ERO ARCHITECTS

P.O. Box 720428
McAllen, Texas 78504
Phone: 956.661.0400

Contingency Allowance Expenditure Authorization

Project: HIDALGO COUNTY EL PARAISO HEALTH CLINIC & COMMUNITY RESOURCE CENTER

Authorization No. 01

ERO Project No.: 21087

Date: 10/24/2024

To : NM Contracting, LLC
2200 Orchid Avenue
McAllen, Texas 78504

Attention: Andrew Munoz, Project Manager

You are authorized to perform the following items(s) of work and to adjust the allowance sum accordingly, as indicated below. This is not a change order and does not increase nor decrease the contract amount.

Description of Work:

Allowance Expenditure issued for Hidalgo County El Paraiso Health Clinic & Community Resource Center:

1.) Change Order Request 001R5: ASI 001 Changes to Asphalt Drive. *Note: The 10-day extension has been approved. A Change Order will be issued at a later time.*	$43,180.00
2.) CCD 001: $100.00 *Change Proposal Request 002R1: Generator Substitution. $10,100.00* *Change Proposal Request 003R2: ASI 001 Changes for Septic Tank. ($10,000.00)*	$100.00
3.) Change Proposal Request 005R1: Landscape & Irrigation updates based on Drainage Field Modifications and Service Window Height Clarifications.	($3,429.24)
AEA 01 Will Decrease Community Resource Allowance	$39,850.76

Original Community Resource Allowance	$191,000.00
Allowance Expenditures Prior to this Authorization	$0.00
Allowance Balance Prior to this Authorization	$191,000.00
Allowance Sum will be decreased by this Authorization	$39,850.76
New Community Resource Allowance Balance	$151,149.24

This Allowance Expenditure represents adjustments to the Allowance Balance as noted above and described herein.

Accepted and agreed to by:

NM Contracting, LLC — Signature — Date: 10/25/24

ERO Architects — Signature — Date: 10/24/2024

Accepted and agreed to on behalf of the County of Hidalgo:

County of Hidalgo — Signature — Date

Gilbert Gallegos, AIA
Approved
10-24-2024

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS' COURT ON DECEMBER 10TH, 2024

Agenda Item No. 97594 **Executive Office: _____**

CONTRACTOR:
NM CONTRACTING, LLC

_____
Noel Munoz Jr. , President

COUNTY:
COUNTY OF HIDALGO

_____
Hon. Richard F. Cortez, County Judge

ATTEST:

_____
Arturo Guajardo, Jr., County Clerk

SUPPLEMENTAL SIGNATURES
ERO Architects

_____
Octavio Cantu, AIA, Principal

Change Proposal Request (CPR)

Project Information	
Project #	2134
Title	Hidalgo County El Paraiso Project
Address	1901 N Los Ebanos Rd
City, State, Zip	Alton, TX 78573
Country	United States

Change Proposal Request	
Contract #	001
CPR #	001 R5
Issue Date	16-Oct-2024
Subject	ASI 001 Changes to Asphalt Drive

Prime Contract Company	
Contact	Andrew Munoz
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	Hidalgo County Precinct 3 County of Hidalgo
Company	Hidalgo County Precinct 3
Address	724 Breyfogle Rd
City, State, Zip	Mission, TX 78574
Country	United States
Phone	956-585-4509
Fax	

Description of the proposed change:

Scope of work identified below is aligned with ASI 001 and the revisions and clarifications based on building permit comments from Hidalgo County health department & fire marshall. The changes to the plan documents are identified below as Clouded (RED) & RED Lined . The additional cost for the extension of the drive for the turn around is depicted in the atchements. Keep in mind that the work being done is being priced at today's market prices and not when previously bid. This work is on going and we will need an answer by way of approval of CPR or CCD 002 or this will delay the production of the project.

Net Amount of this Proposed Change: **$43,180.60**

The Contract time due to this Change Proposal Request has increased by 20 Working Days. Only 10 working days approved.

This document, when fully executed as accepted, shall constitute authorization to proceed with the work described herein.

Submitted By

NM Contracting, LLC
Company

By

10/18/2024
Date

Response: ☐ Accept ☐ Do Not Accept

Hidalgo County Precinct 3
Company

By

Date

Proposed Items

Item #	Item Description	Quantity	Unit	Unit Price	Subtotal
1	6" SITE STRIPPING REMOVAL	1	LS	699.30	699.30
2	8" TREATED SUBGRADE W / 2% LIME	1	LS	5,083.80	5,083.80
3	6" TYPE E GR 4 CALICHE BASE	1	LS	2,608.50	2,608.50
4	2" HMAC TYPE D	1	LS	4,897.00	4,897.00
5	HATCH STRIPING & FIRE LINE	1	LS	987.00	987.00
6	4" CONCRETE SIDEWALK	1	LS	5,580.00	5,580.00
7	Additional General Grading & Fill	1	LS	23,325.00	23,325.00

Subtotal = $43,180.60
Tax = $0.00
Total = $43,180.60

Parking Lot Improvements

JR-Garcia Company, LLC.

Quotation

3406 Joycee Dr
Mission, Tx. 78573
Phone: (956) 529-7140

DATE 08/12/24
Quotation # 24-02

Quotation To:

Prepared by: Jose Luis Garcia

NM Contracting, LLC
2022 Orchid Ave.
McAllen, Tx. 78504

Hidalgo County El Paraiso Project
ASI 01 Parking Lot Improvements

Description	QTY	UNIT	Labor	Materials	Unit Price	Amount
6" SITE STRIPPING REMOVAL	222.00	SY	$ 413.59	$ 285.71	$ 3.15	$699.30
8" TREATED SUBGRADE W / 2% LIME	222.00	SY	$ 2,517.37	$ 2,566.43	$ 22.90	$5,083.80
6" TYPE E GR 4 CALICHE BASE	222.00	SY	$ 796.20	$ 1,812.30	$ 11.75	$2,608.50
2" HMAC TYPE D	166.00	SY	$ 1,697.35	$ 3,199.65	$ 29.50	$4,897.00
HATCH STRIPING & FIRE LINE	420.00	LF	$ 345.45	$ 641.55	$ 2.35	$987.00
4" CONCRETE SIDEWALK	465.00	SF	$ 2,414.51	$ 3,165.49	$ 12.00	$5,580.00
GENERAL GRADING (FILL)	1.00	LS	$ 10,200.95	$ 13,124.05	$ 23,325.00	$23,325.00
					TOTAL	**$ 43,180.60**

If you have any questions concerning this quotation, Contact: Jose Luis Garcia (956) 529-7140, Email: joseluis@garcia-company.com

THANK YOU FOR YOUR BUSINESS!

ASI 001
Old Drawings vs New Drawings
(Red Lined with Changes)

AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)*
Hidalgo County El Paraiso Health Clinic & Community Resource Center

CONTRACT INFORMATION:
Contract For: General Construction

Date: November 28, 2023

ASI INFORMATION:
ASI Number: 001

Date: March 15, 2024

OWNER: *(name and address)*
County of Hidalgo
100 East Cano, 2nd Floor
Edinburg, Texas 78539

ARCHITECT: *(name and address)*
ERO Architects
P.O. Box 720428
McAllen, Texas 78504

CONTRACTOR: *(name and address)*
NM Contracting, LLC
2022 Orchid Avenue
McAllen, Texas 78504

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.
(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

ASI 001: Revisions and clarifications based on building permit comments.

Attachments: C2.00, C3.00, C4.00, C4.01, C5.00, C5.01, C6.00 & C7.02

ISSUED BY THE ARCHITECT:

ERO Architects
ARCHITECT *(Firm name)*

Octavio Cantu, AIA
SIGNATURE

Octavio Cantu, AIA, Principal
PRINTED NAME AND TITLE

March 15, 2024
DATE

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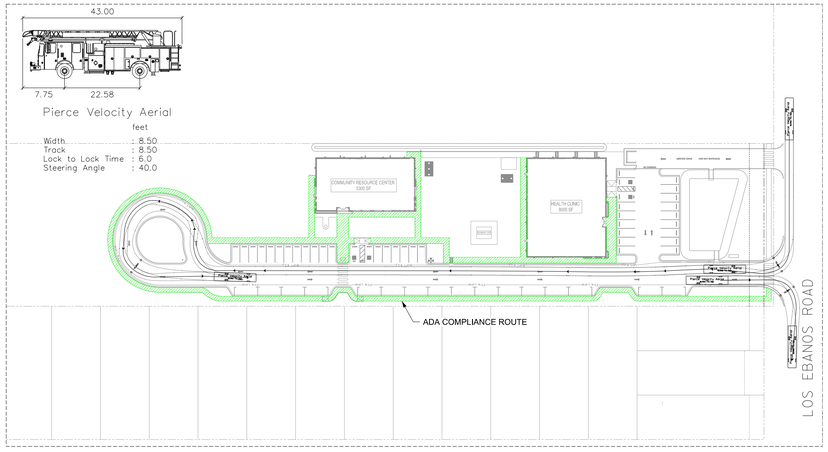
User Notes:

Sheet

C2.00



AUTOTURN & ADA ROUTE EXHIBIT
NTS

NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

PAVEMENT MARKING NOTES:

1. THE PAVEMENT SURFACE SHALL BE MADE FREE OF DELETERIOUS MATERIAL PRIOR TO APPLICATION OF PERMANENT MARKINGS.
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VAN ACCESSIBLE = 2

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2. IF DISCREPANCIES OCCUR BETWEEN THAT WHICH IS SHOWN ON THE PLANS AND CONDITIONS PRESENT IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING IMMEDIATELY. FAILURE TO DO SO SHALL ABSOLVE OWNER AND ENGINEER OF LIABILITY AND ASSOCIATED COST.

***** STOP! CALL BEFORE YOU DIG! *****

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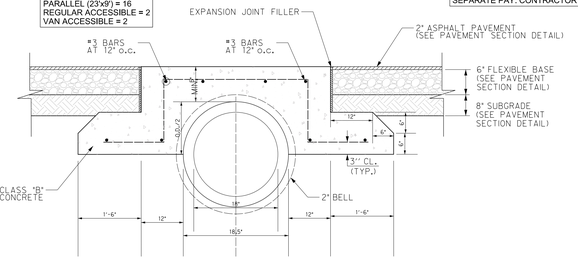
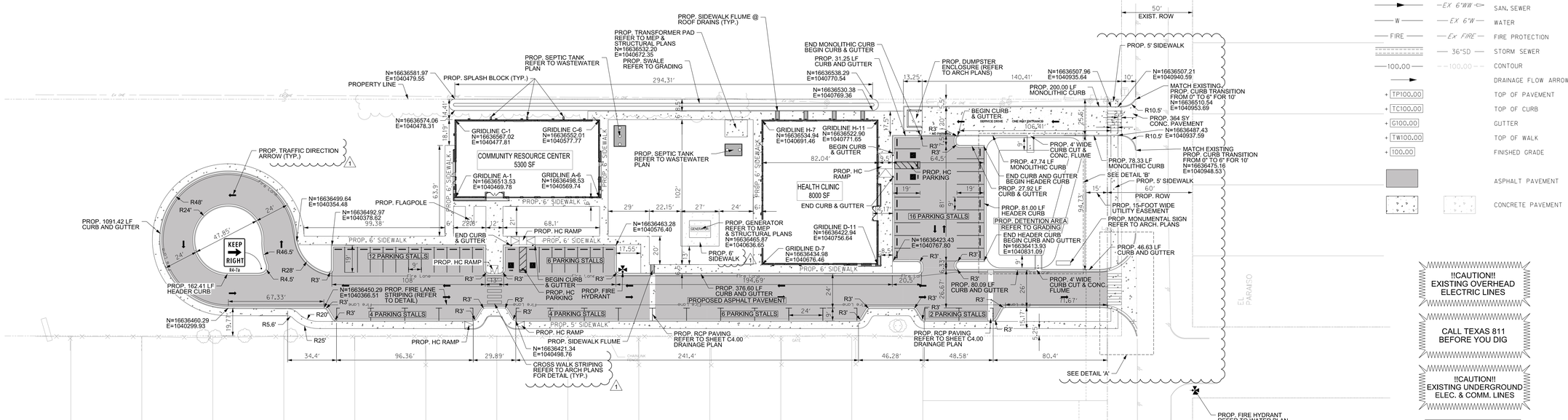
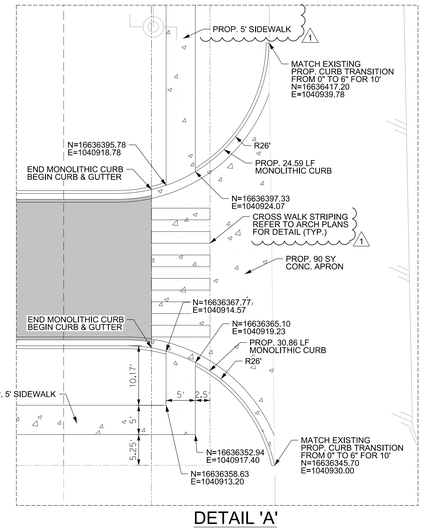
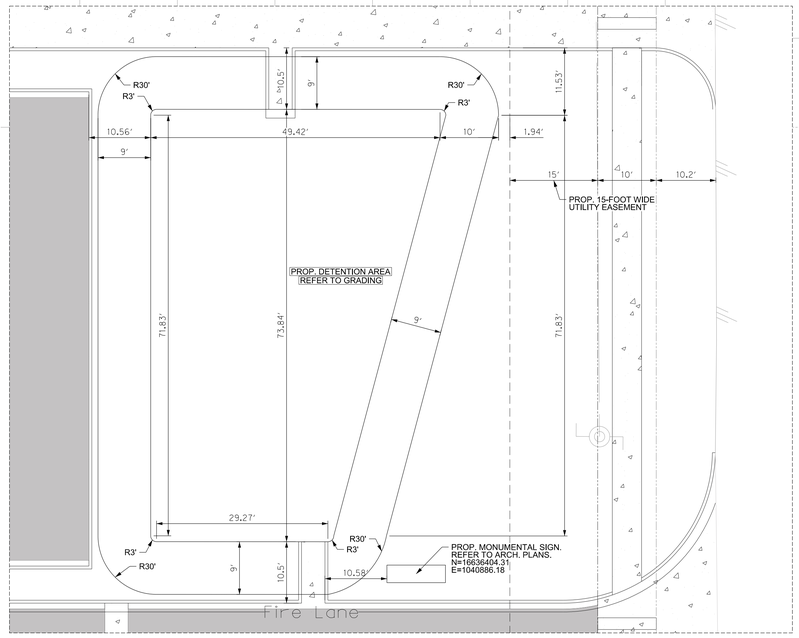


RCP PAVING DETAIL
NTS





DETAIL 'A'
NTS



DETAIL 'B'
NTS

N
0 15 30 45 60
SCALE: 1"=30'

LEGEND

PROPOSED	EXISTING	
■	CI	INLET
▨	GI	GRATE INLET
●	MH	MANHOLE
◔	WV	GATE VALVE & BOX
▪	M	WATER METER
✠	FH	FIRE HYDRANT
	SSCO	SANITARY CLEAN OUT
		ELECTRIC POLE
	EB	ELECTRIC BOX
	PP	POWER POLE
	TPED	TELEPHONE PEDESTAL
	—x—x—	FENCE
	TS	TRAFFIC SIGN
	— EX OHE —	OVERHEAD ELECTRIC
	— EX UGE —	UNDERGROUND ELECTRIC
	— Ex GAS —	GAS LINE
	— Ex F/O —	FIBER OPTIC LINE
	— Ex TEL —	TELEPHONE LINE
		ASPHALT PAVEMENT
	— EX 6"WW —	SAN. SEWER
— W —	— EX 6"W —	WATER
— FIRE —	— Ex FIRE —	FIRE PROTECTION
	36"SD	STORM SEWER
100.00	100.00	CONTOUR
		DRAINAGE FLOW ARROW
+ TP100.00		TOP OF PAVEMENT
+ TC100.00		TOP OF CURB
+ G100.00		GUTTER
+ TW100.00		TOP OF WALK
+ 100.00		FINISHED GRADE
▒		ASPHALT PAVEMENT
⁘	⁘	CONCRETE PAVEMENT

!!CAUTION!!
EXISTING OVERHEAD ELECTRIC LINES

CALL TEXAS 811 BEFORE YOU DIG

!!CAUTION!!
EXISTING UNDERGROUND ELEC. & COMM. LINES

BM #1
SQUARE CUT: SET ON TOP OF CONCRETE SIDEWALK
ELEVATION = 169.16(NAVD88)
N=16636408.46003
E=1040796.7994
(NAD83)

P.O. BOX 720428, McAllen, Tx 78504
T 956-661-0400 | goerco.com

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
8/8/2023

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Date	Description
1	8/8/2023	ADDENDUM #1

PROJECT NO.: 21087
ISSUE DATE: 8/8/2023
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

PAVING & DIMENSIONAL CONTROL PLAN

Sheet Number

C2.00

Project Status:

CONSTRUCTION DOCUMENTS

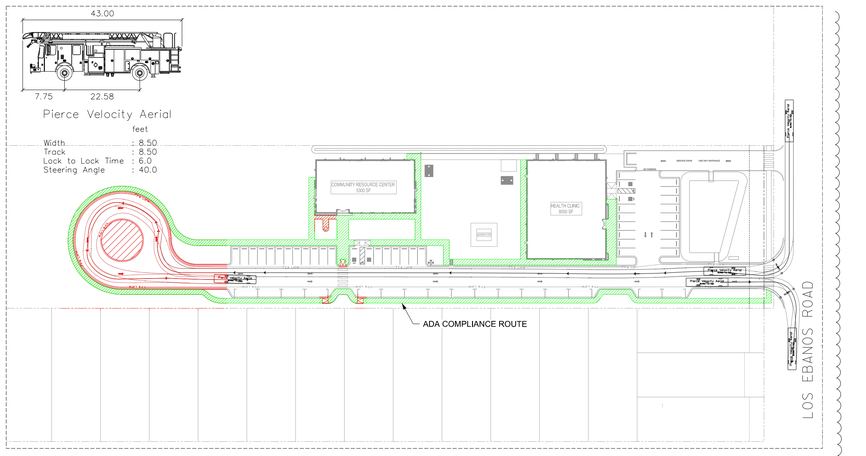
811 Know what's below. Call before you dig.

THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING SIZE, TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT THE GEORGETOWN AREA "ONE CALL" SYSTEM AT 1-800-344-8377 (DIG TESS) 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION FOR EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR FIELD VERIFYING LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES, AND SHALL IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR- DAMAGED UTILITIES TO THE UTILITY COMPANY'S APPROVAL AT THE EXPENSE OF THE CONTRACTOR.

halff
5000 WEST MILITARY, SUITE 100
McALLEN, TX 78503
(956) 664-0286

8/11/2022 8:41:25 AM
Autodesk Docs://21087 - Hidalgo County El Paraiso Building/21087 Hidalgo County El Paraiso Bldg_Base.rvt

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC



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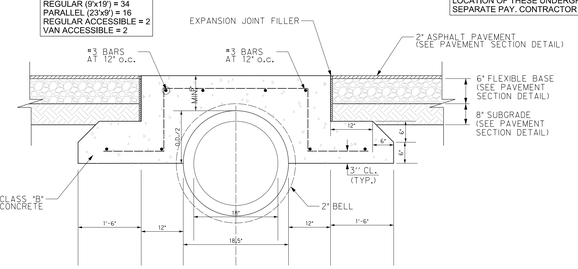
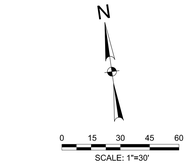


RCP PAVING DETAIL

NTS



LEGEND

PROPOSED	EXISTING	
	CI	INLET
	GI	GRATE INLET
	MH	MANHOLE
	WV	GATE VALVE & BOX
	M	WATER METER
	FH	FIRE HYDRANT
	SSCO	SANITARY CLEAN OUT
		ELECTRIC POLE
	EB	ELECTRIC BOX
	PP	POWER POLE
	TPED	TELEPHONE PEDESTAL
—x—x—		FENCE
TS		TRAFFIC SIGN
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	EX UGE	UNDERGROUND ELECTRIC
	EX GAS	GAS LINE
	EX F/O	FIBER OPTIC LINE
	EX TEL	TELEPHONE LINE
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	EX 6"WW	SAN. SEWER
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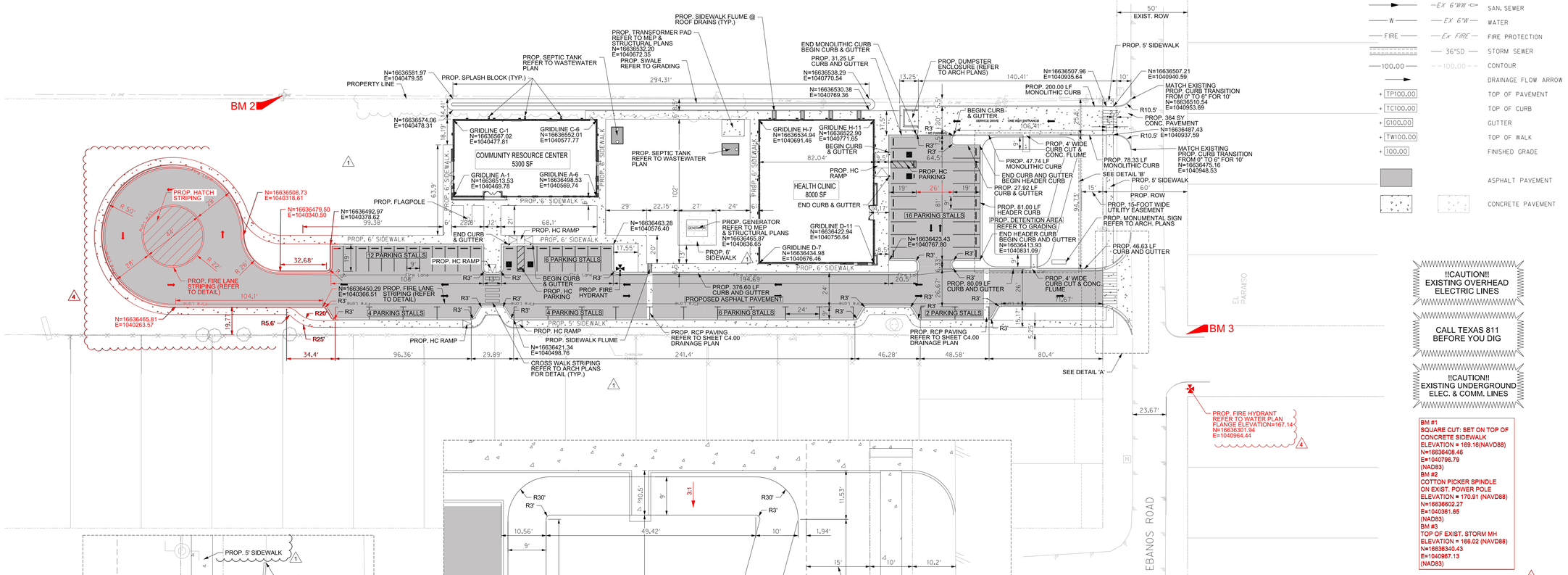
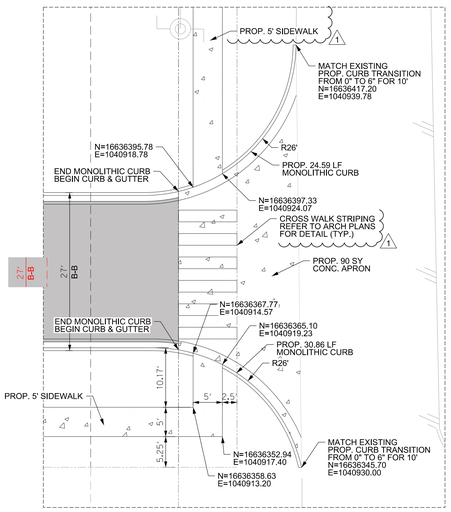
+ 100.00		FINISHED GRADE
		ASPHALT PAVEMENT
		CONCRETE PAVEMENT





DETAIL 'A'

