
18. ORIENT SOLAR PANEL FOR OPTIMUM EXPOSURE TO SUNLIGHT (FACE TO THE SOUTH). PRIOR TO INSTALLATION, CHECK THE LOCATION TO ENSURE THERE IS NO OVERHEAD OBSTRUCTION THAT WOULD BLOCK THE SOLAR PANEL FROM RECEIVING FULL SUNLIGHT. UNLESS SPECIFIED ELSEWHERE, MOUNT A MINIMUM OF 14' ABOVE GRADE.
19. ~~ENSURE HEIGHT OF CONDUIT IS BELOW TOP OF ANCHOR BOLTS.~~

1

RO ENGINEERING, PLLC
 ENGINEERING & CONSTRUCTION MANAGEMENT
 2705 E. Davis Rd., Suite A
 Edinburg, Texas 78540
www.ro-engineering.com
 o. 956.513.1849

Service Contract No. C-22-0244-07-12
 HCTX & Eco Illumination, LLC

PROJECT:

DBR PROJECT NO: 2122

HIDALGO COUNTY PCT 1
 SOLAR LIGHTING, HARGILL, TX

DWG. REF.

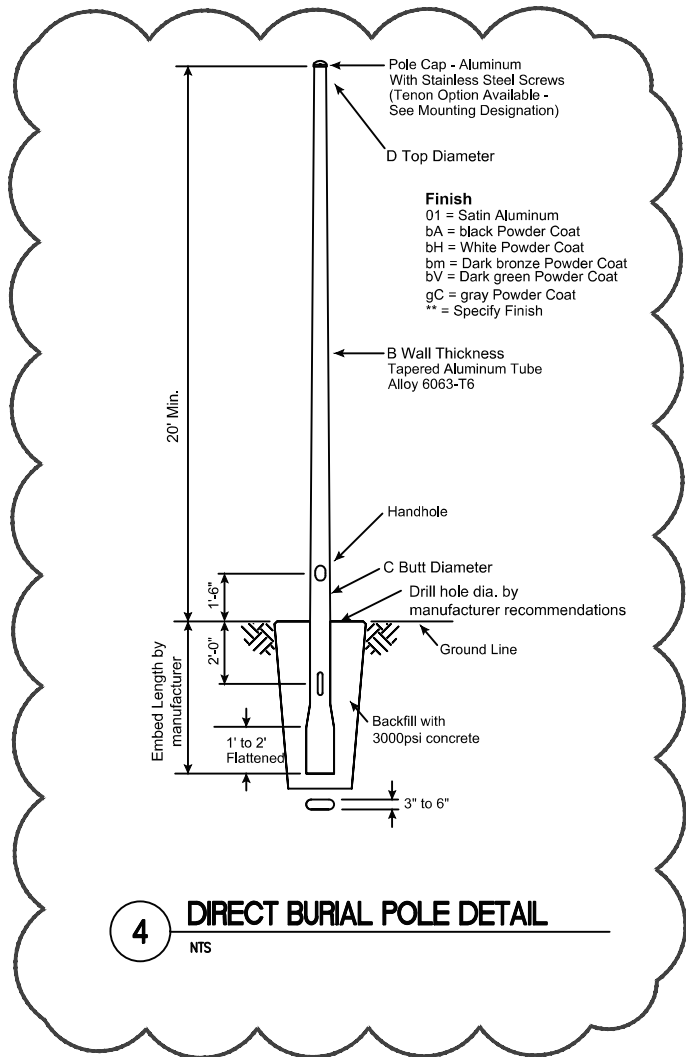
S2.0

DATE: 06/17/22

CHECKED BY: R.O.

DRAWN BY: RQE
 16 of 168

RE: ADDENDUM #1



4 DIRECT BURIAL POLE DETAIL
NTS



RO ENGINEERING, PLLC
ENGINEERING & CONSTRUCTION MANAGEMENT
2705 E. Davis Rd., Suite A
Edinburg, Texas 78540
www.ro-engineering.com
o. 956.513.1849

Service Contract No. C-22-0244-07-12
HCTX & Eco Illumination, LLC

PROJECT: HIDALGO COUNTY PCT 1
SOLAR LIGHTING, HARGILL, TX

DBR PROJECT NO: 2122

DWG. REF.
S2.0

DATE: 06/22/22

CHECKED BY: R.O.

DRAWN BY: ROE
17 of 168

RE: ADDENDUM #1

KEYED NOTES:

(APPLIES TO ALL SHEETS)

1 SHOWS EXISTING FIBER OPTIC LINES LOCATED BY VALLEY TELEPHONE. CONTRACTOR TO CONTACT DIG TEST (811) PRIOR TO DIGGING TO LOCATE ALL EXISTING UTILITY LINES.

2 FURNISH AND INSTALL NEW SOLAR LIGHT FIXTURE MODEL SR3080-L-T3-7-40-DB-L MANUFACTURED BY SONARAY OR EQUAL. MOUNT ON A TAPERED POLE 20FT MIN. FROM GRADE, MODEL EQUAL TO RTA20D8B4 MANUFACTURED BY HAPCO. MOUNT FIXTURE WITH ARM 2'-2-3/8" OD. PROVIDE STRUCTURAL ANALYSES BY POLE MANUFACTURER WITH SUBMITTALS.

3 CONTRACTOR SHALL PLACE LIGHT POLES AWAY FROM EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR MAKING NECESSARY REPAIRS ON ANY DAMAGED UTILITY LINES. REFER TO SHEET SL1.0 FOR PROPOSED LOCATION OF LIGHT POLES.

4 INSTALL LIGHT POLE FOUNDATION AT EACH LOCATION AS SHOWN. CONTRACTOR SHALL INSTALL FOUNDATION IN ACCORDANCE TO DETAILS 2/S2.0 FOR BASE BID. PROVIDE HELICAL ANCHOR PER DETAIL 1/S2.0 FOR ALTERNATE#1, PROVIDE DIRECT BURIAL POLE PER DETAIL 4/2.0. FOR ALTERNATE#2.

5 CONTRACTOR SHALL PROVIDE BREAKAWAY CONNECTIONS AT ALL TXDOT ROADS. REFER TO DETAILS 3/S2.0.

ALTERNATES #1: PROVIDE LIGHT FIXTURE MOUNTED ON TAPERED POLE EQUAL TO MODEL EQUAL TO RTA20D8B4 MANUFACTURED BY HAPCO ON HELICAL ANCHOR FOUNDATION PER DETAIL 1/S2.0.

ALTERNATES #2: PROVIDE LIGHT FIXTURE MOUNTED ON DIRECT BURIAL POLE EQUAL TO RTA20D8BE MANUFACTURED BY HAPCO PER DETAIL 4/S2.0.

LIGHT FIXTURE SCHEDULE

TYPE	MANUF.	CATALOG No.	MOUNTING	CCT	LUMENS	VOLTAGE	INPUT W	REMARKS	NOTES
S1	SONARAY	SR-2070	POLE 20FT MIN. FROM GRADE	5700K	7000K	12-24V	75.6	DARK BRONZE FIXTURE AND POLE. MOUNT WITH 2'-2-3/8" OD ARM.	1

* PROVIDE MINIMUM 5 YEAR MANUFACTURER WARRANTY ON PARTS.

BID PAGE

<u>Description</u>	<u>Quantity *</u>	<u>Unit Cost (each) **</u>	<u>Total Amount</u>
Solar LED Light (All-in-one solar light fixture and prefabricated light pole)	64	\$	\$

ALTERNATES

<u>Description</u>	<u>Quantity *</u>	<u>Unit Cost (each) **</u>	<u>Total Amount</u>
<u>Alternate # 1</u> Provide light fixture mounted on tapered pole equal to model (RTA20D8B4) manufactured by HAPCO on Helical Anchor Foundation per detail. [1/S2.0]	64	\$	\$
<u>Alternate # 2</u> Provide light fixture mounted on Direct Burial Pole equal to (RTA20D8BE) manufactured by HAPCO per detail. [4/S2.0]	64	\$	\$

*Estimated quantities are for the purpose of award. Hidalgo County may reduce and/or adjust the quantities as required.

**All proposed pricing shall be inclusive of all shipping, labor, equipment, fuel, and associated costs.

***Specifications may reference name brands and model numbers. It is not the intent of Hidalgo County to restrict or preclude competition in any way, but to establish a desired quality level of merchandise or to meet a pre-established standard due to like existing items.

BID PAGE

ACKNOWLEDGMENT FORM

I/We the undersigned hereby certify that I/We am/are a duly authorized official of the company and have the authority to sign on behalf of the company and assure that all statements made in the bid are true. I/We agree to furnish and deliver the specified items/services at the prices stated herein, and have read, understand, and agree to the terms and conditions contained herein and on all of the attachments.

COMPANY NAME:

ADDRESS:

CITY/STATE/ZIP:

PHONE NUMBER:

FAX NUMBER:

CELL NUMBER:

CONTACT PERSON:

E-MAIL ADDRESS:

AUTHORIZED SIGNATURE:

TITLE:

DATE:



2812 S. Bus. Hwy 281
Edinburg, Texas 78539
Phone: (956) 318-2626
Fax: (956) 318-2629
www.co.hidalgo.tx.us/purchasing

June 21, 2022

RE: **ADDENDUM NO. 2**
For RFB NO. 22-0244-06-22-HAG
"Hargill Solar Lights Project"

Dear Respondents:

Please note the following changes as part of **ADDENDUM NO. 2**, in connection with Hidalgo County's Request for Bids for the "**Hargill Solar Lights Project**".

- The RFB timeline has been revised and will supersede the previously established project timeline in Addendum No.1:
 - Answers Due Date and Time – **Wednesday, June 22, 2022, by End of the Day**
- Bid Opening Date and Time will remain the same – **Wednesday, June 29, 2022, @ 02:00 pm**

Please ensure to acknowledge receipt of this Addendum by signing below and making part of your response to this solicitation; otherwise, your response may be **deemed incomplete**.

Thank you for your prompt attention to this matter.

Eduardo Belmarez, MBA, CPM
Hidalgo County Purchasing Director

I acknowledge receipt of ADDENDUM NO. 2 dated, June 21, 2022, for the Request for Bids for the Hargill Solar Lights Project.

BY: _____

Signature

Print Name: _____

Company Name: _____

Date: _____



2812 S. Bus. Hwy 281
 Edinburg, Texas 78539
 Phone: (956) 318-2626
 Fax: (956) 318-2629
www.co.hidalgo.tx.us/purchasing

June 17, 2022

RE: ADDENDUM NO. 1
For RFB NO. 22-0244-06-22-HAG
“Hargill Solar Lights Project”

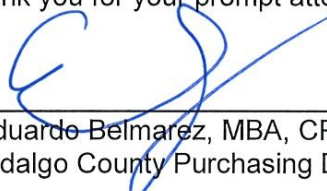
Dear Respondents:

Please note the following changes as part of **ADDENDUM NO. 1**, in connection with Hidalgo County’s Request for Bids for the “**Hargill Solar Lights Project**”.

- The RFB timeline has been revised and will supersede the previously established project timeline:
 - Answers Due Date and Time – Tuesday, June 21, 2022, by End of the Day
 - Bid Opening Date and Time – Wednesday, June 29, 2022, @ 02:00 pm

Please ensure to acknowledge receipt of this Addendum by signing below and making part of your response to this solicitation; otherwise, your response may be **deemed incomplete**.

Thank you for your prompt attention to this matter.



 Eduardo Belmarez, MBA, CPM
 Hidalgo County Purchasing Director

 I acknowledge receipt of ADDENDUM NO. 1 dated, June 17, 2022, for the Request for Bids for the Hargill Solar Lights Project.

BY: _____

Signature

Print Name: _____

Company Name: _____

Date: _____



HIDALGO COUNTY PROCUREMENT PACKET

**Request for Bids
RFB No: 22-0244-06-22-HAG**

“HARGILL SOLAR LIGHTS PROJECT”

**Acceptance Due Date:
Wednesday, June 22, 2022 at 02:00pm**

Eduardo Belmarez, MBA, CPM,
Hidalgo County Purchasing Director

Project Contact Information:

Hector A. Garcia, Contract Specialist III
(956) 318-2626 Ext. 4857
hector.garcia1@co.hidalgo.tx.us



2812 S. Bus. Hwy 281
Edinburg, Texas 78539
Phone: (956) 318-2626
Fax: (956) 318-2629
www.co.hidalgo.tx.us/purchasing

June 04, 2022

Company Name

Authorized Representative

Address

City, State

Zip Code

**RE: HIDALGO COUNTY - REQUEST FOR BIDS
RFB NO.: 22-0244-06-22-HAG – HARGILL SOLAR LIGHTS PROJECT**

Dear Prospect Offeror:

Hidalgo County Purchasing Department welcomes and appreciates your interest and participation. For your review and consideration, enclosed find the procurement packet for the aforementioned project. Modifications and new requirements have been added and implemented. Please ensure to carefully read and review all instructions, requirements and specifications.

If assistance is required, please do not hesitate to call the Purchasing Department at (956) 318-2626.

Sincerely,

A handwritten signature in blue ink, appearing to read "E. Belmarez", is written over a horizontal line.

Eduardo Belmarez, MBA, CPM
Hidalgo County Purchasing Director

TABLE OF CONTENTS

This procurement packet includes the components marked below. If the item is not checked, it is not applicable to this solicitation. Offerors are asked to review the documentation to be sure that all applicable parts are included. If any portion of the documentation is missing, notify the Purchasing Department immediately. Offeror should be thoroughly familiar with all of the following items applicable to this procurement packet before submitting a response.

<u>X</u>	1	Procurement Overview	4
<u>X</u>	2	Legal Notice	9
<u>X</u>	3	Legal Notice Declaration	23
<u>X</u>	4	Appendices:	
<u>X</u>	A	Requirements, Specifications and Plans.....	24
<u>X</u>	B	Bid Page.....	75
<u>X</u>	C	Insurance and Bond Requirements	78
<u>X</u>	D	Conflict of Interest Questionnaire (CIQ)	86
<u>X</u>	E	Vendor Enrollment Solution and HUB Declaration	89
<u>X</u>	F	Certification Regarding Debarment	92
<u>X</u>	G	Title VI Appendices "A" through "E"	94
<u>X</u>	H	Required Contract Clauses for Contracts Under Federal Award	100
<u>X</u>	I	FHWA 1273	115
<u>X</u>	J	Respondent's Affidavit	128
<u>X</u>	K	Draft Agreement	130
<u>X</u>	L	Deficiencies and Deviations Form	138
<u>X</u>	M	Reference Form	140



PROCUREMENT OVERVIEW

PROCUREMENT OVERVIEW

THE VENDOR IS RESPONSIBLE FOR READING AND UNDERSTANDING ALL DOCUMENTS, FORMS, SPECIFICATIONS, AND INSTRUCTIONS WITHIN THIS ENTIRE DOCUMENT. Follow all instructions; you are responsible for obtaining any information needed in order to respond to this RFB. Further, the Vendor is responsible for providing any and all relevant information necessary to submit a bid. Failure to do so will be at the Vendor's risk and may result in rejection of the bid as non-conforming.

General requirements apply to all advertised solicitations; however, these may be superseded, whole or in part, by OTHER DATA CONTAINED HEREIN. Review the Table of Contents. Be sure your bid package is complete.

INTRODUCTION

Hidalgo County (hereinafter referred to as "COUNTY") is requesting bids for "**Hargill Solar Lights Project**" (including all funding sources, programs, and entities), in accordance with the requirements attached hereto as **Appendix "A"**. The bid should address all requirements. Vendor may suggest substitutions of features that they feel would be in the best interest of COUNTY; however, a strong rationale must be presented for any deviation from the requirements, COUNTY reserves the right to reject the deviation and its effect on the overall bid.

AWARD

The County reserves the right to award the contract to the responsible bidder who submits the lowest and best bid and reserves the right to design evaluation criteria to be used in selecting the lowest and best bid for approval. Receipt of any submission shall under no circumstances obligate the County to accept the lowest dollar submission. The award of this contract shall be made to the responsible offeror whose submission is determined to be the best-evaluated offer resulting from internal evaluation, taking into consideration the relative importance of price and other evaluation factors as herein set forth.

TERM OF AGREEMENT

It is intended that the initial contract term will be for one (1) year with the County's sole option to renew/extend for an additional one (1) year term, under the same rates, terms, and conditions.

GENERAL REQUIREMENTS

One (1) original and two (2) USBs in original PDF format. Further instructions are listed below under **SUBMISSION INSTRUCTIONS**.

SUBMISSION DEADLINE AND BID OPENING

All submissions must be received on or before **Wednesday, June 22, 2022 at 2:00 PM. Any Bid received after this deadline will not be accepted and will be returned unopened to the sender.**

PRE-BID STREAMING

A Pre-Bid conference will be held on **Monday, June 13, 2022, at 10:00 a.m.** Due to the ongoing pandemic, and in order to abide by social distancing protocols and/or any applicable order(s), the Hidalgo County Purchasing Department is limiting the number of participants allowed in our office during Pre-Bid meetings to authorized personnel only; however, this is a public Pre-Bid meeting and it can be accessed via a live stream or by calling in the day of the event.

Video call link: <https://meet.google.com/jqe-fxae-jky?hs=122&authuser=0>
Or dial: (US) +1 319-343-8864 PIN: 444 257 864#

More phone numbers: <https://tel.meet/jqe-fxae-jky?pin=1898006137366&hs=1>

BID OPENING STREAMING

Due to the ongoing pandemic, and in order to abide with social distancing protocols and/or any applicable order(s), the Hidalgo County Purchasing Department is limiting the number of participants allowed in our office during Bid openings to authorized personnel only; however, this is a public Bid opening and it can be accessed via a live stream or by calling in the day of the event.

Live stream:

<https://hidalgocounty.zoom.us/j/96464676754?pwd=K1hiY3YxN0xPem5pd2xZazYzWHF4UT09>

Meeting ID: 964 6467 6754

Passcode: 545411

Dial by your location: +1 346 248 7799 US (Houston)

To find your local number: <https://hidalgocounty.zoom.us/j/96464676754?pwd=K1hiY3YxN0xPem5pd2xZazYzWHF4UT09>

Join by SIP: 96464676754@zoomcrc.com

HAND DELIVERED BID

When hand delivering Bids, Hidalgo County requires the Vendor to make sure that the submitted package is stamped with the date and time by the Hidalgo County Purchasing staff.

ELECTRONIC TRANSMISSION OF SUBMISSION

Hidalgo County Purchasing Department will not accept telegraphic or electronically transmitted Bids.

DELIVER TO:

US Postal Mail Address:

Eduardo Belmarez, MBA, CPM, Purchasing Director
ATTN: Hector A. Garcia
Hidalgo County Purchasing Department
Administration Building
2812 S. Business Hwy. 281
Edinburg, Texas 78539

Physical Address:

Eduardo Belmarez, MBA, CPM, Purchasing Director
ATTN: Hector A. Garcia
Hidalgo County Purchasing Department
Administration Building
2802 S. Business Hwy. 281
Edinburg, Texas 78539

SIGNING OF SUBMISSION

In order to be considered, all submittals **must** be signed by an authorized representative of the firm. **Please sign the original in [blue](#) ink and ensure the copy is clearly labeled.**

QUESTIONS AND ANSWERS

Questions must be submitted via email to hector.garcia1@co.hidalgo.tx.us by **Tuesday, June 14, 2022, at 5:00 P.M.** Responses to submitted questions will be emailed to all participants who obtained their procurement packet directly from Hidalgo County Purchasing Department by **Thursday, June 16, 2022.** Telephone inquiries will not be accepted.

RESTRICTIVE OR AMBIGUOUS REQUIREMENTS

It is the responsibility of the Vendor to review the procurement packet and to notify the Hidalgo County Purchasing Department if the requirements are formulated in a manner that would unnecessarily restrict competition or clarification on any requirements that are ambiguous. Any such protest or question regarding the requirements or bid procedures must be received in writing via email by the deadline stated for Questions and Answers.

COST OF SUBMISSION

Hidalgo County will not be liable for any costs incurred by the vendor in preparing a response to this procurement packet. Each Vendor acknowledges it is submitting a response at their own risk and expense. Further, no reimbursement for such charges or expenses shall be passed onto Hidalgo County. Hidalgo County makes no guarantee that any products or services will be purchased as a result of this solicitation and reserves the right to reject any and all submissions received. All responses and accompanying documentation will become the property of Hidalgo County.

WAIVING OF INFORMALITIES

Hidalgo County reserves the right to waive minor informalities or technicalities when it is in the best interest of Hidalgo County.

NOTICE OF COMMUNICATION

All communications by a vendor to the county, its officials, and department heads regarding this procurement shall be done through the Hidalgo County Purchasing Department. No vendor, its' representative, agent, or employee shall engage in private communication with a member of the Hidalgo County Commissioners Court or county department heads regarding any procurement of goods or services by the County from the date that this procurement packet is released. No private communication regarding the purchase shall be permitted until the procurement process is complete and a purchase order is granted or a contract is entered into. "Private Communication" means communication with any vendor outside of a posted meeting of the governing body, a regular meeting of a standing or appointed committee, or negotiation with a vendor which has been specifically authorized by the governing body.

VENDOR INSTRUCTIONS

Responses to this procurement packet shall be formatted and organized in the following order for consistency and easy screening:

- All submissions must be typed, single-spaced, and printed single-sided on 8 ½" by 11" paper.
- One (1) original, **clearly marked "ORIGINAL"** and two (2) USBs in PDF format. Original document must be submitted with a Cover Page containing the information listed in the Submission Outline/Checklist, under Submission Cover Page. Two (2) USBs containing the complete response in PDF, Word, and/or Excel format must be provided and placed in the ORIGINAL response. The PDF document must also be signed. A self-adhesive packet may be used to secure the USB. The USB must also be properly labeled.
- The complete response must be sealed in an appropriately sized envelope or box for delivery to the Hidalgo County Purchasing Department, per instructions in the Procurement Packet Submission paragraph of the Legal Notice section contained within this procurement packet.
- All documents must be labeled with the vendor's name and the RFB number. Any response received by the Hidalgo County Purchasing Department that is not identified on the outside with the RFB number will be at risk for rejection.
- Each section of the vendor's response should start on a new page. A tabbed divider page marked with the section number should be used to separate each section.
- Prepare a Table of Contents for the response being submitted and place it after the Submission Cover Sheet and before Section I. The Table of Contents must list Sections I-VII and the contents of each section as listed in **Appendix "A"**.
- The Bid response must be in the order listed in the Submission Outline/Checklist below.

REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK.

SUBMISSION OUTLINE/CHECKLIST

To assist in ensuring all submissions received are complete, it is recommended for the Offeror to use this Submission Outline as a Checklist prior to submitting a response. All Responses must be submitted in the following order with the guidelines provided within this solicitation:

- _____ Cover Sheet
 - _____ Company Name, Company Address, Company Phone Number
 - _____ Project Name: HARGILL SOLAR LIGHTS PROJECT
 - _____ Procurement Number: RFB No. 22-0244-06-22-HAG
 - _____ Opening Date: Wednesday, June 22, 2022
 - _____ Opening Time: 02:00pm
- _____ Table of Contents
- _____ Required Documents
 - _____ Legal Notice Declaration
 - _____ Appendix "B" - Bid Page
 - _____ Appendix "C" - Insurance & Bond Requirements
 - _____ Proof of Insurance
 - _____ Insurance Requirement Acknowledgement
 - _____ Project Requirements Acknowledgement
 - _____ Bid Bond Form
 - _____ Appendix "D" - Conflict of Interest Questionnaire
 - _____ CIQ Form - Copy of County Clerk File with fee receipt (when applicable)
 - _____ Appendix "E" - Vendor Forms
 - _____ Vendor Enrollment Solution
 - _____ HUB Declaration
 - _____ Appendix "F" - Certification Regarding Debarment
 - _____ Signed Certification
 - _____ SAM.gov Registration Acknowledgement
 - _____ Appendix "H" - Required Contract Clauses For Contracts Under Federal Award
 - _____ Byrd Anti-Lobbying Contract Clause
 - _____ 2 CFR 200 Certification
 - _____ Appendix "J" - Respondent's Affidavit
 - _____ Appendix "L" - Deficiencies and Deviations Form (when applicable)
 - _____ Appendix "M" - References
 - _____ Addenda (when applicable; see Addenda under Legal Notice)



LEGAL NOTICE

LEGAL NOTICE

These General Provisions are considered standard language for an Offeror (hereinafter referred to as “Offeror”, “Vendor”, “Respondent”, or “Contractor”) submitting a response for a Request for Bids, Proposals, Qualifications or other solicitation (hereinafter referred to as “Procurement Packet”) made by the County of Hidalgo (hereinafter referred to as “Hidalgo County” and “County” or any other governing body/agency for which the Hidalgo County Purchasing Department has been authorized to perform procurement services.

It is the Offeror’s sole responsibility to be in compliance of all federal, state, and local laws, requirements, rules, codes, ordinances, and regulations applicable to their proposed goods and/or services. In the event of any conflict between the terms and provisions of these requirements and the specifications, the specifications shall govern. In the event of any conflict of interpretation of any part of this overall procurement packet, Hidalgo County’s interpretation shall govern.

The following is a link to all adopted Hidalgo County policies (<https://www.hidalgocounty.us/805/County-Administrative-Policies>), which for all purposes, when applicable and whether specified explicitly or not, are incorporated by reference as part of this procurement packet and any resulting agreement.

- 1. ACCEPTANCE OF SUBMISSION.** Receipt of the submission shall under no circumstance obligate Hidalgo County to accept the response, or make an award. The Offeror is responsible for obtaining any information needed in order to respond and for all costs of submitting its response. An Offeror’s submitted response is to remain firm for a minimum of sixty (60) days after opening. Hidalgo County is not responsible for any missing, lost, or late submissions.
- 2. ACCESS TO RECORDS.** In special circumstances, Vendor may be required to allow duly authorized representatives of Hidalgo County, or the state and federal government access to contracts, books, documents, and records necessary to verify the nature and extent of the cost of services provided by Vendor. Vendor must keep records within Hidalgo County or note in their submission that records will be available within the boundaries of Hidalgo County to those representatives within one (1) business day of request by the County.
- 3. ACCOUNT CREATION FOR PAYMENT.** Upon award and prior to execution of a contract, Offeror shall cooperate with and submit any required information to the Hidalgo County Auditor’s Office in order to establish an account with the County for payment, including information requested on Hidalgo County Vendor Enrollment Solution, **Appendix “E”** on this procurement packet. This information must be on file with the Hidalgo County Purchasing Department and the Hidalgo County Auditor’s Office. Failure to provide this information may result in a delay in payment and/or back-up withholding as required by the Internal Revenue Service.
- 4. ADDENDA.** When specifications interpretations, amendments, corrections or changes are revised, the Hidalgo County Purchasing Department will issue an Addendum addressing the nature of the change. All released Addenda will be e-mailed to all point of contact(s) who are known to have received or requested a copy of the procurement packet directly from the Hidalgo County Purchasing Department. Offeror must **sign in blue ink and include it in the returned submission package.**
- 5. ASSIGNMENT.** The successful Offeror shall not assign, sell, transfer, convey, or otherwise transfer its rights under any awarded contract, in whole or in part, without the prior written consent of County of Hidalgo County Commissioners Court (hereinafter referred to as “Commissioners Court”), or other applicable governing body.
- 6. AWARD.** Hidalgo County reserves the right to award this contract on the basis determined on the Procurement Overview, and when applicable, listed on **Appendix “B”**, in accordance with the laws of the State of Texas, to waive any formality or irregularity, to make awards to more than one Offeror, and to reject any or all submissions received. After Hidalgo County Commissioners’ Court approves an award, and the awarded Contractor defaults in meeting the general requirements and/or specifications in complying with the contract agreement, Hidalgo County reserves the right to seek the services of the next lowest bidder(s) and/or qualified Offeror(s). In such event, Hidalgo County shall charge the Awarded Vendor the difference for any additional cost of such item. Hidalgo County reserves the right to add or delete items during the term of the contract under the same rates and conditions.

7. **COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS.** The County will search a database maintained by the Texas State Comptroller which contains relevant vendor information. A contract may not be entered into with an entity that is identified therein. Search results shall be incorporated for all purposes as part of any resulting agreement entered into by the parties. The Offeror shall follow all federal, state, and local laws, requirements, rules, codes, ordinances, regulations and Hidalgo County Policy & Procedures applicable to their proposed goods and/or services, including, but not limited to those addressed within this procurement packet, the resulting agreement and the following:

7.1 Attestation Terrorist Organizations - TEX. GOVT. CODE CH. 2252. Pursuant to the Texas Government Code, including but not limited to Chapter's 2252, 806 and 807, the Offeror warrants, represents, certifies and attests that, by submitting a response to this procurement packet and/or at the time of execution of this Contract, Agreement, or supplemental agreement thereafter, neither the Offeror, nor any wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of the same (i) engages in business with Iran, Sudan, or any foreign terrorist or (ii) is a company listed by the Texas Comptroller of Public Accounts.

7.2 Breach of Ethics. Contracts awarded hereunder shall be in compliance with Tex. Loc. Govt. Code Chapter 171: Regulation of Conflicts of Interest of Officers of Municipalities, Counties and Certain Other Local Governments.

It shall be a breach of ethics to offer, give, or agree to give any elected official, department head or employee, or former elected official, department head or employee, of the County, or for any elected official, department head or employee or former elected official, department head or employee of the County, to solicit, demand, accept or agree to accept from another person, entity or organization, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation or any part of a program requirement or purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter pertaining to any program requirement or a contract or subcontract, or to any solicitation or response to a request therefore pending before any department or agency of the County.

It shall be a breach of ethics for any payment, gratuity or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor for any contract for the County, or any person associated therewith, as an inducement for the award of a subcontract or order.

7.3 Bonds. If this procurement packet requires submission of bid bond or proposal guarantee, and performance and payment bonds, an explanation of these requirements will be detailed on the Projects Requirements Acknowledgement listed in **Appendix "C"**. Responses submitted without the required bond or cashier's checks may be deemed unresponsive, thus disqualified from participation.

7.4 Boycott Energy Companies Verification – TEX. GOVT. CODE 2274. In accordance with changes to the law from the 87th Legislature in 2021, a for-profit company, not including a sole proprietorship, with ten or more full-time employees, is required to verify in writing that it does not boycott energy companies, and it will not boycott energy companies during the term of the Contract, if it is a contract for goods or services that has a value of at least \$100,000 that is paid wholly or partly from public funds of the governmental body. Written verification may be provided by signing the Legal Notice Declarations page. Please provide a written notification if your company is unable to provide the written verification referenced above.

As per Tex. Gov't. Code §809.001(1), "Boycott energy company" means "without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company: (A) engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; or (B) does business with a company described by Paragraph (A)".

As per Ch. 2274(c), this verification requirement does not apply to the County if it determines that this requirement is inconsistent with the County's constitutional or statutory duties related to the issuance, incurrence, or management of debt obligations or the deposit, custody, management, borrowing, or investment of funds.

7.5 Boycott Israel Verification - TEX. GOVT. CODE 2270. In accordance with the Texas Government Code, including but not limited to Chapters 2270 and 808, a company, other than a sole proprietorship, with ten or more full time employees is required to certify in writing that it does not boycott Israel and will not boycott Israel during the term of the Contract, if the Contract has a value of \$100,000 or more.

7.6 Certification Regarding Debarment, Suspension Ineligibility, and Voluntary Exclusion. The Offeror warrants and represents by execution of an award from their response to this procurement packet that it is not debarred, suspended, or otherwise excluded from or ineligible for participation in any Federal programs, or state assistance, as described under Executive Order 12549, "Debarment and Suspension." The Offeror agrees to include this certification in all contracts between itself and any subcontractors in connection with the services performed under any subsequent Contract or Agreement arising from this award. The Offeror also acknowledges that it is their sole responsibility to immediately notify Hidalgo County, in writing, if they or a subcontractor is not in compliance with Executive Order 12549 during the term of this contract. Further, Offeror agrees to refund Hidalgo County for any payments made to the contractor while ineligible. Pursuant to federal regulation 45 CFR Part 76, the Offeror is required to furnish a certification or acknowledgement stating that they are free from suspension and debarment through registration on System for Award Management at www.sam.gov with their response.

7.7 Davis-Bacon Act/Hidalgo County Adopted Prevailing Wage Rate. When applicable, in accordance with Texas Government Code, Chapter 2258, as well as any other applicable laws, any Contractor or Subcontractor performing contracts in excess of \$2,000, for the construction, alteration, or repair (including painting and decorating) of public buildings or public works must pay their laborers and mechanics employed under the contract no less than the locally prevailing wages and fringe benefits for corresponding work on similar projects in the area as per the Davis Bacon Act or the rates adopted by Hidalgo County.

The Offeror warrants and represents that it will pay all its workers all monies earned by its employees including, but not limited to regular wages, any overtime compensation, or any additional payments pursuant to the Fair Labor Standards Act, 29 U.S.C. Section 207 9a(1), as amended; the Texas Pay Day Act; the Equal Pay Act; Title VII of the Civil Rights Act of 1964, 42 U.S.C. Section 2000e, *et al.*, as amended; and/or any provisions of the Texas Labor Code Ann., as amended, without cost or expenses to the County.

Awarded Vendors, its officers, agents, and/or employees will not be entitled to any benefits of an employee or elected official of Hidalgo County, including, but not limited to, benefits associated with Hidalgo County's civil service system.

7.7 Disclosure of Conflict of Interest.

7.7.1 As an Offeror. Pursuant to Texas Local Government Code, Chapter 176, an Offeror must disclose an interest between the Offeror, the Offeror's employees and any Hidalgo County employees arising from relationships within the first degree of consanguinity or affinity. A financial interest arises if the County's elected official, department head, or employee, or a member of their family, received any gifts valued in excess of \$250 during the preceding twelve (12) month period, or employment of any County's elected official, department head, or employee, or the County official's family member.

The Offeror shall not use funds to directly or indirectly pay any person for influencing or attempting to influence any County employee or official in connection with the awarding of any contract or the extension, continuation, renewal, amendment or modification of any contract.

7.7.2 Certificate of Interested Parties (Form 1295). Hidalgo County cannot enter into a contract until Form 1295 is submitted, as Texas law, including, but not limited to Tex. Govt. Code

Ch. 2252, Title 1 Tex. Ethics Comm. Rules – Title 1, sec. 46 and the Tex. Admin. Code, requires all parties who enter into any contract with the County which must be approved by its governing body, to disclose all interested parties. Form 1295 must be completed in its entirety through the Texas Ethics Commission at the following website: https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm prior to awarding the Contract. Failure to do so may result in delay of award, or deem your response unresponsive, thus disqualified from participation.

7.7.3 Collusion. The Offeror affirms that by responding to any solicitation made by Hidalgo County, it has not communicated directly or indirectly the response made to any competitor or any other person engaged in such line of business. Any or all responses may be rejected if the County believes that collusion exists among the Offerors, and/or the County believes prices provided by the Offerors are inappropriately unbalanced. Respondent's Affidavit (**Appendix "J"**) must be included in the response.

7.7.4 Consultants Excluded from Competition. An outside Consultant or Contractor is prohibited from submitting a response for goods or services requested on a Hidalgo County project of which the Consultant or Contractor was a designer or other previous contributor, assisted in developing or drafting specifications, requirements, statements of work, or requests for goods and/or services must be excluded from competing for such procurements. If such, a Consultant or Contractor submits a response, that response shall be prohibited, and disqualified on the basis of conflict of interest, no matter when the conflict is discovered by Hidalgo County.

7.7.5 Disclosure of Interested Parties (Form CIQ). Offeror must fully disclose the existence of any relationships as defined above in its response to this procurement packet. The Conflict of Interest Questionnaire (CIQ), attached hereto as **Appendix "D"**, must be filed with the Hidalgo County Clerk, located inside the Hidalgo County Courthouse, at 100 N. Closner, Edinburg, TX 78539 no later than the seventh business day after the date the person becomes aware of facts that require the statement to be filed. **Completion and submission of Form CIQ is the sole responsibility of the Offeror.** Additionally, the Offeror must immediately notify Hidalgo County if the information provided in its response changes at any time.

7.7.6 Disclosure to Report Lobbying. When applicable, pursuant to 31 U.S.C.A. §1352 (2003), if at any time during the contract term funding to Contractor exceeds \$100,000.00, Contractor shall file with the County the Federal Standard Form LLL titled "Disclosure Form to Report Lobbying" as detailed in **Appendix "H"**.

7.8 Discrimination Against Firearm Entities or Trade Associations Verification - Tex. Gov't. Code Ch. 2274. In accordance with changes to the law from the 87th Legislature in 2021, a for-profit company, not including a sole proprietorship, with ten or more full-time employees, is required to verify in writing that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate against a firearm entity or firearm trade association during the term of the Contract, if it is a contract for goods or services that has a value of at least \$100,000 that is paid wholly or partly from public funds of the governmental body. Written verification may be provided by signing the Legal Notice Declaration page. Please provide a written notification if your company is unable to provide the written verification referenced above.

As per Tex. Gov't. Code §2274.001(3), except as otherwise indicated, to "discriminate against a firearm entity or firearm trade association " means "with respect to the entity or association, to: (i) refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; (ii) refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or (iii) terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association".

As per Ch. 2274, this verification requirement does not apply to the County if it contracts with a sole-source

provider, does not receive any bids from a company that is able to provide the required written verification above, or the contract is exempt from compliance under Tex. Gov't. Code sec. 2274.003 relating to the issuance, sale or delivery of notes.

7.9 Disqualification of Offeror. By submitting a response to this request, an Offeror offering to sell supplies, materials, services, or equipment to Hidalgo County certifies that the Offeror has not violated the antitrust laws of this state codified in Texas Business and Commerce Code §15.01, et seq., as amended, or the federal antitrust laws. If multiple submissions are made by an Offeror and after they are opened, the Offeror requests to withdraw one of the submissions is requested to be withdrawn, the result will be that all of the responses submitted by that Offeror will be withdrawn; however, nothing herein prohibits an Offeror from submitting multiple responses for different products or services.

7.10 Ethical Business Practices. Hidalgo County operates its business ethically and in compliance with the law. We ask that any Offeror, their representative, and/or employee doing business with Hidalgo County, who believes they have witnessed any suspected ethical violation or fraud immediately report the allegations to the Hidalgo County Purchasing Director, 2802 S. BUS HWY 281, Edinburg, TX 78539, (956) 318-2626, eduardo.belmarez@co.hidalgo.tx.us.

Hidalgo County Purchasing Department will conduct a prompt and thorough investigation. At the conclusion of the investigation, Hidalgo County Purchasing Department will refer any suspected criminal activity to the Hidalgo County District Attorney or other appropriate law enforcement agency. Any Offeror who reports suspected ethical violations or fraud can do so without fear of retaliation. Retaliating against any offeror for reporting suspected ethical violations or fraud is strictly prohibited.

7.11 Historically Underutilized Business/Disadvantaged Business Enterprises. The County is committed to ensuring that Historically Underutilized Businesses (HUB) and Disadvantaged Business Enterprises (DBE) such as small business enterprises (SBE), minority and women-owned business enterprises (MWBE) receive a fair and equal opportunity for participation in the County's procurement process. The County encourages the use of these enterprises both as prime and subcontractors as listed in **Appendix "E"**.

When federal funds are expended by the County, the County will take affirmative steps set forth in 2 CFR 200.321 to assure that small, minority, women-owned businesses and labor surplus area owned firms are used when possible. Pursuant to 2 CFR 321, the County requires that a prime contractor who uses subcontractors take affirmative steps set forth in 2 CFR 200.321, including:

- a. Placing qualified small and minority business and women's business enterprises on solicitation lists;
- b. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
- c. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- d. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and
- e. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
- f. Nothing in this section is to be construed to require the County to award a contract other than as required by law and Hidalgo County policies and procedures.

When procurement is related to road construction projects with the Texas Department of Transportation (TxDOT), all respondents must submit their HUB/DBE plans as part of their submission to be qualified to participate.

7.12 Independent Contractor. It is expressly agreed that this Contract and the performance by the parties hereunder does not create any agency relationship or master-servant relationship that the County has no supervision of the performance of the Services provided by Vendor, and that Vendor is an independent contractor under an award through this procurement packet.

7.13 Nondiscrimination. By submitting a response to this procurement packet, the Offeror certifies that it will conform to the provisions of the Federal Civil Rights Act of 1964, as amended and related state and federal law.

Offeror, during the performance of this contract, will not discriminate against any employee or applicant for employment because of race, religion, color, national origin, sex, age, disability or any other protected class under law (except as allowed in the case of bona fide occupational qualifications).

7.14 Texas Public Information Act. The Offeror understands and agrees that Hidalgo County is a governmental body for purposes of the Public Information Act, codified as Chapter 552 of the Texas Government Code and as such is required to release information in accordance with the Public Information Act (the "Act"). Hidalgo County must rely on advice, decisions and opinions of the Attorney General of the State of Texas relative to the disclosure of data or information. Submissions will be kept confidential in accordance with the Act and applicable law, and **submissions are subject to inclusion into the public record after award.** To the extent permitted by law, Offeror may request in writing non-disclosure of any information that it considers to be confidential, proprietary, and/or trade secret in its submission. Such data shall accompany the submission, be readily separable from the response, and shall be CLEARLY MARKED "CONFIDENTIAL, PROPRIETARY and/or TRADE SECRET". Hidalgo County will make reasonable efforts to provide Offeror notice in accordance with the Act in the event the County receives a request for information under the Act for information that the Offeror has marked as indicated above. E-mail addresses provided by Offeror to the County as part of its response to this procurement packet are not confidential. Additionally, Offeror provides its affirmative consent to the disclosure of its e-mail addresses, including from its employees, officers, and agents acting on its behalf, that are provided to Hidalgo County. This consent shall survive termination of this agreement and apply to any e-mail address provided in any form for any reason whether related to this procurement packet or otherwise.

7.15 Title VI Notice. The County of Hidalgo, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat.252, 42 U.S.C. §§2000d to 2000d-4) and the Regulations, hereby notifies all respondents that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit Bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award. Further, Title VI has been broadened by related statutes, regulations and executive orders as found in Appendices "A" through "E" as attached hereto as **Appendix "G"**. Offeror agrees to comply with Title VI as may be required.

8. **CONTRACT OBLIGATION.** Hidalgo County Commissioners Court must award the contract and the County Judge must sign the contract before it becomes binding on Hidalgo County or the Offeror. Elected officials, department heads, other County employees or representatives are NOT authorized to sign agreements for Hidalgo County, unless prior authorization is approved by the Hidalgo County Commissioners Court, or respective governing body. Binding agreements shall remain in effect until all products and/or services covered by this procurement packet have been satisfactorily delivered and accepted.
9. **CONTRACT RENEWALS.** Any extension or renewal of the agreement entered into by the parties are made at the County's sole discretion and under the same rates, terms and conditions as the initial agreement, or as amended.
10. **CONTRACT TRANSITION (Grace Period).** In the event services end by either contract expiration or termination, it shall be required that the successful respondent continue services if requested by the Hidalgo County Purchasing Department, until new services can be completely operational. The successful respondent acknowledges its responsibility to cooperate fully with the replacement vendor and Hidalgo County to ensure a smooth and timely transition to the replacement vendor. Such transitional period shall not extend more than sixty (60) days beyond the expiration/termination date of the contract, or any extension thereof. The successful respondent shall be reimbursed for services during the transitional period at the rate in effect when the transitional period clause is invoked by Hidalgo County. During any transition period, all other terms and conditions of the contract shall remain in full force and effect as originally written and subsequently amended.

- 11. COST OF GOODS AND SERVICES.** Discount payments will be considered when offered. If during the life of any contract, or response awarded, the successful respondent's net prices generally available to other customers for items awarded herein are reduced below the contracted price, it is understood and agreed that the benefits of such reduction shall be extended to Hidalgo County. Failure by the Vendor to notify the County of a decrease in costs for items and/or supplies for which the Vendor was granted a price adjustment, may result in immediate termination of this contract and the County shall not be obligated to pay the Vendor the difference between the contract price and the price adjustment.
- 12. COUNTY APPROVED HOLIDAYS.** There are fourteen (14) County approved holidays. The Offeror is advised that official County business will not be conducted on those dates. The link of approved holidays can be found on: <https://www.hidalgocounty.us/115/County-Holidays>.
- 13. EVALUATION.** Evaluation shall be used as a determinant as to which proposed items or services are the most efficient and/or most economical for the County, considering all factors which have a bearing on price and performance of the items in the user department's environment. All submissions, except for Requests for Bids, may be subject to evaluations and negotiations by the Hidalgo County Purchasing Department, or authorized Hidalgo County representative as approved by Hidalgo County Commissioners Court, with recommendation to the appropriate governing body. Compliance with all requirements, delivery and needs of the user department are considerations in evaluating the responses received. **Pricing is NOT the only criteria for making a recommendation.** A preliminary evaluation by Hidalgo County will be held and appropriate responses will be subjected to the negotiating process and a request for a Best and Final Offer. Upon completion of the negotiations, Hidalgo County will make an award. All responses that have been submitted shall be available and open for public record after the contract is awarded, except for trade secrets or confidential information contained in the responses and identified as such.

Hidalgo County reserves the right to refuse and reject any or all submissions and to waive any or all formalities or technicalities, or to the qualifications considered the best and most advantageous to Hidalgo County. Additionally, Hidalgo County reserves the right to separate and accept or eliminate any item(s) listed under this procurement packet that it deems necessary to accommodate budgetary or operational requirements.

- 14. FISCAL FUNDING.** Hidalgo County has the discretion to utilize grant funding or general funding, however, should grant funding be utilized "Grant Funding" rules will apply. The award of a contract hereunder will not be construed to create a debt of the County which is payable out of funds beyond the current fiscal year. Additionally, should funds not be appropriated by the applicable governing body to continue the lease or contract in their sole discretion, said lease or contract shall become null and void on the last day of the current appropriation of funds.

14.1 General Funding. A multi-year lease or lease/purchase arrangement, or any contract continuing as a result of an extension option, must include a fiscal funding out provision in the lease or contract. Funds for this procurement have been provided through the County budget for this fiscal year only. Hidalgo County, on an annual basis and at their discretion, has the right to reconsider a contract during the budget process for ensuing years if financial resources of Hidalgo County are insufficient to meet the liabilities of said contract. After expiration of the lease, leased equipment shall be removed by the Vendor from the user department without penalty of any kind or form to Hidalgo County. All charges and physical activity related to delivery, installation, removal and re-delivery shall be the responsibility of the Vendor.

14.2 Grant Funding. Any contract entered into by the County that is to be paid from grant funds shall be limited to payment from the grant funding, and the Offeror understands that the County has not set aside any County funds for the payment of obligations under a grant contract. If grant funding should become unavailable at any time for the continuation of services paid for by the grant, and further funding cannot be obtained for the contract, then the contract shall be null and void.

Additionally, County contracts subject to assistance from the Federal Emergency Management Agency (FEMA), require inclusion of the contract terms found in **Appendix "H"**. It is the County's intention to comply with FEMA requirements; therefore, any conflict in terms should be resolved as such.

- 15. FORCE MAJEURE.** If by reason of Force Majeure either Party shall be rendered unable, wholly or in part, to carry out its responsibility under this contract by any occurrence by reason of Force Majeure, then the Party unable to carry out its responsibility shall give the other Party notice and full particulars of such Force Majeure in writing within a reasonable time after the occurrence of the event, and such notice shall suspend the Party's responsibility for the continuance of the Force Majeure claimed, but for no longer period. Force Majeure means acts of God, floods, hurricanes, tropical storms, tornadoes, earthquakes, or other natural disasters, acts of a public enemy, acts of terrorism, sovereign conduct, riots, civil commotion, strikes or lockouts, and other causes that are not occasioned by either Party's conduct which by the exercise of due diligence the Party is unable to overcome and which substantially interferes with operations.
- 16. GOVERNING LAW.** This procurement packet is governed by the competitive bidding requirements of the County Purchasing Act, Texas Local Government Code, §262.021 *et seq.*, as amended. Offerors shall comply with all applicable federal, state and local laws and regulations. Offeror is further advised that these requirements shall be fully governed by the laws of the State of Texas and venue shall be performable in a federal or state court or competent jurisdiction in Hidalgo County, Texas. Hidalgo County may request and rely on advice, decisions and opinions of the Attorney General of Texas and the Hidalgo County District Attorney concerning any portion of these requirements. The County does not agree to binding arbitration and does not waive its right to a jury trial.
- 17. HIPAA COMPLIANCE.** When applicable, the Offeror agrees to comply with the requirements of the Health Insurance Portability and Accountability Act of 1996, Pub. L. No. 104-191 (codified at 45 C.F.R. Parts 160 and 164), as amended ("HIPAA"); privacy and security regulations promulgated by the United States Department of Health and Human Services ("DHHS"); Title XIII, Subtitle D of the American Recovery and Reinvestment Act of 2009, Pub. L. No. 111-5, as amended ("HITECH Act"); provisions regarding Confidentiality of Alcohol and Drug Abuse Patient Records (codified at 42 C.F.R. Part 2), as amended; and TEX. HEALTH & SAFETY CODE ANN. §§81.046, as amended, 181.001 *et seq.*, as amended, 241.151 *et seq.*, as amended, and 611.001 *et seq.*, as amended collectively referred to as "HIPAA", to the extent that the Offeror uses, discloses or has access to protected health information as defined by HIPAA. Offeror may be required to enter a Business Associate Agreement pursuant to HIPAA.
- 18. INDEMNIFICATION.** **The successful Offeror, shall indemnify, defend, save, and hold Hidalgo County, all its elected officials, officers, agents and employees harmless from all suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property directly or indirectly from contractor's performance on account of any negligent act or fault of the successful Offeror, or of any agent, employee, subcontractor or supplier in the execution of, or performance under, any contract which may result from award or which arises from any event or casualty happening on or within County premises themselves or happening upon or in any halls, elevators, entrances, stairways or approaches of or to such County facilities. Successful Offeror shall pay any judgment with costs which may be obtained against the County growing out of such injury or damages, and shall, upon request, provide a defense to Hidalgo County by counsel reasonably acceptable to the County. The Successful Offeror indemnity hereunder shall include, but is not limited to, claims relating to patent, copyright or trademark infringement and the like, arising out of the goods and services provided by successful Offeror.**
- 19. INSPECTIONS & TESTING.** Hidalgo County reserves the right to inspect any item(s) or service location for compliance with specifications and requirements and needs of the user department. If an Offeror cannot furnish a sample of a proposed item, where applicable, for review, or fails to satisfactorily show an ability to perform, the County can reject the response as inadequate.

The successful respondent shall warrant that all items/services shall conform to the specifications and/or all warranties provided under the Uniform Commercial Code and be free from all defects in material, workmanship and the like. Items supplied under a contract pursuant to this procurement packet shall be subject to the County's approval. Items found to be defective or not meeting specifications shall be replaced by the successful Offeror within two (2) business days at no expense to the County. Items that are not picked up within one (1) week after notification shall be deemed a donation to the County and may be used or disposed of at the County's discretion, without waiver of any other rights of the County as to the items' nonconformity.

