

Document G701

sandra garcia

E-signed 2025-05-27 10:19AM CDT

sandra.solis@co.hidalgo.tx.us



Change Order

PROJECT: (Name and Address) Hidalgo County Precinct No. 1 1902 Joe Stephens Weslaco, TX 78596	CHANGE ORDER NUMBER: 01	OWNER ☒
	DATE: 5/8/2025	ARCHITECT ☒
	ARCHITECT'S PROJECT NO: 0001	CONTRACTOR ☒
CONTRACTOR: (Name and Address) NM Contracting, LLC. 2022 Orchid Ave McAllen, TX 78504	CONTRACT DATE: 10/15/2024	FIELD ☐
	CONTRACT FOR: New Wellness Activity Community Center (WACC)	OTHER ☒

The Contract is changed as follows:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

Please see attached change proposals:

- CPR #001 - OTIS Elevator, Structural Changes, Foundation Changes

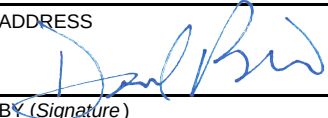
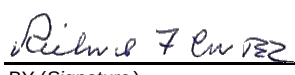
A total time extension of 95 days:

- 45 days- CPR #001

The original <u>Guaranteed Maximum Price</u> was	\$	<u>\$5,948,509.00</u>
The net change by previously authorized Change Orders	\$	<u>\$0.00</u>
The <u>Guaranteed Maximum Price</u> prior to this Change Order was	\$	<u>\$5,948,509.00</u>
The <u>Guaranteed Maximum Price</u> will be <u>increased</u> by this Change Order in the amount of	\$	<u>\$240,000.00</u>
The new <u>Guaranteed Maximum Price</u> including this Change Order will be	\$	<u>\$6,188,509.00</u>
The Contract Time will be <u>increased</u> by <u>fourty-five</u> (<u>45</u>) days		
The date of Substantial Completion as of the date of this Change Order therefore is		August 29, 2025.

(Note: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.)

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

B2Z ENGINEERING, LLC. ENGINEER (Firm name)	NM CONTRACTING, LLC. CONTRACTOR (Firm name)	HIDALGO COUNTY - PCT NO 1 OWNER (Firm name)
<u>900 S STEWART RD, STE. 12, MISSION TX</u> ADDRESS	<u>2022 ORCHID AVE, MCALLEN TX</u> ADDRESS	<u>1902 JOE STEPHENS AVE., WESLACO</u> ADDRESS
 BY (Signature)	 BY (Signature)	 BY (Signature)
<u>DAVID RIVERA / PROJECT MANAGER</u> Typed name	<u>Gerardo Garcia, VP of Operations</u> Typed name	<u>Hon. Richard F. Cortez, County Judge</u> Typed name
<u>5-8-2025</u> DATE	<u>5/8/2025</u> DATE	<u>05/27/2025</u> DATE

Change Proposal Request (CPR)

Project Information	
Project #	2143
Title	Hidalgo County - Precinct 1 Health and Wellness Center
Address	1901 N Bridge Ave
City, State, Zip	Weslaco , TX 78596
Country	United States

Change Proposal Request	
Contract #	001
CPR #	2143.005R2
Issue Date	08-Apr-2025
Subject	OTIS elevator add as per Owner's Request, not previously on contract documents and required by TDLR.

Prime Contract Company	
Contact	Melissa Champion
Company	NM Contracting, LLC
Address	2022 Orchid Ave
City, State, Zip	McAllen, TX 78504-4152
Country	United States
Phone	956-631-5667
Fax	

Owner	
Contact	DAVID L FUENTES
Company	Hidalgo County Precinct 1
Address	1902 Joe Stephens Ave #101
City, State, Zip	Weslaco, TX 78596
Country	United States
Phone	(956) 968-8733
Fax	

Description of the proposed change:
OTIS elevator, structural changes, foundation changes.

Net Amount of this Proposed Change: \$240,000.00
The Contract time due to this Change Proposal Request has increased by 45 Working Days.
This document, when fully executed as accepted, shall constitute authorization to proceed with the work described herein.

Submitted By
NM Contracting, LLC
Company
Gerardo J. Garcia
Gerardo J. Garcia (May 23, 2025 12:54 CDT)
By _____ Date 05/23/2025

Response: ☒ Accept ☐ Do Not Accept
Hidalgo County Precinct 1
Company
David L Fuentes
By _____ Date 05/27/2025

Change Proposal Request (CPR)

Proposed Items

Item #	Item Description	Quantity	Unit	Unit Price	Subtotal
1	Otis Hydrofit Elevator System (30% Deposit, 10% Shop Drawings, 10% production, 30% Delivery, 20% installation)	1	Ea	100,300.00	100,300.00
2	Additional masonry for elevator structure	1	Lot	13,760.00	13,760.00
3	Add sump pump and oil separator for Elevator	1	Lot	32,084.95	32,084.95
4	Drywall, interior framing, installation of HM Frame, door and hardware.	1	Lot	2,670.00	2,670.00
5	Elevator electrical components	1	Lot	8,500.00	8,500.00
6	Elevator storage fees (allowance)	1	Lump Sum	25,000.00	25,000.00
7	Concrete, rebar and labor for elevator pit and adjacent footing	1	Lump Sum	20,500.00	20,500.00
8	General Conditions	1	Lump Sum	7,909.78	7,909.78
9	Bond and Insurance	1	Lump Sum	10,536.24	10,536.24
10	OH/P	1	Lump Sum	18,739.03	18,739.03

Subtotal = \$240,000.00

Tax = \$0.00

Total = \$240,000.00

Exhibit A

Schedule of Values		
Base Contract Amount:		\$100,300
Due Date	Description	Value
Upon Issuance of Purchase Order / Contract	30% "Initial Payment"	\$30,090
Completed Submittals	20% "Manufacturing"	\$14,042
Upon Delivery of Material	80% of Remaining Sub-Contract Balance "Material Delivery Payment"	\$44,934
"Progress Payments"	"Progress Payments"	\$11,234

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS' COURT ON MAY 13, 2025.

Agenda Item No. 98738

Executive Office: MS

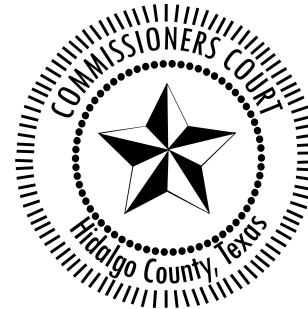
VENDOR:
NM Contracting, LLC

COUNTY:
COUNTY OF HIDALGO

Gerardo J. Garcia
[Gerardo J. Garcia \(May 23, 2025 12:54 CDT\)](#)
Gerardo "Jerry" Garcia, V.P. of Operations

Richard F. Cortez
Hon. Richard F. Cortez, County Judge

ATTEST:



Arturo Guajardo Jr.
Arturo Guajardo, Jr., County Clerk

ATTACHMENTS:
Exhibit "A" - Schedule of Values

COUNTY AUDITORS PROCESSING PROCEDURES INCLUDING AUTHORITY FOR
COUNTY TREASURER TO ISSUE PAYMENT(S)/CHECK(S).

21 A.

Hidalgo County

Olga Carra

- OK* 1. AI-99277 Requesting approval of the best and final negotiated offer meeting all requirements and specifications for "Bank Depository Services" (C-25-0046-05-13) with Lone Star National Bank.

P / Comm. Carra abstains
B.

Fire Marshal:

- OK* 1. AI-99163 Requesting approval to enter into one (1) year Interlocal Cooperation Agreements with automatic one (1) year renewals between HC and various municipalities as listed below for Rural Emergency Services.

P3/4 ↓

City of Alamo
City of Alton
City of Donna
City of Edcouch
City of Edinburg
City of Elsa
City of Hidalgo
City of La Villa
City of Linn-San Manuel
City of McAllen
City of Mercedes
City of Mission
City of Monte Alto
City of Palmview
City of Penitas
City of Pharr
City of San Juan
City of Progreso
City of Weslaco
City of Sullivan City
City of La Joya

APPROVED

C.

Pct. 1

- Donna Fuentes abstains OK* 1. AI-98738 A. Requesting acceptance and approval of Change Order No. 1 from the contracted vendor, NM Contracting, LLC in connection with the "Construction for [ARPA-24-121-358] Hidalgo County Precinct 1 Wellness, Activity, and Community Center (WACC) Project" (C-24-0295-10-15) for a total project amount increase not to exceed \$240,000.00 and an increase of 45 days, as recommended and as detailed by

C-24-0295-10-15 Pct. 1 WACC - CO # 1

APPROVED

21. C.1 Pct. 1
P 3/2 ✓
project engineer, B2Z Engineering, LLC.

B. Requesting approval of the Schedule of Values and Payment Terms found in "Exhibit A".

2. AI-99367 A. Requesting approval of Supplemental Agreement No.1 to Work Authorization No.1 (C-23-0311-12-12) between Hidalgo County and L & G Consulting Engineers, Inc., to include Archaeological Survey and noise analysis in the amount of \$51,321.75

B. Pursuant to Article 14 of the Professional Service Agreement with L & G Consulting Engineers, Inc., requesting authority to engage subcontractor, AmaTerra ERG Texas Service.

3. AI-99361 A. Requesting approval of Work Authorization No. 3, in the amount of \$909,342.38 to provide Professional Engineering Services for the Precinct No. 1 - Mile 1 East Project (Business 83 N to Mile 8) required for the continuation of plans, specifications, estimates, right-of-way acquisition services, compensable utilities, and roadway design;

B. Pursuant to Article 14 of the Professional Service Agreement with L&G Consulting Engineers, Inc., requesting authority to engage subcontractors, ETSI Group, LLC, Leonel Garza and Associates, LLC, and HLH Appraisal Services.

4. AI-99407 A. Requesting acceptance and approval of an Interlocal Cooperation Agreement between the County of Hidalgo and Donna Irrigation District for burial of a ditch along a section of the Pct. 1 Hike and Bike Trail.

B. In accordance with Texas Government Code §791.014, Hidalgo County, Texas, acting by and through the Hidalgo County Commissioners Court, has been advised of a proposed project regarding Precinct 1 Hike and Bike Trail wherein the Hidalgo and Donna Irrigation District believe that this agreement would serve a public purpose and be for the mutual benefit of both parties.

D. Pct. 2

1. AI-99385 Requesting approval of Guaranteed Maximum Price Amendment provided by BM Benchmark Construction, LLC, for "[ARPA-22-340-088] - Construction Manager at Risk for Hidalgo Health Clinic Facility Construction Project" in the amount of \$1,606,185.00; with authority to issue a Notice to Proceed upon receipt of the required payment and performance bonds.

2. AI-99406 A. Pursuant to Texas LGC Chapter 263.151 (2)(B)(C)(D) and 263.152 (a)(2) action to declare one (1) 2000 Ford F-350 Bucket Truck as "Surplus" for the purpose of disposition for use as a "trade-In" toward the acquisition of one (1) 2023 Chevrolet 6500 40' Bucket Truck including the removal of said assets from the inventory list.
B. Approval to purchase one (1) 2023 Chevrolet 6500 40' Bucket Truck through the HC's membership with Purchasing Cooperative of America (Contract No. PCA OD-328-20) awarded vendor Big D Tractor Co. LLC dba Blue Cat Rentals / Frontera Equipment, in the total amount of \$175,425.00 with authority for County Judge to sign all required documents.

3. AI-99389 Requesting authority to award construction contract (C-25-0169-05-13) for the "Recreational Trails Connectivity Project- McAllen Segment 1 (from Taylor Rd to Ware Rd and 23rd St to 10th St.)" to the lowest bidder, RBM Contractors, LLC. for the

AI-98738

Purchasing Department 21. C. 1.
Prct. 1

CC REGULAR AGENDA SPECIAL MTG

Meeting Date: 05/13/2025

Submitted For: Ignacio Amezcua, PURCHASING **Submitted By:** Coral Reyes
DEPT.

Department: PURCHASING DEPT.

CAPTION

A. Requesting acceptance and approval of Change Order No. 1 from the contracted vendor, NM Contracting, LLC in connection with the "Construction for [ARPA-24-121-358] Hidalgo County Precinct 1 Wellness, Activity, and Community Center (WACC) Project" (C-24-0295-10-15) for a total project amount increase not to exceed \$240,000.00 and an increase of 45 days, as recommended and as detailed by project engineer, B2Z Engineering, LLC.

B. Requesting approval of the Schedule of Values and Payment Terms found in "Exhibit A".

BACKGROUND

Project No. 25-0162-COR(01) Change Order No. 1- Construction for [ARPA-24-121-358] Hidalgo County Precinct 1 Wellness, Activity, and Community Center (WACC)
Elevator installation; compliance requirement as per TDLR

Reference: (C-24-0295-10-15) Construction for [ARPA-24-121-358] Hidalgo County Precinct 1 Wellness, Activity and Community Center (WACC) Project

Fiscal Impact

CALENDAR YEAR: 2025

ACCT. #: 5-1301-441-67-121-358-1-730

FUNDS AVAILABLE Y/N?: y

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

Funds are available as of March 12, 2025

Attachments

1295 FORM(S)
Change Order

Form Review

Inbox	Reviewed By	Date
Final Approval	Margaret Mungia	04/09/2025 09:49 AM
Final Approval	Coral Reyes	04/11/2025 01:19 PM
Final Approval	Monica Salinas	05/09/2025 05:51 PM
Form Started By: Coral Reyes		Started On: 03/12/2025 03:53 PM
Final Approval Date: 05/09/2025		

ENLIGHTEN ELECTRIC CO. LLC.

P.O. BOX 1151
WESLACO, TX 78596

Quote

Phone #	Date	Invoice #
956-361-8943	4/8/2025	

Bill To
NM Contracting, LLC 2022 Orchid Ave McAllen, TX 78504

Ship To
HCP1 Wellness Center Weslaco, TX

		P.O. No.	Terms	Due Date
			Net 30	
Item	Description	Quantity	Rate	Amount
1	Electrical revisions as per MEP revised plans to add electrical material for proposed elevator	1		\$7,000.00
2	Labor to install	1		\$3,000.00
Thank you for your business:		Subtotal \$10,000.00		
Please remit to above address. Regulated by The Texas Dept. of Licensing and Regulation. P.O. Box 12157, Austin, TX 78711. 1-800-803-9202 or 1-512-463-6599. Website: license.state.tx.us/compliant TECL#23129		Sales Tax (8.25%)		
		Total \$10,000.00		

Otis Elevator Company
121 Interpark Blvd Suite 404.
San Antonio, TX 78216



5/7/2025

Hidalgo County Precinct 1 – Commissioner David Fuentes

Weslaco, TX

Reference: Health and Wellness Center Schedule of values

To whom it may concern:

The schedule of values and payment terms below will be included in Otis's contract:

Description	Percent of Total Contract Value / Billing Cycle
Design, Engineering, Material procurement, Superintendent's initial site visit, and Layouts	30% Billed upon award. Due within 30 days from date of invoice or prior to release of factory orders, whichever occurs first.
Procurement of materials and manufacturing	20% Billed upon receiving completed submittal package to release for manufacturing
Material Delivery	80% of the remaining contract will be billed the month before shipment occurs. Due within 30 days from date of invoice or prior to installation, whichever occurs first. Installation will not commence until this material payment is made.
Installation Labor	Billed each month as work progresses. All labor to be paid prior to turnover of equipment.
Retention	5% Due 30 days after turnover of equipment

Schedule of Values		
Base Contract Amount:		\$100,300
Due Date	Description	Value
Upon Issuance of Purchase Order / Contract	30% "Initial Payment"	\$30,090
Completed Submittals	20% "Manufacturing"	\$14,042
Upon Delivery of Material	80% of Remaining Sub-Contract Balance "Material Delivery Payment"	\$44,934
"Progress Payments"	"Progress Payments"	\$11,234

Cordially,

Brian Beeler

Brian Beeler | New Equipment, San Antonio

Mobile: (512) 217-1895
OTIS Elevator Company
121 Interpark Blvd Unit 404
San Antonio, TX



Wellness Activity Community Center

March 04, 2025

Hidalgo County Precinct 1 Commissioner David Fuentes

1902 Joe Stephens Ave #101

Weslaco, Texas 78596

Project Number: F7NJ2011

Dear valued Otis customer,

We appreciate having the opportunity to provide you with our proposal for this project.



Services

More personalized services through our Otis ONE IoT digital platform to keep you ahead of potential issues.



Safety

Safety is at the core of who we are as a company. We prioritize safety and every passenger's health and well-being.



Support

From resources and tools to guidance and expertise, Otis makes planning and managing smarter and simpler.



Experience

New designs transform passenger ride, adding exceptional value.

Please take note of the following sections:

- **Price Quotation**
- **Unit Specification**
- **Voluntary Alternates**
- **Delivery, Manufacture Lead Times & Installation**
- **Clarifications**
- **Summary**

Otis has built a reputation based on quality, reliability, and a proven record of safety that's the best in the business. We continue to pursue a policy of innovation to ensure our customers receive the highest level of service in the industry.

If you would like to discuss your proposal or make any amendments, please contact me and I will be happy to discuss the project.

Otis Elevator Company

Brian Beeler

Tel: 512-217-1895

brian.beeler@otis.com

Price Quotation

We are pleased to provide you with our proposal to furnish and install:
1 Otis HydroFit™ elevator system

Proposed Elevator System Cost: \$100,300.00

***The price above is tax exempt per the information provided in the bid documents. Proper tax-exempt certifications must be provided to Otis prior to contract execution.**

This quotation is based upon a delivery date on or before August 31, 2025, is valid for thirty (30) days from the date of submission, and the following:

Otis' scope of work and clarifications herein as outlined in this proposal, along with:
Review drawing set dated June 21, 2024, no specs were provided at this time.

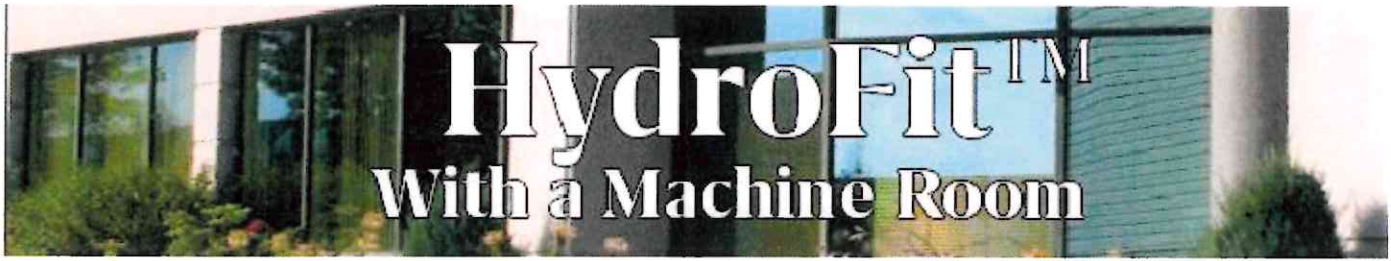
We appreciate having the opportunity to provide you with our proposal for this project and look forward to working with you and your project team.

Voluntary Alternates

	Description	Price
Item: VA1	Laminate cab interior in lieu of FS#4 brushed stainless steel	\$300.00
Item: VA2	FC4 flat metal ceiling in FS#4 brushed stainless steel in lieu of Black Pearl painted finish	\$1,150

Value Engineering

	Description	Price
Item: VE1	Painted hoistway doors and frames	-\$150.00
Item: VE2	Building supplied emergency generator power in lieu of battery lowering	-\$2,200.00



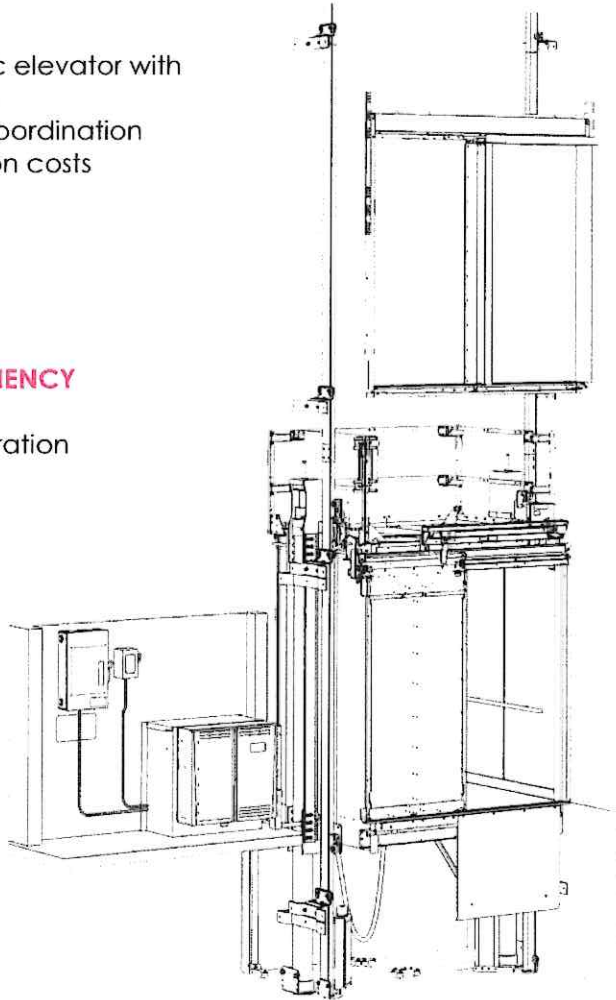
The HydroFit system is another example of Otis' commitment to perfecting elevator technology. Because the HydroFit system is from Otis, you can rest assured that it comes with the reliability and service you've come to expect.

COMPACT SIZE

- Holeless hydraulic elevator with a machine room
- Minimal jobsite coordination
- Saves construction costs

MOVING WITH EFFICIENCY

- LED lighting
- Sleep mode operation



CONFIDENCE IN RELIABILITY

- OTISLINE® 24/7 customer service
- Proven reliability

OTIS MADE

- ISO-certified factories
- Meticulous design processes
- Quality manufacturing through Otis Performance Excellence (OPXL)

WANT MORE INFORMATION?

www.otis.com



Unit specification

Group 1 Unit 1

Designation & Model	Otis HydroFit™ elevator system	
Capacity & Speed	2100 lb (953 kg) Passenger Cab	100 fpm (.51 mps)
Control Space	Machine roomless tank and controller hoistway pit	
Rise/Stops & openings	12 ft 10 in 0 (3912 mm)	2 stops with 2 openings
Clear Hoistway	Depth: 5 ft 11 in 0 (1803 mm) Width: 7 ft 9 in 0 (2362 mm)	Pit depth: 4 ft 0 in 0 (1219 mm) Overhead: 12 ft 3 in 0 (3734 mm)
Operation	Simplex	
Power Supply	208-volts, three phase AC, 60 hertz	
Car Features	Height: 7ft 9in (2362 mm) Clear car: 5 ft 9 in 1/2 (1765 mm) wide 4 ft 4 in 1/8 (1324 mm) deep Cab: Otis stainless steel Shell cab Cab flooring: Furnished and installed by others: 5/16" (8 mm)recess Car sill: Aluminum Car front(s) and door(s): Brushed stainless steel Handrails: with brushed steel finished handrails shall be provided on the rear wall. Ceiling: 4-LED, flush, painted black	
Car Signals	Car operating panel: Standard swing COP with Otis ONE™ Plus Position indicator: 2 position LCD display Buttons: Round, flush brushed stainless steel with an LED illuminated halo In car lanterns: 1	
Entrance Features	Type: One-speed side slide Size: 36 in (914 mm) wide x 84 in (2134 mm) high Frames: 2 Brushed stainless steel Doors: 2 Brushed stainless steel Sills: 2 extruded, aluminum	
Hall Signals	Finish: Stainless steel Hall Stations: Jamb mounted fixtures Buttons: Round, flush brushed stainless steel with an LED illuminated halo	Combo position indicator/hall lantern(s): 0 Hall Lanterns: 0 Hall fixtures: At all landings
Standard Features included	Access key switches at top and bottom landings Firefighter's service, phase I and II Standard Braille markings OPTIGUARD™ 2D door protection system	Emergency communication call button Sleep Mode Operation Emergency car lighting AccessAlert™ (hoistway access alarm system)
Optional Features included	Independent Service	Emergency Return Unit
Code Compliance	ASME A17.1/CSA B44	No seismic provisions Code Year: 2016 State: Texas
Maintenance	12 months after acceptance of elevator by owner. Includes emergency callback service during normal working hours.	

Delivery, Manufacture

Lead Times & Installation

EQUIPMENT DELIVERY

This proposal is bid with the understanding that materials will be ordered with sufficient lead time (as outlined in our approvals package) to allow delivery prior to August 31, 2025. If Otis is unable to order materials in a timely manner due to delays on behalf of the Owner and/or General Contractor, or if delivery or installation is requested after August 31, 2025 the Owner and/or General Contractor will be responsible for all cost increases incurred by Otis.

SUBMITTALS

Drawing and Submittal Preparation: 2-3 weeks

MANUFACTURING LEAD TIME

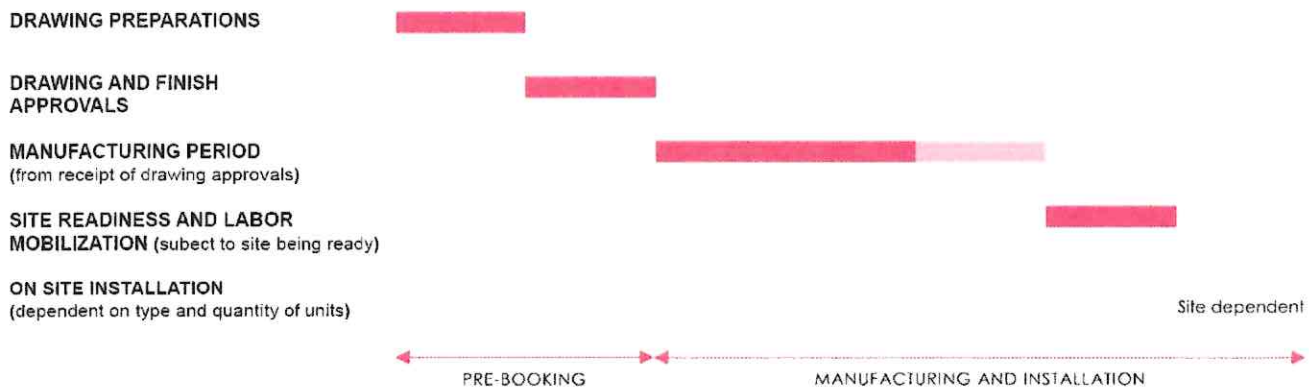
Manufacturing Period: 10-12 weeks

The manufacturing period for the solutions we have proposed, as listed above, will not commence until the following have been received: 1.) fully executed contract, 2.) signed and approved submittals, and 3.) agreed upon down payment.

INSTALLATION

Onsite Installation [Group 1 unit number (1)]: 3 weeks

This proposal is based upon sequential installation with one installation crew consisting of two installers. When requested, Otis will provide input regarding the vertical transportation installation schedule, and Otis will contract for a specific, and mutually agreeable, installation schedule. In the absence of a job-specific, mutually agreeable, written schedule agreement, Otis is not contractually bound to an installation schedule. Onsite Installation time per unit does not account for work by other trades.



Should the lead times not meet your requirements, please contact your local Otis representative to discuss other options.

The following checklists are provided to extend guidance for required items and aspects associated with your elevator installation.

Pre-Start Checklist for Elevators	Otis	Builder	Optional
1. Pit shall be so designed as to prevent entry of ground water into the pit. Drains connected directly to sewers shall not be installed in elevator pits. Sump pump recesses must have metal covers or grills.		x	
2. Metal pit ladder is to extend from the pit floor upward, not less than 48 in (1219 mm) above the bottom landing floor level, per Otis shop drawings and/or Otis instructions.		x	
3. Hall fixtures must be blocked in or mounted complete.		x	
4. Door frames are to be sealed to meet code. Any holes in the elevator hoistway and machine room, must be patched.		x	
5. Grout under and in front all sills. Grout in and around elevator machine beams.		x	
6. Lockable 120V disconnects, must be installed, per power confirmation.		x	
7. Top of hoistway and machine room shall have a fire rating in accordance with local elevator codes.		x	
8. Walls and ceiling shall be finished for mounting of hall fixtures and smoke detectors.		x	
9. Lockable fused disconnect switch, installed in machine room, with feeder wires to elevator controller, all piped in accordance with N.E.C. electrical code, and grounded. Switch must be in sight of elevator machine and shall be the type that cannot be engaged with door open. Disconnect should be equipped with micro switch when ERU units are being furnished. Examples of ERU auxiliary contacts - Square D - #EK300-2, I.T.E. - SC-3, West. Elec. - EK-1		x	
10. Smoke detectors maybe required in each elevator lobby, hoistway, and machine room. Check w/ local code authority. Furnish normally closed fire system contacts, to the elevator controller, as per power confirmation.		x	
11. Pit light and ground fault receptacle (with cover and guard) mounted 12 in off pit floor on rear wall and switch to be located adjacent to pit ladder piped in accordance with local code. (If front and rear opening, contact Otis representative).		x	
12. Provide a dedicated RJ45 internet network connection to each elevator controller. All network connections for emergency two-way voice/video/text must be provided with a minimum of 4 hours of battery backup power.		x	x
13. Elevator floor covering complete.		x	
14. Only elevator equipment is allowed in an elevator machine room and hoistway (no access panels). If a sprinkler system is required, contact local code authority.		x	
15. Machine room doors shall be self-closing, self-locking, and rated per machine room construction.		x	
16. Machine room to be vented, to maintain temperature between 60° to 100° F for hydraulics; between 60° to 90° for traction. Ventilation can be natural or mechanical.		x	
17. All machine rooms must have ground fault receptacle, permanent lighting, and must be equipped with a fire extinguisher.		x	
18. Hoistway walls shall be Flush on hoistway sides. Any ledges over 4 in shall be provided with a bevelled angle of not less than 75°.		x	
19. Spaces containing machines, control equipment, sheaves and other machinery shall be enclosed with fire-resistive enclosures. Enclosures and access doors thereto shall have a fire-resistance rating at least equal to that required for the hoistway enclosure.		x	

Warranty

Twelve (12) months after acceptance of elevators by owner.

The elevators contractor's acceptance is conditional on the understanding that their warranty covers defective material and workmanship. The guarantee period shall not extend longer than one (1) year from the date of completion or acceptance thereof by beneficial use, whichever is earlier, of each elevator. The guarantee excludes ordinary wear and tear or improper use, vandalism, abuse, misuse, or neglect or any other causes beyond the control of the elevator contractor and this express warranty is in lieu of all other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. This express warranty is in lieu of all other warranties, expressed or implied, including any warranty or merchantability or fitness for a particular purpose.

Clarifications

Specific Clarifications

1. When requested, Otis will provide input regarding the vertical transportation installation schedule, and Otis will contract for a specific, and mutually acceptable, installation schedule. In the absence of a job-specific, mutually acceptable, written agreement, Otis is not contractually bound to an installation schedule, and Otis will staff the project with the maximum of one installation team consisting of two installers.
2. It is our understanding the International Building Code (IBC), 2016 Edition is applicable to this project. Otis has included an emergency communication system that conforms to ASME A17.1 / CSA B44:16 (Safety Code for Elevators and Escalators), 2016 or earlier, Requirement 2.27.1.1.
3. Pricing is based strictly on architect drawings, and scope listed in this proposal.
4. The General Contractor shall be responsible for the protection of the material onsite and installed. Any damage caused by Otis or an Otis Subcontractor shall be the responsibility of Otis. Otis will not be responsible for damage caused by others. Dry, safe, and secure storage to be provided by the general contractor. Must be at the lowest served landing adjacent to the hoistway of the correct elevator(s). Unimpeded access to storage area.
5. No over time is provided is base bid.
6. No operator time is provided in base bid.
7. Anything not exclusively stated as included herein is hereby excluded.

General Clarifications

1. This proposal is based on an Otis Elevator Company designed product, or Otis approved equal. The proposal meets the intent of the specification. However, due to product variability among elevator manufacturers, differences may exist between the product (s) proposed herein and the product (s) specifications. These differences may include, but are not limited to, the design, dimensions and/or appearance of the product. In the case of any of these differences, this proposal supersedes, and takes precedence over, the specified product (s).
2. All materials/equipment will be of the Otis standard gauge, material and finish.