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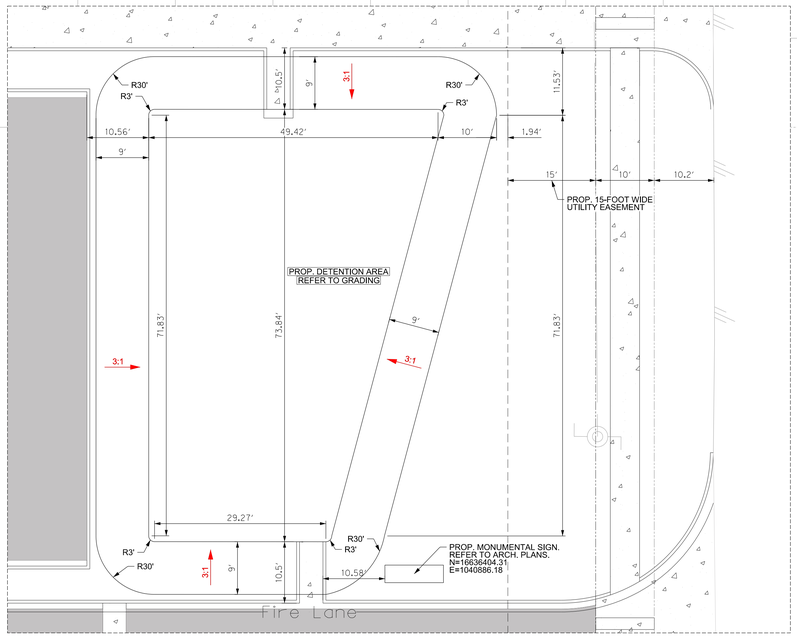

DETAIL 'B'

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halff
5000 WEST MILITARY, SUITE 100
McALLEN, TX 78503
(956) 664-0286

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architecture + engineering
P.O. BOX 720428, McAllen, Tx 78504
T 956-661-0400 | goero.com

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HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Date	Description
1	8/4/2023	ADDENDUM #1
2	9/6/2023	ADDENDUM #2
4	3/14/2024	ASI 001

PROJECT NO.: 21087
ISSUE DATE: 3/14/2024
DRAWN BY: SK
CHECKED BY: RG
SHEET NAME

PAVING & DIMENSIONAL CONTROL PLAN

Sheet Number

C2.00

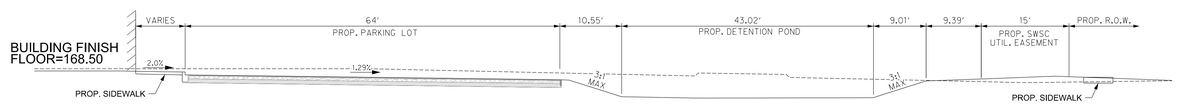
Project Status:

CONSTRUCTION DOCUMENTS

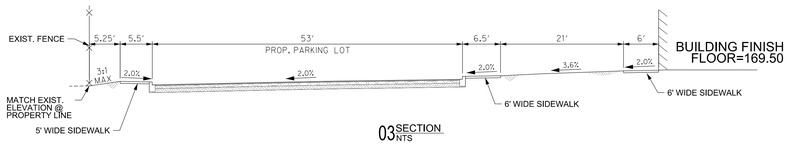
Sheet

C3.00

01 SECTION NTS



02 SECTION NTS



03 SECTION NTS

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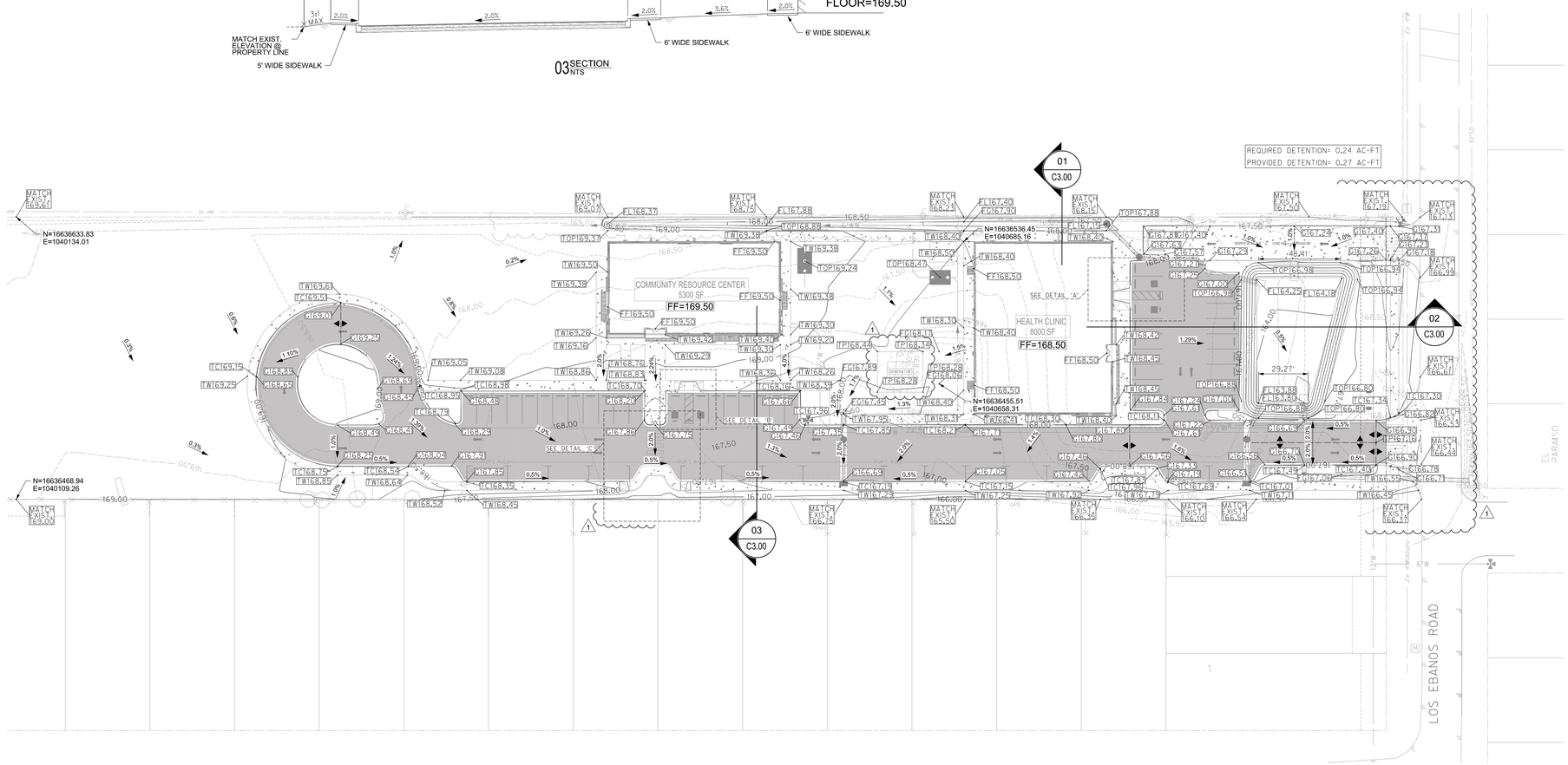
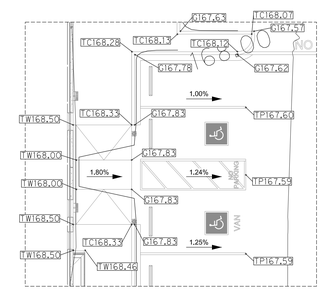
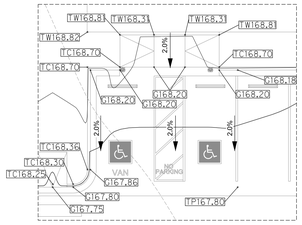




DETAIL 'A'
NTS



DETAIL 'B'
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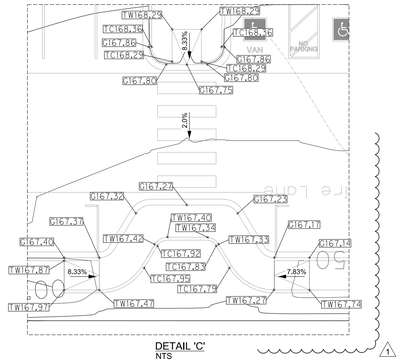

DETAIL 'C'
NTS

GRADING NOTES:

1. ALL PROP. SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2% AND RUNNING SLOPES SHALL NOT EXCEED 5%.
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3. ALL PROP. CURB RAMP SIDE SLOPES SHALL NOT EXCEED 2%. RUNNING SLOPES SHALL NOT EXCEED 8.33%.
4. ALL SPOT ELEVATIONS AND PROPOSED CONTOURS REPRESENT FINISHED GRADES. TOPS OF PAVEMENT, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBTRACTING NECESSARY SOD, PAVEMENT THICKNESS, TOPSOIL DEPTH, ETC. TO ARRIVE AT ROUGH GRADE ELEVATIONS.
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N

0 15 30 45 60

SCALE: 1"=30'

LEGEND

PROPOSED	EXISTING	
■	CI	INLET
▥	GI	GRATE INLET
●	MH	MANHOLE
◔	WV	GATE VALVE & BOX
		WATER METER
✠	FH	FIRE HYDRANT
	SSCO	SANITARY CLEAN OUT
		ELECTRIC POLE
	EB	ELECTRIC BOX
	PP	POWER POLE
	TPED	TELEPHONE PEDESTAL
	—x—x—	FENCE
	TS	TRAFFIC SIGN
	— EX OHE —	OVERHEAD ELECTRIC
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	— Ex GAS —	GAS LINE
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		SAN. SEWER
		WATER
		FIRE PROTECTION
		STORM SEWER
		CONTOUR
→		DRAINAGE FLOW ARROW
+ TP100.00		TOP OF PAVEMENT
+ TC100.00		TOP OF CURB
+ G100.00		GUTTER
+ TW100.00		TOP OF WALK
+ 100.00		FINISHED GRADE
■		ASPHALT PAVEMENT
		CONCRETE PAVEMENT

!!CAUTION!!
EXISTING OVERHEAD ELECTRIC LINES

CALL TEXAS 811 BEFORE YOU DIG

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EXISTING UNDERGROUND ELEC. & COMM. LINES

811 Know what's below. Call before you dig.

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halff
5000 WEST MILITARY, SUITE 100
McALLEN, TX 78503
(956) 664-0286

P.O. BOX 720428, McAllen, Tx 78504
T 956-661-0400 | goero.com

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
8/8/2023

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Date	Description
1	8/8/2023	ADDENDUM #1

PROJECT NO.: 21087
ISSUE DATE: 8/8/2023
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

GRADING PLAN

Sheet Number

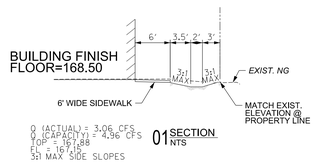
C3.00

Project Status:

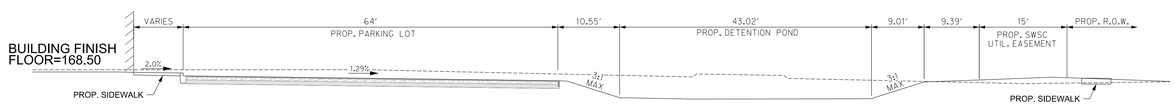
CONSTRUCTION DOCUMENTS

8/11/2023 8:41:25 AM
Autodesk Docs://21087 - Hidalgo County El Paraiso Building/21087 Hidalgo County El Paraiso Bldg_Base.rvt

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC



01 SECTION
NTS



02 SECTION
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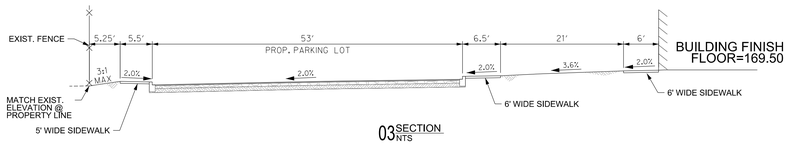

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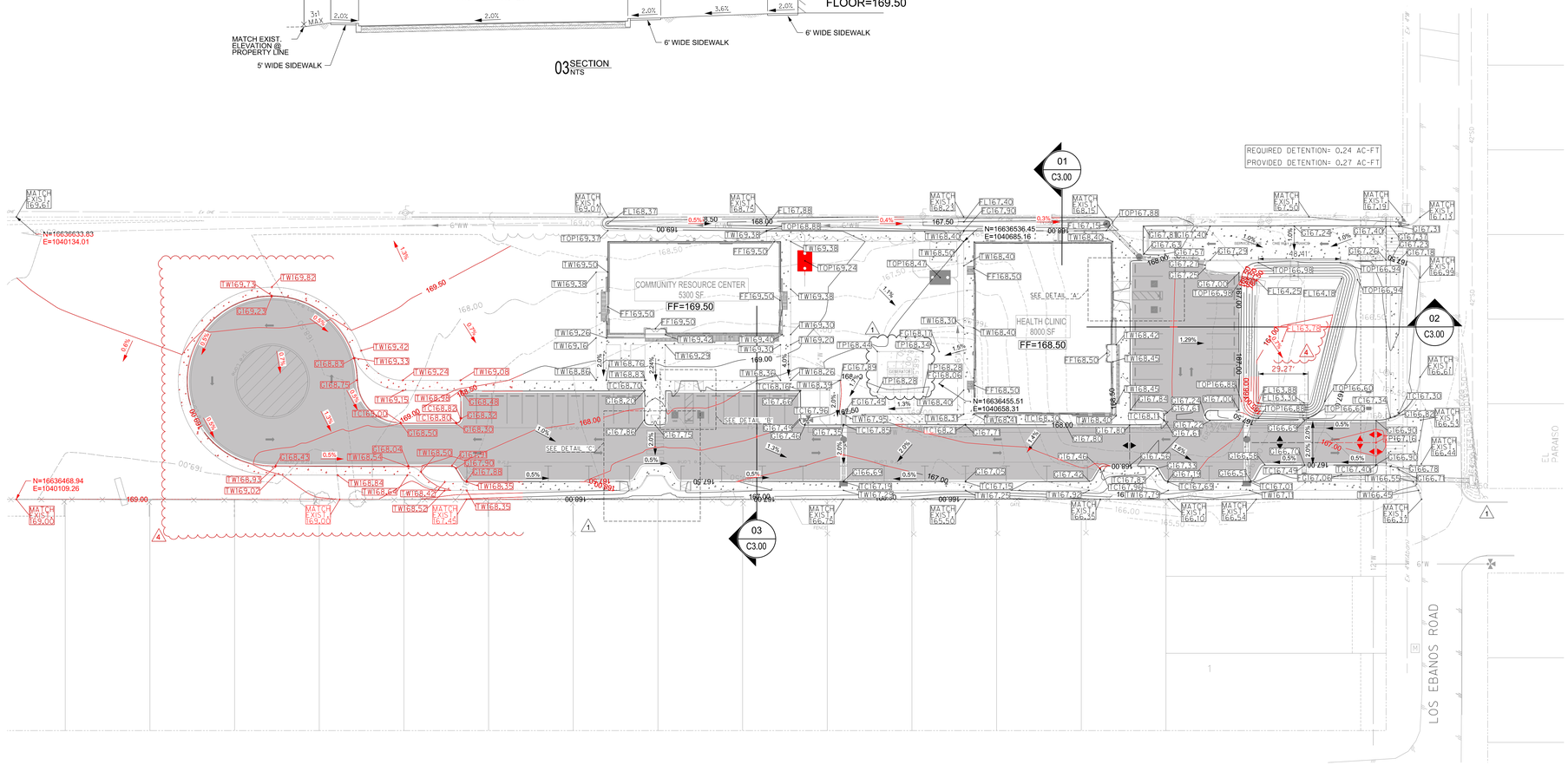

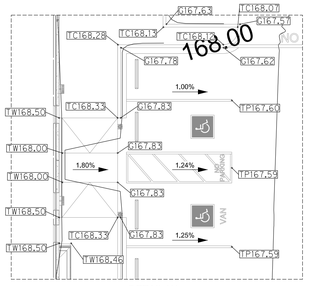

DETAIL 'A'
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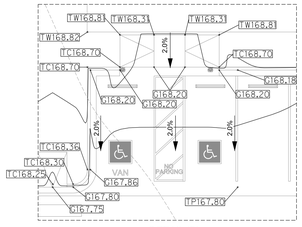

DETAIL 'B'
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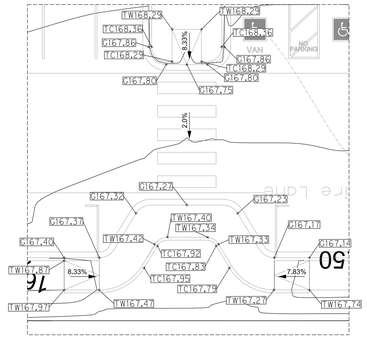

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SCALE: 1"=30'

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◔	WV	GATE VALVE & BOX
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✠	FH	FIRE HYDRANT
	SSCO	SANITARY CLEAN OUT
		ELECTRIC POLE
	EB	ELECTRIC BOX
	PP	POWER POLE
	TPED	TELEPHONE PEDESTAL
	—x—x—	FENCE
	TS	TRAFFIC SIGN
	— EX OHE —	OVERHEAD ELECTRIC
	— EX UGE —	UNDERGROUND ELECTRIC
	— Ex GAS —	GAS LINE
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+ TP100.00		TOP OF PAVEMENT
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BM #1
SQUARE CUT: SET ON TOP OF CONCRETE SIDEWALK
ELEVATION = 169.16(NAVD88)
N=16636408.46
E=1040796.79
(NAD83)
BM #2
COTTON PICKER SPINDLE ON EXIST. POWER POLE
ELEVATION = 170.91 (NAVD88)
N=16636602.27
E=1040361.65
(NAD83)
BM #3
TOP OF EXIST. STORM MH
ELEVATION = 166.02 (NAVD88)
N=16636340.43
E=1040967.13
(NAD83)

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architecture + engineering
P.O. BOX 720428, McAllen, Tx 78504
T 956-661-0400 | goero.com

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
3/14/2024

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Description	Date
1	ADDENDUM #1	3/14/2024

PROJECT NO.: 21087
ISSUE DATE: 3/14/2024
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

GRADING PLAN

Sheet Number

C3.00

Project Status:

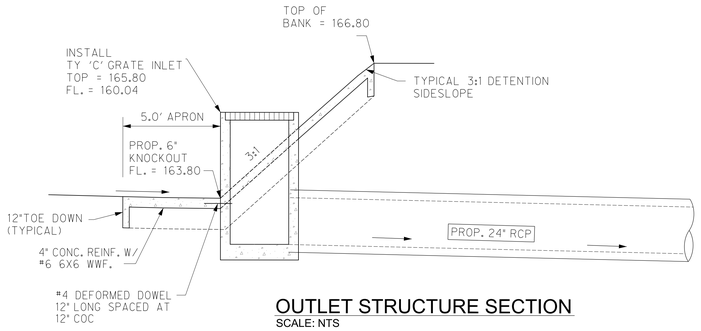
CONSTRUCTION DOCUMENTS

8/11/2022 8:41:25 AM
Autodesk Docs://21087 - Hidalgo County El Paraiso Building/21087 Hidalgo County El Paraiso Bldg_Base.rvt

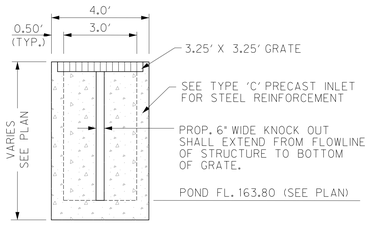
CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

Sheet

C4.00



OUTLET STRUCTURE SECTION
SCALE: NTS



TYPICAL OUTLET STRUCTURE ELEVATION
SCALE: NTS

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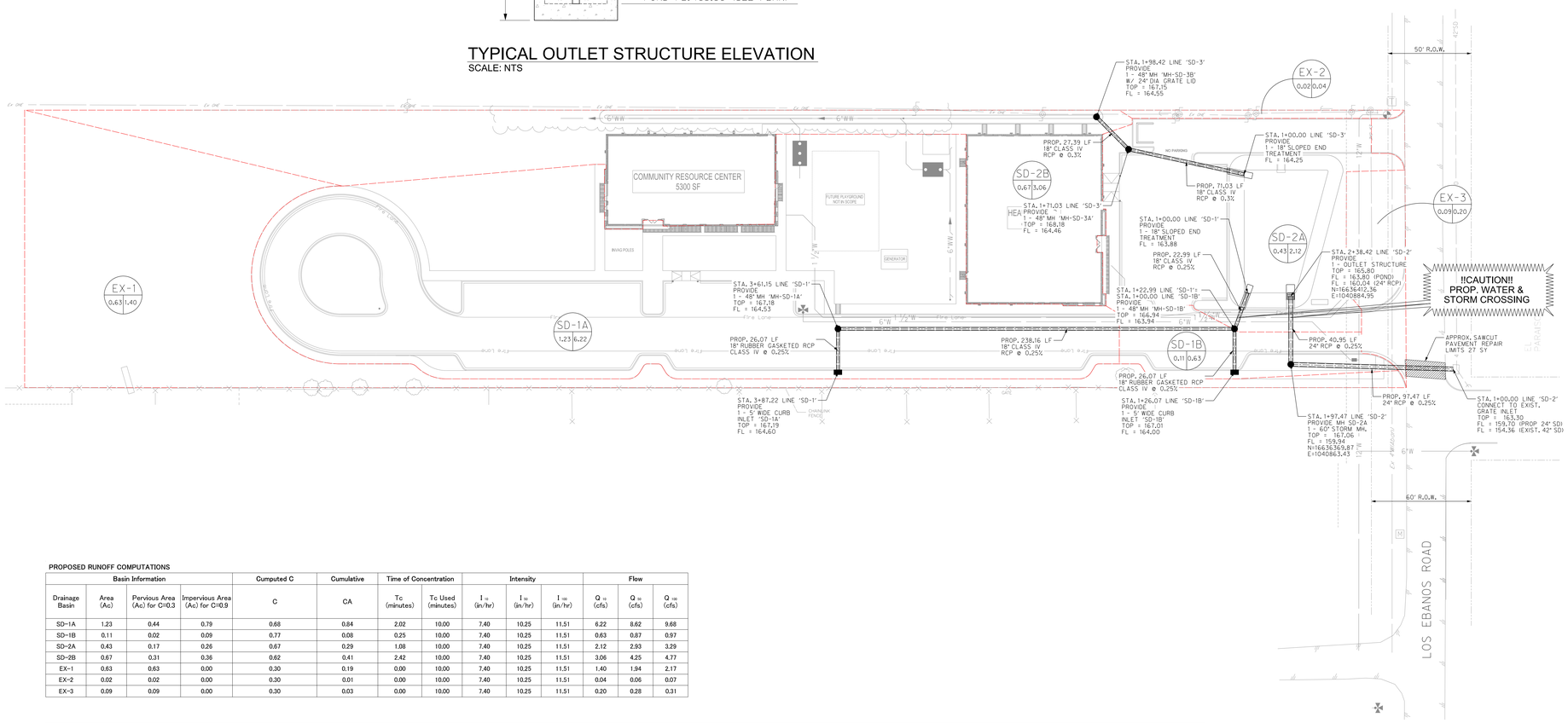

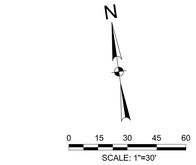

LEGEND

PROPOSED	EXISTING	
■	CI □	INLET
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◔	WV ○	GATE VALVE & BOX
		WATER METER
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	SSCO ○	SANITARY CLEAN OUT
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	—x—x—	FENCE
	TS	TRAFFIC SIGN
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	— Ex TEL —	TELEPHONE LINE
		ASPHALT PAVEMENT
	— EX 6"WW —	SAN. SEWER
— W —	— EX 6"W —	WATER
— FIRE —	— Ex FIRE —	FIRE PROTECTION
	— 36"SD —	STORM SEWER
— 100.00 —	— 100.00 —	CONTOUR
		DRAINAGE FLOW ARROW
+ TP100.00		TOP OF PAVEMENT
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ELECTRIC LINES