- 20. INSURANCE.** Contractor shall procure and maintain, with respect to the subject matter of this procurement packet, appropriate insurance coverage including, as a minimum, public liability and property damage with adequate limits to cover contractor's liability as may arise directly or indirectly from work performed under terms of this procurement packet. Certification of such coverage must be provided to the County as part of this response. (See **Appendix "C": Insurance Requirements**). Prior to award, Hidalgo County must be listed as a Certificate Holder to the policies.
- 21. LEGAL DOCUMENTS.** Offeror should submit any agreement for products and/or services which may be required by their organization to enter into a contract with Hidalgo County. The awarded vendor will be required to execute an agreement with Hidalgo County which finalizes the terms and conditions set forth in their response, best and final offer, and any negotiations between the Offeror and Hidalgo County. The agreement is subject to review and amendment by the Hidalgo County District Attorney's Office.
- 22. MAINTENANCE.** Maintenance required for equipment proposed should be available in Hidalgo County by a manufacturer-authorized maintenance facility. Costs for this service shall be shown on **Appendix "B"**. If Hidalgo County opts to include maintenance, it shall be so stated in the purchase order and said cost will be included. Service will commence only upon expiration of applicable warranties and should be priced accordingly.
- 23. MARKET VOLATILITY AND UNIT PRICE ADJUSTMENTS.** When applicable, Hidalgo County recognizes that during periods of national crisis and unstable economic conditions, unforeseen price increase might affect costs for goods and services contracted on an annual basis. As such, upon written request of the Vendor to the County Purchasing Agent, the County may review evidence of prevailing industry-wide market conditions that may warrant an adjustment in bid prices contained in the contract. When applicable, the following procedure and conditions may be employed to mediate price volatility:
- A Vendor shall:
 - make its Market Volatility and Unit Price Adjustment request in writing to the County Purchasing Agent.
 - tie any price change clause to an industry-wide or otherwise nationally recognized index, or some other form of verifiable document. Such written request must be accompanied by a certified copy of the supplier's advisory or notification to the Vendor of the price changes.
 - put the Purchasing Agent on the mailing lists for such publications so that the Purchasing Agent can monitor said changes. Such membership shall be at no cost to the County.
 - notify the County at the time when the Vendor's costs for items, supplies, and or services reduce due to stabilization in the market at which time prices for items on this contract shall be reduced accordingly. Failure by the Vendor to notify the County of a decrease in costs for items and/or supplies for which the Vendor was granted a price adjustment, may result in immediate termination of this contract and the County shall not be obligated to pay the Vendor the difference between the contract price and the price adjustment.
 - Price adjustment reviews may only be requested by the Vendor on a quarterly basis; however, the County may at its own discretion, conduct temporary price adjustment reviews at any time.
 - The County Purchasing Agent retains the right to determine whether or not such proposed price changes are in the best interest of the County.
 - The County may only grant a price increase if the evidence presented is deemed reliable.
 - No price escalation will be authorized in excess of the amount of the increase referred to in the supplier's notice.
 - The total increase in contract price shall not exceed twenty-five percent (25%) of the original contract price during the contract term.
 - Should the County allow a price increase, the approved price change shall be honored for all orders received by the vendor or contractor after the effective date of such price change. Approved price changes are not applicable to orders already issued and in process at time of price change.
 - Price increases are only valid for the quarter in which they are requested and approved.
 - Prices shall return to the original contract price at the beginning of the following quarter unless a Vendor notifies the County in writing within ten (10) days of expiration of the quarter in which the price increase is in effect, that it desires to have the price increase continue or that the Vendor is requesting a different price increase for the following quarter. Such request must be supplemented

with sufficient justification to demonstrate that the price increase remains necessary. The County Purchasing Department shall have sole discretion whether to grant the price increase extension.

- The County Purchasing Agent and/or the County Auditor reserve the right to audit and/or examine any pertinent books, documents, papers, records or invoices relating directly to the contract transaction in question after reasonable notice and during normal business hours.
- The County too, shall have discretion to unilaterally reduce, eliminate or extend a price adjustment to the Vendor at any time upon written notice from the County to the Vendor demonstrating justification for such reduction, elimination or extension of the price adjustment.

- 24. MATERIAL SAFETY DATA SHEETS.** Under the "Hazardous Communication Act", commonly known as the "Texas Right to Know Act", an Offeror must provide to the County with each delivery, safety data sheets which are applicable to hazardous substances defined in the Act. Failure of the Offeror to furnish the required documentation will be cause to reject any response applying thereto.
- 25. MINIMUM STANDARDS FOR RESPONSIBLE PROSPECTIVE RESPONDENTS.** With their submitted response, the Offeror must affirmatively demonstrate their responsibility as listed on **Appendix "A"**. A prospective respondent, by submitting a response, represents to County that it meets the requirements listed.
- 26. NAME BRANDS.** Specifications may reference name brands and model numbers. It is not the intent of Hidalgo County to restrict or preclude competition in any way, but to establish a desired quality level of merchandise or to meet a pre-established standard due to like existing items. Offerors may offer items of equal stature and the burden of proof of such stature rests with Offerors. Hidalgo County shall act as sole judge in determining equality and acceptability of products offered.
- 27. NEW MILLENNIUM COMPLIANCE.** All products and/or services furnished as part of this contract must be compliant for the present year and forward. This applies to all computers including hardware and software as well as all other commodities with date sensitive embedded chips.
- 28. PAYMENT UNDER CONTRACT.** If the contract is for \$50,000 or less, no money will be paid to the contractor until completion and acceptance of the work or the fulfillment of the purchase obligation to the County, and, if applicable, the receipt by County of satisfactory evidence that all subcontractors and material men have been paid.
- 29. PERFORMANCE ENFORCEMENT.** Hidalgo County reserves the right to enforce performance of any contract, agreement, supplemental agreement, as amended, or participation in the professional services pool, in any manner prescribed by law or deemed to be in the best interest of the County. Hidalgo County reserves the right to terminate the contract awarded hereunder in any manner prescribed by law or deemed to be in the best interest of the County immediately in the event of breach or default by a successful respondent, including, but not limited to failure to maintain qualifications, meet schedules, pay any required fees or taxes, or otherwise failing to perform in accordance with the requirements of this procurement packet.
- 30. POST-AWARD DELIVERY INSTRUCTIONS.** Title and Risk of Loss of goods shall not pass to Hidalgo County until Hidalgo County actually receives and takes possession of the goods at the point or points of delivery. Receiving times may vary with the user department. Generally, deliveries may be made between 8:30 a.m. and 4:00 p.m., Monday through Friday, except on County approved holidays. The Offeror is advised to consult the user department for instructions, and be given at least seventy-two (72) hours prior notice of delivery, if applicable, before delivery will be accepted. The place of delivery shall be identified in the Requirements/Specifications attached hereto as **Appendix "A"** of this procurement packet and/or on the Purchase Order as a "Deliver To:" address.
- 31. POST-AWARD INVOICES AND PAYMENTS.** Offerors shall submit an original, itemized invoice on company letterhead with their company name and address, detailing the deliverable(s) of goods and/or services provided, the respective price, product code, item number, quantity, etc. per line item, the name of receiving/requesting department or elected office, the delivery address, the awarded vendor's contract number, and issued purchase order number. Any invoice, which cannot be verified by the contract price and/or is otherwise incorrect, will be returned to the Offeror for correction. Under term contracts, when multiple deliveries and/or services are required, the Offeror may invoice following each delivery and the County will pay on invoice. Contracts providing for a monthly charge will be billed and paid on a monthly basis only. All payments are

subject to compliance with the Texas Prompt Payment Act.

Deliverables or services will be considered complete only upon written acceptance by Hidalgo County. No charges may be billed to Hidalgo County unless such costs are explicitly included in the agreement or contract. For billing and payment questions please contact the Hidalgo County Auditor's Office, 2808 S. Business Hwy. 281, Edinburg, Texas 78539, (956) 318-2511.

- 32. PROCUREMENT PACKET FORM COMPLETION.** Fill out and return to the Hidalgo County Purchasing Department one (1) complete response in an appropriately sized envelope or box. **PACKAGE MUST SHOW THE COMPANY NAME, RETURN ADDRESS, THE RFB, RFP, RFQ, etc., PROJECT DESCRIPTION, OPENING DATE AND TIME, AND BE MARKED "SEALED SUBMISSION"**. An authorized representative of the Offeror should sign the Submission Cover Sheet. The contract will be binding only when signed by Hidalgo County, funds are certified by the Hidalgo County Auditor, and an official Hidalgo County Purchase Order is issued by the Hidalgo County Purchasing Department.
- 33. PROCUREMENT PACKET SUBMISSION.** Offeror must submit all completed responses to the Hidalgo County Purchasing Department reception desk at 2802 S. BUS. HWY 281, Edinburg, Texas 78539 by the date and time listed under the Submission Deadline and Bid Opening section of the Procurement Overview. **Late submissions will not be accepted for any reason.**

33.1 Supplemental Materials. Offerors are responsible for including all pertinent product data in the submitted response to this procurement packet. Literature, brochures, data sheets, specification information, completed forms requested as part of the procurement packet and any other facts which may affect the evaluation and subsequent contract award should be included. Materials such as legal documents and contractual agreements, which the Offeror wishes to include as a condition of the submission, must also be in the submitted response. Failure to include all necessary and proper supplemental materials may be cause to reject the entire response.

- 34. PROOF OF BUSINESS.** Offeror must be in business under its current name and in its current form (e.g., proprietorship, Chapter S Corporation). Information to be included as part of the Vendor Application, **Appendix "E"**.
- 35. PURCHASE ORDER AND DELIVERY.** The successful Offeror shall not deliver products or provide services without a Hidalgo County Purchase Order, signed by the Hidalgo County Purchasing Director, or an authorized agent of the Hidalgo County Purchasing Department. When applicable, the fastest, most reasonable delivery time shall be indicated by the Offeror in the proper place on **Appendix "B"**. Any special information concerning delivery should also be included, on a separate sheet, if necessary. All items shall be shipped **F.O.B. INSIDE DELIVERY** unless otherwise stated in the specifications. This shall be understood to include bringing merchandise to the appropriate room or place designated by the user department. Every tender or delivery of goods must fully comply with all provisions of these requirements and the specifications including time, delivery and quality. Nonconformance shall constitute a breach which must be rectified prior to expiration of the time for performance. Failure to rectify within the performance period will be considered cause to reject future deliveries and cancellation of the contract by Hidalgo County, without prejudice to other remedies provided by law. **Where delivery times are critical, Hidalgo County reserves the right to award accordingly.**

Goods and/or Services must not be provided and **invoices will not be paid** without a purchase order signed by the Hidalgo County Purchasing Director.

- 36. QUALIFICATIONS OF OFFEROR.** Offeror's failure to qualify or maintain qualifications throughout the term of this agreement shall release Hidalgo County from all obligations to the Offeror with regard to the services. In such an event, Hidalgo County may elect to engage another qualified firm or reject all submissions and re-advertise.
- 37. RECYCLED MATERIALS.** Hidalgo County encourages the use of products made of recycled materials and shall give preference in purchasing to products made of recycled materials if the products meet applicable specifications as to quantity and quality. Hidalgo County will be the sole judge in determining product preference

application.

38. REFERENCES. Offeror must provide a total of four (4) references in each response to a solicitation requested by Hidalgo County. **One of the four references listed should be of a project that was canceled.** Offeror may provide this in form of Reference Letters from other individual(s)/entities or local government entities for whom the Offeror has provided similar services in the past twenty-four (24) months as demonstration of their prior experience, or if Offeror prefers, may utilize the Reference Form **Appendix “M”**. Letters or reference sheet must include the following information:

- Organization/Client Name/Government Entity (Include population of any local governmental entity – some procurements may require a specific population).
- Name of Contact Person
- Contact Telephone, Address and Email
- Name of Project
- Scope of Work
- Contract Period
- Budget Project Amount; Actual Project Amount
- Expected project timeframe; actual project timeframe
- Include contact information for one (1) client that services have been canceled, and a description of why the project was canceled.

39. SCANNED OR RE-TYPED RESPONSE. If in its response, Offeror either electronically scans, re-types, or in some way reproduces the County's published procurement packet, then in the event of any conflict between the terms and provisions of the County's published procurement packet, or any portion thereof, and the terms and provisions of the response made by the Offeror, the County's procurement packet **as published** shall control. Furthermore, if an alteration of any kind to the County's published procurement packet is only discovered after the contract is executed and is or is not being performed; the contract is subject to immediate cancellation.

Regardless of how an Offeror requested or received a copy of this procurement packet to prepare a response, **the response must be submitted in hard copy** according to the instructions contained within this procurement packet.

40. SEVERABILITY. If any section, subsection, paragraph, sentence, clause, phrase or word of these requirements or the specifications shall be held invalid, such holding shall not affect the remaining portions of these requirements and the specifications and it is hereby declared that such remaining portions would have been included in these requirements and the specifications as though the invalid portion had been omitted.

41. SILENCE OF SPECIFICATIONS. The apparent silence of specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of specifications shall be made on the basis of this statement. The items furnished under this contract shall be new, unused of the latest product in production to commercial trade and shall be of the highest quality as to materials used and workmanship. Manufacturer furnishing these items shall be experienced in design and construction of such items and shall be an established supplier of the item proposed.

42. SUBCONTRACTING. Vendor may not subcontract services to another firm without prior written request detailing goods and/or services that are to be subcontracted, and approval of said written request by Hidalgo County Commissioners Court, or applicable governing body.

43. TAXES. Hidalgo County is exempt from all federal excise, state and local taxes unless, otherwise stated in this document. Hidalgo County claims exemption from all sales and/or use taxes under Texas Tax Code §151.309, as amended. Offerors are not to include tax in any cost figures (including in any supplemental project specific contracts applicable to pools). If it is determined that tax was included in the cost figure it will not be included in the tabulation of any supplemental project specific awards. Texas Limited Sales Tax Exemption Certificates will be furnished upon written request to the Hidalgo County Purchasing Department, and signed by the Agent,

or authorized Purchasing Department representative.

44. **TERM OF CONTRACTS.** If the contract is intended to cover a specific time period, the term will be specified in **Appendix A: Requirements/Specifications**. Awarded contract will be in effect until (a) the term expires, or (b) participation is terminated by County with thirty (30) days written notice prior to cancellation with or without cause. Any supplemental project-specific contract award to a successful respondent will be in effect until (a) the contract expires, (b) delivery and acceptance of products, and/or performance of services ordered, or (c) terminated by the County with thirty (30) days written notice prior to cancellation with or without cause, unless otherwise stated in the executed agreement.
45. **TERMINATION.** Hidalgo County reserves the right to terminate the contract for default if Offeror breaches any of the terms therein, including warranties of Offeror or if the Offeror becomes insolvent or commits acts of bankruptcy. Such right of termination is in addition to and not in lieu of any other remedies which Hidalgo County may have in law or equity. Default may be construed as, but not limited to, failure to deliver the proper goods and/or services within the proper amount of time, and/or to properly perform any and all services required to Hidalgo County's satisfaction and/or to meet all other obligations and requirements. Hidalgo County may terminate the contract without cause upon thirty (30) days written notice, unless otherwise stated in the executed agreement.
46. **TERMINATION FOR HEALTH AND SAFETY VIOLATIONS.** Hidalgo County has the option to terminate this contract immediately without prior notice if Offeror fails to perform any of its obligations in this contract if the failure (a) created a potential threat to health or safety or (b) violated a law, ordinance, or regulation designed to protect health or safety.
47. **USAGE REPORTS.** Hidalgo County reserves the right to request, and receive at no additional cost during the yearly contract period, a usage report detailing the services furnished to date under an agreement resulting from this procurement packet. The reports must be furnished no later than five (5) business days after written request and itemize all purchases to date by Hidalgo County department, description of each service purchased, quantity of each service purchased, per unit cost and total amount of all services purchased.
48. **WAIVER OF SUBROGATION.** Offeror and Offeror's insurance carrier waive any and all rights whatsoever with regard to subrogation against Hidalgo County as an indirect party to any suit arising out of personal or property damages resulting from Offeror's performance under any award resulting from award from this procurement packet.
49. **WARRANTIES.** Offerors shall furnish all data pertinent to warranties or guarantees which may apply to items in the response to this procurement packet. Offeror may not limit or exclude any implied warranties. Further, Offeror warrants that product sold to the County shall conform to the standards established by the U.S. Department of Labor under the Occupational Safety and Health Act of 1970. In the event product does not conform to OSHA Standards, where applicable, Hidalgo County may return the product for correction or replacement at the Offeror's expense. If Offeror fails to make the appropriate correction within a reasonable time, Hidalgo County may correct at the Offeror's expense.
50. **CIVIL WORKS, CONSTRUCTION & PUBLIC WORKS PROJECTS.** Provisions of Tex. Govt. Code Ch. 2269 as amended by HB 2581 of the 87th Texas Legislature applicable to Civil Works and Construction Projects are hereby incorporated. Provisions of Texas Local Govt. Code Ch. 271, subchapter B applicable to competitive bidding on certain public works projects are hereby incorporated.

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LEGAL NOTICE DECLARATION

TO: Eduardo Belmarez, MBA, CPM, Purchasing Director
ATTN: Hector A. Garcia, Contract Specialist III
Hidalgo County Administration Building/Purchasing Department
2802 S. Business Hwy. 281
Edinburg, Texas 78539

RE: RFB No. 22-0244-06-22-HAG

By providing a response to this solicitation, we acknowledge receipt of all of the pages of in this procurement packet. We understand that Hidalgo County reserves the right to reject any or all submissions, and further reserves the right to design the evaluation criteria to be used in selecting the lowest and best qualification.

We acknowledge that we have examined this procurement packet in its entirety, and are familiar with the conditions to be met. In accordance with the Specifications, and subject to all laws and regulations of the United States, State of Texas, and local laws, we propose and commit to furnish all labor, equipment, material, software, and services as set forth in the documents hereinbefore mentioned. Any purchase order or contract resulting from this process shall be considered null and void if the successful respondent fails to comply with any federal, state or local laws.

We acknowledge that we are providing the required certifications, attestations, verifications and/or acknowledgments as referenced within this procurement packet. We further acknowledge that any and all specifications, provisions, and attachments of this response are incorporated into and made a part of any resulting agreement.

We agree that this response shall be good, and may not be withdrawn for a period of ninety (90) calendar days after the scheduled bid opening time and date for receiving the requested solicitation, as contained in the Specifications.

Lastly, we understand that any questions regarding compliance should be directed to our firm’s legal counsel. We acknowledge that the individual authorized to bind the company is signing this Acknowledgement Form. By signing this Acknowledgement Form we understand we are providing written verification and certification of the aforementioned, and the County cannot execute a contract for goods or services without this declaration.

Respectfully submitted,

Firm: _____

Address: _____

Printed Name: _____

Title: _____

Signature: _____ Date: _____



Appendix A

REQUIREMENTS, SPECIFICATIONS, AND PLANS

SCOPE

Hidalgo County (COUNTY) is seeking qualified vendors to submit sealed bids for Turnkey Solar Street Light services for the “Hargill Solar Lights Project” in Precinct No.1.

GENERAL REQUIREMENTS

- A) The vendor shall have the capacity, experience, and expertise to perform the services in accordance with all drawings, applicable standards, and technical specifications.
- B) Awarded vendor shall provide all equipment, materials, tools, and labor necessary to complete the required services.
- C) All equipment provided must be universal and non-proprietary.
- D) Awarded vendor must maintain an adequate number of staff to complete required services in a timely and satisfactory manner.
- E) Awarded vendor must provide technicians that are trained and possess all necessary licenses, certifications, and permits as required by the city, county, or state.
- F) Awarded vendor will be responsible to obtain and pay for all required City and or County project licenses and permits.

SPECIFICATIONS

The bid must include, but is not limited to the following specifications:

The following specifications have been selected and approved by the Project Engineer for the purposes of the aforementioned project on March 03, 2022.

TABLE OF CONTENTS

DIVISION 26 – ELECTRICAL

<u>Section</u>	<u>Title</u>
26 02 00	BASIC MATERIALS AND METHODS
26 05 26	GROUNDING
26 56 19	EXTERIOR LED LIGHTING

END OF TABLE OF CONTENTS

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
RENE R. OLIVAREZ, P.E. 102302



R. Olivarez

3/23/22

SECTION 26 02 00 - BASIC MATERIALS AND METHODS

PART 1 - GENERAL

1.01 GENERAL REQUIREMENTS

- A. The requirements of the General Conditions and Supplementary Conditions apply to all Work herein.
- B. The Contract Drawings indicate the extent and general arrangement of the systems. If any departure from the Contract Drawings are deemed necessary by the Contractor, details of such departures and the reasons therefore, shall be submitted to the Architect for approval as soon as practicable. No such departures shall be made without the prior written approval of the Architect.

1.02 SCOPE OF WORK

- A. The Work included under this Contract consists of the furnishing and installation of all equipment and material necessary and required to form the complete and functioning systems in all of its various phases, all as shown on the accompanying Drawings and/or described in these Specifications. The contractor shall review all pertinent drawings, including those of other contracts prior to commencement of Work.
- B. This Division requires the furnishing and installing of all items Specified herein, indicated on the Drawings or reasonably inferred as necessary for safe and proper operation; including every article, device or accessory (whether or not specifically called for by item) reasonably necessary to facilitate each system's functioning as indicated by the design and the equipment specified. Elements of the work include, but are not limited to, materials, labor, supervision, transportation, storage, equipment, utilities, all required permits, licenses and inspections. All work performed under this Section shall be in accordance with the Project Manual, Drawings and Specifications and is subject to the terms and conditions of the Contract.
- C. The approximate locations of Electrical items are indicated on the Drawings. These Drawings are not intended to give complete and accurate details in regard to location of outlets, apparatus, etc. Exact locations are to be determined by actual measurements at the building, and will in all cases be subject to the Review of the Owner or Engineer, who reserves the right to make any reasonable changes in the locations indicated without additional cost to the Owner.
- D. Items specifically mentioned in the Specifications but not shown on the Drawings and/or items shown on Drawings but not specifically mentioned in the Specifications shall be installed by the Contractor under the appropriate section of work as if they were both specified and shown.
- E. All discrepancies between the Contract Documents and actual job-site conditions shall be reported to the Owner or Engineer so that they will be resolved prior to the bidding, where this cannot be done at least 7 working days prior to bid; the greater or more costly of the discrepancy shall be bid. All labor and materials required to perform the work described shall be included as part of this Contract.
- F. It is the intention of this Section of the Specifications to outline minimum requirements to furnish the Owner with a turn-key and fully operating system in cooperation with other trades.
- G. It is the intent of the above "Scope" to give the Contractor a general outline of the extent

of the Work involved; however, it is not intended to include each and every item required for the Work. Anything omitted from the "Scope" but shown on the Drawings, or specified later, or necessary for a complete and functioning heating, ventilating and air conditioning system shall be considered a part of the overall "Scope".

- H. The Contractor shall rough-in fixtures and equipment furnished by others from rough-in and placement drawings furnished by others. The Contractor shall make final connection to fixtures and equipment furnished by others.
- I. Contractor shall participate in the commissioning process; including but not limited to meeting attendance, completion of checklists and participation in functional testing.

1.03 RELATED SECTIONS

- A. General Conditions
- B. Supplementary Conditions
- C. Division One

1.04 COOPERATION WITH TRADES:

- A. Cooperation with trades of adjacent, related, or affected materials or operations shall be considered a part of this work in order to affect timely and accurate placing of work and bring together in proper and correct sequence, the work of such trades.

1.05 REFERENCES

- A. National Electrical Code (NEC)
- B. American Society for Testing and Materials (ASTM)
- C. Underwriter's Laboratories, Inc. (UL)
- D. Insulated Cable Engineer's Association (ICEA).
- E. National Electrical Manufacturer's Association (NEMA).
- F. Institute of Electrical and Electronic's Engineers (IEEE).
- G. American National Standards Institute (ANSI).
- H. National Fire Protection Association (NFPA).
- I. International Energy Conservation Code (IECC).

1.06 COMPLETE FUNCTIONING OF WORK:

- A. All work fairly implied as essential to the complete functioning of the electrical systems shown on the Drawings and Specifications shall be completed as part of the work of this Division unless specifically stated otherwise. It is the intention of the Drawings and Specifications to establish the types of the systems, but not set forth each item essential to the functioning of the system. In case of doubt as to the work intended, or in the event of amplification or clarification thereof, the Contractor shall call upon the Architect for supplementary instructions, Drawings, etc.

- B. Contractor shall review all pertinent Drawings and adjust his work to all conditions shown there on. Discrepancies between Plans, Specifications, and actual field conditions shall be brought to the prompt attention of the Architect.
 - 1. Approximate location of transformers, feeders, branch circuits, outlets, lighting and power panels, outlets for special systems, etc., are indicated on the Drawings. However, the Drawings, do not give complete and accurate detailed locations of such outlets, conduit runs, etc., and exact locations must be determined by actual field measurement. Such locations will, at all times, be subject to the approval of the Architect.
 - 2. Communicate with the Architect and secure his approval of any outlet (light fixture, receptacle, switch, etc.) location about which there may be the least question. Outlets obviously placed in a location not suitable to the finished room or without specific approval, shall be removed and relocated when so directed by the Architect. Location of light fixtures shall be coordinated with reflected ceiling plans.
- C. Additional coordination with mechanical contractor may be required to allow adequate clearances of mechanical equipment, fixtures and associated appurtenances. Contractor to notify Architect and Engineer of unresolved clearances, conflicts or equipment locations.

1.07 SCHEMATIC NATURE OF CONTRACT DOCUMENTS

- A. The contract documents are schematic in nature in that they are only to establish scope and a minimum level of quality. They are not to be used as actual working construction drawings. The actual working construction drawings shall be the approved shop drawings.

1.08 CONTRACTOR'S QUALIFICATIONS

- A. An approved contractor for the work under this division shall be:
 - 1. A specialist in this field and have the personnel, experience, training, and skill, and the organization to provide a practical working system.
 - 2. Able to furnish evidence of having contracted for and installed not less than 3 systems of comparable size and type that have served their Owners satisfactorily for not less than 3 years.
 - 3. Perform work by persons qualified to produce workmanship of specified quality. Persons performing electrical work shall be required to be licensed. Onsite supervision, journeyman shall have minimum of journeyman license. Helpers, apprentices shall have minimum of apprentice license.

1.09 DATE OF FINAL ACCEPTANCE

- A. The date of final acceptance shall be the date of owner occupancy, or the date all punch list items have been completed or final payment has been received. Refer to Division One for additional requirements.
- B. The date of final acceptance shall be documented in writing and signed by the architect, owner and contractor.

1.10 DEFINITIONS AND SYMBOLS

- A. General Explanation: A substantial amount of construction and Specification language constitutes definitions for terms found in other Contract Documents, including Drawings

which must be recognized as diagrammatic and schematic in nature and not completely descriptive of requirements indicated thereon. Certain terms used in Contract Documents are defined generally in this article, unless defined otherwise in Division 1.

- B. Definitions and explanations of this Section are not necessarily either complete or exclusive, but are general for work to the extent not stated more explicitly in another provision of the Contract Documents.
- C. Indicated: The term "Indicated" is a cross-reference to details, notes or schedules on the Drawings, to other paragraphs or schedules in the Specifications and to similar means of recording requirements in Contract Documents. Where such terms as "Shown", "Noted", "Scheduled", "Specified" and "Detailed" are used in lieu of "Indicated", it is for the purpose of helping the reader locate cross-reference material, and no limitation of location is intended except as specifically shown.
- D. Directed: Where not otherwise explained, terms such as "Directed", "Requested", "Accepted", and "Permitted" mean by the Architect or Engineer. However, no such implied meaning will be interpreted to extend the Architect's or Engineer's responsibility into the Contractor's area of construction supervision.
- E. Reviewed: Where used in conjunction with the Engineer's response to submittals, requests for information, applications, inquiries, reports and claims by the Contractor the meaning of the term "Reviewed" will be held to limitations of Architect's and Engineer's responsibilities and duties as specified in the General and Supplemental Conditions. In no case will "Reviewed" by Engineer be interpreted as a release of the Contractor from responsibility to fulfill the terms and requirements of the Contract Documents.
- F. Furnish: Except as otherwise defined in greater detail, the term "Furnish" is used to mean supply and deliver to the project site, ready for unloading, unpacking, assembly, installation, etc., as applicable in each instance.
- G. Install: Except as otherwise defined in greater detail, the term "Install" is used to describe operations at the project site including unloading, unpacking, assembly, erection, placing, anchoring, applying, working to dimension, finishing, curing, protection, cleaning and similar operations, as applicable in each instance.
- H. Provide: Except as otherwise defined in greater detail, the term "Provide" is used to mean "Furnish and Install", complete and ready for intended use, as applicable in each instance.
- I. Installer: Entity (person or firm) engaged by the Contractor or its subcontractor or Sub-contractor for performance of a particular unit of work at the project site, including unloading, unpacking, assembly, erection, placing, anchoring, applying, working to dimension, finishing, curing, protection, cleaning and similar operations, as applicable in each instance. It is a general requirement that such entities (Installers) be expert in the operations they are engaged to perform.
- J. Imperative Language: Used generally in Specifications. Except as otherwise indicated, requirements expressed imperatively are to be performed by the Contractor. For clarity of reading at certain locations, contrasting subjective language is used to describe responsibilities that must be fulfilled indirectly by the Contractor, or when so noted by other identified installers or entities.
- K. Minimum Quality/Quantity: In every instance, the quality level or quantity shown or specified is intended as minimum quality level or quantity of work to be performed or

provided. Except as otherwise specifically indicated, the actual work may either comply exactly with that minimum (within specified tolerances), or may exceed that minimum within reasonable tolerance limits. In complying with requirements, indicated or scheduled numeric values are either minimums or maximums as noted or as appropriate for the context of the requirements. Refer instances of uncertainty to Owner or Engineer via a request for information (RFI) for decision before proceeding.

- L. Abbreviations and Symbols: The language of Specifications and other Contract Documents including Drawings is of an abbreviated type in certain instances, and implies words and meanings which will be appropriately interpreted. Actual word abbreviations of a self explanatory nature have been included in text of Specifications and Drawings. Specific abbreviations and symbols have been established, principally for lengthy technical terminology and primarily in conjunction with coordination of Specification requirements with notations on Drawings and in Schedules. These are frequently defined in Section at first instance of use or on a Legend and Symbol Drawing. Trade and industry association names and titles of generally recognized industry standards are frequently abbreviated. Singular words will be interpreted as plural and plural words will be interpreted as singular where applicable and where full context of Contract Documents so indicate. Except as otherwise indicated, graphic symbols and abbreviations used on Drawings and in Specifications are those recognized in construction industry for indicated purposes. Where not otherwise noted symbols and abbreviations are defined by 1993 ASHRAE Fundamentals Handbook, chapter 34 "Abbreviations and Symbols", ASME and ASPE published standards.

1.11 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to the project properly identified with names, model numbers, types, grades, compliance labels, and other information needed for identification.
- B. Deliver products to the project at such time as the project is ready to receive the equipment, pipe or duct properly protected from incidental damage and weather damage.
- C. Damaged equipment shall be promptly removed from the site and new, undamaged equipment shall be installed in its place promptly with no additional charge to the Owner.

1.12 SUBMITTALS

- A. Coordinate with Division 1 for submittal timetable requirements, unless noted otherwise within thirty (30) days after the Contract is awarded the Contractor shall submit a minimum of eight (8) complete bound sets of shop drawings and complete data covering each item of equipment or material. The first submittal of each item requiring a submittal must be received by the Architect or Engineer within the above thirty day period. The Architect or Engineer shall not be responsible for any delays or costs incurred due to excessive shop drawing review time for submittals received after the thirty (30) day time limit. The Architect and Engineer will retain one (1) copy each of all shop drawings for their files. Where full size drawings are involved, submit one (1) print and one (1) reproducible sepia or vellum in lieu of eight (8) sets. All literature pertaining to an item subject to Shop Drawing submittal shall be submitted at one time. A submittal shall not contain information from more than one Specification section, but may have a section subdivided into items or equipment as listed in each section. The Contractor may elect to submit each item or type of equipment separately. Each submittal shall include the following items enclosed in a suitable binder:

- 1. A cover sheet with the names and addresses of the Project, Architect, MEP Engineer, General Contractor and the Subcontractor making the submittal. The

- cover sheet shall also contain the section number covering the item or items submitted and the item nomenclature or description.
2. An index page with a listing of all data included in the Submittal.
 3. A list of variations page with a listing all variations, including unfurnished or additional required accessories, items or other features, between the submitted equipment and the specified equipment. If there are no variations, then this page shall state "NO VARIATIONS". Where variations affect the work of other Contractors, then the Contractor shall certify on this page that these variations have been fully coordinated with the affected Contractors and that all expenses associated with the variations will be paid by the submitting Contractor. This page will be signed by the submitting Contractor.
 4. Equipment information including manufacturer's name and designation, size, performance and capacity data as applicable. All applicable Listings, Labels, Approvals and Standards shall be clearly indicated.
 5. Dimensional data and scaled drawings as applicable to show that the submitted equipment will fit the space available with all required Code and maintenance clearances clearly indicated and labeled at a minimum scale of 1/4" = 1'-0", as required to demonstrate that the alternate or substituted product will fit in the space available.
 6. Identification of each item of material or equipment matching that indicated on the Drawings.
 7. Sufficient pictorial, descriptive and diagrammatic data on each item to show its conformance with the Drawings and Specifications. Any options or special requirements or accessories shall be so indicated. All applicable information shall be clearly indicated with arrows or another approved method.
 8. Additional information as required in other Sections of this Division.
 9. Certification by the General Contractor and Subcontractor that the material submitted is in accordance with the Drawings and Specifications, signed and dated in long hand. Submittals that do not comply with the above requirements shall be returned to the Contractor and shall be marked "**REVISE AND RESUBMIT**".
- B. Refer to Division 1 for additional information on shop drawings and submittals.
- C. Equipment and materials submittals and shop drawings will be reviewed for compliance with design concept only. It will be assumed that the submitting Contractor has verified that all items submitted can be installed in the space allotted. Review of shop drawings and submittals shall not be considered as a verification or guarantee of measurements or building conditions.
- D. Where shop drawings and submittals are marked "**REVIEWED**", the review of the submittal does not indicate that submittals have been checked in detail nor does it in any way relieve the Contractor from his responsibility to furnish material and perform work as required by the Contract Documents.
- E. Shop drawings shall be reviewed and returned to the Contractor with one of the following categories indicated:
1. **REVIEWED:** Contractor need take no further submittal action, shall include this submittal in the O&M manual and may order the equipment submitted on.
 2. **REVIEWED AS NOTED:** Contractor shall submit a letter verifying that required exceptions to the submittal have been received and complied with including additional accessories or coordination action as noted, and shall include this submittal and compliance letter in the O&M manual. The contractor may order the equipment submitted on at the time of the returned submittal providing the Contractor complies with the exceptions noted.

3. **NOT APPROVED:** Contractor shall resubmit new submittal on material, equipment or method of installation when the alternate or substitute is not approved, the Contractor will automatically be required to furnish the product, material or method named in the Specifications and/or drawings. Contractor shall not order equipment that is not approved. Repetitive requests for substitutions will not be considered.
 4. **REVISE AND RESUBMIT:** Contractor shall resubmit new submittal on material, equipment or method of installation when the alternate or substitute is marked revise and resubmit, the Contractor will automatically be required to furnish the product, material or method named in the Specifications and/or provide as noted on previous shop drawings. Contractor shall not order equipment marked revise and resubmit. Repetitive requests for substitutions will not be considered.
 5. **CONTRACTOR'S CERTIFICATION REQUIRED:** Contractor shall resubmit submittal on material, equipment or method of installation. The Contractor's stamp is required stating the submittal meets all conditions of the contract documents. The stamp shall be signed by the General Contractor. The submittal will not be reviewed if the stamp is not placed and signed on all shop drawings.
 6. **MANUFACTURER NOT AS SPECIFIED:** Contractor shall resubmit new submittal on material, equipment or method of installation when the alternate or substitute is marked manufacturer not as specified, the Contractor will automatically be required to furnish the product, material or method named in the specifications. Contractor shall not order equipment where submittal is marked manufacturer not as specified. Repetitive requests for substitutions will not be considered.
- F. Materials and equipment which are purchased or installed without shop drawing review shall be at the risk of the Contractor and the cost for removal and replacement of such materials and equipment and related work which is judged unsatisfactory by the Owner or Engineer for any reason shall be at the expense of the Contractor. The responsible Contractor shall remove the material and equipment noted above and replace with specified equipment or material at his own expense when directed in writing by the Architect or Engineer.
- G. Shop Drawing Submittals shall be complete and checked prior to submission to the Engineer for review.
- H. Furnish detailed shop drawings, descriptive literature, physical data and a specification critique for each section indicating "compliance" and/or "variations" for the following items:
- Distribution Panelboards
 - Lighting and Appliance Panelboards
 - Wiring Gutters
 - Heavy Duty Disconnect Switches
 - Lighting Fixtures
 - Lighting Contactors
 - Time Clocks
 - Lighting Control System
 - Photocells
 - Wiring Devices and Plates
 - Conduit and Fittings
 - Wire
 - Switchboards
- Harmonic Mitigating Type Transformers

Emergency Generator
Automatic Transfer Switches
Sound Reinforcing System
Fire Alarm System
Surge Protection Device (SPD)

- I. Refer to each specification section for additional requirements.

1.13 OPERATION AND MAINTENANCE MANUALS

- A. Prepare maintenance manuals in accordance with Division 1 and in addition to the requirements specified in Division 1, include the following information for equipment items:
 1. Description of function, normal operating characteristics and limitations, performance curves, engineering data and tests, and complete nomenclature and commercial numbers of replacement parts.
 2. Manufacturer's printed operating procedures to include start-up, break-in, and routine and normal operating instructions; regulation, control, stopping, shutdown, and emergency instructions; and summer and winter operating instructions.
 3. Maintenance procedures for routine preventative maintenance and troubleshooting; disassembly, repair, and reassembly; aligning and adjusting instructions.
 4. Servicing instructions and lubrication charts and schedules.

1.14 COORDINATION DRAWINGS

- A. Prepare coordination drawings to a scale of 1/4"=1'-0" or larger; detailing major elements, components, and systems of mechanical equipment and materials in relationship with other systems, installations, and building components. Indicate locations where space is limited for installation and access and where sequencing and coordination of installations are of importance to the efficient flow of the Work, including (but not necessarily limited to) the following:
 1. Indicate the proposed locations of pipe, duct, equipment, and other materials. Include the following:
 - a. Wall and type locations.
 - b. Clearances for installing and maintaining insulation.
 - c. Locations of light fixtures and sprinkler heads.
 - d. Clearances for servicing and maintaining equipment, including tube removal, filter removal, and space for equipment disassembly required for periodic maintenance.
 - e. Equipment connections and support details.
 - f. Exterior wall and foundation penetrations.
 - g. Routing of storm and sanitary sewer piping.
 - h. Fire-rated wall and floor penetrations.
 - i. Sizes and location of required concrete pads and bases.
 - j. Valve stem movement.
 - k. Structural floor, wall and roof opening sizes and details.
 2. Indicate scheduling, sequencing, movement, and positioning of large equipment into the building during construction.
 3. Prepare floor plans, elevations, and details to indicate penetrations in floors, walls, and ceilings and their relationship to other penetrations and installations.

4. Prepare reflected ceiling plans to coordinate and integrate installations, air distribution devices, light fixtures, communication systems components, and other ceiling-mounted items.
- B. This Contractor shall be responsible for coordination of all items that will affect the installation of the work of this Division. This coordination shall include, but not be limited to: voltage, ampacity, capacity, electrical and piping connections, space requirements, sequence of construction, building requirements and special conditions.
- C. By submitting shop drawings on the project, this Contractor is indicating that all necessary coordination has been completed and that the systems, products and equipment submitted can be installed in the building and will operate as specified and intended, in full coordination with all other Contractors and Subcontractors.

1.15 RECORD DRAWINGS

1. Maintain a continuous record during the course of construction of all changes and deviations in the work from the contract drawings. Upon completion of the work, purchase a set of "Auto Positive Tracings" on vellum and make corrections as required to reflect the electrical systems as installed. Location and size of all conduit shall be accurately shown to dimension. Submit three prints of the tracings for approval. Make corrections to tracings as directed and deliver "Auto Positive Tracings" to the Architect. Record drawings shall be furnished in addition to shop drawings. Symbols on the Record drawings shall correspond to the identification symbols on the contract drawings and equipment identification plates and tags.
2. The Contractor shall maintain a set of clearly marked black line record "AS-BUILT" prints on the job site on which he shall mark all work details, alterations to meet site conditions and changes made by "Change Order" notices. These shall be kept available for inspection by the Owner, Architect or Engineer at all times.
3. Refer to Division 1 for additional requirements concerning record drawings. If the Contractor does not keep an accurate set of as-built drawings, the pay request may be altered or delayed at the request of the Architect. Mark the drawings with a colored pencil. Delivery of as-built prints and reproducibles is a condition of final acceptance.
4. The record prints shall be updated on a daily basis and shall indicate accurate dimensions for all buried or concealed work, precise locations of all concealed pipe or duct, locations of all concealed valves, controls and devices and any deviations from the work shown on the Construction Documents which are required for coordination. All dimensions shall include at least two dimensions to permanent structure points.
5. Submit three prints of the tracings for approval. Make corrections to tracings as directed and delivered "Auto Positive Tracings" to the architect. "As-Built" drawings shall be furnished in addition to shop drawings.
6. When the option described in paragraph F., above is not exercised then upon completion of the work, the Contractor shall transfer all marks from the submit a set of clear concise set of reproducible record "AS-BUILT" drawings and shall submit the reproducible drawings with corrections made by a competent draftsman and three (3) sets of black line prints to the Architect or Engineer for review prior to scheduling the final inspection at the completion of the work. The reproducible record "AS-BUILT" drawings shall have the Engineers Name and Seal removed or blanked out and shall be clearly marked and signed on each sheet as follows:

CERTIFIED RECORD DRAWINGS

DATE:

(NAME OF GENERAL CONTRACTOR)

BY: _____
(SIGNATURE)

(NAME OF SUBCONTRACTOR)

BY: _____
(SIGNATURE)

1.16 CERTIFICATIONS AND TEST REPORTS

- A. Submit a detailed schedule for completion and testing of each system indicating scheduled dates for completion of system installation and outlining tests to be performed and schedule date for each test. This detailed completion and test schedule shall be submittal at least 90 days before the projected Project completion date.
- B. Test result reporting forms shall be submitted for review no later than the date of the detailed schedule submitted.
- C. Submit 4 copies of all certifications and test reports to the Architect or Engineer for review adequately in advance of completion of the Work to allow for remedial action as required to correct deficiencies discovered in equipment and systems.
- D. Certifications and test reports to be submitted shall include, but not be limited to those items outlined in Section of Division 26.

1.17 MAINTENANCE MANUALS

- A. Coordinate with Division 1 for maintenance manual requirements, unless noted otherwise bind together in "D ring type" binders by National model no. 79-883 or equal, binders shall be large enough to allow 1/4" of spare capacity. Three (3) sets of all approved shop drawing submittals, fabrication drawings, bulletins, maintenance instructions, operating instructions and parts exploded views and lists for each and every piece of equipment furnished under this Specification. All sections shall be typed and indexed into sections and labeled for easy reference and shall utilize the individual specification section numbers shown in the Electrical Specifications as an organization guideline. Bulletins containing information about equipment that is not installed on the project shall be properly marked up or stripped and reassembled. All pertinent information required by the Owner for proper operation and maintenance of equipment supplied by Division 26 shall be clearly and legibly set forth in memoranda that shall, likewise, be bound with bulletins.
- B. Prepare maintenance manuals in accordance with Special Project Conditions, in addition to the requirements specified in Division 26, include the following information for equipment items:
 - 1. Identifying names, name tags designations and locations for all equipment.
 - 2. Fault Current calculations and Coordination Study.
 - 3. Reviewed shop drawing submittals with exceptions noted compliance letter.
 - 4. Fabrication drawings.
 - 5. Equipment and device bulletins and data sheets clearly highlighted to show equipment installed on the project and including performance curves and data as

- applicable, i.e., description of function, normal operating characteristics and limitations, performance curves, engineering data and tests, and complete nomenclature and model numbers of replacement parts.
6. Manufacturer's printed operating procedures to include start-up, break-in, and routine and normal operating instructions; regulation, control, stopping, shutdown, and emergency instructions; and summer and winter operating instructions.
 7. Maintenance procedures for routine preventative maintenance and troubleshooting; disassembly, repair, and reassembly; aligning and adjusting instructions, servicing instructions and lubrication charts and schedules.
 8. Equipment name plate data.
 9. Wiring diagrams.
 10. Exploded parts views and parts lists for all equipment and devices.
 11. Color coding charts for all painted equipment and conduit.
 12. Location and listing of all spare parts and special keys and tools furnished to the Owner.
 13. Furnish recommended lubrication schedule for all required lubrication points with listing of type and approximate amount of lubricant required.
- C. Refer to Division 1 for additional information on Operating and Maintenance Manuals.
- D. Operating and Maintenance Manuals shall be turned over to the Owner or Engineer a minimum of 14 working days prior to the beginning of the operator training period.

1.18 OPERATOR TRAINING

- A. The Contractor shall furnish the services of factory trained specialists to instruct the Owner's operating personnel. The Owner's operator training shall include 12 hours of on site training in three 4 hour shifts.
- B. Before proceeding with the instruction of Owner Personnel, prepare a typed outline in triplicate, listing the subjects that will be covered in this instruction, and submit the outline for review by the Owner. At the conclusion of the instruction period obtain the signature of each person being instructed on each copy of the reviewed outline to signify that he has a proper understanding of the operation and maintenance of the systems and resubmit the signed outlines.
- C. Refer to other Division 26 Sections for additional Operator Training requirements.

1.19 SITE VISITATION

- A. Visit the site of the proposed construction in order to fully understand the facilities, difficulties and restriction attending the execution of the work.
- B. Before submitting a bid, it will be necessary for each Contractor whose work is involved to visit the site and ascertain for himself the conditions to be met therein in installing his work and make due provision for same in his bid. It will be assumed that this Contractor in submitting his bid has visited the premises and that his bid covers all work necessary to properly install the equipment shown. Failure on the part of the Contractor to comply with this requirement shall not be considered justification for the omission or faulty installation of any work covered by these Specifications and Drawings.
- C. Understand the existing utilities from which services will be supplied; verify locations of utility services, and determine requirements for connections.

- D. Determine in advance that equipment and materials proposed for installation fit into the confines indicated.

1.20 WARRANTY

- A. The undertaking of the work described in this Division shall be considered equivalent to the issuance, as part of this work, of a specific guarantee extending one year beyond the date of completion of work and acceptance by Owner, against defects in materials and workmanship. Materials, appliances and labor necessary to effect repairs and replacement so as to maintain said work in good functioning order shall be provided as required. Replacements necessitated by normal wear in use or by Owner's abuse are not included under this guarantee.
- B. All normal and extended warranties shall include parts, labor, miscellaneous materials, travel time, incidental expenses, freight/shipping, refrigerant, oils, lubricants, belts, filters and any expenses related to service call required to diagnose warranty problems.

1.21 TRANSFER OF ELECTRONIC FILES

- A. Project documents are not intended or represented to be suitable for reuse by Architect/Owner or others on extensions of this project or on any other project. Any such reuse or modification without written verification or adaptation by Engineer, as appropriate for the specific purpose intended, will be at Architect/Owner's risk and without liability or legal exposure to Engineer or its consultants from all claims, damages, losses and expense, including attorney's fees arising out of or resulting thereof.
- B. Because data stored in electric media format can deteriorate or be modified inadvertently, or otherwise without authorization of the data's creator, the party receiving the electronic files agrees that it will perform acceptance tests or procedures within sixty (60) days of receipt, after which time the receiving party shall be deemed to have accepted the data thus transferred to be acceptable. Any errors detected within the sixty (60) day acceptance period will be corrected by the party delivering the electronic files. Engineer is not responsible for maintaining documents stored in electronic media format after acceptance by the Architect/Owner.
- C. When transferring documents in electronic media format, Engineer makes no representations as to the long term compatibility, usability or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by Engineer at the beginning of the Project.
- D. Any reuse or modifications will be Contractor's sole risk and without liability or legal exposure to Architect, Engineer or any consultant.
- E. The Texas Board of Architectural Examiners (TBAE) has stated that it is in violation of Texas law for persons other than the Architect of record to revise the Architectural drawings without the Architect's written consent.

It is agreed that "MEP" hard copy or computer-generated documents will not be issued to any other party except directly to the Architect/Owner. The contract documents are contractually copyrighted and cannot be used for any other project or purpose except as specifically indicated in AIA B-141 Standard Form of Agreement Between Architect and Owner.

If the client, Architect/Owner, or developer of the project requires electronic media for "record purposes", then an AutoCAD based compact disc ("CD") will be prepared. The "CD" will be submitted with all title block references intact and will be formatted in a "plot"

format to permit the end user to only view and plot the drawings. Revisions will not be permitted in this configuration.

- F. At the Architect/Owner's request, Engineer will prepare one "CD" of electronic media to assist the contractor in the preparation of submittals. The Engineer will prepare and submit the "CD" to the Architect/Owner for distribution to the contractor. All copies of the "CD" will be reproduced for a cost of reproduction fee of Five Hundred Dollars (\$500.00) per "CD".

The "CD" will be prepared and all title blocks, names and dates will be removed. The "CD" will be prepared in a ".dwg" format to permit the end user to revise the drawings.

- G. This Five Hundred Dollars (\$500.00) per "CD" cost of reproduction will be paid directly from the Contractor to the Engineer. The "CD" will be prepared only after receipt of the Five Hundred Dollars (\$500.00). The Five Hundred Dollars (\$500.00) per "CD" cost of reproduction is to only recover the cost of the manhours necessary to reproduce the documents. It is not a contractual agreement between the Contractor and Engineer to provide any engineering services, nor any other service.

PART 2 - PRODUCTS

2.01 SUBSTITUTIONS

- A. The names and manufacturers and model numbers have been used in the Contract documents to establish types of equipment and standards of quality. Where more than one manufacturer is named for a specific item of equipment, only one of the specified manufacturers will be considered for approval. Where only one manufacturer is mentioned with the phrase "or approved equal", Contractor may submit an alternate manufacturer for consideration, provided the following conditions are met:
1. Submit alternate equipment with complete descriptive data in shop drawing form. Provide sample of equipment upon request for review by Architect. Samples will be returned if requested in writing.
 2. Alternate equipment must be equal from the standpoint of materials, construction and performance.
 3. Alternate submittal must be presented to the Engineer/Architect ten (10) days prior to bid date for approval.
- B. The Architect and Engineer shall be the sole judge of quality and equivalence of equipment, materials and methods.

2.02 All materials and products used on this project shall be listed by Underwriters' Laboratories.

2.03 ACCESS DOORS

- A. Wherever access is required in walls or ceilings to concealed junction boxes, pull boxes, equipment, etc., installed under this Division, furnish a hinged access door and frame with flush latch handle to another Division for installation. Doors shall be as follows:
1. Plaster Surfaces: Milcor Style K.
 2. Ceramic Tile Surfaces: Milcor Style M.
 3. Drywall Surfaces: Milcor Style DW.
 4. Install panels only in locations approved by the Architect.

2.04 EQUIPMENT PADS

- A. Unless noted otherwise 4" high concrete pads for floor mounted equipment shall be installed under Division 3. Pads shall conform to the shape of the equipment with a minimum of 3" margin at equipment supports. Top and sides of pads shall be troweled to a smooth finish, equal to floor. External corners shall be bullnosed to a 3/4" radius, unless shown otherwise.

2.05 ESCUTCHEONS

- A. Provide heavy chrome or nickel plated plates, of approved pattern, on conduit passing through walls, floors and ceilings in finished areas. Where conduit passes through a sleeve, no point of the conduit shall touch the building construction. Caulk around such conduit with sufficient layers of two hour rated firesafing by Thermafiber 4.0 P.C.F. density, U.S.G. fire test 4/11/78 and seal off openings between conduit and sleeves with non-hardening mastic prior to application of escutcheon plate. Escutcheons shall be Gravler Sure-Lock, or approved equal.

2.06 SPACE LIMITATIONS

- A. Equipment shall be chosen which shall properly fit into the physical space provided and shown on the drawings, allowing ample room for access, servicing, removal and replacement of parts, etc. Adequate space shall be allowed for clearances in accordance with Code requirements. Physical dimensions and arrangement of equipment shall be subject to the approval of the Architect.

2.07 PAINTING

- A. All factory assembled equipment for electrical work, except light fixtures, that normally is delivered with a factory applied finish shall be delivered with a hard surface factory applied finish such as baked-on machinery enamel which will not require additional field painting. The finish shall consist of not less than 2 coats of medium gray color paint USA No. 61 Munsell Notation 8-3G, 6. 10/0.54 enamel. This Contractor shall protect this finish from damage due to construction operations until acceptance of the building. He shall be responsible for satisfactorily restoring any such finishes or replacing equipment that becomes stained or damaged.