3. In jurisdictions enforcing A17.1-2016 / B44:16 and prior editions, provide one (1) dedicated outside "Analog" (i.e. capable of carrying voice and data) telephone line, per elevator car, to the elevator machine room / machine space(s) must be furnished, and terminated at the controller designated by the Otis construction superintendent. Reference the ASME A17.1 / CSA-B44 code and the Otis Confirmation of Power Supply for specific requirements.
4. The elevator hoistway(s), pit(s) and machine room(s) must be constructed, by others, in accordance with all applicable building **and elevator codes A17.1 2016**. These requirements include, but are not limited to, fire protection, access, ventilation, illumination, beveled ledges, and counterweight guarding (if applicable).
5. Tube steel at all floors, and in the overhead, will be provided by contractor. In addition, contractor will provide tube steel between elevators from divider beams to divider beams.
6. The installation of the elevator equipment may require the use of specialized tools that Otis may rent. The rental cost of these specialized tools is included in this proposal for a period of 1 months per elevator, the period of time we will need to install the elevators. If there are delays to the elevator installation schedule beyond Otis' control, and if those delays necessitate additional rental tool costs, Otis will be reimbursed for all additional rental fees and any associated labor.
7. This proposal is based on the building and installation requirements for new structures. If existing structures do not meet all the requirements included herein, the proposed price may not be valid until existing conditions are verified and the price validated by Otis. Existing conditions that must be verified include, but are not limited to, elevator hoistway/escalator wellway dimensions, machine/control room dimensions, rail bracket support and all electrical requirements.
8. Provide one (1) dedicated outside telephone line, per elevator, to the elevator control room/space(s) and terminated at the controller designated by the Otis construction superintendent. Reference A17.1 code and the Otis Confirmation of Power Letter for specific requirements.
9. You shall be responsible for providing suitable and secure on-site storage, approximately 20 ft x 25 ft per elevator adjacent to the hoistway on the main access level for the building.
10. We require suitable tractor trailer access to the building for unloading of material. In addition, we need rollable access from unloading point to storage and storage to hoistway area.
11. If you are not ready to accept delivery of the material on the date the machine room is to be ready, you shall give us sufficient notice of a local point where you will accept delivery and be responsible for all monthly storage fees. An extra charge will be assessed for any double handling or re-transportation of elevator material required by the general contractor/owner or agent thereof.
12. Our quotation is based on one (1) job mobilization. Should Otis be required to demobilize and leave the job site due to delays beyond our control which prevent us from completing the installation, there will be an additional charge to the contract for re-mobilization at \$5,000.00 per move.
13. You will provide communication means (e.g. dedicated telephone lines, internet connections) per the Otis preparatory work by others electrical requirements.
14. All current inspection fees are included for a final inspection. Should re-inspection be required because of work that is not our responsibility, you will be responsible for the cost of re-inspection and remobilization for Otis personnel.
15. If we are requested to operate the elevator for other trades or perform labor outside of the scope of this work, it shall be performed in accordance with our normal hourly labor rates.
16. Contractor agrees to pursue and schedule the work by other trades in a timely manner so as to not interrupt our work. Should our crew(s) have to de-mobilize due to delays in work by others not in our contract, we shall be entitled to a re-mobilization charge of five thousand (\$5,000.00) dollars. We will also extend the stated schedule to the extent that we are delayed.
17. Should any elevator be required for temporary use before final acceptance of the elevator and substantial completion, others will provide without expense to Otis Elevator Company, if required, temporary car enclosures, requisite guards or other protection for elevator hoistway openings, mainline switch with wiring, necessary power, signaling devices, lights in car and elevator operators together with any other special labor or equipment needed to permit this temporary usage. Otis Elevator Company will be reimbursed three thousand (\$3,000.00) dollars to cover expenses associated with the additional inspection fee and the required clean-up. Otis will also be reimbursed at the rate of three thousand (\$3,000.00) dollars per each

thirty-day increment of time, for temporary service. Neither the three thousand (\$3,000.00) "clean-up and additional inspection" charge or the three thousand (\$3,000.00) charge per each thirty-day time period will cover elevator equipment damage that may occur during the temporary service period. Otis' temporary acceptance form will be executed before any elevator is placed in temporary use, and the cost of equipment rehabilitation will be paid for by contractor.

18. When an elevator is used for temporary service, the completion date may, as a result of the temporary service, be extended by Otis Elevator Company. Otis Elevator Company shall provide notice of the extension at the time the elevator is made available for the temporary service.
19. This proposal includes a one-time final inspection fee. Should re-inspection be required because of work that is not the responsibility of Otis, contractor will be responsible for the cost of re-inspection and remobilization for Otis personnel. A minimum change order of three thousand (\$3,000.00) dollars will be executed prior to rescheduling a follow-up inspection.
20. The following close-out documents will be provided: our standard owner's information manual, our standard final layout/installation drawings, and our standard warranty. Unless otherwise specified, 2 copies of each will be provided. Additional copies are available at \$100 per set.
21. If a "third party" billing and/or payment arrangement will be used on this project, add **\$5** per \$1000 of contract amount. In addition, any fees required via participation in a third party billing arrangement will be passed on to the General Contractor via change order and will be handled in the same manner as all other change orders per the clarifications delineated herein.
22. Materials will be delivered based on a date requested by the General Contractor in accordance with our standard manufacturing lead times. The project must be ready for the elevator installation to commence, in accordance with the requirements outlined in this proposal and our approvals package, at the time the balance of materials is delivered. If the site is not ready at that time, the General Contractor will be responsible for a remobilization fee.
23. Fully executed change orders must be received prior to Otis performing any additional work outside the scope of the base contract. Otis will not accept oral or written "directives to proceed" without a fully executed and agreed-upon change order.
24. Change orders will be stated price (lump sum). In the event a stated price cannot be calculated, hourly rates for Time and Material (T/M) are below.

Regular time hourly rate: **\$236.00 min per man hour**

Overtime hourly rate: **\$392.00 min per man hour**

25. Contractor will communicate to Otis supervision the signatories and/or titles, roles and positions authorized to sign time tickets on-site that will be used as support documentation for T/M change orders. Work cannot commence or continue until a designated signatory signs the document.
26. Procedures on how to maintain and adjust elevator equipment will not be included in owners training. You agree to restrict access to the equipment to only our authorized personnel. During NIS and for the term of any future Otis maintenance contract, you agree not to permit others to make alterations, additions, adjustments, repairs, or replacements to the equipment. Failure to comply with this requirement may result in the termination of NIS or other agreed upon warranty or maintenance services.
27. 12 months of full maintenance will be provided upon final acceptance. The scheduling of this maintenance will be determined by Otis maintenance management system (OMMS).
28. New Installation Service period shall include emergency callbacks during normal working hours. Callbacks outside normal working hours will be billed at our standard rate.
29. Otis shall provide an electronic copy of our standard Owner's Maintenance (O&M) Manuals and shall conduct Owner orientation prior to elevator turnover. Otis will not provide detailed maintenance, troubleshooting, or repair information or train Owner's personnel on procedures for maintaining, troubleshooting, or repairing the elevator system. If a video recording of owner's orientation is required, the video recording, camera and editing is to be provided by others.

Terms and Conditions

1. This proposal is submitted with the understanding that any contract resulting therefrom will be subject to review and mutual acceptance of all terms and conditions contained therein. It is conditioned on neither party being liable to the other for any loss, damage or delay due to any cause beyond either party's reasonable control, including but not limited to, acts of government, strikes, lockouts, other labor disputes, fire, explosion, theft, water damage, flood, earthquake, riot, civil commotion, war, malicious mischief, or act of God. Under no conditions, shall either party be liable for special, indirect, liquidated, or consequential damages in contract, tort including negligence, warranty or otherwise, notwithstanding any indemnity provisions to the contrary. Notwithstanding any provision in any contract document to the contrary, our acceptance is conditioned on being allowed additional time for the performance of the Work due to delays beyond our reasonable control.
2. The purchase price in this proposal and any subsequent contract document is subject to increase caused by any reasons beyond Otis' reasonable control including but not limited to commodity, fuel, tariff, and/or shipping transportation cost increases.
3. If payment and performance bonds are requested of us, please add \$1/\$100 (1%) of resulting contract amount.
4. It is agreed that Otis shall not be responsible for any Liquidated Damages. Should the contract documents require provisions for Liquidated Damages, our bid is contingent upon review of the schedule to assure we can achieve the desired date with our standard lead times.
5. We agree to provide evidence of insurance coverage but cannot name others as additional insured or waive our rights of subrogation. All insurance coverage afforded to you or others shall terminate upon final acceptance of the work. If "Owners and Contractors Protective Insurance" is required in addition to our standard Certificate of insurance add (\$10.00 per \$1000).
6. If the project is covered by an Owner/Contractor Controlled Insurance Program ("OCIP/CCIP"), Otis agrees to participate provided [it is at no cost to Otis][the cost to Otis does not exceed [cost]] and subject to its review and acceptance of the proposed program. The OCP obligation is waived and any obligation of Otis to name others as Additional Insured shall be for off-site operations only.
7. Otis will provide surety bond(s) in the form provided by Otis' Surety at no cost to Otis. This is in lieu of participation in any type of surety wrap-up or Subguard program.
8. The elevator system provides for emergency voice, video and/or data transmission via VoIP to the OtisLine™ support center. The current design of the system requires a paid subscription and SIM card with a third-party vendor to provide the VoIP service. Having a unit connected to an emergency hotline is a code requirement in most jurisdictions. Otis subscribes to and pays for the third-party vendor account while the unit is under an Otis maintenance contract and during NIS. When the maintenance contract and/or NIS period expires, the customer must (i) subscribe to the third-party vendor's service on its own, (ii) ask the new service provider to subscribe to the third-party vendor's service, or (iii) change the hardware to third party hardware capable of providing emergency voice, video and/or data services (as required by code in certain jurisdictions).
9. The elevator system includes a system of video cameras and recording devices to increase safety and security for passengers while riding Otis equipment. It is the Otis' intent that the video recording system be used for investigative and/or emergency assistance purposes only. In an emergency, Otis may provide emergency personnel or law enforcement with access to video or audio recordings if it is necessary to protect the health or safety of a passenger or other individuals.
10. Otis has no ownership of CUSTOMER DATA but shall have a limited license to use such CUSTOMER DATA in connection with the performance of its obligations under any future contract between Otis and customer and/or owner. "CUSTOMER DATA" shall mean any personal information and/or application usage data combined with personal information that Otis receives from you, owner or its end users, has access to, or otherwise processes for or on your behalf or on end-user's behalf in connection with any future contract between Otis and customer and/or owner. The following data shall remain the property of Otis: all data (i) related to and generated by the equipment or any future digital services to which you may subscribe for use in relation to the provision of the services provided by Otis, (ii) generated by Otis remote diagnostics,

service diagnostic and predictive analytical tools, and (iii) anonymized aggregated data derived from CUSTOMER DATA that cannot reasonably be manipulated to identify any information.

11. All software supplied is licensed to you or your successors but only for use with, and for operation of this elevator/escalator. Conditioned upon your compliance with this proposal and the terms of any future Otis contract, Otis grants to you a personal, nonexclusive, non-sublicensable, nontransferable, revocable license to the software resident in the equipment or any future digital services to which you may subscribe for use in relation to the provision of the services provided by Otis. You will keep the software resident in the equipment in confidence as a trade secret of Otis and will not permit others to use, access, examine, copy, disclose, disassemble or reverse engineer such software.
12. Otis will not supply information such as internal Otis manuals, manufacturing drawings or source code. Any counters, meters, tools, remote monitoring devices, communication devices, or other such equipment that we may use or install to deliver service under this proposal and any resulting contract remains our property, solely for the use of our employees. Such equipment is not considered as part of the elevator/escalator. If the contract or subsequent maintenance service is terminated for any reason, we will be given access to the premises to remove such equipment, including the resident software, at our expense.
13. In the event the transactions contemplated hereunder are restricted by U.S. Government or other applicable laws and regulations, including but not limited to those designating certain parties as "denied," "restricted," or similarly ineligible to do business with U.S. entities, this agreement will be deemed void, and Customer shall pay Otis all sums owed for the goods and services that may have been provided up to such time according to the rates contained in this agreement.
14. Our proposal is based the following payment terms:

Description	Percent of Total Contract Value / Billing Cycle
Design, Engineering, Material procurement, Superintendent's initial site visit, and Layouts	60% Billed upon award. Due within 30 days from date of invoice or prior to release of factory orders, whichever occurs first.
Factory Materials	Billed the month before shipment occurs. Due within 30 days from date of invoice or prior to installation, whichever occurs first. Installation will not commence until this material payment is made.
Installation Labor	Billed each month as work progresses. All labor to be paid prior to turnover of equipment.
Retention	5% Due 30 days after turnover of equipment

Base Contract Amount: \$100,300		
Due Date	Description	Value
Upon Issuance of Purchase Order / Contract	60% "Initial Payment"	\$60,180
Upon Delivery of Material	80% of Remaining Sub-Contract Balance "Material Delivery Payment"	\$32,096
"Progress Payments"	"Progress Payments"	\$8,024

Preparatory Work by Others

The following items must be performed or furnished at no cost to Otis Elevator Company ("Otis") by the Owner or General Contractor or their agents in accordance with governing codes. The price and installation schedule of Otis Elevator Company is based on these job-site conditions existing at the beginning and during installation of the elevator equipment. Failure to provide the items specified in this list will result in additional work or installation delays performed by Otis Elevator beyond the scope of our contract and a change order will be submitted for materials and/or labor expended. Please refer to our Installation Handbook for details and dimensions for the following items.

All work to be performed per the latest revision of the applicable national code and/or local code.

General Prep Work for HydroFit Elevators

15. Provide any cutouts to accommodate elevator equipment (troughing, venting, and hall fixtures), along with the patching/painting of walls, floors, or partitions together with finish painting of entrance doors and frames, if required.
16. Provide tractor trailer access to the building for unloading of material and an on-site storage area for elevator equipment as follows: Dry and enclosed, provides roll-able access to the elevator hoistway at the ground level, located within 100 feet (30480 mm) of the hoistway and is larger than 25 x 20 feet (7620 mm x 6096 mm) per elevator. Any warranties provided by Otis for elevator equipment are null and void if equipment is stored in a manner other than a dry enclosed building structure.
17. Provide secure, sufficient on-site refuse containers for the proper disposal of elevator packaging material. Should such refuse containers not be provided, disposal of packaging material shall become the responsibility of the owner.

Hoistway and Pit Prep Work for HydroFit Elevators

18. Prior to the start of installation, provide a dry, properly framed, enclosed, and vented hoistway in accordance with all applicable codes.
19. Provide a clear plumb hoistway with variations from the size shown on the Otis layout not to exceed 0 in / +1 in (25 mm).
20. Install per Machine Room Prep Work, Machine Space Prep Work and Electrical Requirements.
Provide a rough opening for and install a 3 ft X 7 ft (914 mm x 2137 mm) standard fire rated interior door on one side of the hoistway, as shown on the Otis layout. The machine space access door must not be on an outside wall. When determining the location of the machine space door, the dimension on the Otis layout is from the inside door edge of the jamb and not the door stop edge. Please be advised that this door location is very critical. Follow door manufacturing instructions for the different types of hoistway wall material and make the appropriate adjustments so that this door will be placed in the proper location.
The door frame must be securely mounted to the wall to sustain a cantilevered / horizontal force exerted by the electrical disconnect(s), electrical conduit, and wiring up to an approximate 325 lb (47 kg) load. Install per Machine Room/Space Prep Work and Electrical Requirements. The door hand and opening are dependent on configuration, see the general contractor guide or talk to your Otis representative.
21. Provide adequate rail bracket supports, bracket spacing as required by governing code, from pit floor to top of hoistway. For steel or wood frame construction, adequate backing for a rail bracket to be installed should be not less than 10 ft – 3 in (3124 mm) or more than 11 ft – 3 in (3429 mm) from the top landing. Provide separator beams, where required. Rail-bracket attachment supports must be exposed and flush with the clear hoistway line.

If the floor-to-floor height exceeds the maximum bracket spacing allowed by the elevator code, Otis requires some form of steel support to properly attach our guide rail brackets. The maximum allowed bracket spacing is indicated in the rail force and bracket detail table on elevator layout. Any rail bracket mounting surfaces that are not in line with the finished hoistway dimension (i.e. the clear hoistway line) may need to be extended to meet the required distance. Otis agrees to provide guidance on this matter at the appropriate time.

If rail bracket embedded plates or inserts are provided by Otis, they shall be installed by others in accordance with Otis documentation and instructions.

If vertical tube steel is utilized as rail support, see the Otis layout for any specific requirements.

When a machine space is used, with a second-floor controller/tank location, provide adequate Tank Stand supports flush with the hoistway wall when the following hoistway construction material is used; cmu block, steel frame, or wood.

The support can be any of the following: header beams, steel tube, inserts or embedded plates at locations specified as per Otis layout.

Note: When a support is provided, it should be able to withstand the force shown on Otis contract layout for seismic and non-seismic conditions.

Concrete hoistway walls do not require Tank Stand supports.

22. A.) Protection from Falls:

As required by the Occupational Safety and Health Administration (OSHA) 1926.502 B) (1-3), a freestanding removable barricade at each hoistway opening at each floor. Barricades shall be 42 in (1067 mm) high, with mid-rail and kick board, and withstand 200 lbs (90.7 kg) of vertical and horizontal pressure

B.) Protection from Falling Objects:

As required by the Occupational Safety and Health Administration, (OSHA) 1926.502(j), hoistway protection from falling debris and other trades materials by either:

Full entrance screening/mesh in front of all elevator entrances

- i. Secured/controlled access to all elevator lobbies (lock and key) with posted Notice "only elevator personnel beyond this protection."

Notes:

Items A.) and B.) can be integrated systems.

Hoistway barricades and screening shall be constructed, maintained and removed by others.

23. Provide a dry pit reinforced to sustain vertical forces on car rails and impact loads on cylinder head(s) and buffer(s). The pit must be dry and clean. The elevator pit must have a floor drain or sump pump to prevent the accumulation of water. Location to be coordinated with Otis to avoid all elevator components and access areas. In areas requiring Firefighter's Emergency Operation, a sump pump / drain shall be provided that shall have the capacity to remove a minimum of 11.4 m³ / h (3,000 gal / h) per elevator (2.2.2.5, ASME A17.1-2007/CSA B44-07). Otis recommends that the owner verify the system complies with all applicable laws and local codes.
24. Provide and install a fixed vertical iron ladder in each pit as required by governing code and located per Otis layouts or as coordinated with Otis personnel. Ladder width and pit wall pocket requirements are shown in the pit plan view on the Otis layout. For entrance heights greater than 7 ft (2134 mm), the top rung must be 12 in (305 mm) above the bottom landing. Hand grips must be provided to a height of 4 ft (1219 mm) above the bottom landing. Hand grips must have 4-½ in (114 mm) radial clearance, from their centerline to any obstruction in the hoistway (refer to the detail views for typical ladder arrangement). If pit depth is greater than 9 ft -10 in (3000 mm) [13 ft – 9 in (4101 mm) with no floor below bottom landing], a pit access door is required.
25. The entrance wall at the main landing, is not to be constructed until after all elevator equipment is installed in the hoistway (the entire front wall's width of 8 ft – 6 in must be open for installation). Remaining front entrance walls are not to be constructed until after door frames and sills are in place.

The rough opening, per sizes shown on the Otis layout are required. Prior to the completion and turnover of the elevator(s), all entrance walls must be installed, and rough openings filled in complete to maintain fire rated hoistway requirements.

26. Provide adequate support at all fastening points of each entrance. Provide plumb vertical surfaces for entrances and sill supports, one above the other, and square with the hoistway. For 4 ft -0 in (1219 mm) and 4 ft -6 in (1372 mm) two-speed door arrangements, an additional hoistway attachment point is required for an auxiliary support bracket under the sill assembly in the center of the clear door opening. Finish floor and grout, if required, between doorframes to sill line. A horizontal support is to be provided 1 ft - 0 in (305 mm) above the clear opening at the top landing to support the door frame assembly. If floor heights exceed 12 ft - 0 in (3658 mm), a horizontal support is to be provided 1 ft - 0 in (305 mm) above the clear opening. If transoms are required, the support would be 1 ft - 0 in (305 mm) above the transom height.
27. Provide and install a steel, I-beam shaped primary hoist beam with a maximum flange width of 8 11/16" (220mm), from side wall to side wall at the top of the hoistway, capable of withstanding a minimum net live load of 7500 lb (3402 kg) per elevator. Reference Otis Layout for location. A 4" minimum clearance is required from top of beam to top of hoistway.
28. Provide and install a second steel, I-beam shaped lifeline beam, from side wall to side wall at the top of the hoistway, capable of withstanding a minimum net live load of 5000 lb (2268 kg) per elevator for support of lifelines. Reference Otis Layout for location. A 4" minimum clearance is required from top of beam to top of hoistway.
29. Glass used in hoistway construction must block $\geq 98\%$ of incident full spectrum ultraviolet radiation for the full height of the hoistway.
30. If an emergency door in a blind hoistway is required, provide an outward swinging single section type door with door closer and a self-closing barrier per ASME A17.1-2007, section 2.11.1.2. Contact your local Otis personnel for a detailed drawing (AAA26900D_FMI), showing Otis specific requirements.

Machine Room / Machine Space Prep Work for Hydrofit Elevators

31. Provide a suitable dry machine room with access and ventilation in accordance with all applicable codes and regulations. The machine room is to be maintained at a temperature between 60° F (15.5° C) and 100° F (38° C). The machine space will be in the hoistway behind the metal door installed per Hoistway and Pit Prep Work above with ventilation in accordance with all applicable codes and regulations. The machine space is to be maintained at a temperature between 32° F (0° C) and 104° F (40° C). Relative humidity is not to exceed 95% non-condensing. Local codes may require tighter temperature ranges. The temperature and humidity range shall be permanently posted in the machine room/machine space. Please check with your local code authority for the exact requirements in your area.
32. Machine room and Machine space doors to meet code compliant fire resistive construction. When a machine room is used, provide a self-closing (local building code dependent) and self-locking door with a group 2 locking device. When a machine space is used, provide a standard 3 ft x 7 ft (914 mm x 2137 mm) self-closing (local building code dependent) and self-locking metal door with a group 2 locking device in the hoistway per Otis layout. In addition, ensure that all air gaps around the machine room / machine space door(s) are sealed (i.e. threshold, weather stripping, etc.) The self-closing mechanism cannot protrude into the machine space at any time. The machine space doorknob shall have a blank plate on the hoistway side of the door.
33. When a machine space is used, Otis will provide a metal shroud and metal shroud cover to be mounted on the hoistway side of the machine space door frame, per Otis layout. The metal shroud will accommodate the mounting of the main electrical feeder system, fused disconnect switch or circuit breaker for car lighting, and the convenience outlet. Conduit knockouts through the metal shroud cover will be required as needed to access the disconnect switches or circuit breakers and convenience outlet. See Electrical Requirements.
34. Header Supports must be provided by the general contract at any floor with a floor-to-floor height of 12 ft or greater. These supports are necessary for our entrance frames to secure to and must be located between 10 ft and the rough opening height called out for in the shop drawings.
35. [Note: Consult with the Otis Representative at your location concerning the metal shroud mentioned above for machine space applications.]

36. [Refers to elevators with remote machine rooms requiring buried piping and wire way] Provide trenching and backfilling as necessary to accommodate remote machine room conditions.

Fire Prevention Prep Work for HydroFit Elevators

37. Provide hoistway walls designed and constructed in accordance with the required fire rating (including those places where elevator fixture boxes, rail bracket fastenings penetrate the hoistway walls).
38. Provide smoke detectors, located as required, with wiring from the sensing devices to the controller(s) designated by Otis.

For each group of elevators, provide a normally closed contact representing the smoke detector at the designated return landing.

For each group of elevators, provide a normally closed contact representing all smoke detectors located in lobbies, hoistways, or machine rooms/spaces, but not the smoke detector at the designated return landing (see above) or the smoke detectors as described in the bulleted items below.

If a smoke detector is in the hoistway at or below the lower of the two recall landings, it shall be wired to activate the same normally closed contact as the smoke detector located in the lobby at the lower of the two recall landings.

- i- If the control machine room/space(s) are located at the designated return landing, the smoke detectors located therein shall be wired to activate the same normally closed contact as the smoke detector at the designated landing.

Requirements for intermittently illuminating the fire hat visual signal in the car operating panel, either of the below apply.

For a single unit or for a group of elevators having one common machine room/space(s) and one common hoistway, provide one additional normally closed contact representing the machine room/space(s) and hoistway smoke detectors.

- ii- If the group contains more than one hoistway and hoistway smoke detectors are installed, or if the group has more than one machine room/space(s), provide one normally closed contact for each elevator. The contact is to represent the smoke detector in the machine room/space(s) for that particular elevator, and any smoke detectors in the hoistway containing that particular elevator.

39. If sprinklers are installed in the hoistway(s) or machine room/space(s), a means to automatically disconnect the main line power supply of the affected elevator and any other power supplies used to move the elevator upon or prior to the application of water is required (unless prohibited by local code). Smoke detectors shall not be used to activate sprinklers in hoistway(s), machine/control room(s) or machinery spaces or to disconnect the main power supply.
40. Provide and "ABC" fire extinguisher, minimum 10 lbs, in the machine room or in a location convenient to the machine space.

Electrical Requirements for HydroFit Elevators

41. All 125-volt, 15 or 20 ampere single phase receptacles installed in pits, machinery spaces, and elevator car tops shall be of ground fault circuit interrupter (GFCI) type. All 125-volt, 15 or 20 ampere single phase receptacles installed in machine rooms / spaces shall have GFCI protection. A dedicated single-phase receptacle supplying a permanently installed pit sump pump shall not require GFCI protection National Electrical Code [NEC620-85 or CEC Rule 38-085].
42. Furnish a dedicated, balanced, 3-phase, 3-wire electrical feeder system with a separate solidly grounded equipment grounding conductor terminating in the machine room / space. Size of the feeders and grounding conductor to suit elevator power characteristics. Feeder conductors and grounding conductor must be copper. A fused disconnect switch or circuit breaker capable of being locked in the open position for each elevator per the National Electrical Code (ASME/NFPA 70) or Canadian Electrical Code (C22.1) with feeder or branch wiring to the controller (NEC 620-51, 620-61 (D), and 620-62 or CEC Rule 38-013(2)(a) must be provided. Fuses are to be current limiting class RK1 or equivalent. Circuit breakers are to

have current limiting characteristics equivalent to class RK1 fuses. Fuses or circuit breakers are to be time delay to cover the full load up accelerating current as listed in the Otis Confirmation of Power Supply Form.

[Note: If the 3 phase power to the control system is simulated (not from the utility), by use of a phase converter system, the phase converter must have all three phases balanced. Digital phase converter is required.]

Furnish a separate 120-volt, 15 ampere single phase branch circuit and SPST fused disconnect switch or circuit breaker capable of being locked in the open position to supply the car lights, receptacles, auxiliary lighting power source, and ventilation on each car in compliance with the National Electrical Code must be provided.

When a machine room is used and where practical, disconnects shall be located adjacent to the door of the machine room enclosure. When a machine space is used, disconnects or circuit breakers shall be located behind the door of the machine space per Otis layout.

Branch circuit wiring to each controller (NEC 620-53 or CEC Rule 38-053) must be provided.

For machine room applications, a convenience outlet and a suitable light, of not less than 200 Lux (19 fc) as measured at the floor level must be provided in the machine room with a light switch located within 18 in (456 mm) of lock jamb side of machine room door.

For machine space applications, a convenience outlet located inside the machine space door and a suitable light located outside the machine space door on the lock jamb side, of not less than 200 Lux (19 fc) as measured at floor level must be provided per Otis layout. The machine space light circuit shall be a dedicated circuit separate from other lighting circuits (NEC 620-24 or CEC Rule 38-024)'

A convenience outlet and light fixture of not less than 100 Lux (10 fc) as measured at the pit floor level must be in the pit with a light switch located adjacent to the pit access door (NEC 620-24 or CEC Rule 38-024). The light bulb(s) shall be externally guarded to prevent contact and accidental breakage.

[Note: consult with the Otis Construction Superintendent at your location concerning the following paragraph.]

To meet the date upon which the elevators are to be turned over, the permanent 3 phase feeder system and protective devices must be installed and power available prior to the start of elevator installation.

43. Provide 120-volt, 20 ampere power for lights, tools, welding, hoisting, etc. to the hoistway during installation. Source must be within 75 ft (22.86 m) of the hoistway.
44. **Communication Requirement:** Provide one (1) dedicated outside telephone line, per elevator, to the elevator control room/space(s) and terminated at the controller designated by the Otis construction superintendent. Reference A17.1 code and the Otis Confirmation of Power Letter for specific requirements.
45. For Elevators with an intra building Intercom: Provide a separate 120-volt, 15 ampere, single-phase power supply with fused SPST disconnect switch or circuit breaker located as required for inter-communicating system power supply. Circuit to be arranged for feeding from the building emergency lighting supply if provided. Conduit and wiring for remotely located intercommunicating stations must be provided.
46. **Fire Service Access Elevators (FSAE)**

Provide all hoistways to meet structural code requirements for Fire Service Access Elevators as per IBC and NFPA.

Provide climate control and ventilation with monitoring equipment.

Comply with NFPA requirements relative to hoistway pressurization and sprinkler prohibition.

Provide hoistway lighting (1 Foot-candle, 11 lux, measured on top of car) for entire length of hoistway

Emergency (standby) power must deliver power to elevator machine room, control room or space ventilation, cooling equipment, and the hoistway lighting.

You agree to indemnify and save Otis harmless against any and all liability and costs arising out of your failure to carry out any of the foregoing requirements.

Contract summary

FOR INSTALLATION CONTRACT

The extent of the work to be performed is either described above or in the attached specification which is incorporated into and made a part of this document.

PRICE	\$100,300.00
-------	--------------

This price is based on a fifty percent (60%) down payment in the amount of
Down payment amount: \$60,180.00

This proposal shall be a binding Contract between you, or the party identified below for whom you are authorized to contract, and us when accepted by you and our authorized representative through execution of this proposal; or by your authorizing us to perform work for the project and our commencing such work. This quotation is valid for thirty (30) days from the date of submission unless changed by us prior to a fully executed contract.

Accepted in duplicate

Submitted by: **Brian Beeler**

CUSTOMER		OTIS ELEVATOR COMPANY	
Approved by authorized representative		Approved by authorized representative	
Date:		Date:	
Signed:		Signed:	
Print name:		Print name:	
Title:		Title:	
Name of company:			

Tender reference:	F7NJ2011
Date:	

Texas Metal Studs & Drywall

611 N. McColl Rd. Ste. B
McAllen, TX 78501
956-266-0939 fax: 956-688-8314

Date: April 09, 2025

To: NM Contracting – Melissa Champion

Job Name: Hidalgo County PCT 1 WACC

1. Provide Labor and Material for Metal Stud Insulation, and Drywall:

- a. Interior Hat Channel
- b. 5/8" Type X Gyp Board
- c. Install Hollow Metal Frames, Doors, & Hardware

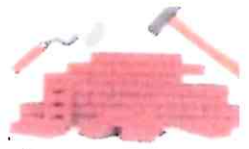
Total for all item 1 & 2 \$ 2,670.00

Please call if you have any questions (956) 266-0939

Pete D Morales



Vera Brothers Construction LLC



CHANGE ORDER

Hidalgo County Pct. 1 WACC
PROJECT NAME

1
C.O NUMBER

1901 N Bridge Ave Weslaco, TX 78596
PROJECT ADDRESS

4/7/25
C.O DATE

NM Contracting
GENERAL CONTRACTOR

DESCRIPTION OF CHANGE ORDER:

Install & Supply: (Elevator walls)

- 8" CMU regular painted by others (solid)
- 12" CMU regular painted by others (solid)
- Rebar reinforcement for masonry walls only

CHANGE ORDER TOTAL AMOUNT \$13,760.00

Contract price will increase in this amount due to C.O mentioned above.

NOTE: This proposal will be valid 30 days from proposal date. After that, price is subject to change.