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BEFORE YOU DIG

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EXISTING UNDERGROUND
ELEC. & COMM. LINES

AREA ID
X-X
X.XX/X.XX
AREA (ACRES)
FLOW 'Q' (CFS)

Q (CFS) = CIA
C (COMMERICAL) = 0.9
Tc (MINUTES) = 10
I(25yr) = 9.01

DRAINAGE AREA LIMITS

PROPOSED RUNOFF COMPUTATIONS

Basin Information				Cumputed C	Cumulative	Time of Concentration		Intensity			Flow		
Drainage Basin	Area (Ac)	Pervious Area (Ac) for C=0.3	Impervious Area (Ac) for C=0.9	C	CA	Tc (minutes)	Tc Used (minutes)	I_{10} (in/hr)	I_{50} (in/hr)	I_{100} (in/hr)	Q_{10} (cfs)	Q_{50} (cfs)	Q_{100} (cfs)
SD-1A	1.23	0.44	0.79	0.68	0.84	2.02	10.00	7.40	10.25	11.51	6.22	8.62	9.68
SD-1B	0.11	0.02	0.09	0.77	0.08	0.25	10.00	7.40	10.25	11.51	0.63	0.87	0.97
SD-2A	0.43	0.17	0.26	0.67	0.29	1.08	10.00	7.40	10.25	11.51	2.12	2.93	3.29
SD-2B	0.67	0.31	0.36	0.62	0.41	2.42	10.00	7.40	10.25	11.51	3.06	4.25	4.77
EX-1	0.63	0.63	0.00	0.30	0.19	0.00	10.00	7.40	10.25	11.51	1.40	1.94	2.17
EX-2	0.02	0.02	0.00	0.30	0.01	0.00	10.00	7.40	10.25	11.51	0.04	0.06	0.07
EX-3	0.09	0.09	0.00	0.30	0.03	0.00	10.00	7.40	10.25	11.51	0.20	0.28	0.31

25-YR Proposed Conditions

RUNOFF COLLECTION POINT (Inlet or Manhole)	Distance Between Collection Points	INCREMENTAL DRAINAGE AREA			Accum-ulated "CA"	Time at Upstream Station (minutes)	Design Storm Frequency (yrs.)	Intensity "I" (inches/hr.)	Storm Water Runoff "Q" (c.f.s.)	Slope of Hydraulic Gradient "S" (ft./ft.)	Number of Conduits	Selected Storm Sewer Height (in)	Velocity In Sewer Between Collection Points "V" (f.p.s.)	Head Loss Coeff. Kj	Velocity Head Loss of Upstream Station Kj*(V/2g) (feet)	Flow Time in Sewer Distance V x 60 (minutes)	Hydraulic Grade		
		Drainage Area "A" (Acres)	Runoff Coeff. "C"	Incremental "CA"															
INLET 'SD-1A'	26.07	1.23	0.68	0.84	0.84	10.00	25	9.01	7.58	0.0052	1	18	4.29	1.25	0.36	0.10	166.57	166.93	167.06
MH-SD-1A	238.16	0.00	0.68	0.00	0.84	10.10	25	8.98	7.55	0.0052	1	18	4.28	0.50	0.14	0.93	165.20	165.34	166.57
MH-SD-1B	22.99	0.00	0.77	0.00	0.93	11.03	25	8.70	8.05	0.0059	1	18	4.56	0.50	0.18	0.08	164.88	165.06	165.20
(To Detention Pond)																			
Inlet SD-1B	26.07	0.11	0.77	0.08	0.08	10.00	25	9.01	0.76	0.0001	1	18	0.43	1.25	0.00	1.01	166.57	166.57	166.57
(To MH-SD-1B)																			
MH-SD-2B	27.39	0.67	0.62	0.41	0.41	10.00	25	9.01	3.73	0.0013	1	18	2.11	1.25	0.09	0.22	165.87	165.96	165.99
MH-SD-2A	71.03	0.00	0.67	0.00	0.41	10.22	25	8.95	3.71	0.0012	1	18	2.10	0.50	0.03	0.56	165.75	165.78	165.87
(To Detention)																			

**RAINFALL INTENSITY-DURATION-FREQUENCY COEFFICIENTS FOR TEXAS*
Based on "National Oceanic and Atmospheric Administration's (NOAA) Atlas 14
Precipitation-Frequency Atlas of the United States, Volume 11 Version 2.0: Texas" (Perica et al. 2018)

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
8/2/2023

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Description	Date

PROJECT NO.: 21087
ISSUE DATE: 8/2/2023
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

DRAINAGE PLAN

Sheet Number

C4.00

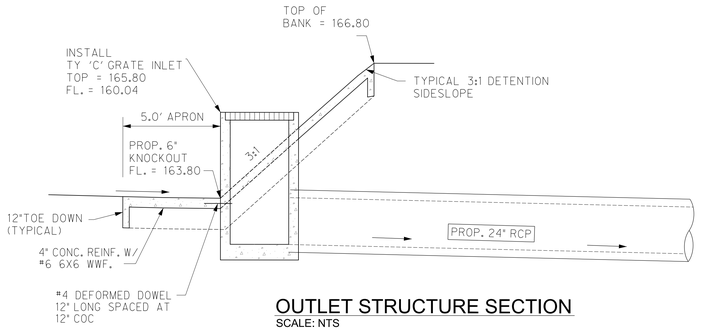
Project Status:

CONSTRUCTION DOCUMENTS

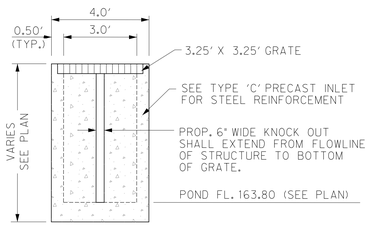
811 Know what's below. Call before you dig.

THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING SIZE, TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT THE GEORGETOWN AREA "ONE CALL" SYSTEM AT 1-800-344-8377 (DIG TESS) 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION FOR EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR FIELD VERIFYING LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES, AND SHALL IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR- DAMAGED UTILITIES TO THE UTILITY COMPANY'S APPROVAL AT THE EXPENSE OF THE CONTRACTOR.

halff
5000 WEST MILITARY, SUITE 100
McALLEN, TX 78503
(956) 664-0286



OUTLET STRUCTURE SECTION
SCALE: NTS



TYPICAL OUTLET STRUCTURE ELEVATION
SCALE: NTS

NOTICE TO CONTRACTORS

1. PRIOR TO CONSTRUCTION OF ANY PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE HORIZONTAL AND VERTICAL LOCATION OF BURIED UTILITIES AND STRUCTURES, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

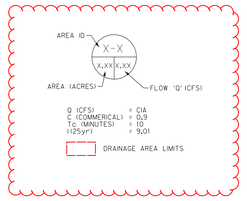
   TELEPHONE, STORMSEWER, WATER, GAS, CABLE TV, SANITARY SEWER, ELECTRIC.

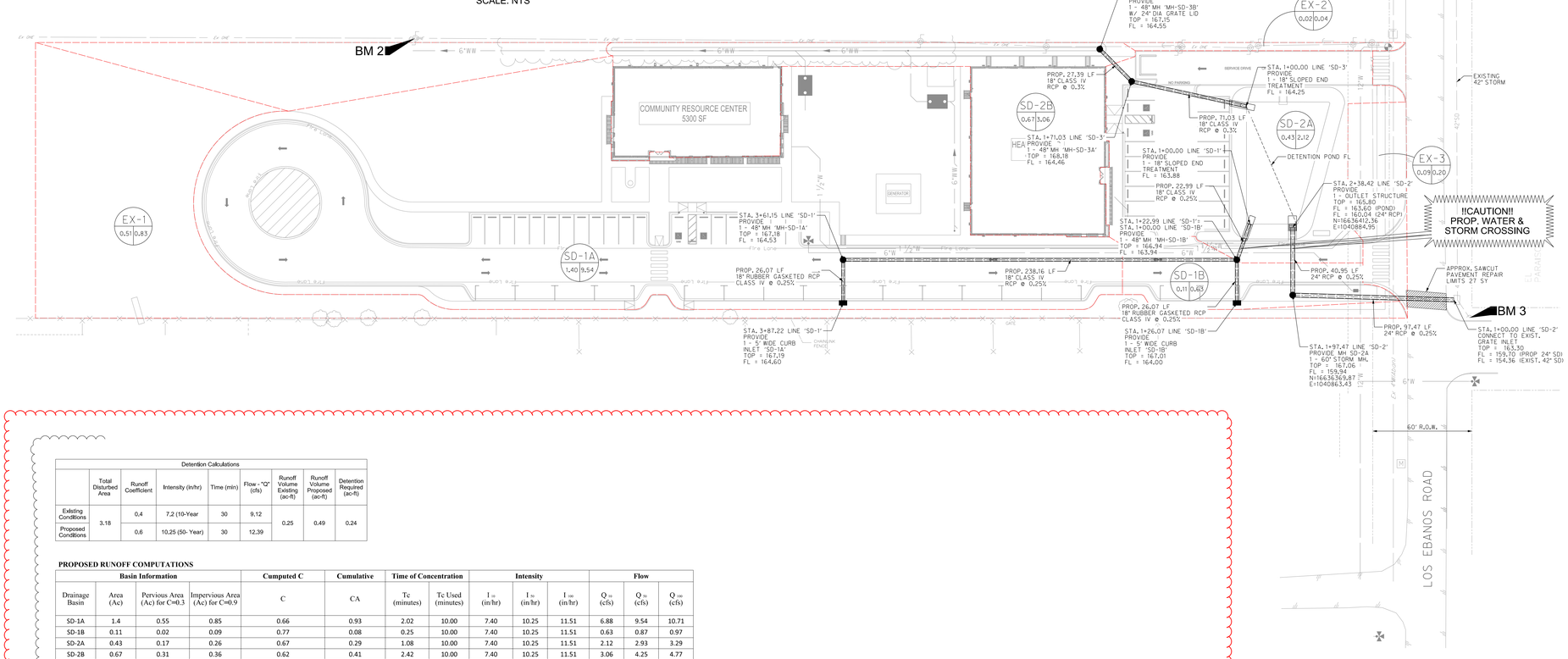
2. IF DISCREPANCIES OCCUR BETWEEN THAT WHICH IS SHOWN ON THE PLANS AND CONDITIONS PRESENT IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING IMMEDIATELY. FAILURE TO DO SO SHALL ABSOLVE OWNER AND ENGINEER OF LIABILITY AND ASSOCIATED COST.

***** STOP! CALL BEFORE YOU DIG! *****

AS REQUIRED BY "THE TEXAS UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT" TEXAS811 MUST BE CONTACTED AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION OPERATIONS BEING PERFORMED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS ONE CALL SYSTEM. THE CONTRACTOR SHALL ALSO CALL 811. AND ALL OTHER LOCATED COMPANIES PRIOR TO EXCAVATION ACTIVITIES.

INFORMATION ON EXISTING UTILITIES IS FROM BEST AVAILABLE INFORMATION OF RECORD AND SPOT FIELD LOCATIONS. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ACCURATELY DEPICT ALL UTILITIES, NOT ALL (PUBLIC AND PRIVATE) MAY BE SHOWN. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION AND LOCATION OF THESE UNDERGROUND UTILITIES AS REQUIRED AT NO SEPARATE PAY. CONTRACTOR TO COORDINATE WITH ALL UTILITY COMPANIES.





BM #1
SQUARE CUT: SET ON TOP OF CONCRETE SIDEWALK
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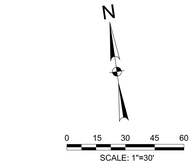
N=16636408.46
E=1040796.79
(NAD83)
BM #2
COTTON PICKER SPINDLE ON EXIST. POWER POLE
ELEVATION = 170.91 (NAVD88)
N=16636602.27
E=1040361.65
(NAD83)
BM #3
TOP OF EXIST. STORM MH
ELEVATION = 166.02 (NAVD88)
N=16636340.43
E=1040967.13
(NAD83)

2



LEGEND

PROPOSED	EXISTING	
■	CI □	INLET
▥	GI □	GRATE INLET
●	MH ○	MANHOLE
◔	WV ⊖	GATE VALVE & BOX
		WATER METER
✠	FH ●	FIRE HYDRANT
	SSCO ○	SANITARY CLEAN OUT
	○	ELECTRIC POLE
	EB □	ELECTRIC BOX
	PP ○	POWER POLE
	TPED □	TELEPHONE PEDESTAL
	—x—x—	FENCE
	TS	TRAFFIC SIGN
	— EX OHE —	OVERHEAD ELECTRIC
	— EX UGE —	UNDERGROUND ELECTRIC
	— Ex GAS —	GAS LINE
	— Ex F/O —	FIBER OPTIC LINE
	— Ex TEL —	TELEPHONE LINE
		ASPHALT PAVEMENT
	— EX 6"WW —	SAN. SEWER
— W —	— EX 6"W —	WATER
— FIRE —	— Ex FIRE —	FIRE PROTECTION
	— 36"SD —	STORM SEWER
— 100.00 —	— 100.00 —	CONTOUR
		DRAINAGE FLOW ARROW
+ TP100.00		TOP OF PAVEMENT
+ TC100.00		TOP OF CURB
+ G100.00		GUTTER
+ TW100.00		TOP OF WALK
+ 100.00		FINISHED GRADE
▩		ASPHALT PAVEMENT
▩	▩	CONCRETE PAVEMENT

Detention Calculations								
	Total Disturbed Area	Runoff Coefficient	Intensity (in/hr)	Time (min)	Flow - "Q" (cfs)	Runoff Volume Existing (ac-ft)	Runoff Volume Proposed (ac-ft)	Detention Required (ac-ft)
Existing Conditions	3.18	0.4	7.2 (10-Year	30	9.12	0.25	0.49	0.24
Proposed Conditions		0.6	10.25 (50- Year)	30	12.39			

PROPOSED RUNOFF COMPUTATIONS

Basin Information				Cumputed C	Cumulative	Time of Concentration		Intensity			Flow		
Drainage Basin	Area (Ac)	Pervious Area (Ac) for C=0.3	Impervious Area (Ac) for C=0.9	C	CA	Tc (minutes)	Tc Used (minutes)	I_{5y} (in/hr)	I_{10} (in/hr)	I_{100} (in/hr)	Q_{5y} (cfs)	Q_{10} (cfs)	Q_{100} (cfs)
SD-1A	1.4	0.55	0.85	0.66	0.93	2.02	10.00	7.40	10.25	11.51	6.88	9.54	10.71
SD-1B	0.11	0.02	0.09	0.77	0.08	0.25	10.00	7.40	10.25	11.51	0.63	0.87	0.97
SD-2A	0.43	0.17	0.26	0.67	0.29	1.08	10.00	7.40	10.25	11.51	2.12	2.93	3.29
SD-2B	0.67	0.31	0.36	0.62	0.41	2.42	10.00	7.40	10.25	11.51	3.06	4.25	4.77
EX-1	0.51	0.63	-0.12	0.16	0.08	0.00	10.00	7.40	10.25	11.51	0.60	0.83	0.93
EX-2	0.02	0.02	0.00	0.30	0.01	0.00	10.00	7.40	10.25	11.51	0.04	0.06	0.07
EX-3	0.09	0.09	0.00	0.30	0.03	0.00	10.00	7.40	10.25	11.51	0.20	0.28	0.31

25-YR Proposed Conditions

RUNOFF COLLECTION POINT (Inlet or Manhole)	Distance Between Collection Points	INCREMENTAL DRAINAGE AREA			Accum-ulated "CA"	Time at Upstream Station (minutes)	Design Storm Frequency (yrs.)	Intensity "I" (inches/hr.)	Storm Water Runoff "Q" (c.f.s.)	Slope of Hydraulic Gradient "S" (ft./ft.)	Number of Conduits	Selected Storm Sewer Height (in)	Velocity In Sewer Between Collection Points "V" (f.p.s.)	Head Loss Coeff. Kj	Velocity Head Loss of Upstream Station $Kj*(V^2/2g)$ (feet)	Flow Time in Sewer Distance / V x 60 (minutes)	Hydraulic Grade		
		Drainage Area "A" (Acres)	Runoff Coeff. "C"	Incremental "CA"															
INLET 'SD-1A'	26.07	1.40	0.66	0.93	0.93	10.00	25	9.01	8.39	0.0064	1	18	4.75	1.25	0.44	0.09	166.94	167.38	167.54
MH-SD-1A	238.16	0.00	0.66	0.00	0.93	10.09	25	8.99	8.36	0.0063	1	18	4.73	0.50	0.17	0.84	165.26	165.43	166.94
MH-SD-1B	22.99	0.00	0.77	0.00	1.02	10.93	25	8.73	8.86	0.0071	1	18	5.01	0.50	0.22	0.08	164.88	165.10	165.26
(To Detention Pond)																			
Inlet SD-1B	26.07	0.11	0.77	0.08	0.08	10.00	25	9.01	0.76	0.0001	1	18	0.43	1.25	0.00	1.01	166.94	166.94	166.95
(To MH-SD-1B)																			
MH-SD-2B	27.39	0.67	0.62	0.41	0.41	10.00	25	9.01	3.73	0.0013	1	18	2.11	1.25	0.09	0.22	165.87	165.96	165.99
MH-SD-2A	71.03	0.00	0.67	0.00	0.41	10.22	25	8.95	3.71	0.0012	1	18	2.10	0.50	0.03	0.56	165.75	165.78	165.87
(To Detention)																			

**RAINFALL INTENSITY-DURATION-FREQUENCY COEFFICIENTS FOR TEXAS*
Based on "National Oceanic and Atmospheric Administration's (NOAA) Atlas 14
Precipitation-Frequency Atlas of the United States, Volume 11 Version 2.0: Texas" (Perica et al. 2018)

4

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5000 WEST MILITARY, SUITE 100
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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED PROFESSIONAL ENGINEER
3/14/2024

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Date	Description
2	5/22/2024	ADDENDUM #2
1	4/1/2024	ADDI

PROJECT NO.: 21087
ISSUE DATE: 3/14/2024
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME
DRAINAGE PLAN

Sheet Number
C4.00

Project Status:
CONSTRUCTION DOCUMENTS

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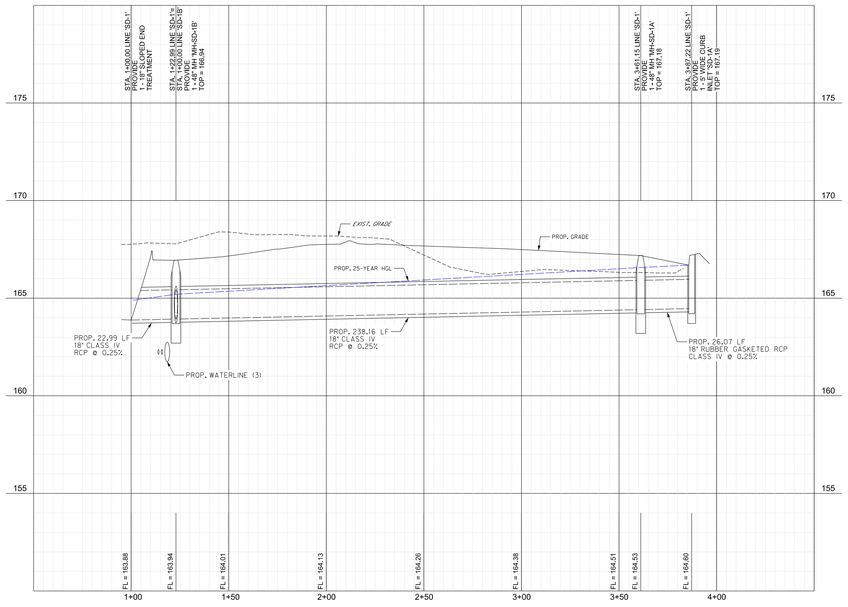
Sheet

C4.10



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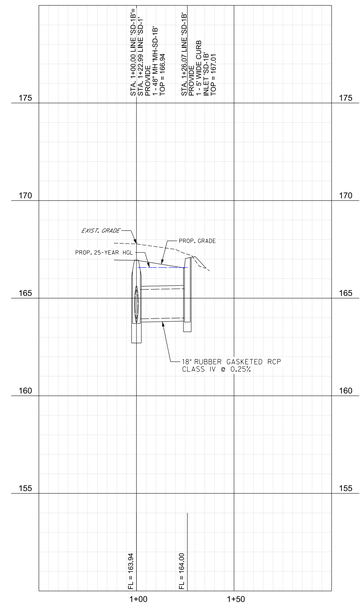

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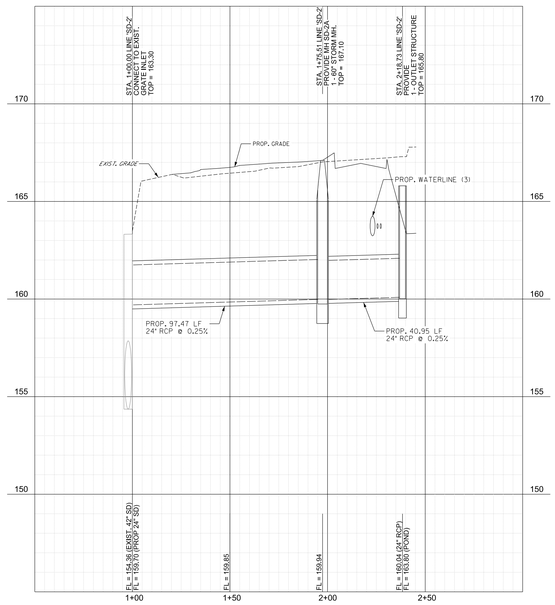

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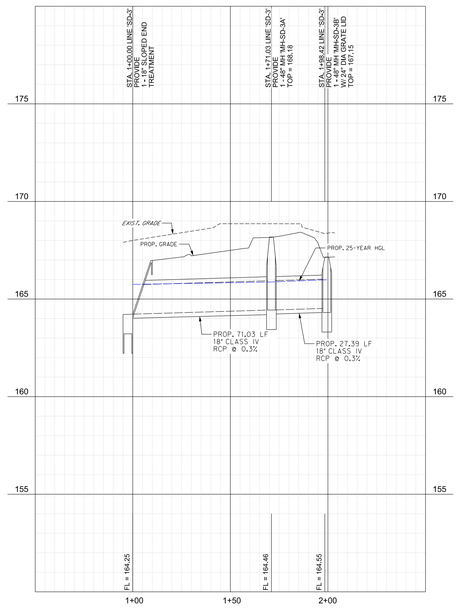

PROFILE LINE 'SD-3'

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
8/2/2023

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX

No.	Date	Description

PROJECT NO.: 21087
ISSUE DATE: 8/2/2023
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

DRAINAGE PROFILES

Sheet Number

C4.01

Project Status:

CONSTRUCTION DOCUMENTS

8/17/2022 8:41:25 AM
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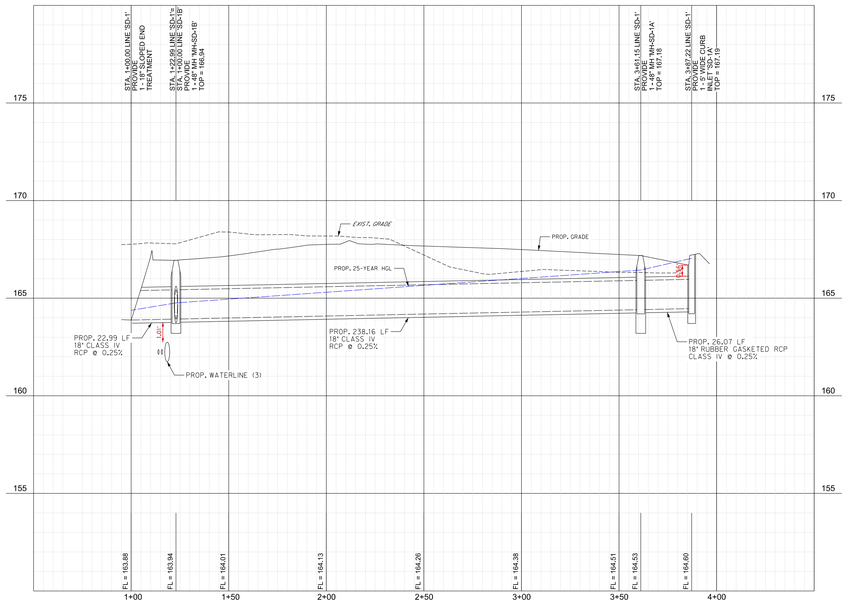
CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC



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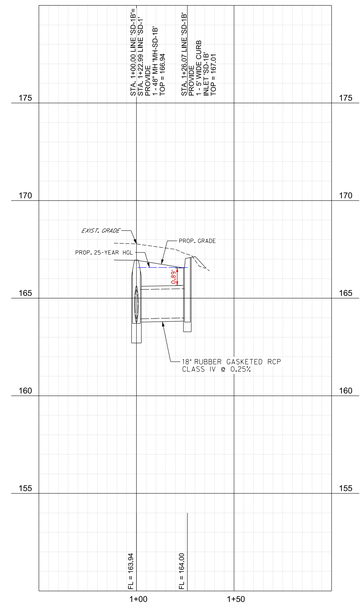

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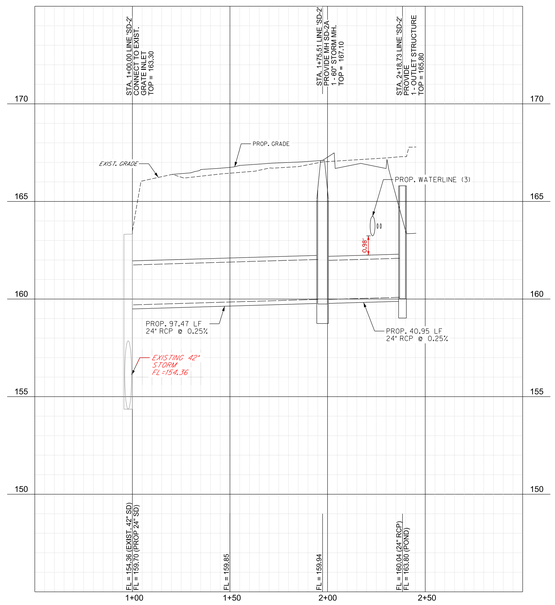

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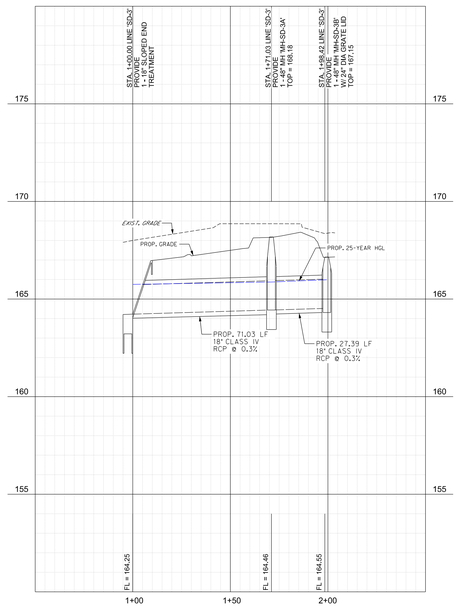

PROFILE LINE 'SD-3'

H : 1"= 30' V: 1"= 3'

4

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
3/14/2024

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX

No.	Date	Description
4	3/14/2024	ASI 001

PROJECT NO.: 21087
ISSUE DATE: 3/14/2024
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

DRAINAGE PROFILES

Sheet Number

C4.01

Project Status:

CONSTRUCTION DOCUMENTS

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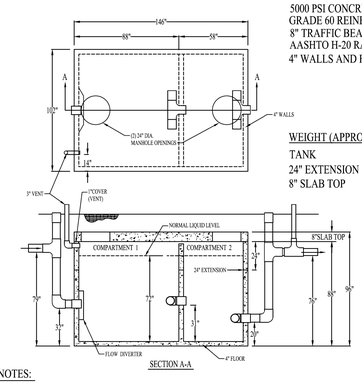
CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

Sheet

C5.00

STANDARD FEATURES:

5000 PSI CONCRETE
GRADE 60 REINFORCING
8" TRAFFIC BEARING LID
AASHTO H-20 RATED
4" WALLS AND FLOOR



SECTION A-A

WEIGHT (APPROXIMATE):

TANK	18,500 LBS
24" EXTENSION	4,200 LBS
8" SLAB TOP	11,000 LBS

NOTES:

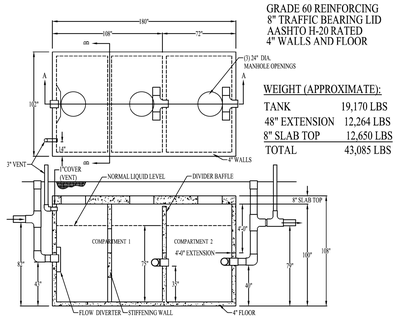
ALLOW FOR MANHOLE AND COVER IN TOTAL HEIGHT.
STANDARD INLET/OUTLET FITTINGS ARE 6" BOOT (4" AVAILABLE)
MAXIMUM BURY DEPTH TO BOTTOM OF TANK: 9 FT.

Capital Precast — CAPITAL PRECAST, INC.
6905 SOUTH OLD BASTROP HWY
SAN MARCOS, TEXAS 78666
PH. (830) 606-6200

FOR 4000 GALLON SEPTIC TANK
JOB
DRAWN DK | DATE 06/19/17 | Rev. No. | SHEET 1 of 1
FILE RemovableDisk(G:)/4000Gl.dwg

STANDARD FEATURES:

5000 PSI CONCRETE
GRADE 60 REINFORCING
8" TRAFFIC BEARING LID
AASHTO H-20 RATED
4" WALLS AND FLOOR



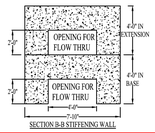
SECTION A-A

WEIGHT (APPROXIMATE):

TANK	19,170 LBS
48" EXTENSION	12,264 LBS
8" SLAB TOP	12,650 LBS
TOTAL	43,085 LBS

NOTES:

GROUND WATER MUST BE 6FT OR MORE BELOW GRADE.
ALLOW FOR MANHOLE AND COVER IN TOTAL HEIGHT.
STANDARD INLET/OUTLET FITTINGS ARE 6" BOOT (4" AVAILABLE)
MAXIMUM BURY DEPTH TO BOTTOM OF TANK:
AASHTO H-20 LOADING: 11 FT
NON TRAFFIC (SOIL) LOADING: 13 FT



SECTION B-B STIFFENING WALL

Capital Precast — CAPITAL PRECAST, INC.
6905 SOUTH OLD BASTROP HWY
SAN MARCOS, TEXAS 78666
PH. (830) 606-6200

FOR 5000 GALLON SEPTIC TANK
JOB
DRAWN DK | DATE 06/20/17 | Rev. No. | SHEET 1 of 1
FILE RemovableDisk(G:)/5000Gl.dwg

NOTICE TO CONTRACTORS

1. PRIOR TO CONSTRUCTION OF ANY PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE HORIZONTAL AND VERTICAL LOCATION OF BURIED UTILITIES AND STRUCTURES, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

   TELEPHONE, STORMSEWER, WATER, GAS, CABLE TV, SANITARY SEWER, ELECTRIC.

2. IF DISCREPANCIES OCCUR BETWEEN THAT WHICH IS SHOWN ON THE PLANS AND CONDITIONS PRESENT IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING IMMEDIATELY. FAILURE TO DO SO SHALL ABSOLVE OWNER AND ENGINEER OF LIABILITY AND ASSOCIATED COST.

***** STOP! CALL BEFORE YOU DIG! *****

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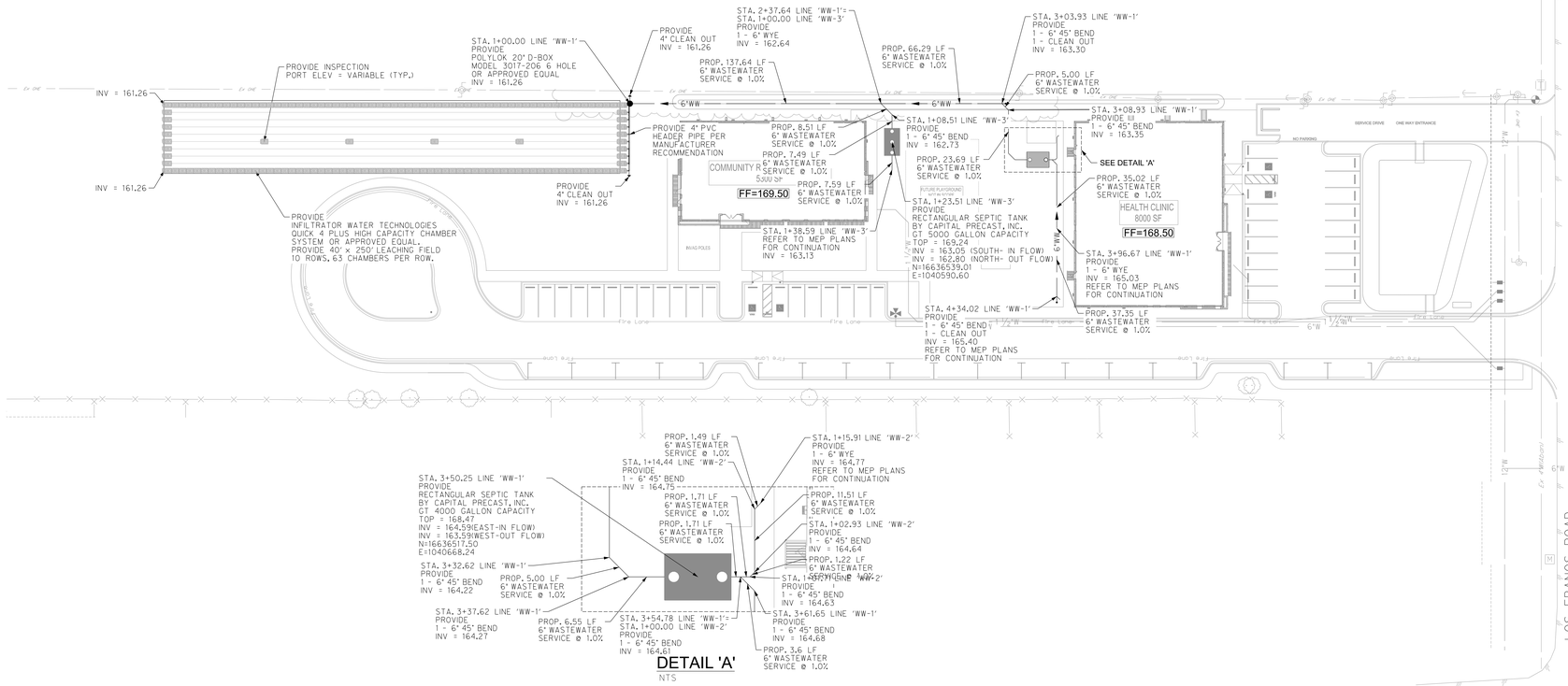
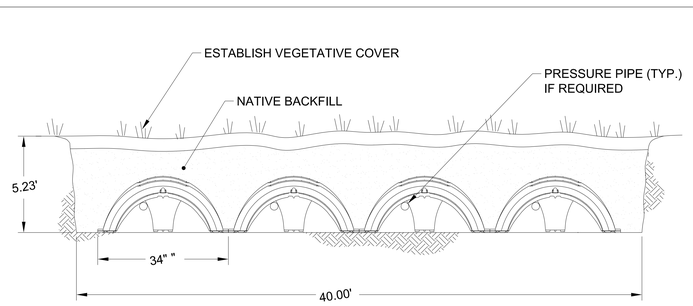
INFORMATION ON EXISTING UTILITIES IS FROM BEST AVAILABLE INFORMATION OF RECORD AND SPOT FIELD LOCATIONS. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ACCURATELY DEPICT ALL UTILITIES, NOT ALL (PUBLIC AND PRIVATE) MAY BE SHOWN. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION AND LOCATION OF THESE UNDERGROUND UTILITIES AS REQUIRED AT NO SEPARATE PAY. CONTRACTOR TO COORDINATE WITH ALL UTILITY COMPANIES.

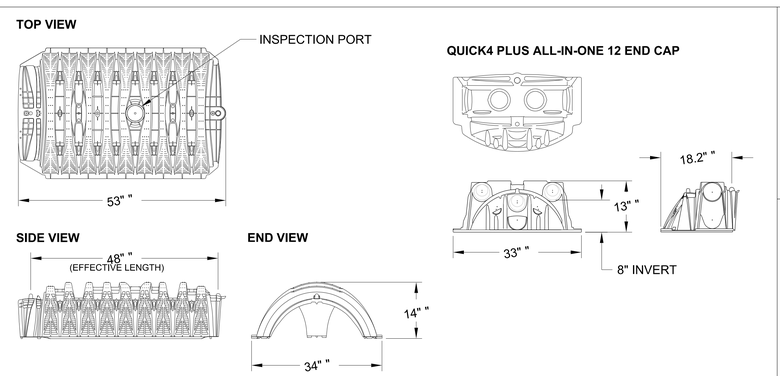


DETAIL 'A'
NTS

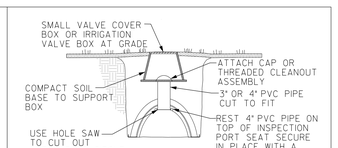


*SIZE OF SYSTEM DETERMINED BY DESIGN

INFILTRATOR WATER TECHNOLOGIES
QUICK4 PLUS HIGH CAPACITY CHAMBER
TYPICAL BED DETAIL SECTION VIEW
NTS



INFILTRATOR WATER TECHNOLOGIES
QUICK4 PLUS HIGH CAPACITY CHAMBER
PRODUCT SPECIFICATIONS
NTS



INSPECTION PORT DETAIL W/ VALVE BOX
NTS

SCALE: 1"=30'

LEGEND

PROPOSED	EXISTING	
■	CI □	INLET
▥	GI □	GRATE INLET
●	MH ○	MANHOLE
◔	WV ○	GATE VALVE & BOX
		WATER METER
✠	FH ●	FIRE HYDRANT
	SSCO ○	SANITARY CLEAN OUT
		ELECTRIC POLE
	EB □	ELECTRIC BOX
	PP	POWER POLE
	TPED □	TELEPHONE PEDESTAL
	—x—x—	FENCE
	TS	TRAFFIC SIGN
	— EX OHE —	OVERHEAD ELECTRIC
	— EX UGE —	UNDERGROUND ELECTRIC
	— Ex GAS —	GAS LINE
	— Ex F/O —	FIBER OPTIC LINE
	— Ex TEL —	TELEPHONE LINE
		ASPHALT PAVEMENT
——►	— EX 6"WW —	SAN. SEWER
— W —	— EX 6"W —	WATER
— FIRE —	— Ex FIRE —	FIRE PROTECTION
	— 36"SD —	STORM SEWER
100.00	100.00	CONTOUR
——►		DRAINAGE FLOW ARROW
+ TP100.00		TOP OF PAVEMENT
+ TC100.00		TOP OF CURB
+ G100.00		GUTTER
+ TW100.00		TOP OF WALK
+ 100.00		FINISHED GRADE
■		ASPHALT PAVEMENT
▪ ▪ ▪	▪ ▪ ▪	CONCRETE PAVEMENT

!!CAUTION!!
EXISTING OVERHEAD
ELECTRIC LINES

CALL TEXAS 811
BEFORE YOU DIG

!!CAUTION!!
EXISTING UNDERGROUND
ELEC. & COMM. LINES

BM #1
SQUARE CUT: SET ON TOP OF CONCRETE SIDEWALK
ELEVATION = 189.16(NAVD88)
N=16636408.46003
E=1040796.7994
(NAD83)

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halff
5000 WEST MILITARY, SUITE 100
MCALLEN, TX 78503
(956) 664-0286

P.O. BOX 720428, McAllen, Tx 78504
T 956-661-0400 | goero.com

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
8/2/2023

HIDALGO COUNTY EL PARAISO
PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Description	Date

PROJECT NO.: 21087
ISSUE DATE: 8/2/2023
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

WASTEWATER PLAN

Sheet Number

C5.00

Project Status:

CONSTRUCTION DOCUMENTS

8/11/2022 8:41:25 AM
Autodesk Docs://21087 - Hidalgo County El Paraiso Building/21087 Hidalgo County El Paraiso Bldg_Base.rvt

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

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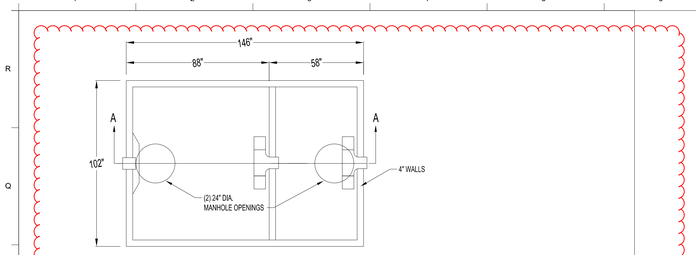
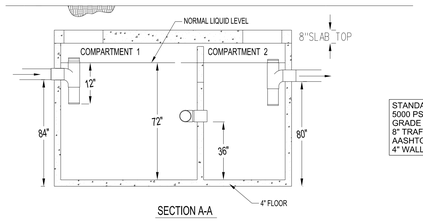
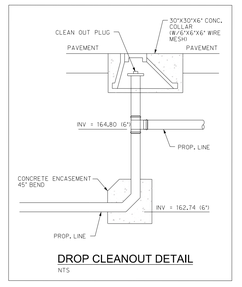




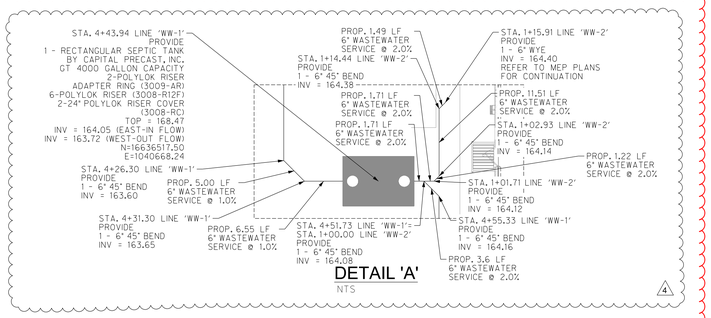
SECTION A-A

4000 GALLON SEPTIC TANK
NTS

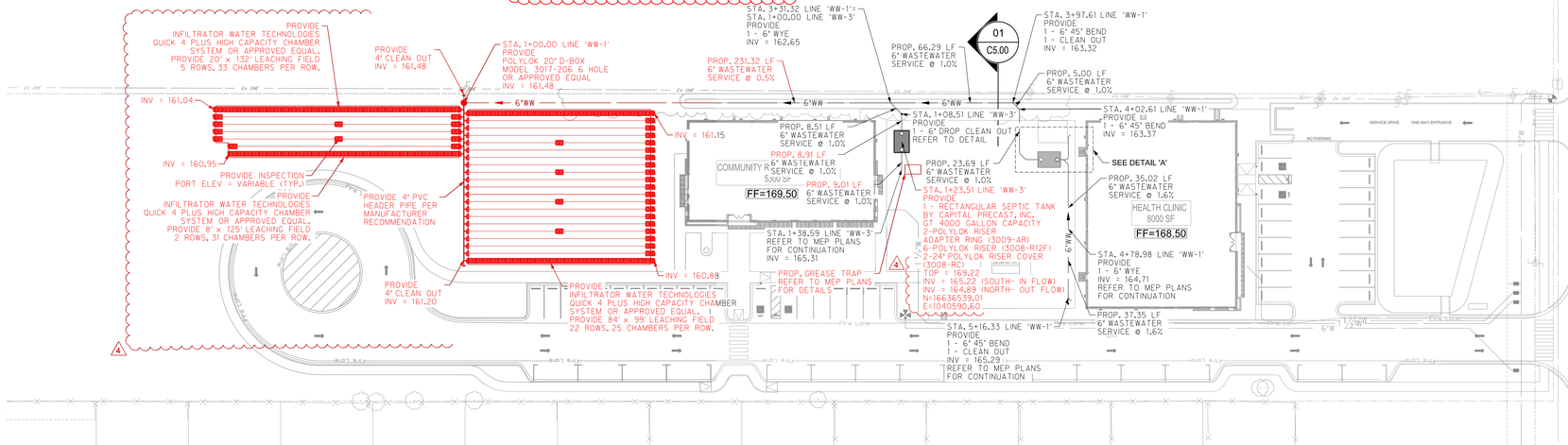
STANDARD FEATURES
5000 PSI CONCRETE
GRADE 60 REINFORCING
8" TRAFFIC BEARING LID
AASHTO H-20 RATED
4" WALLS AND FLOOR

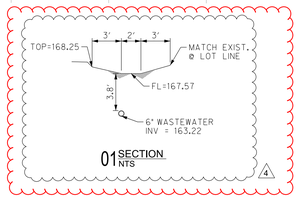


DROP CLEANOUT DETAIL
NTS



DETAIL 'A'
NTS





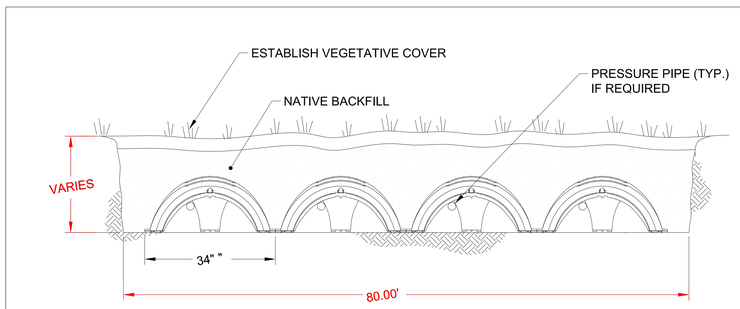
01 SECTION
NTS

COMMUNITY RESOURCE CENTER SEPTIC TANK CALCULATIONS FOR ABSORPTION FIELD

POPULATION						EVAPORATION RATE					
WOMEN	MEN	HOURS PER DAY	PEOPLE PER DAY	MAXIMUM DAILY DEMAND	SOIL CLASSIFICATION BASED ON ON-SITE SEWAGE FACILITIES OSSF	Laredo	SOIL APPLICATION RATE (Ra) PER TCEQ CH 285.91 TABLE I	MAXIMUM TRENCH SLOPE	FEET PER ROW OF CHAMBER	EXCAVATION WIDTH (EW)	FLOW IN A DAY (Q)
p/hr	p/hr	hr/day	#	gal/day				%	ft	ft	gal/day
20	20	9	360	8	III	0.23	0.25	0.33	4	84	2880

HEALTH CLINIC SEPTIC TANK CALCULATIONS FOR ABSORPTION FIELD

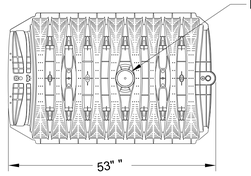
POPULATION						EVAPORATION RATE					
WOMEN	MEN	HOURS PER DAY	PEOPLE PER DAY	MAXIMUM DAILY DEMAND	SOIL CLASSIFICATION BASED ON ON-SITE SEWAGE FACILITIES OSSF	Laredo	SOIL APPLICATION RATE (Ra) PER TCEQ CH 285.91 TABLE I	MAXIMUM TRENCH SLOPE	FEET PER ROW OF CHAMBER	EXCAVATION WIDTH (EW)	FLOW IN A DAY (Q)
p/hr	p/hr	hr/day	#	gal/day				%	ft	ft	gal/day
20	20	9	360	4	III	0.23	0.25	0.33	4	28	1440