2.08 ELECTRICAL SYSTEM IDENTIFICATION

- A. Conduit Systems: Provide adequate marking of major conduit which is exposed or concealed in accessible spaces to distinguish each run as either a power or signal/communication conduit. Except as otherwise indicated, use orange banding with black lettering. Provide self-adhesive or snap-on type plastic markers. Indicate voltage for that raceway. Locate markers at ends of conduit runs, on pull boxes, on junction boxes, near switches and other control devices, near items of equipment served by the conductors, at points where conduit passes through walls or floors, or enters non-accessible construction and at spacings of not more than 50 feet along each run of conduit. Switch-leg conduit and short branches for power connections do not have to be marked, except where conduit is larger than 3/4 inch. Branch circuit conduits, junction boxes and pull boxes shall be marked with a permanent marker indicating panel name and branch circuit numbers.
- B. Underground Cable Identification: Bury a continuous, preprinted, bright colored plastic ribbon cable marker with each underground cable (or group of cables), regardless of whether conductors are in conduit, duct bank, or direct buried. Locate each directly over cables, 6 to 8 inches below finished grade.
- C. Identification of Equipment:

1. All major equipment shall have a manufacturer's label identifying the manufacturer's address, equipment model and serial numbers, equipment size, and other pertinent data. Care shall be taken not to obliterate this nameplate in any way.
2. A black-white-black laminated plastic engraved identifying nameplate shall be secured by stainless steel screws to each automatic transfer switch, switchboard, distribution panel, motor control center, motor starter panels and panelboards.
 - a. Identifying nameplates shall have ¼ inch high engraved letters and shall contain the following information:
 - 1) Name
 - 2) Voltage
 - 3) Phase
 - 4) "3" or "4" wire, and
 - 5) Where it is fed from.
 - b. An example of a panelboard nameplate is:
Center Panel – 1HB
480/277 volt, 3 phase, 4 wire
Center Fed from DP2
 - c. An example of an automatic transfer switch nameplate is:
Center ATS #2
480/277 volt, 3 phase, 4 wire, 4 pole
Center Fed from MSB and DPE
3. Each feeder device in a switchboard, distribution panel, and motor control center device shall have a nameplate showing the load served in ½ inch high engraved letters.
4. A black-white-black laminated plastic engraved identifying nameplate shall be secured by screws to each safety switch, disconnect switch, individual motor starter, enclosed circuit breaker, wireway, and terminal cabinet.
 - a. Identifying nameplates shall have ¼ inch high engraved letters and shall indicate the equipment served.
 - b. An example if a disconnect switch is: AHU-1.
5. Cardholders and directory cards shall be furnished for circuit identification in panelboards. Cardholder shall be located on inside of panel door and shall be in a metal frame with clear plastic front. Circuit lists shall be typewritten. Circuit descriptions shall include location and name of each item of equipment served. Spares and spaces shall be written in erasable pencil for future use. Circuit directory shall show the room served by each circuit. The final graphs/signage room numbers shall be used. Do not use Architectural numbering on plans.
6. Prohibited Markings: Markings which are intended to identify the manufacturer, vendor, or other source from which the material has been obtained are prohibited for installation within public, tenant, or common areas within the project. Also, prohibited are materials or devices which bear evidence that markings or insignias have been removed. Certification, testing (example, Underwriters' Laboratories, Inc.), and approval labels are exceptions to this requirement.
7. Warning Signs: Provide warning signs where there is hazardous exposure associated with access to or operation of electrical facilities. Provide text of sufficient clarity and lettering of sufficient size to convey adequate information at each location; mount permanently in an appropriate and effective location. Comply with recognized industry standards for color and design.
8. Operational Tags: Where needed for proper and adequate information on operation and maintenance of electrical system, provide tags of plasticized card stock, either preprinted or hand printed. Tags shall convey the message, example: "DO NOT OPEN THIS SWITCH WHEN BURNER IS OPERATING."

PART 3 - EXECUTION

3.01 EXCAVATING AND BACKFILLING

- A. Trenching and backfilling and other earthwork operations required to install the facilities specified herein shall conform to the applicable requirements of Division 2 (95% of maximum standard density). Where trenching or excavation is required in improved areas, the backfill shall be compacted to a condition equal to that of adjacent undisturbed earth and the surface of the area restored to the condition existing prior to trenching or excavating operations. Provide a minimum of 3" of sand underneath all conduits. The plans indicate information pertaining to surface and sub-surface obstructions; however, this information is not guaranteed. Should obstructions be encountered whether or not shown, the Contractor shall alter routing of new work, reroute existing lines, remove obstructions where permitted, or otherwise perform whatever work is necessary to satisfy the purpose of new work and leave existing surfaces and structures in a satisfactory and serviceable condition. **All work shall comply with OSHA Standards.**

3.02 WORKMANSHIP AND CONCEALMENT

- A. The work of this Section shall be performed by workman skilled in their trade. Installation shall be consistent in completeness whether concealed or exposed. Each item of electrical work shall be concealed in walls, chases, under floors and above ceilings except:
1. Where shown to be exposed.
 2. Where exposure is necessary to the proper function.

3.03 SLEEVES, CUTTING AND PATCHING

- A. This section shall be responsible for placing sleeves for all conduit passing through walls, partitions, sound walls, beams, floors, roof, etc. Sleeves through below-grade walls shall use water-tight fitting manufactured by O.Z. Gedy.
- B. All cutting and patching will be done under another Division, but this Section will be responsible for timely performance of this work and layout of holes and setting sleeves.
- C. All un-used sleeves shall be sealed with 2 hour UL approved fire sealant manufactured by "3M" or approved equal.
- D. Refer to 26 05 33 for additional requirements.

3.04 ELECTRICAL GEAR

- A. Install all electrical equipment in accordance with the National Electrical Code and as shown on the drawings.
- B. Lighting contractors, time clocks, disconnect switches, etc. mounted in mechanical/electrical rooms shall be mounted at a working height not requiring a ladder, when wall space is available. Installation of these devices at greater elevations shall be approved by the Engineer. Contractor shall provide a coordination sketch of each mechanical/electrical room noting locations and mounting heights of all electrical devices(note bottom and top elevations) shown to be installed. Sketches shall be provided to the Engineer for review and the general contractor for coordination with other trades working in these rooms.

3.05 CLEANING

- A. Clean lighting fixtures and equipment.
- B. Touch-up and refinish scratches and marred surfaces on panels, switches, starters, and transformers.

3.06 TESTS AND INSPECTIONS

- A. Tests and inspection requirements shall be coordinated with Division I.
- B. Date for final acceptance test shall be sufficiently in advance of completion date of contract to permit alterations or adjustments necessary to achieve proper functioning of equipment prior to contract completion date.
- C. Conduct re-tests as directed by Architect on portions of work or equipment altered or adjusted as determined to be necessary by final acceptance test. No resultant delay or consumption of time as a result of such necessary re-test beyond contract completion date shall relieve Contractor of his responsibility under contract.
- D. Put circuits and equipment into service under normal conditions, collectively and separately, as may be required to determine satisfactory operation. Demonstrate equipment to operate in accordance with requirements of these specifications. Perform tests in the presence of Architect. Furnish instruments and personnel required for tests.
- E. Final Inspection:
 - 1. At the time designated by the Architect, the entire system shall be inspected by the Architect and Engineer. The contractor or his representative shall be present at this inspection.
 - 2. Panelboards, switches, fixtures, etc., shall be cleaned and in operating condition.
 - 3. Certificates and documents required hereinbefore shall be in order and presented to the Architect prior to inspection.
 - 4. Panel covers, junction box covers, etc., shall be removed for visual inspection of the wire, bus bars, etc.
 - 5. After the inspection, any items which are noted as needing to be changed or corrected in order to comply with these specifications and the drawings shall be accomplished without delay.
- F. The contractor shall provide a thermographic test using an independent testing laboratory using an infrared scanning device. This test shall include but not limited to all switchboards, distribution panelboards, panelboards, automatic transfer switches and other electrical distribution devices. This test shall be conducted to locate high temperature levels. This test shall be conducted between 3 to 8 months after occupancy, but not beyond the one year warranty period. Submit test to the architect and engineer using test reporting forms. All unacceptable conditions shall be corrected prior to the end of the warranty period.

END OF SECTION 26 02 00

SECTION 26 05 26 - GROUNDING

PART 1 - GENERAL

1.01 GENERAL REQUIREMENTS

- A. The requirements of the General Conditions and Supplementary Conditions apply to all work herein.

1.02 SCOPE

- A. **WORK COMBINED WITH OTHER SECTIONS:** Combine the work specified herein with the following Sections to form a single responsibility for the Work:
 - 1. Electrical.
 - 2. Basic materials and methods.
- B. Provide electrical service, equipment and wiring device grounding as shown, scheduled and as specified.
- C. The types of grounding include, but not limited to, the grounding bonding of all equipment devices, building steel piping, and as required by the National Electrical Code, Local Inspection Department and Power Company.

1.03 STANDARDS

- A. NATIONAL ELECTRICAL CODE (NFPA-70)
- B. Local municipal and State codes that have jurisdiction.
- C. NECA

1.04 ACCEPTABLE MANUFACTURES

- A. Provide grounding products manufactured by Copperweld and Cadweld.

1.05 SUBMITTALS

- A. Shop drawings shall include, but not limited to the following:
 - 1. Cut sheets of ground rods, clamps and connectors.
 - 2. Grounding system diagram.

PART 2 - PRODUCTS

- A. **GENERAL:** Provide all materials required to construct a complete grounded electrical system.
- B. **GROUND RODS:** Ground rods shall be 3/4" inch diameter by 10 feet long construction with copper jacket and a steel core.
- C. **CLAMPS:** Ground clamps shall be copper except for steel or iron pipes in which the clamps shall be galvanized iron.
- D. **CONDUCTORS:** Conductors shall be connected by means of an approved pressure connector or clamp.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. GENERAL: Install grounding system as shown and specified to ensure a properly grounded system.
- B. SERVICE ENTRANCE GROUNDING SYSTEM: Provide a main bonding jumper between the neutral and ground bus of each switchboard. Route a separate grounding electrode conductor in conduit from each **[main gutter]** to the ground rod grid, incoming cold water piping system, **[and to the "lightning protection system" (250 - 106 of NEC) under ground bonding loop]**. Provide a bonding jumper around water meter. The grounding electrode conductor shall be stranded copper, 98% conductivity and shall be run continuous without splices or joints and installed at least 12" below grade.
- C. BUILDING STEEL AND PIPING SYSTEM: Install a bonding jumper between building steel and metallic piping systems to bond them to the electrical grounding system.
- D. NEUTRAL: The neutral shall be grounded only at the service entrance and other separately derived systems. The neutral shall be kept separate from the grounding system and shall not be used as a ground.
- E. GROUNDING SEPARATELY DERIVED ALTERNATING CURRENT SYSTEM
 - 1. TRANSFORMERS: The center point (neutral) of each wye connected transformer shall be bonded to the case and a grounding electrode conductor shall be connected to a ground rod or building steel.
 - 2. STANDBY EMERGENCY GENERATOR: The generator neutral shall be bonded to the generator when a 4 pole switched neutral automatic transfer switch is specified.
- F. GROUNDING CONDUCTOR: A grounding conductor and metallic conduit system shall bond all equipment served by the electrical system. Provide a flexible bonding jumper for isolated metallic piping and ductwork and around expansion fittings and joints.
- G. CONDUIT GROUNDING BUSHING:

Conduit terminating in equipment that has a ground bus such as switchboards, panelboards, etc., shall have grounding bushings installed. Ground each conduit by means of a grounding bushing and to the ground bus in the equipment.
- H. MOTORS: The frame of all motors shall be grounded.
- I. SPECIAL GROUNDING: Provide a #6 AWG copper grounding conductor for each telephone board, television system, etc. Terminate the grounding conductor on ground bus and to the building electrical grounding system. Refer to 800-40(d) and 820-40(d) of the NEC.
- J. REMOTE PANELBOARDS: Provide a grounding electrode conductor all remote panels as required by the NEC and shown on drawings.
- K. LIGHTING FIXTURES: Flexible fixture whips containing a green grounding conductor shall be used to connect light fixtures. Flexible fixture whips shall not exceed ten feet.
- L. RECEPTACLES: All receptacles shall be grounded using the branch circuit grounding

conductor. Receptacles shall use an approved grounding yoke.

- 3.02 TESTING: Perform a ground resistance test using a biddle analog or digital portable earth/ground resistance tester. The system resistance shall not exceed 5 OHMS. Provide additional electrodes as required (refer to 250-84 of the NEC or the most current edition 250-56). Test shall not be conducted following wet weather. Provide personal instruments to conduct these tests and submit certified test for review. Test shall be verified by Engineer.

END OF SECTION

EXTERIOR LED LIGHTING
26 56 19

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

- 1. Exterior solar lighting that is designed for and exclusively use LED lamp technology.
- 2. Luminaire supports.
- 3. Luminaire-mounted photoelectric relays.

B. Scope of work

- 1. Furnish and install 62 street solar LED lights.
- 2. Install (1) light pole at each intersection as shown on plans.
- 3. Provide all-in-one solar light fixture and prefabricated light pole on a foundation.
- 4. Contractor shall call 811 and verify existing conditions prior to excavation.
- 5. Mark and spot luminaire poles away from existing utilities. Contractor shall repair and restore any damages to existing utilities.

C. Related Requirements:

- 1. Section 260923 "Lighting Control Devices" for automatic control of lighting, including time switches, photoelectric relays, occupancy sensors, and multipole lighting relays and contactors.
- 2. Section 260926 "Lighting Control Panelboards" for panelboard-based lighting control.
- 3. Section 260933 "Central Dimming Controls" or Section 260936 "Modular Dimming Controls" for architectural dimming systems specified in Section 265100.
- 4. Section 260943.16 "Addressable-Luminaire Lighting Controls" and Section 260943.23 "Relay-Based Lighting Controls" for manual or programmable control systems with low-voltage control wiring or data communication circuits.
- 5. Section 265613 "Lighting Poles and Standards" for poles and standards used to support exterior lighting equipment.

1.3 DEFINITIONS

- A. CCT: Correlated color temperature.
- B. CRI: Color rendering index.
- C. Fixture: See "Luminaire."
- D. IP: International Protection or Ingress Protection Rating.

- E. Lumen: Measured output of lamp and luminaire, or both.
- F. Luminaire: Complete lighting unit, including lamp, reflector, and housing.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of luminaire.
 - 1. Arrange in order of luminaire designation.
 - 2. Include data on features, accessories, and finishes.
 - 3. Include physical description and dimensions of luminaire.
 - 4. Lamps, include life, output (lumens, CCT, and CRI), and energy-efficiency data.
 - 5. Photometric data and adjustment factors based on laboratory tests, complying with **[IES Lighting Measurements Testing and Calculation Guides, of each luminaire type. The adjustment factors shall be for lamps and accessories identical to those indicated for the luminaire as applied in this Project] [IES LM-79] [IES LM-80].**
 - a. Manufacturer's Certified Data: Photometric data certified by manufacturer's laboratory with a current accreditation under the NVLAP for Energy Efficient Lighting Products.
 - b. Testing Agency Certified Data: For indicated luminaires, photometric data certified by a qualified independent testing agency. Photometric data for remaining luminaires shall be certified by manufacturer.
 - 6. Wiring diagrams for power, control, and signal wiring.
 - 7. Photoelectric relays.
 - 8. Means of attaching luminaires to supports and indication that the attachment is suitable for components involved.
- B. Shop Drawings: For nonstandard or custom luminaires.
 - 1. Include plans, elevations, sections, and mounting and attachment details.
 - 2. Include details of luminaire assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
 - 3. Include diagrams for power, signal, and control wiring.
- C. Sustainable Design Submittals:
 - 1. <Double click to insert sustainable design text for BUG Rating.>
 - 2. <Double click to insert sustainable design text for luminaire calculation requirements.>
 - 3. <Double click to insert sustainable design text for lighting submittals.>
- D. Samples: For each luminaire and for each color and texture indicated with factory-applied finish.
- E. Product Schedule: For luminaires and lamps. **[Use same designations indicated on Drawings.]**
- F. Delegated-Design Submittal: For luminaire supports.
 - 1. Include design calculations for luminaire supports **[and seismic restraints]**.

1.5 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: Plans, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:
 - 1. Luminaires.
 - 2. Structural members to which **[equipment] [and]** luminaires will be attached.
 - 3. Underground utilities and structures.
 - 4. Existing underground utilities and structures.
 - 5. Above-grade utilities and structures.
 - 6. Existing above-grade utilities and structures.
 - 7. Building features.
 - 8. Vertical and horizontal information.
 - 9. Coordinate "Qualification Data" Paragraph below with qualification requirements in Section 014000 "Quality Requirements" and as may be supplemented in "Quality Assurance" Article.
- B. Qualification Data: For testing laboratory providing photometric data for luminaires.
- C. Seismic Qualification Data: For luminaires, accessories, and components, from manufacturer.
 - 1. Basis for Certification: Indicate whether withstand certification is based on actual test of assembled components or on calculation.
 - 2. Dimensioned Outline Drawings of Equipment Unit: Identify center of gravity and locate and describe mounting and anchorage provisions.
 - 3. Detailed description of equipment anchorage devices on which the certification is based and their installation requirements.
- D. Product Certificates: For each type of the following:
 - 1. Luminaire.
 - 2. Photoelectric relay.
- E. Product Test Reports: For each luminaire, for tests performed by **[manufacturer and witnessed by a qualified testing agency] [a qualified testing agency]**.
- F. Source quality-control reports.
- G. Sample warranty.

1.6 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For luminaires **[and photoelectric relays]** to include in operation and maintenance manuals.
 - 1. Provide a list of all lamp types used on Project. Use ANSI and manufacturers' codes.
 - 2. Provide a list of all photoelectric relay types used on Project; use manufacturers' codes.

1.7 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Lamps: [**Ten for every 100**] of each type and rating installed. Furnish at least one of each type.
2. Glass, Acrylic, and Plastic Lenses, Covers, and Other Optical Parts: [**One for every 100**] of each type and rating installed. Furnish at least one of each type.
3. Diffusers and Lenses: [**One for every 100**] of each type and rating installed. Furnish at least one of each type.
4. Globes and Guards: [**One for every 20**] of each type and rating installed. Furnish at least one of each type.

1.8 QUALITY ASSURANCE

- A. Luminaire Photometric Data Testing Laboratory Qualifications: Luminaire manufacturers' laboratory that is accredited under the NVLAP for Energy Efficient Lighting Products.
- B. Luminaire Photometric Data Testing Laboratory Qualifications: Provided by an independent agency, with the experience and capability to conduct the testing indicated, that is an NRTL as defined by OSHA in 29 CFR 1910.7, accredited under the NVLAP for Energy Efficient Lighting Products and complying with applicable IES testing standards.
- C. Provide luminaires from a single manufacturer for each luminaire type.
- D. Each luminaire type shall be binned within a three-step MacAdam Ellipse to ensure color consistency among luminaires.
- E. Installer Qualifications: An authorized representative who is trained and approved by manufacturer.
- F. Mockups: For exterior luminaires, complete with power and control connections.
 1. Obtain Engineer's approval of luminaires in mockups before starting installations.
 2. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed work.
 3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Engineer specifically approves such deviations in writing.
 4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Protect finishes of exposed surfaces by applying a strippable, temporary protective covering prior to shipping.

1.10 FIELD CONDITIONS

- A. Verify existing and proposed utility structures prior to the start of work associated with luminaire installation.
- B. Mark locations of exterior luminaires for approval by Engineer prior to the start of luminaire installation.

1.11 WARRANTY

- A. Warranty: Manufacturer and Installer agree to repair or replace components of luminaires that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures, including luminaire support components.
 - b. Faulty operation of luminaires and accessories.
 - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 2. Warranty Period: **[5]** year(s) from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Luminaires shall withstand the effects of earthquake motions determined according to **[ASCE/SEI 7]**
- B. Seismic Performance: Luminaires and lamps shall be labeled vibration and shock resistant.
 - 1. The term "withstand" means "the luminaire will remain in place without separation of any parts when subjected to the seismic forces specified **[and the luminaire will be fully operational during and after the seismic event]."**

2.2 LUMINAIRE REQUIREMENTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. NRTL Compliance: Luminaires shall be listed and labeled for indicated class and division of hazard by an NRTL.
- C. FM Global Compliance: Luminaires for hazardous locations shall be listed and labeled for indicated class and division of hazard by FM Global.
- D. UL Compliance: Comply with UL 1598[**and listed for wet location**].
- E. Lamp base complying with **[ANSI C81.61]** [or] **[IEC 60061-1]**.
- F. Bulb shape complying with ANSI C79.1.
- G. CRI of **[minimum]** **[80]**. CCT of **[4100 K]**.
- H. L70 lamp life of **[50,000]** hours.
- I. Lamps dimmable from 100 percent to 0 percent of maximum light output.
- J. Internal driver.

- K. Nominal Operating Voltage: [**12-24V**].
- L. In-line Fusing: [**On the primary for each luminaire**].
- M. Lamp Rating: Lamp marked for [**outdoor use**].
- N. Source Limitations: Obtain luminaires from single source from a single manufacturer.
- O. Source Limitations: For luminaires, obtain each color, grade, finish, type, and variety of luminaire from single source with resources to provide products of consistent quality in appearance and physical properties.

2.3 LUMINAIRE-MOUNTED PHOTOELECTRIC RELAYS

- A. <Double click here to find, evaluate, and insert list of manufacturers and products.>
- B. Comply with UL 773 or UL 773A.
- C. Contact Relays: Factory mounted, single throw, designed to fail in the on position, and factory set to turn light unit on at 1.5 to 3 fc (16 to 32 lx) and off at 4.5 to 10 fc (48 to 108 lx) with 15-second minimum time delay. [**Relay shall have directional lens in front of photocell to prevent artificial light sources from causing false turnoff.**]
 - 1. Relay with locking-type receptacle shall comply with ANSI C136.10.
 - 2. Adjustable window slide for adjusting on-off set points.

2.4 LUMINAIRE TYPES

- 1. Acceptable Manufactures:
 - a) Visionaire Lighting <https://visionairelighting.com/> Contact: Rick Purdy (210) 930 - 7517
 - b) SolarOne® Solutions Inc · www.solarone.net Contact: Mike Canales (956) 432 - 4885
 - c) Fonroche Lighting America www.FonrocheSolarLighting.com Contact: Mike Canales (956) 432 – 4885
 - d) Jianmen Wonon Optp- Electronic Technology Co., Ltd www.wononlighting.com Contact: Nancy Wang +86–750-3987392
 - e) Substitutions shall be provided to the engineer 10 days prior to bid.
- 2. Luminaire-Mounting Height: **<Insert height of luminaire from finished grade>**.
- 3. Mounting Type: [**Slip-Fitter Mount**].
- 4. Distribution: [**Type III**].
- 5. Diffusers and Globes: [**Clear polycarbonate**].
- 6. Housings:
 - a. [**Extruded-aluminum**] housing and heat sink.
 - b. [**powder-coat**] finish.

2.5 MATERIALS

- A. Metal Parts: Free of burrs and sharp corners and edges.

- B. Sheet Metal Components: [**Corrosion-resistant aluminum**] or [**Epoxy-coated steel**] [**Fiberglass**]. Form and support to prevent warping and sagging.
- C. Diffusers and Globes:
 - 1. Acrylic Diffusers: 100 percent virgin acrylic plastic, with high resistance to yellowing and other changes due to aging, exposure to heat, and UV radiation.
 - 2. Glass: Annealed crystal glass unless otherwise indicated.
 - 3. Lens Thickness: At least 0.125 inch (3.175 mm) minimum unless otherwise indicated.
- D. Lens and Refractor Gaskets: Use heat- and aging-resistant resilient gaskets to seal and cushion lenses and refractors in luminaire doors.
- E. Reflecting surfaces shall have minimum reflectance as follows unless otherwise indicated:
 - 1. White Surfaces: 85 percent.
 - 2. Specular Surfaces: 83 percent.
 - 3. Diffusing Specular Surfaces: 75 percent.
- F. Housings:
 - 1. Rigidly formed, weather- and light-tight enclosure that will not warp, sag, or deform in use.
 - 2. Provide filter/breather for enclosed luminaires.
- G. Factory-Applied Labels: Comply with UL 1598. Include recommended lamps. Labels shall be located where they will be readily visible to service personnel, but not seen from normal viewing angles when lamps are in place.
 - 1. Label shall include the following lamp characteristics:
 - a. "USE ONLY" and include specific lamp type.
 - b. Lamp diameter, shape, size, wattage and coating.
 - c. CCT and CRI for all luminaires.

2.6 FINISHES

- A. Variations in Finishes: Noticeable variations in same piece are unacceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- B. Luminaire Finish: Manufacturer's standard paint applied to factory-assembled and -tested luminaire before shipping. Where indicated, match finish process and color of pole or support materials.
- C. Factory-Applied Finish for Aluminum Luminaires: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
 - 1. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.

2. Natural Satin Finish: Provide fine, directional, medium satin polish (AA-M32); buff complying with AA-M20 requirements; and seal aluminum surfaces with clear, hard-coat wax.
3. Class I, Clear-Anodic Finish: AA-M32C22A41 (Mechanical Finish: Medium satin; Chemical Finish: Etched, medium matte; Anodic Coating: Architectural Class I, clear coating 0.018 mm or thicker) complying with AAMA 611.
4. Class I, Color-Anodic Finish: AA-M32C22A42/A44 (Mechanical Finish: Medium satin; Chemical Finish: Etched, medium matte; Anodic Coating: Architectural Class I, integrally colored or electrolytically deposited color coating 0.018 mm or thicker), complying with AAMA 611.
 - a. Color: **[Light gray]**.

D. Factory-Applied Finish for Steel Luminaires: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

1. Surface Preparation: Clean surfaces to comply with SSPC-SP 1, to remove dirt, oil, grease, and other contaminants that could impair paint bond. Grind welds and polish surfaces to a smooth, even finish. Remove mill scale and rust, if present, from uncoated steel, complying with SSPC-SP 5/NACE No. 1 or SSPC-SP 8.
2. Exterior Surfaces: Manufacturer's standard finish consisting of one or more coats of primer and two finish coats of high-gloss, high-build polyurethane enamel.
 - a. Color: As selected from manufacturer's standard catalog of colors.
 - b. Color: Match Engineer's sample of **[manufacturer's standard]** color.
 - c. Color: As selected by Engineer from manufacturer's full range.

2.7 LUMINAIRE SUPPORT COMPONENTS

A. Comply with requirements in Section 260529 "Hangers and Supports for Electrical Systems" for channel and angle iron supports and nonmetallic channel and angle supports.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Examine area for suitable conditions where luminaires will be installed.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 TEMPORARY LIGHTING

- A. If approved by the Engineer, use selected permanent luminaires for temporary lighting. When construction is substantially complete, clean luminaires used for temporary lighting and install new lamps.

3.3 GENERAL INSTALLATION REQUIREMENTS

- A. Comply with NECA 1.
- B. Use fastening methods and materials selected to resist seismic forces defined for the application and approved by manufacturer.
- C. Install lamps in each luminaire.
- D. Fasten luminaire to structural support.
- E. Supports:
 - 1. Sized and rated for luminaire weight.
 - 2. Able to maintain luminaire position after cleaning and relamping.
 - 3. Support luminaires without causing deflection of finished surface.
 - 4. Luminaire-mounting devices shall be capable of supporting a horizontal force of 100 percent of luminaire weight and a vertical force of 400 percent of luminaire weight.
- F. **[Install luminaires level, plumb, and square with finished grade unless otherwise indicated.] [Install luminaires at height and aiming angle as indicated on Drawings.]**
- G. Coordinate layout and installation of luminaires with other construction.
- H. Adjust luminaires that require field adjustment or aiming. **[Include adjustment of photoelectric device to prevent false operation of relay by artificial light sources, favoring a north orientation.]**
- I. Comply with requirements in Section 260519 "Low-Voltage Electrical Power Conductors and Cables" and Section 260533 "Raceways and Boxes for Electrical Systems" for wiring connections and wiring methods.

3.4 INSTALLATION OF INDIVIDUAL GROUND-MOUNTED LUMINAIRES

- A. Aim as indicated on Drawings.
- B. Install on concrete base with top **[4 inches (100 mm)** for Trail Lighting] above finished grade or surface at luminaire location. Cast conduit into base, and finish by troweling and rubbing smooth. Concrete materials, installation, and finishing are specified in Section 033000 "Cast-in-Place Concrete."

3.5 CORROSION PREVENTION

- A. Aluminum: Do not use in contact with earth or concrete. When in direct contact with a dissimilar metal, protect aluminum by insulating fittings or treatment.
- B. Steel Conduits: Comply with Section 260533 "Raceways and Boxes for Electrical Systems." In concrete foundations, wrap conduit with 0.010-inch- (0.254-mm-) thick, pipe-wrapping plastic tape applied with a 50 percent overlap.

3.6 IDENTIFICATION

- A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Section 260553 "Identification for Electrical Systems."

3.7 FIELD QUALITY CONTROL

- A. Inspect each installed luminaire for damage. Replace damaged luminaires and components.
- B. Perform the following tests and inspections [**with the assistance of a factory-authorized service representative**]:
 - 1. Operational Test: After installing luminaires, switches, and accessories, and after electrical circuitry has been energized, test units to confirm proper operation.
 - 2. Verify operation of photoelectric controls.
- C. Illumination Tests:
 - 1. Measure light intensities at night. Use photometers with calibration referenced to NIST standards. Comply with the following IES testing guide(s):
 - a. IES LM-5.
 - b. IES LM-50.
 - c. IES LM-52.
 - d. IES LM-64.
 - e. IES LM-72.
 - 2. Operational Test: After installing luminaires, switches, and accessories, and after electrical circuitry has been energized, test units to confirm proper operation.
- D. Luminaire will be considered defective if it does not pass tests and inspections.
- E. Prepare a written report of tests, inspections, observations, and verifications indicating and interpreting results. If adjustments are made to lighting system, retest to demonstrate compliance with standards.

3.8 DEMONSTRATION

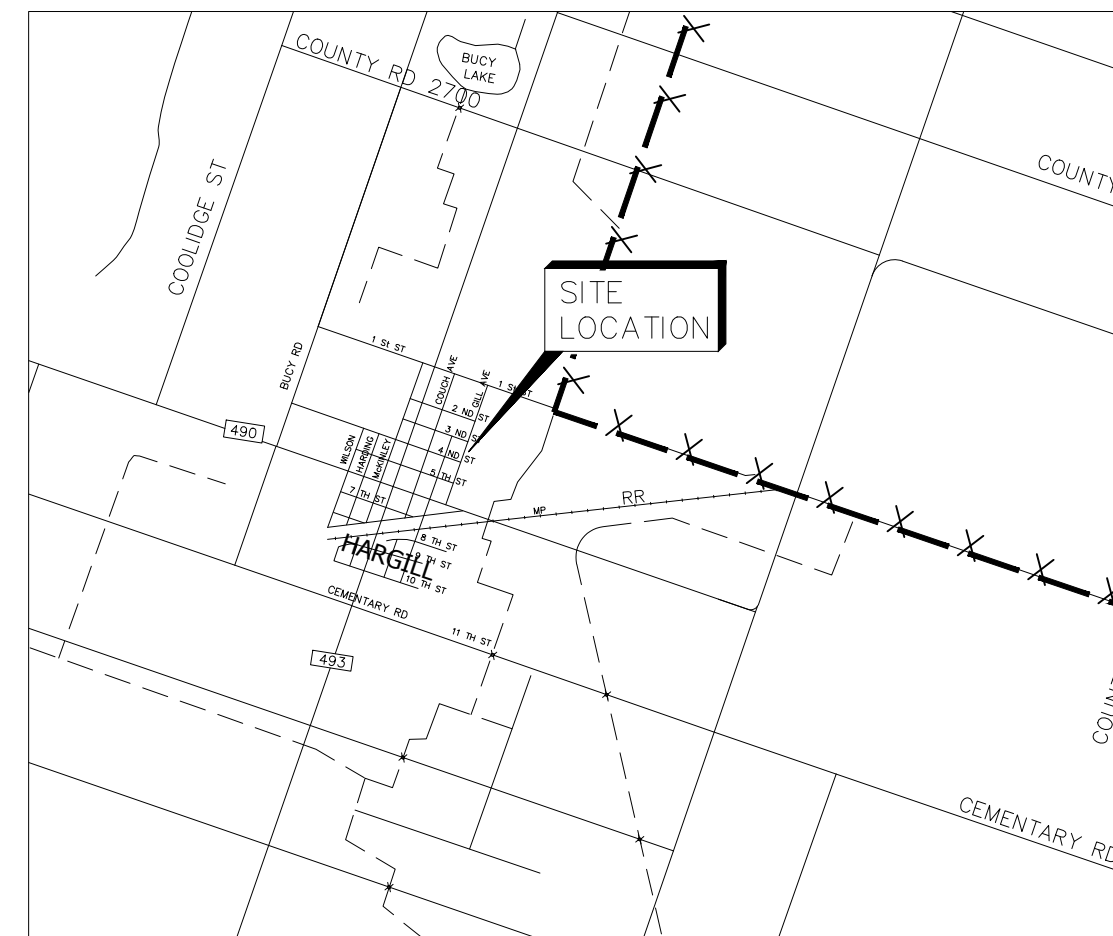
- A. [**Engage a factory-authorized service representative to train**] [**Train**] Owner's maintenance personnel to adjust, operate, and maintain luminaires[**and photocell relays**].

3.9 ADJUSTING

- A. Occupancy Adjustments: When requested within [**12**] months of date of Substantial Completion, provide on-site assistance in adjusting the direction of aim of luminaires to suit occupied conditions. Make up to [**two**] visits to Project during other-than-normal hours for this purpose. Some of this work may be required during hours of darkness.
 - 1. During adjustment visits, inspect all luminaires. Replace lamps or luminaires that are defective.
 - 2. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.


3. Adjust the aim of luminaires in the presence of the Engineer.

END OF SECTION 265619



LOCATION MAP:
N.T.S.

PROJECT CONTACTS:



RO ENGINEERING, PLLC
ENGINEERING AND CONSTRUCTION MANAGEMENT
2705 E. DAVIS RD.
EDINBURG, TEXAS 78539
Texas Firm Registration Number 12179

CONTACTS:

CITY OF EDINBURG 956-388-8210
CENTRAL POWER & LIGHT 800-245-4545
S.W. BELL TELEPHONE CO. 800-828-5127
SOUTHERN UNION GAS 956-444-3926
HARITAGE CABLEVISION 956-797-9494
DIG TESS 800-DIG-TESS (811)
TEXAS ONE CALL 800-545-6005
AEP 877-373-4858

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL OBTAIN ELECTRICAL PERMITS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL CALL 1-800-DIGTESS PRIOR TO ANY EXCAVATION OR DIGGING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND IDENTIFYING ALL UNDERGROUND UTILITIES PRIOR TO STARTING ANY WORK.
4. ALL ELECTRICAL WIRING AND CONDUIT SHALL BE CONCEALED AS TO PREVENT VANDALISM.
5. THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY CONFLICT AT THE SITE PRIOR TO INSTALLATION.

NOTE:

CONTRACTORS SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND ON THESE SET OF DRAWINGS, PRIOR TO ANY CONSTRUCTION.



HIDALGO COUNTY PRECINCT 1
HARGILL SOLAR LIGHTING

HARGILL, TX COMMUNITY FROM 1ST TO 11TH STREET
INTERSECTING FROM LINCOLN AND BUCY RD

COUNTY COMMISSIONERS

DAVID L. FUENTES.....COMMISSIONER PRECINCT 1

EDUARDO CANTU.....COMMISSIONER PRECINCT 2

EVERARDO VILLAREAL.....COMMISSIONER PRECINCT 3

ELLIE TORRES.....COMMISSIONER PRECINCT 4



INDEX TO SHEETS:

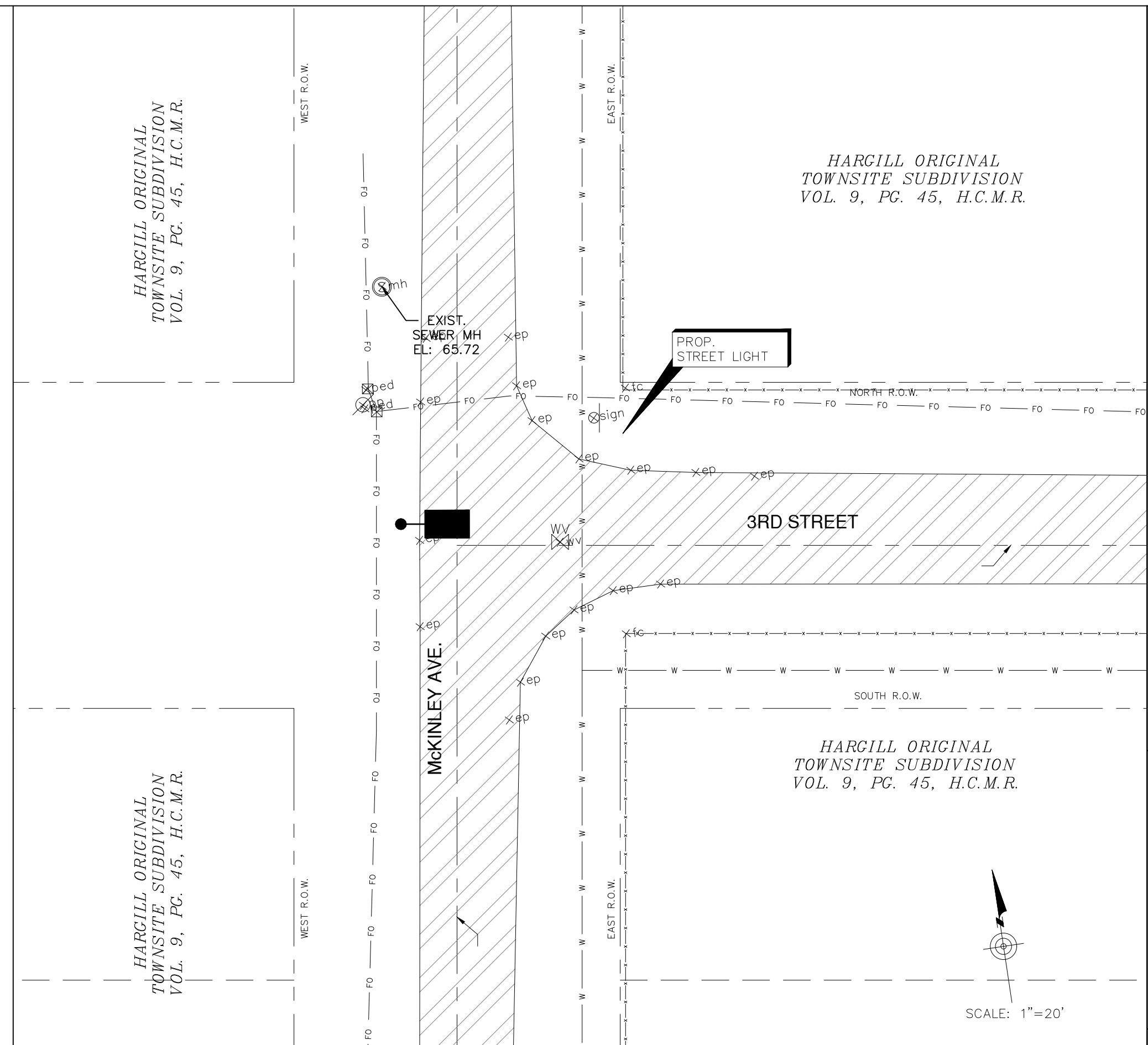
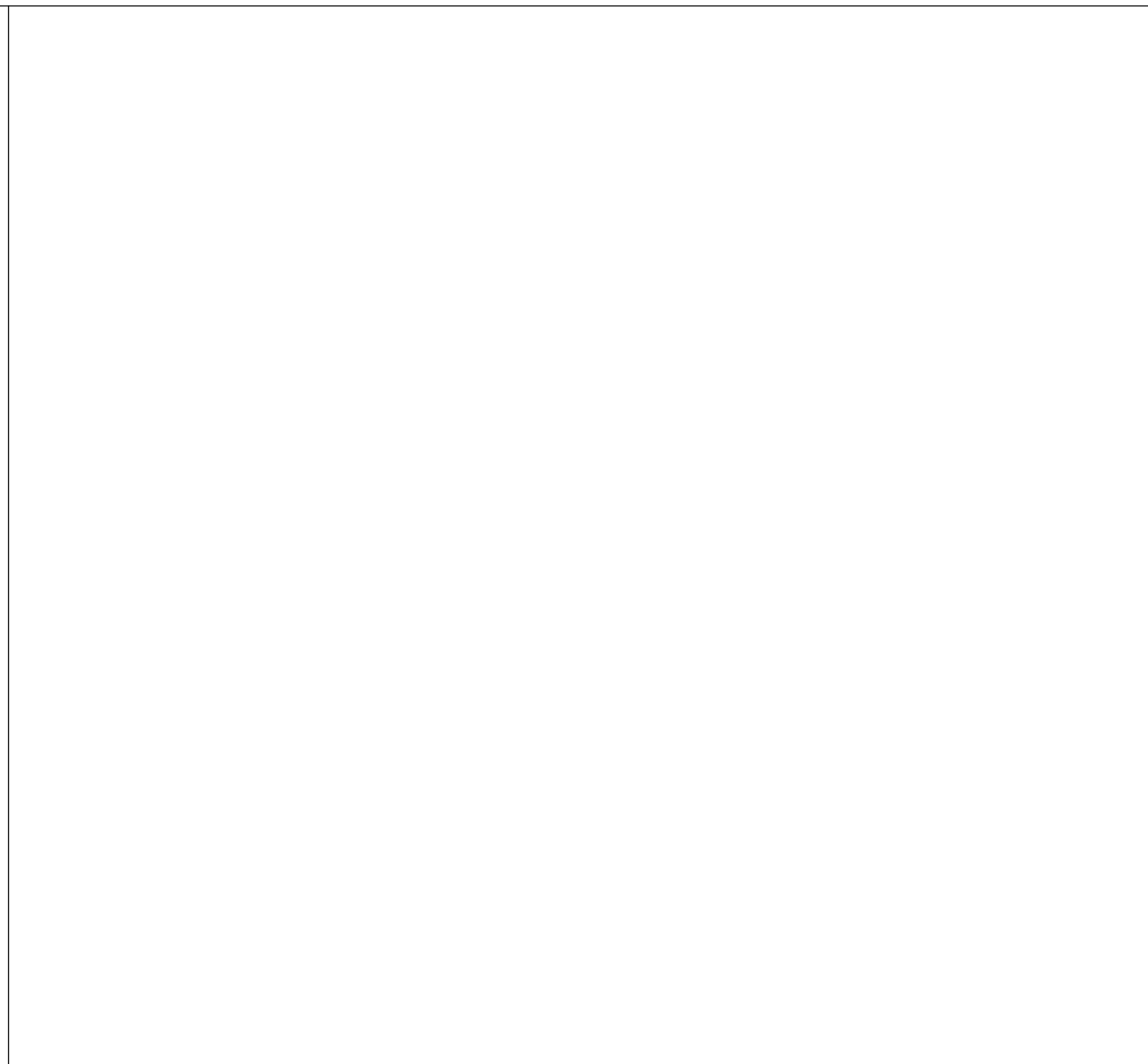
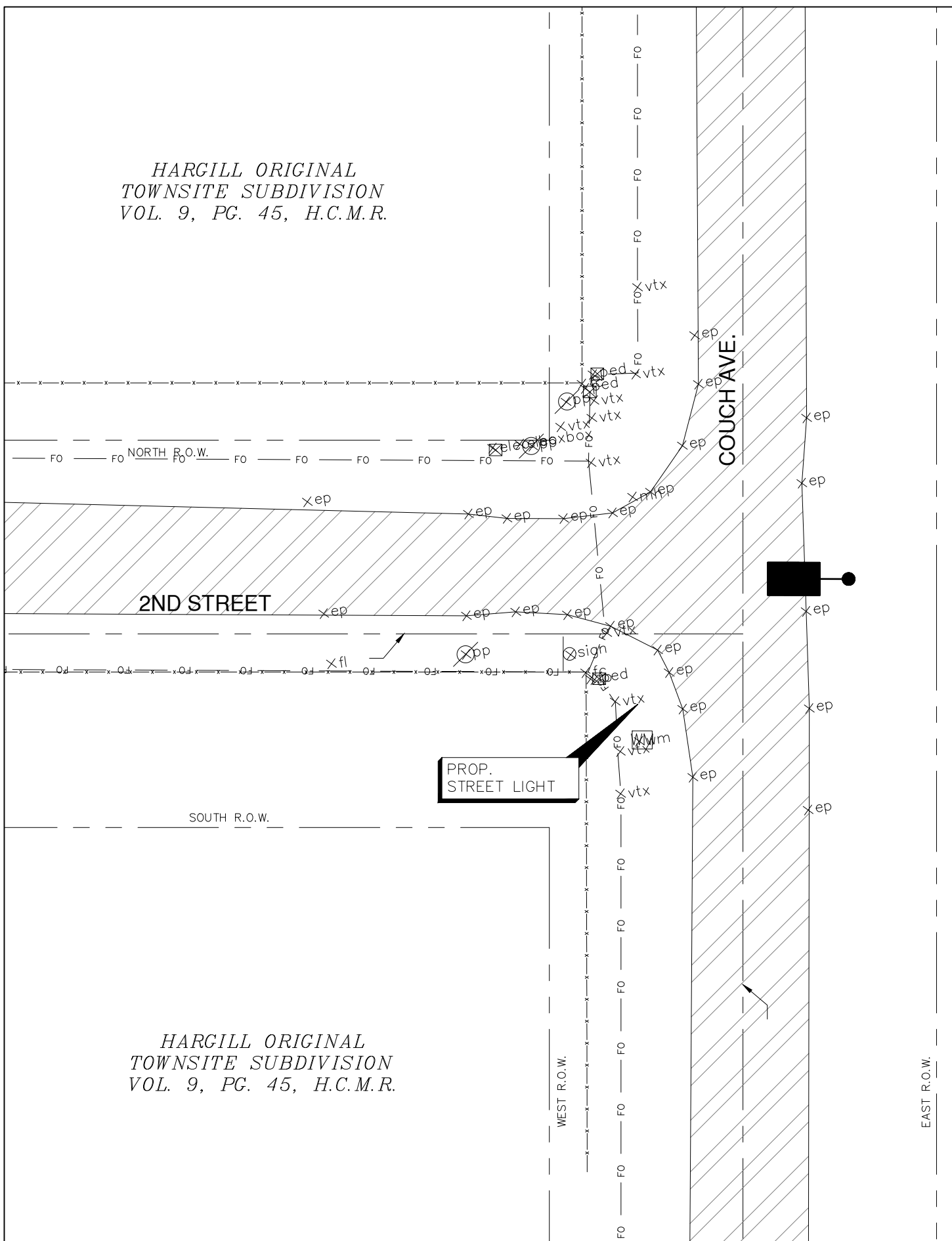
CONSTRUCTION DRAWING INDEX:

- CS-0 COVER & INDEX SHEET
- C-0 OVERALL SITE
- C-1 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- C-2 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- C-3 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- C-4 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- C-5 LIGHTING PLAN/PROPERTY LINE & UTILITIES
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- C-8 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- C-9 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- C-10 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- C-11 LIGHTING PLAN/PROPERTY LINE & UTILITIES
- S1.0 GENERAL STRUCTURAL NOTES
- S2.0 FOUNDATION & POLE DETAILS

GENERAL NOTES:

1. LOCATIONS AND GRADES OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES WHETHER PUBLIC OR PRIVATE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO DAMAGED LINES AT NO ADDITIONAL COST TO THE CITY.
2. CAUTION: GAS, FIBER OPTIC, TELEPHONE, ELECTRIC, AND CITY OF EDINBURG UTILITIES EXIST WITHIN THE LIMITS OF CONSTRUCTION OF THIS PROJECT. NOTIFY RESPECTIVE UTILITY COMPANIES. ANY DRAINAGE TO PUBLIC OR PRIVATE LINES SHALL BE REPAIRED IN ACCORDANCE WITH THE RESPECTIVE UTILITY COMPANY REQUIREMENTS. COST FOR SUCH REPAIRS SHALL BE SUBSIDIARY TO OTHER BID ITEMS OF THE PROJECT PROPOSAL.
3. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AS PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION AND THE CITY OF EDINBURG REQUIREMENTS. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY THE CITY ENGINEER, SEALED BY A REGISTERED PROFESSIONAL ENGINEER, PRIOR TO CONSTRUCTION. COST SHALL BE SUBSIDIARY TO ALL BID ITEMS.
4. THERE SHALL BE MINIMUM INTERRUPTION OF TRAFFIC AND ACCESS TO ADJACENT RESIDENTS ALONG THE PROJECT SITE. IF ROADS ARE TO BE CLOSED, THE CITY OF EDINBURG FIRE AND POLICE DEPARTMENTS SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE SUCH CLOSING.
5. CONTRACTOR TO FIELD VERIFY ALL SITE DIMENSIONS PRIOR TO COMMENCING IMPROVEMENTS.
6. CONTRACTOR TO INSTALL AS PER MANUFACTURER RECOMMENDATIONS.
7. CONTRACTOR SHALL AVOID INTERRUPTIONS TO NEIGHBORING RESIDENTS.
8. CONTRACTOR SHALL COORDINATE POWER OUTAGES WITH CITY OFFICIALS AND POWER COMPANY.