Submitted By:

Approved By:

Vera Brothers Construction, LLC

General Contractor Signature

Manager
TITLE DATE

TITLE DATE

4603 W Mile 6 Rd Mission, TX 78574
R.league@masonry91@yahoo.com O: (956) 271-4898 C: (956) 321-4474

Javier Cantu (956)274-9242
Francisco Cantu (713)336-3848
Jcconcrete956@yahoo.com



Date: 4/10/25
Proposal#

C-24-0295-10-15 Pct. 1 WACC - CO # 1

Juan Barrera Plumbing
3013 Nyssa Avenue
McAllen, TX
78501-6604, US
9562273247

Prepared By:
Juan Barrera, Jr

juanbarrera1228@yahoo.com

Change Order 1

Project: **Hidalgo County Pct 1 Wellness, Activity and Community Center**

Scope of Work

Rough in under Ground for Sump pump and Separator
and Tie in to existing Sewer Main

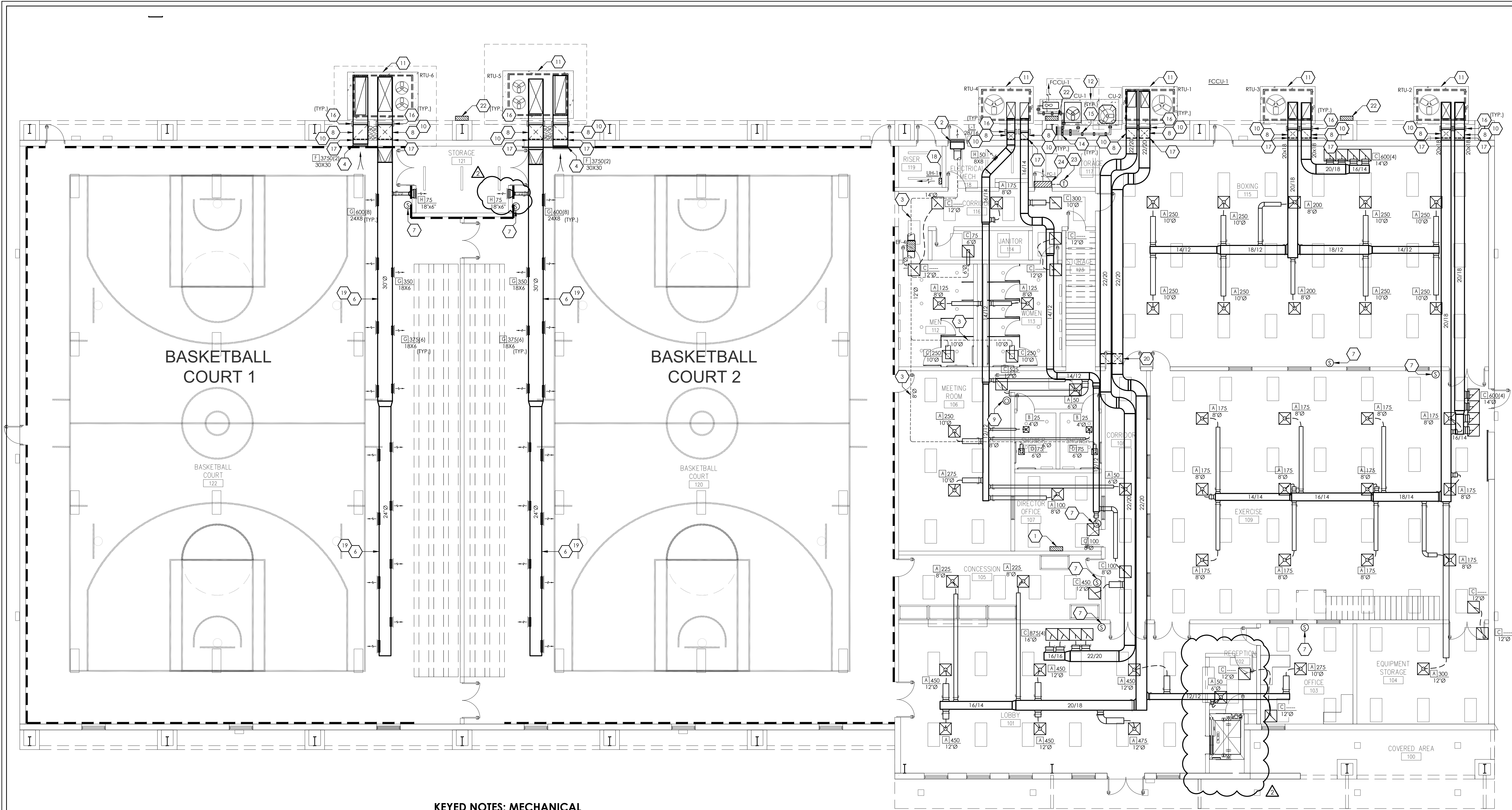
Default Group

	Quantity	Total Cost
Sump Pump	1	\$28,000.00
Labor		\$ 4,084.95
	--	\$ 32,084.95

Included (+)

- 1. Sump Pump
- 2. Oil Separator

Notes

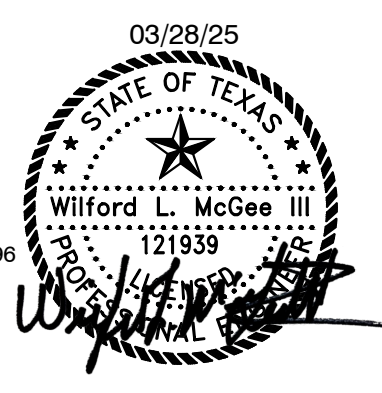


KEYED NOTES: MECHANICAL

- 1 PROVIDE W/ CONTROLS INTERFACE PANEL FOR BUILDING HVAC CONTROLS W/ 7" TOUCH SCREEN PANEL MOUNTED @ 48" A.F.F. PROVIDE W/ KEYPED PLASTIC COVER
- 2 COORDINATE LOCATION OF LOUVER WALL CAPS TO NOT CONFLICT W/ CONTROLLERS JOINTS AND DOWN SPOUTS.
- 3 EXHAUST DUCT OUT TO LOUVER.
- 4 PROVIDE W/ TWO STACKED RA GRILLES, ONE TO BE MOUNTED UP HIGH 24" BELOW STRUCTURE AND THE OTHER MOUNTED 16" BELOW UPPER ONE. COORDINATE WITH ARCH ON EXACT MOUNTING HEIGHT. COORDINATE LOCATION OF GRILLES TO NOT CONFLICT CONTROL JOINTS AND/OR OTHER STRUCTURAL MEMBERS.
- 5 GRILLE TO BE MOUNTED AT 30" BELOW HORIZON. DUCT BOOT NOT ALLOWED.
- 6 EXPOSED DUCT TO BE OF SINGLE WALL CONSTRUCTION. INTERNALLY LINE DUCT W/ 1" OF ACOUSTIC INSULATION EQUAL TO "KNAUFF INSULATION" SONIC XP DUCT LINER OR EQUAL. DUCT TO BE GALVANIZED SHEET METAL PHOSPHATIZED (PAINT GRIP) OR OF GALVANNEALED CONSTRUCTION & PREPARED FOR PAINTING. COORDINATE W/ ARCH/OWNER FOR PAINT COLOR.
- 7 REMOTE TEMPERATURE SENSOR @ 48" A.F.F. W/ PANEL PROTECTION.
- 8 PROVIDE VERTICAL DUCT SUPPORTS EVERY 5' ON WALL, AND ONE MAIN GROUND SUPPORT ON BOTTOM OF DUCT. FLASH EXTERIOR DUCT PENETRATION WEATHER-TIGHT.
- 9 OVERRIDE TEMPERATURE SENSOR @ 48" A.F.F. W/ PUSH BUTTON.
- 10 OUTDOOR DUCT INSULATION (CLOSED CELL FLEXIBLE ELASTOMERIC INSULATION): 1 INCH THICK MATERIAL THAT HAS A SERVICE TEMPERATURE RANGE FROM -60 DEGREES F TO 180 DEGREES F. THIS OUTDOOR DUCT INSULATION MEETS ASTM C 177 OR C 518 AND SHALL HAVE MINIMUM 'K' VALUE OF 0.27 BTU-IN. / HR-FT2- DEGREES F AT MINIMUM DENSITY MEASUREMENT OF 3 LB/CU FT. THE INSULATION AND OUTSIDE SURFACE MUST BE PROTECTED WITH A WHITE THERMO PLASTIC RUBBER MEMBRANE FORMULATED TO:
 - 1. BE RESISTANT TO UV, AND OZONE, ACID RAIN, AND PHYSICAL ELEMENTS PRODUCED FROM OUTDOOR WEATHER PER ASTM E 96 PROCEDURE A.
 - 2. HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPED RATING OF 50 OR LESS WHEN TESTED IN ACCORDANCE WITH THE TEST METHOD FOR SURFACE BURNING IN ASTM E 84.
 - 3. SHOW NO EVIDENCE OF CONTINUED EROSION, DELAMINATING, CRACKING, FLAKING, OR PEELING WHEN TESTED IN ACCORDANCE WITH THE TEST METHOD FOR EROSION RESISTANCE IN UL181. BE RESISTANT TO MOLD GROWTH RESISTANCE, ASTM G 21/C 1338 RESISTANT TO FUNGI, AND RESISTANT TO BACTERIA GROWTH PER ASTM G 22.
 - 4. SHALL BE EQUAL TO THERMADUCT, R-8 IN BOTH CONSTRUCTION INTEGRITY AND INSULATIVE VALUES OR PRO-R DUCT.
- 11 NEW PACKAGED UNIT SHALL BE MOUNTED ON A 6 INCH CONCRETE PAD. PROVIDE WITH 30-INCH FIELD CONSTRUCTED METAL PLATFORM TO MOUNT UNIT ON TOP OF AND DUCT SUPPLY AND RETURN DUCTS OUT FROM UNDERNEATH OF UNIT OUT THE SIDE OF THE PLATFORM. REFER TO DETAILS PLATFORM TO BE WRAPPED IN GALVANIZED SHEET METAL.
- 12 PLACE CONDENSING UNIT ON 4" CONCRETE PAD. ANCHOR TO PAD WITH 2" RUBBER VIBRATION ISOLATION MOUNTS.
- 13 PROVIDE W/ MOTORIZED DAMPER W/ OPEN/CLOSE OPERATION. DAMPER TO BE ACTUATED BY ZONE THERMOSTAT. MECHANICAL CONTRACTOR TO PROVIDE W/ ANY ELECTRICAL HARDWARE TO POWER DAMPER.
- 14 PROVIDE W/ REFRIGERANT LINE WALL PENETRATION HOUSING/PANEL EQUAL TO "WALL VAULT" MADE BY "ROOF PENETRATION HOUSINGS, LLC". WALL PANEL TO BE SIZED TO ACCOMMODATE REFRIGERANT LINES & CONDUIT. COORDINATE W/ ELECTRICAL. REFRIGERANT CIRCUIT ACCESS PORTS LOCATED OUTDOORS SHALL BE SECURED WITH LOCK-TYPE TAMPER-RESISTANT CAPS OR SHALL BE OTHERWISE SCORED TO PREVENT UNAUTHORIZED ACCESS. PROVIDE ALUMINUM JACKETING ON ALL LINES EXTERIOR TO THE BUILDING.
- 15 PROVIDE ALUMINUM PIPING SUPPORTS AT EVERY 4' FEET. PROVIDE ALUMINUM JACKETING ON ALL LINES EXTERIOR TO THE BUILDING.
- 16 PROVIDE WITH DUCT SUPPORT EQUAL TO "MIRO IND. 6, 8, OR 10-DS" "I" TYPE DUCT SUPPORT. COORDINATE W/ VENDOR FOR MODEL & SPACING REQUIRED. FOR SIDE BY SIDE DUCTS, A "I"-I-"I" ARRANGEMENT MAY BE USED WITH THREE VERTICAL SUPPORTS & BASES. INSTALL DUCTS AS CLOSELY SPACED AS POSSIBLE.
- 17 SEAL/FLASH ALL EXTERIOR DUCT PENETRATIONS WATER/ WEATHER TIGHT.
- 18 MOUNT UNIT HEATER RECESSED IN WALL OR SURFACE MOUNTED ON WALL. BOTTOM OF UNIT HEATER TO BE AT MINIMUM OF 6'-0" A.F.F. PROVIDE W/ ACCESSORIES AS REQUIRED FOR WALL MOUNTING APPLICATION.
- 19 DUCT TO BE RUN TIGHT TO BOTTOM OF STRUCTURE.
- 20 DROP DUCTS BELOW 2ND FLOOR MEZZANINE.
- 21 PROVIDE 6" WALL CAP.
- 22 CONTROLS ENCLOSURE FOR CONTROLS CONTRACTOR.
- 23 CONTROLS FOR A/C UNIT WILL BE BY MEANS OF A 24 VOLT 7-DAY PROGRAMMABLE THERMOSTAT WITH HEAT-OFF-COOL AND FAN ON-AUTO CAPABILITIES SHOWN ON A DIGITAL DISPLAY WITH 5" F DEADBAND AND HAVE SETPOINT OVERLAP RESTRICTIONS. MOUNT THERMOSTAT AT 48" ABOVE FINISHED FLOOR. PROVIDE WITH KEYPED CLEAR PLASTIC COVER.
- 24 MOUNT AIR CONDITIONING UNIT CENTERED ABOVE DOOR. REFER TO PLUMBING PAGES FOR CONDENSATE ROUTING.

PLAN NORTH
MECHANICAL OVERALL FLOOR PLAN
SCALE : 1/8" = 1'-0"

TRINITY
MEP ENGINEERING
3533 Moreland Dr. Ste A 1 Weslaco, Tx 78596
p:956.973.0500 f:956-351-5750
www.trinitymep.com | Copyright 2024
Texas Registered Engineering Firm - F10362
Project number: 24.2.41



Hidalgo Co Precinct 1
Health and Wellness Center

Weslaco, Texas

B2Z ENGINEERING
SBA 8(a), HUB, DBE, WBE, WOSB, MBE
900 S. STEWART ROAD, SUITE 4
MISSION, TX 78572
www.b2zeg.com
956-985-3773



ADDENDUM	09/06/24
ADDENDUM	09/12/24
REVISION#1	11/12/24
REVISION#2	03/28/25
ISSUES AND REVISIONS	

TITLE
03/28/25
ISSUE DATE
JOB NUMBER
DRAWN BY
CHECKED BY
SHEET NUMBER

MP01

ELECTRICAL LEGEND-LIGHTING

---ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS.
SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.

SYMBOL	DESCRIPTION
	2'x4' LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE
	2'x4' LIGHT FIXTURE W/EMERGENCY BATTERY PACK, REFER TO LUMINAIRE SCHEDULE
	2'x2' LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE
	2'x2' LIGHT FIXTURE W/EMERGENCY BATTERY PACK, REFER TO LUMINAIRE SCHEDULE
	1'x4' LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE
	TRACK LIGHT WITH HEADS AS INDICATED
	INCANDESCENT, LED, FLUORESCENT, OR HID WALL WASHER LIGHT FIXTURE CEILING MTD, REFER TO LUMINAIRE SCHEDULE
	INCANDESCENT, LED, FLUORESCENT, OR HID FIXTURE CLG. OR WALL MTD, REFER TO LUMINAIRE SCHEDULE
	LED, FLUORESCENT, OR HID FIXTURE WITH EMERGENCY BATTERY PACK, CLG. OR WALL MTD, REFER TO LUMINAIRE SCHEDULE
	EXIT LIGHT, CEILING OR WALL MOUNTED - SHADING INDICATING SINGLE OR DOUBLE FACE; DIRECTIONAL ARROWS AS INDICATED REFER TO LUMINAIRE SCHEDULE
	EXIT LIGHT SAME AS ABOVE, EXCEPT WITH AN EMERGENCY UNIT AS A COMBO, REFER TO LUMINAIRE SCHEDULE
	CEILING FAN
	STRIP UTILITY LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE
	STRIP UTILITY STRIP LIGHT WITH EMERGENCY BATTERY PACK, REFER TO LUMINAIRE SCHEDULE
	WALL SWITCH SPST, 20A, 120/277V
	DOUBLE POLE TOGGLE SWITCH, 20A, 120/277V
	3-WAY WALL SWITCH, 20A, 120/277V
	4-WAY WALL SWITCH, 20A, 120/277V
	WALL DIMMER SWITCH
	WALL SWITCH SPST, 20A, 120/277V - PILOT LIGHT SWITCH
	WALL SWITCH SPST, 20A, 120/277V - KEYED SWITCH, X = 3 OR 4 WAY

ELECTRICAL LEGEND-SPECIAL SYSTEMS

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SYMBOL	DESCRIPTION
	WALL MOUNTED VOICE/DATA OUTLET, FURNISH AND INSTALL 1.25°C, WITH PULLSTRING AND INSULATED BUSHING, STUBBED ABOVE CEILING, +24" UNLESS OTHERWISE NOTE. BOX TO BE MINIMUM 2 1/8" DEEP.
	WALL MOUNTED VOICE OUTLET, FURNISH AND INSTALL 1°C, WITH PULLSTRING AND INSULATED BUSHING, STUBBED ABOVE CEILING, +24" UNLESS OTHERWISE NOTE. BOX TO BE MINIMUM 2 1/8" DEEP.
	WALL MOUNTED DATA OUTLET, FURNISH AND INSTALL 1.25°C, WITH PULLSTRING AND INSULATED BUSHING, STUBBED ABOVE CEILING, +24" UNLESS OTHERWISE NOTE. BOX TO BE MINIMUM 2 1/8" DEEP.
	PUBLIC TELEPHONE OUTLET, J-BOX & 1°C
	TELEVISION OUTLET, CLG. OR WALL MOUNTED - STUB 1" C. ABOVE CEILING FROM OUTLET BOX
	PUSHBUTTON WALL MOUNTED.
	AUDIO VIDEO DROP, REFER TO DETAIL
	INTERCOM - CALL SWITCH- JBOX WITH 3/4"C
	INTERCOM/PAGING LAY-IN SPEAKER
	PA EXTERIOR SPEAKER 10'-6" AFF
	SECURITY DOOR CONTACT SENSOR - STUB 1/2"C ABOVE CEILING FROM OUTLET BOX
	SECURITY MOTION DETECTOR SENSOR - STUB 1/2"C ABOVE CEILING FROM OUTLET BOX
	SECURITY GLASS BREAK SENSOR - STUB 1/2"C ABOVE CEILING FROM OUTLET BOX
	SECURITY KEY PAD - STUB 3/4"C ABOVE CEILING FROM OUTLET BOX
	SECURITY PANEL JUNCTION BOX 54"
	ACCESS CONTROL PANEL JUNCTION BOX - BY OTHERS 54"
	CARD READER BOX - STUB 3/4"C ABOVE CEILING LEVEL FROM OUTLET BOX SYSTEM BY OTHERS ----
	MAGNETIC LOCK BOX - STUB 3/4"C ABOVE CEILING LEVEL FROM OUTLET BOX SYSTEM BY OTHERS ----
	INTRUSION EXTERIOR SPEAKER 10'-6" AFF
	SINGLE SIDED CLOCK, J-BOX W/3/4"C 96" AFF MIN.
	DOUBLE SIDED CLOCK, J-BOX W/3/4"C 96" AFF MIN.
	CAMERA J-BOX W/ 3/4" CONDUIT ----
	TELEPHONE BOARD- 3/4"x8" FIRE RATED
	ACCESS CONTROL POWER SUPPLY ABOVE THE CEILING, MDF/IDF, ELECTRICAL ROOM, COORDINATE WITH OWNER, PROVIDE 120V ELECTRICAL CIRCUIT.

ELECTRICAL LEGEND-FIRE ALARM

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SYMBOL	DESCRIPTION
	FIRE ALARM PULL STATION: STUB 3/4"C ABOVE CEILING FROM J-BOX
	FIRE ALARM AUDIBLE/VISUAL SIGNAL: STUB 3/4"C ABOVE CEILING FROM J-BOX
	FIRE ALARM VISUAL SIGNAL: STUB 3/4"C ABOVE CEILING FROM J-BOX
	FIRE ALARM CEILING MOUNT SPEAKER STROBE, UL LISTED, : J-BOX WITH 3/4"C
	FIRE ALARM CEILING WALL MOUNT OUTDOOR SPEAKER STROBE, UL LISTED, : J-BOX WITH 3/4"C
	FIRE ALARM SMOKE DETECTOR CEILING OR WALL MOUNTED: STUB 3/4"C ABOVE CEILING FROM J-BOX
	HEAT DETECTOR CEILING OR WALL MOUNTED: STUB 3/4"C ABOVE CEILING FROM J-BOX
	DUCT SMOKE DETECTOR: STUB 3/4"C ABOVE CEILING FROM J-BOX
	SMOKE DETECTOR WITH AN AUDIBLE BASE: STUB 3/4"C ABOVE CEILING FROM J-BOX
	FIRE ALARM CONTROL PANEL, ADDRESSABLE, SURFACE MTD UNO, INCLUDE A FIRE DOCUMENT BOX EQUAL TO MFR. SPACE AGE ELECTRONICS #FDB-ACE-11.
	FIRE ALARM CONTROL PANEL WITH EMERGENCY VOICE SYSTEM, ADDRESSABLE, FLUSH MTD UNO, INCLUDE A FIRE DOCUMENT BOX EQUAL TO MFR. SPACE AGE ELECTRONICS #FDB-ACE-11.
	FIRE ALARM EMERGENCY VOICE EVACUATION SYSTEM, FLUSH OR SURFACE.
	FIRE ALARM REMOTE ANNUNCIATOR PANEL, FLUSH MOUNTED UNO
	POWER SUPPLY, DEDICATED 110V
	DOOR HOLDER DEVICE: STUB 3/4"C ABOVE CEILING FROM J-BOX
	TAMPER SWITCH: STUB 3/4"C ABOVE CEILING FROM J-BOX
	FLOW SWITCH: STUB 3/4"C ABOVE CEILING FROM J-BOX
	FIRE ALARM OUTDOOR SPEAKER, WEATHER PROOF: STUB 3/4"C ABOVE CEILING FROM J-BOX

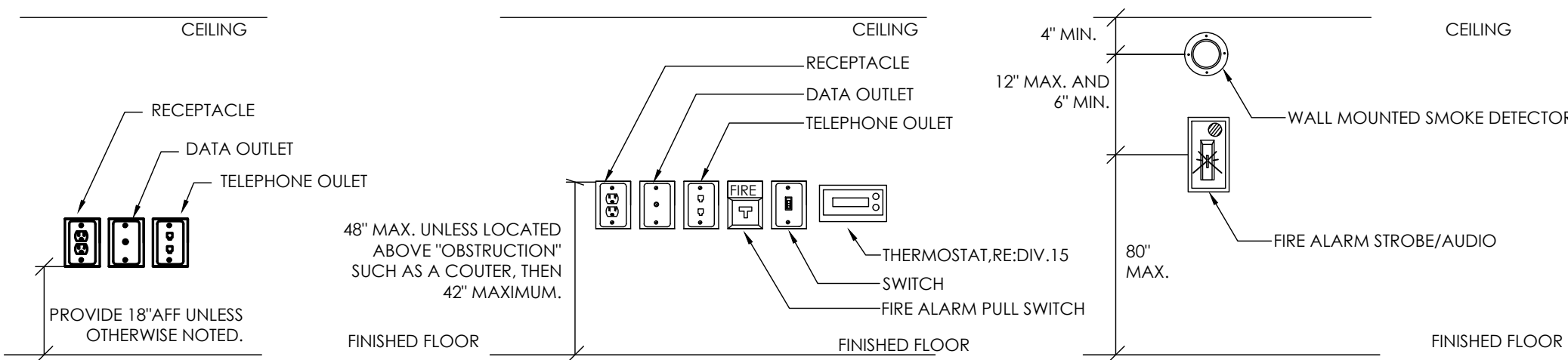
ELECTRICAL LEGEND-GENERAL

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SYMBOL	DESCRIPTION
	HEAVY DUTY DISCONNECT SWITCH FUSED
	HEAVY DUTY DISCONNECT SWITCH NONFUSED
	HEAVY DUTY COMBINATION DISCONNECT/MOTOR STARTER
	HEAVY DUTY MOTOR STARTER
	ENCLOSED BREAKER, RE: TO SCH. FOR MORE INFO.
	ROTARY TYPE DISCONNECT SWITCH
	120/277-208/480V, 20AMP, MOTOR RATED SWITCH, NEMA-1 (INTERIOR) ENCLOSURE, NEMA-3R (EXTERIOR) ENCLOSURE. VOLTAGE TO BE SELECTED PER EQUIPMENT CIRCUIT REQUIREMENTS.
	MOTOR
	PANELBOARD, CLEARANCE AS PER LATEST NEC
	SWITCH LEG
	ELECTRICAL CONDUIT
	UNDERGROUND ELECTRICAL CONDUIT
	COMMUNICATION CONDUIT AND WIRING
	MULTI-POLE DEVICE CIRCUIT NUMBERS
	THREE SINGLE POLE DEVICE CIRCUIT NUMBERS
	CONDUIT AND WIRE HOMERUN TO PANEL. SHORT HATCH INDICATES NEUTRAL CONDUCTOR, LONG HATCHES INDICATE PHASE CONDUCTORS, AND LONG HATCH WITH CIRCLE INDICATES ISOLATES OR INSULATED GROUND. ALPHANUMERIC DESCRIPTION INDICATES PANEL AND BREAKER.
	UNDERGROUND CONDUIT AND WIRE HOMERUN TO PANEL. SHORT HATCH INDICATES NEUTRAL CONDUCTOR, LONG HATCHES INDICATE PHASE CONDUCTORS, AND LONG HATCH WITH CIRCLE INDICATES ISOLATED OR INSULATED GROUND. ALPHANUMERIC DESCRIPTION INDICATES PANEL AND BREAKER.
	DETAIL NUMBER
	SHEET NUMBER
	THERMOSTAT WALL MOUNTED - STUB 1/2"C ABOVE CEILING FROM OUTLET BOX. COORDINATE EXACT LOCATION AND HEIGHT WITH MECHANICAL DIVISION.
	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED MINIMUM OF 4" SQUARE
	PHOTO CELL (MFR. INTERMATIC #K4136M)
	LIGHTING CONTACTOR, NEMA-1, W/H.O.A., SWITCH
	TIME CLOCK (MFR. TORX #7202Z)
	CIRCULATING PUMP
	ELECTRICAL DEVICE AS SHOWN ON PLANS SURFACE MOUNT RACEWAY. SURFACE MOUNT RACEWAY SHALL BE WIREMOLD #W700 SERIES. PROVIDE ALL RELATED #W700 SERIES ACCESSORIES FOR AN OPERABLE SYSTEM.

MOUNTING HEIGHT DETAIL

NOTE: VERIFY WITH ARCHITECTURAL FOR **ADA REQUIREMENTS**.



ELECTRICAL ABBREVIATIONS:

ABBV:	DESCRIPTION	ABBV:	DESCRIPTION
AC	ABOVE COUNTER	N1	NEMA-1
AFF	ABOVE FINISHED FLOOR	N3R	NEMA-3R
AHJ	AUTHORITY HAVING JURISDICTION	N4X	NEMA-4X
BC	BELOW COUNTER	NF	NONFUSED
BFC	BELOW FINISHED CEILING	NIC	NOT IN CONTRACT
C	CONDUIT	NL	NIGHT LIGHT
CB	CIRCUIT BREAKER	PNL	PANEL
CRCP(T)	I.G. RECEPTACLE(S)	QCRCPT(S)	QUAD I.G. RECEPTACLE(S)
CRCT	CIRCUIT	QRCP(T)	QUAD RECEPTACLE(S)
EA	EACH	RCPT(S)	DUPLEX RECEPTACLE(S)
EC	EMPTY CONDUIT	RMC	RIGID METAL CONDUIT
EMT	ELECTRICAL METALLIC TUBING CONDUIT	RNC	RIGID NONMETALLIC CONDUIT
EX	EXISTING	(S.C.)	SHARE CIRCUIT
F	FUSE	S/N	SOLID NEUTRAL
FDR.	FEEDER	SS	STAINLESS STEEL
G	GROUND (EQUIPMENT)	SO (S.O.)	SPACE ONLY
GFI	GROUND FAULT INTERRUPTER	SP	SPARE
H.D	HEAVY DUTY	ST (S.T.)	SHUNT TRIP
HT.	HEIGHT	SW	SWITCH
IG	ISOLATED GROUND	T	TAMPER PROOF
LC	LIGHTING CONTACTOR	UF	UNDERFLOOR
LTG.	LIGHTING	UG	UNDERGROUND
UNO(U.N.O.)	UNLESS NOTED OTHERWISE	WG	WIRE GUARD
MB	MAIN BREAKER	WP	WEATHERPROOF
MFR.	MANUFACTURER	XFMR	TRANSFORMER
MLO	MAIN LUGS ONLY		
MTD	MOUNT OR MOUNTED		

NOTES:

- 48" AFF INDICATES TO TOP OF DEVICE;
- 15" AFF INDICATES TO BOTTOM OF DEVICE;
- ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE.
- AC INDICATES 6" ABOVE COUNTER TO BOTTOM OF DEVICE.

ELECTRICAL LEGEND - WIRING DEVICES

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	SINGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R
	DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R
	DUPLEX RECEPTACLE TAMPER RESISTANT - 20A/125V/2P/3W/G NEMA 5-20R
	HOSPITAL GRADE DUPLEX RECEPTACLE/GFI - 20A/125V/2P/3W/G NEMA 5-20R
	DUPLEX RCPT, GFI - 20A/125V/2P/3W/G NEMA 5-20R
	DUPLEX RCPT, WEATHER RESISTANT "WR", GFI, INSTALLED IN A "IN-USE" WEATHER PROOF STEEL ENCLOSURE- 20A/125V/2P/3W/G NEMA 5-20R W/ "IN-USE" SHALL BE EQUAL TO MFR. CARLON, METALLIC SERIES SINGLE GANG, VERTICAL MOUNT #MEFUVMG DOUBLE GANG, VERTICAL MOUNT #MEFUVMG
	QUADRAPLEX RECEPTACLE
	ISOLATED GROUND QUADPLEX RECEPTACLE
	ISOLATED GROUND DUPLEX RECEPTACLE - 20A/125V NEMA 5-20R
	208V RECEPTACLE, VERIFY NEMA NO. WITH EQUIPMENT SUPPLIER
	SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)
	J-BOX - AIR HAND DRYER; (RECESSED HAND DRYERS TO BE PROVIDED BY DIVISION 16, ELECTRICAL) 120V MODEL #SLUMDRI AS MANUFACTURER BY WORLD DRYER, (COLOR WHITE) QUANTITY: REFER TO DRAWINGS (MIN. ONE PER LAV. COMPLETE W/ ELE. CONNECTIONS TYP.)
	4-GANG FLOOR MOUNTED BOX, 2-DUPLEX RECEPTACLE(INCLUDE RECEPTACLE WITH COVER PLATE)/2-GANG FOR DATA - FLUSH MOUNTED UNO FLOOR BOX = MFR.-HUBBELL MODEL#CFB4G30RCR-CFB51R8CVRNKL(COVER)/2/FBMPDUP-FBMP6K5-CFBHUB2(MULTISERVICE STEEL RECESSED FLOOR BOX -VERIFY FLOOR FINISH PRIOR TO ORDER SAME BOX FOR DATA OUTLETS.
	6-GANG FLOOR MOUNTED BOX, 2-DUPLEX RECEPTACLE(INCLUDE RECEPTACLE WITH COVER PLATE)/2-GANG FOR DATA - FLUSH MOUNTED UNO FLOOR BOX = MFR.-HUBBELL MODEL#CFB4G30RCR-CFB51R8CVRNKL(COVER)-3/FBMPDUP-FBMP6K5-CFBHUB2(MULTISERVICE STEEL RECESSED FLOOR BOX-VERIFY FLOOR FINISH PRIOR TO ORDER SAME BOX FOR DATA OUTLETS.
	6" FIRE RATED POKE-THROUGHS BOX, 2-DUPLEX RECEPTACLE(INCLUDE RECEPTACLE WITH COVER PLATE)- MFR.-HUBBELL MODEL#S1R6PTFIT-S1R6SPE-S1R6SPL-S1R6SPH(50/50 DEVICE PLATE COMBINATION)-S1R6CVRALU(COVER) -VERIFY FLOOR FINISH PRIOR TO ORDER SAME BOX FOR DATA OUTLETS.
	6" FIRE RATED POKE-THROUGHS BOX, FURNITURE FEED.- MFR.-HUBBELL MODEL#S1R6PTFFALU(ALUMINUM COVER) -VERIFY FLOOR FINISH PRIOR TO ORDER.
	8" FIRE RATED POKE-THROUGHS BOX, 2-DUPLEX RECEPTACLE(INCLUDE RECEPTACLE WITH COVER PLATE)- MFR.-HUBBELL MODEL#S1R8PTFIT-S1R8CSPK-S1R8CSPK-S1R8SPZ(50/50 DEVICE PLATE COMBINATION)-S1R8CVRALU(COVER) -VERIFY FLOOR FINISH PRIOR TO ORDER SAME BOX FOR DATA OUTLETS.

GENERAL ELECTRICAL NOTES

- ALL SYMBOLS AND ABBREVIATIONS SHOWN ON THIS LEGEND MAY NOT APPEAR ON THIS SET OF DRAWINGS.
- USE DIRECTIONAL ARROW ON EXIT SIGNS AS REQUIRED.
- IEEE STANDARD C37.2-1991, ELECTRICAL POWER SYSTEM DEVICE FUNCTION NUMBERS.
- CONTRACTOR SHALL NOT INSTALL MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A COMMON RACEWAY. IF CONTRACTOR IS PLANNING ON GROUPING MULTIPLE CIRCUITS IN A SINGLE RACEWAY, THE CONTRACTOR MUST SUBMIT ALL DERATING CALCULATIONS FOR THE PROPOSED INSTALLATION IN ACCORDANCE WITH NEC ARTICLE 310.15 (B) (2) FOR APPROVAL PRIOR TO INSTALLATION. NON APPROVED INSTALLATIONS WILL BE REMOVED AND REINSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE NEC AT NO ADDITIONAL COST TO THE OWNER.
- THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF THREE 90° BENDS (270 DEGREES TOTAL) BETWEEN PULL POINTS. WHERE THERE ARE MORE THAN THREE QUARTER BENDS, CONTRACTOR SHALL PROVIDE PULL BOXES AS SPECIFIED AND SIZED IN ACCORDANCE WITH NEC.
- COMPLY WITH NEC REQUIREMENTS FOR ELECTRICAL INSTALLATIONS. ALL ELECTRICAL EQUIPMENT AND MATERIAL TO BE APPROVED, LISTED, LABELED, IDENTIFIED AND INSTALLED PER RECOGNIZED ELECTRICAL TESTING LABORATORY.
- ALL RECEPTACLES, SWITCHES AND JUNCTION BOXES SERVED BY EMERGENCY BRANCH CIRCUITS SHALL BE "RED" IN COLOR, COVERPLATES SHALL BE LABELED IN ACCORDANCE WITH SPECIFICATIONS TO INDICATE PANELBOARD AND CIRCUIT NO. (IE: ET*LA-3).