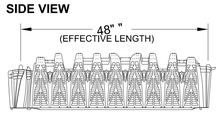
*SIZE OF SYSTEM DETERMINED BY DESIGN

INFILTRATOR WATER TECHNOLOGIES
QUICK4 PLUS HIGH CAPACITY CHAMBER
TYPICAL BED DETAIL SECTION VIEW
NTS

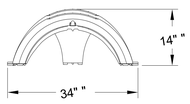
TOP VIEW



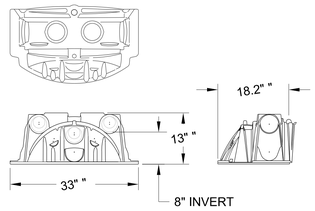
SIDE VIEW



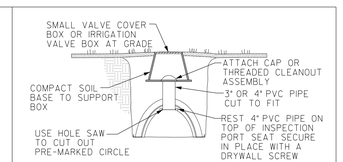
END VIEW



QUICK4 PLUS ALL-IN-ONE 12 END CAP



INFILTRATOR WATER TECHNOLOGIES
QUICK4 PLUS HIGH CAPACITY CHAMBER
PRODUCT SPECIFICATIONS
NTS



INSPECTION PORT DETAIL W/ VALVE BOX
NTS

SCALE: 1"=30'

LEGEND

PROPOSED	EXISTING	
	CI	INLET
	GI	GRATE INLET
	MH	MANHOLE
	WV	GATE VALVE & BOX
		WATER METER
	FH	FIRE HYDRANT
	SSCO	SANITARY CLEAN OUT
		ELECTRIC POLE
	EB	ELECTRIC BOX
	PP	POWER POLE
	TPED	TELEPHONE PEDESTAL
	—x—x—	FENCE
	TS	TRAFFIC SIGN
	— EX OHE —	OVERHEAD ELECTRIC
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	— Ex GAS —	GAS LINE
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	— Ex TEL —	TELEPHONE LINE
		ASPHALT PAVEMENT
	— EX 6"WW —	SAN. SEWER
W	— EX 6"W —	WATER
FIRE	— Ex FIRE —	FIRE PROTECTION
	36"SD	STORM SEWER
100.00	100.00	CONTOUR
		DRAINAGE FLOW ARROW
+ TP100.00		TOP OF PAVEMENT
+ TC100.00		TOP OF CURB
+ G100.00		GUTTER
+ TW100.00		TOP OF WALK
+ 100.00		FINISHED GRADE
		ASPHALT PAVEMENT
		CONCRETE PAVEMENT

!!CAUTION!!
EXISTING OVERHEAD ELECTRIC LINES

CALL TEXAS 811 BEFORE YOU DIG

!!CAUTION!!
EXISTING UNDERGROUND ELEC. & COMM. LINES

BM #1
SQUARE CUT: SET ON TOP OF CONCRETE SIDEWALK
ELEVATION = 169.16(NAVD88)
N=16636408.46
E=1040796.79
(NAD83)
BM #2
COTTON PICKER SPINDLE ON EXIST. POWER POLE
ELEVATION = 170.91 (NAVD88)
N=16636602.27
E=1040361.65
(NAD83)
BM #3
TOP OF EXIST. STORM MH
ELEVATION = 166.02 (NAVD88)
N=16636340.43
E=1040967.13
(NAD83)

811 Know what's **below.** **Call** before you dig.

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halff
5000 WEST MILITARY, SUITE 100
MCALLEN, TX 78503
(956) 664-0286

ero architecture + engineering
P.O. BOX 720428, McAllen, Tx 78504
T 956-661-0400 | goero.com

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
3/14/2024

HIDALGO COUNTY EL PARAISO
PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Date	Description
4	3/14/2024	ASI 001

PROJECT NO.: 21087
ISSUE DATE: 3/14/2024
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

WASTEWATER PLAN

Sheet Number

C5.00

Project Status:

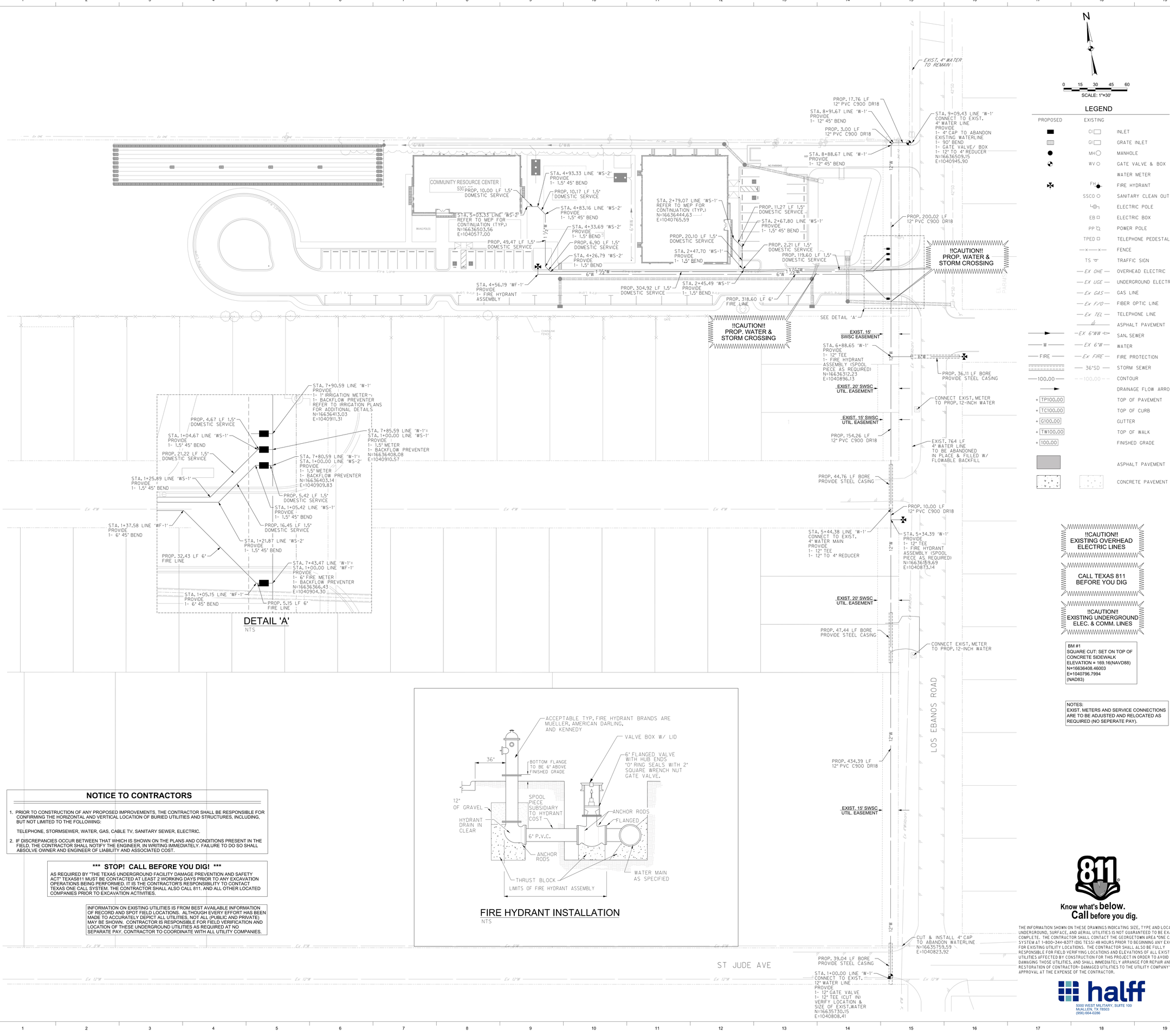
CONSTRUCTION DOCUMENTS

8/11/2022 8:41:25 AM
Autodesk Docs://21087 - Hidalgo County El Paraiso Building/21087 Hidalgo County El Paraiso Bldg_Basis.rvt

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

Sheet

C5.01



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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED PROFESSIONAL ENGINEER
8/2/2023

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

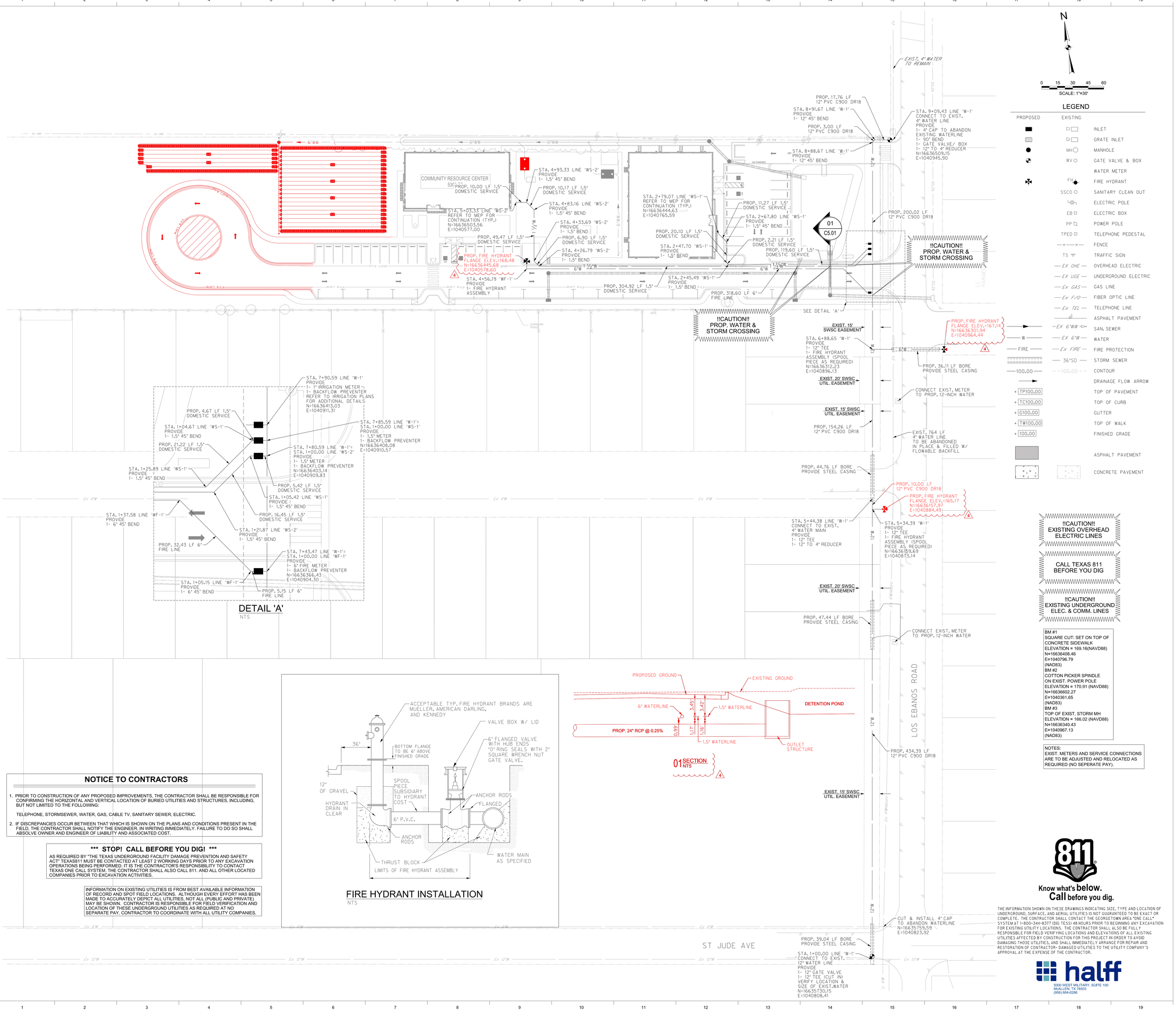
No.	Description	Date

PROJECT NO.: 21087
ISSUE DATE: 8/2/2023
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME
WATERLINE PLAN

Sheet Number
C5.01

Project Status:
CONSTRUCTION DOCUMENTS



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CAEA No. 1 to C-23-0277-11-28
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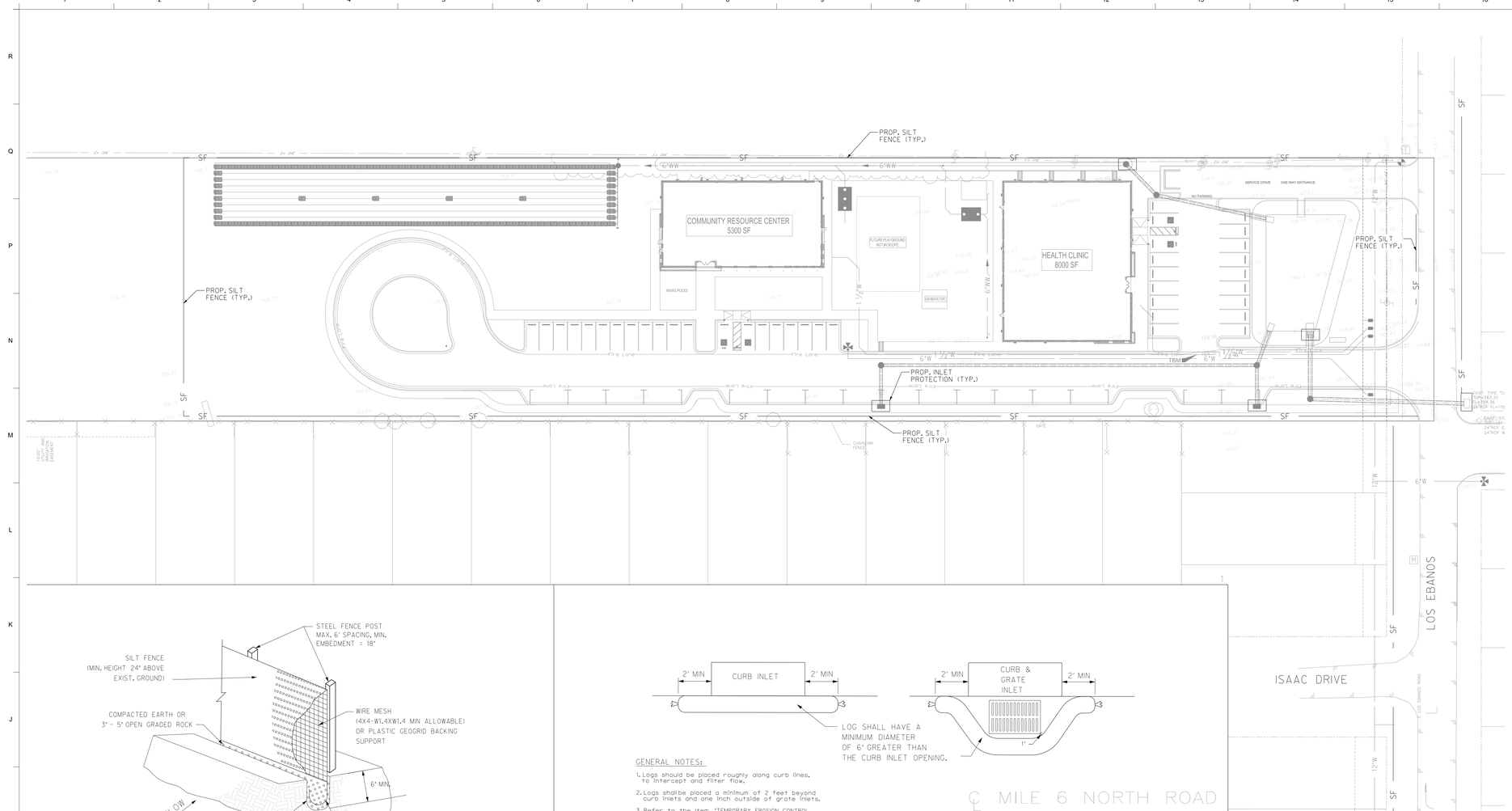

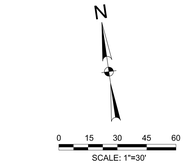

LEGEND

PROPOSED	EXISTING	
	CI	INLET
	GI	GRATE INLET
	MH	MANHOLE
	WV	GATE VALVE & BOX
		WATER METER
	FH	FIRE HYDRANT
	SSCO	SANITARY CLEAN OUT
		ELECTRIC POLE
	EB	ELECTRIC BOX
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	TPED	TELEPHONE PEDESTAL
	—x—x—	FENCE
	TS	TRAFFIC SIGN
	— EX OHE —	OVERHEAD ELECTRIC
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	— Ex GAS —	GAS LINE
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	— EX 6"WW —	SAN. SEWER
— W —	— EX 6"W —	WATER
— FIRE —	— Ex FIRE —	FIRE PROTECTION
	— 36"SD —	STORM SEWER
— 100.00 —	- -100.00- -	CONTOUR
		DRAINAGE FLOW ARROW
+ TP100.00		TOP OF PAVEMENT
+ TC100.00		TOP OF CURB
+ G100.00		GUTTER
+ TW100.00		TOP OF WALK
+ 100.00		FINISHED GRADE
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EROSION CONTROL LEGEND:

	INLET PROTECTION
— SF —	SILT FENCE

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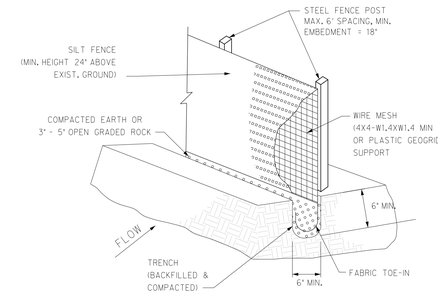

ISOMETRIC VIEW

SILT FENCE NOTES:

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SILT FENCE DETAIL

NTS

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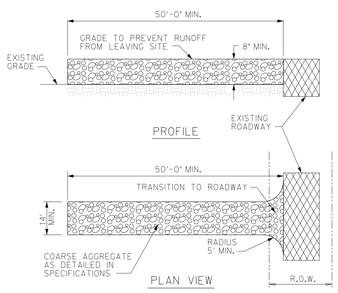
COMPOST/MULCH FILTER LOG

NTS



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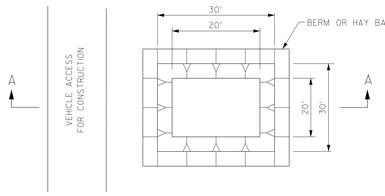
STABILIZED CONSTRUCTION EXIT

NTS



SECTION A-A

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CONCRETE TRUCK WASHOUT PIT

NTS

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HIDALGO COUNTY EL PARAISO
PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Description	Date

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5000 WEST MILITARY, SUITE 100
MCALLEN, TX 78503
(956) 664-0286

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SUGGESTED EROSION CONTROL PLAN

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CAEA No. 1 to C-23-0277-11-28
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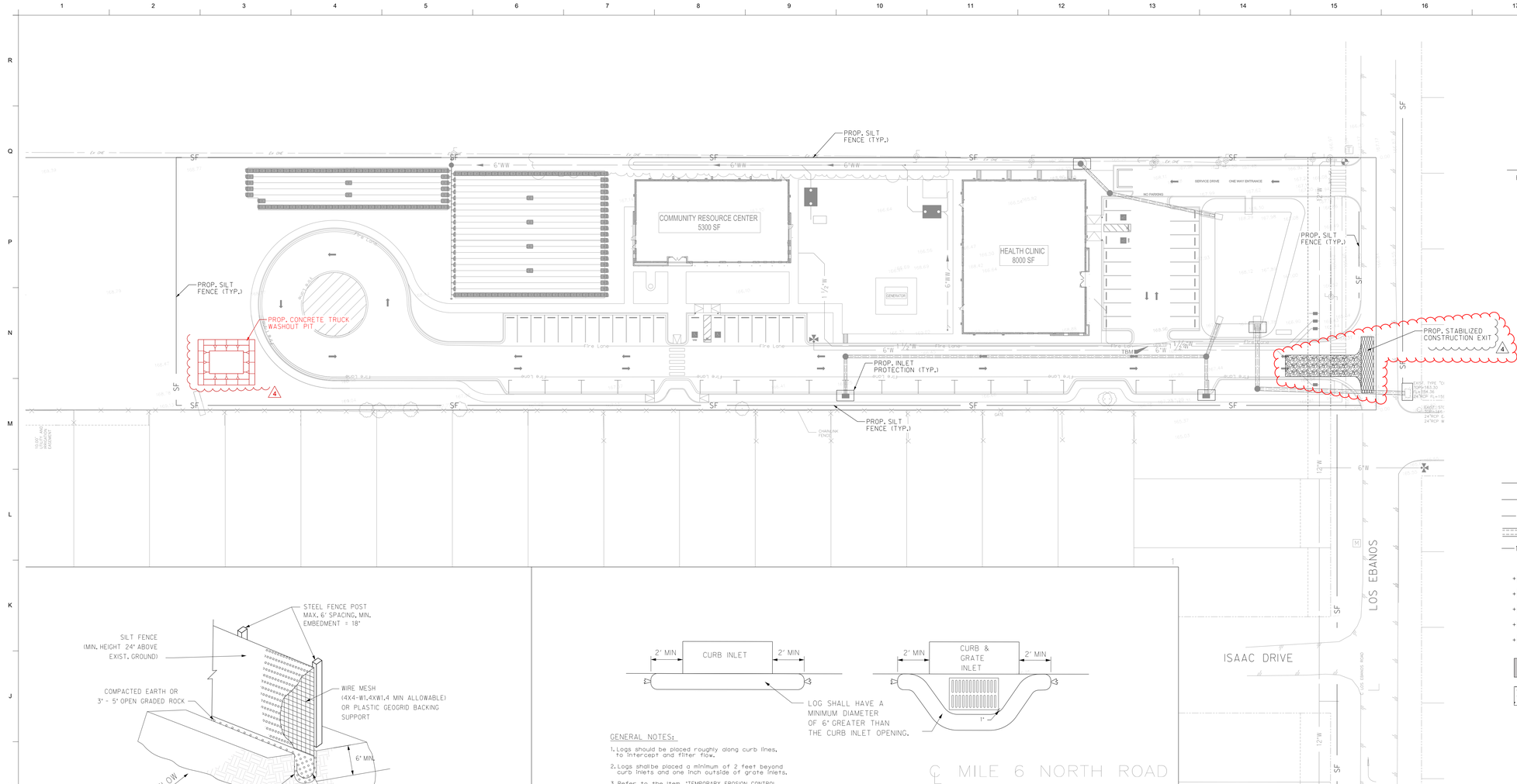

N

0 15 30 45 60

SCALE: 1"=30'

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■	CI	INLET
▨	GI	GRATE INLET
●	MH	MANHOLE
◔	WV	GATE VALVE & BOX
		WATER METER
✠	FH	FIRE HYDRANT
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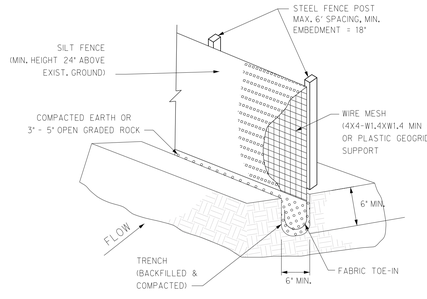

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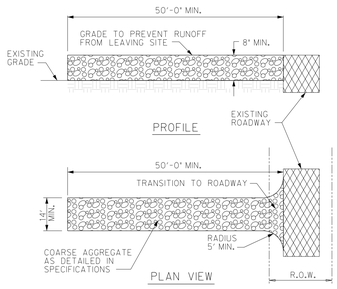

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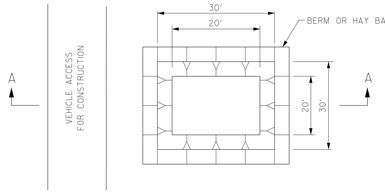