 <p>RO ENGINEERING, PLLC ENGINEERING & CONSTRUCTION MANAGEMENT 2705 E. DAVIS RD., SUITE A Edinburg, Texas 78540 TBE Firm Registration No. 12179 www.ro-engineering.com 956.513.1849 p</p>	<p>THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY RENE R. OLIVAREZ, P.E. 102302 TBE REGISTRATION NO. 12179</p> 
	<p>RO Project Number 2122</p> <p>R.O. -- -- --</p> <p>03/23/22</p>

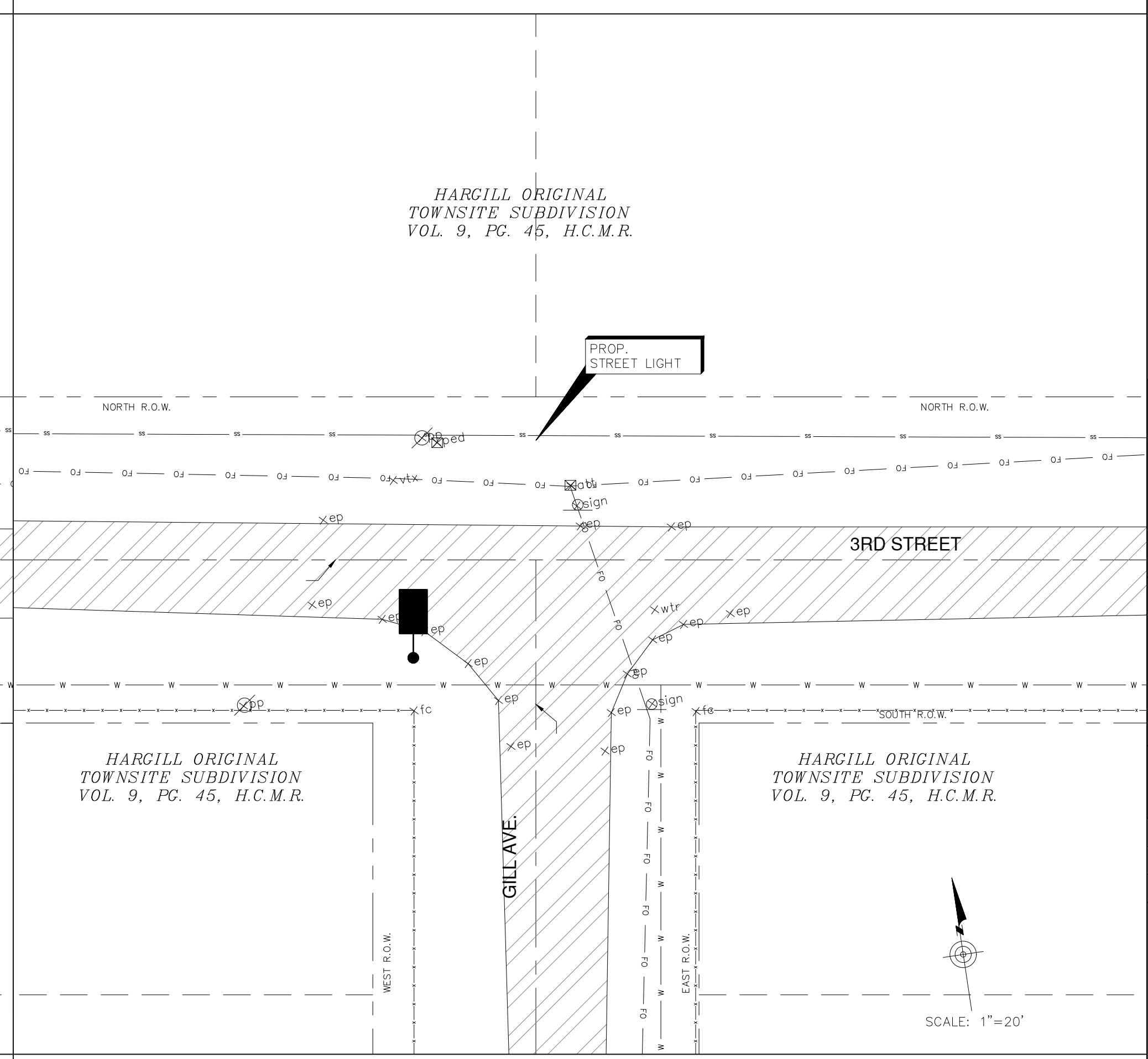
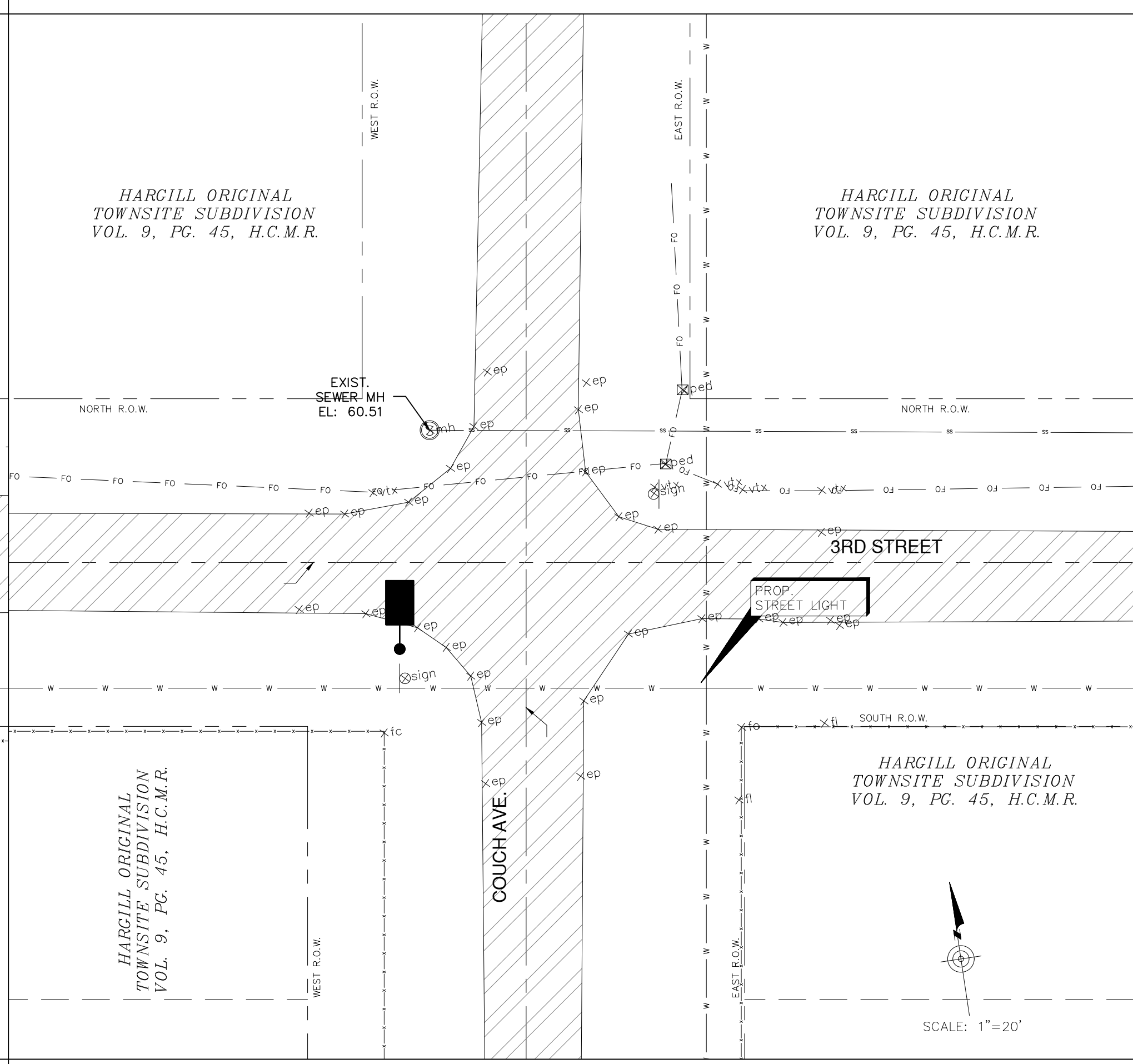
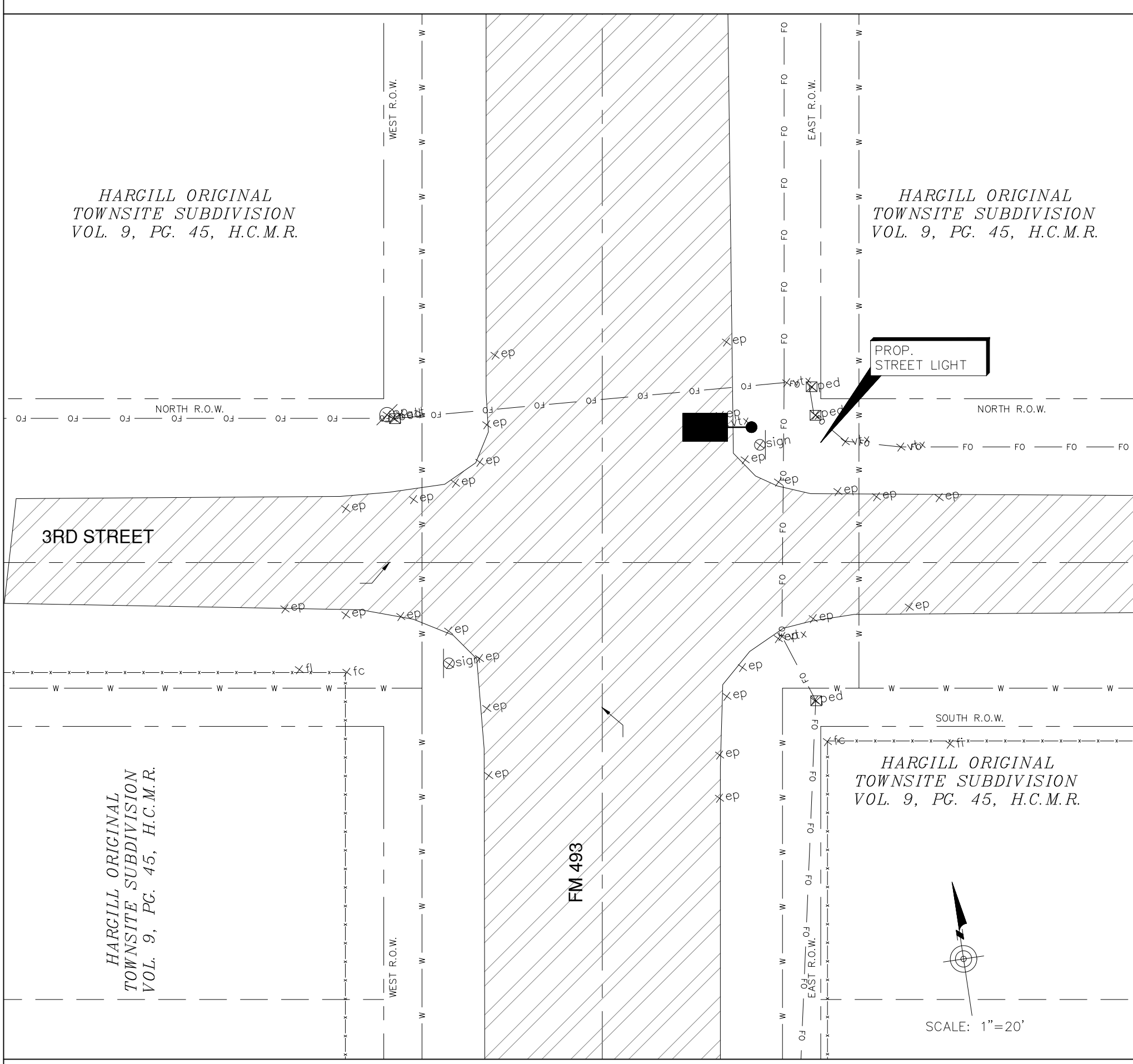


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TBPCE Firm Registration No. www.ro-ehg.com

INTERSECTION
2ND STREET & COUCH AVE.

INTERSECTION
2ND STREET & LINCOLN AVE.

INTERSECTION
3RD STREET & MCKINLEY AVE.



INTERSECTION
3RD STREET & FM 493

INTERSECTION
3RD STREET & COUCH AVE.

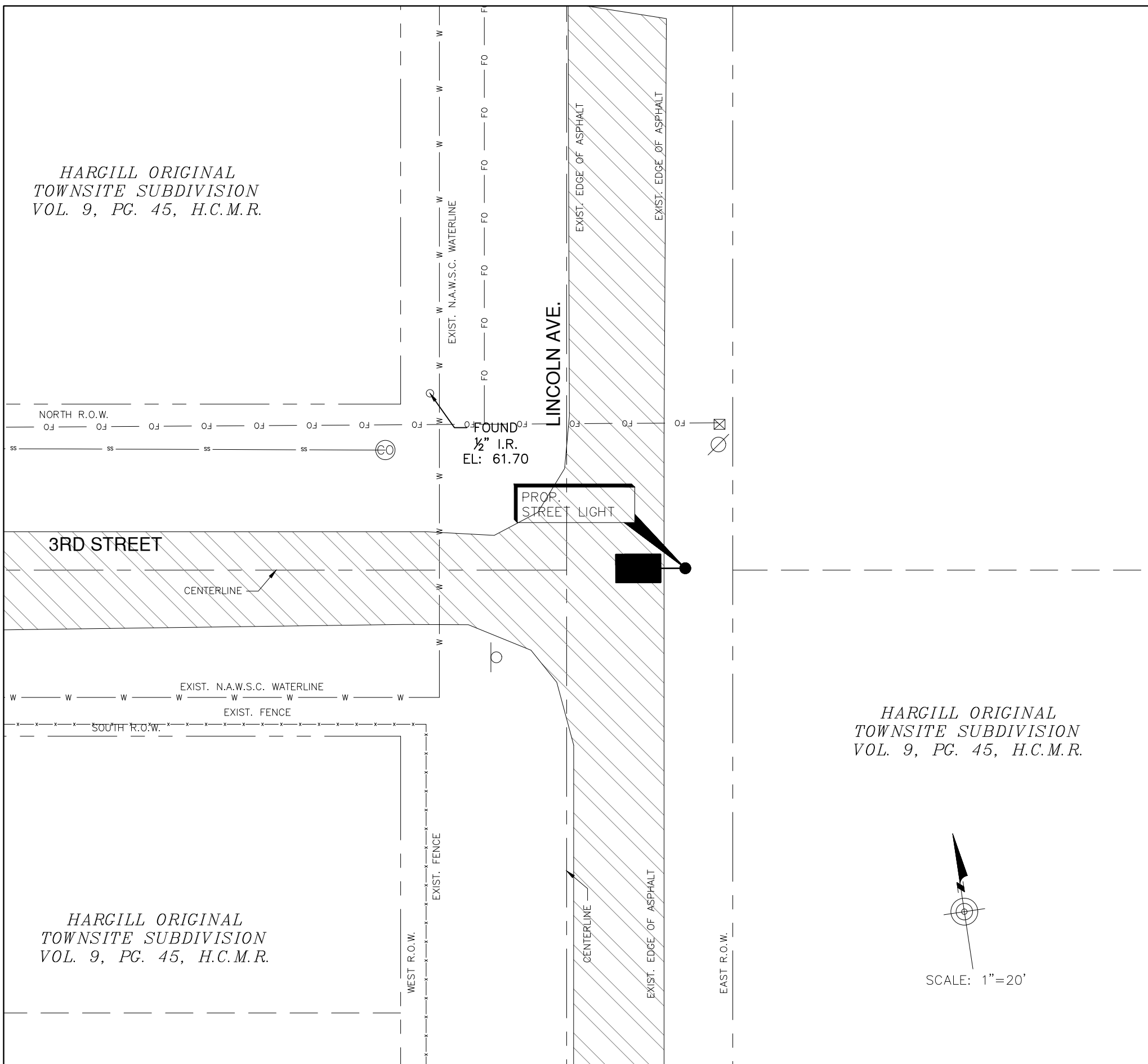
INTERSECTION
3RD STREET & GILL AVE.

PROJECT NAME
**HIDALGO COUNTY PCT 1
SOLAR LIGHTING**

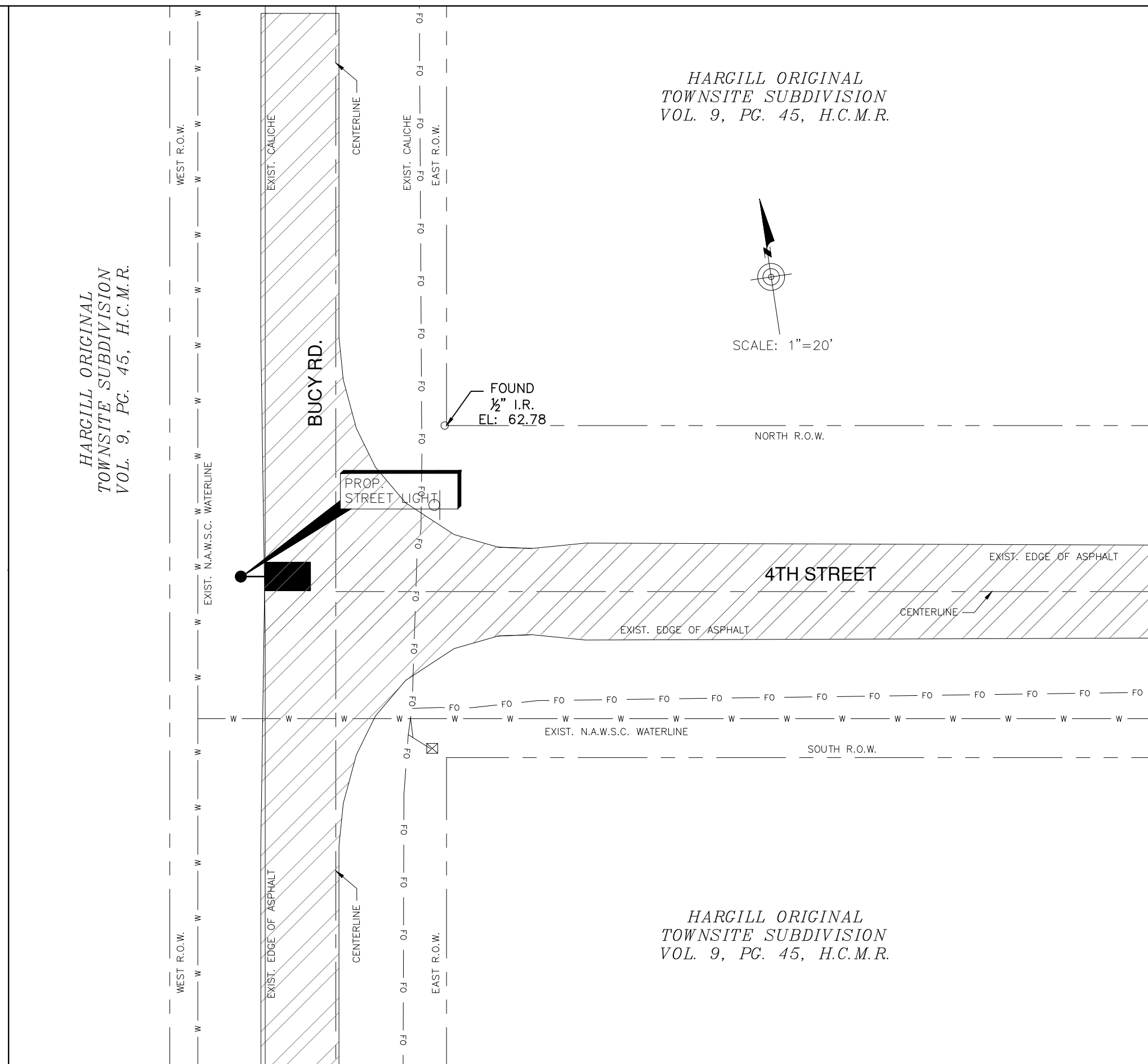
PROJECT LOCATION
HARGILL, TX

NO.	DATE	DESCRIPTION
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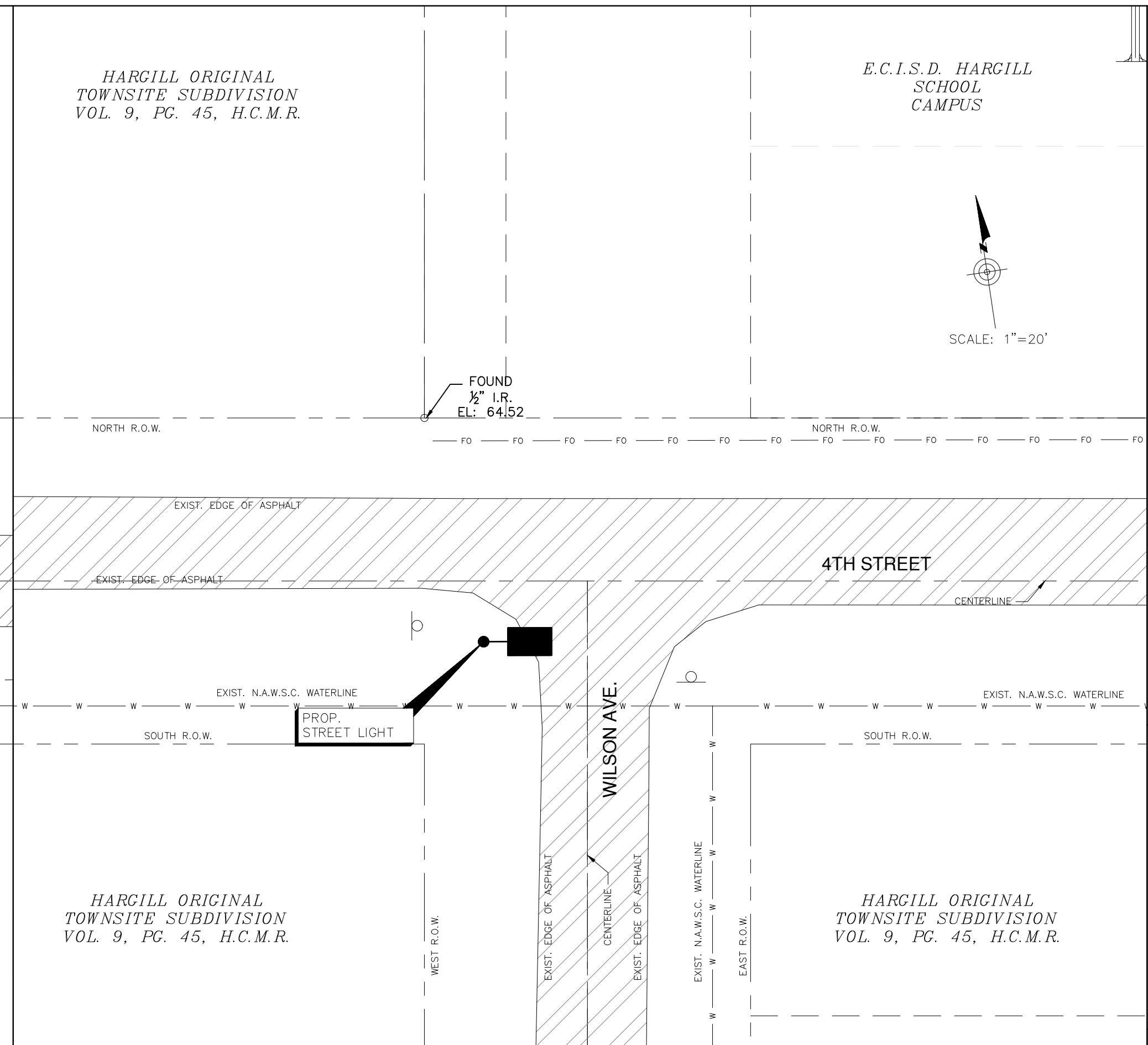
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DRAWN BY: J.Z.
CHECKED BY: R.O.
SHEET TITLE:



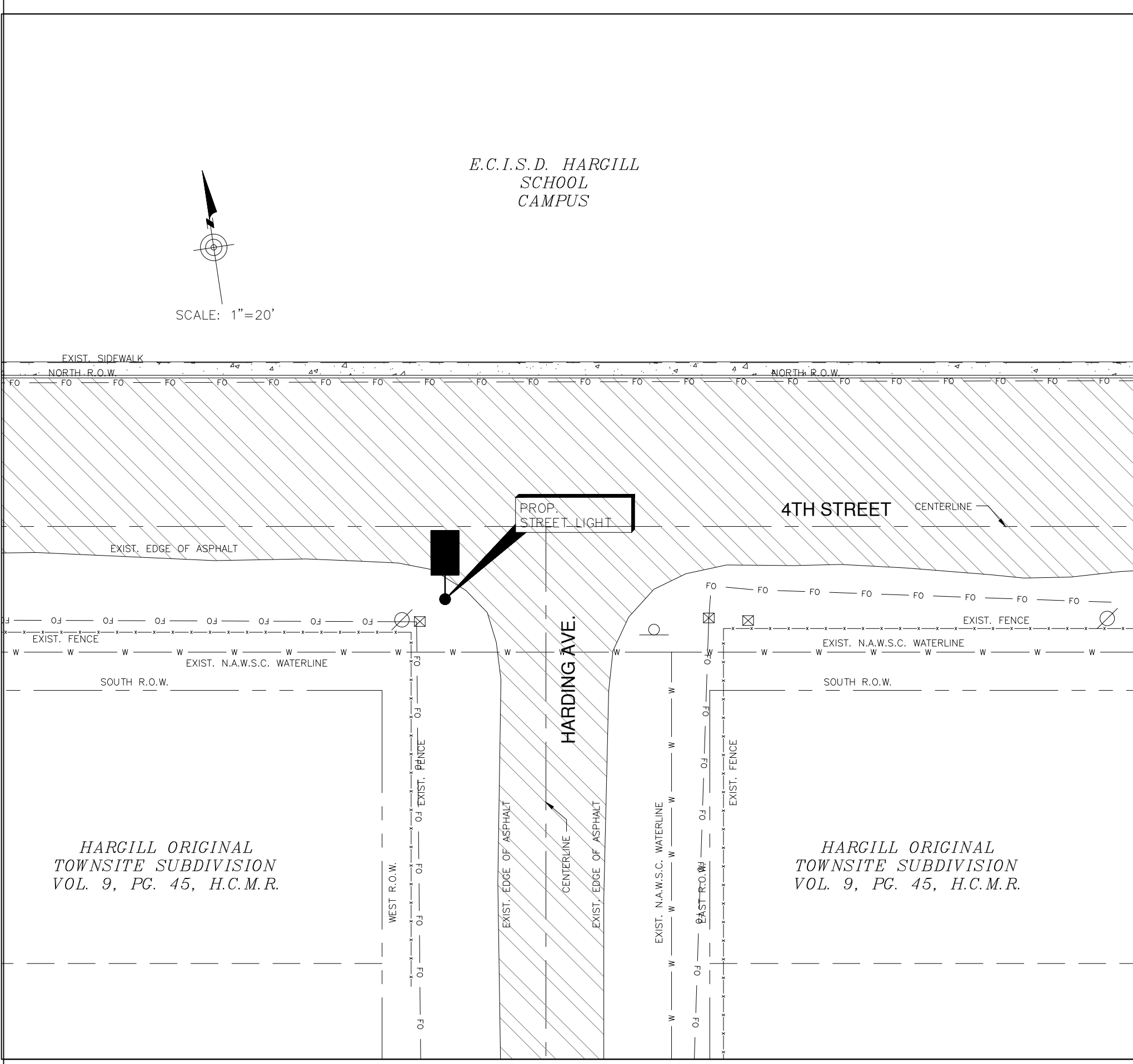
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3RD STREET & LINCOLN AVE.



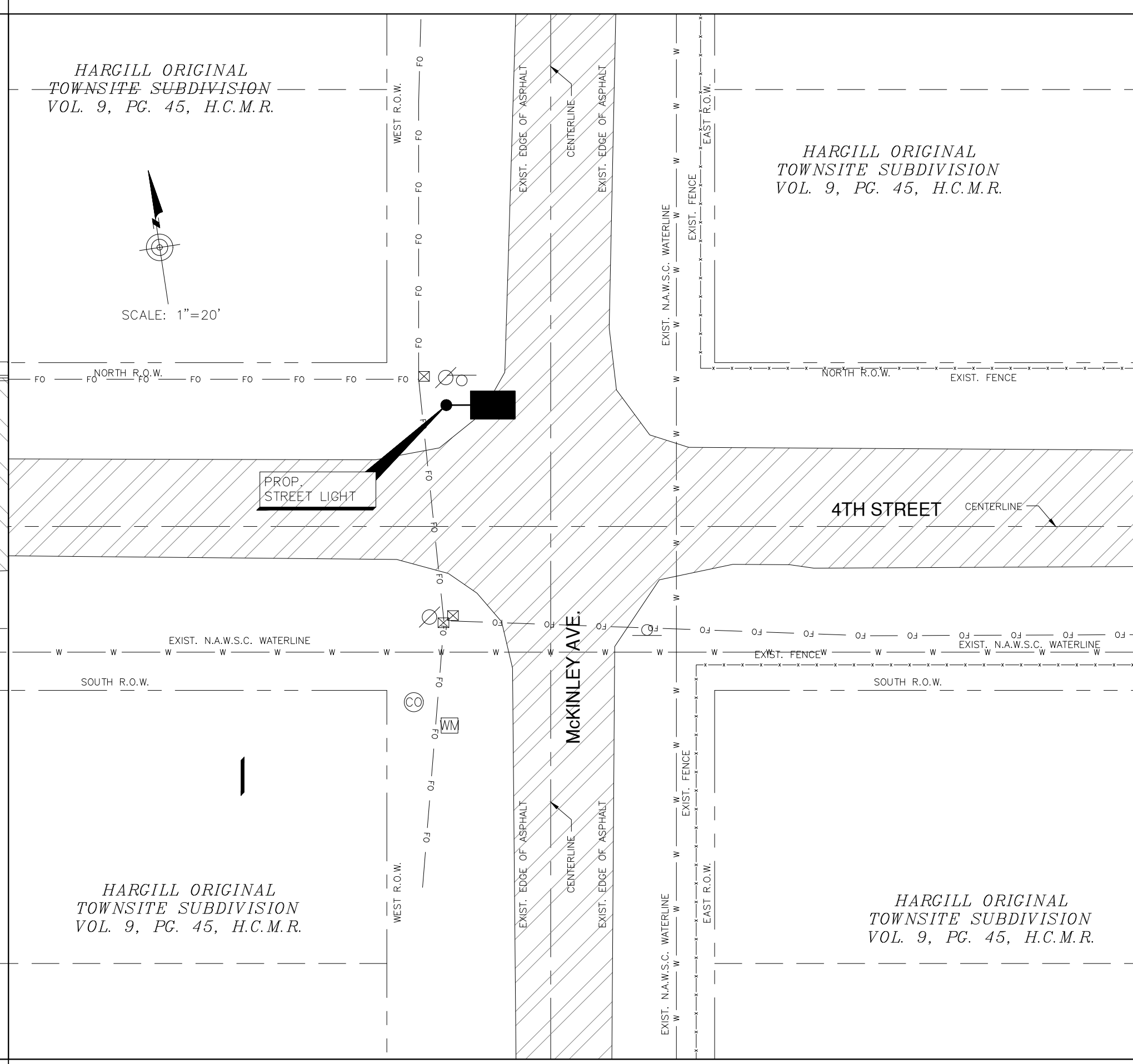
INTERSECTION
4TH STREET & BUCY RD.



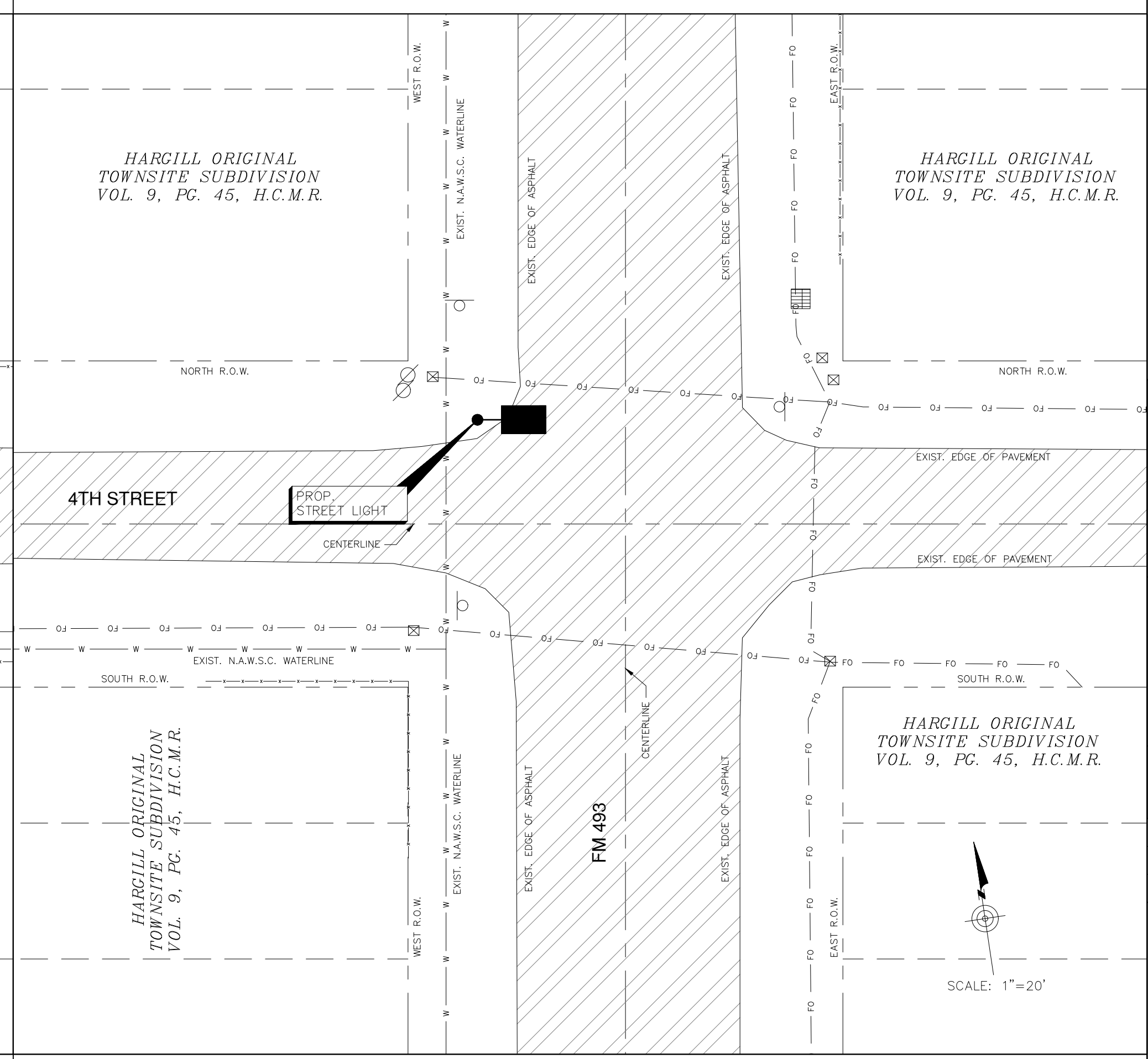
INTERSECTION
4TH STREET & WILSON AVE.



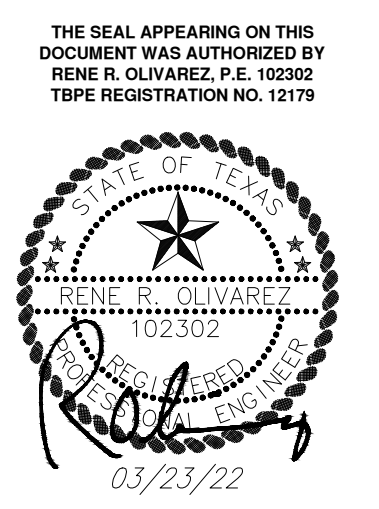
INTERSECTION
4TH STREET & HARDING AVE.



INTERSECTION
4TH STREET & MCKINLEY AVE.



INTERSECTION
4TH STREET & FM 493



PROJECT NAME
**HIDALGO COUNTY PCT 1
SOLAR LIGHTING**

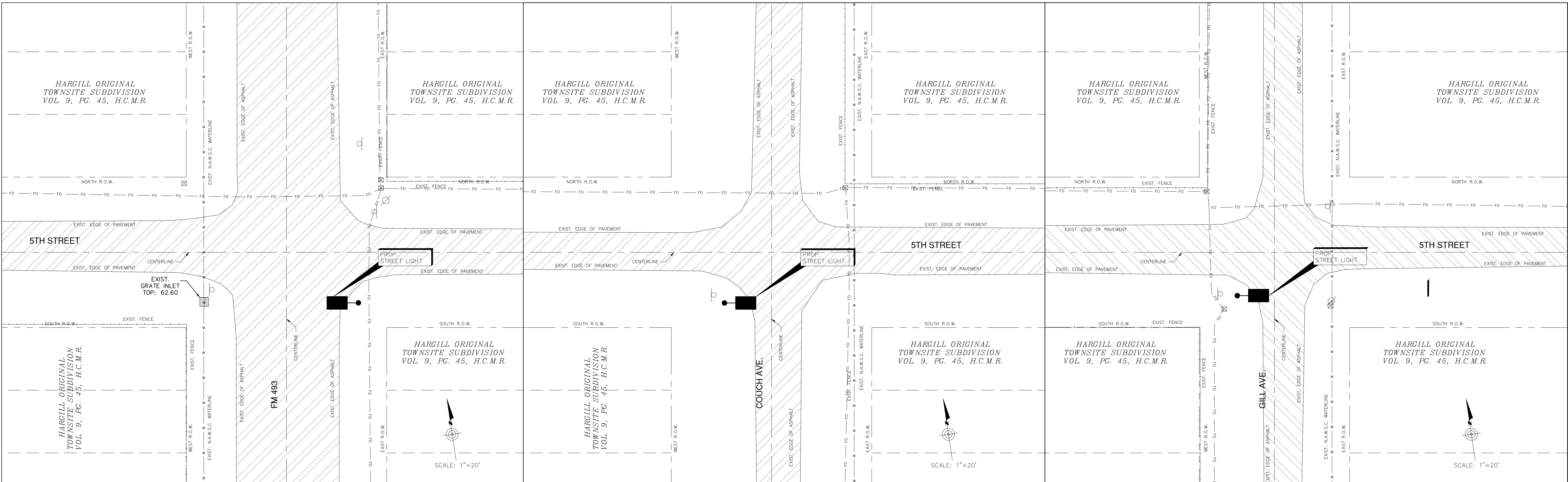
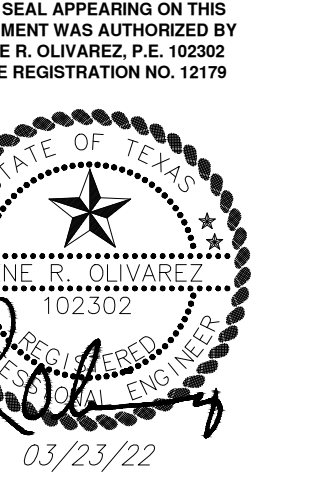
PROJECT LOCATION
HARGILL, TX

NO.	DATE	DESCRIPTION

PROJECT NO.: 2122
DRAWN BY: J.Z.
CHECKED BY: R.O.
SHEET TITLE:

**LIGHTING PLAN/
PROPERTY LINE &
UTILITIES**

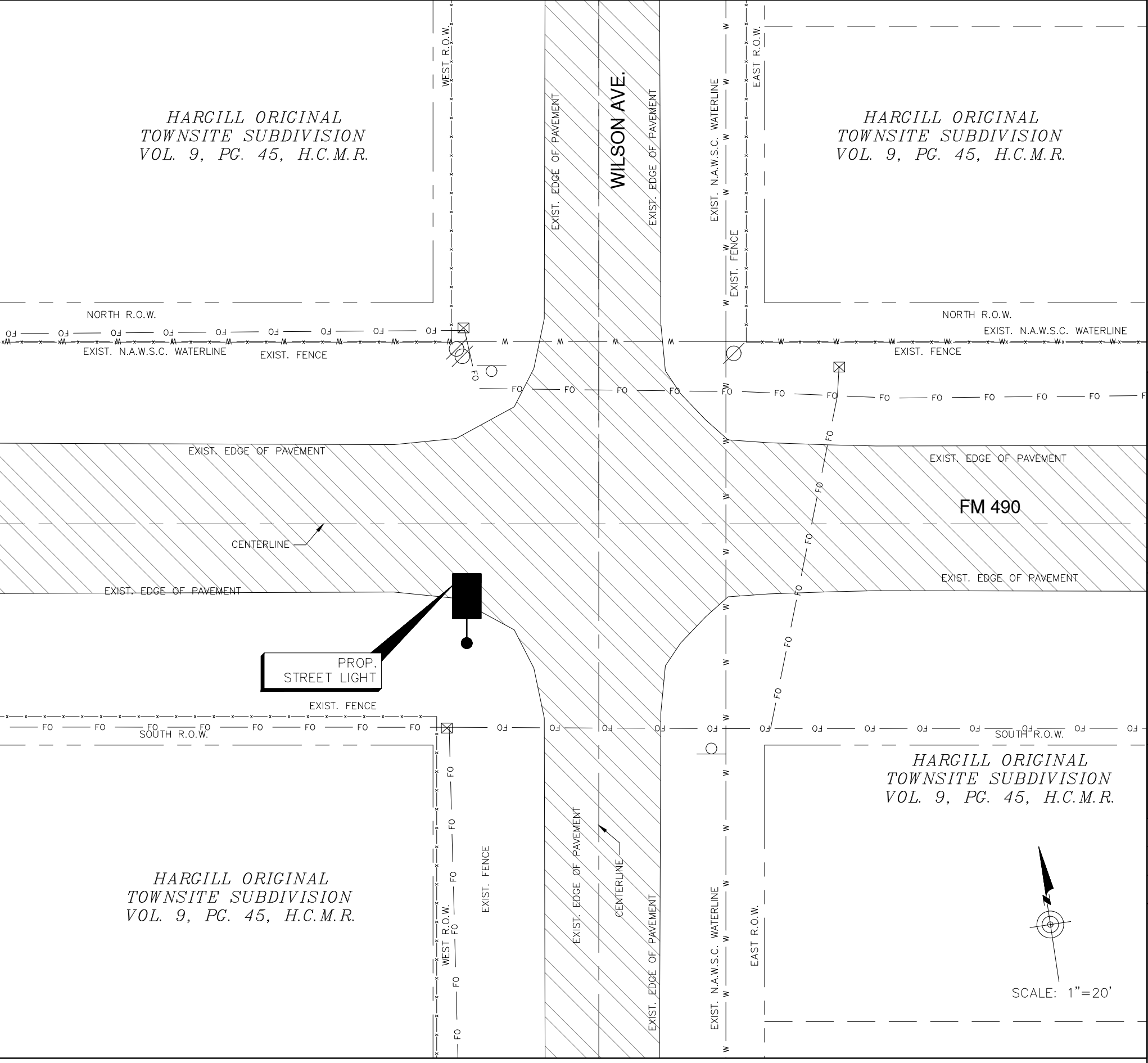
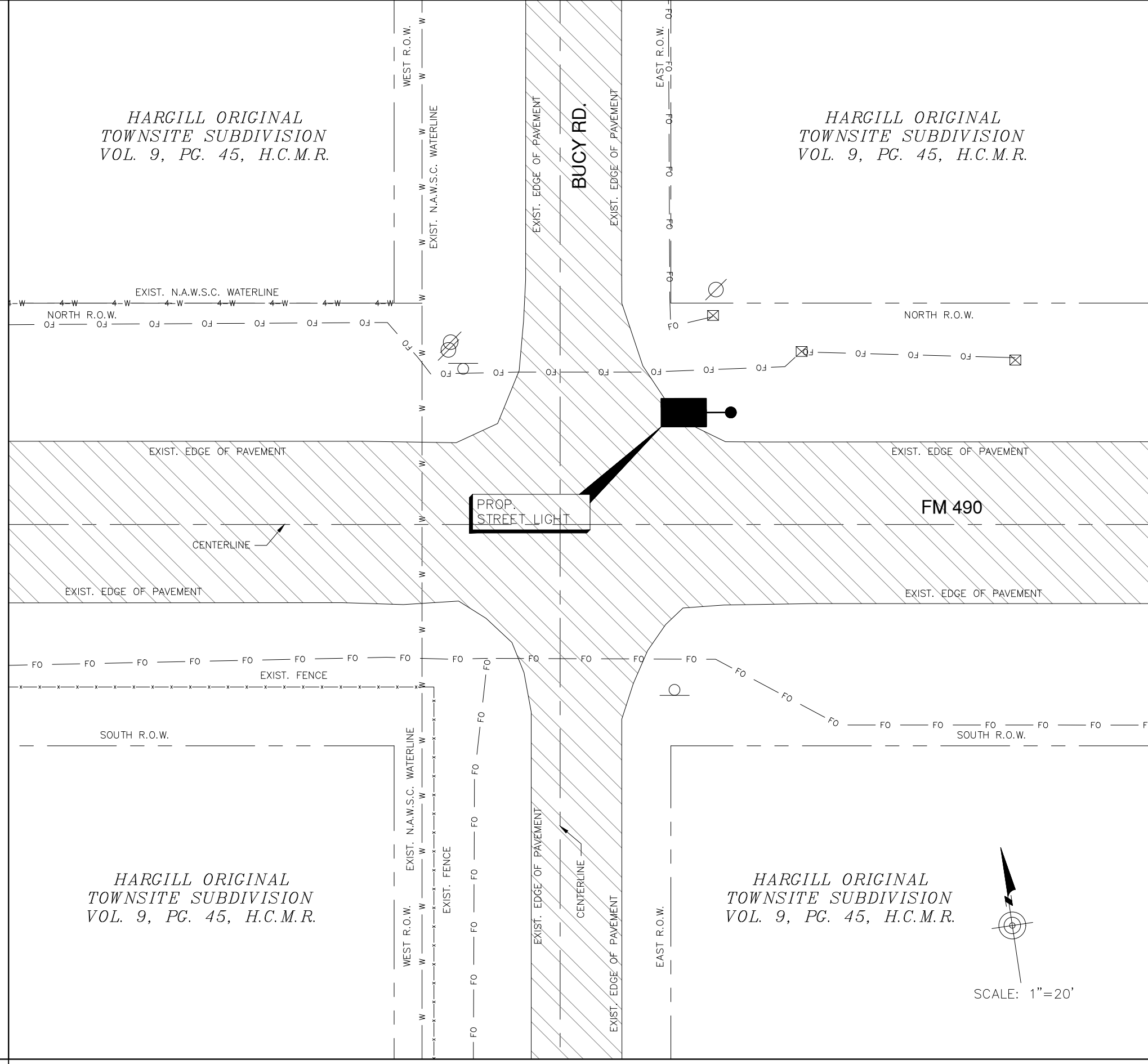
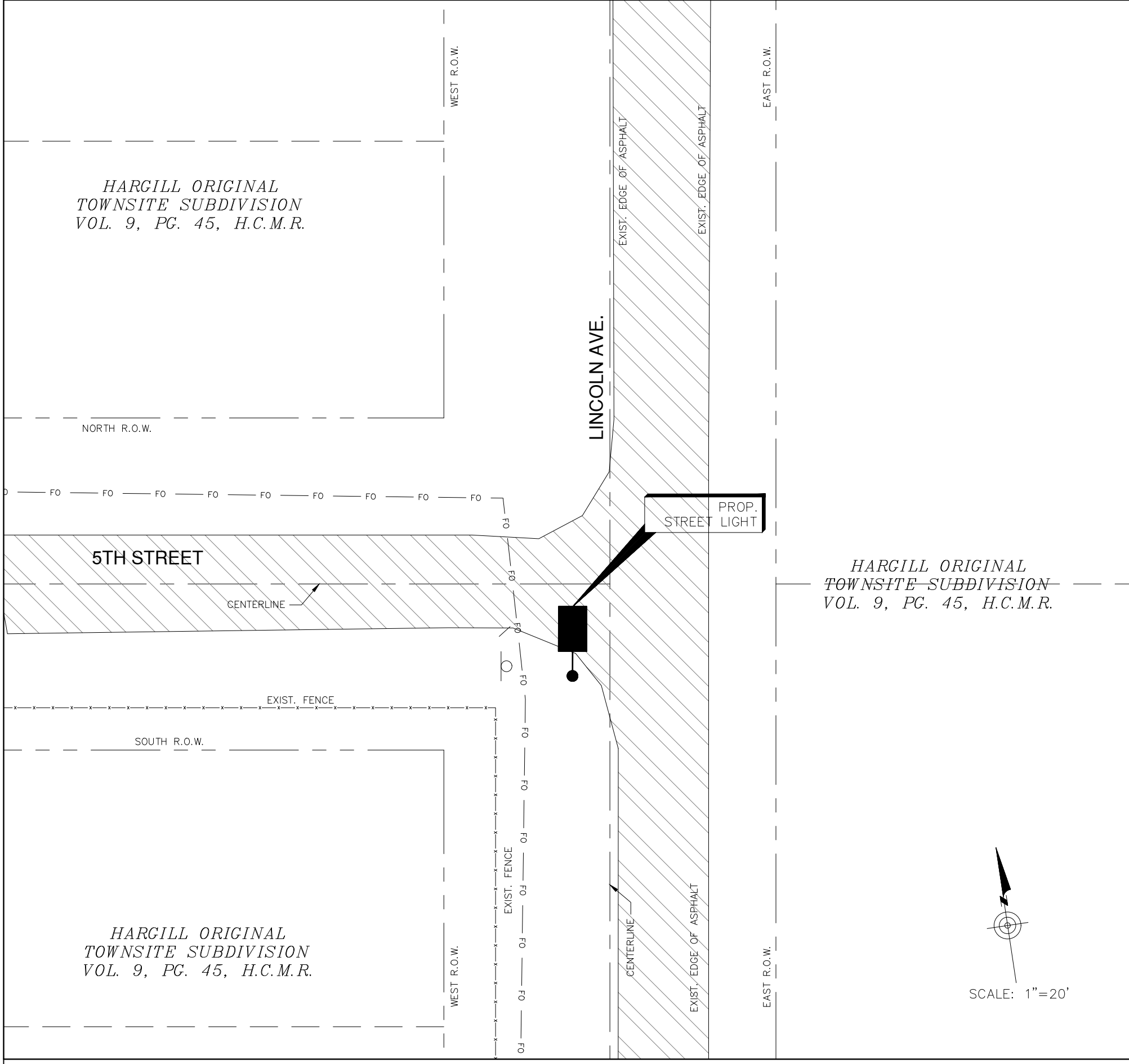
S H E E T



INTERSECTION
5TH STREET & FM 493

INTERSECTION
5TH STREET & COUCH AVE.

INTERSECTION
5TH STREET & GILL AVE.



INTERSECTION
5TH STREET & LINCOLN AVE.