APPLICABLE CODES

2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL PLUMBING CODE
2015 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION
2015 INTERNATIONAL FUEL GAS CODE
2015 INTERNATIONAL RESIDENTIAL CODE
2015 INTERNATIONAL SWIMMING POOL AND SPA CODE

INDEX OF SHEETS

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ET01	ELECTRICAL TECHNOLOGY FLOOR PLAN
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ETD01	ELECTRICAL TECHNOLOGY DETAILS
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ETD03	ELECTRICAL TECHNOLOGY DETAILS
ETD04	ELECTRICAL TECHNOLOGY DETAILS

LUMINAIRE SCHEDULE

MARK	VOLTAGE	LAMP	MOUNTING	DESCRIPTION	MODEL NO.
A	MVOLT	LED 3600 LM 4000K 268W	PENDANT	LED HIGHBAY FIXTURE WITH LENS, MOTION SENSOR AND LED DIMMING DRIVER.	SIGNIFY FBT-36L-840-UNV
AE	SAME AS TYPE 'A' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
B	MVOLT	LED 4300 LM 4000K 33W	RECESSED	2'x4' LED TROFFER FIXTURE, UL LISTED, LENS, HIGH EFFICIENCY 0-10V DRIVER	SIGNIFY 2FP243L840-4-DS-UNV-DIM
BE	SAME AS TYPE 'B' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
B2	MVOLT	LED 5400 LM 4000K 42W	RECESSED	2'x4' LED TROFFER FIXTURE, UL LISTED, LENS, HIGH EFFICIENCY 0-10V DRIVER	SIGNIFY 2FP254L840-4-DS-UNV-DIM
B2E	SAME AS TYPE 'B2' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
B3	MVOLT	LED 6000 LM 4000K 47W	RECESSED	2'x4' LED TROFFER FIXTURE, UL LISTED, LENS, HIGH EFFICIENCY 0-10V DRIVER	SIGNIFY 2FP260L840-4-DS-UNV-DIM
B3E	SAME AS TYPE 'B3' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
C	MVOLT	LED 1000 LM 4000K 11W	SURFACE	6"LED OPEN DOWN- LUMINAIRE, SEMI-SPECULAR REFLECTOR, WITH 0-10V DRIVER	SIGNIFY 4RN-24RDL10940-UNV-DIM
CE	SAME AS TYPE 'C' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
C2	MVOLT	LED 1500 LM 4000K 15W	SURFACE	6"LED OPEN DOWN- LUMINAIRE, SEMI-SPECULAR REFLECTOR, WITH 0-10V DRIVER	SIGNIFY 4RN-24RDL15940-UNV-DIM
C2E	SAME AS TYPE 'C2' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
D	MVOLT	LED 4000 LM 4000K 31W	SURFACE	4' LED STRIP LIGHT FIXTURE	SIGNIFY FSS-440L-840-UNV-DIM
DE	SAME AS TYPE 'D' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
E	MVOLT	INCLUDED	SURFACE	EMERGENCY LIGHTING UNIT W/ SELF-DIAGNOSTICS	EELP DEM-LED---ACEM
E2	MVOLT	INCLUDED	SURFACE	EMERGENCY LIGHTING UNIT W/ SELF-DIAGNOSTICS	EELP OEM-LED
F	MVOLT	LED 1285 LM 3000K 18W	SURFACE	2' VANITY LED LIGHTING FIXTURE	LITHONIA FWMVSL 24IN 30K
G	MVOLT	LED 18000 LM 4000K 115W	PENDANT	8' LED STRIP LIGHT FIXTURE, 0-10V DRIVER, UL LISTED	LITHONIA CLX L96 18000LM HEF WDL MVOLT 40K 80CRI
GE	SAME AS TYPE 'G' EXCEPT WITH 1400 LUMEN EMERGENCY BATTERY PACK				
H	MVOLT	LED 1000 LM 4000K 10W	RECESSED	6" RECESSED LED DOWNLIGHT WITH LED DRIVER, NON-CONDUCTIVE UL LISTED FOR SHOWER USE.	GOTHAM EVO6SH 35/10 DFF SMO MVOLT EZ10
J	MVOLT	LED 4000 LM 4000K 24W	SURFACE	4' LED VAPOR TIGHT FIXTURE, UL LISTED FOR WET LOCATIONS	LITHONIA FEM L48 4000LM LPCL WD MVOLT GZ10 40K 80CRI
X1	MVOLT	LED	SURFACE	LED THERMOPLASTIC EXIT/EMERGENCY UNIT WITH SELF-DIAGNOSTICS	EELP XC-LED 1 R W SD
AA	MVOLT	LED 6751 LM 4000K 52W	SURFACE	LED WALL PACK FIXTURE, WET LOCATION RATED	SIGNIFY 121-32L-530-NW-G-4
BB	MVOLT	LED 6814LM 5000K 43W	SURFACE	LED SURFACE MOUNT CANOPY FIXTURE, LENSED, WET LOCATION RATED	ELUMINAIRE CCS1-DP6050K-MV-BZ
CC	MVOLT	LED 26281 LM 4000K 206W	28" POLE	LED AREA LUMINAIRE, POLE MOUNT LUMINAIRE, INCLUDE BASE COVER, RATED FOR WET LOCATION, UL LISTED, POLE SHALL BE SIZE FOR MIN. 130 MPH, INCLUDE VIBRATION DAMPERS	SIGNIFY ECF-S-64L-1A-NW-G2-AR-3-UNV-RPA-BZ POLE MFR. KW INDUSTRIES #RT6801130-G/BZ-DM10-VDI-BC
CC2	MVOLT	LED 52562 LM 4000K 412W	28" POLE	LED AREA LUMINAIRE, POLE MOUNT LUMINAIRE, INCLUDE BASE COVER, RATED FOR WET LOCATION, UL LISTED, POLE SHALL BE SIZE FOR MIN. 130 MPH, INCLUDE VIBRATION DAMPERS	SIGNIFY ECF-S-64L-1A-NW-G2-AR-3-UNV-RPA-BZ POLE MFR. KW INDUSTRIES #RT6801130-G/BZ-DM2180-VDI-BC

NOTE:

- EQUAL MANUFACTURER SHALL BE ACCEPTABLE WITH EQUAL PERFORMANCE OF SPECIFIED EQUIPMENT AND APPROVED BY ENGINEER.
- SUBMIT EQUAL MANUFACTURERS TO ENGINEER 10 DAYS PRIOR TO BID DATE.
- SUBMIT LIGHT FIXTURES CUTSHEETS TO OWNER FOR APPROVAL PRIOR TO ORDER.
- CONTRACTOR SHALL VERIFY THAT ANY IRRIGATION SPRINKLER HEAD IS AWAY FROM ANY LIGHT POLE A MINIMUM OF 75' TO AVOID CONSISTENT WATER TO LIGHT POLE. COORDINATE WITH IRRIGATION CONTRACTOR PRIOR TO ANY WORK.
- CONTRACTOR SHALL VERIFY THAT ANY LIGHT POLES ON COMMON AREAS AND SIDE WALKS, THAT THE LOCATION OF THE POLE TO MEET THE ADA REQUIREMENTS.
- CONTRACTOR SHALL FIELD VERIFY FOR EXISTING/NEW UNDERGROUND UTILITIES PRIOR TO ANY WORK.

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Hidalgo Co Precinct 1
Health and Wellness Center

Texas

Weslaco,

ADDENDUM	09/06/24
ADDENDUM	09/12/24

GENERAL NOTES: LIGHTING

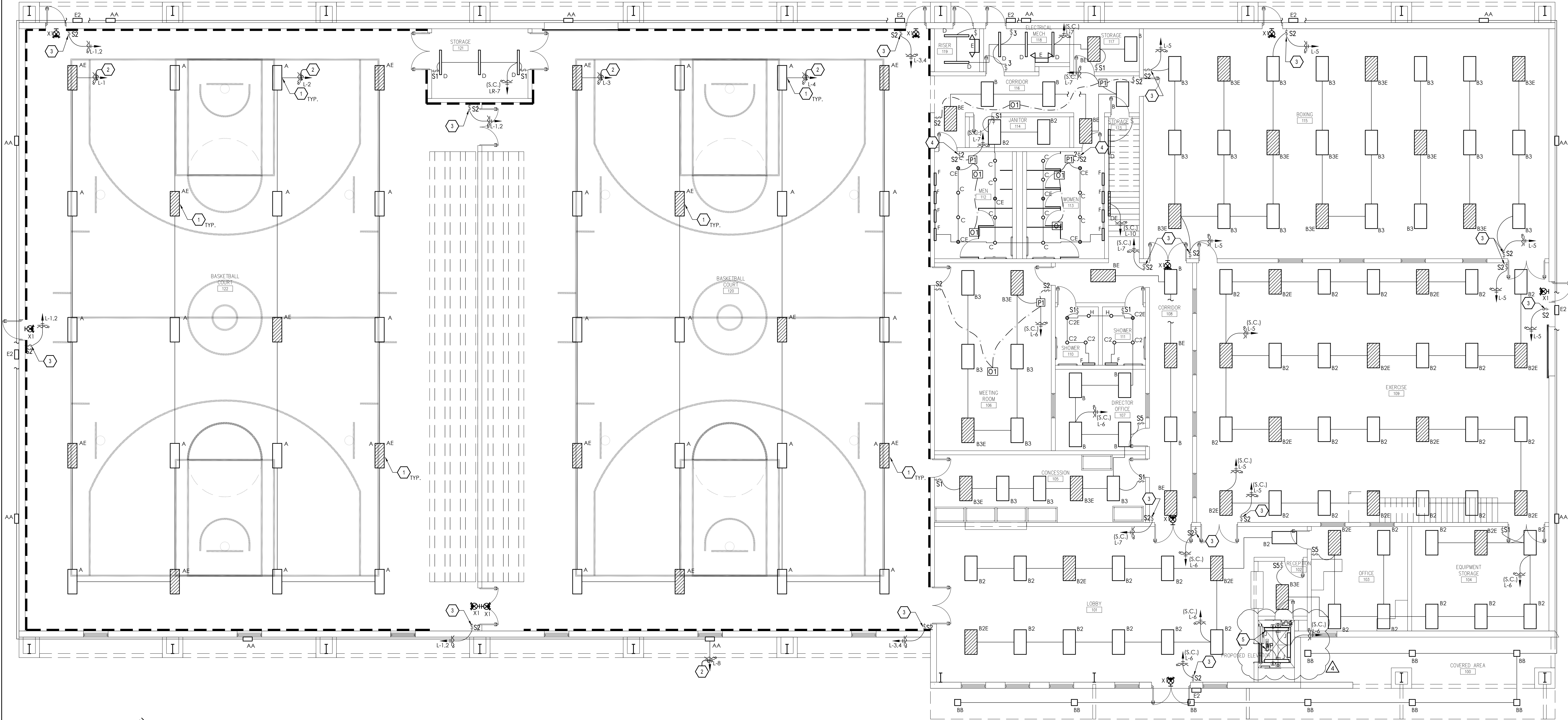
- A. ALL EXIT FIXTURES/EMERGENCY BATTERY PACK LIGHT FIXTURE SHALL BE CONNECTED TO UNSWITCHED OR NON-DIMMING HOT LEG OF SAME VOLTAGE/PHASE OF LOCAL LIGHTING CIRCUIT IN SPACE.
- B. VERIFY CEILING TYPES AND COORDINATE WITH FIXTURE TYPE LIGHT FIXTURE SHALL BE COMPATIBLE WITH CEILING TYPE AS INDICATED ON THE ARCHITECTURAL DOCUMENTS. NOTIFY ENGINEER IF DISCREPANCIES EXIST PRIOR TO ORDERING FIXTURES.
- C. COORDINATE EXACT ROUTING OF ALL CONDUIT ABOVE CEILING IN BUILDING, TYPICAL FOR ALL BUILDING EXTERIOR LIGHTING.
- D. COORDINATE LOCATION OF LIGHTS WITH DIFFUSERS AND GRILLES.
- E. SWITCH LEGS ARE NOT SHOWN WHERE SWITCHING SCHEME IS OBVIOUS.
- F. CONTRACTOR SHALL REFER TO EQUIPMENT SUBMITTAL FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO COMMENCING ANY WORK.

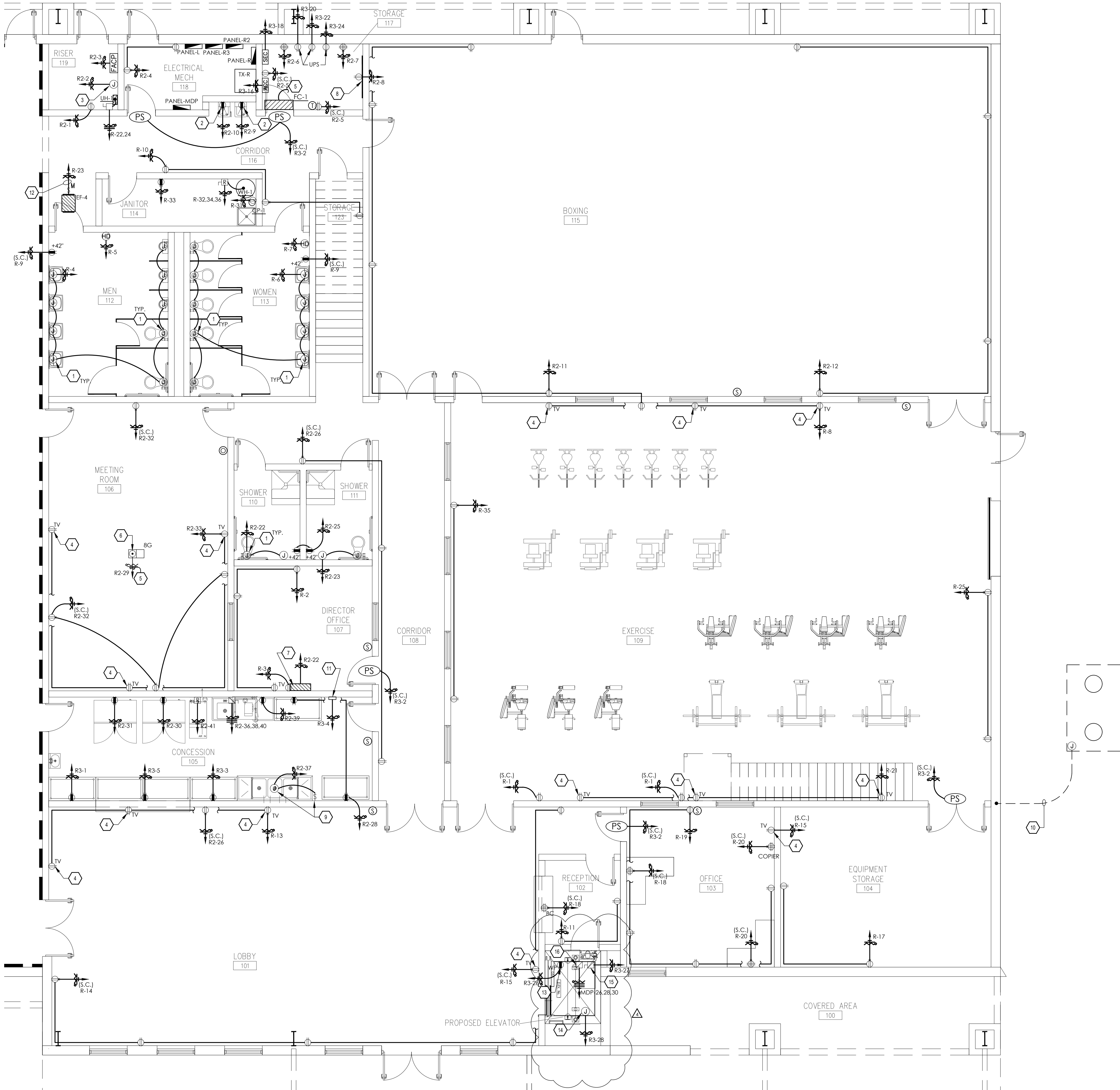
KEYED NOTES: LIGHTING

- 1 PROVIDE ADDITIONAL STRUCTURAL SUPPORT FOR NEW LIGHT.
- 2 VIA LIGHTING CONTROL PANEL "LCP1".
- 3 PROVIDE DIGITAL SWITCH FOR LIGHTING RELAY PANEL "LCP1". PROGRAM SWITCH WITH TIME FUNCTIONS PER OWNER DIRECTIONS. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ANY WORK.
- 4 PROVIDE A 120V, 20AMPS, 2-POLE SWITCH, REFER TO DETAIL 10 SHEET E002.
- 5 LIGHTS AND SWITCH LOCATED IN PIT AREA. PRIOR TO COMMENCING ANY ROUGH-INS CONSULT WITH ELEVATOR MANUFACTURE FOR EXACT LOCATION.

APPLICABLE CODES

2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL PLUMBING CODE
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2015 INTERNATIONAL FUEL GAS CODE
2015 INTERNATIONAL RESIDENTIAL CODE
2015 INTERNATIONAL SWIMMING POOL AND SPA CODE





PLAN NORTH
A ELECTRICAL POWER FLOOR PLAN
SCALE : 3/16" = 1'-0"

APPLICABLE CODES

2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL PLUMBING CODE
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2015 INTERNATIONAL FUEL GAS CODE
2015 INTERNATIONAL RESIDENTIAL CODE
2015 INTERNATIONAL SWIMMING POOL AND SPA CODE

GENERAL NOTES: POWER

- COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF ALL POWER SOURCE WIRING IN ACCORDANCE WITH ARCHITECTURAL MILLWORK.
- ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTION TO H.V.A.C. EQUIPMENT, PLUMBING EQUIPMENT, REFER TO PANEL SCHEDULE FOR WIRE SIZE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE STARTERS, RELAYS, CONTACTORS AND THE REQUIRED ELECTRICAL ACCESSORIES FOR MECHANICAL SYSTEM AS REQUIRED.
- COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT IN ACCORDANCE W/MECHANICAL DRAWINGS TO MEET ELECTRICAL AND MECHANICAL REQUIRED CLEARANCE BY THE LATEST CODE.
- COORDINATE EXACT LOCATION OF ISOLATED OUTLETS FOR COMPUTERS WITH OWNER.
- ELECTRICAL CONTRACTOR SHALL PROVIDE J-BOX AND CONDUIT FOR H.V.A.C. CONTROLS AND THERMOSTATS. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- NEMA RATED OUTLETS, REFER TO BREAKER SIZE AND COORDINATE WITH EQUIPMENT REQUIREMENTS PRIOR TO BID.
- CONTRACTOR SHALL REFER TO EQUIPMENT SUBMITTAL FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO COMMENCING ANY WORK.

KEYED NOTES: POWER

- PROVIDE J-BOX FOR PLUMBING SENSOR, COORDINATE EXACT LOCATION PRIOR TO ANY ROUGH-IN.
- COORDINATE EXACT LOCATION WITH PLUMBER TO CONCEAL CORD BEHIND ELECTRIC DRINKING FOUNTAIN PRIOR TO ANY ROUGH-IN.
- PROVIDE J-BOX FOR FIRE SPRINKLER SYSTEM, COORDINATE EXACT LOCATION AND REQUIREMENTS PRIOR TO ANY WORK.
- COORDINATE TV MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO ANY WORK.
- ROUTE THROUGH NEAREST FULL WALL. ALL CONDUIT MUST BE CONCEALED. COORDINATE WITH CONTRACTOR PRIOR TO COMMENCING ANY WORK.
- COORDINATE EXACT LOCATION OF FLOOR BOX WITH OWNER/ARCHITECT PRIOR TO ANY WORK.
- HVAC CONTROLLER ENCLOSURE
- 3/4"X8HX2W PLYWOOD TELEPHONE BOARD FINISHED ONE SIDE. PROVIDE GROUND BAR AND TIE INTO ELECTRICAL GROUNDING SYSTEM VIA WIRE #4.
- SWITCH AND RECEPTACLE FOR GARBAGE DISPOSAL. COORDINATE EXACT LOCATION PRIOR TO COMMENCING ANY WORK.
- PROVIDE 1" C WITH PULLSTRING FOR GREASE TRAP SENSOR AND ROUTE TO GREASE TRAP ALERT PANEL. COORDINATE EXACT LOCATION OF STUB UPS PRIOR TO ANY WORK.
- GREASE TRAP SERVICE ALERT PANEL. COORDINATE EXACT LOCATION PRIOR TO ANY WORK.
- PROVIDE A ROOM CONTROLLER EQUAL LEVITON DRC LINE VOLTAGE ROOM CONTROLLER, 120V 20AMP, TO CONTROL THE EQUIPMENT SEQUENCE OPERATION VIA THE LIGHTING CONTROL PANEL.
- WEATHER PROOF RECEPTACLE IN ELEVATOR PIT AREA. PRIOR TO COMMENCING ANY ROUGH-INS CONSULT WITH ELEVATOR MANUFACTURER FOR EXACT LOCATION.
- J-BOX/RECEPTACLE FOR SUMP PUMP, CONSULT WITH ELEVATOR MANUFACTURER AND PLUMBING CONTRACTOR FOR SUMP PUMP LOCATION PRIOR TO COMMENCING ANY ROUGH-INS.
- MAIN DISCONNECT FOR ELEVATOR CAB, ELECTRICAL CONTRACTOR TO COORDINATE EXACT LOCATION AND ALL REQUIRED ELECTRICAL CONNECTIONS WITH ELEVATOR MANUFACTURER PRIOR TO COMMENCING ANY WORK.
- MAIN DISCONNECT FOR ELEVATOR, ELECTRICAL CONTRACTOR TO COORDINATE EXACT LOCATION AND ALL REQUIRED ELECTRICAL CONNECTIONS WITH ELEVATOR MANUFACTURER PRIOR TO COMMENCING ANY WORK.

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Project number: 24.2.41



Hidalgo Co Precinct 1
Health and Wellness Center
Weslaco, Texas

ADDENDUM	09/06/24
ADDENDUM	09/12/24
REVISION#1	11/12/24
REVISION#2	03/28/25
ISSUES AND REVISIONS	

ELECTRICAL POWER

FLOOR PLAN

TITLE

03/28/25

ISSUE DATE

JOB NUMBER

DRAWN BY

CHECKED BY

SHEET NUMBER

EP02

PANEL-MDP -NEW	AMP 800	LUGS MLO	NEMA 1	V(LL) 480		(P) 3	(W) 4		V(LL) 277	MNT SUR.	KAIC 25	FDR 1-RUN 4#600KCMIL, 1#1/0G, 4"		
LOAD SERVED	CKT #	LOAD KVA	BKR SIZE	POLE	FEEDER/BRANCH CIRCUIT SIZE	A	B	C	FEEDER/BRANCH CIRCUIT SIZE	POLE	BKR SIZE	LOAD KVA	LOAD #	LOAD SERVED
RTU-1	1	13.3	50	3	4#6, 1#10G, 1"C	*			4#8, 1#10G, 3/4"C	3	35	9.7	2	RTU-2
"	3	13.3			-	*	*		-			9.7	4	"
"	5	13.3			-		*	*	-			9.7	6	"
RTU-3	7	9.7	35	3	4#8, 1#10G, 3/4"C	*			4#10, 1#10G, 3/4"C	3	25	6.93	8	RTU-4
"	9	9.7			-	*	*		-			6.93	10	"
"	11	9.7			-		*	*	-			6.93	12	"
RTU-5	13	27.7	110	3	4#2, 1#6G, 2"C	*			4#2, 1#6G, 2"C	3	110	27.7	14	RTU-6
"	15	27.7			-	*			-			27.7	16	"
"	17	27.7			-		*	*	-			27.7	18	"
AHU-1	19	7.48	30	3	4#10, 1#10G, 3/4"C	*			4#12, 1#12G, 1/2"C	3	20	4.4	20	CU-1
"	21	7.48			-	*	*		-			4.4	22	"
"	23	7.48			-		*	*	-			4.4	24	"
SPACE	25				-	*			4#6, 1#10G, 1"C	3	60	16.62	26	2) ELEVATOR
SPACE	27				-	*	*		-			16.62	28	"
SPACE	29				-		*	*	-			16.62	30	"
PANEL-R	31	41	250	3	4#250KCMIL, 1#4G, 3"C	*			-				32	SPACE
VIA TX-R	33	46			-	*			-				34	SPACE
"	35	42			-		*	*	-				36	SPACE
1.) S.P.D.	37		30	3	4#10, 1#10G, 3/4"C	*			4#2, 1#8G, 2"C	3	100	9	38	PANEL-L
"	39				-	*			-			8	40	"
"	41				-		*	*	-			6	42	"
LOADS	-	(KVA)				174	177	171	(KVA)	-	DESCRIPTIVE LOADS			
CONNECTED LOAD	-	509							0	-	LIGHTING			
RESERVE	0	0							50	-	RECEPTACLES			
TOTAL LOAD	-	509							0	-	COOLING			
									308	-	HEATING			
TOTAL AMPS	-	612							151	-	OTHER			

NOTES:
1) SURGE PROTECTION DEVICE, 120KA INTEGRAL DEVICE WITH SEPARATE DISCONNECT MEANS
2) SHUNT TRIP BREAKER, INTERLOCK WITH FIRE ALARM SYSTEM. VERIFY ELECTRICAL REQUIREMENTS WITH ELEVATOR MANUFACTURE.
3)

PANEL-L NEW	AMP 100	LUGS MLO	NEMA 1	V(LL) 480		(P) 3	(W) 4		V(LN) 277	MNT SUR.	KAIC 10	FDR 1-RUN 4#2, 1#8G, 2"C		
LOAD SERVED	CKT #	LOAD KVA	BKR SIZE	POLE	FEEDER/BRANCH CIRCUIT SIZE	A	B	C	FEEDER/BRANCH CIRCUIT SIZE	POLE	BKR SIZE	LOAD KVA	CKT #	LOAD SERVED
LIGHTING	1	2.7	20	1	2#12, 1#12G, 1/2"C	*			2#12, 1#12G, 1/2"C	1	20	2.7	2	LIGHTING
LIGHTING	3	2.7	20	1	2#12, 1#12G, 1/2"C	*	*		2#12, 1#12G, 1/2"C	1	20	2.7	4	LIGHTING
LIGHTING	5	2.4	20	1	2#12, 1#12G, 1/2"C		*	*	2#12, 1#12G, 1/2"C	1	20	1.9	6	LIGHTING
LIGHTING	7	1	20	1	2#12, 1#12G, 1/2"C	*			2#12, 1#12G, 1/2"C	1	20	0.9	8	EXTERIOR LIGHTING
LIGHTING	9	1	20	1	2#10, 1#10G, 3/4"C	*	*		2#12, 1#12G, 1/2"C	1	20	1	10	LIGHTING
LIGHTING	11	0.2	20	1	2#12, 1#12G, 1/2"C	*	*		2#12, 1#12G, 1/2"C	1	20	1	12	SCOREBOARD
EXTERIOR LIGHTING	13	1.1	20	1	2#10, 1#10G, 3/4"C	*			2#12, 1#12G, 1/2"C	1	20	1	14	SCOREBOARD
EXTERIOR LIGHTING	15	0.3	20	1	2#12, 1#12G, 1/2"C	*	*		-				16	SPACE
SPACE	17				-		*	*	-				18	SPACE
SPACE	19				-	*	*		-				20	SPACE
SPACE	21				-	*	*		-				22	SPACE
SPACE	23				-	*	*		-				24	SPACE
SPACE	25				-	*	*		-				26	SPACE
SPACE	27				-	*	*		-				28	SPACE
SPACE	29				-	*	*		-				30	SPACE
SPACE	31				-	*	*		-				32	SPACE
SPACE	33				-	*	*		-				34	SPACE
SPACE	35				-	*	*		-				36	SPACE
SPACE	37				-	*	*		-				38	SPACE
SPACE	39				-	*	*		-				40	SPACE
SPACE	41				-	*	*		-				42	SPACE
LOADS	-	(KVA)				9	8	6			(KVA)	-	DESCRIPTIVE LOADS	
CONNECTED LOAD	-	23				KVA/PHASE					23	-	LIGHTING	
RESERVE	0	0									0	-	RECEPTACLES	
TOTAL LOAD	-	23									0	-	COOLING	
											0	-	HEATING	
TOTAL AMPS	-	27									0	-	OTHER	
NOTES: 1) 2) 3)														

LIGHTING CONTROL SENSORS LEGEND

SYMBOL	ACUITY MODEL NUMBER	CONDUIT	COMMENTS
	NCM-PDT-10	3/4"C	PROVIDE POWER PACK POSITIONED AS DIRECTED BY MANUFACTURER. REFER TO PLANS FOR TYPE OF POWER PACK. REFER TO PLANS AND SCHEDULES FOR SWITCHING TYPES.
	WSXAMWO-PDT-WH	3/4"C	3-WAY APPLICATIONS NO DIMMING, AUTOMATIC ON RESTROOMS USE
	nPODM-..._WH	3/4"C	WALL MOUNT SWITCH WITH ON/OFF WITH STAINLESS STEEL PLATE
	nPODM-..._DX_-WH	3/4"C	WALL MOUNT SWITCH WITH ON/OFF WITH RAISE /LOWER FUNCTION AND WITH STAINLESS STEEL PLATE
	nPODM-4P-DX_-WH	3/4"C	WALL MOUNT SWITCH WITH ON/OFF WITH RAISE /LOWER FUNCTION AND WITH STAINLESS STEEL PLATE
	WSXAMWO-PDT-D-VA-WH	3/4"C	3-WAY APPLICATIONS WITH DIMMING, WITH VACANCY OFFICE USE
	nPP16	3/4"C	POWER PACK, 120,240,277, VAC, 16AMPS/POLE, PLENUM RATED, RELAY CONTACT PROTECTION, RJ-45 PORT
	nPP16 D	3/4"C	POWER PACK, 120,240,277, VAC, 16AMPS/POLE, 0-10VDC DIMMING, PLENUM RATED, RELAY CONTACT PROTECTION, RJ-45 PORT

- GENERAL NOTES:
A. CONTRACTOR SHALL REFER TO MANUFACTURERS INSTRUCTIONS AND WIRING DIAGRAMS PRIOR TO BID DATE.
B. CONTRACTOR SHALL INCLUDE ALL COST IN BID FOR AN OPERABLE LIGHTING SYSTEM.
- NOTES:
- All sensor locations are approximate, refer to manufacturers installation instructions prior to installation.
 - Ultrasonic ceiling mount sensors should be located a minimum of six feet from HVAC supply/return vents.
 - Contractor is responsible for proper sensitivity & time delay settings (for non-adaptive products) recommended placement, and field verification of circuits with in respect to power placement.
 - Contractor is responsible for field verification of required number of power packs:
 - One power pack is required for each circuit to be controlled.
 - One power pack is required for every three sensors in the zone.
 - If multiple circuits are to be controlled by a sensor, an auxiliary relay can be used in conjunction with the power pack.
 - The maximum number of sensors that can be put on a power pack is to be reduced by one for each slave pack used.
 - Sensors mounted over the door must be placed one foot inside the threshold.
 - Contractor is responsible for ensuring that the sensor bill of materials complies with the sensor design and layout specifications.
 - Contractor is responsible for installing equipment in compliance with local code.
 - Refer to manufacturers wiring diagrams.
 - NOTE: Contractor shall include all cost for a manufacturer certified technician to provide a complete training session to owner representatives. Training shall include but not limited to the following: calibrate sensors settings, programming existing conditions and how to add new circuits, trouble shooting, overview of panel and any request from owner. Training may take days; contractor/manufacturer shall include all cost in bid. Contractor shall notify owner/Architect/Engineer on the day for the training. Technician shall calibrate all sensors to owners desire, include cost for technician to provide service after the job is complete.