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Sheet

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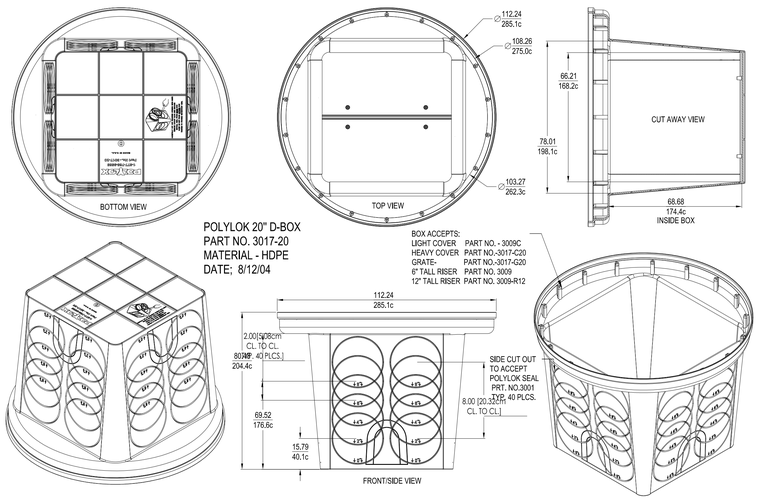
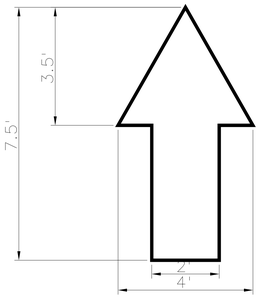


POLYLOK 20" D-BOX PART NO. 3017-20

SCALE: NTS



TRAFFIC MARKINGS

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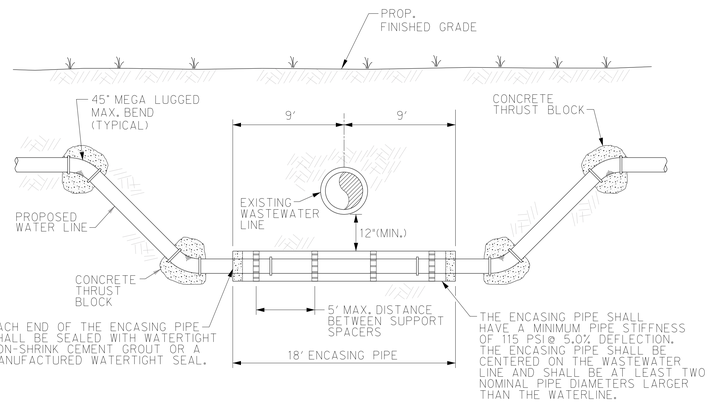
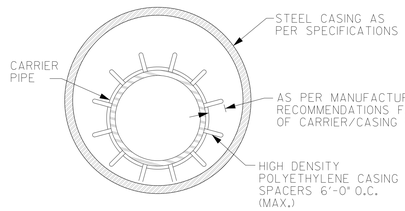
SCALE: NTS

1



TYPICAL WATER DEFLECTION

NTS



INSTALLATION		
CARRIER PIPE SIZE	PIPE CASING SIZE	MIN. WALL THICKNESS
2"	6"	0.375"
4"	10"	0.375"
6"	14"	0.375"
8"	16"	0.375"
10"	18"	0.375"
12"	20"	0.375"
14", 15"	24"	0.375"
16"	26"	0.375"
18"	30"	0.375"
24"	36"	0.375"
36"	48"	0.625"

PIPE ENCASEMENT DETAIL

NTS

GENERAL NOTES:

1. ALL STEEL CASING SHALL BE WELDED.
2. STEEL CASING SHALL BE CLOSED AT EACH END USING BRICK OR BLOCK AND MORTAR GROUTED.
3. CASING SPACERS SHALL BE USED TO INSTALL THE CARRIER PIPE INSIDE THE ENCASEMENT PIPE. CASING SPACERS SHALL FASTEN TIGHTLY ONTO THE CARRIER PIPE SO THAT WHEN THE CARRIER PIPE IS BEING INSTALLED THE SPACERS WILL NOT MOVE ALONG THE PIPELINE. CASING SPACERS SHALL BE DOUBLED ON EACH END OF THE ENCASEMENT.
4. PROJECTION TYPE CASING SPACERS SHALL BE CONSTRUCTED SECTIONS OF HIGH DENSITY POLYETHYLENE. THE FLEXIBLE SECTIONS SHALL BE JOINED TOGETHER AROUND THE PIPE TO PROVIDE A MINIMUM OF 16 PLASTIC PROJECTIONS PER SPACER SECTION.
5. INSTALLATION AND SIZE OF SPACERS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

1

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
8/8/2023

HIDALGO COUNTY EL PARAISO PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX

No.	Date	Description
1	8/8/2023	ADDENDUM #1

PROJECT NO.: 21087
ISSUE DATE: 8/8/2023
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

MISCELLANEOUS DETAILS

Sheet Number

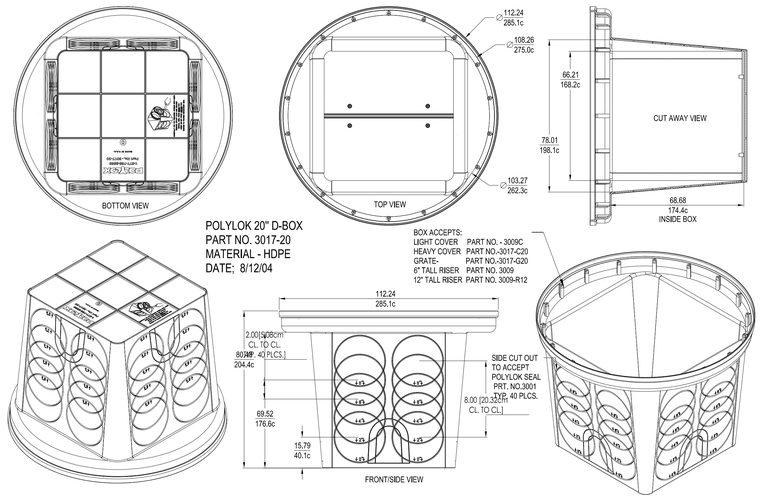
C7.02

Project Status:

CONSTRUCTION DOCUMENTS

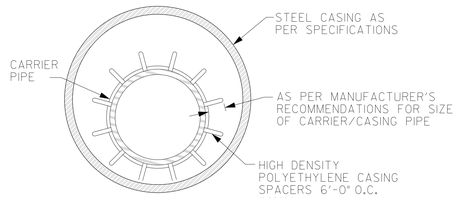
8/11/2022 8:41:25 AM
Autodesk Docs://21087 - Hidalgo County El Paraiso Building/21087 Hidalgo County El Paraiso Bldg_Base.rvt

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC



POLYLOK 20" D-BOX PART NO. 3017-20

SCALE: NTS



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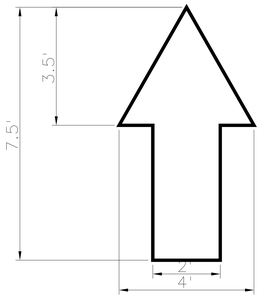
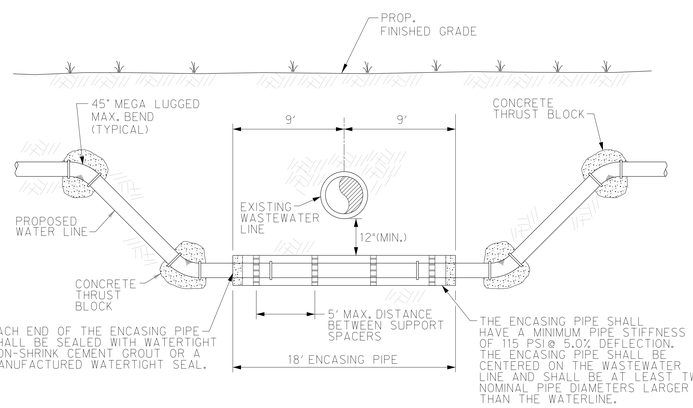


TRAFFIC MARKINGS

SCALE: NTS

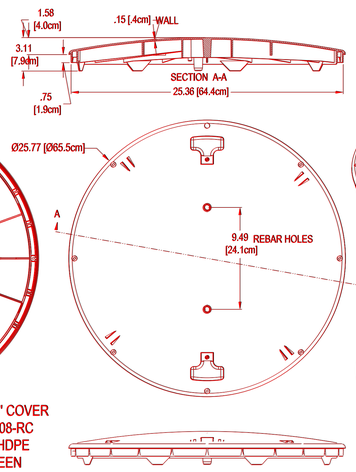
TRAFFIC MARKINGS

SCALE: NTS



TYPICAL WATER DEFLECTION

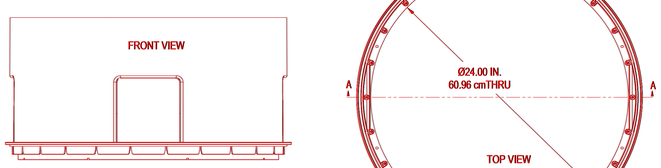
NTS



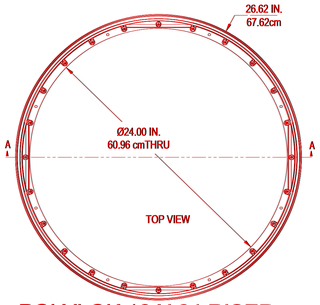
POLYLOK 24" COVER
PART NO. 3008-RC
MATERIAL - HDPE
COLOR - GREEN

POLYLOK 24" COVER

SCALE: NTS

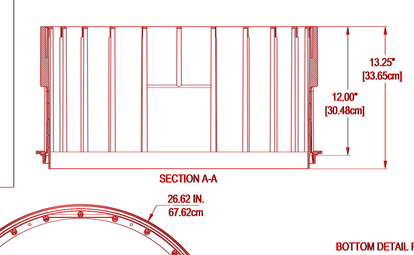


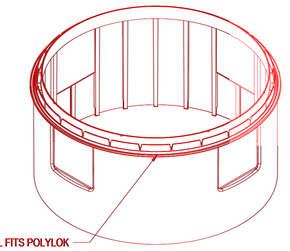
POLYLOK 12 X 24 RISER
PART NO. 3008-R12F
MATERIAL - HDPE
COLOR - GREEN

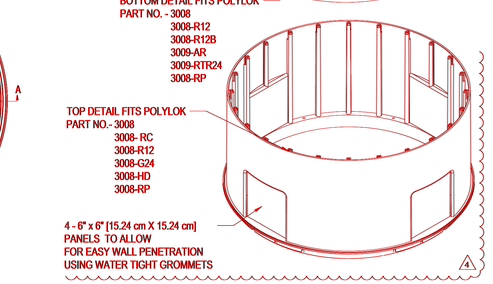


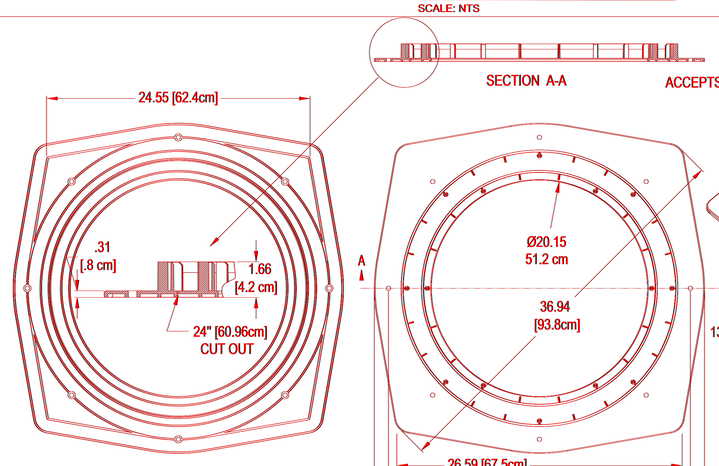
POLYLOK 12 X 24 RISER

SCALE: NTS









POLYLOK ADAPTER RING
PART NO. 3009-AR
MATERIAL - HDPE
COLOR - GREEN

POLYLOK ADAPTER RING

SCALE: NTS

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STATE OF TEXAS
SOLVEIG A. KLASSEN
147784
LICENSED
PROFESSIONAL ENGINEER
3/14/2024

HIDALGO COUNTY EL PARAISO
PROJECT

HIDALGO COUNTY
1901 N. LOS EBANOS RD., ALTON, TX 78573

No.	Date	Description
1 - 4	9/5/2023 3/14/2024	ADDENDUM #1 ASI 001

PROJECT NO.: 21087
ISSUE DATE: 3/14/2024
DRAWN BY: SK
CHECKED BY: RG

SHEET NAME

MISCELLANEOUS DETAILS

Sheet Number

C7.02

Project Status:

CONSTRUCTION DOCUMENTS

Change Proposal Request (CPR)

Project Information	
Project #	2134
Title	Hidalgo County El Paraiso Project
Address	1901 N Los Ebanos Rd
City, State, Zip	Alton, TX 78573
Country	United States

Change Proposal Request	
Contract #	001
CPR #	005 R1
Issue Date	26-Aug-2024
Subject	Landscape & Irrigation updates based on Drainage Field Modifications & Service Window Height Clarifications.

Prime Contract Company	
Contact	Noel Munoz Jr
Company	NM Contracting, LLC
Address	2022 Orchid Ave
City, State, Zip	McAllen, TX 78504-4152
Country	United States
Phone	
Fax	

Owner	
Contact	Hidalgo County Precinct 3 County of Hidalgo
Company	Hidalgo County Precinct 3
Address	724 Breyfogle Rd
City, State, Zip	Mission, TX 78574
Country	United States
Phone	956-585-4509
Fax	

Description of the proposed change:

Changes to landscaping, irrigation and drive turn around as per ASI 002 include a credit to the Owner for trees, shrubs, decomposed granite, boulder quantities, and the addition of hydro-mulch, weed mate and irrigation bubblers, lawn sprinklers and an isolation valve to the scope of work in order to accommodate Hidalgo County's Health Department sewer plan requirements. Proposal breakdown is included in the attached documentation.

Net Amount of this Proposed Change: NOT APROVED **($3,429.24)**

The Contract time due to this Change Proposal Request has increased ~~by 5 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

By

09/26/2024
Date

Response: ☐ Accept ☐ Do Not Accept

Hidalgo County Precinct 3
Company

By

Date

REVIEWED BY SITE WORKS. IN LINE WITH ASI 02

Proposed Items

Item #	Item Description	Quantity	Unit	Unit Price	Subtotal
1	Credit for Deduction in Plant Material	1	LS	-4,324.24	-4,324.24
2	Additional Irrigation Material	1	LS	895.00	895.00

Subtotal = ($3,429.24)
Tax = $0.00
Total = ($3,429.24)

Earth Irrigation & Landscaping, LLC

1101 E. Violet Ave. McAllen, Texas 78504
☎956-631-6686 ☎956 631-6688

CHANGE ORDER

Project Name: El Paraiso Health Clinic Alton
Address: 1901 N Los Ebanos Road
City, State, Zip: Alton, Tx 78573

Change Order No:. 1 Revised
Date: 9/10/2024

Attn: Andrew's
E-Mail: amartinez@nmcontracting.us
amunoz@nmcontracting.us

To: NM Contracting
Address: 2022 Orchid Ave
City, State, Zip: McAllen, Tx 78504

We are directed to make the following changes in this contract:
Deduction in plant material and addition of irrigation.
Unit pricing for deduction of requested items

-3		Crepe Myrtle Basham's Pink 30 Gal 2.5" Cal
-1		Butterfly Bush 5 Gal
-2		Upright Yaupon 20 Gal
-1		Powder Puff 1 Gal
-6		Gulf Muhly 1 Gal
-9		Red Yucca 1 Gal
-13		Lantana Texas 1 Gal
-16	Tons	Decomposed Granite 4" Depth (1015 SF)
-1,015	SF	Weed Mate
-1		3' x 4' Boulders
-3		2'x 3' Boulders
1,134	SF	Hydro Mulching

Credit back 1562 SQ/FT

Credit back 1562 SQ/FT

		Total Tax Exempt	Deduct	$ (4,324.24)

Irrigation Deduct for Turnaround Island

-100	LF	Deduct	Dripline to Trees and Shrubs
-20	LF	Deduct	Sleeving

Credit back 337 LF
but added 467 LF

Irrigation Additions to Contract

7	Add	Hunter PCN Bubbler
8	Add	Rainbird 5000
4	Add	Rainbird 1804
1	Add	2" Isolation Valve +10" RVB

Added roughly 130 LF of Dripline to Trees & Shrub

	Total Tax Exempt	Add	$ 895.00

Total Change Order Amount	**$ (3,429.24)**
The Original Contract Sum	$ 92,500.00
Previous Change Orders	$ -
The Contract Sum Prior To This Change Order Was	$ 92,500.00
The Contract Sum Will Be Decreased By This Change Order	$ (3,429.24)
New Contract Sum Including This Change Order Will Be	**$ 89,070.76**

Contractor

Willie Gossett
Earth Irrigation & Landscaping

Return Executed Change Order for Our Records.

AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)*
Hidalgo County El Paraiso Health Clinic & Community Resource Center

CONTRACT INFORMATION:
Contract For: General Construction

Date: November 28, 2023

ASI INFORMATION:
ASI Number: 002

Date: March 27, 2024

OWNER: *(name and address)*
County of Hidalgo
100 East Cano, 2nd Floor
Edinburg, Texas 78539

ARCHITECT: *(name and address)*
ERO Architects
P.O. Box 720428
McAllen, Texas 78504

CONTRACTOR: *(name and address)*
NM Contracting, LLC
2022 Orchid Avenue
McAllen, Texas 78504

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.
(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

ASI 002: Landscape and Irrigation updates based on Leech Field Modifications and Service Window Height Clarification.

Attachments: AE403, AS101, L1, L2, L3, L4, L5, L6, L7, L8, L9 & L10

ISSUED BY THE ARCHITECT:

ERO Architects
ARCHITECT *(Firm name)*

Octavio Cantu, AIA
SIGNATURE

Octavio Cantu, AIA, Principal
PRINTED NAME AND TITLE

March 27, 2024
DATE

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User Notes:

Sheet
L101

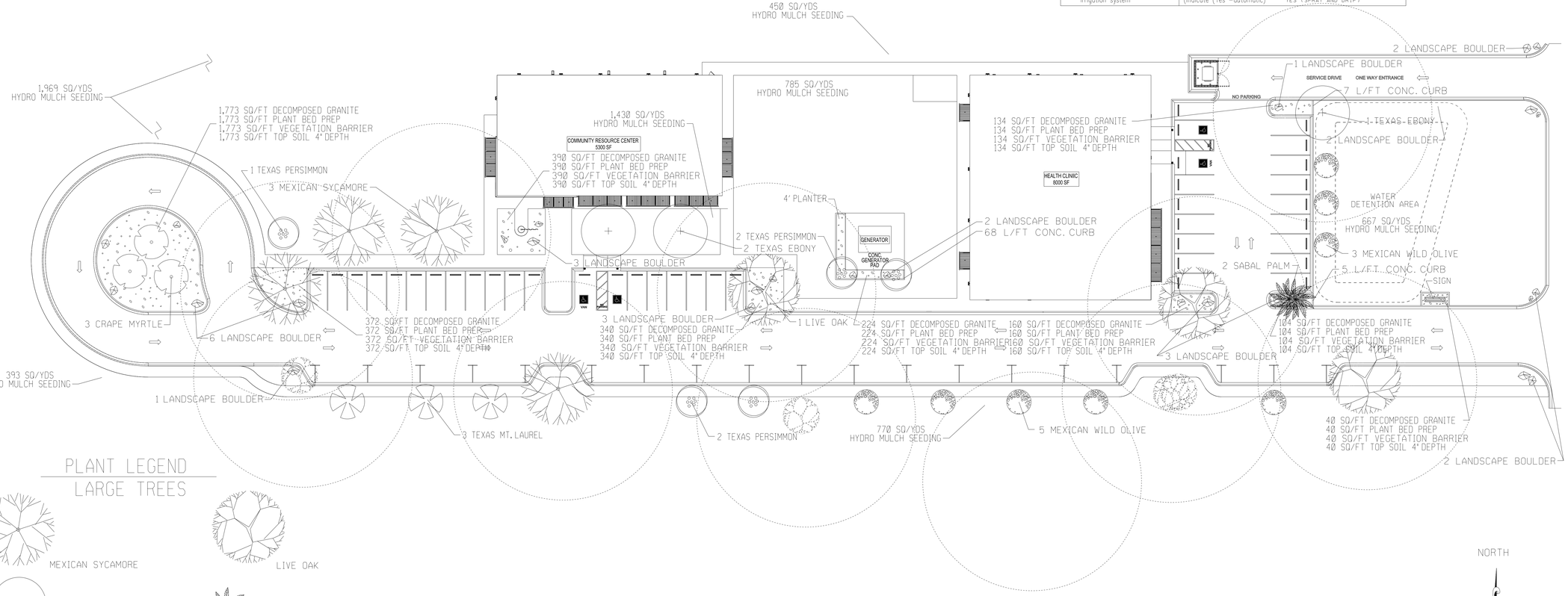
https://library.municode.com/tx/alton/codes/code_of_ordinances?nodeId=PTIICOOR_CH34PL_ARTIICOPL_S34-21PUIN
ARTICLE 34-21 (3) LANDSCAPING AND TREE PROTECTION

CITY OF EDINBURG LANDCAPE ORDINANCE REQUIRMENTS

TOTAL SQ/FT OF DEVELOPMENT	109,131 SQ/FT 2.5 ACRES
TOTAL LANDSCAPE AREA PROVIDED	8,935 SQ/FT .205 ACRE
LANDSCAPE AREA PROVIDED (GRASS AND PLANT BEDS)	8,935 SQ/FT .205 ACRE
TREE REQUIRMENT 2.5" CAL MIN. 1 PER 8 PARKING 50 PARKING SPACES / 8 = 7 TREES MIN.	TREES PROVIDED 5 EXISTING 31 PROPOSED
TOTAL IRRIGATED AREAS*	.205 ACRE

Design Criteria

Climate	9B
Zoning ordinance	CITY OF ALTON LANDSCAPE CITY CODE ARTICAL 10 & 18
Water availability	55 PSI/UN KNOWN
Soil type	SANDY LOAM
Slopes	FLAT
Wind	SOUTH EAST
Setbacks/easements	AS SHOWN
Microclimates	NO MICROCLIMATES
Soil ph	UN KNOWN (USUALLY 7.8)
Lawn Area Percentage	30% MIN.
Undeveloped property	0 ACRES (0 SQ/FT)
Irrigation system	(Indicate (Yes -automatic) YES (SPRAY AND DRIP)



PLANT LEGEND

LARGE TREES

MEXICAN SYCAMORE

LIVE OAK

TEXAS EBONY

SABAL PALM

CRAPE MYRTLE

MEXICAN WILD OLIVE

TEXAS MT. LAUREL

TEXAS PERSIMMON

EXISTING TREE
REQUIRED TREE PROTECTION

LANDSCAPE BOULDER
COLOR AND SHAPE TO BE APPROVED
50% 3'X4' & 50% 2'X3'

DECOMPOSED
PINK TEXAS
GRANITE

NORTH

SCALE = 1" = 20'
0' 20' 40'
GRAPHIC SCALE

50 FOOT RADIUS LINE
LINE TO TOUCH EACH PARKING SPACE

* ESTIMATED SHEET TOTALS

4"X10" CONC. CURB		AS PER GEN. NOTES	80	L/FT
PLANT BED PREP	ALL DECOMPOSED GRANITE AREAS	AS PER GEN. NOTES	2,977	SQ/FT OR 331 SQ/YDS
TOP SOIL 4" DEPTH	ALL DECOMPOSED GRANITE AREAS	AS PER GEN. NOTES	2,977	SQ/FT OR 331 SQ/YDS
VEGETATION BARRIER	ALL DECOMPOSED GRANITE AREAS	AS PER GEN. NOTES	2,977	SQ/FT OR 331 SQ/YDS
DECOMPOSED GRANITE	4 INCH DEPTH	AS PER GEN. NOTES	2,977	SQ/FT OR 37 QU/YDS
LANDSCAPE BOULDER	COLOR AND SHAPE TO BE APPROVED	50% 3'X4' & 50% 2'X3'	2	EACH
HYDRO MULCH SEEDING	AS PER GEN NOTES	AS PER GEN. NOTES	58,684	SQ/FT OR 6,520 SQ/YDS

			SIZE	QTY.
TREES	LIVE OAK	QUERCUS VIRGINIANA	4" CAL. CONTAINER	NO.100	2
	MEXICAN SYCAMORE	PLATANUS MEXICANA	4" CAL. CONTAINER	NO.100	3
	TEXAS EBONY	PITHECELLOBIUM FLEXICAULE	2.5" CAL. CONTAINER	NO.45	2
	SABAL PALM	SABAL TEXANA	SIX TRUNK FOOT	B&B	2
SMALL TREES	TEXAS MT. LAUREL	SOPHORA SECUNDIFLORA	2.5" CAL. CONTAINER	NO.30	3
	TEXAS PERSIMMON	DIOSPYROS TEXANA	2.5" CAL. CONTAINER	NO.20	5
	CRAPE MYRTLE	LARGERSTOMINA INDICA - 'PETIT PINK'	2.5" CAL. CONTAINER	NO.30	3
	WILD OLIVE	CORDIA BOSERI	2.5" CAL. CONTAINER	B&B	8

* ESTIMATE OLNY, CONTRACTOR TO VERIFY

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REGISTERED LANDSCAPE ARCHITECT
STEPHEN P. WALKER
1774
STATE OF TEXAS
STEPHEN P. WALKER L.A. DATE 30/JULY/2023

THE TEXAS BOARD OF ARCHITECTURAL EXAMINERS, P.O. BOX 12337, AUSTIN, TEXAS 78711, TELEPHONE (512) 458-1363, HAS JURISDICTION OVER THE INDIVIDUALS LICENSED UNDER THE LANDSCAPE ARCHITECTS REGISTRATION LAW ARTICLE 249C, VERNON'S TEXAS CIVIL STATUTES.