INTERSECTION
BUCKY RD. & FM 490

INTERSECTION
WILSON AVE. & FM 490

HIDALGO COUNTY PCT 1
SOLAR LIGHTING

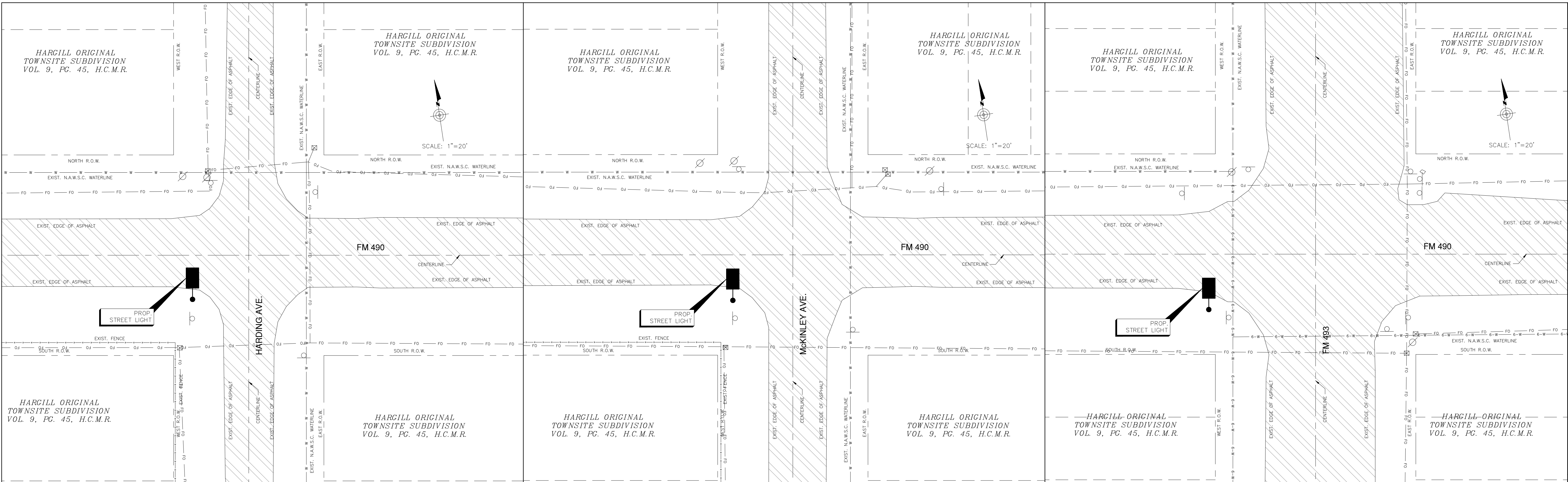
HARGILL, TX

NO.	DATE	DESCRIPTION

PROJECT NO.: 2122
 DRAWN BY: J.Z.
 CHECKED BY: R.O.
 SHEET TITLE:

LIGHTING PLAN/
PROPERTY LINE &
UTILITIES

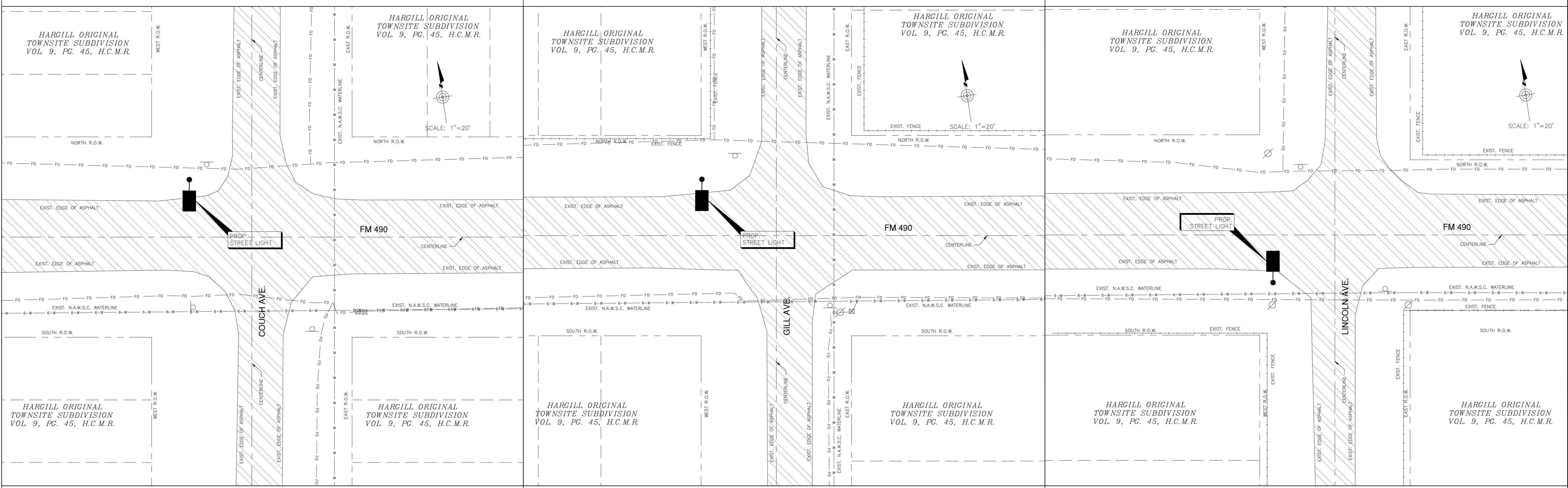
S H E E T
C-5



INTERSECTION
HARDING AVE. & FM 490

INTERSECTION
McKINLEY AVE. & FM 490

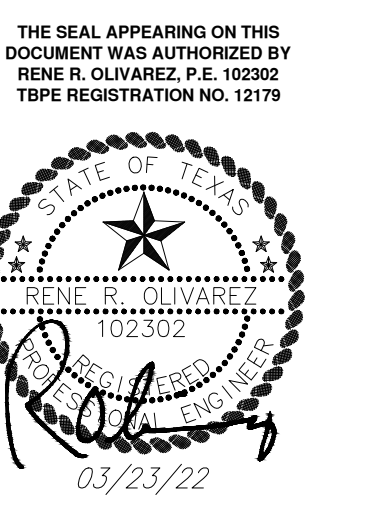
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FM 493 & FM 490



INTERSECTION
COUCH AVE. & FM 490

INTERSECTION
GILL AVE. & FM 490

INTERSECTION
LINCOLN AVE. & FM 490



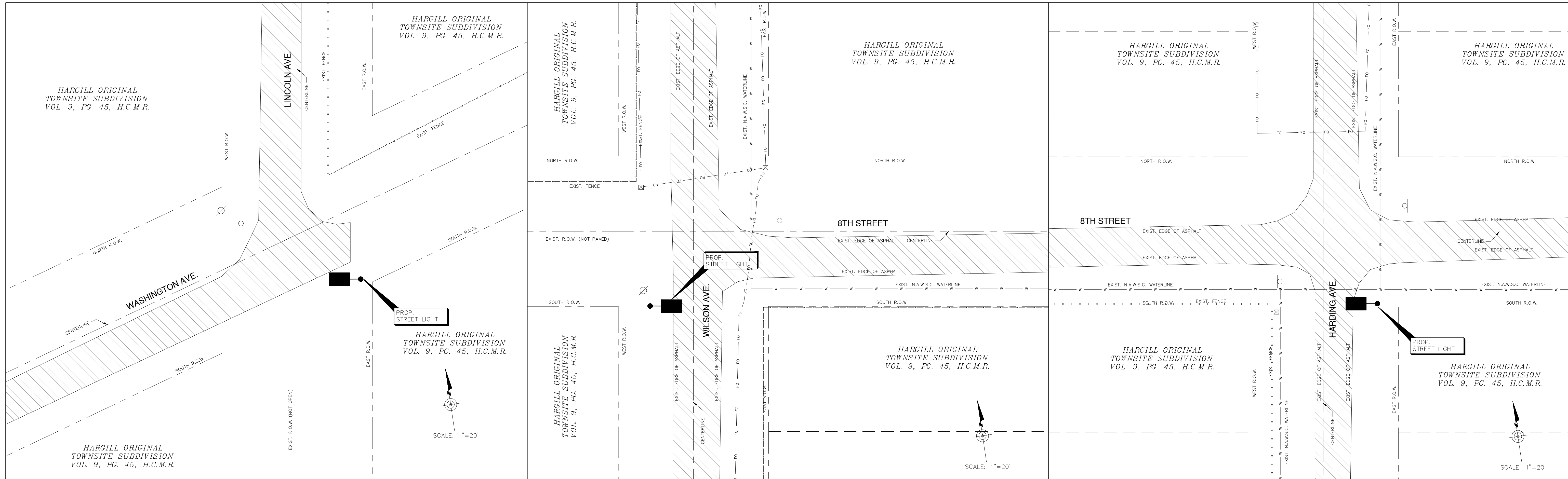
PROJECT NAME
**HIDALGO COUNTY PCT 1
SOLAR LIGHTING**

PROJECT LOCATION
HARGILL, TX

DESCRIPTION	DATE	NO.

PROJECT NO.: 2122
DRAWN BY: J.Z.
CHECKED BY: R.O.
SHEET TITLE:

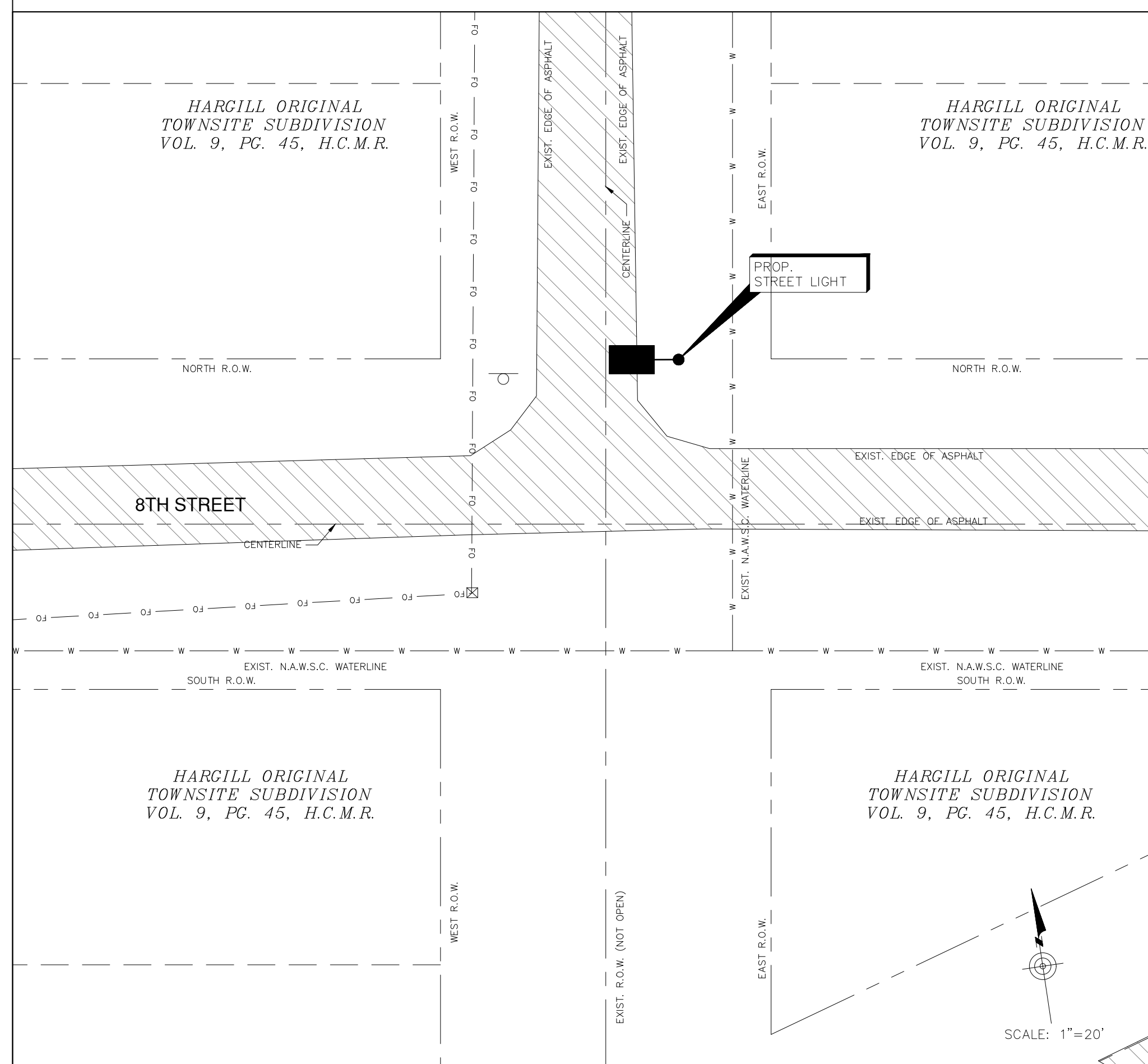
**LIGHTING PLAN/
PROPERTY LINE &
UTILITIES**



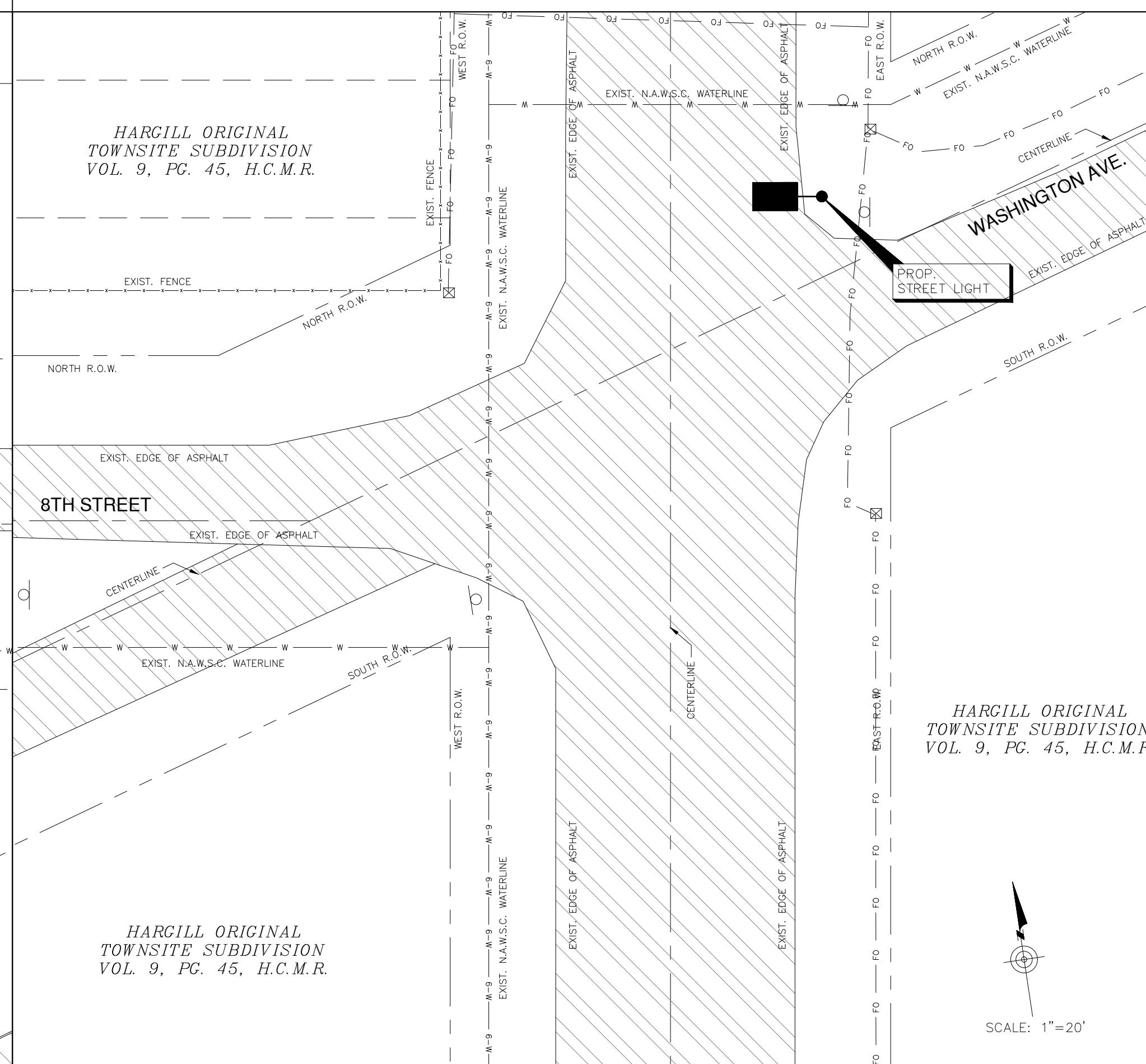
INTERSECTION
LINCOLN AVE. & WASHINGTON AVE.

INTERSECTION
WILSON AVE. & 8TH STREET

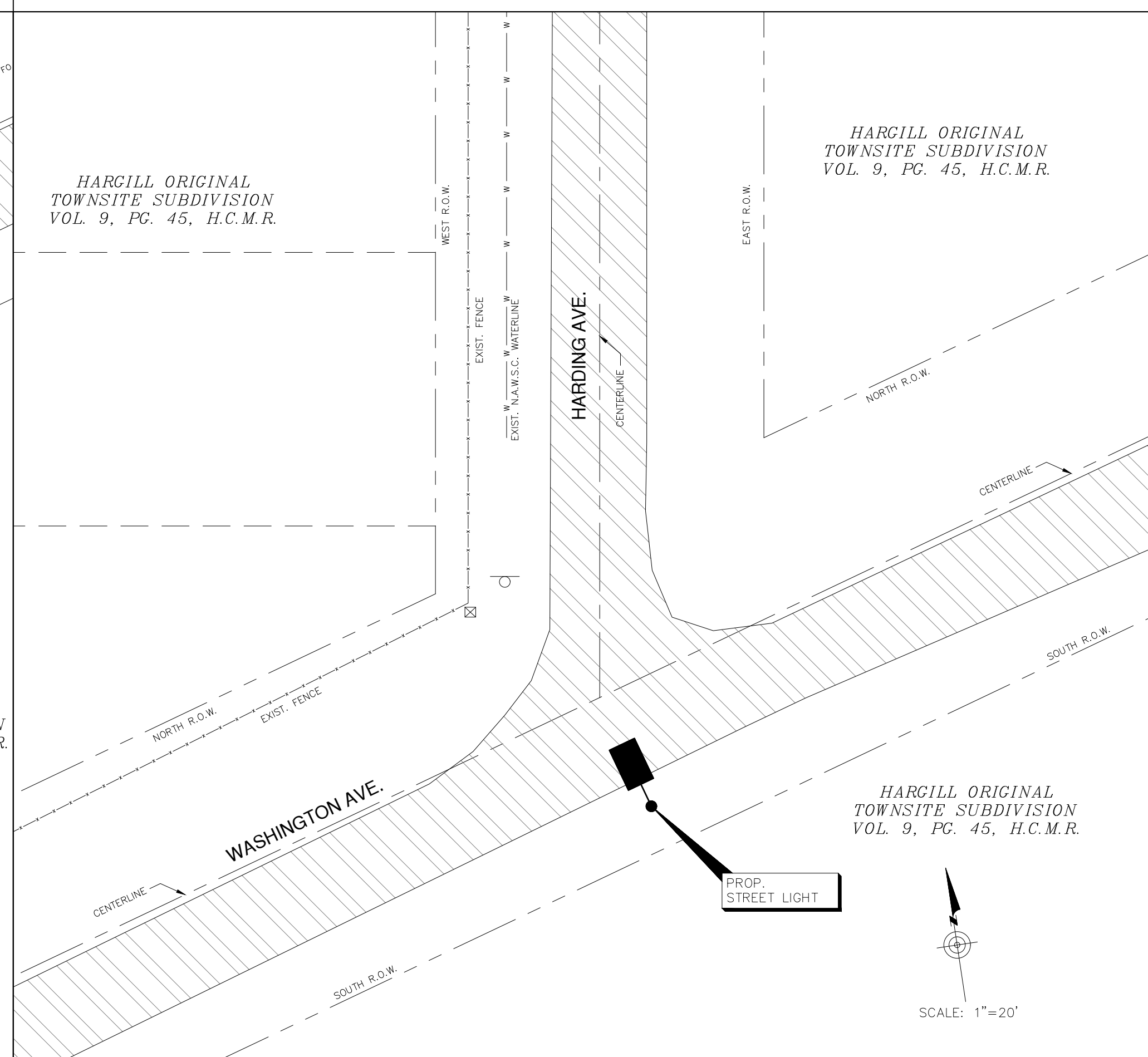
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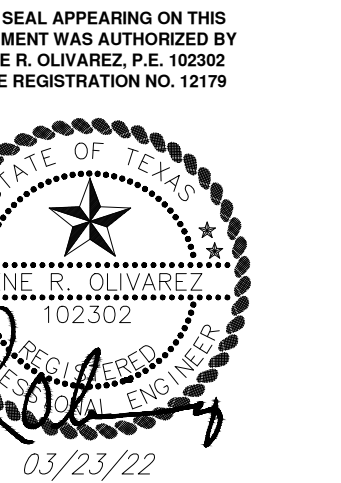
INTERSECTION
McKINLEY AVE. & 8TH STREET



INTERSECTION
FM 493 & 8TH STREET/WASHINGTON AVE.



INTERSECTION
HARDING AVE. & WASHINGTON AVE.



HIDALGO COUNTY PCT 1
SOLAR LIGHTING

HARGILL, TX

PROJECT NAME

DESCRIPTION

DATE

NO.

PROJECT NO.: 2122

DRAWN BY: J.Z.

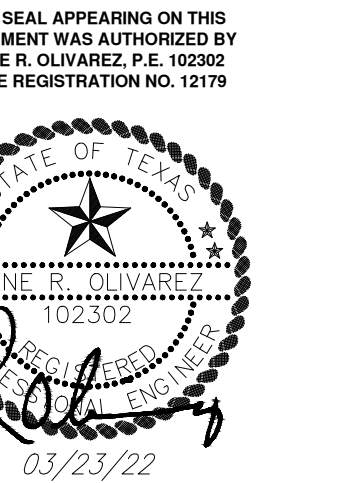
CHECKED BY: R.O.

SHEET TITLE:

LIGHTING PLAN/
PROPERTY LINE &
UTILITIES

S H E E T

C-8



HIDALGO COUNTY PCT 1
 SOLAR LIGHTING

HARGILL, TX

PROJECT NAME

DESCRIPTION

DATE

NO.

PROJECT NO.: 2122

DRAWN BY: J.Z.

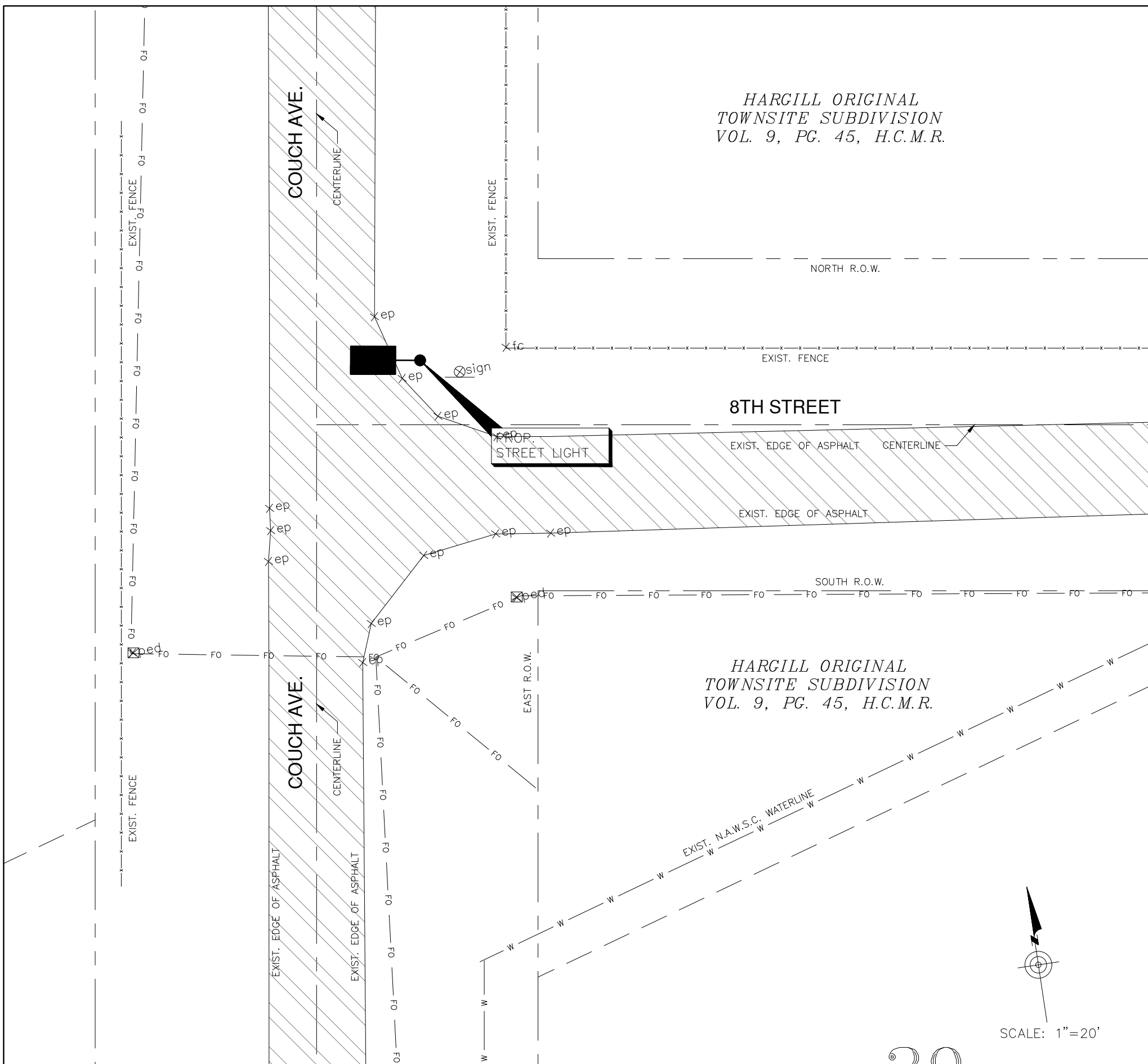
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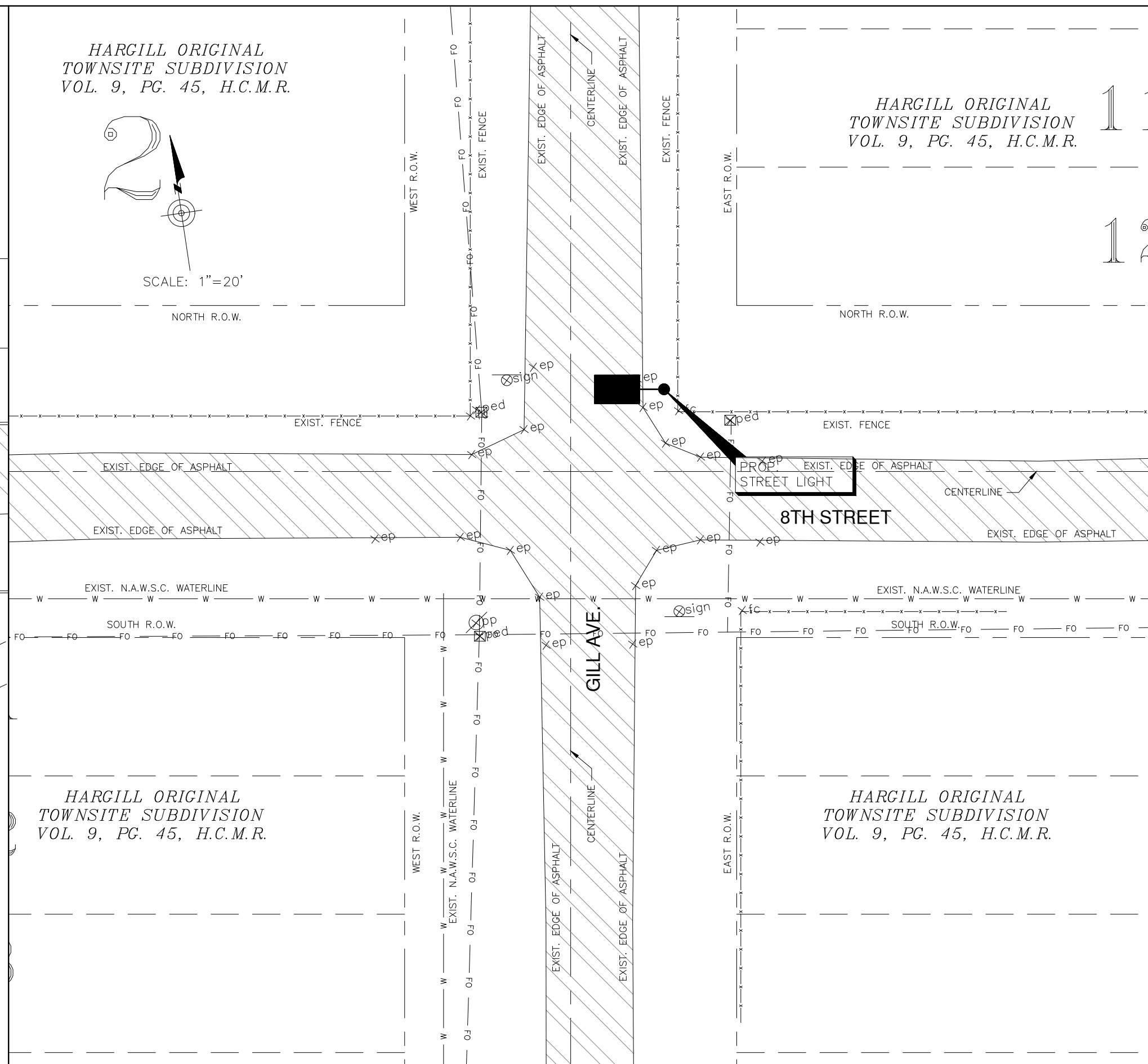
LIGHTING PLAN/
 PROPERTY LINE &
 UTILITIES

S H E E T

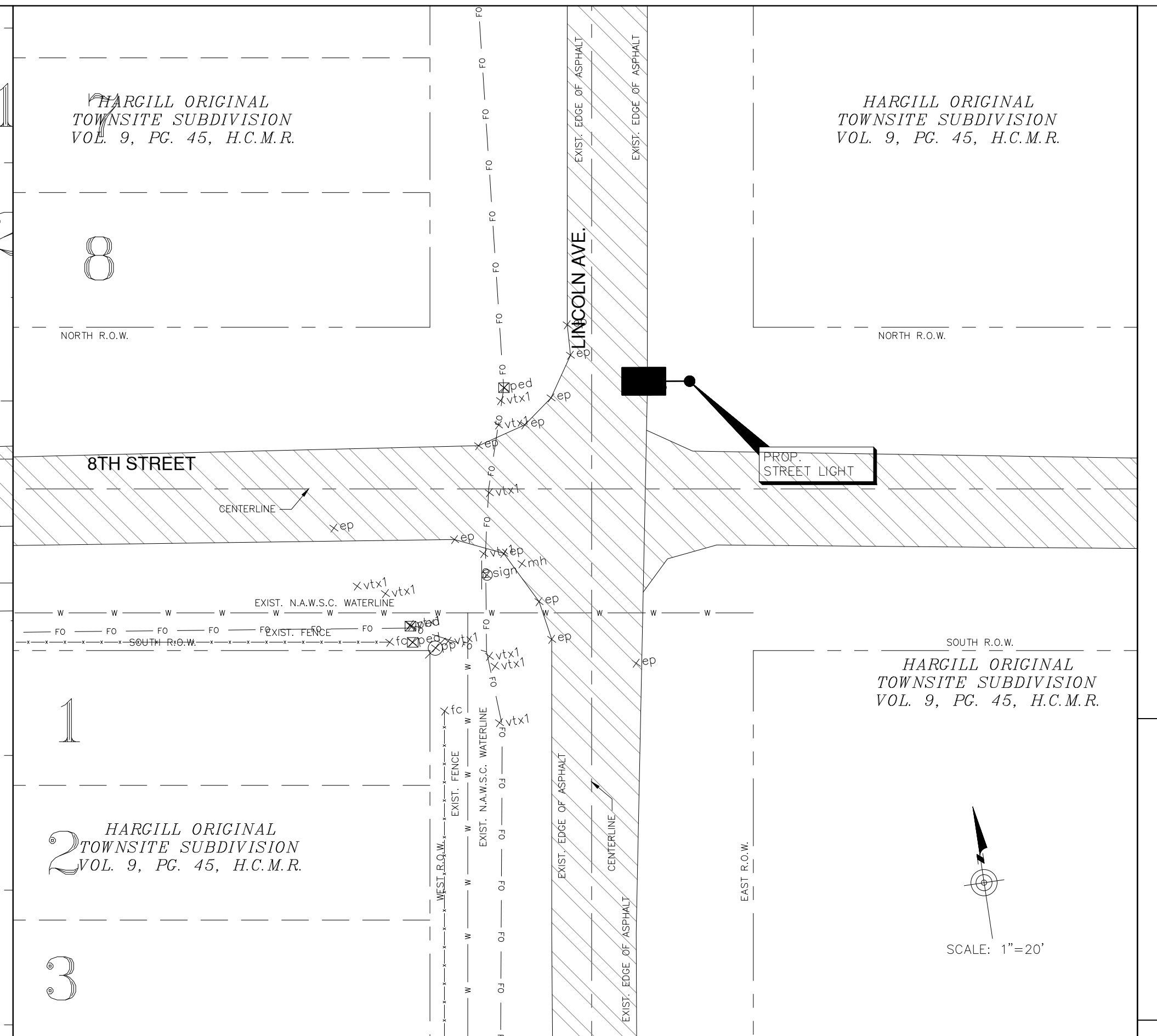
C-9



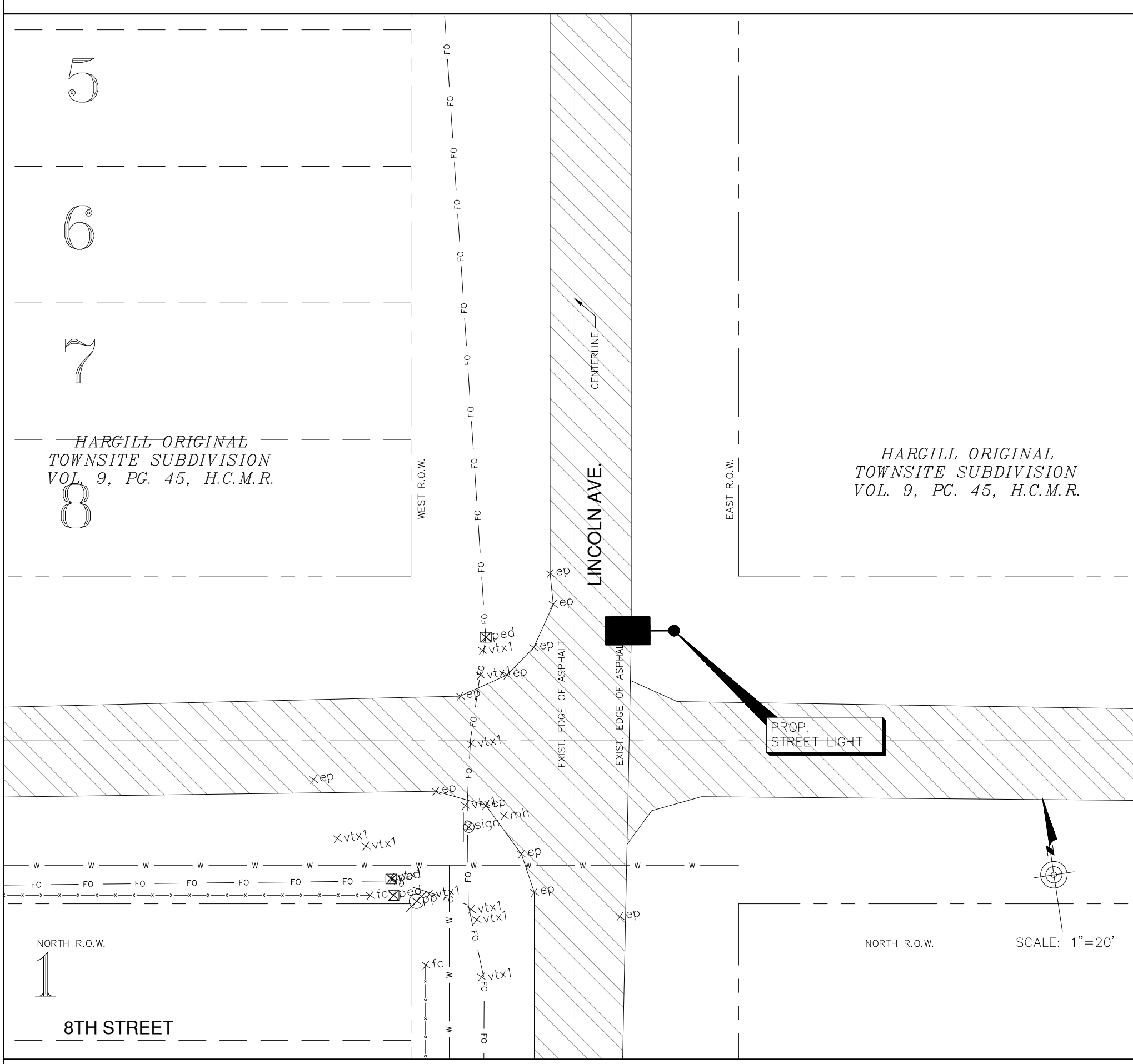
INTERSECTION
 COUCH AVE. & 8TH AVE.



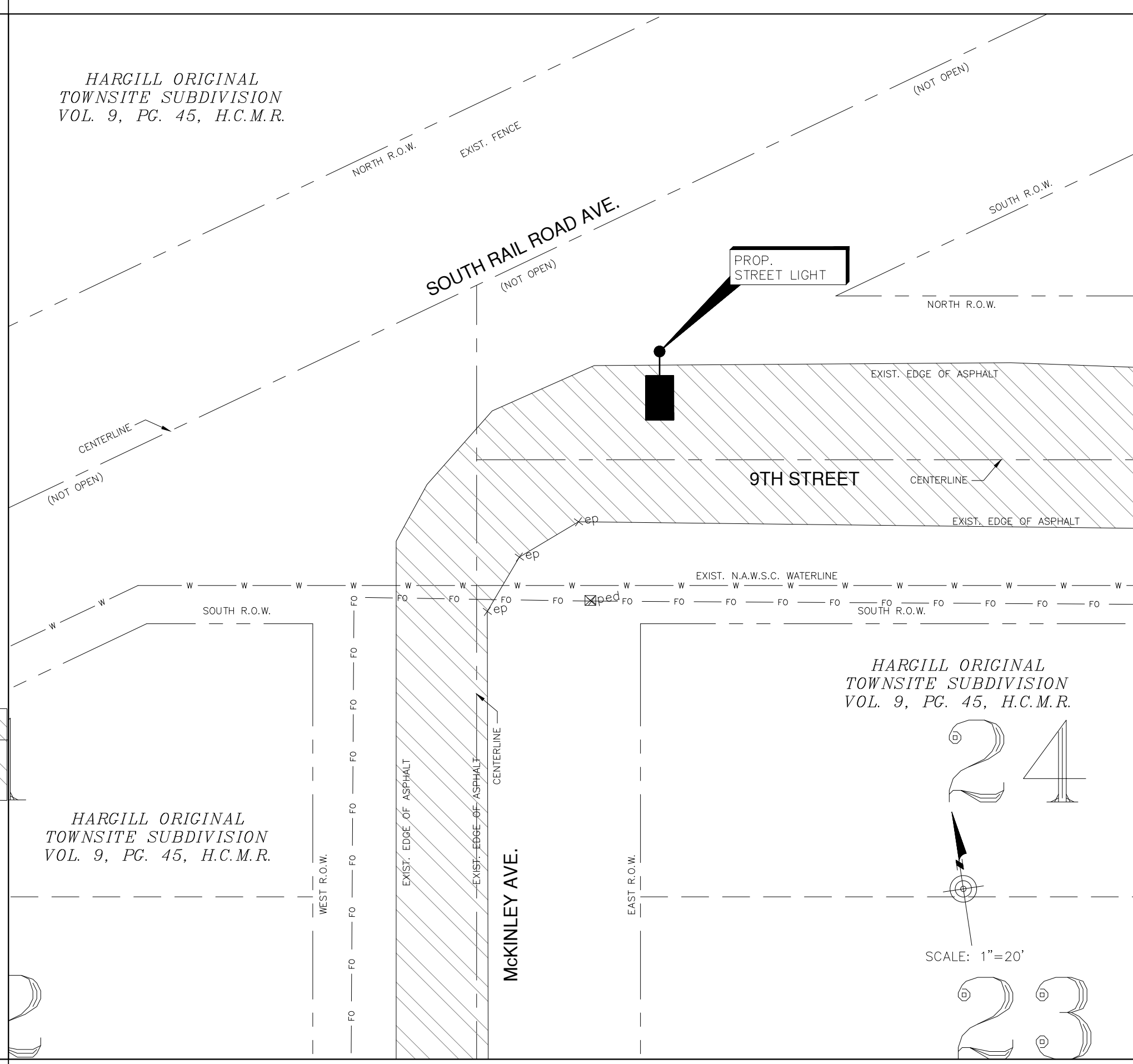
INTERSECTION
 GILL AVE. & 8TH AVE.



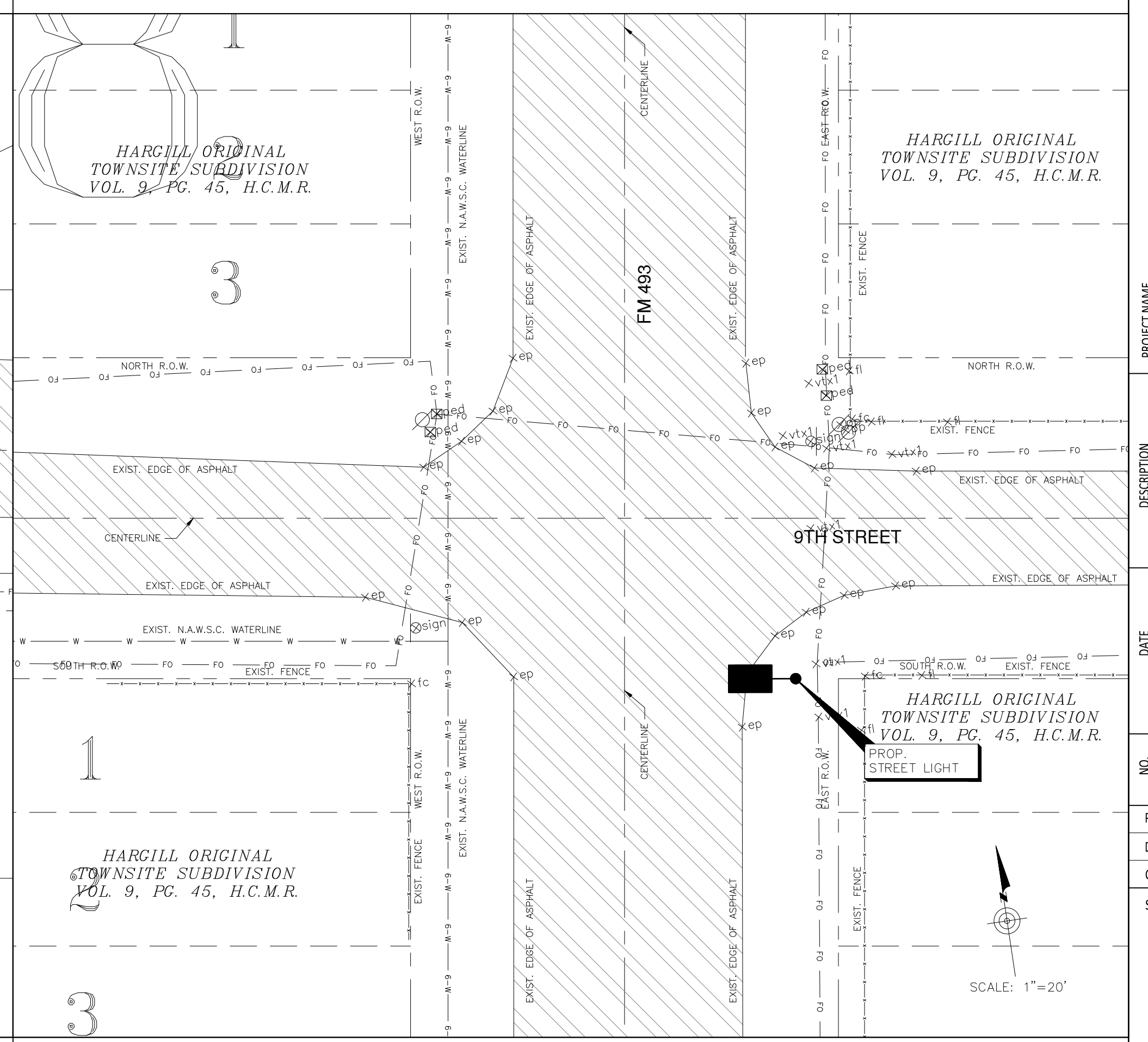
INTERSECTION
 LINCOLN AVE. & 8TH AVE.



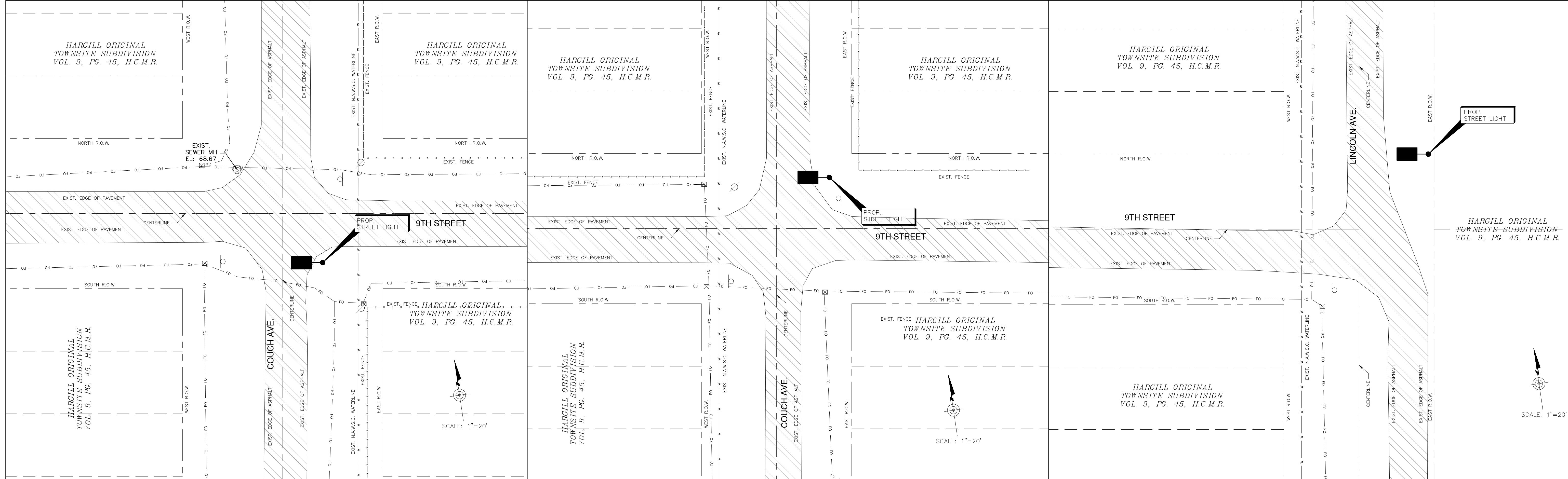
150.0' NORTH FROM
 LINCOLN AVE. & 8TH AVE.



INTERSECTION
 MCKINLEY AVE. & 8TH STREET/SOUTH RAIL ROAD AVE.



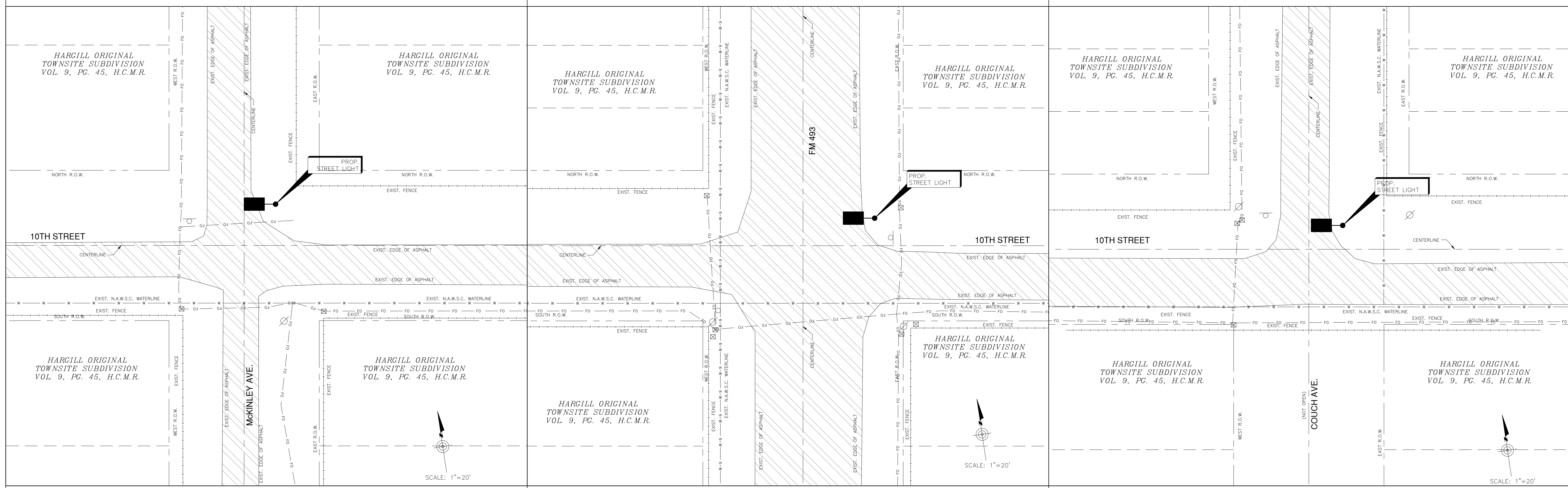
INTERSECTION
 FM 493 & 9TH AVE.



INTERSECTION
COUCH AVE. & 9TH AVE.

INTERSECTION
GILL AVE. & 9TH AVE.

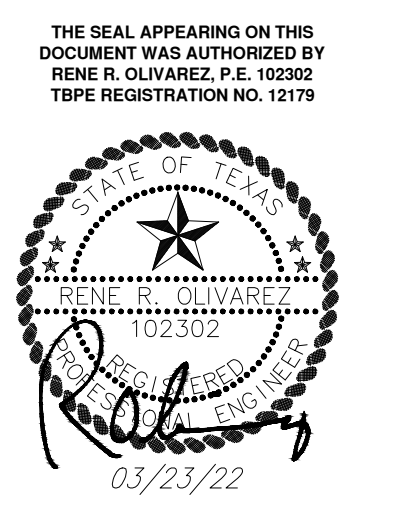
INTERSECTION
LINCOLN AVE. & 9TH AVE.