PANEL-R -NEW	AMP 400	LUGS MB	NEMA 1	V(LL) 208		(P) 3	(W) 4		V(LL) 120	MNT SUR.	KAIC 25	FDR 1-RUN 4#600KCMIL, 1#3G, 4"C		
LOAD SERVED	CKT #	LOAD KVA	BKR SIZE	POLE	FEEDER/BRANCH CIRCUIT SIZE	A	B	C	FEEDER/BRANCH CIRCUIT SIZE	POLE	BKR SIZE	LOAD KVA	CKT #	LOAD SERVED
2 RCPTS	1	0.4	20	1	2#12, 1#12G, 1/2"C	*			2#12, 1#12G, 1/2"C	1	20	0.6	2	3 RCPTS
TV	3	0.4	20	1	2#12, 1#12G, 1/2"C	*	*		2#12, 1#12G, 1/2"C	1	20	1.2	4	J-BOX
HAND DRYER	5	1.2	20	1	2#12, 1#12G, 1/2"C	*	*		2#12, 1#12G, 1/2"C	1	20	1.2	6	J-BOX
HAND DRYER	7	1.2	20	1	2#12, 1#12G, 1/2"C	*			2#12, 1#12G, 1/2"C	1	20	1.2	8	3 TV
1 RCPTS	9	0.4	20	1	2#12, 1#12G, 1/2"C	*	*		2#12, 1#12G, 1/2"C	1	20	0.6	10	3 RCPTS
2 RCPTS	11	0.4	20	1	2#10, 1#10G, 3/4"C	*	*		2#12, 1#12G, 1/2"C	1	20	0.4	12	2 RCPTS
3 TV	13	1.2	20	1	2#10, 1#10G, 3/4"C	*	*		2#10, 1#10G, 3/4"C	1	20	1.2	14	5 RCPTS
2 TV	15	0.8	20	1	2#10, 1#10G, 3/4"C	*	*		2#10, 1#10G, 3/4"C	1	20	1.2	16	J-BOX
2 RCPTS	17	0.4	20	1	2#10, 1#10G, 3/4"C	*	*		2#10, 1#10G, 3/4"C	1	20	0.8	18	2 QUAD
4 RCPTS	19	0.8	20	1	2#10, 1#10G, 3/4"C	*			2#10, 1#10G, 3/4"C	1	20	0.8	20	2 QUAD
3 TV	21	1.2	20	1	2#10, 1#10G, 3/4"C	*	*		3#12, 1#12G, 1/2"C	2	20	1	22	UH-1
EF-4	23	0.7	20	1	2#12, 1#12G, 1/2"C	*	*		-			1	24	-
2 RCPTS	25	0.4	20	1	2#12, 1#12G, 1/2"C	*			3#6, 1#10G, 1"C	2	60	3.6	26	CU-2
AHU-2	27	7.59	80	2	3#4, 1#8G, 1 1/2"C	*	*		-			3.6	28	-
-	29	7.59			-	*	*		2#12, 1#12G, 1/2"C	1	20	1.4	30	MOTORIZED DAMPER
CP-1	31	1	20	1	2#12, 1#12G, 1/2"C	*	*		4#6, 1#10G, 1"C	3	45	4.03	32	WH-1
1 RCPT	33	0.2	20	1	2#12, 1#12G, 1/2"C	*	*		-			4.03	34	-
2 RCPTS	35	0.4	20	1	2#12, 1#12G, 1/2"C	*	*		-			4.03	36	-
PANEL-R2	37	13	125	3	4#1, 1#6G, 2"C	*			4#4/0, 1#6G, 3"C	3	200	13	38	PANEL-R3
-	39	13			-	*	*		-			10	40	-
-	41	14			-		*	*	-			11	42	-
LOADS	-	(KVA)				43	46	45	(KVA)	-	DESCRIPTIVE LOADS			
CONNECTED LOAD	-	126							0	-	LIGHTING			
RESERVE	0	0							21	-	RECEPTACLES			
TOTAL LOAD	-	126							12	-	COOLING			
									18	-	HEATING			
TOTAL AMPS	-	349							75	-	OTHER			
NOTES: 1) 2) 3)														

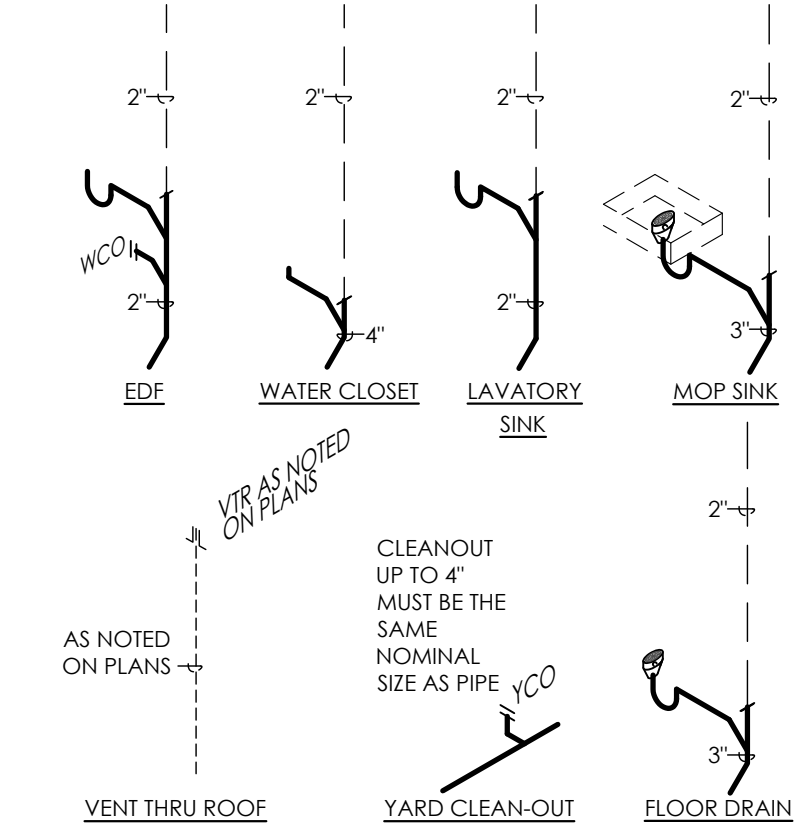
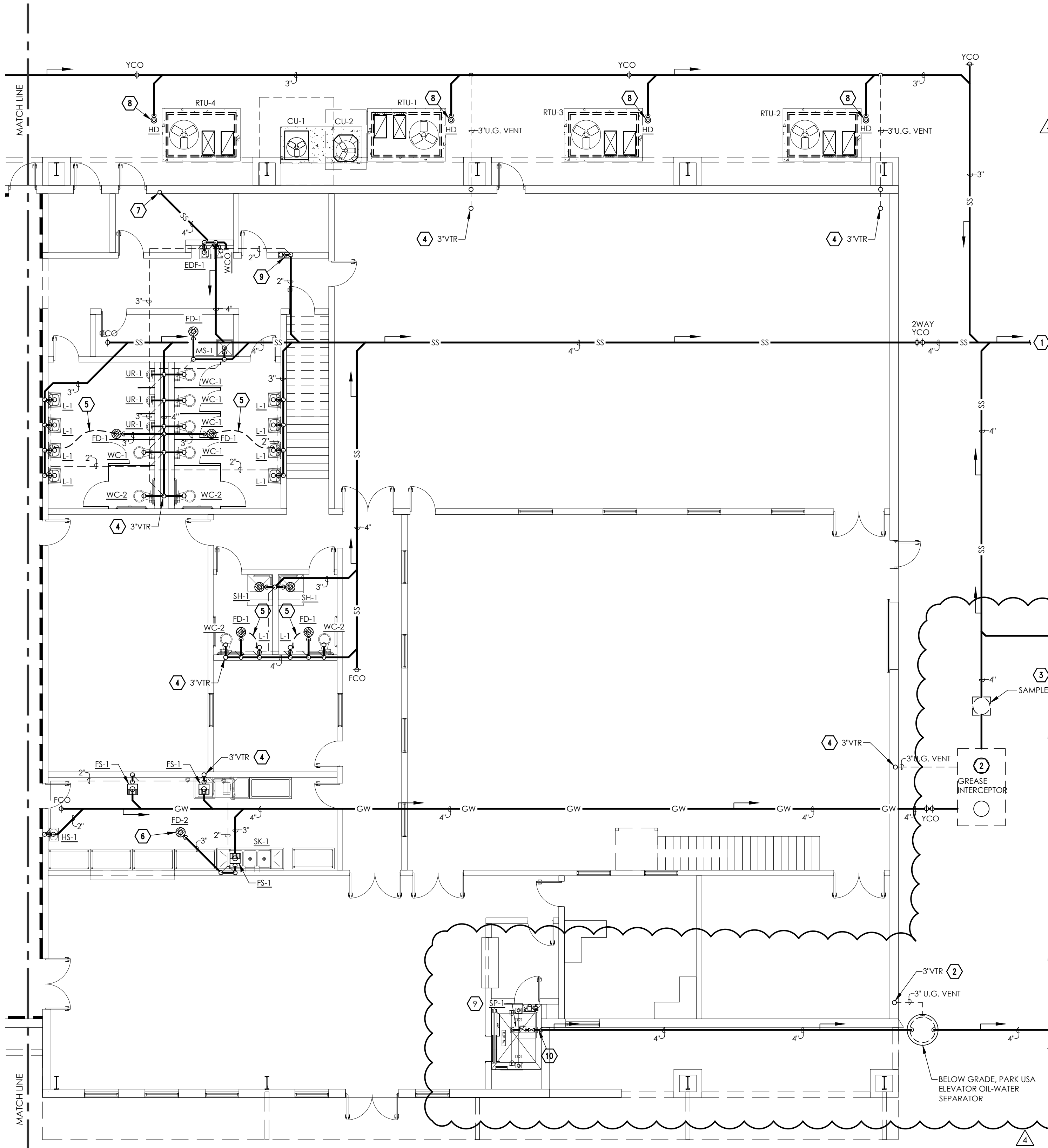
PANEL-R2 -NEW	AMP 125	LUGS MLO	NEMA 1	V(LL) 208		(P) 3	(W) 4		V(LN) 120	MNT SUR.	KAIC 10	FDR 1-RUN 4#1, 1#6G, 2" C		
LOAD SERVED	CKT #	LOAD KVA	BKR SIZE	POLE	FEEDER/BRANCH CIRCUIT SIZE	A	B	C	FEEDER/BRANCH CIRCUIT SIZE	POLE	BKR SIZE	LOAD KVA	CKT #	LOAD SERVED
1 RCPT	1	0.2	20	1	2#12, 1#12G, 1/2" C	*			2#12, 1#12G, 1/2" C	1	20	0.7	2	FIRE SPRINKLER
FACP	3	0.7	20	1	2#12, 1#12G, 1/2" C	*	*		2#12, 1#12G, 1/2" C	1	20	0.4	4	2 RCPTS
2 RCPTS	5	0.4	20	1	2#10, 1#10G, 3/4" C	*	*		2#12, 1#12G, 1/2" C	1	20	0.4	6	1 QUAD
1 QUAD	7	0.4	20	1	2#12, 1#12G, 1/2" C	*	*		2#12, 1#12G, 1/2" C	1	20	1.2	8	TELEBOARD
1J.E.D.F.	9	1.2	20	1	2#10, 1#10G, 3/4" C	*	*		2#12, 1#12G, 1/2" C	1	20	1.2	10	1J.E.D.F.
5 RCPTS	11	1	20	1	2#12, 1#12G, 1/2" C	*	*		2#12, 1#12G, 1/2" C	1	20	0.8	12	4 RCPTS
SPACE	13				-	*	*		2#12, 1#12G, 1/2" C	1	20	1.5	14	1 RCPT
2 QUAD	15	0.8	20	1	2#12, 1#12G, 1/2" C	*	*		2#10, 1#10G, 3/4" C	1	20	0.6	16	3 RCPTS
3 QUAD	17	1.2	20	1	2#8, 1#10G, 3/4" C	*	*		2#8, 1#10G, 3/4" C	1	20	1.2	18	3 QUAD
2 QUAD	19	0.8	20	1	2#8, 1#10G, 3/4" C	*	*		2#6, 1#10G, 1" C	1	20	0.6	20	3 RCPTS
2 RCPTS	21	0.4	20	1	2#10, 1#10G, 3/4" C	*	*		2#12, 1#12G, 1/2" C	1	20	1.2	22	J-BOX
J-BOX	23	1.2	20	1	2#12, 1#12G, 1/2" C	*	*		-				24	SPACE
2 RCPTS	25	0.4	20	1	2#12, 1#12G, 1/2" C	*	*		2#12, 1#12G, 1/2" C	1	20	0.8	26	4 RCPTS
SPACE	27				-	*	*		2#10, 1#10G, 3/4" C	1	20	0.4	28	2 RCPTS
1 QUAD	29	0.4	20	1	2#10, 1#10G, 3/4" C	*	*		2#12, 1#12G, 1/2" C	1	20	1.2	30	REF
REF	31	1.2	20	1	2#12, 1#12G, 1/2" C	*	*		2#12, 1#12G, 1/2" C	1	20	0.8	32	4 RCPTS
3 TV	33	1.2	20	1	2#12, 1#12G, 1/2" C	*	*		2#8, 1#10G, 3/4" C	1	20	0.6	34	3 RCPTS
3 RCPTS	35	0.6	20	1	2#10, 1#10G, 3/4" C	*	*		4#10, 1#10G, 3/4" C	3	30	3.12	36	DISHWASHER
GARBAGE DISPOSAL	37	1.2	20	1	2#10, 1#10G, 3/4" C	*	*		-			3.12	38	-
1 RCPTS	39	1.2	20	1	2#10, 1#10G, 3/4" C	*	*		-			3.12	40	-
ICE MAKER	41	1.2	20	1	2#10, 1#10G, 3/4" C		*		2#12, 1#12G, 1/2" C	1	20	1.5	42	1 RCPTS
LOADS CONNECTED LOAD RESERVE TOTAL LOAD	- 40 0 40	(KVA) - 0 40				13	13	14 KVA/PHASE			(KVA) 0 40 0 0	- DESCRIPTIVE LOADS LIGHTING RECEPTACLES COOLING HEATING OTHER		
TOTAL AMPS	-	111												
NOTES: 1) 2) 3)														

GENERAL NOTES: PLUMBING

1. WHEN NOT SHOWN ON PLANS, INDIVIDUAL FIXTURE CONNECTIONS SHALL BE SIZE AS SHOWN ON PLUMBING FIXTURE SCHEDULE.
2. ISOMETRIC DIAGRAMS ARE FOR SIZING PURPOSES ONLY AND SHALL NOT BE USED FOR MATERIAL TAKE-OFFS, OR BE CONSTRUED TO INDICATE ACTUAL SITE INSTALLATION. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF PIPING, DEVICES AND EQUIPMENT WITH BUILDING ELEMENTS AND THE WORK OF OTHER TRADES.
3. DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF PIPING, DEVICES AND EQUIPMENT WITH BUILDING ELEMENTS AND THE WORK OF OTHER TRADES.

KEYED NOTES: PLUMBING

- 1 REFER TO CIVIL SITE PLAN FOR CONTINUATION OF PLUMBING FIVE FEET AWAY FROM BUILDING. PLUMBING CONTRACTOR TO BE RESPONSIBLE FOR COORDINATION, VERIFICATION AND CONNECTION OF ALL UTILITIES TO SITE UTILITY SUB-OUTS. CONTRACTOR SHALL VERIFY LOCATIONS, INVERT SLOPE, ELEVATION, AND DIRECTION OF FLOW WITH CIVIL ENGINEERING DRAWINGS.
- 2 PROVIDE AND INSTALL GREASE INTERCEPTOR EQUAL TO PARK USA GT-1000. REFER TO DETAIL 08/PD02.
- 3 PROVIDE AND INSTALL SAMPLE WELL EQUAL TO PARK USA SWB-154. REFER TO DETAIL 07/PD02.
- 4 KEEP ALL VENT THRU ROOF (VTR) AT LEAST 10 FEET AWAY OR 5 FEET ABOVE FROM ANY FRESH AIR INTAKE COORDINATE LOCATION OF ALL VTRs WITH HVAC CONTRACTOR.
- 5 1/2" COPPER FROM TRAP PRIMER, PROVIDE LAVATORY WITH WATER SAVER TRAP PRIMER EQUAL TO JAY R. SMITH 2698 WATER SAVER TRAP PRIMER - SATIN CHROME. COVER WITH SLEEVE "POLY SLEEVE" OR EQUAL. TYPICAL FOR ALL TRAP-PRIMERS. REFER TO DETAIL 08/PD01.
- 6 COORDINATE EXACT LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS & TRENCH DRAINS WITH KITCHEN EQUIPMENT CONTRACTOR.
- 7 4" WASTES STACK FROM ABOVE.
- 8 PROVIDE INSECT SCREEN ON TOP OF HUB DRAIN TYP. FOR ALL LOCATIONS.
- 9 ParkUSA Elevator® ELEVATOR SUMP PUMP SYSTEM. SUMP PUMP .75hp. COORDINATE ELEVATOR SUMP PIT LOCATION WITH ELEVATOR CONTRACTOR. REFER TO MANUFACTURER'S DETAIL IN SHEET PD03.
- 10 PROVIDE 2" SCH. 80 PVC PIPE TO SERVE THE ELEVATOR SUMP PUMP.



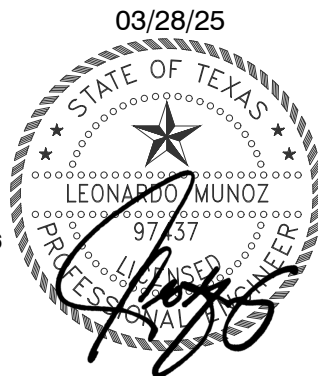
SEWER & VENT
TYPICAL RISER SCHEMATIC
NTS



A PLUMBING SEWER & VENT FLOOR PLAN
SCALE : 1/8" = 1'-0"

TRINITY
MEP ENGINEERING

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Project number: 24.2.41



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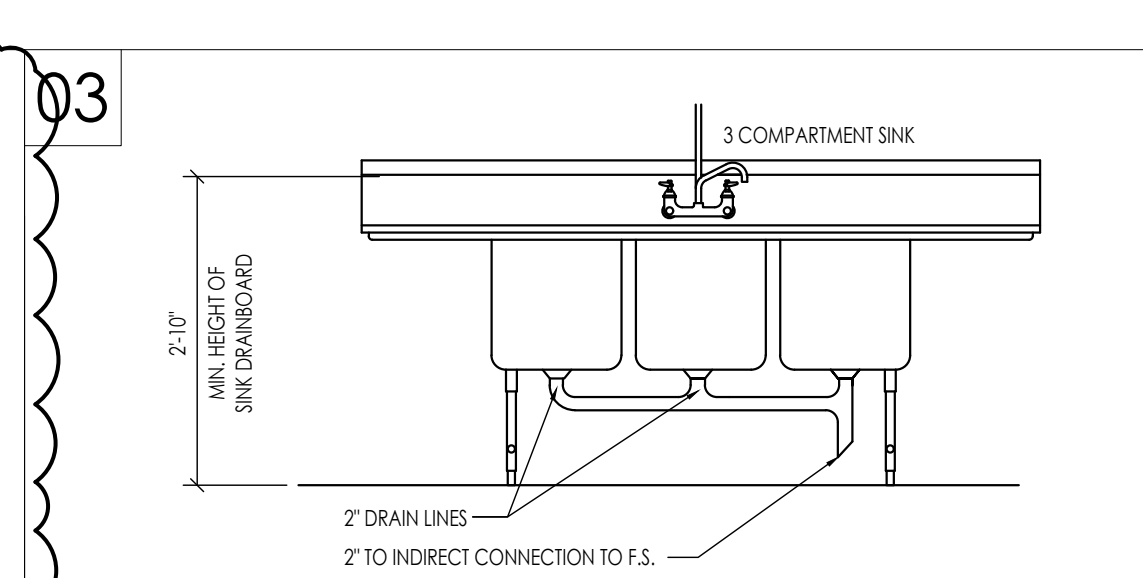
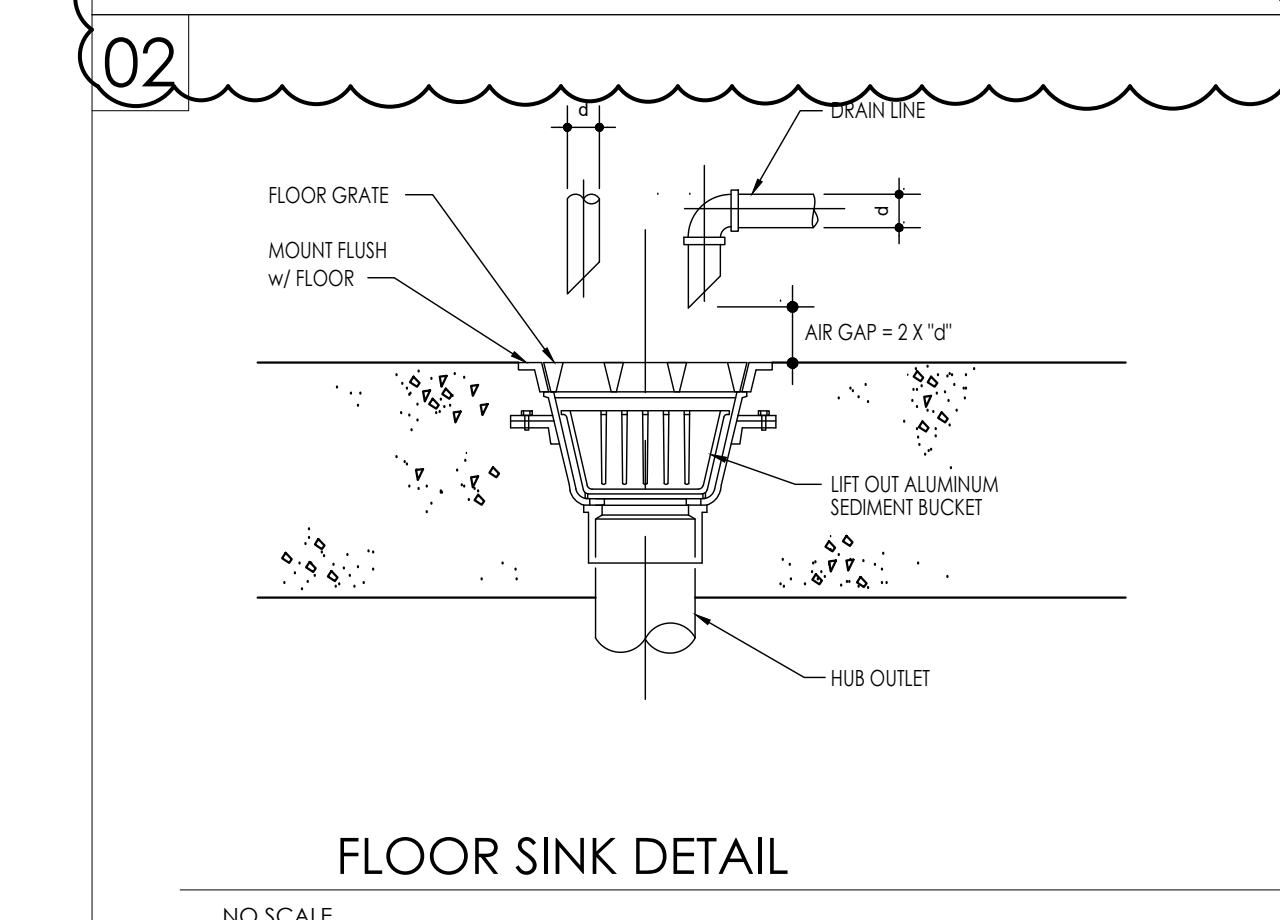
PP01

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900 S. STEWART ROAD, SUITE 4
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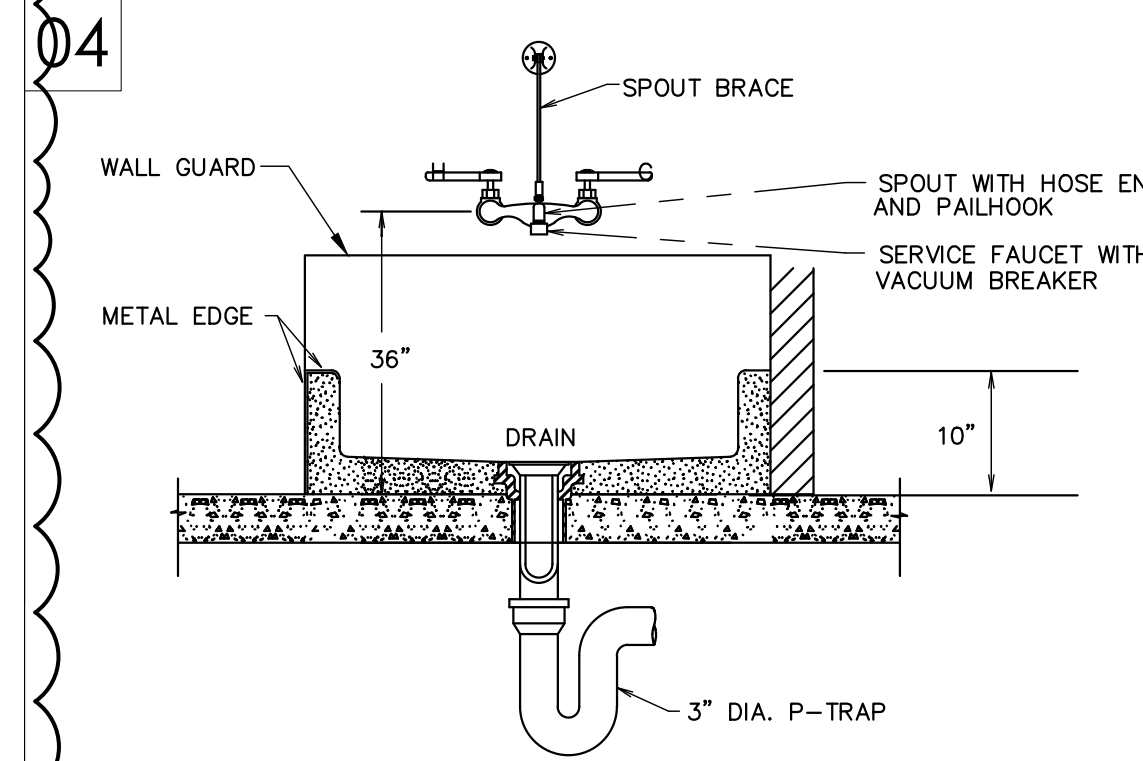


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Weslaco, Texas

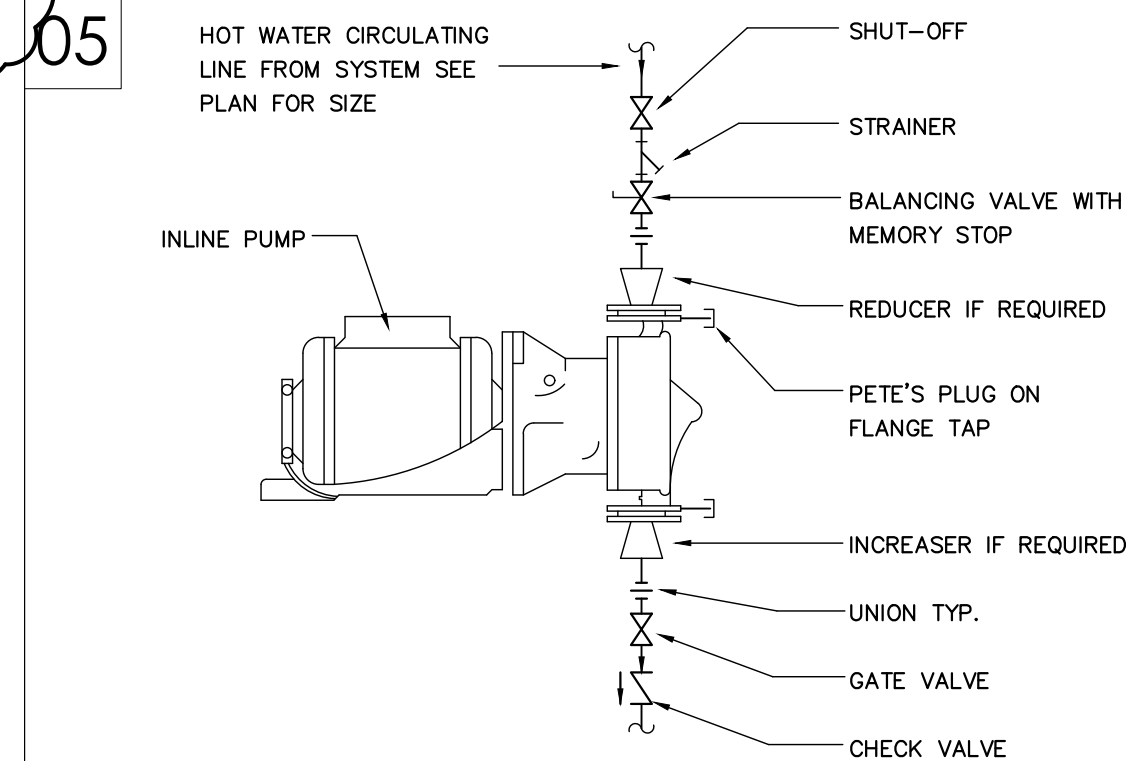
ADDENDUM	09/06/24
ADDENDUM	09/12/24
REVISION#1	11/12/24
REVISION#2	03/28/25
ISSUES AND REVISIONS	



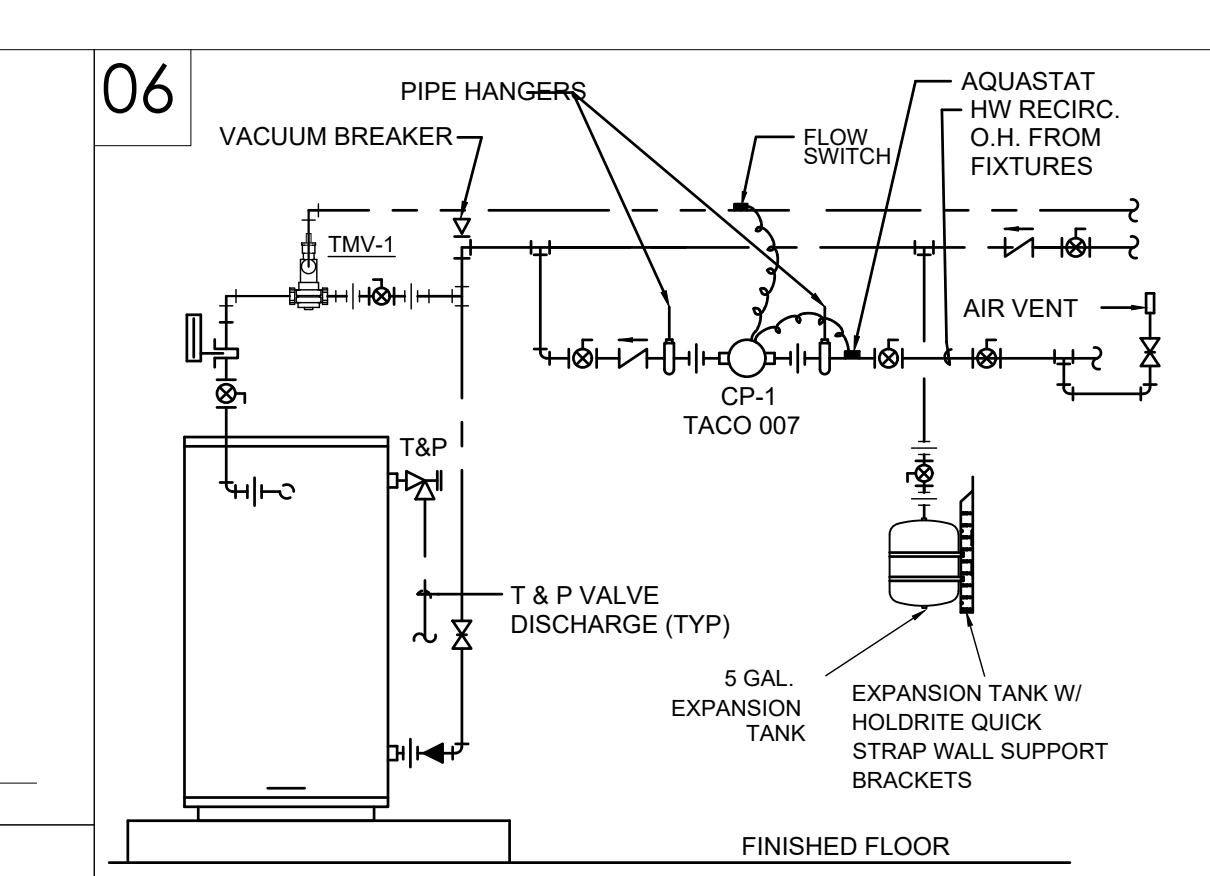
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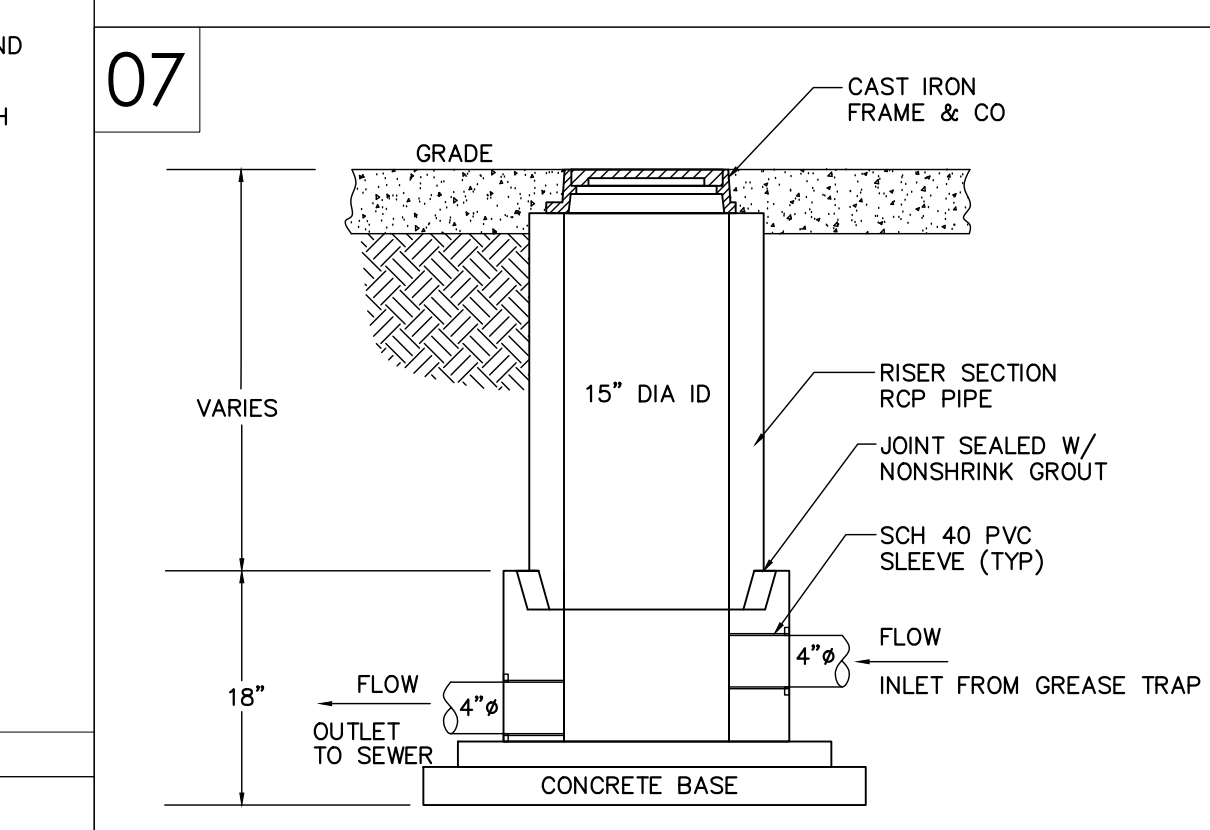
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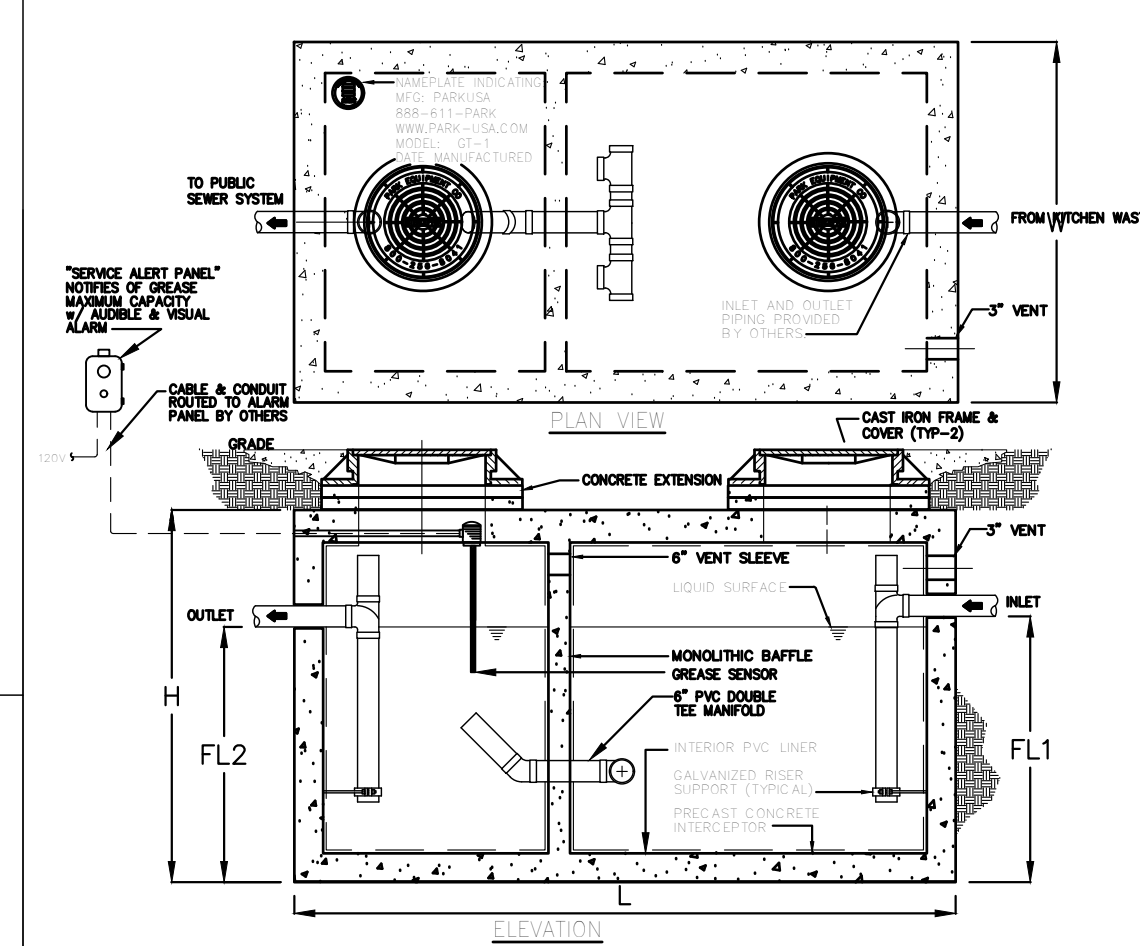