SITE-WORK LA LLC
LANDSCAPE ARCHITECTURE
STEPHEN P. WALKER R.L.A.
LANDSCAPE ARCHITECT
SURVEY OF WETLAND SCIENTIST
(956)-369-3113
stephenpwalker@sbcglobal.net

HIDALGO COUNTY EL PARAISO

HIDALGO COUNTY
1901 N. LOS EBANOS ROAD ALTON, TEXAS 78573

No. | Description | Date

PROJECT NO.: 21087
ISSUE DATE: 30 JULY 2023
DRAWN BY: SWALKER
CHECKED BY: SWALKER

SHEET NAME

LANDSCAPE TREE LAYOUT

Sheet Number

L101

Project Status
100% CONSTRUCTION DOCUMENTS
ADDENDUM NO.0

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

https://library.municode.com/tx/alton/codes/code_of_ordinances?nodeId=PTIICOOR_CH34PL_ARTIICOPL_S34-21PUIN

ARTICLE 34-21 (3) LANDSCAPING AND TREE PROTECTION

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Soil ph	UN KNOWN (USUALLY 7.8)
Lawn Area Percentage	30% MIN.
Undeveloped property	0 ACRES (0 SQ/FT)
Irrigation system	(Indicate (Yes -automatic) YES (SPRAY AND DRIP)

450 SQ/YDS
HYDRO MULCH SEEDING

2,095 SQ/YDS
HYDRO MULCH SEEDING

1,430 SQ/YDS
HYDRO MULCH SEEDING

COMMUNITY RESOURCE CENTER
5300 SF

390 SQ/FT DECOMPOSED GRANITE
390 SQ/FT PLANT BED PREP
390 SQ/FT VEGETATION BARRIER
390 SQ/FT TOP SOIL 4" DEPTH

785 SQ/YDS
HYDRO MULCH SEEDING

134 SQ/FT DECOMPOSED GRANITE
134 SQ/FT PLANT BED PREP
134 SQ/FT VEGETATION BARRIER
134 SQ/FT TOP SOIL 4" DEPTH

HEALTH CLINIC
8000 SF

2 LANDSCAPE BOULDER
68 L/FT CONC. CURB

2 LANDSCAPE BOULDER

1 LANDSCAPE BOULDER

SERVICE DRIVE ONE WAY ENTRANCE

NO PARKING

7 L/FT CONC. CURB

1 TEXAS EBONY

2 LANDSCAPE BOULDER

WATER
DETENTION AREA
667 SQ/YDS
HYDRO MULCH SEEDING

3 MEXICAN WILD OLIVE

5 L/FT. CONC. CURB

SIGN

3 MEXICAN SYCAMORE

4' PLANTER

2 TEXAS PERSIMMON
2 TEXAS EBONY

GENERATOR

3 LANDSCAPE BOULDER

2 SABAL PALM

1 TEXAS PERSIMMON

2 LANDSCAPE BOULDER

3 TEXAS MT. LAUREL

3 LANDSCAPE BOULDER
340 SQ/FT DECOMPOSED GRANITE
340 SQ/FT PLANT BED PREP
340 SQ/FT VEGETATION BARRIER
340 SQ/FT TOP SOIL 4" DEPTH

1 LIVE OAK

224 SQ/FT DECOMPOSED GRANITE
224 SQ/FT PLANT BED PREP
224 SQ/FT VEGETATION BARRIER
224 SQ/FT TOP SOIL 4" DEPTH

160 SQ/FT DECOMPOSED GRANITE
160 SQ/FT PLANT BED PREP
160 SQ/FT VEGETATION BARRIER
160 SQ/FT TOP SOIL 4" DEPTH

3 LANDSCAPE BOULDER

104 SQ/FT DECOMPOSED GRANITE
104 SQ/FT PLANT BED PREP
104 SQ/FT VEGETATION BARRIER
104 SQ/FT TOP SOIL 4" DEPTH

393 SQ/YDS
HYDRO MULCH SEEDING

2 TEXAS PERSIMMON

770 SQ/YDS
HYDRO MULCH SEEDING

5 MEXICAN WILD OLIVE

40 SQ/FT DECOMPOSED GRANITE
40 SQ/FT PLANT BED PREP
40 SQ/FT VEGETATION BARRIER
40 SQ/FT TOP SOIL 4" DEPTH

2 LANDSCAPE BOULDER

183 SQ/FT DECOMPOSED GRANITE
183 SQ/FT PLANT BED PREP
183 SQ/FT VEGETATION BARRIER
183 SQ/FT TOP SOIL 4" DEPTH

PLANT LEGEND

LARGE TREES

MEXICAN SYCAMORE

LIVE OAK

TEXAS EBONY

SABAL PALM

CRAPE MYRTLE

MEXICAN WILD OLIVE

TEXAS MT. LAUREL

TEXAS PERSIMMON

EXISTING TREE
REQUIRED TREE PROTECTION

LANDSCAPE BOULDER
COLOR AND SHAPE TO BE APPROVED
50% 3'X4' & 50% 2'X3'

DECOMPOSED
PINK TEXAS
GRANITE

NORTH

SCALE = 1" = 20'
0' 20' 40'
GRAPHIC SCALE

50 FOOT RADIUS LINE
LINE TO TOUCH EACH PARKING SPACE

This is adding up what is on the plans as highlighted above.

Original was 2,977 SQ/FT

1,415 SQ/FT

* ESTIMATED SHEET TOTALS

4"X10" CONC. CURB		AS PER GEN. NOTES	80	L/FT
PLANT BED PREP	ALL DECOMPOSED GRANITE AREAS	AS PER GEN. NOTES	1,015	SQ/FT OR 112 SQ/YDS
TOP SOIL 4" DEPTH	ALL DECOMPOSED GRANITE AREAS	AS PER GEN. NOTES	1,015	SQ/FT OR 112 SQ/YDS
VEGETATION BARRIER	ALL DECOMPOSED GRANITE AREAS	AS PER GEN. NOTES	1,015	SQ/FT OR 112 SQ/YDS
DECOMPOSED GRANITE	4 INCH DEPTH	AS PER GEN. NOTES	1,015	SQ/FT OR 112 SQ/YDS
LANDSCAPE BOULDER	COLOR AND SHAPE TO BE APPROVED	50% 3'X4' & 50% 2'X3'	23	EACH
HYDRO MULCH SEEDING	AS PER GEN NOTES	AS PER GEN. NOTES	59,818	SQ/FT OR 6,646 SQ/YDS

			SIZE	QTY.
TREES				
LIVE OAK	QUERCUS VIRGINIANA	4" CAL. CONTAINER	NO.100	2
MEXICAN SYCAMORE	PLATANUS MEXICANA	4" CAL. CONTAINER	NO.100	3
TEXAS EBONY	PITHECELLOBIUM FLEXICAULE	2.5" CAL. CONTAINER	NO.45	2
SABAL PALM	SABAL TEXANA	SIX TRUNK FOOT	B&B	2
SMALL TREES				
TEXAS MT. LAUREL	SOPHORA SECUNDIFLORA	2.5" CAL. CONTAINER	NO.30	3
TEXAS PERSIMMON	DIOSPYROS TEXANA	2.5" CAL. CONTAINER	NO.20	5
CRAPE MYRTLE	LARGERSTOMINA INDICA - 'PETIT PINK'	2.5" CAL. CONTAINER	NO.30	0
WILD OLIVE	CORDIA BOSERI	2.5" CAL. CONTAINER	B&B	8

* ESTIMATE OLNY, CONTRACTOR TO VERIFY

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

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REGISTERED LANDSCAPE ARCHITECT
STEPHEN P. WALKER
1774
STATE OF TEXAS

STEPHEN P. WALKER L.A. DATE 30/JULY/2023

THE TEXAS BOARD OF ARCHITECTURAL EXAMINERS, P.O. BOX 12337, AUSTIN, TEXAS 78711, TELEPHONE (512) 458-1363, FAX (512) 458-1421, HAS JURISDICTION OVER THE INDIVIDUALS LICENSED UNDER THE LANDSCAPE ARCHITECTS REGISTRATION LAW ARTICLE 249C, VERNON'S TEXAS CIVIL STATUTES.

SITE-WORK LA LLC
LANDSCAPE ARCHITECTURE
STEPHEN P. WALKER R.L.A.
LANDSCAPE ARCHITECT
SURVEYOR OF WETLAND SCIENTIST
(956)-369-3113
stephenpwalker@sbcglobal.net

HIDALGO COUNTY EL PARAISO

HIDALGO COUNTY
1901 N. LOS EBANOS ROAD ALTON, TEXAS 78573

No.	Date	Description
05	27 March 2024	ASI-202

PROJECT NO.: 21087
ISSUE DATE: 30 JULY 2023
DRAWN BY: SWALKER
CHECKED BY: SWALKER

SHEET NAME

LANDSCAPE TREE LAYOUT

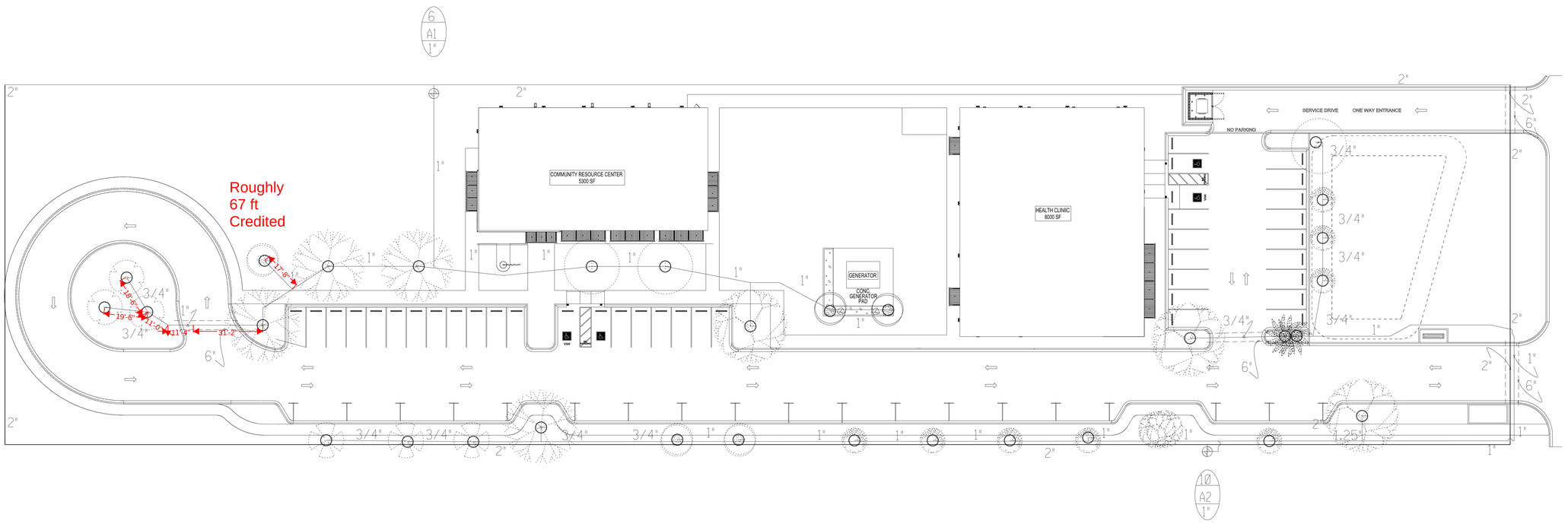
Sheet Number

L101

Project Status

100% CONSTRUCTION DOCUMENTS
ADDENDUM NO.0

Sheet
L108



LEGEND

- 1" WATER METER
- 1" RP BACKFLOW PREVENTION DEVICE WITH GUARDSHACK ENCLOSURE (SEE DETAIL SHEET)
- 1" MAIN SHUT-OFF VALVE
- RAINBIRD PEB 1" ELECTRIC REMOTE CONTROL VALVE 100-PEB
- RAIN BIRD 5LRC QUICK COUPLING VALVE
- RAINBIRD DRIP SYSTEM OPERATION POP-UP VISUAL INDICATOR KIT
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- CITY MAIN
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- 28 / A1 / 1" — INDICATES LATERAL DISCHARGE IN GPM; INDICATES CONTROLLER AND CONTROLLER STATION NUMBER; INDICATES REMOTE CONTROL VALVE SIZE
- BORING WITH 2", 4" OR 6" SCH 40 SLEEVE BY CONTRACTOR

NORTH

SCALE = 1" = 20'

0' 20' 40'

GRAPHIC SCALE

○ BUBBLER GPH AT EACH TREE WELL (OR EQUEL)

NAME	GPH	
LIVE OAK	30	PCN - .50 .5 GPM
MEXICAN SYCAMORE	30	
TEXAS EBONY	30	
SABAL PALM	30	
WILD OLIVE	15	PCN - .25 .25 GPM
CRAPE MYRTLE	15	
TEXAS MT. LAUREL	15	
TEXAS PERSIMMON	15	

CONTRACTOR TO VERIFY 55 PSI STATIC WATER PRESSURE.

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REGISTERED LANDSCAPE ARCHITECT
STEPHEN P. WALKER
1774
STATE OF TEXAS

STEPHEN P. WALKER L.A. DATE 30/JULY/2023

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stephenpwalker@sbcglobal.net

HIDALGO COUNTY EL PARAISO

HIDALGO COUNTY
1901 N. LOS EBANOS ROAD ALTON, TEXAS 78573

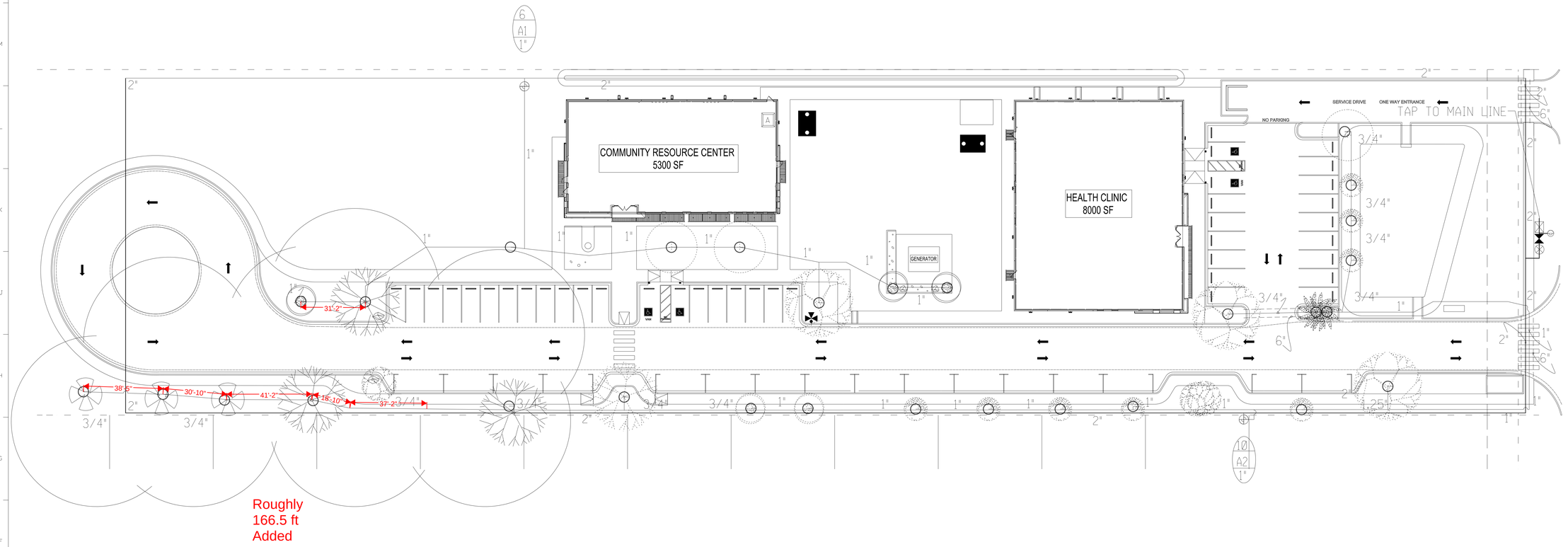
Description | Date | No.

PROJECT NO.: 21087
ISSUE DATE: 30 JULY 2023
DRAWN BY: SWALKER
CHECKED BY: SWALKER

SHEET NAME
TREE DRIP IRRIGATION LAYOUT

Sheet Number
L108

Project Status:
100% CONSTRUCTION DOCUMENTS ADDENDUM NO.0



LEGEND

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- A1 — INDICATES CONTROLLER AND CONTROLLER STATION NUMBER
- 1" — INDICATES REMOTE CONTROL VALVE SIZE
- BORING WITH 2", 4" OR 6" SCH 40 SLEEVE BY CONTRACTOR

NORTH

SCALE = 1" = 20'
0' 20' 40'
GRAPHIC SCALE

BUBBLER GPH AT EACH TREE WELL (OR EQUEL)

NAME	GPH	
LIVE OAK	30	PCN - .50 .5 GPM
MEXICAN SYCAMORE	30	
TEXAS EBONY	30	
SABAL PALM	30	
WILD OLIVE	15	PCN - .25 .25 GPM
CRAPE MYRTLE	15	
TEXAS MT. LAUREL	15	
TEXAS PERSIMMON	15	

CONTRACTOR TO VERIFY 55 PSI STATIC WATER PRESSURE.

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REGISTERED LANDSCAPE ARCHITECT STEPHEN P. WALKER 1774 STATE OF TEXAS
STEPHEN P. WALKER L.A. DATE 30/JULY/2023

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stephenpwalker@sbcglobal.net

HIDALGO COUNTY EL PARAISO

HIDALGO COUNTY
1901 N. LOS EBANOS ROAD ALTON, TEXAS 78573

No.	Description	Date
05	ASI-002	27 March 2024

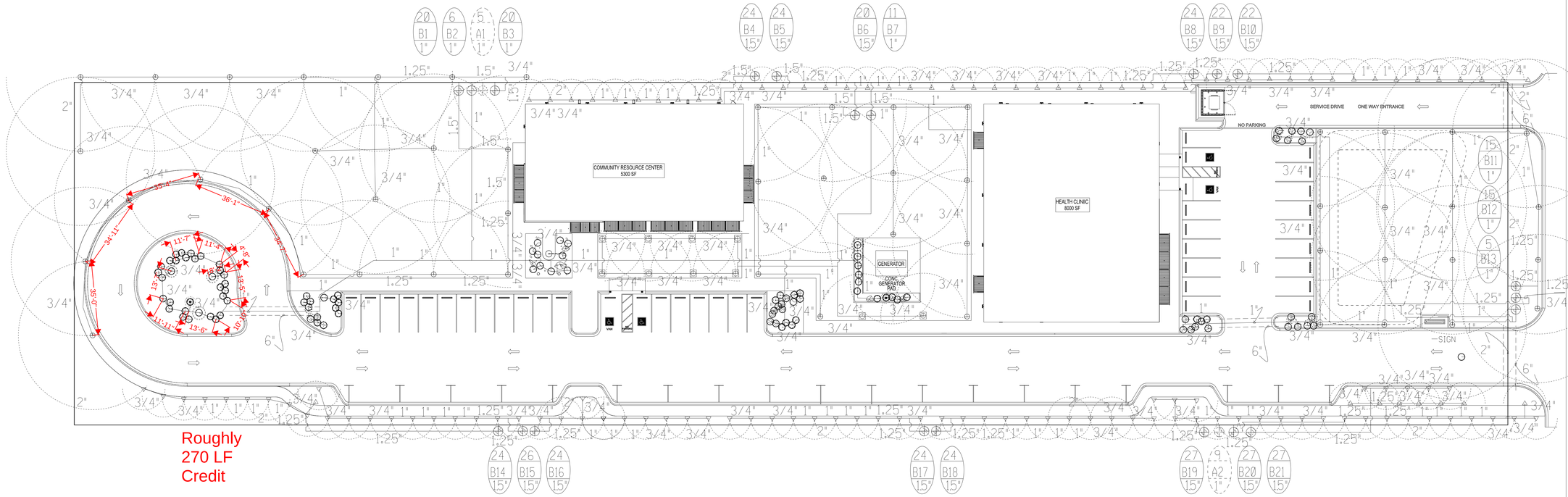
PROJECT NO.: 21087
ISSUE DATE: 30 JULY 2023
DRAWN BY: SWALKER
CHECKED BY: SWALKER

SHEET NAME
TREE DRIP IRRIGATION LAYOUT

Sheet Number
L108

Project Status:
100% CONSTRUCTION DOCUMENTS ADDENDUM NO.Ø

Sheet L109



Roughly
270 LF
Credit

LEGEND

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- BORING WITH 2", 4" OR 6" SCH 40 SLEEVE BY CONTRACTOR

RAINBIRD 5000
FLOW = 1.81 GPM 360° No. 2.5 NOZZLE
PRESSURE = 25 PSI RADIUS = 35 FEET

RAINBIRD 3500
FLOW = .77 GPM 360° No. 1.0 NOZZLE
PRESSURE = 25 PSI RADIUS = 20 FEET

RAINBIRD MPR
FLOW = 2.4 GPM 360° No. 12F NOZZLE
PRESSURE = 25 PSI RADIUS = 10 FEET

○ BUBBLER GPH AT EACH PLANT (OR EQUEL)

NAME	GPH
BUTTERFLY BUSH	5
BUTTERFLY WEED	5
YAUPON HOLLY	5
POWDER PUFF	5
DWARF POWDER PUFF	5
GULF MUHLY	5
RED YUCCA	5
ROASMARY	5
TEXAS LANTANA	5
MEX. FIRECRACKER	5
DWARF YOUPON HOLLY	5
VAR. LIROPE	5

PCN - .25
.25 GPM
1401 RAINBIRD

NORTH

SCALE = 1" = 20'
0' 20' 40'
GRAPHIC SCALE

CONTRACTOR TO VERIFY 55 PSI STATIC WATER PRESSURE.