INTERSECTION
MCKINLEY AVE. & 10TH STREET

INTERSECTION
FM 493 & 10TH STREET

INTERSECTION
COUCH AVE. & 10TH STREET



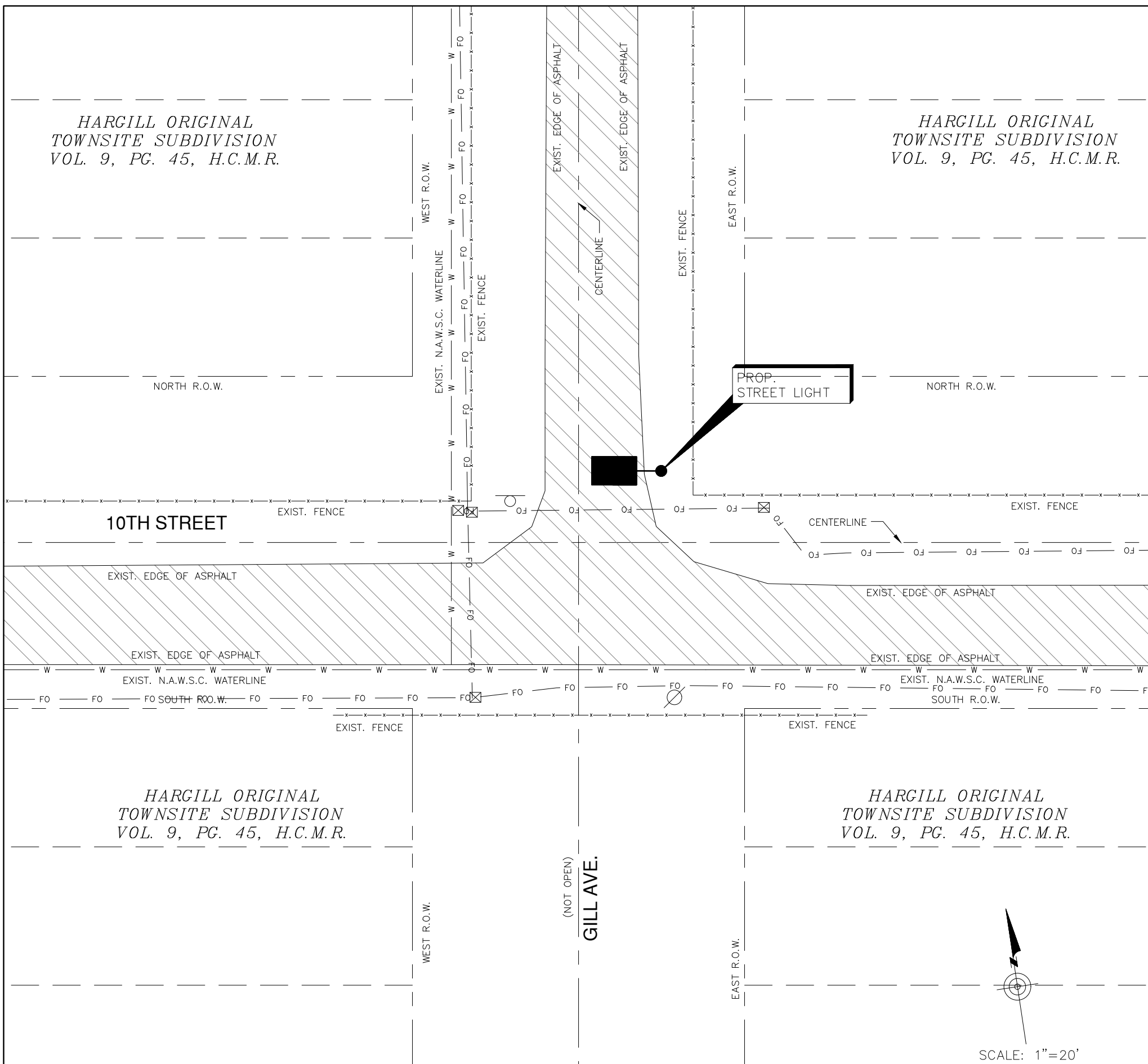
PROJECT NAME
**HIDALGO COUNTY PCT 1
SOLAR LIGHTING**

PROJECT LOCATION
HARGILL, TX

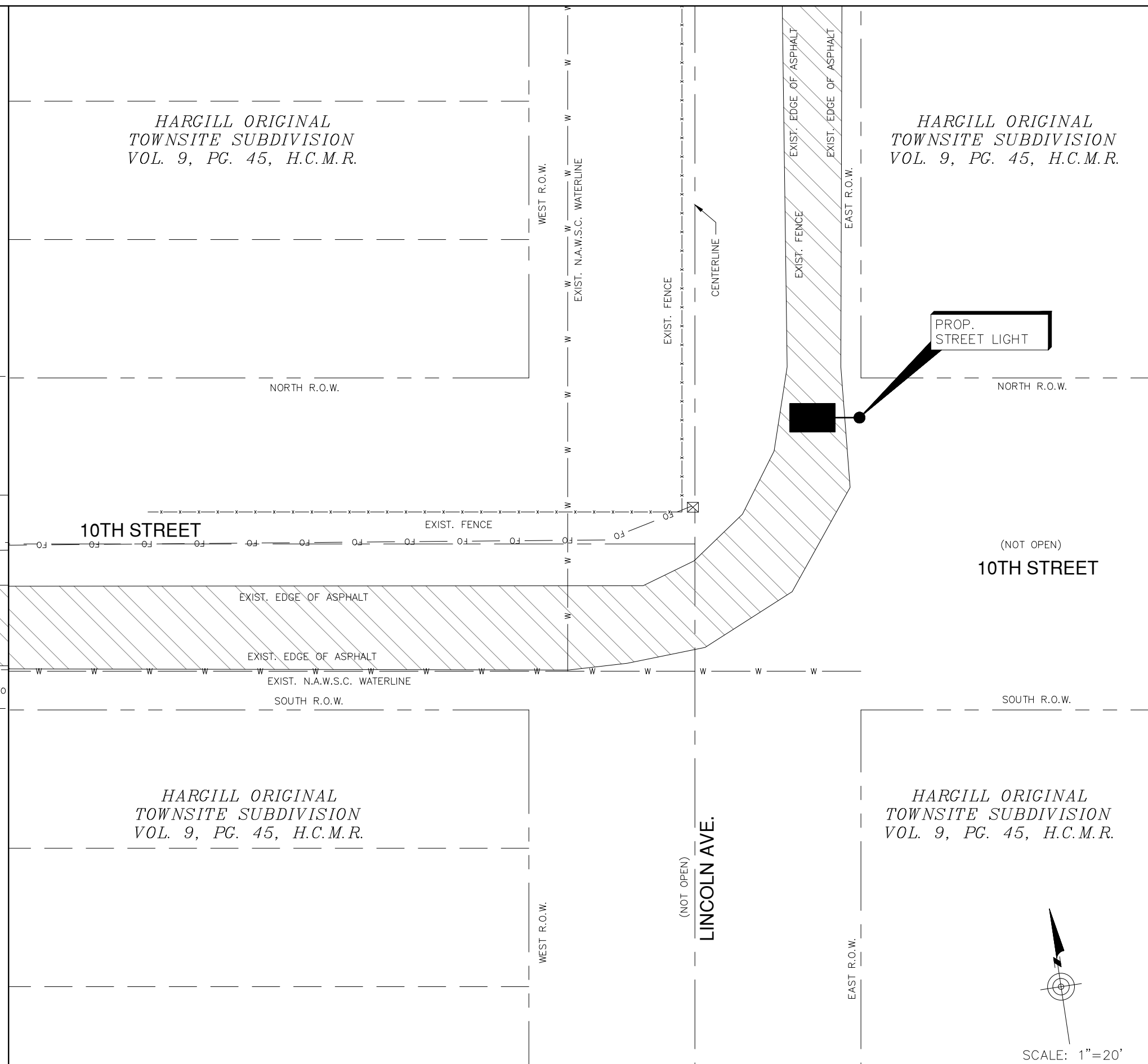
NO.	DESCRIPTION	DATE

PROJECT NO.: 2122
DRAWN BY: J.Z.
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SHEET TITLE:

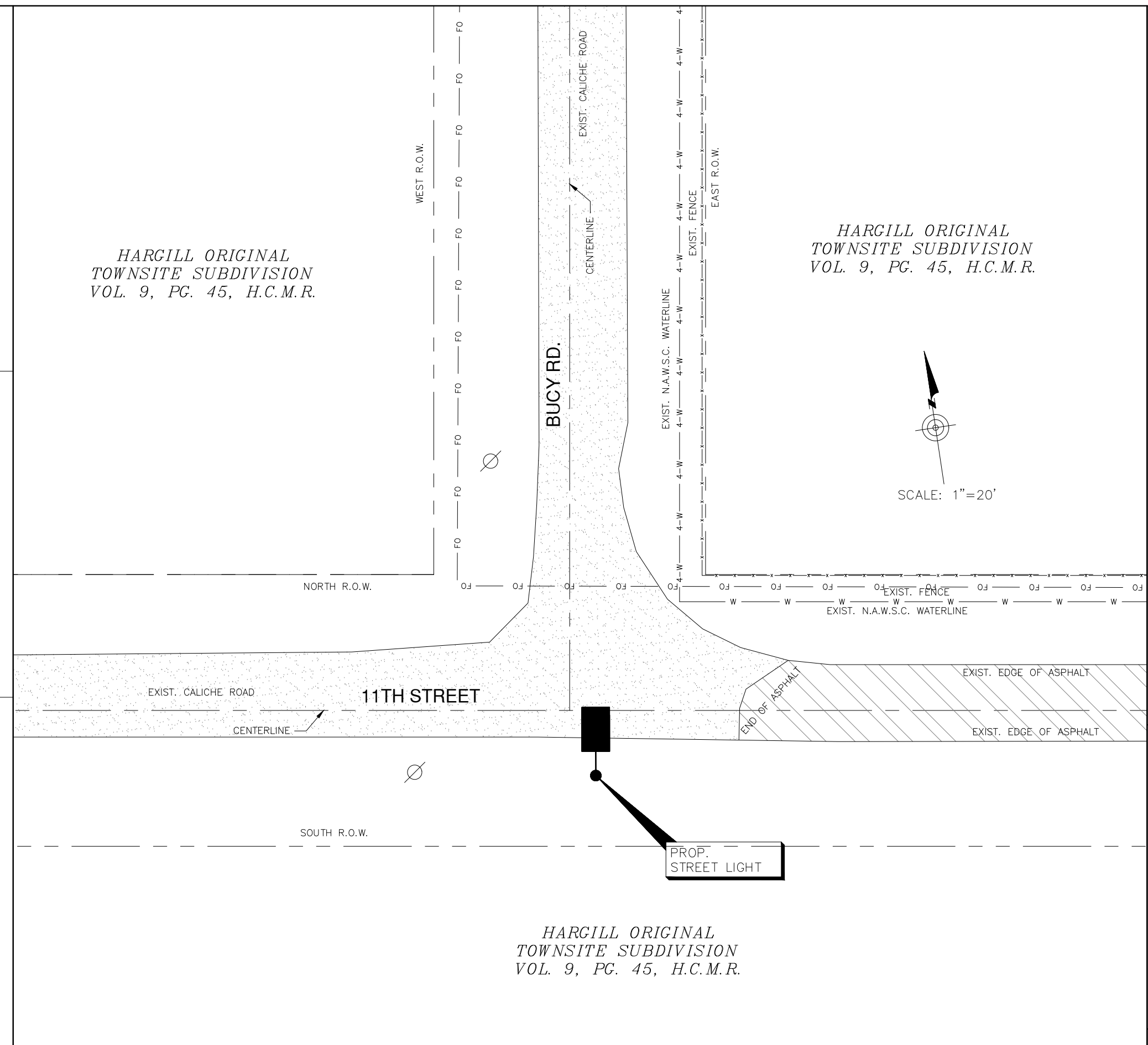
**LIGHTING PLAN/
PROPERTY LINE &
UTILITIES**



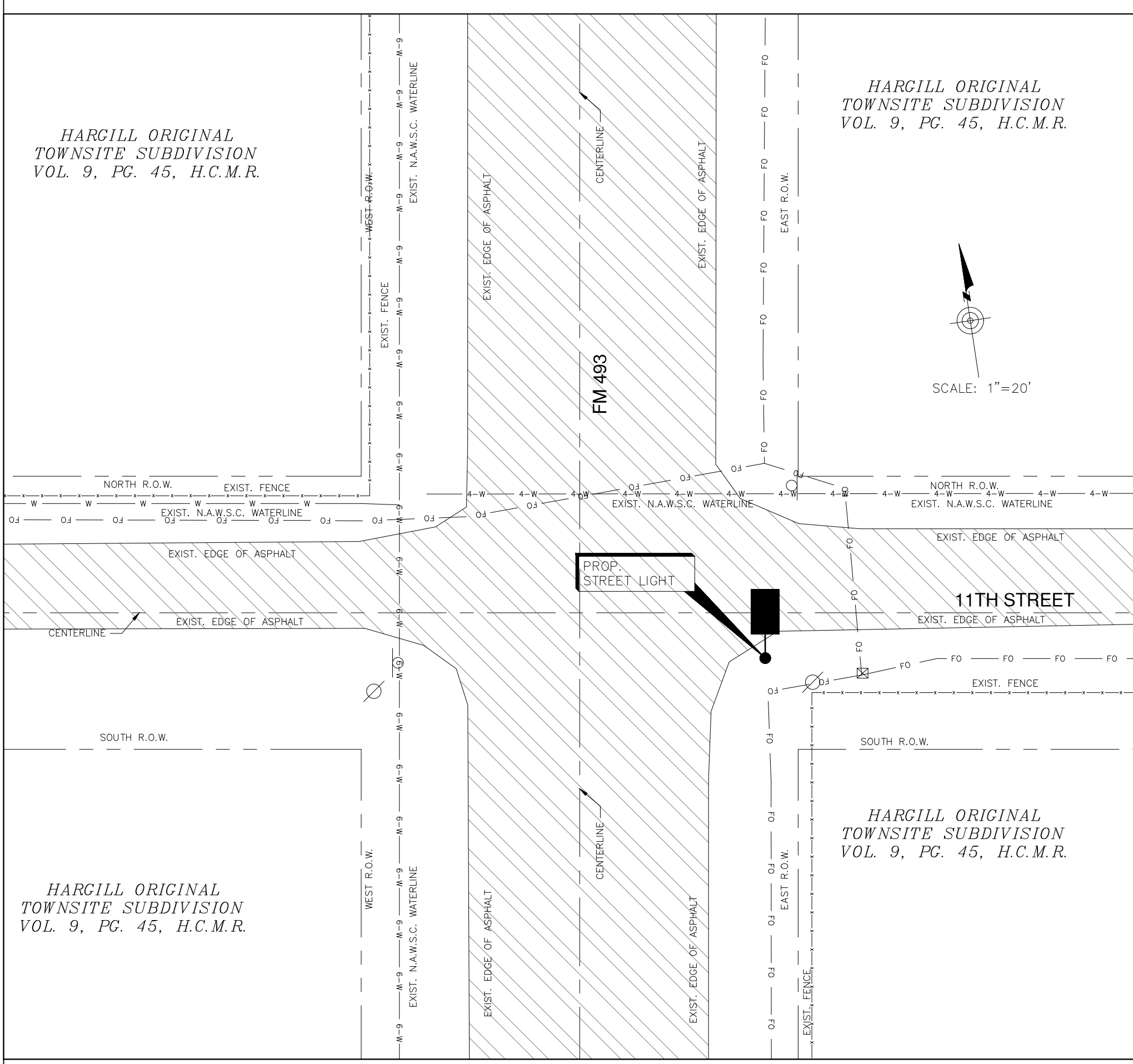
INTERSECTION
GILL AVE. & 10TH STREET



INTERSECTION
LINCOLN AVE. & 10TH STREET



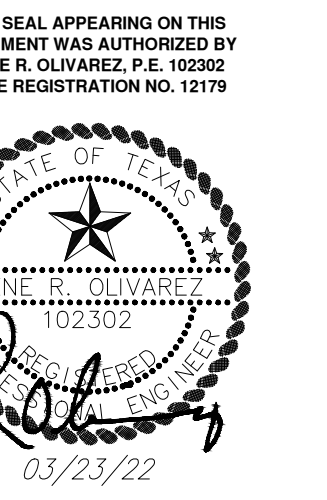
INTERSECTION
BUCY RD. & 11TH STREET



INTERSECTION
FM 493 & 11TH STREET

NOTES:

1. LOCATIONS AND GRADES OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES WHETHER PUBLIC OR PRIVATE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO DAMAGED LINES AT NO ADDITIONAL COST TO THE OWNER.
2. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AS PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION AND THE COUNTY OF HIDALGO REQUIREMENTS. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER AND THE COUNTY OF HIDALGO, SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN TEXAS, PRIOR TO CONSTRUCTION. COST SHALL BE SUBSIDIARY TO OTHER BID ITEMS.
3. CAUTION: GAS, FIBER OPTIC, TELEPHONE, ELECTRIC, WATER, AND NORTH ALAMO WATER SUPPLY CORPORATION UTILITIES EXIST WITHIN THE LIMITS OF CONSTRUCTION OF THIS PROJECT. NOTIFY RESPECTIVE UTILITY COMPANIES.
4. REPAIRS PUBLIC OR PRIVATE UTILITY LINES DUE TO THE CONTRACTOR'S OPERATION ARE TO BE REPAIRED IN ACCORDANCE WITH THE SPECIFIC UTILITY COMPANY REQUIREMENTS. COST FOR SUCH REPAIRS SHALL BE SUBSIDIARY TO OTHER BID ITEMS OF THE PROJECT PROPOSAL.
5. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT CERTAIN EXISTING AND/OR PROPOSED STRUCTURES MAY BE WITHIN THE LIMITS OF THE FLEXIBLE BASE AND TREATED SUBGRADE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION OPERATIONS WITHOUT DAMAGE TO THESE STRUCTURES.
6. THERE SHALL BE MINIMUM INTERRUPTION OF TRAFFIC AND ACCESS TO ADJACENT RESIDENTS ALONG THE PROJECT SITE. IF ROADS ARE TO BE CLOSED, THE COUNTY OF HIDALGO FIRE AND POLICE DEPARTMENTS SHALL BE NOTIFIED AT LEAST 72 HOURS BEFORE SUCH CLOSING.
7. VERTICAL CONTROL HAS BEEN PROVIDED TO THE CONTRACTOR. THE CONSTRUCTION STAKING WILL BE RESPONSIBILITY OF CONTRACTOR.
8. UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL OBSTRUCTIONS, OBJECTIONABLE MATERIAL AND CONCRETE SHALL BE PROPERLY DISPOSED OF TO SITES ARRANGED FOR BY THE CONTRACTOR AND APPROVED BY THE COUNTY OF HIDALGO AT NO ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL EXERCISE DILIGENCE IN THE APPLICATION OF ASPHALT BY THE USE OF FLAGGING AND ROLLING PROCEDURES TO KEEP FROM SPRAYING OR SPLATTERING THE TRAVELING PUBLIC WITH ASPHALT MATERIAL. CONTRACTOR SHALL ALSO EXERCISE DILIGENCE IN THE APPLICATION OF LIME TREATMENT TO PROTECT THE PUBLIC, ADJACENT SUBDIVISION, AND PARKED VEHICLES.
10. CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF AND FOLLOWING ALL COUNTY OF HIDALGO STANDARD SPECIFICATIONS FOR THOSE ITEMS NOT SPECIFICALLY SHOWN ON THE PROJECT PLANS, OR PROJECT SPECIFICATIONS, AND PERFORMING THE WORK IN SUCH A MANNER.



PROJECT NAME
**HIDALGO COUNTY PCT 1
SOLAR LIGHTING**

PROJECT LOCATION
HARGILL, TX

NO.	DATE	DESCRIPTION

PROJECT NO.: 2122
DRAWN BY: J.Z.
CHECKED BY: R.O.

SHEET TITLE:
**LIGHTING PLAN/
PROPERTY LINE &
UTILITIES**

GENERAL NOTES

- THIS CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKMEN AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR EARTH BANKS, FORMS, SCAFFOLDING, PLANKING SAFETY NETS, SUPPORT AND BRACING FOR CRANES, PILES, ETC. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT OR THE ENGINEER DO NOT INCLUDE INSPECTION OF THE ABOVE AND BELOW ITEMS.
- ALL CONSTRUCTION AND QUALITY OF MATERIALS SHALL COMPLY WITH THE GOVERNING BUILDING CODES AND REGULATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, TOLERANCES AND CONDITIONS AT THE JOB SITE BEFORE COMMENCEMENT OF WORK AND SHALL IMMEDIATELY REPORT ANY DISCREPANCIES OR OMISSIONS TO THE ARCHITECT AND ENGINEER IN WRITING BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. ANY OMISSION OR CONFLICT BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
- IN CASE OF CONFLICT, NOTES AND DETAILS ON THE BALANCE OF THE DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DRAWINGS TAKE PRECEDENCE OVER SPECIFICATIONS. IN CASE OF A CONFLICT ON THE SAME ITEM, THE MORE STRINGENT OR MORE EXPENSIVE ITEM GOVERNS.
- WHERE CONSTRUCTION DETAILS ARE NOT SPECIFICALLY SHOWN OR NOTED FOR ANY PART OF THE WORK, SUCH DETAILS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN FOR SIMILAR CONDITIONS AND MATERIALS. WHERE SUFFICIENTLY SIMILAR WORK IS NOT SHOWN, THE ENGINEER SHALL BE CONSULTED FOR CLARIFICATION. EACH SUBCONTRACTOR IS CONSIDERED AN EXPERT IN THEIR RESPECTIVE FIELD AND SHALL PRIOR TO THE SUBMISSION OF A BID OR PERFORMANCE OF WORK, NOTIFY THE GENERAL CONTRACTOR, ARCHITECT, ENGINEER OR ENGINEER IN WRITING OF ANY WORK CALLED OUT IN THE DRAWINGS IN THEIR TRADE THAT CANNOT BE GUARANTEED OR PERFORMED AS INDICATED.
- THE CONTRACTOR SHALL COORDINATE ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AS TO WEIGHT AND EXACT LOCATIONS, WITH STRUCTURAL SUPPORTS. IN THE EVENT THAT THE PURCHASED EQUIPMENT DEVIATES IN WEIGHT AND LOCATION FROM THOSE INDICATED ON THE PLANS, THE ARCHITECT AND ENGINEER MUST BE NOTIFIED AND APPROVAL OBTAINED PRIOR TO INSTALLATION.
- THIS STRUCTURE IS DESIGNED AS A STABLE UNIT AFTER ALL COMPONENTS ARE IN PLACE. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY BRACING AS REQUIRED TO INSURE THE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE, OR ANY PORTION THEREOF, DURING CONSTRUCTION.
- NEITHER THE OWNER NOR THE ARCHITECT NOR THE ENGINEER WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- TRADE NAMES AND MANUFACTURERS REFERRED TO ARE FOR QUALITY STANDARDS ONLY. SUBSTITUTIONS WILL BE PERMITTED AS APPROVED BY THE ENGINEER.
- ANY OPTIONS OR APPROVED SUBSTITUTIONS ARE FOR CONTRACTORS CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES, ADDITIONAL COSTS (INCLUDING REDESIGN BY THE ENGINEER), AND COORDINATION WITH ALL ITEMS THAT THE SUBSTITUTIONS MAY IMPACT.
- THE ARCHITECT AND ENGINEER ARE TO BE NOTIFIED IN WRITING WHEN CONSTRUCTION AT THE SITE BEGINS. ANY QUESTIONS RELATED TO INTERPRETATION OR INTENT OF THE DRAWINGS SHALL BE REFERRED TO THE ENGINEER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO LOCATE AND PROTECT ANY EXISTING UNDERGROUND OR CONCEALED CONDUIT, PLUMBING, OR OTHER UTILITIES PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS TO PROTECT EXISTING STRUCTURES ADJACENT, NEAR, OR WITHIN THE AREA OF CONSTRUCTION.
- PIPES, DUCTS, SLEEVES, CHASES, ETC. SHALL NOT BE PLACED IN BEAMS OR WALLS UNLESS SPECIFICALLY SHOWN OR NOTED. NEAR SHALL ANY STRUCTURAL MEMBER BE CUT FOR PIPES, DUCTS, ETC. UNLESS NOTED CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATION OF ANY ADDITIONAL PIPES, DUCTS, ETC.

DESIGN CRITERIA

A. DESIGN LOADS, STRUCTURAL ANALYSIS AND PREPARATIONS OF STRUCTURAL MEMBERS ARE BASED UPON THE FOLLOWING CRITERIA:		
CODE: 2018 IBC		
A. STRUCTURAL LOADS:	ASCE/SEI 7-16	
B. CONCRETE:	ACI 318-14	
C. ALUMINUM:	ADMI-2015	
D. MASONRY:	TMS 402-16/ACI 530-16/ASCE-16	
E. STEEL:	TMS 602-16/ACI 530-16/ASCE 6-16	
	AISC 325-17(15TH EDITION)	
	ANSI/AISC 360-16 (JULY 7, 2017)	
F. COLD-FORMED STEEL:	ANSI 1100-16	
G. WOOD:	ANSI/AWC NDS-2018	
	ANSI/AWC SDPS-2015	
B. GRAVITY LOADS		
	UNIFORM	CONCENTRATED
1. DEAD LOADS		
ROOF	SELF WEIGHT	
FLOOR	30PSF	
FOUNDATION	85PSF	
2. ROOF LIVE LOADS		
PITCH ROOF STRUCTURE (1/4:12 MIN)	20PSF	
C. LATERAL LOADS		
1. WIND LOAD		
ULTIMATE DESIGN WIND SPEED, V 113MPH	
NOMINAL DESIGN WIND SPEED, V 103MPH	
RISK CATEGORY II	
EXPOSURE CATEGORY B	
INTERNAL PRESSURE COEFFICIENT GC ± 0.00	
A. THIS STRUCTURE IS LOCATED IN A HURRICANE PRONE REGION.		
B. THIS STRUCTURE IS NOT LOCATED IN A WIND-BORNE DEBRIS REGION.		
D. GEOTECHNICAL INFORMATION		
1. THE OWNER OF THIS PROJECT HAS DECLINED TO FURNISH A GEOTECHNICAL INVESTIGATION REPORT. THEREFORE, THE FOUNDATION DESIGN WAS BASED UPON AVERAGE SOIL CONDITIONS IN HIDALGO COUNTY, TEXAS. IF HIGHLY EXPANSIVE, OR MODERATELY, SOILS OR SOFT SOILS ARE ENCOUNTERED, DIFFERENTIAL FOUNDATION MOVEMENTS CAN BE EXPECTED. ALTHOUGH WE ATTEMPT TO MAKE ASSUMPTIONS THAT WILL NOT IMPAIR STRUCTURAL INTEGRITY OF THE PROJECT, WE DO NOT HAVE THE EXPERTISE, OR BENEFIT, OF LABORATORY INVESTIGATIONS OF A GEOTECHNICAL ENGINEER. THEREFORE, THIS FIRM CANNOT ASSUME RESPONSIBILITY SHOULD ACTUAL SURFACE, OR SUBSURFACE, SOIL CONDITIONS VARY FROM THOSE ASSUMED FOUNDING ASSUMPTIONS.		
2. EMBEDDED PILES FOUNDATION		
THE FOUNDATION DESIGN IS BASED UPON SECTION 1807.3.2.1 IBC 2018 EDITION (EQUATION 18-1). THE DESIGN CRITERIA SELECTED ASSUMES SITE CLASS D MATERIAL OR BETTER, SOIL BEARING CAPACITY OF 1500 P.S.F., AND A PASSIVE SOIL PRESSURE OF 100 P.S.F. PER FOOT OF DEPTH. THIS FOUNDATION HAS BEEN DESIGNED USING ASSUMED REACTIONS FROM THE PRE-MANUFACTURED BUILDING COMPONENTS AND IS FOR BID PURPOSES ONLY. THE CONTRACTOR SHALL SUBMIT BASE CONNECTION DETAILS (SIZE AND THICKNESS BASEPLATE AND ANCHOR RODS DIAMETER AND LENGTH) AND REACTIONS OF THE BUILDING FRAMES TO THE ENGINEER PRIOR TO CONSTRUCTION SO THE DESIGN ASSUMPTIONS CAN BE VERIFIED. DEPTH OF ANCHOR RODS SHALL BE SUFFICIENT TO PREVENT CONICAL SHEAR OF THE CONCRETE FOUNDATION.		

STRUCTURAL OBSERVATIONS

- JOB SITE OBSERVATIONS BY THE PROFESSIONAL ENGINEER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONSIST OF VISUAL OBSERVATION OF MATERIALS, EQUIPMENT OR CONSTRUCTION WORK FOR THE PURPOSE OF ASCERTAINING THAT THE WORK IS IN SUBSTANTIAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND WITH THE INTENT.
- SUCH OBSERVATIONS SHALL NOT BE RELIED UPON BY OTHERS AS ACCEPTANCE OF THE WORK, NOR SHALL IT BE CONSTRUED TO RELIEVE THE CONTRACTOR IN ANY WAY FROM HIS OBLIGATIONS AND RESPONSIBILITIES UNDER THE CONSTRUCTION CONTRACT.
- SPECIFICALLY BUT WITHOUT LIMITATION, OBSERVATIONS BY THE DESIGN PROFESSIONAL SHALL NOT REQUIRE THE DESIGN PROFESSIONAL TO ASSUME RESPONSIBILITY FOR THE MEANS AND METHODS OF CONSTRUCTION, NOR FOR SAFETY ON THE JOB SITE, NOR FOR ITEMS NOT INSTALLED OR IMPROPERLY INSTALLED BY THE CONTRACTOR OR HIS/HER SUBCONTRACTORS.
- THE ENGINEER 48 HOURS IN ADVANCE WHEN A STRUCTURAL OBSERVATION IS REQUIRED.

CONSTRUCTION STAGE	REQUIRED
BEFORE PLACEMENT OF CONCRETE FOR SLAB/FOUNDATION	X
BEFORE PLACEMENT OF FLOOR (4) FEET OF GROUT IN CMU & BMU WALL	N.A.
AFTER FRAMING OF ROOF STRUCTURE BUT BEFORE PLACEMENT OF ROOFING MATERIAL.	X

SHOP DRAWINGS AND SUBMITTALS

- SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED FOR REVIEW TO THE STRUCTURAL ENGINEER FOR EACH STRUCTURAL BUILDING MATERIAL AS INDICATED IN THE STRUCTURAL GENERAL NOTES AND THE CONTRACT SPECIFICATIONS. SEE THE CONTRACT SPECIFICATIONS FOR SUBMITTAL PROCEDURES AND ADDITIONAL INFORMATION.
- SHOP DRAWINGS SHALL USE DRAFTING LINE WORK AND LETTERING THAT IS CLEARLY LEGIBLE. SHOP DRAWINGS SHALL NOT CONTAIN NO REPRODUCTIONS OF THE CONTRACT LEGIBLE. SHOP DRAWINGS SHALL NOT CONTAIN NO REPRODUCTIONS OF THE CONTRACT DRAWING PLANS OR DETAILS.
- SUBMIT ONE REPRODUCIBLE, VELLUM AND ONE COPY OF EACH SHOP DRAWING. SHOP DRAWINGS SHALL NOT SHOW MATERIALS FOR MORE THAN ONE LEVEL OF THE SAME PLAN.
- SHOP DRAWINGS SHALL SHOW CLEAR AND COMPLETE INFORMATION FOR THE FABRICATOR (DETAIL SHEETS AND/OR MATERIAL LISTS) AND INSTALLATION.
- ALLOW A MINIMUM OF (2) WEEKS FOR REVIEW OF EACH SET OF SHOP DRAWINGS.
- CONTRACTOR SHALL REVISE THE SHOP DRAWINGS SUBMITTED BY THE SUB-CONTRACTOR AND COORDINATE SHOP DRAWINGS WITH ALL OTHER TRADING PRIOR TO SUBMITTING THEM FOR ENGINEER REVIEW.
- CONTRACTOR SHALL ANSWER ALL QUESTIONS OR CLARIFICATIONS BY THE SUB-CONTRACTOR BEFORE SUBMITTING TO ENGINEER FOR REVIEW. ANY QUESTIONS THAT THE CONTRACTOR CANNOT ANSWER WITH THE INFORMATION ON THE DRAWINGS SHALL BE CLEARLY MARKED FOR THE ENGINEER FOR REVIEW.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS. SEE NOTE NUMBER 3 UNDER GENERAL NOTES.
- REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS FOR GENERAL CONFORMANCE TO THE STRUCTURAL DRAWINGS. APPROVAL OF THE SHOP DRAWINGS BY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR FOR ANY ERRORS IN DIMENSIONS OR MATERIALS INDICATED ON THE SHOP DRAWINGS.
- IF THERE IS ANY DISCREPANCY BETWEEN THE STRUCTURAL DRAWINGS AND SHOP DRAWINGS, THE INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS GOVERN. INFORMATION THAT IS NOT INDICATED ON THE SHOP DRAWINGS SHALL BE OBTAINED FROM THE STRUCTURAL DRAWINGS.
- PROVIDE SUBMITTALS FOR THE FOLLOWING ITEMS:

ITEM	REQUIRED
A. CONCRETE MIX DESIGN	X
B. CURING COMPOUND FOR CONCRETE	X
C. REINFORCING STEEL	X
D. STRUCTURAL STEEL	X
F. METAL DECKING (INDICATE LAYOUT AND TYPES OF DECK PANELS, ANCHORAGE DETAILS, REINFORCING CHANNELS, PANS, DECK OPENINGS, SPECIAL JOINTING, ACCESSORIES, AND ATTACHMENTS TO OTHER CONSTRUCTION)	X
G. MORTAR MIX DESIGN	N.A.
H. GROUT MIX DESIGN	N.A.
I. MASONRY ASSEMBLY	N.A.
J. PRE-MANUFACTURED METAL BUILDING (INCLUDE CALC'S & REACTIONS)	N.A.
K. LIGHT WEIGHT COLD-FORM STEEL (INCLUDE CALC'S & REACTIONS)	X

REINFORCING STEEL

- BAR REINFORCEMENT SHALL CONFORM TO THE FOLLOWING GRADES OF ASTM A615, INCLUDING SUPPLEMENT S1, GRADE 40 - #3 AND SMALLER, GRADE 60 - #4 AND LARGER.
- DETAILS OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318, UNLESS OTHERWISE NOTED.
- VERTICAL REINFORCEMENT SHALL BE TIED AND FIXED IN POSITION AT THE TOP AND BOTTOM AND AT INTERMEDIATE LOCATIONS, SPACED NOT GREATER THAN 48 INCHES O.C.
- WELDED STEEL WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185.
- LAPS OF WELDED STEEL WIRE FABRIC AT SPLICES SHALL BE NOT LESS THAN 12 INCHES.
- WALLS, PILASTERS, COLUMNS SHALL BE DOWELED TO THE SUPPORTING FOOTINGS WITH REINFORCEMENT OF THE SAME SIZE, GRADE AND AT THE SAME SPACING AS THE VERTICAL REINFORCEMENT IN THE WALLS, PILASTERS, OR COLUMNS.
- BAR SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF "BAR SUPPORT SPECIFICATIONS" AS CONTAINED IN THE LATEST EDITION OF THE "MANUAL OF STANDARD PRACTICE" BY THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI), EXCEPT AT SLABS, THE REINFORCING SHALL BE SUPPORTED BY CHAIRS SPACED AT 36 INCHES O.C. FOR #3 REBARS AND 48 INCHES ON CENTER FOR LARGER REBARS. CHAIRS FOR SLAB ON GRADE SHALL BE CONCRETE BLOCKS.
- REINFORCING STEEL DETAILING, BENDING AND PLACING SHALL BE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE" LATEST EDITION.
- ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE BEFORE PLACING CONCRETE OR GROUT.
- PROVIDE CORNER BARS TOP AND BOTTOM AT ALL BEAM CORNERS AND DEAD END BEAM INTERSECTIONS. BARS TO EQUAL SIZE AND QUANTITY OF THE NOTED BEAM STEEL. BARS SHALL LAP BEAM REINFORCEMENTS.
- BARS DETAILED AS CONTINUOUS SHALL BE LAPPED AT SPLICES.
- EXTEND THE SLAB REINFORCING STEEL PERPENDICULAR TO BEAM, TO THE TOP OUTSIDE REINFORCING BAR OF PERIMETER BEAMS. START THE SLAB REINFORCING STEEL, PARALLEL TO BEAM, NOT MORE THAN 6" FROM THE TOP INSIDE REINFORCING BAR OF PERIMETER BEAMS.
- PROVIDE #4 "Z" BARS AT 12" ON CENTER WHERE THE SLAB STEPS DOWN MORE THAN 2". THE "Z" BARS SHALL LAP THE MAIN SLAB REINFORCING STEEL.
- ALL CONDUIT OR PLUMBING LINES IN SLAB SHALL BE PLACED BELOW SLAB THICKNESS AREA. AREA ALL CONDUIT NO GREATER THAN 1" DIAMETER MAY BE PLACED IN CENTER OF SLAB. NO CONDUITS OR PLUMBING LINES GREATER THAN 1" INCH ALLOWED IN THE SLAB.
- WELDING OF CROSSING BARS AND TACK WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- WELDING OF REINFORCING STEEL IS NOT PERMITTED.
- CONTRACTOR SHALL SUBMIT REINFORCING STEEL SHOP DRAWINGS FOR REVIEW BEFORE FABRICATION AND INSTALLATION.
- LAPS AT BAR SPLICES, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS:
MASONRY - GRADE 60: LAP 50 DIA. (30" MIN.)
GRADE 40: LAP 48 DIA. (24" MIN.)
CONCRETE - LAP PER SCHEDULE BELOW
BAR SPLICE LAP LENGTH IN CONCRETE

EXPOSURE CONDITION	MINIMUM COVER	TOLERANCE
DRILLED PIERS, FOOTINGS AND OTHER PRINCIPAL STRUCTURAL MEMBERS IN WHICH CONCRETE IS DEPOSITED AGAINST GROUND, WHERE CONCRETE SURFACES, AFTER REMOVAL OF FORMS, ARE EXPOSED TO WEATHER OR GROUND.	3"	3/8"
FOR BARS GREATER THAN 5/8" IN DIAMETER	3"	1/4"
FOR BARS 5/8" OR LESS IN DIAMETER	3"	1/4"
WHERE SURFACES ARE NOT DIRECTLY EXPOSED TO WEATHER OR GROUND		
FOR SLAB ON GRADE (FROM TOP OF SLAB)	1 1/2"	1/4"
FOR BEAMS, COLUMNS	2"	1/4"
FOR JOISTS AND SLABS	2 1/2"	1/8"

CAST-IN-PLACE CONCRETE

- VERIFY ALL DIMENSIONS. COORDINATE WITH ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES.
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE SPECIFICATIONS ACI 308-96, OR LATEST EDITION DRILLED PIERS SHALL COMPLY WITH ACI 308.1-98 AND ACI 308.3R-93.
- ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS, AND ALL ACCESSORIES UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE' ACI 318 LATEST EDITION.
- THE MINIMUM 28 DAYS OF CYLINDER STRENGTH SHALL BE AS FOLLOWS:

LOCATION	STRENGTH AT 28 DAYS	MAXIMUM SLUMP	MAXIMUM AGGREGATE
PIERS	3000 PSI	5"	1 1/2"

- PORTLAND CEMENT SHALL CONFORM TO ASTM C150-97A, TYPE 1 OR II.
- STRUCTURAL CONCRETE AGGREGATE SHALL CONFORM TO ASTM C39-97, STANDARD WEIGHT.
- ALL CONCRETE SHALL CONTAIN "POZZOLITH" ADMIX AS PER MANUFACTURER'S SPECIFICATIONS, IN ACCORDANCE WITH ASTM C494, NO CALCIUM CHLORIDE AS CEMENT REPLACEMENT WILL BE PERMITTED IN CONCRETE.
- REQUIREMENTS FOR COLD AND HOT WEATHER SHALL BE PER IBC SECTIONS 1905.12 AND 1905.13.
- MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED.
- READY MIX CONCRETE SHALL COMPLY WITH REQUIREMENTS OF ASTM C94. WHEN AIR TEMPERATURE IS BETWEEN 85°F AND 90°F, REDUCE MIXING AND DELIVERY TIME FROM 90 MINUTES TO 75 MINUTES. WHEN AIR TEMPERATURE IS ABOVE 90°F, REDUCE MIXING AND DELIVERY TIME TO 60 MINUTES.

STRAIGHT SHAFT PIERS

- CONCRETE PIERS SHALL BE PER SCHEDULE OR DETAIL. THE ACTUAL ELEVATION SHALL BE DETERMINED IN THE FIELD BY A GEOTECHNICAL ENGINEER LICENSED IN THE STATE OF TEXAS WITH EXPERIENCE IN THIS AREA.
- ALL REINFORCING BARS SHALL BE NEW BILLET STEEL AND SHALL CONFORM TO ASTM A-615, GRADE 60.
- ALL REINFORCING STEEL SHALL BE CONTINUOUS WITH SPLICES LAPPED 75 BAR DIAMETERS.
- CENTER PIER UNDER COLUMN OR WALL UNLESS DIMENSIONED OTHERWISE.
- PIERS SHAFT SHALL BE DRILLED PLUMB ALONG ITS TOTAL LENGTH (1" PER 10'-0" MAXIMUM TOLERANCE)
- BOTTOM OF PIER TO BE CLEAN AND FREE OF ALL LOOSE MATERIALS AND WATER.
- CENTER STEEL CAGE IN SHAFT WITH A MINIMUM 3 LEVELS OF CONCRETE BLOCK SPACERS (8 FT. MAXIMUM SPACING) AT A MINIMUM OF 3 EVENLY DN 3" CONCRETE SEAT BLOCK.
- DO NOT RAISE CAGE OFF OF FOOTING BOTTOM DURING CONCRETE PLACEMENT.
- CONCRETE AND REINFORCING IN SHAFTS SHALL BE PLACED THE SAME DAY AS CONCRETE.
- PIERS SHALL BE FOUNDED IN UNDISTURBED NATURAL SOIL.
- CONTRACTOR SHALL COORDINATE WITH GEOTECHNICAL ENGINEER FOR VERIFICATION OF PIERS BEARING STRATUM AT TIME OF DRILLING.
- PROVIDE INSPECTING ENGINEER WITH AN ELECTRIC LIGHT AND PLUMB-BOB TO OBSERVE ALL DRILLED PIERS.
- ALL DRILLED FOOTINGS SHALL BE FREE OF WATER PRIOR TO PLACING OF CONCRETE.
- PIER HOLES SHALL NOT BE LEFT OPEN OVERNIGHT (NO EXCEPTIONS).
- STEEL CASING SHALL BE REMOVED DURING POURING SEQUENCE.
- CONTRACTOR SHALL INCLUDE IN BID DOCUMENTS THE COSTS FOR CASING IF REQUIRED (TO BE DETERMINED ON JOB SITE BY GEOTECHNICAL ENGINEER) AND UNIT COSTS FOR GREATER AND LESSER DEPTH OF DRILLING.
- REFER TO GEOTECHNICAL INVESTIGATION REPORT FOR CONCRETE PLACEMENT FOR THE PIER.
- CONCRETE SHALL BE PLACED THROUGH A SUITABLE TUBE OR TREMIE TO PREVENT SEGREGATION OF MATERIALS.

RO ENGINEERING, PLLC
ENGINEERING & CONSTRUCTION MANAGEMENT



HIDALGO COUNTY PCT 1
SOLAR LIGHTING

PROJECT NO.	DATE	NO.
2122		

DRAWN BY: A.M.
CHECKED BY: R.O.
SHEET TITLE:

GENERAL
STRUCTURAL
NOTES

S H E E T

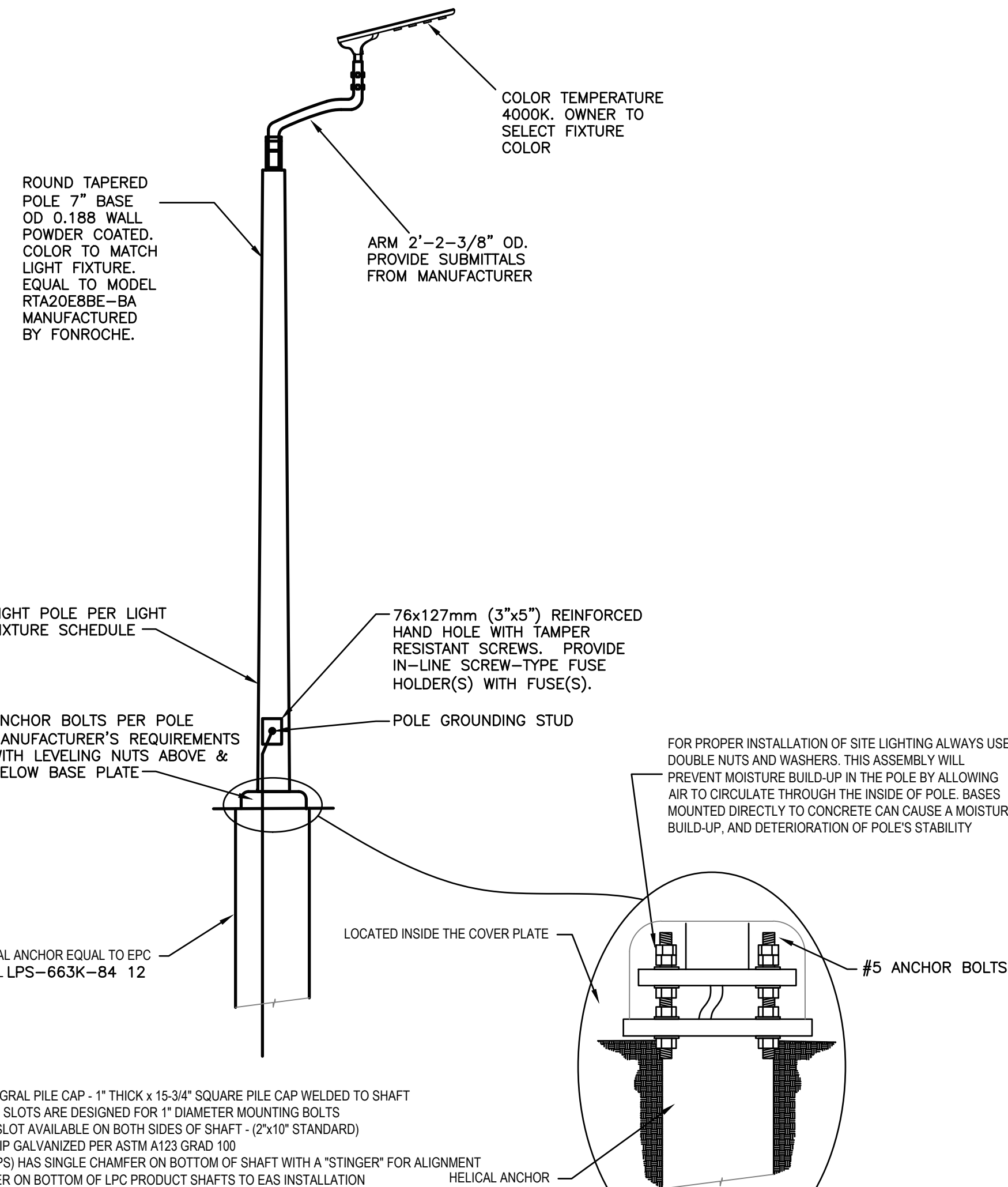
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SPECIAL SPECIFICATION 4004 SCREW-IN TYPE ANCHOR FOUNDATIONS:

- DESCRIPTION
CONSTRUCT SCREW-IN TYPE FOUNDATIONS ONLY FOR ROADSIDE FLASHING BEACON ASSEMBLY (RFBA), SOLAR-POWER ROADSIDE FLASHING BEACON ASSEMBLY (SPRFBA) AND PEDESTAL POLES AS REQUIRED ON THE PLANS.
- MATERIALS
ENSURE MATERIALS CONFORM TO ITEM 441, ?STEEL STRUCTURES,? ITEM 442, ?METAL FOR STRUCTURES,? AND ITEM 445, ?GALVANIZING,? PROVIDE ONLY NEW SCREW-IN TYPE FOUNDATIONS, AND UNLESS OTHERWISE SPECIFIED, A MINIMUM 5 FT. IN LENGTH AND 8 IN. IN DIAMETER PIPE WITH A MINIMUM 13 IN. HELIX. PROVIDE A BASE PLATE CAPABLE OF ACCOMMODATING FOUR MOUNTING HOLES TO FIT A VARIABLE BOLT CIRCLE UP TO A 17 IN. ENSURE A MINIMUM 12 IN. CONDUIT OPENING IS LOCATED APPROXIMATELY 12 IN. FROM THE BASE. PROVIDE PIPE CONFORMING TO ASTM A-53, GRADE B OR EQUAL. PROVIDE BASE PLATES CONFORMING TO ASTM A-36 OR BETTER. USE ANCHOR BOLTS HAVING MINIMUM YIELD STRENGTH OF 36 KSI. STAMP, INCISE OR MARK THE FOUNDATION BY OTHER APPROVED MEANS, TO SHOW THE FABRICATOR'S MODEL NUMBER, AND NAME OR LOGO. PLACE THIS INFORMATION IN A READILY SEEN LOCATION. UNLESS OTHERWISE SPECIFICALLY NOTED AND REQUESTED IN WRITING, AND SUBSEQUENTLY APPROVED BY THE ENGINEER, IN WRITING, SUPPLY THE FOUNDATION WITH THE BOLTS AND FLAT WASHERS NEEDED FOR ATTACHING THE PEDESTAL BASE TO THE FOUNDATION. PROVIDE SEVEN COPIES OF SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.
- CONSTRUCTION METHODS
FABRICATE AND INSTALL SCREW-IN ANCHORS IN ACCORDANCE WITH THE SPECIFICATIONS, DETAILS AND DIMENSIONS SHOWN ON THE PLANS OR AS APPROVED IN WRITING. LOCATE SCREW-IN ANCHORS AS SHOWN ON THE PLANS EXCEPT THAT THE ENGINEER MAY SHIFT THE LOCATION, WITHIN DESIGN GUIDELINES, WHERE NECESSARY TO SECURE A MORE DESIRABLE LOCATION OR TO AVOID CONFLICT WITH UTILITIES OR A VERY DENSE SOIL CONDITION. UNLESS OTHERWISE SHOWN ON THE PLANS, STAKE ALL SCREW-IN ANCHOR LOCATIONS FOR VERIFICATION BY THE ENGINEER. INSTALL SCREW-IN ANCHORS LOCATED NEAR ANY OVERHEAD OR UNDERGROUND UTILITIES USING ESTABLISHED INDUSTRY AND UTILITY SAFETY PRACTICES. CONSULT WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING SUCH WORK. INSTALL SCREW-IN ANCHORS USING POWER-DIGGING EQUIPMENT EQUIPPED WITH AN ADAPTER DESIGNED FOR INSTALLING SCREW-IN ANCHORS. ENSURE SHAFT ALIGNMENT IS WITHIN A TOLERANCE OF 1/4 IN. PER 5 FT. OF DEPTH. INSTALL ANCHORS LEVEL AND THE TOP OF THE ANCHOR BASE IS EITHER FLUSH TO OR WITHIN NO MORE THAN 2 IN. OF THE GROUND LEVEL.
- MEASUREMENT AND PAYMENT
THE WORK PERFORMED AND MATERIALS FURNISHED IN ACCORDANCE WITH THIS ITEM WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE ITEM 685, ?ROADSIDE FLASHING BEACON ASSEMBLIES? AND ITEM 687, ?PEDESTAL POLE ASSEMBLIES.