NO SCALE



08

GREASE INTERCEPTOR SCHEDULE								
MODEL NO.	CAPACITY US/GAL	GREASE CAP. (LBS)	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2
GT-1000	1,000	2,300	13,350	8'-8"	5'-0"	6'-0"	4'-9"	4'-6"



NO SCALE



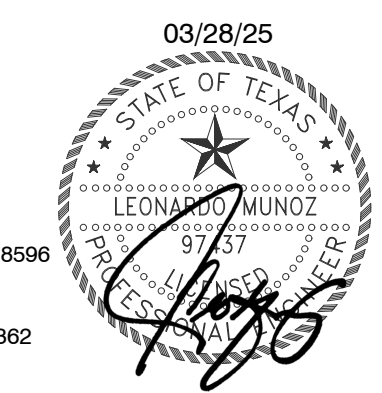
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Weslaco, Texas

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▲	ADDENDUM	09/12/24
▲	REVISION #1	11/12/24
▲	REVISION #2	03/28/25
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PD02



General

The contractor shall furnish and install a ParkUSA EleVader Model ELV-100 complete pump, separator, and control and alarm system as shown on the drawings. Pump(s) shall be provided for each elevator hoistway.

The system shall be capable of pumping all water & fluids automatically from the elevator pit as required by ASME A17.1/CSA B44 Safety Code for Elevators and Escalators, 2007, Section 2.2.2.5. The system shall function automatically to remove water and fluids from the pit automatically without any human intervention. Systems that do not remove all the fluid including oil are not compliant and will not be accepted.

An oil-water separator or equivalent protection shall be used to treat oily wastewater automatically from the elevator pit prior to discharge into the public sanitary sewer as required. Pumping into the storm sewer is not permitted. Systems that do not remove the oil will not be accepted.

Sump Pump

A submersible sump pump is located in the sump area of the elevator (refer to plan drawings). The sump pump shall be as specified on the schedule, heavy duty submersible type, capable of pumping water, water/oil and oil at a minimum capacity of 50 GPM @ 20' TDH, (3000 GPH as per ASME A17.1 Section 2.2.2.5 (2007) and 100 GPM @ 20'TD'H. The pump shall be constructed and tested to meet UL 778 standards and shall include thermal overload protection. Refer to the schedule for capacity and electrical requirements. The pump shall be capable of operating with the water level covering only 50% of the motor casing and shall operate automatically either continuously or intermittently as required by the on-off float switch control. The pump shall have a size 1-1/4" minimum discharge connection. The motor housing and fastening bolts shall be constructed of 304 Stainless Steel and have carbon ceramic seals. The pump shall have a semi-open, non-clogging vortex impeller and shall be designed for floor mounting complete with support legs. A stainless chain shall be provided for easy maintenance.

Oil/Water Separator

The separator is located either freestanding; or recessed on floor near the shaft; or located outdoors buried below grade. Refer to the schedule for capacity and size requirements. The separator unit is rated from 50 to 200 GPM depending on the quantity of elevator shafts to be served, 50 GPM or 3000 GPM as per ASME A17.1 Section 2.2.2.5 (2007). The oil/water separator shall be a pre-engineered enhanced gravity separator capable of treating wastewater discharge free of petroleum hydrocarbons, concentration of less than 100 parts per million. Operating range of the influent is 40° to 180°F and ambient air temperature from 0°F to 140°F. The specific gravity of the oils at these operating temperatures is .70 to .95. The separator shall be designed to withstand static and dynamic hydraulic loadings while empty and during operation. The tank shall be constructed of 454 lb/ft³ minimum ASTM C-913 for tanks, wets, flow distributors, and energy dissipater devices. All internal components shall consist of corrosion resistant materials or be epoxy coated. All welding shall be in accordance with AWS A11.1 to provide watertight vessel that will not warp or deform excessively under load. Manway access cover shall be H-20 traffic duty, bolted and gasketed. The separator shall utilize coalescing media fabricated of calcium carbonate-filled oleophillic polypropylene plastic material and assembled into modules with 304 stainless steel materials. Media assembly shall be self-cleaning and removable.

Control System

The control system shall consist of float sensors and a single control panel (NEMA 4X weatherproof) that is wall mounted near the elevator shaft. The control panel shall be constructed and tested to meet UL508 standards and shall be housed in a weatherproof NEMA 4X electrical enclosure with a wiring terminal strip for field wiring to the J-Box in the hoistway.

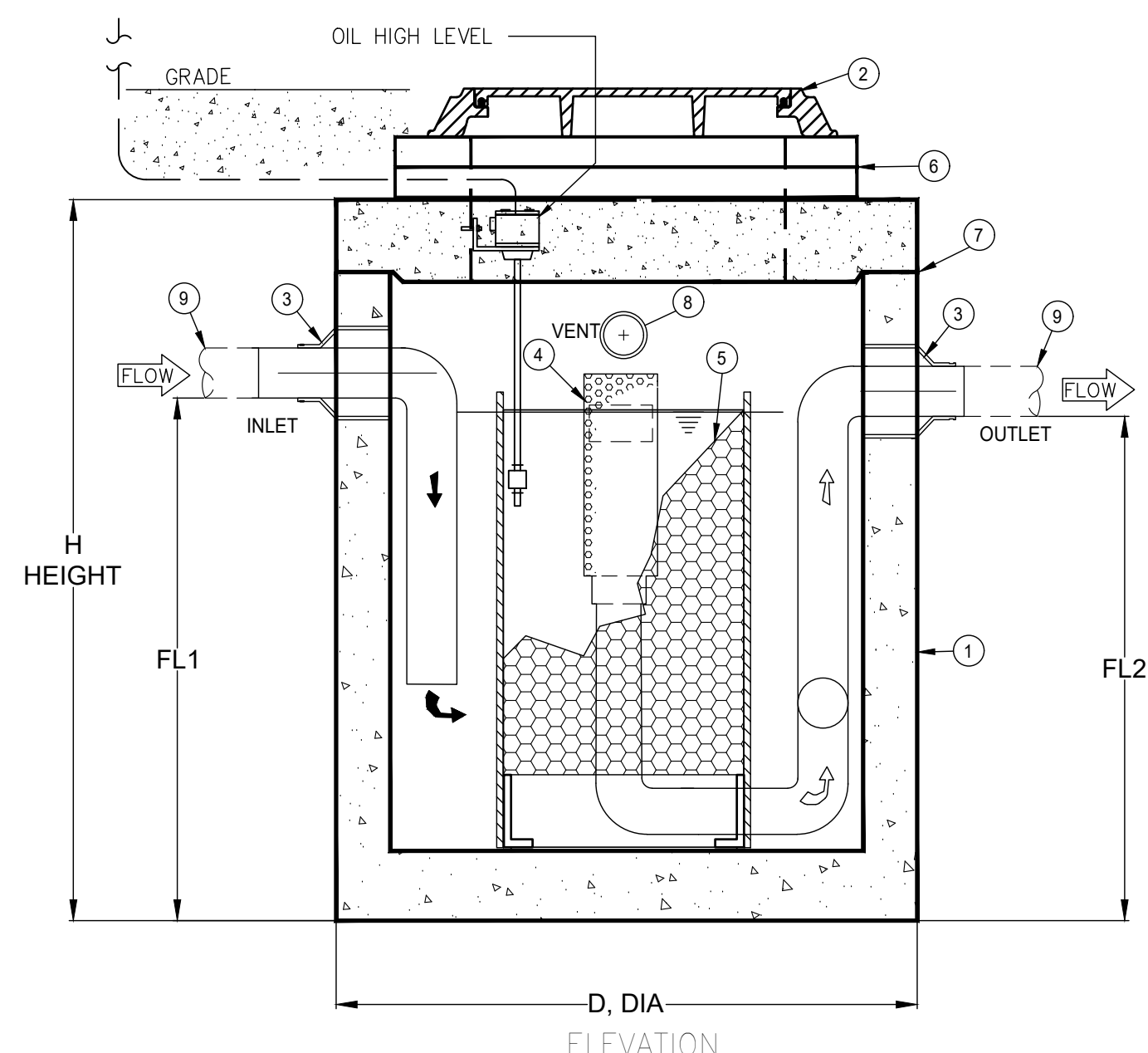
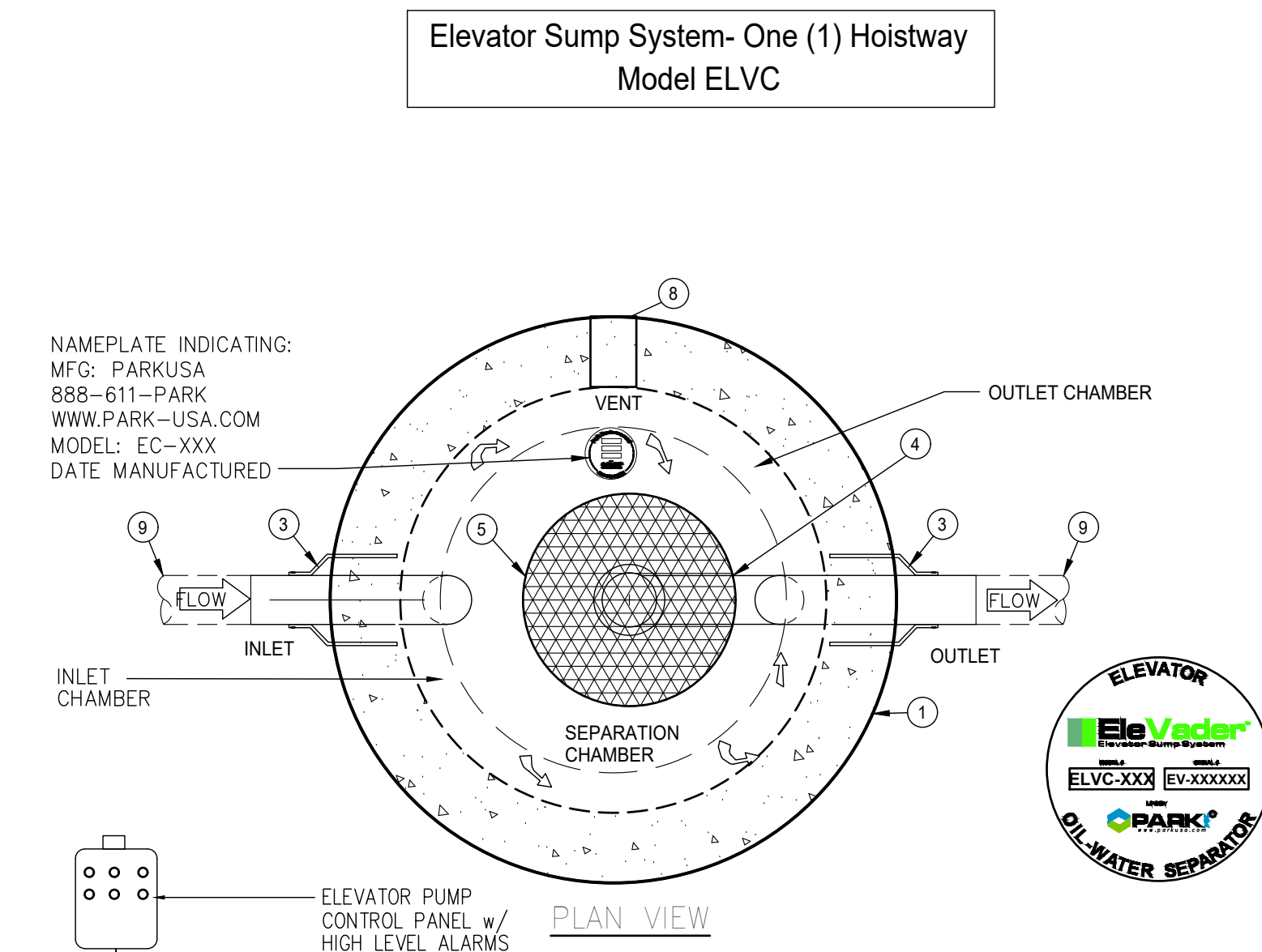
- The control panel shall have the following functions:
- a. Operates the sump pump, "On/Off" depending on shaft water levels. The panel shall have a "Hand-Off-Auto" switch, a "Pump Run" light, and auxiliary contacts for a BAS system.
 - b. Indicates "Sump High Level" of the elevator shaft. In the event of pump malfunction, the panel shall have a "Sump High Level" illuminated red light and high decibel warning horn, a "Silence" switch and auxiliary dry contacts for BAS system.
 - c. Indicates "High Oil Level" of the separator. In the event of a high accumulation of oil in the separator, the panel shall have a "Separator High Level" illuminated red light & high decibel warning horn, a "Silence" switch, and auxiliary dry contacts for BAS system. NOTE: The presence of oil DOES NOT prevent the pump from operating.

The panel also includes a separate over-current relay and field adjustable motor overload having a range of 5 to 15 amps, factory set at 8 amps for this pump application. The control panel shall have a combination manual "Reset/Push" to test switch for motor overload with both automatic, manual reset and control diagnostics. The control system must be factory set for automatic overload restart.

The control system shall include three field adjustable float switches located in the sump; Pump Off, Pump On, and High Level. Provide a factory prewired NEMA 6P water tight junction box with a din rail mounted wiring terminal strip. Provide factory installed wiring of pump and floats into a NEMA 6P junction box. All cables between the pump and junction box shall be a maximum of 6' long per NEC 2008. The cable shall be heavy gauge, water tight and oil resistant. The floats and oil sensing probe shall be factory mounted on the pump housing. All cable entries into the J-Box from the pump pit shall have NEMA 6P water tight cord grips. The oil sensing probe is to be factory mounted and positioned within the separator and factory tested as a complete system.

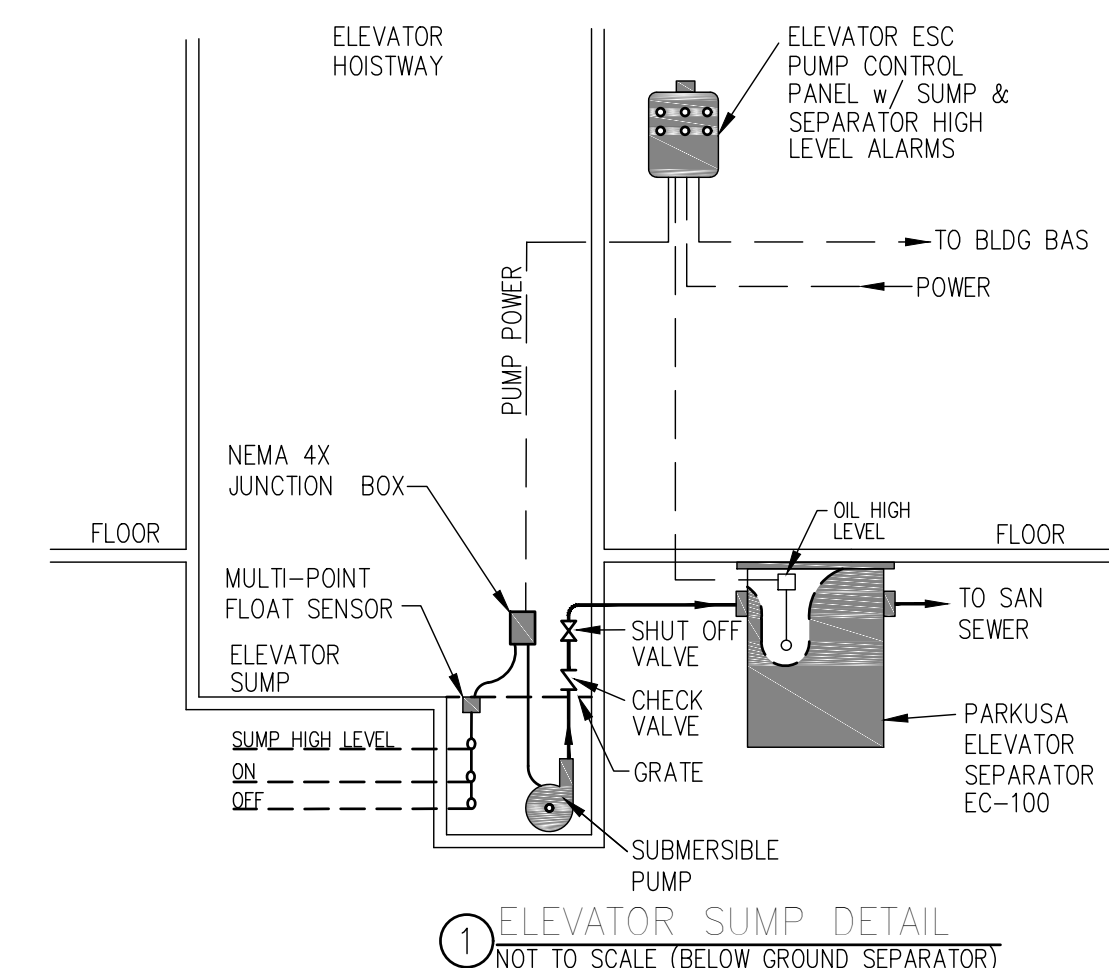
Acceptable Manufacturers:

ParkUSA Elevator System, 888-611-PARK, www.Park-USA.com or Engineered pre-approved equal, provided all of the specifications are met.

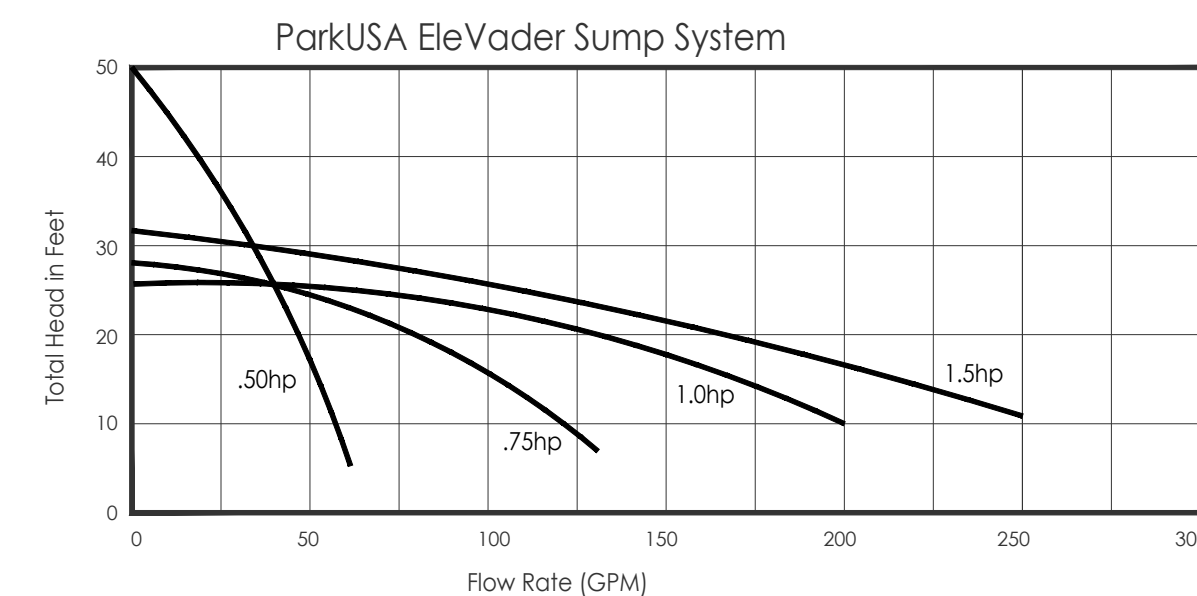
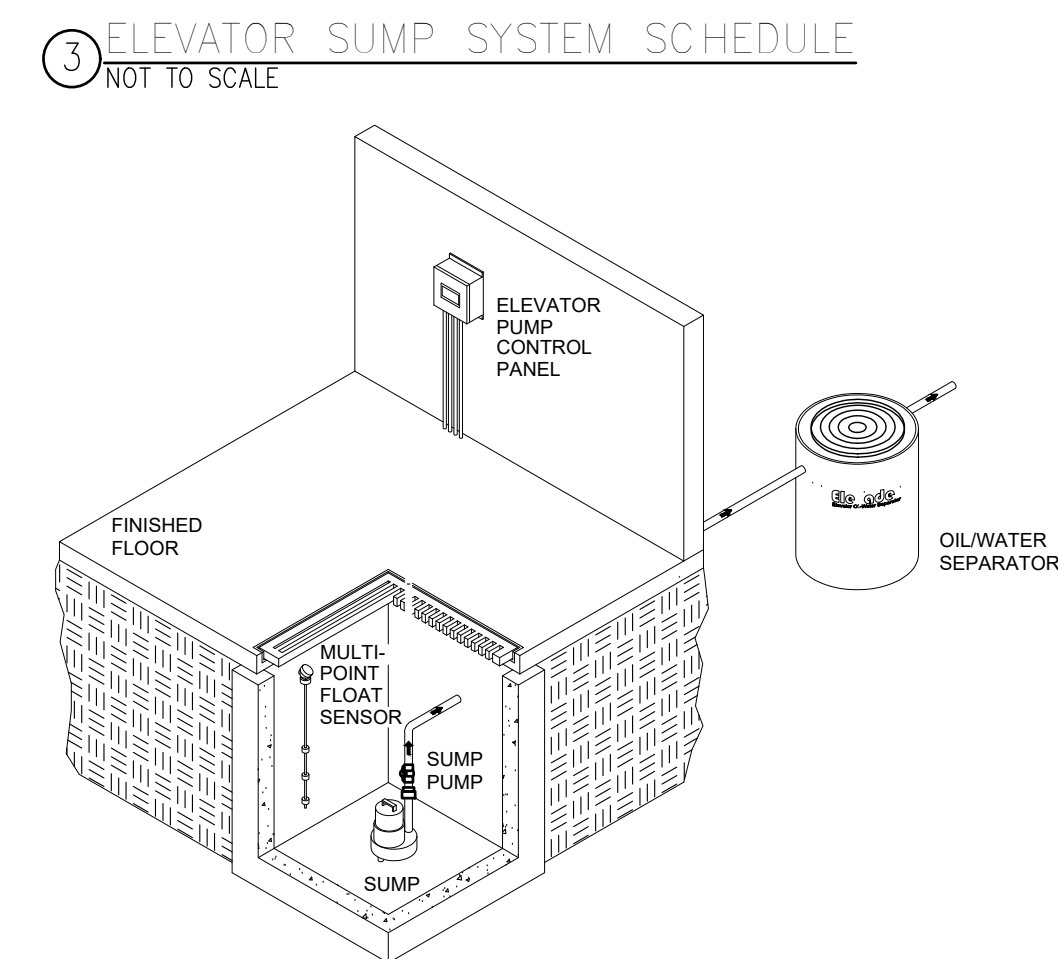


- ## NOTES

- ① SEPARATOR BASIN, PRECAST CONCRETE w/ INTERIOR EXPLOSION LIGNITE AND EXTERIOR VAPOR BARRIER
- ② GASTITE, HINGED, DUCTILE IRON ACCESS COVER WITH NEOPRENE GASKET, H-20 TRAFFIC RATED
- ③ RESILIENT RUBBER CONNECTION
- ④ OIL/STOP-FLOW AUTOMATIC SHUT-OFF VALVE AT OUTLET PIPING
- ⑤ OLEOPHILIC COALESCING PLATE PACK TO SEPARATE OIL & SOLIDS
- ⑥ EXTENSION RINGS AS REQUIRED
- ⑦ JOINTS SEALED WATER-TIGHT WITH OIL RESISTANT GASKET
- ⑧ VENT - NPT HALF CPLG
- ⑨ PIPING BY OTHERS



ELEVATOR SUMP SYSTEM SCHEDULE																
SYSTEM MODEL		SEPARATOR DATA								SUBMERSIBLE PUMP DATA						
SYSTEM SIZE	ELEVATORS	SEPARATOR MODEL	FLOW CAP GPM	TOTAL CAPACITY GPM	Oil Spill CAPACITY	DIA D	HEIGHT H	INLET FLI	OUTLET FLI	FLOW CAP GPM	TDH	DISCH SIZE	RPM	HP	VOLT/PH	MODEL
ELVC-100	1	EC-100	50	100	50 GAL	44"	54"	39"	36"	100	15'	--	1750	.75	115/1	XX



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ADDENDUM	09/06/2017
ADDENDUM	09/12/2017
REVISION#1	11/12/2017
REVISION#2	03/28/2018
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SHEET NUMBER

PD03



LIFE SAFETY PLAN – 2ND LEVEL

SCALE : N.T.S.

FIRE EXTINGUISHER

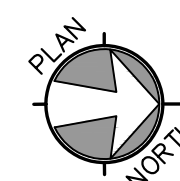
EGRESS PATH

ASSEMBLY CALCULATION SIGN

(CONTACT CIT OF WESLACO FOR OCCUPANCY DETAILS)

NOTE:

5 LB ABC CHEMICAL FIRE EXTINGUISHERS
SHALL BE PROVIDED WITHIN 75' INTERVALS
THROUGHOUT THE PROJECT.



A

LIFE SAFETY PLAN – 1ST LEVEL

SCALE : N.T.S.

[illegible]

Life Safety

TITLE

08-15-24

ISSUE DATE

JOB NUMBER

Imarc

DRAWN BY

CHECKED BY

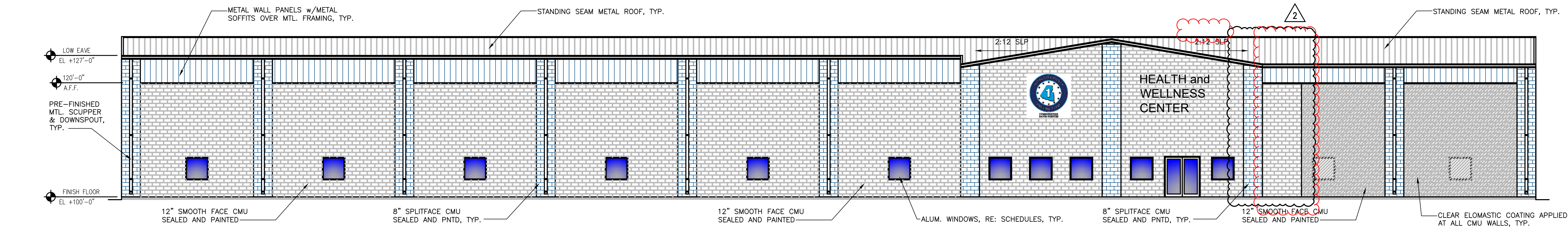
SHEET NUMBER

☐ _____

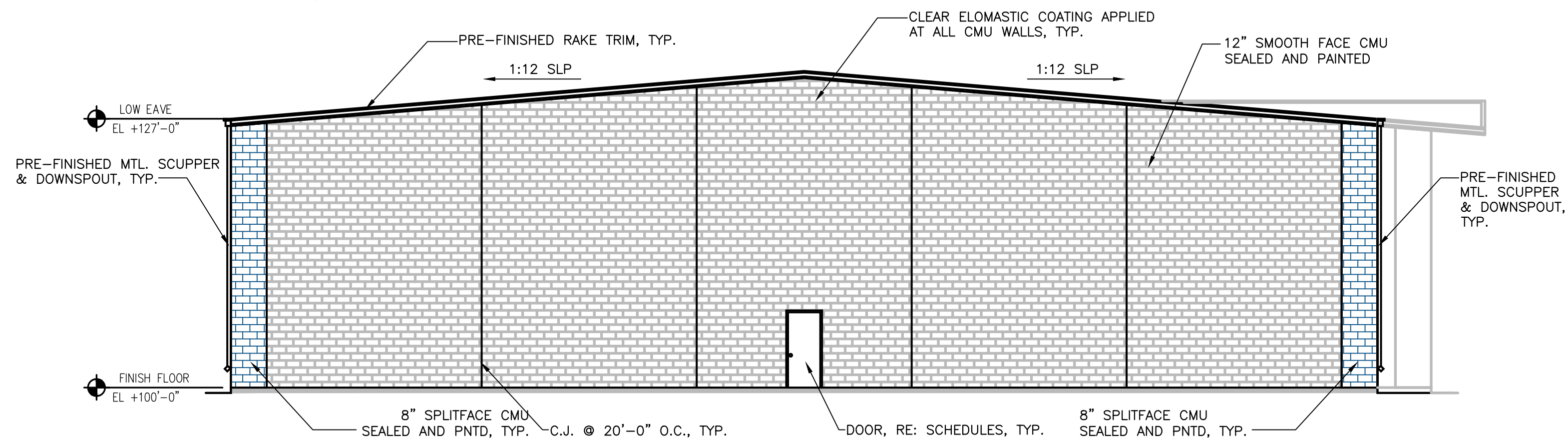
REV2 CONSTRUCTION SET 04-03-25

A0.2

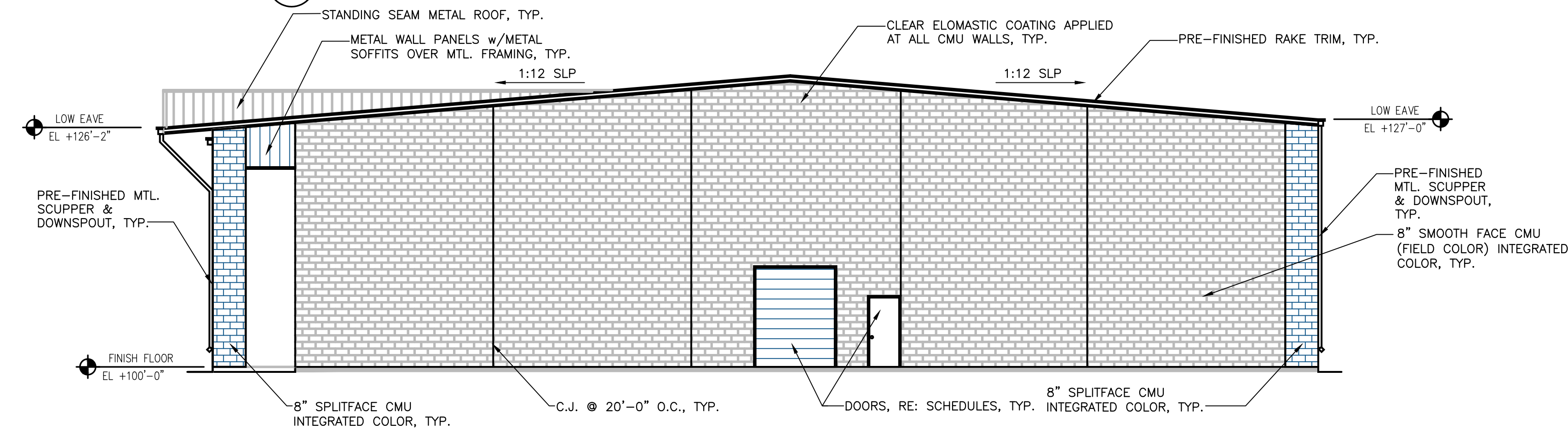
C-24-0285-10-15 Pct. 1 WACC - CO # 1



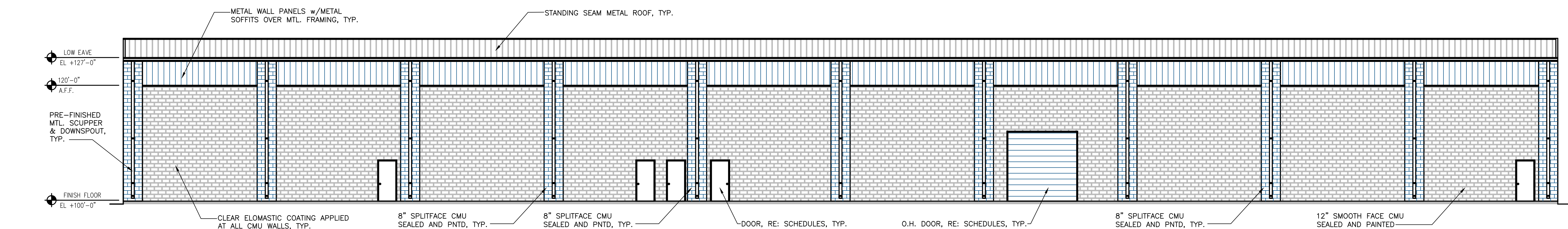
A EAST ELEVATION
SCALE : N.T.S.