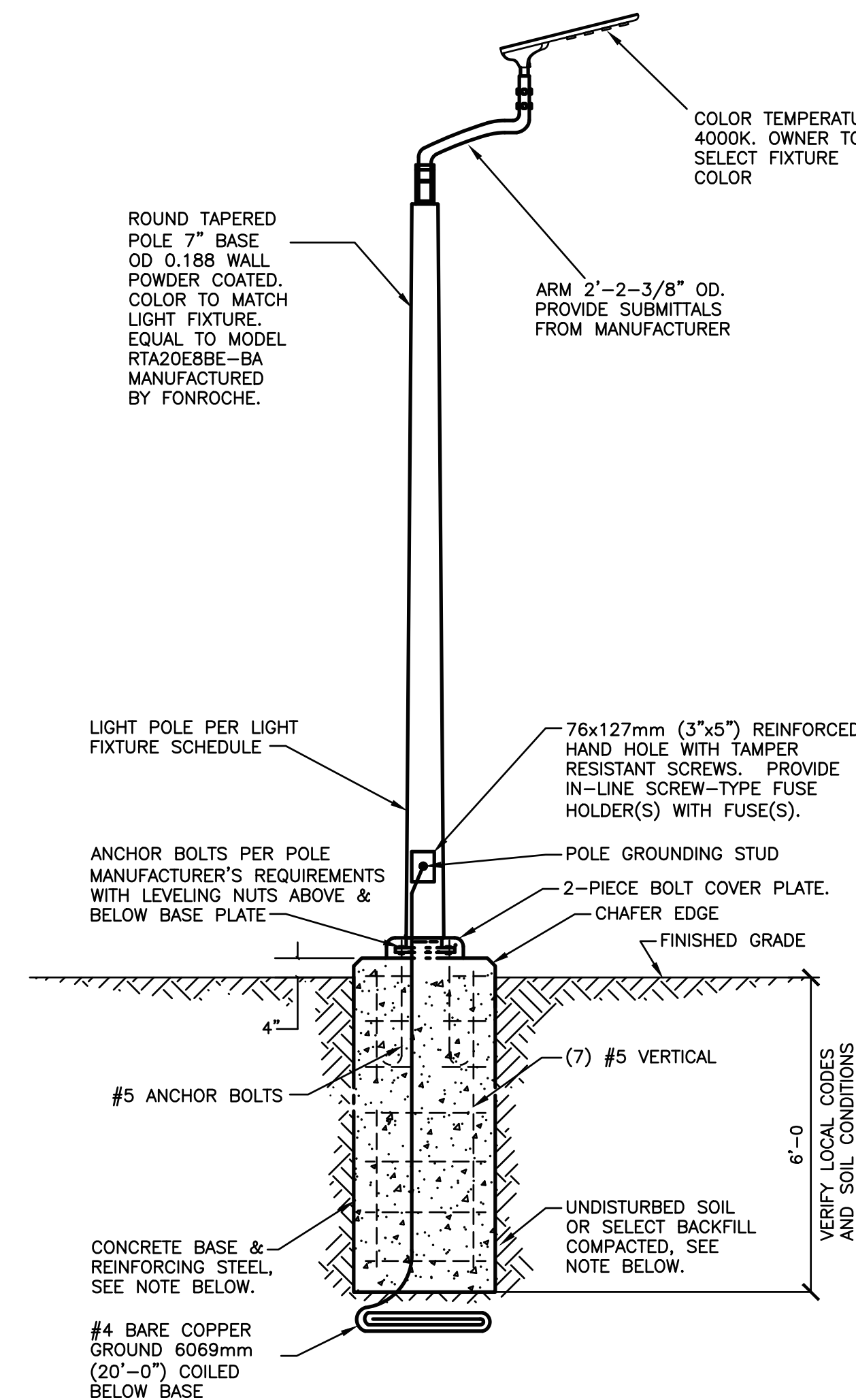
GENERAL NOTES:

- DETAILS SHOW A TYPICAL WARNING SIGN WITH TWO FLASHING BEACON HEADS. OTHER ARRANGEMENTS ARE POSSIBLE. WHEN ONLY ONE BEACON IS REQUIRED, INSTALL THE UPPER BEACON.
- SEE ITEM 685, "ROADSIDE FLASHING BEACON ASSEMBLIES" FOR FURTHER REQUIREMENTS.
- SEE SMD STANDARD SHEETS FOR LATERAL AND VERTICAL CLEARANCES AND SIGN MOUNTING DETAILS. INSTALL SIGNS AS SHOWN ON THE SIGN LAYOUT SHEETS.
- USE EITHER A SCREW-IN TYPE ANCHOR FOUNDATION OR A DRILLED SHAFT FOUNDATION AS SHOWN ELSEWHERE IN THE PLANS. WHEN PLANS REQUIRE A DRILLED SHAFT FOUNDATION, SEE STANDARD SHEET TS-FD. INSTALL THE SCREW-IN TYPE ANCHOR FOUNDATION AS PER MANUFACTURER'S RECOMMENDATIONS. ON A SLOPE, INSTALL ONE EDGE AT GROUND LEVEL. SCREW-IN/DRILLED SHAFT FOUNDATION IS SUBSIDIARY TO ITEM 685. INSTALLATION OF A GROUND ROD IS NOT REQUIRED FOR SOLAR POWERED FLASHING BEACON ASSEMBLIES.
- WHEN USED, PROVIDE SCREW-IN TYPE ANCHOR FOUNDATIONS AS SHOWN ON TXDOT'S MATERIAL PRODUCER LIST (MPL) IN THE FILE "HIGHWAY TRAFFIC SIGNALS".
- PROVIDE CLEARANCE AS SHOWN ABOVE THE SIDEWALK OR PAVEMENT GRADE AT THE EDGE OF THE ROAD. WHEN A BOTTOM BEACON IS NOT USED, MOUNT THE BOTTOM OF THE SIGN AT LEAST 7 FT. ABOVE THE SIDEWALK OR PAVEMENT GRADE AT THE EDGE OF THE ROAD.
- PROVIDE 20' IN LENGTH ANSI CLASS 5 TIMBER POLES. INSTALL POLE AS SHOWN OR AT THE EDGE OF BEACON ASSEMBLIES.
- USE MATERIALS SPECIFICALLY DESIGNED FOR ATTACHING CABINETS, BEACON HEADS, SOLAR PANELS, ETC., TO POLES.
- CONDUIT IN FOUNDATION AND WITHIN 6 IN. OF FOUNDATION IS SUBSIDIARY TO THE ITEM 685, ROADSIDE FLASHING BEACON ASSEMBLIES.
- PER MANUFACTURER'S RECOMMENDATIONS, ENGAGE ALL THREADS ON THE PEDESTAL POLE BASE AND PIPE UNLESS THE PIPE IS FULLY SEATED INTO BASE. IN HIGH WINDS, USE A POLE AND BASE COLLAR ASSEMBLY TO ADD STRENGTH AND PREVENT LOOSENING ON CONNECTION.
- INSTALL BEACON HEADS AS SHOWN HERE, AS SHOWN ELSEWHERE ON THE PLANS, OR AS DIRECTED. USE HARDWARE SPECIFICALLY DESIGNED FOR MOUNTING BEACON HEADS ON POLES.
- INSTALL TYPE LB CONDUIT BODY ATTACHMENT IN THE BOTTOM THIRD OF THE BACK OF THE CABINET.
- PROVIDE SINGLE POLE NON-FUSED WATERTIGHT BREAKAWAY ELECTRICAL CONNECTORS FOR FRANGIBLE PEDESTAL POLE BASES, AS SHOWN ON TXDOT'S MPL IN THE FILE "ROADWAY ILLUMINATION AND ELECTRICAL SUPPLIES". APPROVED MODELS ARE LISTED UNDER ITEM 685. FOR UNGROUNDED (HOT) CONDUCTORS, INSTALL A BREAKAWAY CONNECTOR WITH A DUMMY FUSE (SLUG). FOR GROUNDED (NEUTRAL) CONDUCTORS, INSTALL A BREAKAWAY CONNECTOR WITH A WHITE COLORED MARKING AND A PERMANENTLY INSTALLED DUMMY FUSE (SLUG).
- INSTALL THE BATTERIES IN A BATTERY BOX. PLACE THE BATTERIES ON A 3/16" THICK PLASTIC SHEET AND CONNECT TOGETHER. PLACE A PLASTIC COVER (BATTERY BELL JAR) OVER THE TOP OF EACH BATTERY AND SECURE THE BATTERY BELL JAR TO THE BATTERY WITH A STRAP. THE BATTERIES, BELL JARS, STRAPS AND 3/16" PLASTIC SHEET ARE SUBSIDIARY TO THE ITEM 685, "ROADSIDE FLASHING BEACON ASSEMBLIES". WHEN REQUIRED, INSTALL BATTERIES IN THE FLASHER CABINET. WIRE BATTERIES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. PROVIDE THE NUMBER OF BATTERIES AS REQUIRED BY THE MANUFACTURER.
- SEE STANDARD SHEET ELECTRICAL DETAILS (ED) FOR ADDITIONAL REQUIREMENTS REGARDING THE INSTALLATION OF GROUND BOXES/BATTERY BOXES, CONDUIT, AND CABINETS.
- UNLESS OTHERWISE SHOWN ON THE PLANS OR RECOMMENDED BY THE MANUFACTURER, USE THE FOLLOWING TABLE TO DETERMINE THE WIRE SIZE FROM CABINET TO BEACONS.
- UNLESS OTHERWISE SHOWN ON THE PLANS, POLE SHAFT SHALL BE ONE PIECE, SCHEDULE 40 ALUMINUM PIPE, ASTM B429 OR B221 (ALLOY 6061-T6 ONLY). ALUMINUM CONDUIT WILL NOT DEVELOP THE NECESSARY STRENGTH AND WILL NOT BE ALLOWED.
- ORIENT SOLAR PANEL FOR OPTIMUM EXPOSURE TO SUNLIGHT (FACE TO THE SOUTH). PRIOR TO INSTALLATION, CHECK THE LOCATION TO ENSURE THERE IS NO OVERHEAD OBSTRUCTION THAT WOULD BLOCK THE SOLAR PANEL FROM RECEIVING FULL SUNLIGHT. UNLESS SPECIFIED ELSEWHERE, MOUNT A MINIMUM OF 14' ABOVE GRADE.
- ENSURE HEIGHT OF CONDUIT IS BELOW TOP OF ANCHOR BOLTS.



STANDARD INTEGRAL PILE CAP - 1" THICK x 15-3/4" SQUARE PILE CAP WELDED TO SHAFT
STANDARD 1-1/8" SLOTS ARE DESIGNED FOR 1" DIAMETER MOUNTING BOLTS
CABLE ACCESS SLOT AVAILABLE ON BOTH SIDES OF SHAFT - (2"x10" STANDARD)
SUPPLIED HOT DIP GALVANIZED PER ASTM A123 GRAD 100
STINGER END (LPS) HAS SINGLE CHAMFER ON BOTTOM OF SHAFT WITH A "STINGER" FOR ALIGNMENT
DOUBLE CHAMFER ON BOTTOM OF LPC PRODUCT SHAFTS TO EAS INSTALLATION

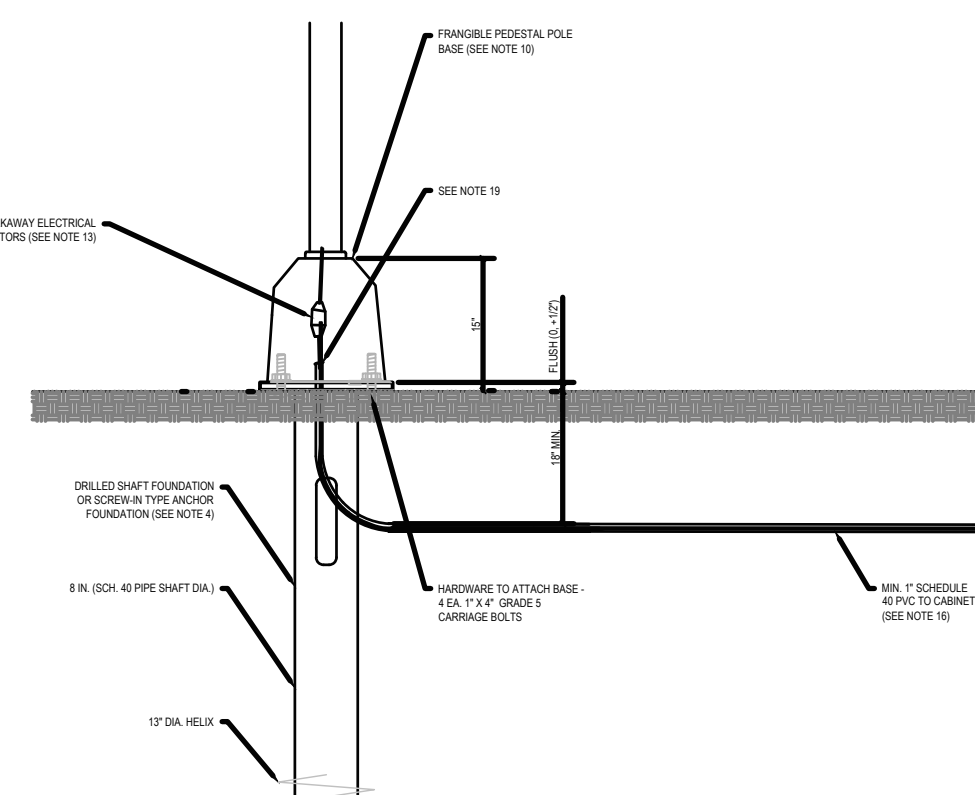
1 HELICAL ANCHOR FOUNDATION DETAIL
NTS



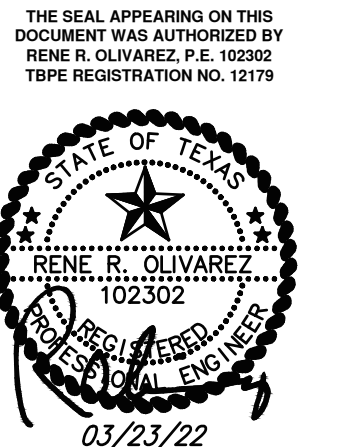
GENERAL NOTES:

- REINFORCING BASED ON 90MPH WIND AND 2500 PSF SOIL BEARING PRESSURE. LIGHTING MANUFACTURER TO DETERMINE IF WIND LOADS, SOIL BEARING OR LOCAL ORDINANCES DIFFER AND ADJUST FOOTING ACCORDINGLY.
- REFER TO SPECIFICATIONS FOR MOUNTING AND LEVELING REQUIREMENTS.

2 CONCRETE FOUNDATION
NTS



SOLAR MODULE
3 BREAKAWAY CONNECTION
NTS



PROJECT NAME: HIDALGO COUNTY PCT 1
SOLAR LIGHTING
PROJECT LOCATION: HARGILL, TX

NO.	DATE	DESCRIPTION

PROJECT NO.: 2122

DRAWN BY: A.M.

CHECKED BY: R.O.

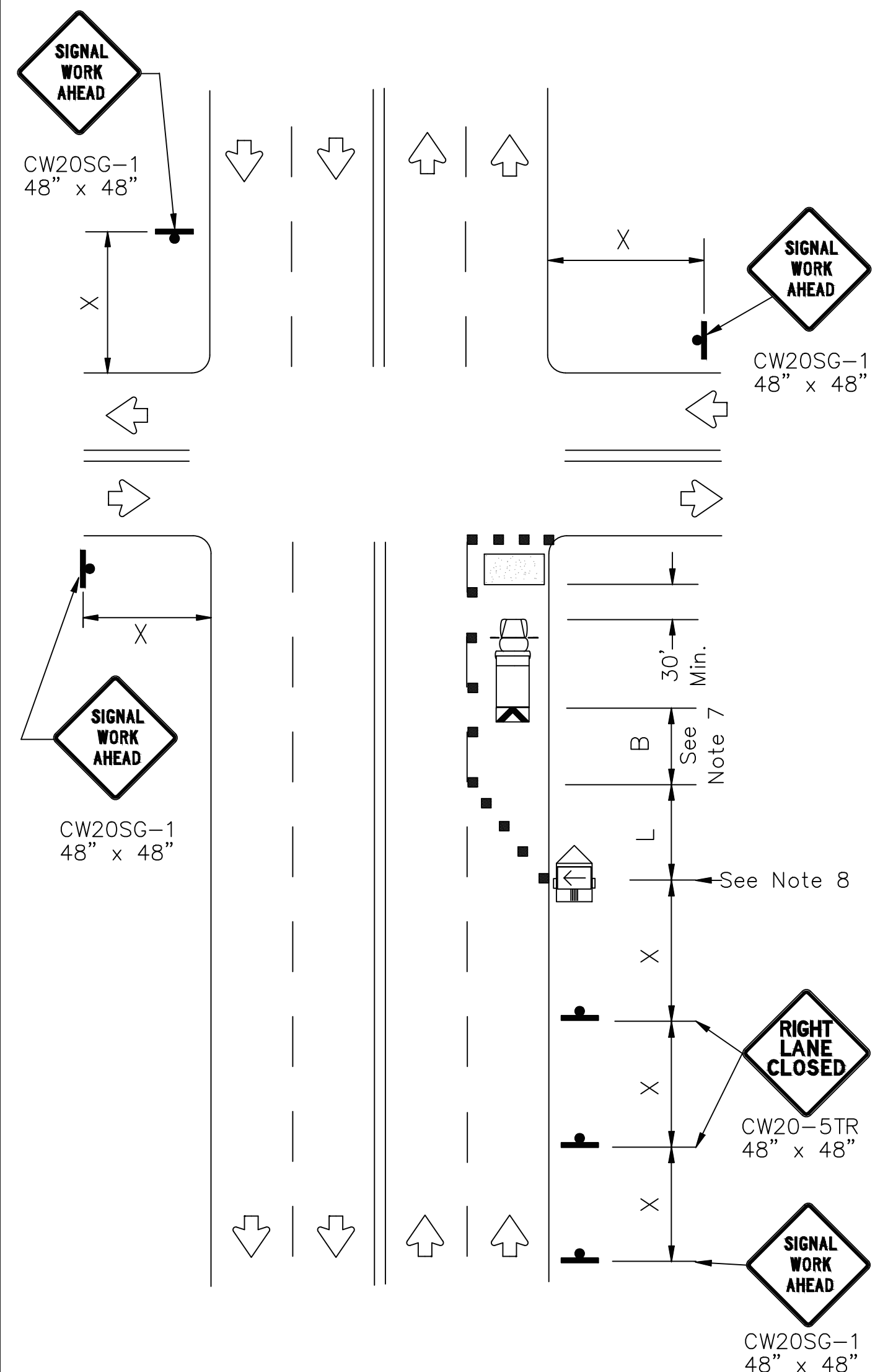
SHEET TITLE:

FOUNDATION &
POLE DETAILS

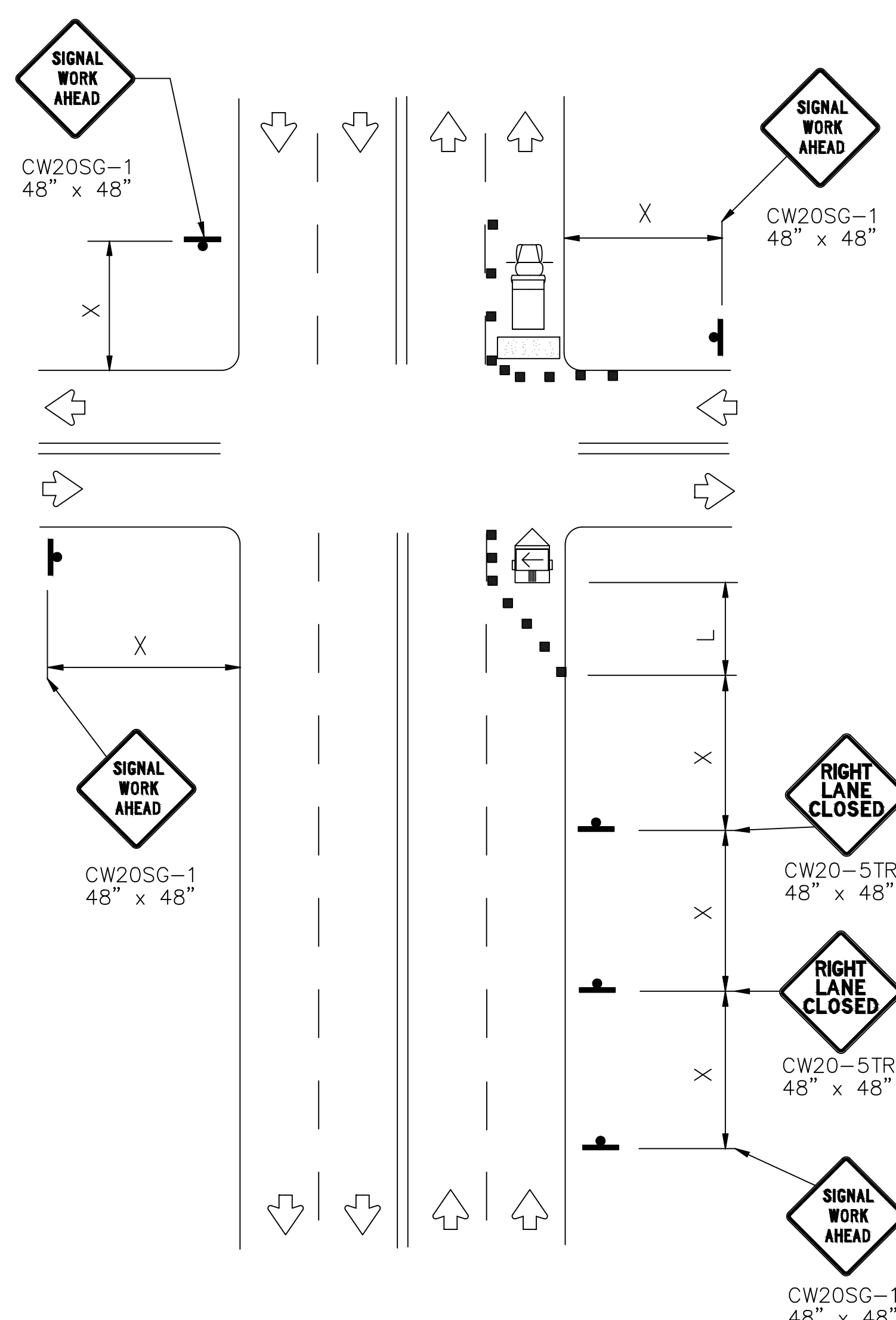
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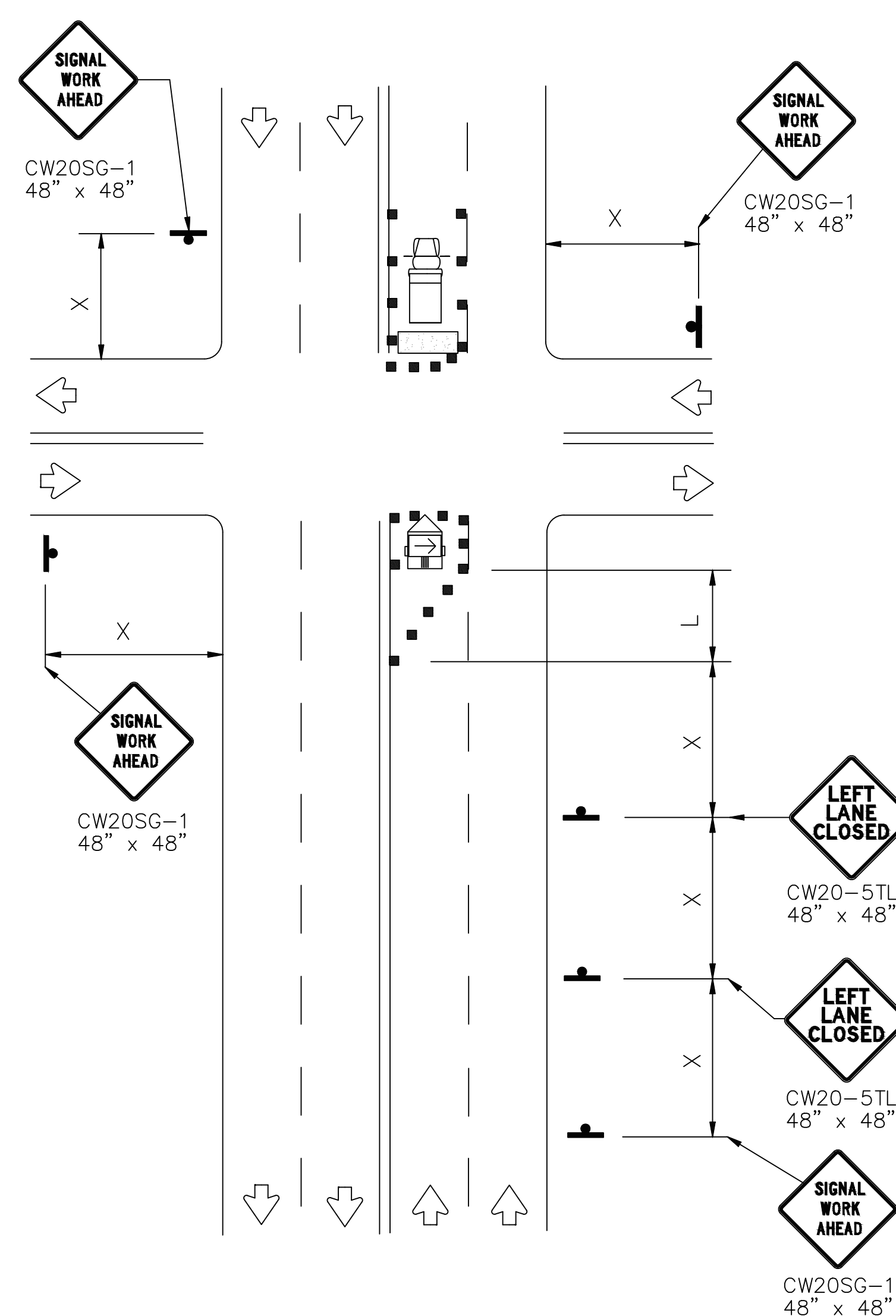
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NEAR SIDE LANE CLOSURE
SHORT DURATION OR SHORT TERM STATIONARY



FAR SIDE RIGHT LANE CLOSURE
SHORT DURATION OR SHORT TERM STATIONARY



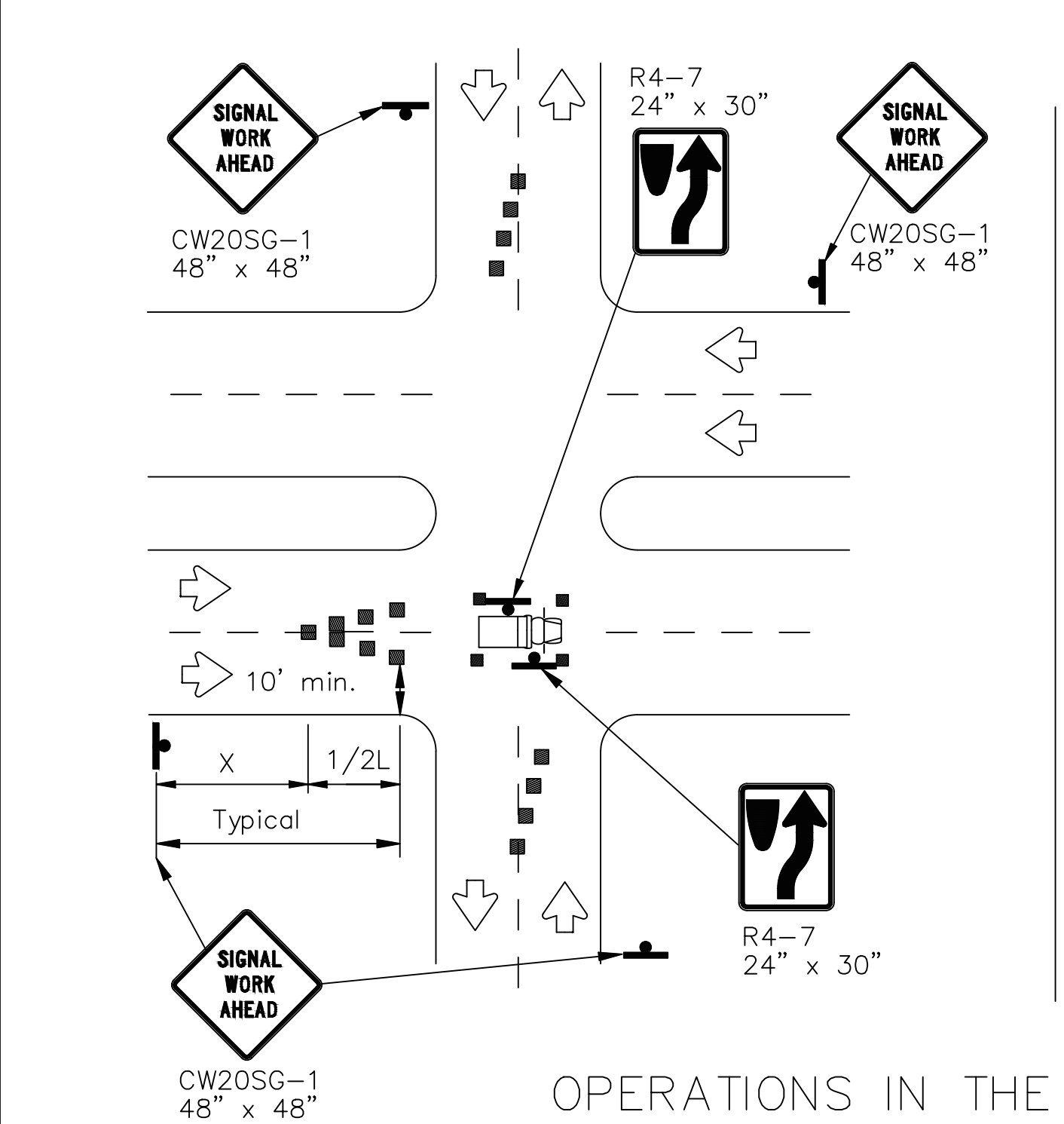
FAR SIDE LEFT LANE CLOSURE
SHORT DURATION OR SHORT TERM STATIONARY

LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

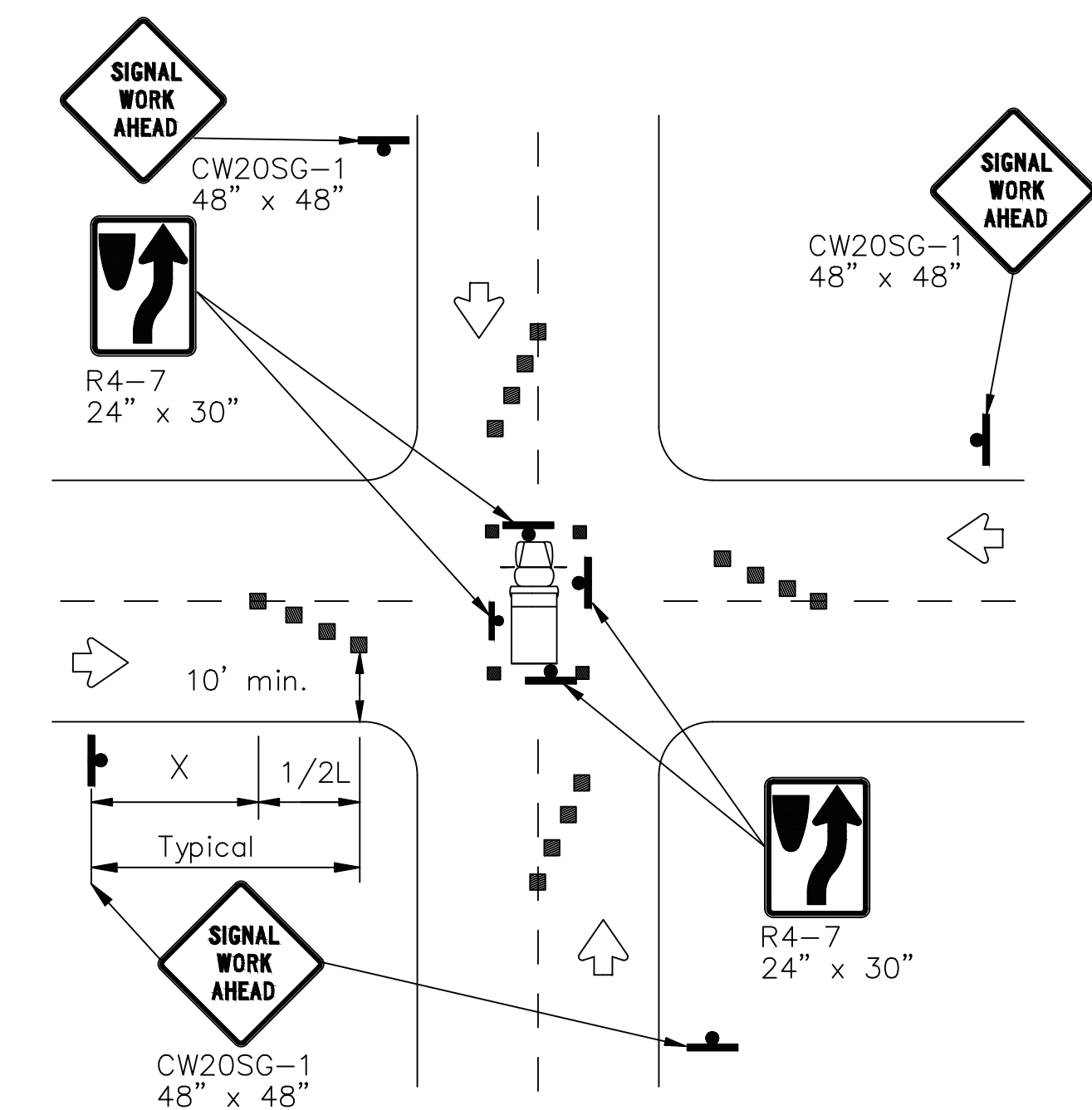
Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L=WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

WORKERS IN BUCKET TRUCKS SHALL NOT WORK ABOVE OPEN LANES OF TRAFFIC.



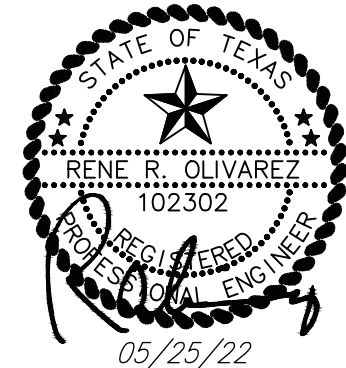
OPERATIONS IN THE INTERSECTION
SHORT DURATION



GENERAL NOTES

- The minimum size channelizing device is the 28" cone. 42" Two-piece cones, drums, vertical panels or barricades will be required when the device must be left unattended at night.
- Obstructions or hazards at the work area shall be clearly marked and delineated at all times.
- Flaggers and Flagger Symbol (CW20-7) signs may be required according to field conditions.
- Vehicles parked in roadway shall be equipped with at least two high intensity rotating, flashing, oscillating or strobe type lights.
- High level warning devices (flag trees) may be used at corners of the vehicle.
- When work operations are performed on existing signals, the signals may be placed in flashing red mode when approved by the engineer. If existing signals do not have power, All-Way Stop (R1-1 and R1-3P) signs may be implemented when approved by the engineer.
- For Short-Term Stationary work the buffer space "B" from the above table should be used if field conditions permit. For Short Duration (less than 1 hour) any buffer space provided will enhance the safety of the setup.
- The arrow board at this location may be omitted for Short Duration work if the work vehicle has an arrow board in operation. As an option, the arrow board may be placed at the end of the taper in the closed lane if space is not available at the beginning of the taper.
- Signs and devices for the NEAR SIDE LANE CLOSURE may be altered for a left lane closure by using a LEFT LANE CLOSED (CW20-5TL) and adding channelizing devices on the centerline to protect the work space from opposing traffic.

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY RENE R. OLIVAREZ, P.E. 102302 TPEE REGISTRATION NO. 12179

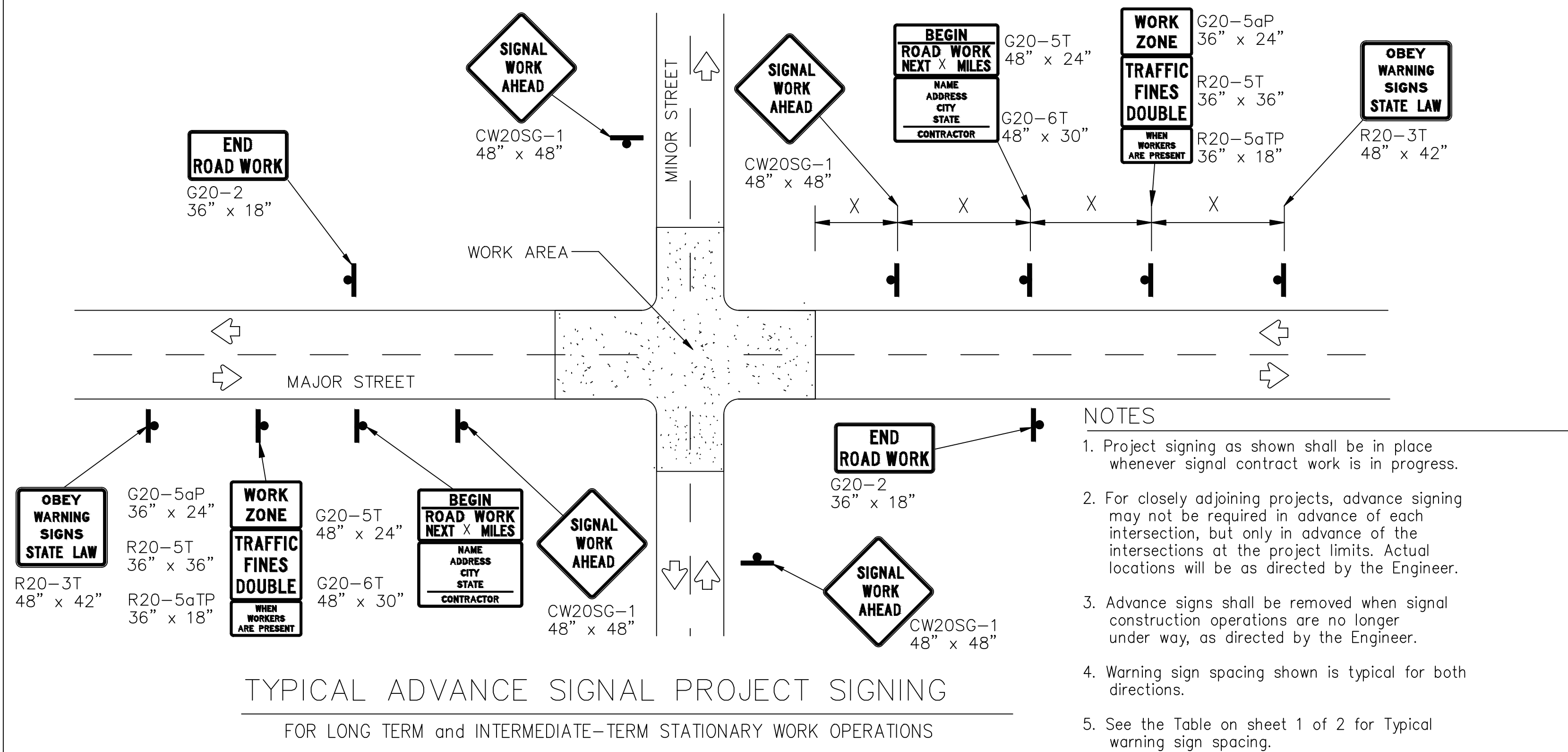


SHEET 1 OF 2

		Traffic Operations Division Standard	
TRAFFIC SIGNAL WORK TYPICAL DETAILS			
WZ(BTS-1)-13			
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©TxDOT April 1992	CONT	SECT	JOB
REVISIONS			
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4-98 3-03			SHEET NO.
114			

DATE:
FILE:

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- NOTES**
- Project signing as shown shall be in place whenever signal contract work is in progress.
 - For closely adjoining projects, advance signing may not be required in advance of each intersection, but only in advance of the intersections at the project limits. Actual locations will be as directed by the Engineer.
 - Advance signs shall be removed when signal construction operations are no longer under way, as directed by the Engineer.
 - Warning sign spacing shown is typical for both directions.
 - See the Table on sheet 1 of 2 for Typical warning sign spacing.

GENERAL NOTES FOR WORK ZONE SIGNS

- Signs shall be installed and maintained in a straight and plumb condition.
- Wooden sign posts shall be painted white.
- Barricades shall NOT be used as sign supports.
- Nails shall NOT be used to attach signs to any support.
- All signs shall be installed in accordance with the plans or as directed by the Engineer.
- The Contractor shall furnish the sign design shown in the plans or in the "Standard Highway Sign Designs for Texas" (SHSD).
- The Contractor shall furnish sign supports and substrates listed in the "Compliant Work Zone Traffic Control Device List" (CWZTCD), installed as per the manufacturer's recommendations.
- Temporary signs that have damaged or cracked substrates and/or damaged or marred reflective sheeting shall be replaced as directed by the Engineer.
- Identification markings may be shown only on the back of the sign substrate. The maximum height of letters and/or company logos used for identification shall be 1".
- Damaged wood posts shall be replaced. Splicing wood posts will not be allowed.

DURATION OF WORK

- Work zone durations are defined in Part 6, Section 6G.02 of the Texas Manual on Uniform Traffic Control Devices (TMUTCD).

SIGN MOUNTING HEIGHT

- Sign height of Long-term/Intermediate-term warning signs shall be as shown on Figure 6F-1 of the TMUTCD.
- Sign height of Short-term/Short Duration warning signs shall be as shown on Figure 6F-2 of the TMUTCD.
- Regulatory signs shall be mounted at least 7 feet, but not more than 9 feet, above the paved surface regardless of work duration.

REMOVING OR COVERING

- When sign messages may be confusing or do not apply, the signs shall be removed or completely covered, unless otherwise approved by the Engineer.
- When signs are covered, the material used shall be opaque, such as heavy mil black plastic, or other materials which will cover the entire sign face and maintain their opaque properties under automobile headlights at night without damaging the sign sheeting. Burlap, or heavy materials such as plywood or aluminum shall not be used to cover signs.
- Duct tape or other adhesive material shall NOT be affixed to a sign face.
- Signs and anchor stubs shall be removed and holes back filled upon completion of the work.

REFLECTIVE SHEETING

- All signs shall be retroreflective and constructed of sheeting meeting the requirements of the DMS and color usage table shown on this sheet.

SIGN SUPPORT WEIGHTS

- Weights used to keep signs from turning over should be sandbags filled with dry, cohesionless material.
- The sandbags will be tied shut to keep the sand from spilling and to maintain a constant weight.
- Rock, concrete, iron, steel or other solid objects will not be permitted for use as sign support weights.
- Sandbags should weigh a minimum of 35 lbs and a maximum of 50 lbs.
- Sandbags shall be made of a durable material that tears upon vehicular impact. Rubber, such as tire inner tubes, shall not be used.
- Rubber ballasts designed for channelizing devices should not be used for ballast on portable sign supports. Sign supports designed and manufactured with rubber bases may be used when shown on the CWZTCD list.
- Sandbags shall only be placed along or laid over the base supports of the traffic control device and shall not be suspended above ground level or hung with rope, wire, chains or other fasteners. Sandbags shall be placed along the length of the skids to weigh down the sign support.
- Sandbags shall NOT be placed under the skid and shall not be used to level sign supports placed on slopes.

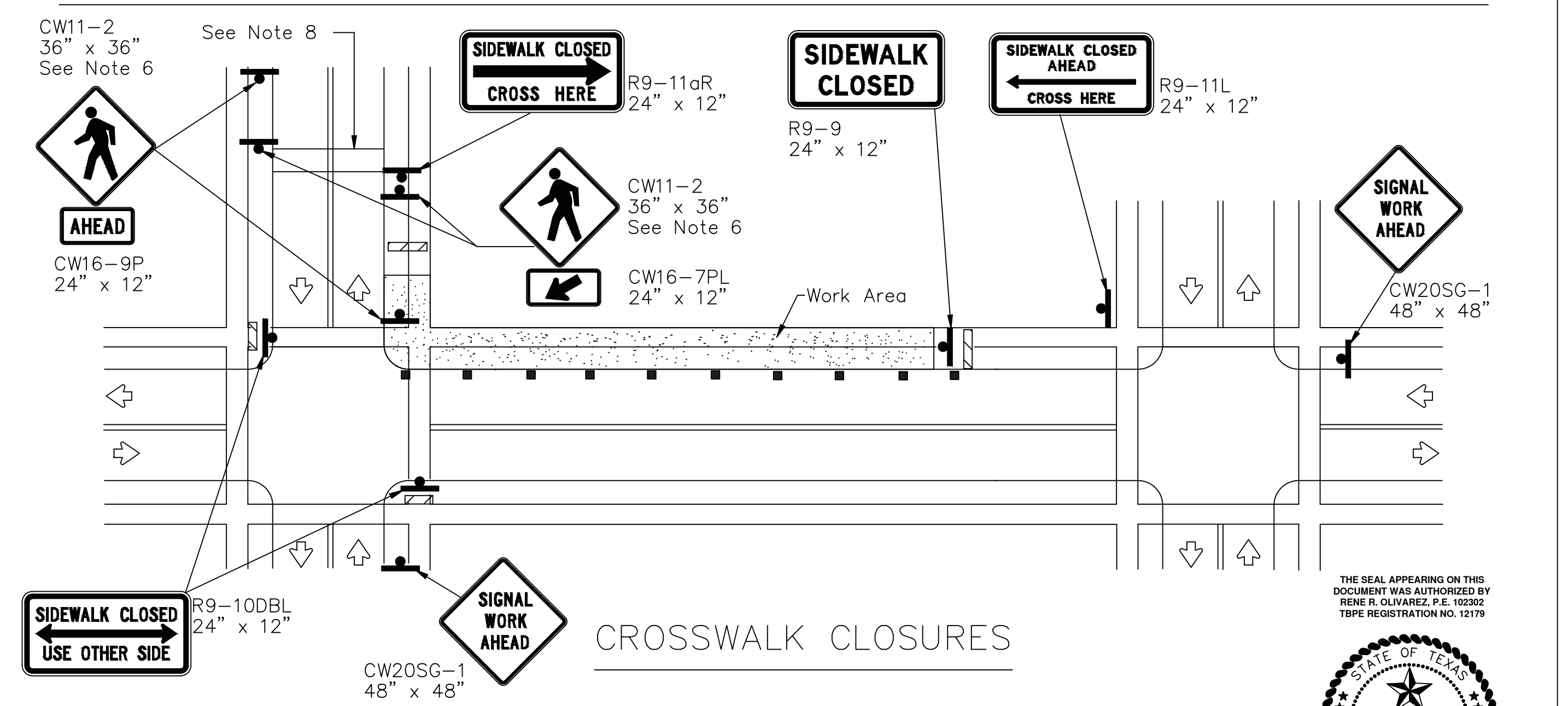
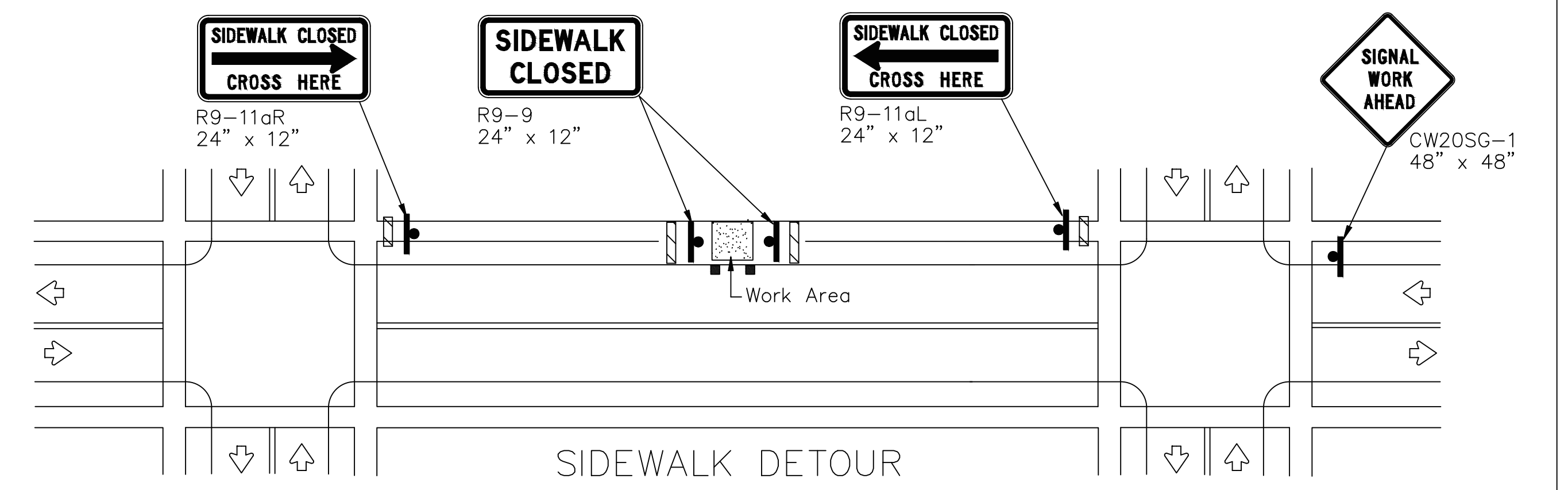
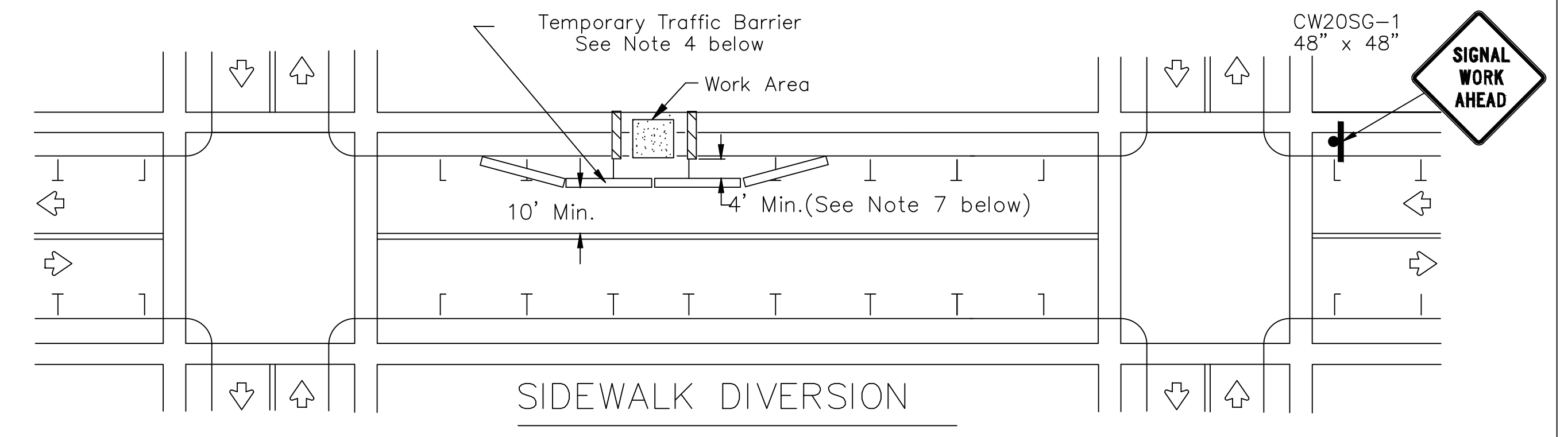
LEGEND	
	Sign
	Channelizing Devices
	Type 3 Barricade

DEPARTMENTAL MATERIAL SPECIFICATIONS

SIGN FACE MATERIALS	DMS-8300
FLEXIBLE ROLL-UP REFLECTIVE SIGNS	DMS-8310

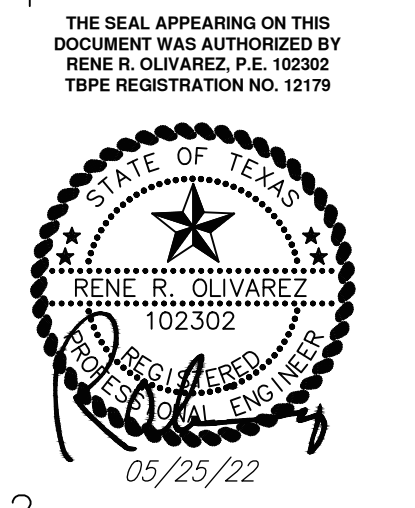
COLOR	USAGE	SHEETING MATERIAL
ORANGE	BACKGROUND	TYPE B _{FL} OR TYPE C _{FL} SHEETING
WHITE	BACKGROUND	TYPE A SHEETING
BLACK	LEGEND & BORDERS	ACRYLIC NON-REFLECTIVE SHEETING

Only pre-qualified products shall be used. A copy of the "Compliant Work Zone Traffic Control Devices List" (CWZTCD) describes pre-qualified products and their sources and may be found at the following web address:
http://www.txdot.gov/txdot_library/publications/construction.htm



PEDESTRIAN CONTROL

- Holes, trenches or other hazards shall be adequately protected by covering, delineating or surrounding the hazard with orange plastic pedestrian fencing or longitudinal channelizing devices, or as directed by the Engineer.
- "CROSSWALK CLOSURES" as detailed above will require the Engineer's approval prior to installation.
- R9 series signs shown may be placed on supports detailed on the BC standards or CWZTCD list, or when fabricated from approved lightweight plastic substrates, they may be mounted on top of a plastic drum at or near the location shown.
- For speeds less than 45 mph longitudinal channelizing devices may be used instead of traffic barriers when approved by the Engineer. Attenuation of blunt ends and installation of water filled devices shall be as per BC(9) and manufacturer's recommendations.
- Location of devices are for general guidance. Actual device spacing and location must be field adjusted to meet actual conditions.
- Where pedestrians with visual disabilities normally use the closed sidewalk Detectable Pedestrian Barricades should be used instead of the Type 3 Barricades shown.
- The width of existing sidewalk should be maintained if practical.
- Pavement markings for mid-block crosswalks shall be paid for under the appropriate bid items.
- When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.



SHEET 2 OF 2

		Traffic Operations Division Standard	
TRAFFIC SIGNAL WORK BARRICADES AND SIGNS			
WZ(BTS-2)-13			
FILE: wzbts-13.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT
©TxDOT April 1992	CONT	SECT	JOB
REVISIONS			
2-98 10-99 7-13	DIST	COUNTY	SHEET NO.
4-98 3-03			
115			



Appendix B

BID PAGE

BID PAGE

<u>Description</u>	<u>Quantity</u> *	<u>Unit Cost (each)</u> **	<u>Total Amount</u>
Solar LED Light (All-in-one solar light fixture and prefabricated light pole)	62	\$	\$

*Hidalgo County may reduce and/or adjust the quantities as required.

**All proposed pricing shall be inclusive of all shipping, labor, equipment, fuel, and associated costs.

BID PAGE

ACKNOWLEDGMENT FORM

I/We the undersigned hereby certify that I/We am/are a duly authorized official of the company and have the authority to sign on behalf of the company and assure that all statements made in the bid are true. I/We agree to furnish and deliver the specified items/services at the prices stated herein, and have read, understand, and agree to the terms and conditions contained herein and on all of the attachments.