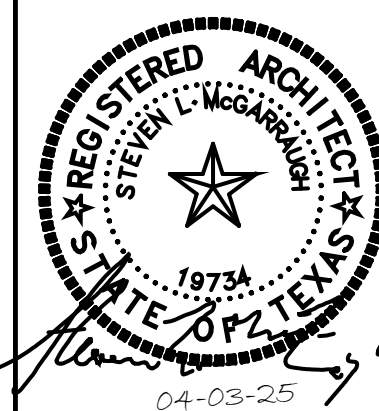
B SOUTH ELEVATION
SCALE : N.T.S.



C NORTH ELEVATION
SCALE : N.T.S.



D WEST ELEVATION
SCALE : N.T.S.



ARCHITECT:
Steven L. McGarraugh, AIA
T.B.A.E. REGISTRATION NO. 19734



Hidalgo Co Precinct 1
Health and Wellness Center
Bldg Elevation
Weslaco, Texas

NO.	DATE	DESCRIPTION
1	08-15-24	ISSUES AND REVISIONS

Bldg Elev
TITLE
08-15-24
ISSUE DATE
Jmarrero
DRAWN BY
CHECKED BY

SHEET NUMBER

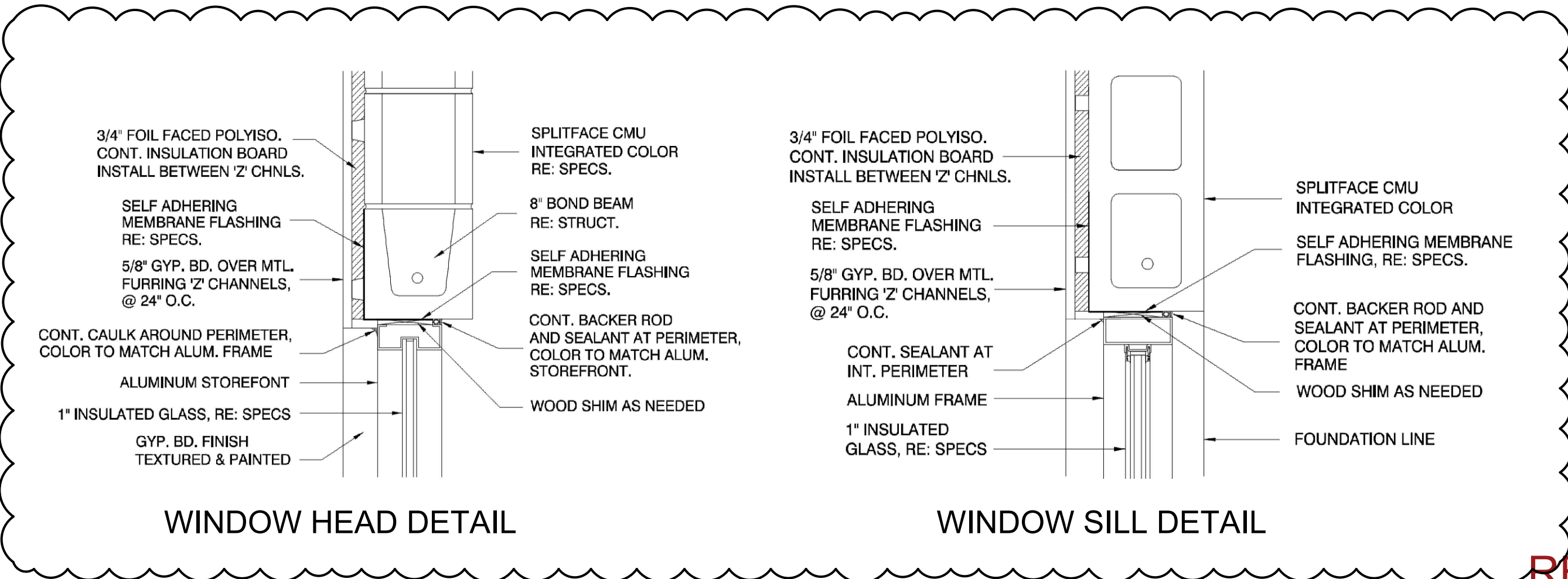
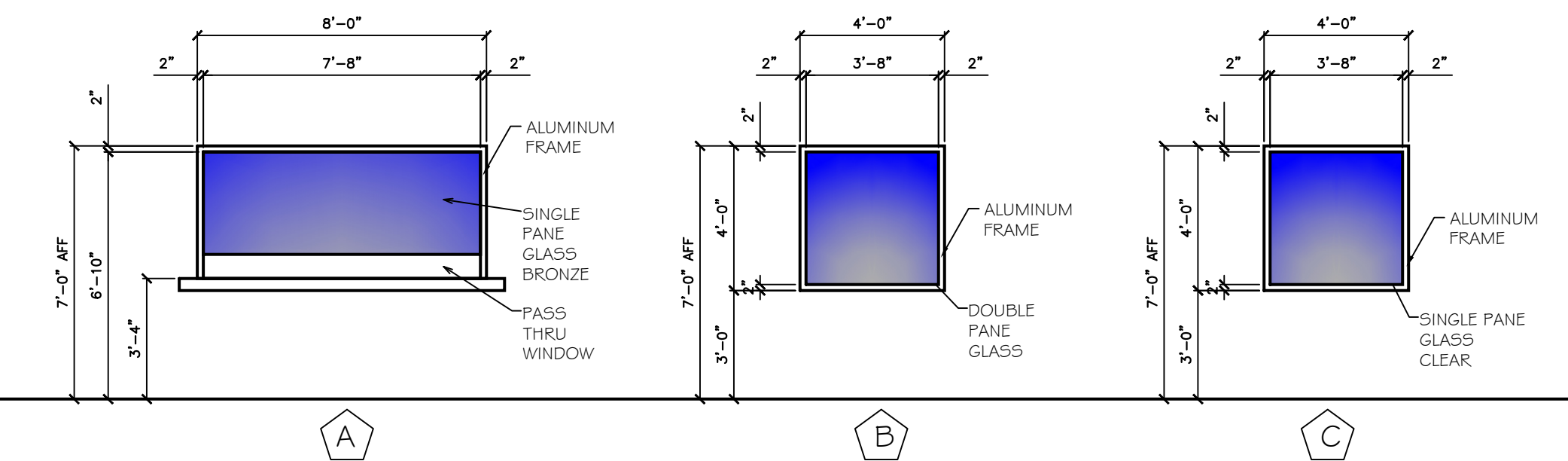
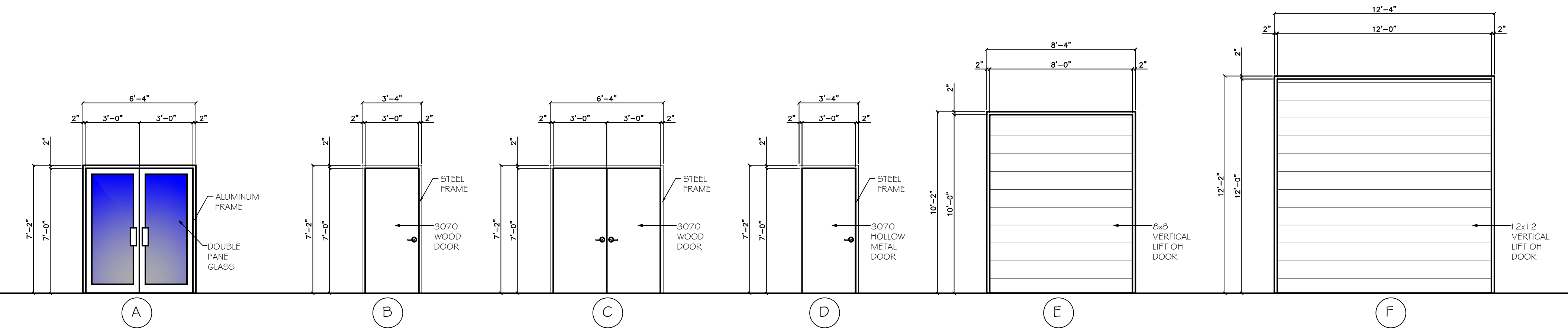
A2.1

REV2 CONSTRUCTION SET 04-03-25

ROOM FINISH SCHEDULE												
ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	NOTES	LEGEND	
				NORTH	EAST	SOUTH	WEST					
100	COVERED AREA	F1	-	W1	W1	W1	W1	C3	--	--	FLOORING	
101	LOBBY	F3	B1	W1	W1	W1	W1A	C2	9'-0"	--	F1	SEALED CONCRETE - REF SPECS
102	RECEPTIONIST	F2	B1	W1A	W1	W1	W1	C2	9'-0"	--	F2	VCT TILE - REF SPECS
103	OFFICE	F2	B1	W1A	W1	W1	W1	C2	9'-0"	--	F3	CERAMIC TILE - REF SPECS
104	EQUIPMENT STORAGE	F1	B1	W1	W1	W1	W1	C3	--	--	F4	GYM WOOD FLOOR - REF SPECS
105	CONCESSION	F1	B2	W3	W3	W3	W3	C1	9'-0"	--		
106	MEETING ROOM	F2	B1	W1A	W1	W1	W1	C2	9'-0"	--	BASE	
107	DIRECTOR'S OFFICE	F2	B1	W1	W1	W1	W1A	C2	9'-0"	--	B1	4" RUBBER BASE TRIM - REF SPECS
108	CORRIDOR	F2	B1	W1	W1	W1A	W1	C2	9'-0"	--	B2	4" CERAMIC TILE BASE
109	EXERCISE	F1	B1	W2	W2	W2	W2	C2	15'-0"	--		
110	SHOWER	F3	B2	W3	W3A	W3	W3	C2	9'-0"	--	WALLS	
111	SHOWER	F3	B2	W3	W3A	W3	W3	C2	9'-0"	--	W1	SEALED AND PAINTED CMU (SW 7634 PEDIMENT)
112	MEN	F3	B2	W3	W3	W3A	W3	C2	9'-0"	--	W1A	SEALED AND PAINTED CMU (SW 6509 GEORGIAN BAY)
113	WOMEN	F3	B2	W3A	W3	W3	W3	C2	9'-0"	--	W2	5/8" GYP BRD (T,F,T4P) (SW 7634 PEDIMENT)
114	JANITOR	F1	B1	W1	W1	W1	W1	C2	9'-0"	--	W2A	5/8" GYP BRD (T,F,T4P) (SW 6509 GEORGIAN BAY)
115	BOXING	F1	B1	W2	W2A	W2	W2	C2	15'-0"	--	W3	CERAMIC TILE TO 6'-0" / SEALED * PNTO CMU (SW 7634 PEDIMENT)
116	CORRIDOR	F1	B1	W1	W1	W1A	W1	C2	9'-0"	--	W3A	CERAMIC TILE TO 6'-0" / SEALED * PNTO CMU (SW 6509 GEORGIAN BAY)
117	STORAGE	F1	B1	W1	W1	W1	W1	C2	9'-0"	--	W4	CERAMIC TILE TO 6'-0" / 5/8" GYP BRD (T,F,T4P) (SW 7634 PEDIMENT)
118	ELECTRICAL/MECHANICAL	F1	B1	W1	W1	W1	W1	C2	9'-0"	--	W4A	CERAMIC TILE TO 6'-0" / 5/8" GYP BRD (T,F,T4P) (SW 6509 GEORGIAN BAY)
119	RISER	F1	B1	W1	W1	W1	W1	C2	9'-0"	--		
120	BASKETBALL COURT	F4	B1	W2A	W2	W2	W2	C2	9'-0"	--		
121	STORAGE	F1	B1	W1	W1	W1	W1	C2	9'-0"	--	CEILING	
122	BASKETBALL COURT	F4	B1	W2	W2	W2	W2	C2	9'-0"	--	C1	2X2 SUSPENDED CEILING GRID
123	STORAGE	F1	B1	W1	W1	W1	W1	C2	9'-0"	--	C2	1/2" MOISTURE GYP BD. (T,F,T4P)
											C3	EXPOSED STRUCTURE
201	MEN	F3	B2	W4	W4	W4A	W4	C2	8'-0"	--	NOTES:	
202	WOMEN	F3	B2	W4	W4	W4A	W4	C2	8'-0"	--		
203	WOMEN	F3	B2	W4	W4	W4A	W4	C2	8'-0"	--		
204	ELECTRICAL/MECHANICAL	F1	B1	W2	W2	W2	W2	C3	---	--		
205	OPEN AREA	F1	B1	W2	W2	W2	W2	C3	---	--		

DOOR SCHEDULE									
NO.	SIZE	LBL.	THK.	TYPE	MATERIAL			NO.	NOTES
					DOOR	FRAME	VENEER		
FIRST FLOOR									
100	3070		2"	A	ALUM.	ALUM.	ALUM.		PAIR ALUMINUM DOORS
102	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
103	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
104	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
105	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
105A	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
106	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
106A	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
107	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
108	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
109	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
109A	3070		2"	D	MTL.	MTL.	-		METAL DOOR
109B	6x10 OH DOOR		2"	F	STEEL	METAL	STEEL		VERTICAL LIFT NON - INSULATED DOOR
110	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
111	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
112	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
113	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
114	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
115	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
115A	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
115B	3070		2"	D	MTL.	MTL.	-		METAL DOOR
117	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
118	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
118A	3070		2"	D	MTL.	MTL.	-		METAL DOOR
119	3070		2"	D	MTL.	MTL.	-		METAL DOOR
120	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
120A	3070		2"	D	MTL.	MTL.	-		METAL DOOR
120B	12x12 OH DOOR		2"	F	STEEL	METAL	STEEL		VERTICAL LIFT NON - INSULATED DOOR
121	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
121A	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
122	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
122A	3070		2"	C	WOOD	MTL.	-		PAIR WOOD DOORS
122B	3070		2"	D	MTL.	MTL.	-		METAL DOOR
122C	3070		2"	D	MTL.	MTL.	-		METAL DOOR
123	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
201	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
202	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
203	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
204	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
301	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
302	3070		2"	B	WOOD	MTL.	-		WOOD DOOR
303	3070		2"	D	MTL.	MTL.	-		METAL DOOR

NOTE: DOOR 119 ADD LABEL "RISER ROOM" w/ 6" x 3" STROKE LETTERS IN RED



MANCINO
WALL PADDING

1180 Church Road
Suite 400
Lansdale, PA 19446
1.800.338.6337 ext. 210
bob@mancinowallpadding.com

Mancino "Softwall" Wainscot T10-9 Series

Padded SOFTWALL wainscot panels designed to be attached in a continuous row, each panel consist of foam filler fully cemented to the OSB wood backing and covered with Class "A" Flame retardant vinyl laminated polyester fabric on the full surface, sides, ends, and including all wood edges. Vinyl is securely stapled to the back of the OSB backer board.

1. Backer Board: 7/16-inch (11-mm) SPF® Certified Responsible Urea Formaldehyde Free recycled composite wood backer board.

2. Foam Filler: 2" thick, 7.5lb density - With surface burning characteristics meeting ASTM E84 Class A testing and also meeting impact attenuation standard ASTM 2440-18

3. Vinyl Covering: 14-oz. Vinyl laminated polyester: • CPSC CPSIA - 6P compliant. • Fire retardant meeting NFPA-701, CSFM test method and Class A- ASTM E-84 test method. • UV and Anti-Mildew treated. • Leather grain finish

MANCINO

IMPACT
ASTM
2440-18

FIRE
RETARDANT
CLASS A

Standard Sizes:
3' 3' 6' 7' 8'

Installation: Select one of three primary options below.
1. 110-920
2. 110-900/2T
3. 110-900 or 110-920

Color Selection:
14 standard colors (see color chart)

© COPYRIGHT 2023 MANCINO MANUFACTURING, INC.

GYM WALL PADDING SPEC OR APPROVED EQUAL

SPECIFICATIONS:	100% polyester
Composition:	0.45 NRC
Acoustic Rating:	1/2" thick and any size up to 4' x 8'
Panel Size/Thickness:	Matte, tackable (not self-healing)
Surface:	0.5 lb. / sq.ft.
Weight:	14 standard colors (see color chart)
Colors:	Indoor use only
Application:	
Installation:	Use with full range of PSI Wall Panel Systems moldings.
Care Instructions:	Vacuum to remove dust. Commercial carpet and fabric cleaners may be used.
Fire Rating:	Class A per ASTM E-84

COLOR SELECTIONS:		SOUND ABSORPTION:	
		Frequency/Hz	
COFFEE	BISCUIT	100	0.03
CARDINAL	WHEAT	125	0.01
TANGERINE	HORIZON	160	0.09
PINEAPPLE	GRAY CLOUD	200	0.04
KIWI	ICE	250	0.05
PEACOCK	HEATHER	315	0.09
ROALA	FLANEL	400	0.12
NAVY	CINDER	500	0.25
CARBON		630	0.32
		800	0.49
		1000	0.61
		1250	0.72
		1600	0.82
		2000	0.85
		2500	0.91
		3150	0.94
		4000	0.95
		5000	0.44
		NRC	0.45

ACOUSTIC NOISE PANEL BY PSI OR APPROVED EQUAL

B2Z ENGINEERING

SBA 8(a), HUB, DBE, WBE, WOSB, MBE
900 S. STEWART ROAD, SUITE 4
MISSION, TX 78572
956-585-3773
www.b2zeng.com

ARCHITECT:
Steven L. McGarragh, AIA
T.B.A.E. REGISTRATION NO. 19734

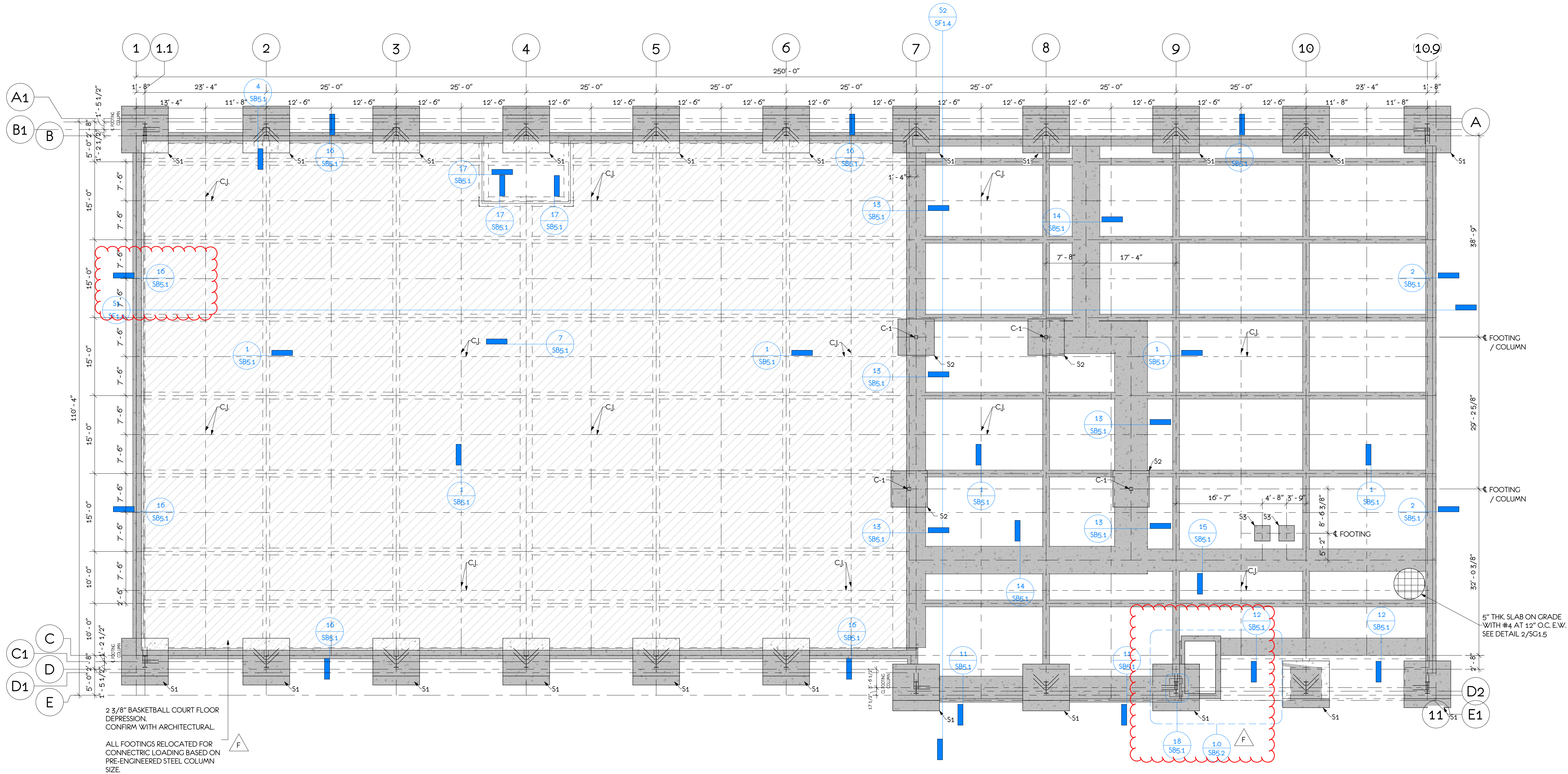
COMMISSIONER
DAVID FUENTES

Hidalgo Co Precinct 1
Health and Wellness Center
Schedules
Weslaco, Texas

NO.	DESCRIPTION	DATE
1	ISSUES AND REVISIONS	

Schedules	
TITLE	
08-15-24	
ISSUE DATE	
Jmarr	
DRAWN BY	
CHECKED BY	
SHEET NUMBER	

A7.1



COLUMN MATERIAL LIST	
MARK	ITEM
C-1	HSS COLUMN



O. Ivan Mata, P.E.

OVED IVAN MATA, PE
IVAN@OIMRGV.COM
PH: 956-458-9910
3613 S H ST.
McALLEN, TX. 78503



FIRM REGISTRATION NO. 20913

04/04/2025



Oved Ivan Mata

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STRUCTURAL DESIGN.

REVIEW

REV	DATE	DESCRIPTION
A	08/03/24	REVIEW SETS
B	08/09/24	80% REVIEW SET
C	08/16/24	100% FINAL
D	10/08/24	ADDENDUM 1
E	10/09/24	ADDENDUM 2
F	04/04/25	ADDENDUM 3

PROJECT:
WESLACO & ACTIVITY COMMUNITY CENTER
HIDALGO COUNTY, TEXAS

LOCATION:

HIDALGO COUNTY PCT. 1,
WESLACO, TEXAS.

OWNER:

PLAN:

FOUNDATION PLAN

PROJECT:

STRUCTURAL DESING:

DRAWING BY:

J.M.W.V.

CHECKED BY:

DATE:

09/19/2024

DRAWING NO:

SCALE:

3/32" =
1'-0"

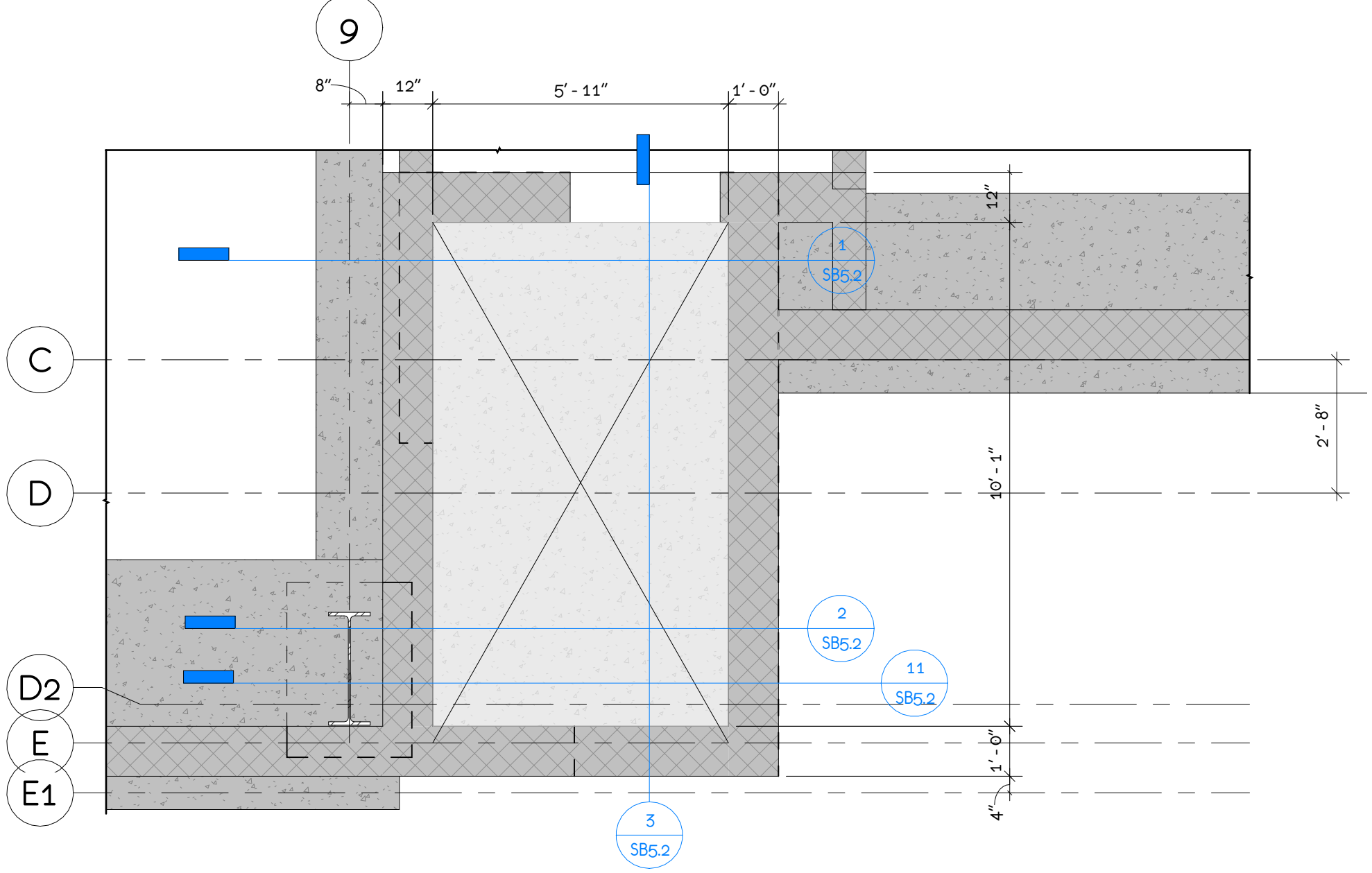
SB5.0

FOUNDATION NOTES:

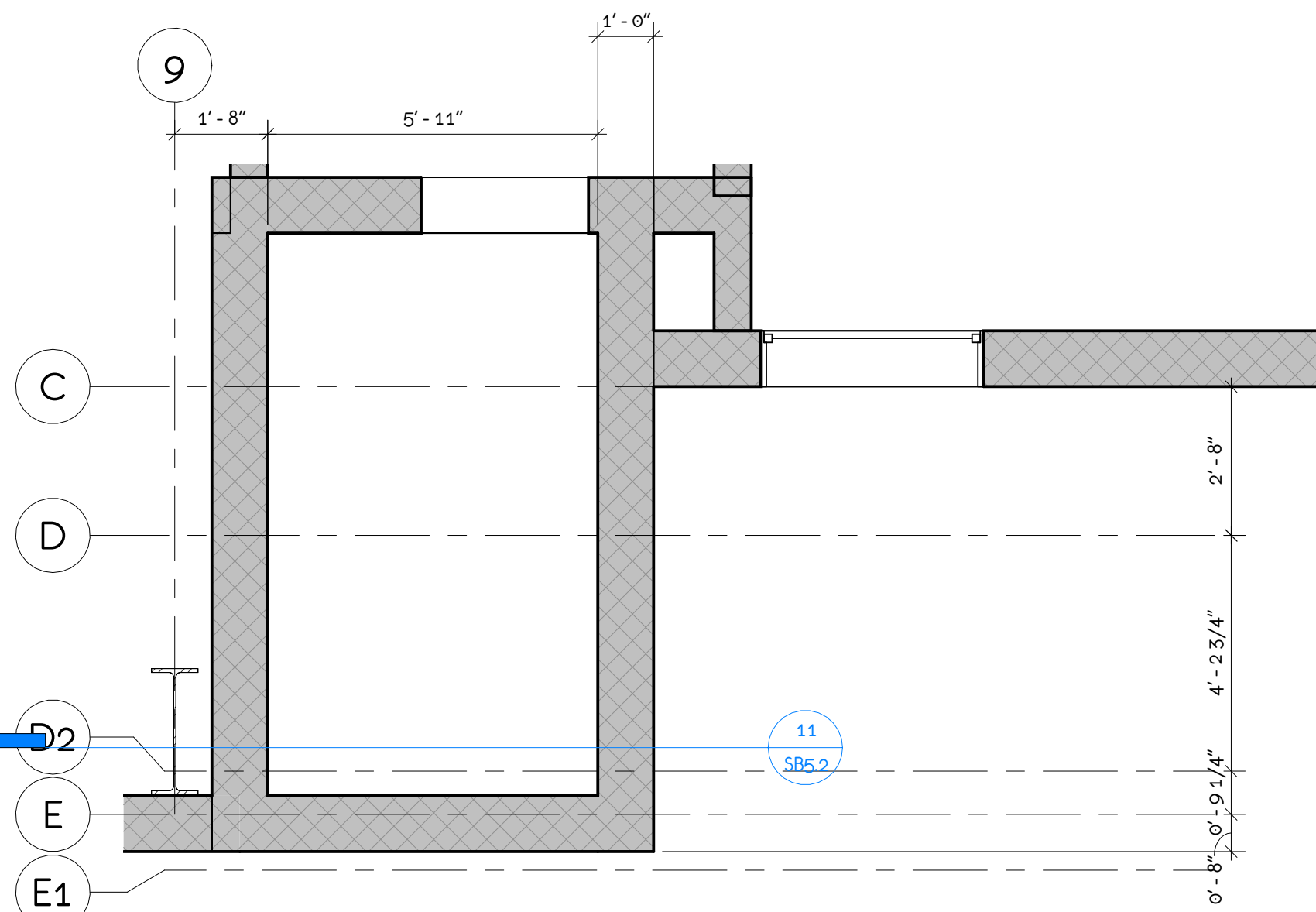
- 1.CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE COMMENCING WORK.
- 2.CONTRACTOR TO VERIFY LOCATION OF ANY/ALL DROPS AND DRAINS IN SLAB WITH AUTHORITY HAVING JURISDICTION.
- 3.CONTRACTOR TO VERIFY REQUIRED T.O.S. ELEVATION WITH PUMP MANUFACTURER, ENGINEERING DRAWINGS AND/OR AUTHORITY HAVING JURISDICTION.
- 4.REFER TO FOOTING SCHEDULE FOR FOOTING SIZE AND REINFORCEMENT, SEE DETAIL 3/SB5.1.
5. C.J - CONTROL JOINT REFERENCE 3/SG1.5