COMPANY NAME:

ADDRESS:

CITY/STATE/ZIP:

PHONE NUMBER:

FAX NUMBER:

CELL NUMBER:

CONTACT PERSON:

E-MAIL ADDRESS:

AUTHORIZED SIGNATURE:

TITLE:

DATE:



Appendix C

INSURANCE AND BOND REQUIREMENTS

EXHIBIT "C"
Insurance Requirements
Applicable to the Acquisition of Goods and/or Services
(Other than Professional Services)

The Bidder awarded the contract shall furnish proof of insurance, which will also include any subcontractor that is subcontracted by the bidder in at least the following limits, to be in place prior to providing any services under this Contract and to continue at all times in force in effect during the term of this Contract and any extension hereof:

1. **Comprehensive General Liability insurance** policy with limits of not less than Five Hundred Thousand Dollar (\$500,000.00) providing additional coverage to all underlying liabilities of County. Policy shall cover, but not be limited to, Bidder's activities in providing the Services for County; all persons, vehicles, equipment connected with providing Services; and theft or loss of Bidder's property.
 2. **Automobile liability insurance** policy, covering all owned, non-owned or hired/leased automobiles, with limits of at least Three Hundred Thousand Dollars (\$300,000.00) per person and Five Hundred Thousand Dollars (\$500,000.00) per occurrence. Coverage should include injury to or death of persons and property damage claims with limits up to five Hundred Thousand (\$500,000.00) arising out of the services provide d to County hereunder.
 3. **Uninsured/Underinsured motorist coverage** in an amount equal to the auto liability limits set forth immediately above;
 4. **Workers Compensation Insurance:** Workers Compensation insurance in amounts established by Texas law, unless the Bidder is specifically exempted from the Texas Workers Compensation Act, Texas Labor Code Chapter 401, et. seq. Workers Compensation policies must include other States Endorsement to include TEXAS if the business is domiciled outside the State of Texas.
- *Bidder shall obtain and maintain any and all other insurances which may be necessary in providing the good/service applicable to this procurement or are otherwise required by law.*
 - *Any and all insurance policies shall be in amounts prescribed by law or otherwise specified by the County, but in no event less than the minimum amounts prescribed by law.*

Additional Insurance Requirements:

- a. Bidder shall furnish to County certificate(s) of insurance, and all renewals throughout the duration of the Project, issued by the insurer that such insurance is in full force and effect.
- b. Certificates of insurance shall be submitted to County for approval prior to any services being performed by Bidder.
- c. **Hidalgo County will only accept certificates of insurance on an Acord form (as attached hereto).**

- d. For each policy, except Workers' Compensation, Bidder shall name the County as an additional insured.
- e. Each policy of insurance required hereunder shall extend for a period equivalent to, or longer than the term of the Contract, and any insurer hereunder shall be required to give at least thirty (30) days written notice to the County prior to the cancellation of any such coverage on the termination date, or otherwise.
- f. This Contract shall be automatically suspended upon the cancellation, or other termination, of any required policy of insurance hereunder, and such suspension shall continue until evidence of adequate replacement coverage is provided to County. If replacement coverage is not provided within thirty (30) days following suspension of the Contract, this Contract shall automatically terminate.
- g. All insurance policies will be endorsed to provide a waiver of subrogation in favor of the County.
- h. County reserves the right to review the insurance requirements of this section during the effective period of the contract and to require adjustment of insurance coverage and their limits when deemed necessary and prudent by County based upon changes in statutory law, court decisions, or the claims history of the industry as well as the Bidder.
- i. Insurance policies shall be obtained at Bidder's sole expense. County does not maintain and will not obtain insurance of any type to protect Bidder against loss, damage or injury that may in any way result from Bidders performance of the services.
- j. In no event shall the County be liable for any loss, damage to or destruction of any property belonging to the Bidder.
- k. Bidder is responsible for ensuring all required insurance policies are valid for the duration of the contract.
- l. All insurance policies are to be issued by an insurance company authorized to do business in the State of Texas and acceptable to County.
- m. Bidder shall make any other insurance documentation available to County upon request.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MMDDYYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL:	
	ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	NAIC #
INSURED	INSURER A:	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXPI (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	CLAIMS-MADE OCCUR						MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
	GENL AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMPIOP AGG \$
	POLICY PRG-JECT LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	ANY AUTO						BODILY INJURY (Per person) \$
	ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
	SCHEDULED AUTOS						\$
	NON-OWNED AUTOS						\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
	DED RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS OTHER \$
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER	CANCELLATION
HIDALGO COUNTY ATTN: PURCHASING DEPARTMENT 2812 S, HIGHWAY BUS. 281 EDINBURG, TEXAS 78539	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

ACORD 25 (2010/05)

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INSURANCE REQUIREMENT ACKNOWLEDGEMENT

I, _____, authorized representative for _____,
Company/Vendor

hereby acknowledge receipt of the County's required insurance limits. Said requirements:

- will be acquired within 10 working days after notification from Purchasing Department of award of the project by the Hidalgo County Commissioners' Court;
- will acquire additional amount needed to meet the County's requirements within 10 working days after notification from Purchasing Department of award of the project by the Hidalgo County Commissioners' Court; currently carry the following:

Professional Liability (Errors & Omissions): \$ _____
Automobile Liability: \$ _____ General Liability: \$ _____

- have already been met, see attached copy of certificate of insurance.

Authorized Representative

Date

Notice to Bidder:

A certificate of insurance for the required insurance limits shall be provided to the Purchasing Department in order to qualify for award of the project and to execute a contract between your Company and the County.

Failure to provide Certificates of Insurance to the Purchasing Department's Contract Managers will cause the award of the project to be rescinded and then re-awarded to next qualified vendor. Certificates of Insurance will be monitored and verified on a **quarterly basis** to ensure coverage policy is in place. It is the Company's obligation to maintain the appropriate insurance coverage throughout the term of the contract.

THIS FORM MUST BE ACCOMPANY YOUR RESPONSE

PROJECT REQUIREMENTS ACKNOWLEDGMENT

This is to certify that I, _____, possess all of the **APPLICABLE**:

1. Licenses: _____

2. Bonds: _____

3. Certificates: _____

4. Permits: _____

5. Other: _____
necessary to carry out the required project. Furthermore, I am providing copies of the required documentation so that, if my company is awarded this project, I may be eligible to enter into a contract with Hidalgo County and proceed to complete the project in a timely manner.

*** Any licenses, bonds, certificates, permits, etc. which are required must be presented as part of the bid packet in order to expedite the bid evaluation process. Failure to provide said documentation will result in the disqualification of your bid or response.**

Authorized Signature

Date

Company

Address

City, State, Zip

HIDALGO COUNTY

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned _____
_____ as Principal, and _____
_____ as Surety, are hereby held and firmly bound
unto _____ as OWNER in the penal sum of _____

for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

Signed, this _____ day of _____, 2_____.

The condition of the above obligation is such that whereas the Principal has submitted to _____
_____ a certain BID attached hereto and
hereby made a part hereof to enter into a contract in writing for the

NOW, THEREFORE,

- (a) If said Bid shall be rejected, or
- (b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and Shall furnish a BOND for his faithful performance of said contract, and the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then, this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation is herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such Bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

_____(L.S.)
Principal

Surety

By: _____

IMPORTANT – Surety companies executing BONDS must appear on the Treasury Department’s most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.



Appendix D

CONFLICT OF INTEREST QUESTIONNAIRE (CIQ)

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 Name of vendor who has a business relationship with local governmental entity.

2 **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

Signature of vendor doing business with the governmental entity

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed;
- or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.



Appendix E

VENDOR ENROLLMENT SOLUTION and HUB DECLARATION

VENDOR ENROLLMENT SOLUTION

The Vendor Registration Form has been automated and will only be accepted through online submission. The Vendor Registration Form can be found on the Hidalgo County website: <https://www.hidalgocounty.us>, Home > Departments > Purchasing > Potential Vendors, or by using the link: <https://www.hidalgocounty.us/2912/Potential-Vendors-ConsiderMe>.



ConsiderMe

A Vendor Enrollment Solution



Register → Get Listed → Be Considered

Upon submission, you will receive an automatic confirmation email response advising your form has been successfully submitted. All submissions are reviewed by the Purchasing Department in the order they are received. Upon review and verification, approved vendors will be placed on our Potential Vendors List. Any incomplete submissions will be rejected and returned to the vendor to correct.

If you have any questions regarding the Vendor Registration Form please call the Purchasing Department at (956) 318-2626 or email us at vendor.application@co.hidalgo.tx.us.

For new Vendors:

As part of your procurement packet response, a copy of the confirmation email received is required.

For Current Vendors:

If your Company is a current active Vendor doing business with Hidalgo County, please submit this page and provide your Vendor Number below:

Vendor No.: _____

REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK.

HISTORICALLY UNDERUTILIZED BUSINESS (HUB) DECLARATION

The primary objective of the Hidalgo County HUB Program is to ensure Historically Underutilized Businesses receive a fair and equal opportunity for participation in the County’s procurement process. This fact holds true for Services (Professional & Non-Professional), Commodities, and Construction contracts and any subcontracts thereto. The program strongly encourages Prime Contractors to provide subcontracting opportunities to Certified Hub Contractors/Vendors. Our goal for HUB contractor/vendor participation, as well as HUB subcontractor participation is 30%. To be considered as a “Certified HUB Contractor/Vendor” the contractor/vendor must have been certified by, and hold a current and valid certification with any of the three agencies listed below.

Have you been Certified as a HUB or an MBE/WBE source?: Yes No

If yes, by whom?: Texas Building & Procurement Commission Other _____

Indicate Certification No(s): _____ or Are Certificate(s) Attached?: Yes No

LIST OF CERTIFIED HUB SUBCONTRACTORS

(Attach additional pages if necessary)

What percentage of the Bid, RFP, or RFQ is to be subcontracted with Certified HUB sources?: _____%
(List HUB Subcontractor information below).

HUB Subcontractor Name: _____ HUB Status:
Certifying Agency (Check all applicable): Texas Building & Procurement Commission Other
Address: _____ City: _____ State: _____ Zip:
Contact Person: _____ Title: _____ Phone No.: ()
Subcontract Amount: \$ _____ Description of Work to be Performed:

HUB Subcontractor Name: _____ HUB Status:
Certifying Agency (Check all applicable): Texas Building & Procurement Commission Other
Address: _____ City: _____ State: _____ Zip:
Contact Person: _____ Title: _____ Phone No.: ()
Subcontract Amount: \$ _____ Description of Work to be Performed:

HUB Subcontractor Name: _____ HUB Status:
Certifying Agency (Check all applicable): Texas Building & Procurement Commission Other
Address: _____ City: _____ State: _____ Zip:
Contact Person: _____ Title: _____ Phone No.: ()
Subcontract Amount: \$ _____ Description of Work to be Performed:



Appendix F

CERTIFICATION REGARDING DEBARMENT

**Certification
Regarding Debarment, Suspension and Ineligibility**

As is required by the Federal Regulations Implementing Executive Order 12549, Debarment and Suspension, 45 CFR Part 76, Government-wide Debarment and Suspension, the applicant certifies, to the best of his or her knowledge and belief, that both it and its principals:

- a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency;
- b. Have not within a three-year period preceding this bid proposal and/or application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or contract under a public transaction, violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- c. Are not presently indicted for or otherwise criminally or civilly charged by a government entity with commission of any of the offenses enumerated herein; and
- d. Have not within a three-year period preceding this bid proposal and/or application had one or more public transactions terminated for cause or default.

Signature: _____
Print Name: _____
Title: _____
Telephone Number: _____
Date: _____

If the bidder is unable to certify to all of the statements in this Certification, such bidder should attach an explanation to this proposal.



Appendix G

TITLE VI APPENDICES “A”-“E”

APPENDIX A
THE TITLE VI CONTRACTOR ASSURANCES

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor will comply with the Regulations relative to nondiscrimination in federally assisted programs of the United States Department of Transportation Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Nondiscrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, national origin, sex, age, disability, income or Limited English Proficiency in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and Acts and the Regulations relative to Non-discrimination on the grounds of race, color, national origin, sex, age, or disability.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the federal funding agency (FHWA or FTA) to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the Recipient or the Federal Funding Agency, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Non-compliance:** In the event of the contractor's non-compliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Funding Agency may determine to be appropriate, including, but not limited to:
 - a. withholding contract payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Funding Agency may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with, litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

APPENDIX B
CLAUSES FOR DEEDS TRANSFERRING UNITED STATES PROPERTY

The following clauses will be included in deeds effecting or recording the transfer of real property, structures, or improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance 4:

NOW, THEREFORE, the U.S. Department of Transportation as authorized by law and upon the condition that the **COUNTY OF HIDALGO** will accept title to the lands and maintain the project constructed thereon in accordance with (Name of Appropriate Legislative Authority), the Regulations for the Administration of (Naming of Appropriate Program), and the policies and procedures prescribed by the (Federal Highway Administration) of the U.S. Department of Transportation in accordance and in compliance with all requirements imposed by Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the **COUNTY OF HIDALGO** all the right, title and interest of the U.S. Department of Transportation in and to said lands described in Exhibit A attached hereto and made a part hereof.

(HABENDUM CLAUSE)

TO HAVE AND TO HOLD said lands and interests therein unto **COUNTY OF HIDALGO** and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and will be binding on the **COUNTY OF HIDALGO**, its successors and assigns.

The **COUNTY OF HIDALGO**, in consideration of the conveyance of said lands and interests in lands, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person will on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed [,] [and] * (2) that the **COUNTY OF HIDALGO** will use the lands and interests in lands and interests in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations and Acts may be amended[, and (3) that in the event of breach of any of the above-mentioned non-discrimination conditions, the Department will have a right to enter or re-enter said lands and facilities on said land, and that above described land and facilities will thereon revert to and vest in and become the absolute property of the U.S. Department of Transportation and its assigns as such interest existed prior to this instruction]. *

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary in order to make clear the purpose of Title VI.)

APPENDIX C

CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVED UNDER THE ACTIVITY, FACILITY, OR PROGRAM

The following clauses will be included in deeds, licenses, leases, permits, or similar instruments entered into by the **COUNTY OF HIDALGO** pursuant to the provisions of Assurance 7(a):

- A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add "as a covenant running with the land"] that:
 1. In the event facilities are constructed, maintained, or otherwise operated on the property described in this (deed, license, lease, permit, etc.) for a purpose for which a U.S. Department of Transportation activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain and operate such facilities and services in compliance with all requirements imposed by the Acts and Regulations (as may be amended) such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
- B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Non-discrimination covenants, **COUNTY OF HIDALGO** will have the right to terminate the (lease, license, permit, etc.) and to enter, re-enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit, etc.) had never been made or issued.*
- C. With respect to a deed, in the event of breach of any of the above Non-discrimination covenants, the **COUNTY OF HIDALGO** will have the right to enter or re-enter the lands and facilities thereon, and the above described lands and facilities will there upon revert to and vest in and become the absolute property of the **COUNTY OF HIDALGO** and its assigns. *

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.

APPENDIX D
CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER
THE ACTIVITY, FACILITY OR PROGRAM

The following clauses will be included in deeds, licenses, permits, or similar instruments/agreements entered into by **COUNTY OF HIDALGO** pursuant to the provisions of Assurance 7(b)”

- A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add, “as a covenant running with the land”) that (1) no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the List of discrimination Acts And Authorities.

- B. With respect to (licenses, leases, permits, etc.), in the event of breach of any of the above nondiscrimination covenants, **COUNTY OF HIDALGO** will have the right to terminate the (license, permit, etc., as appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued.*

- C. With respect to deeds, in the event of breach of any of the above nondiscrimination covenants, **COUNTY OF HIDALGO** will there upon revert to and vest in and become the absolute property of **COUNTY OF HIDALGO** and its assigns.*

(*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

APPENDIX E

TITLE VI LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORITIES

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Nondiscrimination Authorities

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 *et seq.*).



Appendix H

REQUIRED CONTRACT CLAUSES FOR CONTRACTS UNDER FEDERAL AWARD

2 C.F.R. § 200.327 & 2 C.F.R. PART 200, APPENDIX II, REQUIRED CONTRACT CLAUSES FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS

The United States Office of Management and Budget (OMB) issued in 2 C.F.R. 200: *Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards* (Uniform Guidance). Subpart D: Post Federal Award Requirements: 2 CFR §§200.317-200.327 of the Uniform Guidance contain provisions applicable to procurements made with federal grant funding. [Except as otherwise provided, updated Post Federal Award Requirements (i.e.: 2 CFR §§200.317-200.327) apply to declarations and awards issued on or after November 12, 2020].

As a non-Federal entity, the County of Hidalgo’s (“County”) contracts must contain the applicable contract clauses described in Appendix II to the Uniform Guidance (Contract Provisions for non-Federal Entity Contracts Under Federal Awards), which are set forth below. (2 C.F.R. §200.327). If applicable, the following clauses shall supersede any existing, similar clauses stated within the bid document, contract, and/or Terms and Conditions. *The term “Contractor” used herein refers to the proposer, bidder or other entity/individual responding to the applicable procurement packet.*

If applicable, the regulations in 2 CFR, Part 200 and Appendix II to the Uniform Guidance, as it may be amended from time to time, and the contract clauses below, are incorporated by reference as part of this procurement packet and any resulting agreement.

To procure goods and services using funds under a federal grant or contract, specific federal laws, regulations, and requirements may apply in addition to those under state law. The following provisions are required and apply when federal funds are expended by the County of Hidalgo for any contract resulting from this procurement process.

1. Remedies.

- a. **Applicability.** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** Contracts for more than the simplified acquisition threshold currently set at \$150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate. See 2 C.F.R. Part 200, Appendix II, ¶ A.
- c. **Statement.** Pursuant to Federal Rule (A) above, when federal funds are expended by the County, the County reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party. Contractor shall comply with all applicable Federal, State of Texas, and local laws, rules, and regulations and shall obtain all applicable licenses and permits for the conduct of its business and the performance of the services, and any provision of equipment and material (“Applicable Law”). All transactions related to any of the Contract Documents shall be governed by the laws of the State of Texas, and trial of any action brought in connection with the bid or the Contract Documents shall be held exclusively in a state court in the County of Hidalgo, Texas.

2. Termination for Cause and Convenience.

- a. **Applicability.** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** All contracts in excess of \$10,000 shall address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement as follows. See 2 C.F.R. Part 200, Appendix II, ¶ B.
- c. **Statement.** *Termination.* County may terminate this Agreement for any reason upon ten (10) days written notice to the other party. County may terminate this Agreement immediately upon written notice if Contractor

breaches this Agreement. In the event of any termination, Contractor shall promptly deliver to the County any and all Work Materials prepared for the County prior to the effective date of such termination, all of which shall become County's sole property. After receipt of the Work Materials, County will pay Contractor for the services which the County determines were satisfactorily performed as of the effective date of the termination.

Excuses for Non-Performance. Either party shall be absolved from its obligations under this contract when and to the extent that performance is delayed or prevented (and in the County of Hidalgo's case when and to the extent that its need for the articles, materials or work to be supplied hereunder is reduced or eliminated) by reason of acts of God, fire explosion, war riots, strikes, labor disputes, or governmental laws, orders or regulations.

Default. If Contractor or Subcontractor shall breach any provision hereof or shall become insolvent, enter voluntary or involuntary bankruptcy or receivership proceedings or make an assignment to the benefit of creditors, County of Hidalgo shall have the right (without limiting any other rights or remedies which it may have hereunder or by operation of law) to terminate this contract by written notice to Contractor whereupon County shall be relieved of all further obligation hereunder except the obligation to pay the reasonable value of Contractor's prior performance (at not exceeding the contract rate), and Contractor shall be liable to County for all costs incurred by County in completing or procuring the completion of performance in excess of the contract price herein specified. The County's right to require strict performance of any obligation hereunder shall not be affected by any previous waiver, forbearance of course of dealing. Time is of the essence thereof.

3. **Equal Employment Opportunity.**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** Except as otherwise provided under 41 C.F.R. Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. § 60- 1.4(b), in accordance with Executive Order 11246, *Equal Employment Opportunity* (30 Fed. Reg. 12319, 12935, 3 C.F.R. Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, *Amending Executive Order 11246 Relating to Equal Employment Opportunity*, and implementing regulations at 41 C.F.R. Part 60 (Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor). See 2 C.F.R. Part 200, Appendix II, ¶ C.
- c. **Key Definitions:**
 - (1) *Federally Assisted Construction Contract.* The regulation at 41 C.F.R. § 60-1.3 defines a "federally assisted construction contract" as any agreement or modification thereof between any applicant and a person for construction work which is paid for in whole or in part with funds obtained from the Government or borrowed on the credit of the Government pursuant to any Federal program involving a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, or any application or modification thereof approved by the Government for a grant, contract, loan, insurance, or guarantee under which the applicant itself participates in the construction work.
 - (2) *Construction Work.* The regulation at 41 C.F.R. § 60-1.3 defines "construction work" as the construction, rehabilitation, alteration, conversion, extension, demolition or repair of buildings, highways, or other changes or improvements to real property, including facilities providing utility services. The term also includes the supervision, inspection, and other onsite functions incidental to the actual construction
- d. **Statement:** Contractor will comply with the Nondiscrimination Civil Rights Act of 1964, as amended and all Federal regulations relative to nondiscrimination in Federally assisted programs. The regulation at 41 C.F.R. Part 60-1.4(b) requires the insertion of the following contract clause:

“During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.

(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, That in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the contractor may request the United States to enter into such litigation to protect the interests of the United States.”

4. **Davis Bacon Act and Copeland Anti-Kickback Act.**

- a. **Applicability of Davis-Bacon Act.** The Davis-Bacon Act only applies to the emergency Management Preparedness Grant Program, Homeland Security Grant Program, Nonprofit Security Grant Program, Tribal Homeland Security Grant Program, Port Security Grant Program, and Transit Security Grant Program. **It does not apply to other Federal grant and cooperative agreement programs, including the Public Assistance Program.**

- b. Standard. All prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. §§ 3141-3144 and 3146-3148) as supplemented by Department of Labor regulations at 29 C.F.R. Part 5 (Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction)).

In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week.

The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

In contracts subject to the Davis-Bacon Act, the contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations at 29 C.F.R. Part 3 (Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States). The Copeland Anti-Kickback Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to FEMA or applicable Federal entity. See 2 C.F.R. Part 200, Appendix II, ¶ D.

- c. Statement. The regulation at 29 C.F.R. § 5.5(a) does provide the required contract clause that applies to compliance with both the Davis-Bacon and Copeland Acts. However, as discussed in the previous subsection, the Davis-Bacon Act does not apply to Public Assistance recipients and subrecipients. In situations where the Davis-Bacon Act does not apply, neither does the Copeland “Anti-Kickback Act.” However, for purposes of grant programs where both clauses do apply, FEMA or applicable Federal entity requires the following contract clause:

“Compliance with the Copeland “Anti-Kickback” Act.

(1) *Contractor*. The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

(2) *Subcontracts*. The contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as Federal requirements may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.

(3) *Breach*. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.”

5. **Contract Work Hours and Safety Standards Act.**

- a. Applicability: This requirement applies to all Federal grant and cooperative agreement programs.
- b. Standard. Where applicable (see 40 U.S.C. § 3701), all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations at 29 C.F.R. Part 5.

Under 40 U.S.C. § 3702, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week.

The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. See 2 C.F.R. Part 200, Appendix II, ¶ E.

The regulation at 29 C.F.R. § 5.5(b) provides the required contract clause concerning compliance with the Contract Work Hours and Safety Standards Act:

c. Statement.

“Compliance with the Contract Work Hours and Safety Standards Act.

(1) *Overtime requirements.* No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) *Violation; liability for unpaid wages; liquidated damages.* In the event of any violation of the clause set forth in paragraph (1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

(3) *Withholding for unpaid wages and liquidated damages.* The County of Hidalgo shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.

(4) *Subcontracts.* The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.”

6. Rights to Inventions Made Under a Contract or Agreement.

- a. Applicability: Stafford Act Disaster Grants. This requirement **does not apply to the Public Assistance, Hazard Mitigation Grant Program, Fire Management Assistance Grant Program, Crisis Counseling Assistance and Training Grant Program, Disaster Case Management Grant Program, and Federal Assistance**

to Individuals and Households – Other Needs Assistance Grant Program, as FEMA or Federal awards under these programs do not meet the definition of “funding agreement.”

- b. **Standard.** If the FEMA or Federal award meets the definition of “funding agreement” under 37 C.F.R. § 401.2(a) and the non-Federal entity wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the non-Federal entity must comply with the requirements of 37 C.F.R. Part 401 (Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements), and any implementing regulations issued by FEMA or applicable awarding agency. See 2 C.F.R. Part 200, Appendix II, ¶ F.
- c. **Key Definition:** The regulation at 37 C.F.R. § 401.2(a) currently defines “funding agreement” as any contract, grant, or cooperative agreement entered into between any Federal agency, other than the Tennessee Valley Authority, and any contractor for the performance of experimental, developmental, or research work funded in whole or in part by the Federal government. This term also includes any assignment, substitution of parties, or subcontract of any type entered into for the performance of experimental, developmental, or research work under a funding agreement as defined in the first sentence of this paragraph.

7. **Clean Air Act and the Federal Water Pollution Control Act.**

- a. **Applicability and Standard:** Contracts of amounts in excess of \$150,000 must contain a provision that requires the contractor to agree to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 U.S.C. §§ 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. §§ 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency. See 2 C.F.R. Part 200, Appendix II, ¶ G.
- b. **Statement:** Included in contracts as provided in section “7a” above.
 - (1) The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. and the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
 - (2) The contractor agrees to report each violation to the Federal awarding agency (e.g. Federal Emergency Management Agency-FEMA) and the Regional Office of the Environmental Protection Agency. Contractor understands and agrees that each violation reported to the County of Hidalgo will, in turn, be reported as required to assure notification to the Federal awarding agency and the appropriate Environmental Protection Agency Regional Office.
 - (3) The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by the applicable Federal awarding agency (e.g. FEMA).

8. **Debarment and Suspension.**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** Non-Federal entities and contractors are subject to the debarment and suspension regulations implementing Executive Order 12549, *Debarment and Suspension* (1986) and Executive Order 12689, *Debarment and Suspension* (1989) at 2 C.F.R. Part 180 and the Department of Homeland Security’s regulations at 2 C.F.R. Part 3000 (Nonprocurement Debarment and Suspension).

These regulations restrict awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs and activities. See 2 C.F.R. Part 200, Appendix II, ¶ H; and Chapter IV, ¶ 6.d and Appendix C, ¶ 2. A contract award must not be made to parties listed in the SAM Exclusions. SAM Exclusions is the list maintained by the General

Services Administration that contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. SAM exclusions can be accessed at www.sam.gov. See 2 C.F.R. § 180.530; Chapter IV, ¶ 6.d and Appendix C, ¶ 2.

In general, an “excluded” party cannot receive a Federal grant award or a contract within the meaning of a “covered transaction,” to include subawards and subcontracts. This includes parties that receive Federal funding indirectly, such as contractors to recipients and subrecipients. The key to the exclusion is whether there is a “covered transaction,” which is any nonprocurement transaction (unless excepted) at either a “primary” or “secondary” tier. Although “covered transactions” do not include contracts awarded by the Federal Government for purposes of the nonprocurement common rule and DHS’s implementing regulations, it does include some contracts awarded by recipients and subrecipient.

Specifically, a covered transaction includes the following contracts for goods or services:

- (1) The contract is awarded by a recipient or subrecipient in the amount of at least \$25,000.
- (2) The contract requires the approval of FEMA or applicable Federal entity, regardless of amount.
- (3) The contract is for Federally-required audit services.
- (4) A subcontract is also a covered transaction if it is awarded by the contractor of a recipient or subrecipient and requires either the approval of FEMA or applicable Federal entity or is in excess of \$25,000.

- c. Statement. The following provides a debarment and suspension clause. It incorporates a method of verifying that contractors are not excluded or disqualified:

For maximum protection, provide a print or electronic document for every prime and subcontractor, from www.sam.gov in order to ensure that they are not debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs and activities.

This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

This certification is a material representation of fact relied upon by (insert name of subrecipient). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state City serving as recipient and name of subrecipient), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.”

9. Byrd Anti-Lobbying Amendment.

- a. Applicability: This requirement applies to all Federal grant and cooperative agreement programs.
- b. Standard. Contractors that apply or bid for an award of \$100,000 or more must file the required certification. See 2 C.F.R. Part 200, Appendix II, ¶ I; 44 C.F.R. Part 18; Chapter IV, 6.c; Appendix C, ¶ 4. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or

organization for influencing or attempting to influence an officer or employee of any City, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. § 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. See Chapter IV, ¶ 6.c and Appendix C, ¶ 4.

- c. Statement. The following statement in bold provides a Byrd Anti-Lobbying contract clause:

(IF APPLICABLE, PLEASE FILL IN BLANKS AND SIGN)

“Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended)

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.”

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

(To be submitted with each bid or offer exceeding \$100,000)

The undersigned Contractor, _____ certifies, to the best of his or her knowledge, that:

- 1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.**
- 2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form- LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.**
- 3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.**

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying

Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 *et seq.*, apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Official

Name and Title of Contractor's Authorized Official

Date

10. **Procurement of Recovered Materials.**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs.
- b. **Standard.** A non-Federal entity that is a **state agency or agency of a political subdivision** of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, Pub. L. No. 89-272 (1965) (codified as amended by the Resource Conservation and Recovery Act at 42 U.S.C. § 6962). See 2 C.F.R. Part 200, Appendix II, ¶ J; 2 C.F.R. § 200.323; *PDAT Supplement*, Chapter V, ¶ 7.

The requirements of Section 6002 include procuring only items designated in guidelines of the EPA at 40 C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired by the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

- c. **Statement.** The following provides the clause that a state agency or agency of a political subdivision of a state and its contractors can include in contracts meeting the above contract thresholds:

“(1) In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA- designated items unless the product cannot be acquired—

- (i) Competitively within a timeframe providing for compliance with the contract performance schedule;
 - (ii) Meeting contract performance requirements; or
 - (iii) At a reasonable price.
- (2) Information about this requirement, along with the list of EPA-designate items, is available at EPA’s Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.
- (3) The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.”

11. **Prohibition on Contracting for Covered Telecommunications Equipment or Services – 2 CFR § 200.216 (FEMA Interim Policy #405-143-1 effective August 13, 2020).**

- a. **Applicability:** This requirement applies to all Federal grant and cooperative agreement programs and/or as provided below, and is effective August 13, 2020.

- b. Standard. A non-Federal entity is prohibited against using federal funds to purchase telecommunications and video surveillance equipment and services (such as but not limited to mobile phones, land lines, internet, video surveillance, and cloud servers) from certain companies/entities in covered foreign countries for national security reasons. This regulation is being incorporated into federal grants and contracts received by the County through 2 CFR 200.216 and/or Federal Acquisition Regulations (FAR) clause 52.204-25; as well as guidance provided through Federal Emergency Management Agency (FEMA) Policy #405-143-1. See 2 C.F.R. Part 200, Appendix II, ¶ K

Currently, applicable federal provisions provide that Covered Foreign country means the People’s Republic of China and covered telecommunications equipment or services means –

- i. Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation, (or any subsidiary or affiliate of such entities);
- ii. For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);
- iii. Telecommunications or video surveillance services provided by such entities or using such equipment; or
- iv. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

The definition of “Affiliate” can be found in FAR 2.101. Listing of subsidiaries and affiliates can be found in Supplement Number 4 to 15 CFR Part 744.

- c. Statement. Federal awards recipients and subrecipients, as well as their contractors and subcontractors, include the following required contract clause in applicable new, extended, or renewed contracts and subcontracts as per the provisions discussed above.

PROHIBITION ON CONTRACTING FOR COVERED TELECOMMUNICATIONS EQUIPMENT OR SERVICES

- (a) Definitions. As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy, #405-143-1 Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services As used in this clause—
- (b) Prohibitions.
 - (1) Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug.13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.
 - (2) Unless an exception in paragraph (c) of this clause applies, the contractor and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:

- (i) Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
 - (ii) Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
 - (iii) Enter into, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or
 - (iv) Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.
- (c) Exceptions.
- (1) This clause does not prohibit contractors from providing—
 - a. A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
 - b. Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
 - (2) By necessary implication and regulation, the prohibitions also do not apply to:
 - a. Covered telecommunications equipment or services that:
 - i. Are not used as a substantial or essential component of any system; and
 - ii. Are not used as critical technology of any system.
 - b. Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.
- (d) Reporting requirement.
- (1) In the event the contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the contractor is notified of such by a subcontractor at any tier or by any other source, the contractor shall report the information in paragraph (d)(2) of this clause to the recipient or subrecipient, unless elsewhere in this contract are established procedures for reporting the information.
 - (2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:
 - (i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

- (ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.
- (e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments.

12. **Domestic Preferences for Procurements**

- a. **Applicability**: This requirement of this section must be included in all subawards including all contracts and purchase orders for work or products under Federal award applies to all contracts and purchase orders for work or products using federal funds.
- b. **Standard**. As appropriate, and to the extent consistent with law, Non Federal Entities should, to the greatest extent practicable under a federal award, provide a preference for the purchase, acquisition, or use of goods, products or materials produced in the United States. This includes, but is not limited to, iron, aluminum, steel, cement, and other manufactured products. See 2 C.F.R. Part 200.322 and 2 C.F.R. Part 200, Appendix II, ¶ L
- c. **Statement**. The following provides the required Domestic Preferences for Procurements contracts clause that is incorporated herein by reference.

“Domestic Preference for Procurements

As appropriate, and to the extent consistent with law, the contractor should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products.

For purposes of this clause:

- *Produced in the United States* means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- *Manufactured products* mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.”

ADDITIONAL REQUIRED CONTRACT CLAUSES FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS WITH THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

Additional FEMA or applicable Federal Requirements. In addition to the requirements above, non-Federal entity contracts under Federal award subject to financial assistance from FEMA are required to contain the following additional contract clauses. The Uniform Guidance authorizes FEMA to require additional provisions for non-Federal entity contracts. FEMA, pursuant to this authority, requires or recommends the following:

These clauses are incorporated by reference as part of this procurement packet and any resulting agreement.

1. **Changes**.

- a. **Standard**. To be eligible for FEMA assistance under the non-Federal entity’s Federal grant or cooperative agreement, the cost of the change, modification, change order, or constructive change must be allowable, allocable, within the scope of its grant or cooperative agreement, and reasonable for the completion of project scope. FEMA or applicable Federal entity recommends, therefore, that a non-Federal entity include a changes clause in its contract that describes how, if at all, changes can be made by either party to alter the method,

price, or schedule of the work without breaching the contract. The language of the clause may differ depending on the nature of the contract and the end-item procured.

- b. Statement. The following provides a contract clause regarding access to records:

“The contractor shall secure written authorization before proceeding with any additional work, whether requested by the County or required to complete the contract. The cost for any changes to the contract price, whether requested by the County or the Contractor will be approved only after submitting the contractor’s true costs for the work and related equipment costs and site expenses.”

2. **Access to Records.**

- a. Standard. All non-Federal entities must place into their contracts a provision that all contractors and their successors, transferees, assignees, and subcontractors acknowledge and agree to comply with applicable provisions governing Department and FEMA or applicable Federal entity access to records, accounts, documents, information, facilities, and staff. See DHS Standard Terms and Conditions, v 3.0, ¶ XXVI (2013).

- b. Statement. The following provides a contract clause regarding access to records:

“Access to Records. The following access to records requirements apply to this contract:

(1) The contractor agrees to provide the City of Concord, the FEMA or applicable Federal Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.

(2) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

(3) The contractor agrees to provide the FEMA or applicable Federal Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.”

3. **DHS Seal, Logo, and Flags.**

- a. Standard. All non-Federal entities must place in their contracts a provision that a contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS City officials without specific FEMA or applicable Federal entity pre-approval. See DHS Standard Terms and Conditions, v3.0, ¶ XXV (2013).

- b. Statement. The following provides a contract clause regarding DHS Seal, Logo, and Flags:

“The contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS City officials without specific FEMA or applicable Federal entity pre- approval.”

4. **Compliance with Federal Law, Regulations, and Executive Orders.**

- a. Standard. All non-Federal entities must place into their contracts an acknowledgement that FEMA or applicable Federal financial assistance will be used to fund the contract along with the requirement that the contractor will comply with all applicable Federal law, regulations, executive orders, and FEMA or applicable Federal policies, procedures, and directives.

- b. Statement. The following provides a contract clause regarding Compliance with Federal Law, Regulations and Executive Orders:

“This is an acknowledgement that Federal financial assistance will be used to fund the contract only. The contractor will comply will all applicable Federal law, regulations, executive orders, FEMA or applicable Federal policies, procedures, and directives.”

5. **No Obligation by Federal Government.**

a. **Standard.** The non-Federal entity must include a provision in its contract that states that the Federal Government is not a party to the contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

b. **Statement.** The following provides a contract clause regarding no obligation by the Federal Government:

“The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.”

6. **Program Fraud and False or Fraudulent Statements or Related Acts.**

a. **Standard.** The non-Federal entity must include a provision in its contract that the contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to its actions pertaining to the contract.

b. **Statement.** The following provides a contract clause regarding Fraud and False or Fraudulent Related Acts:

“The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor’s actions pertaining to this contract.”

7. **FEMA Contract requirement regarding Prohibition on Contracting for Covered Telecommunications Equipment or Services – 2 CFR § 200.216 (FEMA Interim Policy #405-143-1 effective August 13, 2020).**

FEMA recipients and subrecipients and their contractors and subcontractors are required per 2 C.F.R. Part 200, Appendix II ¶ K to include a contract provision in all FEMA-funded contracts and subcontracts, including any purchase orders. To satisfy this requirement, the contract provision found in Number 11 above is incorporated by reference by the County of Hidalgo in all new, extended, or renewed contracts and subcontracts. Applicable County contractors and subcontractors shall also comply with the applicable law and requirements. (See Number 11 above).

8. **FEMA Contract requirement regarding Domestic Preferences for Procurements**

For purchases in support of FEMA declarations and awards issued on or after November 12, 2020, all FEMA recipients and subrecipients are required per 2 C.F.R. Part 200, Appendix II ¶ L to include in all contracts and purchase orders for work or products the contract provision included in number 12 above encouraging domestic preference for procurements.

Contractor agrees to comply with all federal, state and local laws, rules, regulations and ordinances, as applicable. It is further acknowledged that the Contractor read and understands all provisions, laws, acts, regulations, etc. as specifically noted above and certifies compliance with the same.

Vendor’s Name/Company Name: _____

Printed Name and Title of Authorized Representative: _____

Signature of Authorized Representative: _____

Date: _____



Appendix I

FHWA 1273

**REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.



Appendix J

RESPONDENT'S AFFIDAVIT

**EXHIBIT J
PROPOSER'S AFFIDAVIT**

**PROPOSER'S AFFIDAVIT OF NON-COLLUSION, NON-CONFLICT OF INTEREST, AND
ANTI-LOBBYING**

STATE OF TEXAS
COUNTY OF HIDALGO

Affiant, _____, being first duly sworn, deposes that:

(1) Affiant does hereby state neither the proposer nor any of the proposer's officers, partners, owners, agents, representatives, employees, or parties in interest, has in any way colluded, conspired, agreed, directly or indirectly with any person, firm, corporation, or another proposer, or potential proposer, to provide any money or other valuable consideration for assistance in procuring or attempting to procure a contract or fix the prices in the attached proposed or the proposal of any other proposer, and further states that no such money or another reward will be hereinafter paid.

(2) Affiant further states they have neither recommended nor suggested to Hidalgo County or any of its officials or employees, any of the terms or provisions set forth in their Request for Proposal and subsequent agreement, except at a meeting open to all interested proposers, of which proper notice was given.

(3) Affiant, further states their officers, employees, or agents have not, and will not attempt to lobby, directly or indirectly, the Hidalgo County Commissioner's Court between proposal submission date and award by the Hidalgo County Commissioner's Court.

(4) Affiant further states no officer, or stockholder of the proposer is a member of the staff, or related to any employee of Hidalgo County except as noted herein below:

Signature/Title: _____

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public

My commission expires: _____, 20____



Appendix K

DRAFT AGREEMENT

shall not be in violation of any terms or conditions of said contract.

3. **Term.** This Contract shall be for a period of **One (1) year**, commencing on _____ , **2022** and expiring on _____ , **2023**, and may be extended at the sole discretion of the **County** for an additional **one (1) year term**, under the same rates, terms and conditions unless this Contract is terminated pursuant to the provisions herein, whichever occurs first. The **County** also reserves the right to continue this bid for an additional sixty (60) day grace period at the end of the contract term for unforeseen delay of award for the next term and under the same rates, terms and conditions.

4. **Licenses.** As a condition of this Contract, **Company** shall hold and maintain throughout the term of this Contract all licenses and permits required, or which may be required by any authority during the term hereof to provide the Services. If such license or permit is suspended or revoked, this Contract shall automatically be terminated and **Company** shall immediately notify the **County**.

5. **Company** shall provide a sufficient number of trucks, vehicles, personnel and equipment available to safely and efficiently provide the Services. All trucks or vehicles operated by the **Company** to perform the Services shall contain all equipment required by any authority to operate on streets and roads and all persons in the employed or subcontracted by the **Company** who operate such trucks or vehicles shall have the required licenses, qualifications, skill and expertise to perform such Services and shall comply with all laws, rules and regulations prescribed by any agency or authority having jurisdiction with regard to the operation of such trucks or vehicles in providing the Services.

6. **Consideration.** As consideration for rendering the Service provided for in this Contract, the **County** agrees to pay the **Company** the amounts negotiated after the acceptance of bid hereto payable against written invoice submitted by the **Company** in accordance with the Texas Prompt Payment Act, Tex. Govt. Code Ch. 2251.

7. **Insurance.** Consistent with its status as an independent contractor and at its sole expense, **Company** agrees that throughout the duration of the work under this contract and any extension hereof, it shall provide and maintain any and all insurances and abide by any requirements which are specified in the Procurement Packet and/or which may be necessary in providing Services or are otherwise required by law. Insurance policies shall cover, but are not limited to, **Company's** activities and all persons, vehicles, equipment and property connected with providing Services, to include theft or loss. The amount of insurance required shall be in accordance with amounts specified by the **County** or as prescribed by law, but in no event shall any amount be less than the minimum amounts prescribed by law, including, but not limited to the Texas Tort Claims Act. These requirements do not establish limits of the **Company's** liability. Any and all

applicable insurance requirements and amounts are incorporated herein by reference for all purposes. The **Company** is responsible for ensuring all required insurance policies are valid for the duration of the contract. All insurance policies are to be issued by an insurance **company** authorized to do business in the State of Texas and acceptable to the **County**. The **Company** shall cause all subcontractors utilized by the **Company** to also comply with these specifications. The **Company** shall furnish to the **County** certificate(s) of coverage, and all renewals throughout the duration of the Project, issued by the insurer that such insurance is in full force and effect. (See Exhibit "C" attached hereto and incorporated herein for all purposes). For each applicable policy, the **Company** shall name the **County** as an additional insured. The **Company** shall notify the **County** a minimum of thirty (30) days in advance of cancellation of all or part of a policy. The **Company** shall make any other insurance documentation available to the **County** upon request.

8. **Indemnification.** The **Company** shall indemnify and hold harmless the **County**, its elected officials, employees and agents from any and all claims, damages, losses, and expenses including attorney's fees for the defense of any action against the **County** arising out of, resulting from, or connected with the provision of the Service by the **Company** under this Contract. Said indemnity shall cover any act or failure to act by the **Company**, its agents or employees.

9. **Assignment.** This Contract shall not be assignable in whole or in part by either party without prior written consent of the other party.

10. **Conflict with Applicable Law.** Nothing in this Agreement shall be construed so as to require the commission of any act contrary to law, and whenever there is any conflict between any provision of this Agreement and any present or future law, ordinance or administrative, executive or judicial regulation, order or decree, or amendment thereof, contrary to which the parties have no legal right to contract, the latter shall prevail, but in such event the affected provision or provisions of this Agreement shall be modified only to the extent necessary to bring them within the legal requirements and only during the time such conflict exists.

11. **No Waiver.** No waiver by the **County** of any breach of any provision of this Agreement shall be deemed to be a waiver of any preceding or succeeding breach of the same or any other provision hereof. **Provisions.** In case any one or more of the provisions contained in this Contract shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof and this Contract shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

12. **Independent Contractor.** It is expressly agreed that this Contract and the performance by the parties hereunder does not create any agency relationship or master-servant relationship that the **County** has no supervision of the performance of the Services provided by the **Company**, and that the **Company** is an independent contractor under this Contract.

13. **Notice.** Any notice required or permitted to be given hereunder shall be in writing and shall be delivered personally or sent by certified mail, postage prepaid, as set forth below:

If to County: The County of Hidalgo
 Attn: County Judge
 100 E. Cano, 2nd Floor
 Edinburg, Texas 78539

Copy to: Hidalgo County Precinct No.1
 Attn: David L. Fuentes, Commissioner
 Address: 1902 Joe Stephens, Ste.101
 Weslaco, TX 78599

Hidalgo County Purchasing Department
Attn: Eduardo Belmarez, MBA, CPM, Purchasing Director
Attn: Hector A. Garcia, Contract Specialist III
2802 S. Bus. Hwy 281
Edinburg, Texas 78539

If to Company: Name: _____
 Address: _____

14. **Termination.** This Contract may be terminated by the **County** without cause upon thirty (30) days written notice.

15. **Successors.** This Contract shall be binding upon and inure to the benefit of and be enforceable by the parties hereto and their respective heirs, executors, administrators, legal representatives, successors, and assigns where permitted by this Contract.

16. **Governing Law.** This Contract shall be governed by and construed in accordance with the laws of the State of Texas and shall be performable in **Hidalgo County, Texas**. The parties hereby consent to personal jurisdiction in **Hidalgo County, Texas**.

17. **Commitment of Current Revenues Only.** In the event that, during any term hereof, the Commissioners Court does not appropriate sufficient funds to meet the obligations of the **County** under this Contract, the **County** may terminate this Contract upon ninety (90) days written notice to **Company**. The **County** agrees, however, to use reasonable efforts to secure funds necessary for the continued performance of this Contract. The parties intend this provision to be a continuing right to terminate this Contract at the expiration of each budget period of the **County**. *Agreements for the acquisition, including lease of real or personal property under Tex. Loc. Govt. Code §271.903:* In the event that, during any term hereof, the Commissioner's Court does not appropriate sufficient funds to meet the obligations of the **County** under this Agreement, the **County** may terminate this Contract upon ninety (90) days written notice to **Company**, the **County** agrees, however, to use a best efforts attempt to obtain and appropriate funds for payment of the Contract. The parties intend this provision, if applicable, to be a continuing right to terminate this at the expiration of each budget period of the **County** in accordance with Tex. Loc. Govt. Code §271.903 (Vernon Supp. 1996).
18. **Headings.** The headings and captions contained in this Contract are solely for convenient reference and shall not be deemed to affect the meaning or interpretation of any provision or paragraph hereof.
19. **Gender and Number.** All pronouns used in this contract shall include the other gender, whether used in the masculine, feminine or neuter gender, and the singular shall include the plural whenever and as often as may be appropriate
20. **Authority to Execute.** The execution and performance of this Contract by the **County** and Contractor have been duly authorized by all necessary laws, resolutions or corporate action, and this Contract constitutes the valid and enforceable obligations of the **County** and Contractor in accordance with its terms.
21. **Entire Agreement.** This Contract contains the entire contract between the parties hereto, and each party acknowledges that neither has made (either directly or through any agent or representative) any representation or agreement in connection with this contract not specifically set forth herein. This contract may be modified or amended only by contract in writing executed by the parties hereto, and not otherwise.
22. **Immunities.** Nothing in this Contract is intended to and the **County** does not hereby waive, release or relinquish any right to assert any of the defenses the **County** enjoys by virtue of the state or federal constitution, laws, rules or regulations, and any sovereign, official or qualified immunity available to the County as to any claim or action of any person, entity, or individual against the **County**.

23. **Nondiscrimination.** The **Company**, including subcontractors, assignees and successors in interest, ensures that no person shall on the grounds of race, religion, color, national origin, sex, age, or disability, or any other protected class under law, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation in any federally or non-federally funded program or activity when providing any services described herein under this contract/agreement. Applicable nondiscrimination statements and provisions of Title VI of the Civil Rights Act of 1964, as amended, were provided as part of the initial Procurement Packet and are incorporated herein and made a part of this contract for all purposes.

24. **Additional Documents.** The parties hereto covenant and agree that they will execute each such other and further instruments and documents as are or may become necessary or convenient to effectuate and carry out the terms of this contract.

25. **Required Contract Provision for Contracts Subject to Federal Award (if applicable).** Pursuant to 2 CFR 200.327, a non-federal entity's contracts must contain the applicable provisions described in appendix II to 2 CFR 200-Contract Provisions for non-Federal Entity Contracts under Federal Awards. Additionally, The **County** contracts under Federal award which are subject to assistance from the Federal Emergency Management Agency (FEMA) are also required to contain additional contract clauses. The applicable required contract clauses were provided as part of the initial procurement packet and are incorporated herein and made part of this contract for all purposes.

[SIGNATURE PAGE TO FOLLOW]

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS' COURT ON Month 00, 2022.

Agenda Item No. _____

Executive Office: _____

VENDOR:
ABC Company

COUNTY:
COUNTY OF HIDALGO

John Doe, Title

Hon. Richard F. Cortez, County Judge

APPROVED AS TO FORM
Office of the Criminal District Attorney,
Ricardo Rodriguez, Jr.

ATTEST:

Amanda Diane Austin,
Assistant District Attorney

Arturo Guajardo, Jr., County Clerk

ATTACHMENTS:
(If Applicable)

SUPPLEMENTAL SIGNATURES:
(If Applicable)



Appendix L

DEFICIENCIES and DEVIATIONS FORM



Appendix M

REFERENCE FORM

REFERENCE FORM

Respondent’s involvement with reference checks is not permitted. Only Hidalgo County Purchasing Department or authorized designees will conduct reference checks. Any deviation to this may result in rejection of your response.

Reference One

Client’s Name: _____

Type of Organization: _____

Address: _____

Contact Person: _____ Title: _____

Telephone: _____ E-mail: _____

Project Information

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____

Cost: Projected \$: _____ Actual \$: _____

Timeframe (Include Unit Measure) Projected _____ Actual _____

Status as of _____ (Circle One) Complete In Progress Canceled
Date

Reference Two

Client’s Name: _____

Type of Organization: _____

Address: _____

Contact Person: _____ Title: _____

Telephone: _____ E-mail: _____

Project Information

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____

Cost: Projected \$: _____ Actual \$: _____

Timeframe (Include Unit Measure) Projected _____ Actual _____

Status as of _____ (Circle One) Complete In Progress Canceled
Date

Reference Three

Client's Name: _____

Type of Organization: _____

Address: _____

Contact Person: _____ Title: _____

Telephone: _____ E-mail: _____

Project Information

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____

Cost: Projected \$: _____ Actual \$: _____

Timeframe (Include Unit Measure) Projected _____ Actual _____

Status as of _____ (Circle One) Complete In Progress Canceled
Date

Reference Four

Client's Name: _____

Type of Organization: _____

Address: _____

Contact Person: _____ Title: _____

Telephone: _____ E-mail: _____

Project Information

Name of Project: _____

Scope of Work: _____

Contract Period: From _____ to _____

Cost: Projected \$: _____ Actual \$: _____

Timeframe (Include Unit Measure) Projected _____ Actual _____

Status as of _____ (Circle One) Complete In Progress Canceled
Date



EXHIBIT “B”

COMPANY’S REPOSE

BID PAGE

<u>Description</u>	<u>Quantity *</u>	<u>Unit Cost (each) **</u>	<u>Total Amount</u>
Solar LED Light (All-in-one solar light fixture and prefabricated light pole)	64	\$ 2,100	\$ 134,400

ALTERNATES

<u>Description</u>	<u>Quantity *</u>	<u>Unit Cost (each) **</u>	<u>Total Amount</u>
<u>Alternate # 1</u> Provide light fixture mounted on tapered pole equal to model (RTA20D8B4) manufactured by HAPCO on Helical Anchor Foundation per detail. [1/S2.0]	64	\$ 2,100	\$ 134,400
<u>Alternate # 2</u> Provide light fixture mounted on Direct Burial Pole equal to (RTA20D8BE) manufactured by HAPCO per detail. [4/S2.0]	64	\$ 2,100	\$ 134,400

*Estimated quantities are for the purpose of award. Hidalgo County may reduce and/or adjust the quantities as required.

**All proposed pricing shall be inclusive of all shipping, labor, equipment, fuel, and associated costs.

***Specifications may reference name brands and model numbers. It is not the intent of Hidalgo County to restrict or preclude competition in any way, but to establish a desired quality level of merchandise or to meet a pre-established standard due to like existing items.



EXHIBIT "C"

CERTIFICATE OF INSURANCE