FOUNDATION PLAN

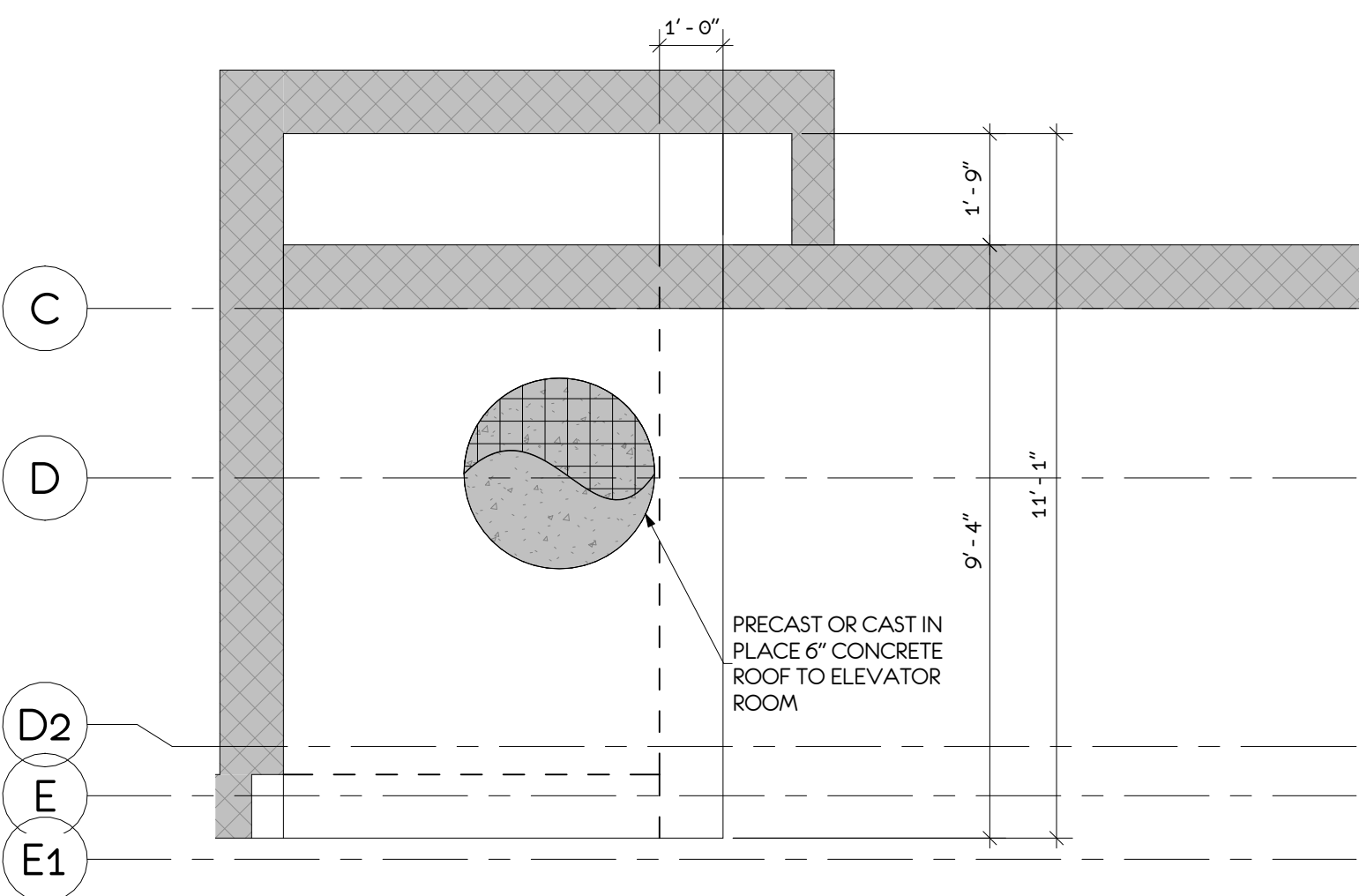
SCALE: 1/4"=1'-0"



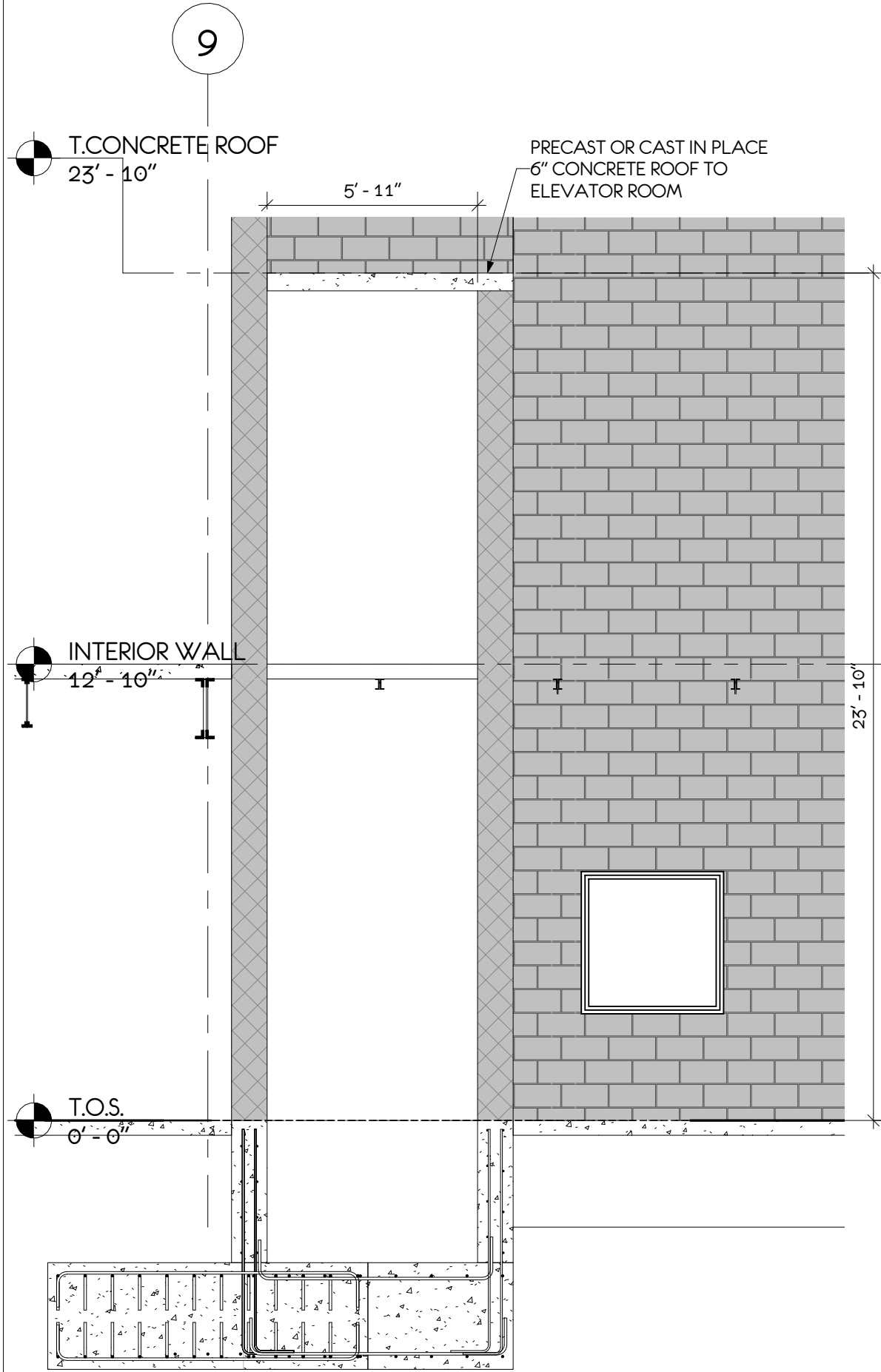
1.0 PIT FLOOR PLAN
3/8" = 1'-0"



2.0 WALL LAYOUT
3/8" = 1'-0"

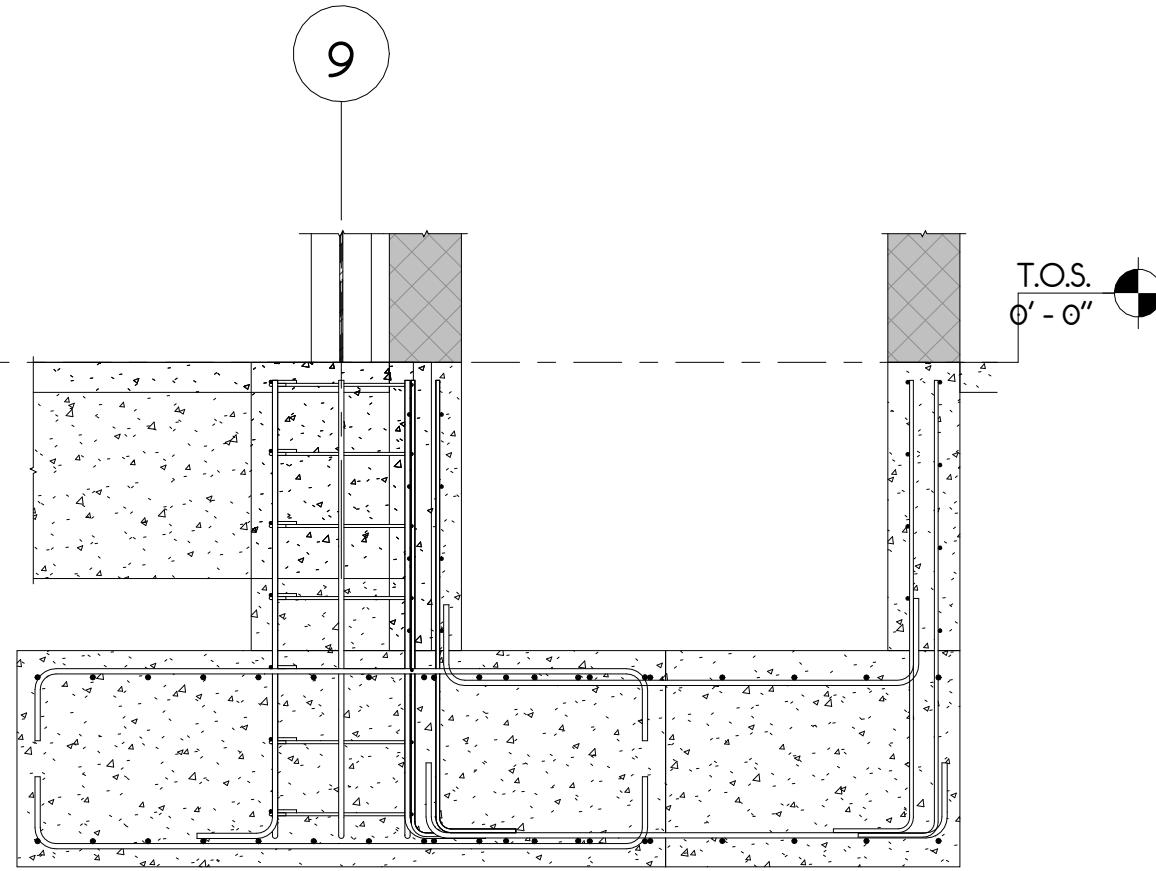


3.0 ROOF PLAN
3/8" = 1'-0"



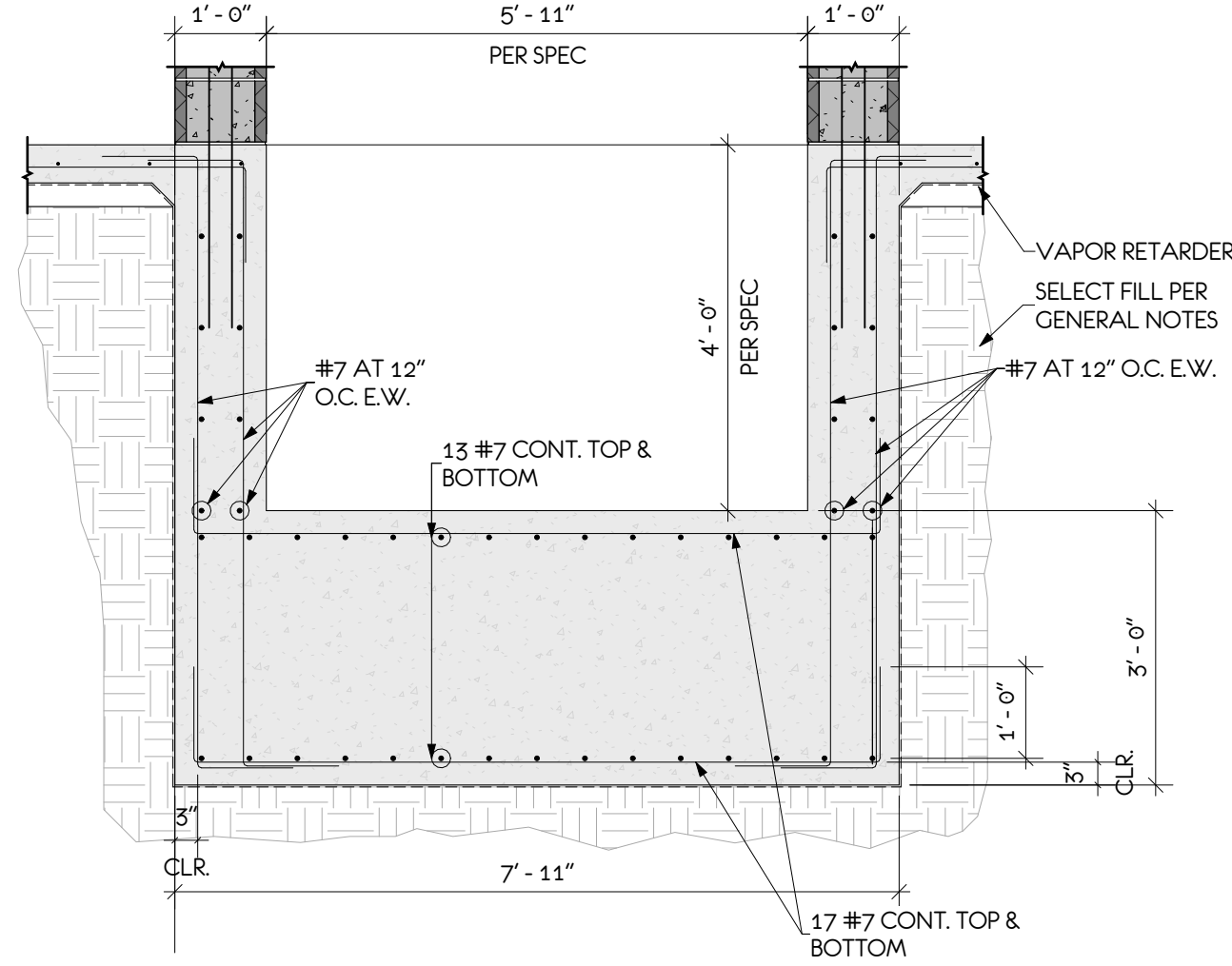
WALL SECTION

10



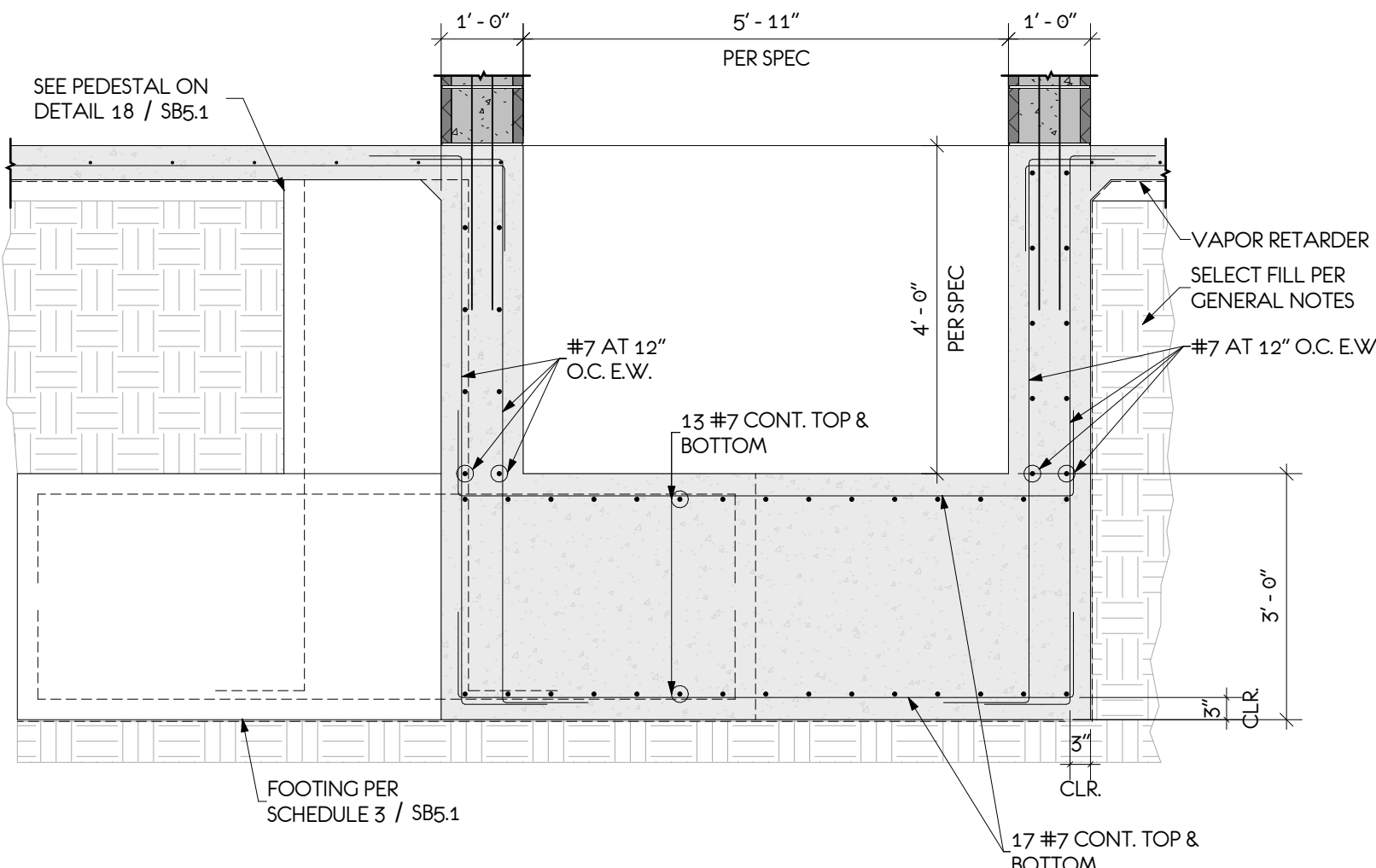
PIT SECTION

11



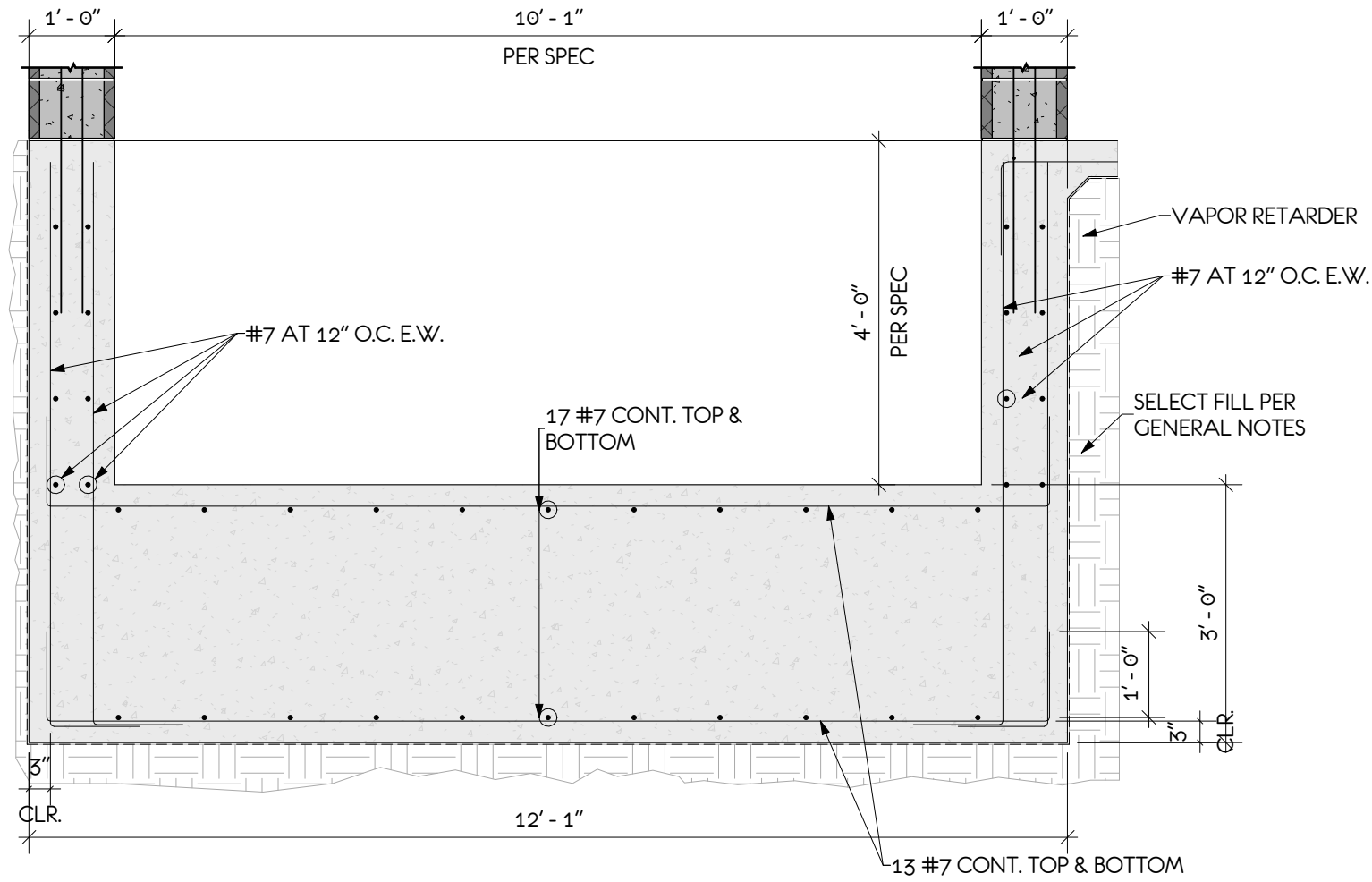
PIT SECTION ON GRADE BEAM

1



PIT SECTION ON FOOTING

2



PIT SECTION ON GRADE BEAM

3

NOT USED

C-24-0285-10-15 Pct. 1 WACC - 02-1

NOT USED

8

NOT USED

4



FIRM REGISTRATION NO. 20913

04/04/2025



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D	10/08/24	ADDENDUM 1
E	10/09/24	ADDENDUM 2
F	04/04/25	ADDENDUM 3

PROJECT:
WESLACO & ACTIVITY COMMUNITY CENTER
HIDALGO COUNTY, TEXAS

LOCATION:

HIDALGO COUNTY PCT. 1,
WESLACO, TEXAS.

OWNER:

PLAN:

PIT FOUNDATIONS

PROJECT:

STRUCTURAL DESING:

DRAWING BY:
J.M.W.V.

CHECKED BY:

DATE:
09/19/2024

DRAWING NO:

F

SCALE:

PER PLAN
indica

SB5.2

FOR REVIEW

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

NM Contracting, LLC
McAllen, TX United States

Certificate Number:

2025-1294203

Date Filed:

04/10/2025

Date Acknowledged:

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Hidalgo County Pct. 1

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

CO 1 C-24-0295-10-15
Hidalgo County Precinct 1 Wellness, Activity and Community Center (WACC) ARPA 24-121-358

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	NM Contracting, LLC	McAllen , TX United States	X	

5 Check only if there is NO Interested Party.

☐

6 UNSWORN DECLARATION

My name is Noel Munoz, Jr., and my date of birth is [REDACTED].

My address is 2022 Orchid Ave., McAllen, TX, 78504, USA.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Hidalgo County, State of Texas, on the 10th day of April, 2025.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

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NM Contracting, LLC
McAllen, TX United States

Certificate Number:
2025-1294203

Date Filed:
04/10/2025

Date Acknowledged:
04/11/2025

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Hidalgo County Pct. 1

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4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	NM Contracting, LLC	McAllen , TX United States	X	

5 Check only if there is NO Interested Party.

☐

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/10/24

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 have ADDITIONAL INSURED provisions or 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 CONTRACT BOND AGENCY PO Box 100096 Fort Worth, TX 76185		CONTACT NAME: Tobin Tucker PHONE (A/C, No. Ext): (817)731-2568 E-MAIL ADDRESS: ttucker@contractbond.net FAX (A/C, No):	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: PartnerRE Insurance solutions of Bermuda	
		NAIC # 902562	
INSURED NM CONTRACTING, LLC 2022 Orchard Avenue McAllen, TX 78504 TX 78504		INSURER B: INSURER C: Texas Mutual INSURER D: INSURER E: INSURER F:	
		23850	

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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:	Y	Y	VCP2024160-01	06/01/24	06/01/25	EACH OCCURRENCE \$ 1,000,000
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000						
	MED EXP (Any one person) \$ 5,000						
	PERSONAL & ADV INJURY \$ 1,000,000						
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							\$
A	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY	Y	Y	VCX2024129-01	06/01/24	06/01/25	COMBINED SINGLE LIMIT (Ea accident) \$
	BODILY INJURY (Per person) \$						
	BODILY INJURY (Per accident) \$						
	PROPERTY DAMAGE (Per accident) \$						
	\$						
	\$						
C	☒ UMBRELLA LIAB ☒ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$	Y	Y	0002111758	06/01/24	06/01/25	EACH OCCURRENCE \$ 5,000,000
	AGGREGATE \$ 5,000,000						
	\$						
	\$						
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	Y	0002111758	06/01/24	06/01/25	☒ PER STATUTE ☐ OTH-ER
	E.L. EACH ACCIDENT \$ 1,000,000						
	E.L. DISEASE - EA EMPLOYEE \$ 1,000,000						
	E.L. DISEASE - POLICY LIMIT \$ 1,000,000						

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

RE: Precinct 1 Wellness, Activity, and Community Center**CERTIFICATE HOLDER****CANCELLATION**

The County of Hidalgo
100 E Cano, 2nd Floor
Edinburg, TX 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

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NM CONTRACTING LLC

Unique Entity ID H1L5C7HFKYK23	CAGE / NCAGE 70VC4	Purpose of Registration All Awards
Registration Status Active Registration	Expiration Date Nov 5, 2025	
Physical Address 2022 Orchid AVE McAllen, Texas 78504-4152 United States	Mailing Address 2022 Orchid Avenue McAllen, Texas 78504 United States	

Business Information

Doing Business as (blank)	Division Name Nm Contracting Llc	Division Number (blank)
Congressional District Texas 15	State / Country of Incorporation Texas / United States	URL www.nmcontracting.us

Registration Dates

Activation Date Nov 7, 2024	Submission Date Nov 5, 2024	Initial Registration Date Dec 2, 2013
---------------------------------------	---------------------------------------	---

Entity Dates

Entity Start Date Aug 1, 1997	Fiscal Year End Close Date Dec 31
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Immediate Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM.gov) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2. C.F.R. 200 Appendix XII. Their responses are displayed in the responsibility/qualification section of SAM.gov. Maintaining an active registration in SAM.gov demonstrates the registrant responded to the proceedings questions.

Exclusion Summary

Active Exclusions Records?

No

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure Corporate Entity (Not Tax Exempt)	Entity Type Business or Organization	Organization Factors Limited Liability Company
Profit Structure For Profit Organization		

C-24-0295-10-15 Pct. 1 WACC - CO # 1

Socio-Economic Types

Minority-Owned Business

Self Certified Small Disadvantaged Business

Veteran-Owned Business

Hispanic American Owned

Check the registrant's Reps & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

Financial Information

Accepts Credit Card Payments

No

Debt Subject To Offset

No

EFT Indicator

0000

CAGE Code

70VC4

Points of Contact

Electronic Business

✎

Noel Munoz, President

2022 Orchid AVE.

Mcallen, Texas 78504

United States

Government Business

✎

Noel Munoz, President

2022 Orchid AVE.

Mcallen, Texas 78504

United States

Service Classifications

NAICS Codes

Primary

Yes

NAICS Codes

236220

NAICS Title

Commercial And Institutional Building Construction

Disaster Response

Yes, this entity appears in the disaster response registry.

Yes, this entity require bonding to bid on contracts.

Bonding Levels	Dollars
Construction Aggregate	\$70,000,000.00
Construction Per Contract	\$25,000,000.00

States

Texas

Counties

TX: Hidalgo

Metropolitan Statistical Areas

TX: McAllen-Edinburg-Mission

C-24-0295-10-15 WACC Change order #1

Final Audit Report

2025-05-27

Created:	2025-05-22
By:	Coral Reyes (coral.reyes@co.hidalgo.tx.us)
Status:	Signed
Transaction ID:	CBJCHBCAABAAetZasM4Csy79uZEKqiwu9fz-qhakCwj8

"C-24-0295-10-15 WACC Change order #1" History

-  Document created by Coral Reyes (coral.reyes@co.hidalgo.tx.us)
2025-05-22 - 9:45:34 PM GMT
-  Document emailed to jgarcia@nmcontracting.us for signature
2025-05-22 - 9:57:33 PM GMT
-  Email viewed by jgarcia@nmcontracting.us
2025-05-23 - 5:49:33 PM GMT
-  Signer jgarcia@nmcontracting.us entered name at signing as Gerardo J. Garcia
2025-05-23 - 5:54:25 PM GMT
-  Document e-signed by Gerardo J. Garcia (jgarcia@nmcontracting.us)
Signature Date: 2025-05-23 - 5:54:27 PM GMT - Time Source: server
-  Document emailed to Monica Salinas (monica.salinas@co.hidalgo.tx.us) for approval
2025-05-23 - 5:54:43 PM GMT
-  Email viewed by Monica Salinas (monica.salinas@co.hidalgo.tx.us)
2025-05-23 - 6:59:40 PM GMT
-  Document approved by Monica Salinas (monica.salinas@co.hidalgo.tx.us)
Approval Date: 2025-05-23 - 7:00:05 PM GMT - Time Source: server
-  Document emailed to countyjudge.contracts@co.hidalgo.tx.us for signature
2025-05-23 - 7:00:21 PM GMT
-  Email viewed by countyjudge.contracts@co.hidalgo.tx.us
2025-05-27 - 1:53:41 PM GMT
-  Signer countyjudge.contracts@co.hidalgo.tx.us entered name at signing as Richard F. Cortez
2025-05-27 - 1:54:26 PM GMT



 Document e-signed by Richard F. Cortez (countyjudge.contracts@co.hidalgo.tx.us)

Signature Date: 2025-05-27 - 1:54:28 PM GMT - Time Source: server

 Document emailed to sandra garcia (sandra.solis@co.hidalgo.tx.us) for approval

2025-05-27 - 1:54:44 PM GMT

 Email viewed by sandra garcia (sandra.solis@co.hidalgo.tx.us)

2025-05-27 - 1:54:52 PM GMT

 Document approved by sandra garcia (sandra.solis@co.hidalgo.tx.us)

Approval Date: 2025-05-27 - 3:19:04 PM GMT - Time Source: server

 Document emailed to arturo.guajardo@co.hidalgo.tx.us for signature

2025-05-27 - 3:19:21 PM GMT

 Email viewed by arturo.guajardo@co.hidalgo.tx.us

2025-05-27 - 4:16:35 PM GMT

 Signer arturo.guajardo@co.hidalgo.tx.us entered name at signing as Arturo Guajardo Jr.

2025-05-27 - 4:17:18 PM GMT

 Document e-signed by Arturo Guajardo Jr. (arturo.guajardo@co.hidalgo.tx.us)

Signature Date: 2025-05-27 - 4:17:20 PM GMT - Time Source: server

 Document emailed to Sandra Garcia (sandra.solis@co.hidalgo.tx.us) for approval

2025-05-27 - 4:17:37 PM GMT

 Email viewed by Sandra Garcia (sandra.solis@co.hidalgo.tx.us)

2025-05-27 - 4:17:47 PM GMT

 Document approved by Sandra Garcia (sandra.solis@co.hidalgo.tx.us)

Approval Date: 2025-05-27 - 4:42:20 PM GMT - Time Source: server

 Agreement completed.

2025-05-27 - 4:42:20 PM GMT