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STATE OF TEXAS

STEPHEN P. WALKER L.A. DATE 30/JULY/2023

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HIDALGO COUNTY EL PARAISO

HIDALGO COUNTY
1901 N. LOS EBANOS ROAD ALTON, TEXAS 78573

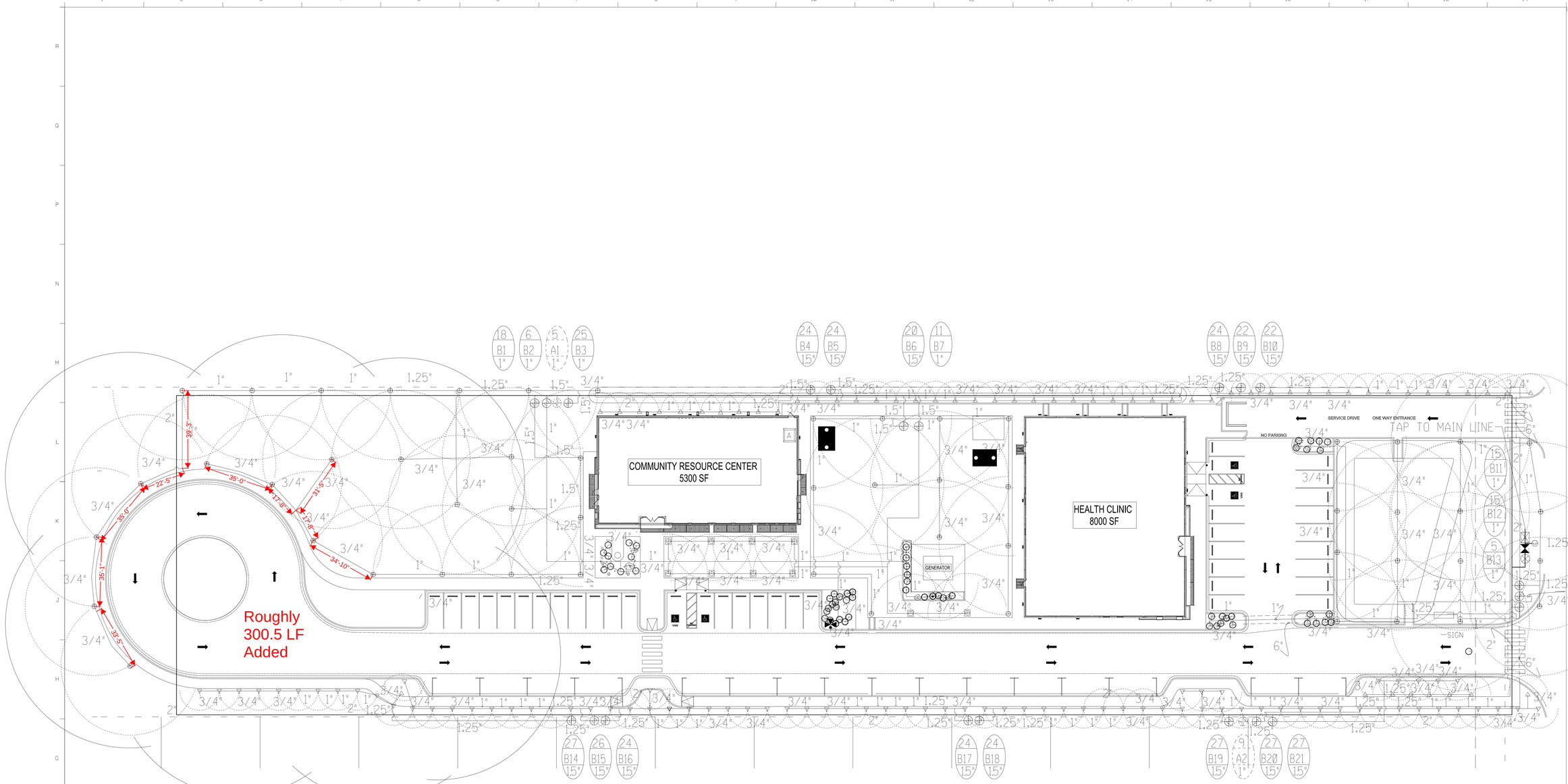
No.	Description	Date

PROJECT NO.: 21087
ISSUE DATE: 30 JULY 2023
DRAWN BY: SWALKER
CHECKED BY: SWALKER

SHEET NAME
IRRIGATION LAYOUT

Sheet Number
L109

Project Status:
100% CONSTRUCTION DOCUMENTS
ADDENDUM NO.Ø



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○ BUBBLER GPH AT EACH PLANT (OR EQUEL)

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GULF MUHLY	5
RED YUCCA	5
ROASMARY	5
TEXAS LANTANA	5
MEX. FIRECRACKER	5
DWARF YOUPON HOLLY	5
VAR. LIROPE	5

PCN - .25
.25 GPM
1401 RAINBIRD

NORTH

SCALE = 1" = 20'
0' 20' 40'
GRAPHIC SCALE

CONTRACTOR TO VERIFY 55 PSI STATIC WATER PRESSURE.

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1774
STATE OF TEXAS
STEPHEN P. WALKER L.A. DATE 30/JULY/2023

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HIDALGO COUNTY EL PARAISO

HIDALGO COUNTY
1901 N. LOS EBANOS ROAD ALTON, TEXAS 78573

No.	Description	Date
05	ASI-002	27 March 2024

PROJECT NO.: 21087
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DRAWN BY: SWALKER
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SHEET NAME
IRRIGATION LAYOUT

Sheet Number
L109

Project Status:
100% CONSTRUCTION DOCUMENTS
ADDENDUM NO.0

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

Change Proposal Request (CPR)

Project Information	
Project #	2134
Title	Hidalgo County El Paraiso Project
Address	1901 N Los Ebanos Rd
City, State, Zip	Alton, TX 78573
Country	United States

Change Proposal Request	
Contract #	001
CPR #	002 R1
Issue Date	23-Jul-2024
Subject	Generator Substitution

Prime Contract Company	
Contact	Noel Munoz Jr
Company	NM Contracting, LLC
Address	2022 Orchid Ave
City, State, Zip	McAllen, TX 78504-4152
Country	United States
Phone	
Fax	

Owner	
Contact	Hidalgo County Precinct 3 County of Hidalgo
Company	Hidalgo County Precinct 3
Address	724 Breyfogle Rd
City, State, Zip	Mission, TX 78574
Country	United States
Phone	956-585-4509
Fax	

Description of the proposed change:

As requested by Hidalgo County to use a CAT model generator in lieu of a Generac model generator, correspondence attached for reference, a credit for the Generac generator and a restocking fee is provided along with the proposed price for the CAT generator. The Generac generator was ordered upon receipt of the "Furnish as Noted" submittal dated March 25, 2024. Generac is requesting a 40% restocking fee including the ATS. Response to RFI 014 to replace Generac generator with a CAT generator with a sound level 2 enclosure was received June 5, 2024; hence the restocking fee. All documentation is attached for your reference.

Net Amount of this Proposed Change:

~~**$44,898.40**~~

$10,100.00

The Contract time due to this Change Proposal Request has increased by 30 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

By _____ Date _____

Response: ☐ Accept ☐ Do Not Accept

Hidalgo County Precinct 3
Company

By _____ Date _____

Brownstone Comments
Cancellation/Restocking fee needs to be removed due to unapproved submittals and no evidence to prove purchase of Generac generator.

ERO's Comments
Based on the back-up documentation provided by NMC, the restocking fee is not approved. See comments below.

Proposed Items

Item #	Item Description	Quantity	Unit	Unit Price	Subtotal
1	Credit for Generac Generator & ATS	1	LS	-85,400.00	-85,400.00
2	Holt CAT Generator & ATS	1	LS	95,500.00	95,500.00
~~3~~	~~Cancellation/Restocking Fee~~	~~1~~	~~LS~~	~~34,798.40~~	~~34,798.40~~

Subtotal = ~~$44,898.40~~ **$10,100.00**
Tax = $0.00
Total = ~~$44,898.40~~
$10,100.00

OAC Meeting # 03

Notes

CAT GENERATOR WAS REQUESTED IN THE BIDDING DOCUMENTS AND DISCUSSED DURING THE INITIAL OAC MEETINGS

NM Contracting, LLC

2022 Orchid Ave.
McAllen, TX 78504
Phone: (956) 631-5667
Fax: (956) 627-3959

Project: 2134 – El Paraiso
Address: 1901 N
Los Ebanos Rd.
Alton, TX 78573

OAC Meeting Agenda

MEETING DATE:	Thursday, February 29, 2024	MEETING TIME:	1:30 pm Central Time (US & Canada)
MEETING LOCATION:	Hidalgo County Precinct 3 w/ Site Walk		
ATTACHMENTS:	Submittal Log, Meeting Agenda		
ATTENDEES:			

NAME	COMPANY	PHONE NUMBER	EMAIL
Eddie Perez	NM Contracting		eperez@nmcontracting.us
Jerry Garcia	NM Contracting		jgarcia@nmcontracting.us
Andrew Munoz	NM Contracting	956-821-9880	amunoz@nmcontracting.us
Andrew Martinez	NM Contracting	956-467-3631	amartinez@nmcontracting.us
David Chacon	Brownstone	956-429-9033	david@bstone.biz
Gilbert Gallegos	Brownstone		gilbert@bstone.biz
Bobby Carrillo	Brownstone	956-223-3273	bobby@bstone.biz
Yesenia Suchil	ERO		ysuchil@goero.com
Joey Yzaguirre	ERO		jyzaguirre@goero.com
Monica Rodriguez	ERO		mrodriguez@goero.com
Norma Salinas	ERO		nsalinas@goero.com
Noah Lopez	Hidalgo County		noah.lopez@co.hidalgo.tx.us
Hector Garcia	Hidalgo County		hector.garcia1@co.hidalgo.tx.us
Jorge Arcaute	Hidalgo County Pct. 3		jorge.arcaute@co.hidalgo.tx.us
Eduardo Olivarez	Hidalgo County HHSD		eduardo.olivarez@hchd.org
Oscar Villarreal	Hidalgo County		oscar.rvillarreal@co.hidalgo.tx.us
Rigoberto Hinojosa	Hidalgo County HHSD		rigoberto.hinojosa@hchd.org
Eduardo Olivarez	Hidalgo County	956-457-1772	eduardo.olivarez@hchd.org
Victor Borrego	Hidalgo County Purchasing Department	956-457-1772	victor.borrego@co.hidalgo.tx.us
Solveig Klassen	Hidalgo County	956-445-5255	sklassen@halff.com
LeRoy Martinez	Halff		lMartinez@Halff.com
Niko Tapangan	Hidalgo County Health Department	956-622-0592	Nicko.Tapangan@HCHD.org
Rodolfo Rios	Hidalgo County Health Department	956-867-2852	Roldolfo.Rios@HCHD.org
Jose G Gonzalez	Hidalgo County Health Department	956-383-0111	

SAFETY

No.		Title	Assignment	Due Date	Priority	Status
1		No Saftey Issues		2/1/2024		Open/Closed

PROJECT PROGRESS

No.		Title	Assignment	Due Date	Priority	Status
2						Open/Closed

1. Install silt fence safety fence around job site - In Progress
2. Demo 2 of the building foundations & haul off debris - In Progress
3. Demo the Sidewalk and Asphalt - In Progress
4. Connect Temp. Power - In Progress
5. Revised Notice to Procced Date 2/12/ 2024
6. Demo of existing trees on property boundaries - In Progress

A new contractor for the infrastructure and site work has been hired

TWO WEEK LOOK- AHEAD

No.		Title	Assignment	Due Date	Priority	Status
3		Project Schedule		Due Date		Open/Closed

Send out revised schedule of values for review for pay app #1
Remaining Demolition Scope w/ Start of site utility work mobilization.

SUBMITTAL STATUS

No.		Title	Assignment	Due Date	Priority	Status
4		Submittal Status				Open/Closed

Open Discussion:
All Submittals send to ERO & Brownstone and disseminated to everyone.

*Anticipated March 21st board meeting for approval for sharyland water request.

Remove all trees near septic system or drains.
Controls to have lead time JCI or York
Lead time on generator form CAT
ATS
Add the Total Cost to the SOV on one of the columns
Split up the cost per buidling

*Disassemble metal buildings and demolish concrete pads and start grading - Grading in progress

*NMC to revise submitals to be seperated by each item - Complete

CAT GENERATOR WAS REQUESTED IN THE BIDDING DOCUMENTS AND DISCUSSED DURING THE INITIAL OAC MEETINGS

Attachments: Submittal log

Send JCI submittals to Oscar Villareal for confirmation.

RFI STATUS

No.		Title	Assignment	Due Date	Priority	Status
5	RFI 001	Commissioning - Complete		2/15/2024		Closed
	RFI 002	One Line Diagram - Pending		3/12/2024		Open

Attachment: RFI Log

*RFI Commissing - Closed
*Testing and balancing.
*NMC to coordinate with B2Z in regards to all Testing/inspections - Proctor Testing Complete
*Distribution list for RFI's

CHANGE PROPOSAL STATUS

No.		Title	Assignment	Due Date	Priority	Status
6		Change Proposal Status				Open/Closed

No Change Orders currently

CHANGE ORDERS STATUS

No.		Title	Assignment	Due Date	Priority	Status
7		Change Proposal Status				Open/Closed

No Change Orders currently

ASI'S

No.		Title	Assignment	Due Date	Priority	Status
8		ASI's	1		High	Open

Pending ASI from ERO regarding permit for health, fire & sewer.

*Pending ASI from ERO ergarding permit for health, fire and sewer as well as name of project.

PAYMENT APPLICATION

No.		Title	Assignment	Due Date	Priority	Status
9		Payment Applications	1		High	Open

Pending Pay App #1 Appproval
HC has redlined the pay app and revisions are being made by the contractor to conform with HC Purchasing, ARPA, and the Auditor's requirements
NM regarding the separation of both the CRC and Health Clinic - Complete

*NMC to submit SOV to brownstone/ERO - First Pay App Submitted

OWNER'S ISSUES AND DISCUSSION

No.		Title	Assignment	Due Date	Priority	Status
10		Owner Items / Concerns				Open/Closed

02/01/2024:
Contact Victor Borrego, Eduardo Olivarez, and Rigoberto Hinojosa about permiting issues - **Everything turned in on NM's side waitng on county for final review**
Site meeting with COUNTY, ERO, BROWNSTONE, & NM for boundary concerns & Site Setup - **Complete**
02/15/2024: Weather Station for tracking weather days - **NM to provide**
02/29/24: **Will the county be will to have lights permantly set up on power poles?**

MATERIAL TESTING

No.		Title	Assignment	Due Date	Priority	Status
11		Flex base	1	2/13/2024		CLosed
11		Select fill	2	2/27/2024		CLosed
		Asbestos Survey	3	1/26/2024		Closed
		Dig Test 811	4	1/30/2024		Closed
		Dig Test 811	5	2/27/2024		Closed
		Mock up	6	In Progress		Open
		Geo Report (Leach Field)	7	3/1/2023		Open

Dig Test (811) - Complete
Proctor Flex Base - Litos Pit Pass
Proctor Select Fill - EMI/Tonys Pit Pass
Mock up will be tested as needed
Geo Report to determine if select fill is suitable for leach field

Going to be needing testing for Mock-Up

WEATHER DELAYS

No.		Title	Assignment	Due Date	Priority	Status
12		Weather Days				Open

Submitting with Pay app 1

PRE-INSTALLATION MEETINGS

No.		Title	Assignment	Due Date	Priority	Status
13						Open/Closed

Will be coordinated as needed.

NEW BUSINESS

No.		Title	Assignment	Due Date	Priority	Status
17		Septic Tank	1			Open

Coordination with Septic System Contact & Health Department for information exchange to validate registration and to make sure we follow as per code.
Septic tanks will stay the same size. Pending revised ASI for details.

Coordination with Septic System Contact info and Validation of

Next OAC meeting: Next scheduled meeting: March 14 2024 @ 1:30 PM

Quote from Vendor
2/22/24

Waukesha-Pearce Industries

12320 South Main Street, Houston, TX 77035

Phone: 713-723-1050 ~ Fax: 713-551-0799

Date:	Thursday, February 22, 2024
Company:	Bidding Company
Attention:	Estimator
Quote Number:	020624-001 VA-R2
Reference:	Hidalgo County-El Paraiso Clinic SER ATS's

Thank you for considering WPI for your Power Generation needs. We are pleased to offer the following bill of material based on your recent request and the above referenced project.

Generac SD250 Diesel-Powered Generator, Generac TX Series Automatic Transfer Switches, Training, Testing, Freight, & Startup	$68,604.00
Generac TX Series Automatic Transfer Switch, & Freight	$9,196.00
Generac TX Series Automatic Transfer Switch, & Freight	$9,196.00

Your cost is based on your choice above, plus any applicable taxed.

Quantity 1 - Generac Industrial diesel engine-driven generator set with turbocharged/aftercooled 6-cylinder 8.7L engine, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 250 kW Rating, wired for 277/480 VAC three phase, 60 Hz
- Level 1 Acoustic Enclosure, Steel
  - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Certified
- SCAQMD
- H-100 Control Panel
  - Meets NFPA 99 and 110 requirements
  - Temp Range -40 to 70 degrees C
  - Digital Microprocessor:
    - Two 4-line x 20 displays, full system status
    - 3 Phase sensing, +/-0.25% digital voltage regulation
    - RS232, RS485 and Canbus remote ports
    - Waterproof connections
    - All engine sensors are 4-20ma for minimal interference
    - Programmable I/O
    - Built-in PLC for special applications
  - Engine function monitoring and control:

        - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
        - Isochronous Governor, +/-0.25% frequency regulation
        - Full system status on all AC output and engine function parameters
        - Service reminders, trending, fault history (alarm log)
        - I2T function for full generator protection
        - Selectable low-speed exercise
    - 2-wire start controls for any 2-wire transfer switch
- 21 Light Annunciator - Surface
- Remote Emergency Stop Switch, Surface-Mount, shipped loose
- 110 AH, 925 CCA Group 31 Batteries, with rack, installed
- Air Filter Restriction Ind
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 2000W, 240VAC
- 24" 372 Gallon Double-Wall UL142 Basetank
    - Mechanical fuel level indicator gauge
    - Electronic fuel level sender
    - Emergency Vent
- Pad Vibration Isolators
- AC/DC Enclosure Interior LED Lighting Kit
- Std set of 3 Manuals
- 120V GFCI and 240V Outlet
- Alternator Strip Heater
- Flush Mount Annunciator Kit
- Primary MLCB, 100% rated thermal-magnetic
    - 250 Amp
    - Shunt trip and Auxiliary Contacts
- Secondary MLCB, 100% rated thermal-magnetic
    - 100 Amp
    - Shunt trip and Auxiliary Contacts
- 5-Year Comprehensive Warranty
- SD0250KG178.7D18HPSY3

Quantity 1 - 8.7 10.3 DSL 5C - 5 YR P/L/T

Quantity 2 - TX Series Automatic Transfer Switch consisting of the following features and accessories:

- 400 Amp, 4 pole, 277/480 VAC three phase, 60 Hz, with 2-Wire Start Circuit
    - Utility Voltage Sensing Controls:

        - Adjustable Drop-out and Pick-up
        - Adjustable Utility Interrupt Delay
    - Adjustable Logic Controls:
        - Minimum Standby Voltage
        - Minimum Standby Frequency
        - Engine Warmup
        - Return to Utility
        - Engine Cooldown
        - Transfer on Exercise
- 3 Owner's Manuals
- Double Set of Form C Aux Cont
- IBC Seismic Certified
- Any Breaker (3 Cycle)
- Withstand and Close-On Rating - 200kA Fuse Rating
- Withstand and Close-On Rating - 35kA Any Breaker
- Withstand and Close-On Rating - 65kA Specific Breaker
- Enclosure Heater
- CSA - C22.2 No.178
- UL Listed 1008 by ETL
- Controller Cover, Padlockable, Black
- NEMA 3R Enclosure
- Service Entrance Rated
- Any Breaker (3 Cycle)
- In Phase Only Transfer
- Five Year Extended Warranty
- TX611NN0400K4CH

Quantity 2 - G/H/M/TX 400-800 5C 5 YR P/L

Quantity 2 - G/H/M/TX 400-800 5C 5 YR P/L

Quantity 1 – Training

Quantity 1 – Load Bank Testing

Quantity 1 – WPI Standard Factory Start-Up & Warranty Registration

FOB Shipping Point

Project Clarifications:

- Quotation based on email communication only.

Waukesha-Pearce Industries

12320 South Main Street, Houston, TX 77035

Phone: 713-723-1050 ~ Fax: 713-551-0799

Standard Clarifications:

- Cancellation policy included in WPI Terms and Conditions.
- All PO's must be submitted to PowerGenPO@wpi.com and virgilio.aniceto@wpi.com.
- Sales Tax is NOT Included.
- All gas train accessories by others.
- Any Factory witness test expenses by others.
- Offering manufacturers standard materials of construction.
- In accordance with acceptable state laws, we may impose a surcharge on credit cards that is not greater than our cost of acceptance.
- Offering manufacturers' standard field testing, Startup & Warranty Registration unless specifically noted above only.
- Quotation is limited to the quantity and description listed above.
- External plumbing & required Primary Gas Pressure Reducing Regulator by others
- Recommended gas supply guidelines available at www.energy.wpi.com.
- All Fuel to be provided by others.
- All fresh air intake & exhaust piping by others for special applications done by others.
- Startup/commissioning must be done within 1 year of factory shipment.
- Responsibility of freight claims to be done by others.
- Jobsite Offloading/Setting is to be done by others.
- Installation & External Wiring is to be done by others.
- Assumes that all work will be done during Normal Business Hours (M-F 8-5)
- Manufacturers' standard literature available upon request.
- This quotation is subject to WPI Terms and Conditions.
- Roof curbs and all roof accessories by others.
- Quotation is valid for 30 days.

Taxable customers are subject to a 1.5% Diesel Surcharge Tax on all units 50Hp and up.

Current estimated lead time is 28 to 36 weeks from release to order and approved credit by WPI Credit department. All lead times are updated periodically and are subject to change.

Waukesha-Pearce Industries

12320 South Main Street, Houston, TX 77035

Phone: 713-723-1050 ~ Fax: 713-551-0799

Best Regards,

Virgilio E. Aniceto
New Unit Sales - Power Generation
Waukesha-Pearce Industries
Mobile: 956-272-2784
Email: virgilio.aniceto@wpi.com
www.wpi.com

Accepted:

_____
Print Name

_____
Signature

not signed/accepted

Other services available include Paralleling, Turnkey Services, Remote Monitoring Systems, Preventative Maintenance Agreements, Fuel Maintenance Services, Annual Load Testing, Multi-Purpose Docking Stations and other Power Generation Needs.

1. Acceptance
All quotations offered by WPI are subject to acceptance within thirty (30) days from the quoted date.

2. Payment Terms
Subject to WPI Credit Department approval, WPI's payment terms are Net-30 Days from date of invoice. WPI does NOT allow for the buyer to withhold "Retainage" from final payment. In the event that WPI requires progress payments the following milestone achievements are:

50% upon submittal approval and release of order to the factory
50% upon completion of equipment, shipment from the factory and prior to delivery to customer site

3. Cancellation or Termination
The Buyer, only upon payment of reasonable cancellation charges related to expenses already incurred and/or commitments made by WPI, may cancel any order placed with WPI. Cancellation charges for Generac Power Systems equipment purchases are subject to the following charges:

For Orders <$100,000 in Total Price:
20 weeks prior to ship date 10% of Selling Price
- **18 weeks prior to ship date 20% of Selling Price**
- **16 weeks prior to ship date 30% of Selling Price**
- **15 weeks prior to the ship date or less 40% of Selling Price**
- **Discontinued Product (Engine) No Cancellations Accepted**

Non-Standard Tanks
- **Special Engineering (Upon Generac SEQ Approval) Incremental 10% of Selling Price**

For Orders >$100,000 in Total Price:
- **20 Weeks Prior to Ship Date 10% of Selling Price**
- **18 Weeks Prior to Ship Date 15% of Selling Price**
- **16 Weeks Prior to Ship Date 20% of Selling Price**
- **14 Weeks Prior to Ship Date 30% of Selling Price**
- **13 Weeks Prior to Ship Date 40% of Selling Price**
- **12 Weeks Prior to Ship Date 50% of Selling Price**
- **10 weeks prior to the ship date or less 60% of Selling Price**
- **Discontinued Product (Engine) No Cancellations Accepted**
- **Special Engineering (Upon Generac SEQ Approval) 10% of Selling Price**

Cancellation For PSTS Transfer Switch Orders:

PSTS Products <1000 Amps:
- **>18 Weeks Prior to Ship Date 0% of Selling Price**
- **14-18 Weeks Prior to Ship Date 25% of Selling Price**
- **Less than 14 Weeks Prior to Ship Date 100% of Selling Price**

PSTS Products >1000 Amps:
- **13 Weeks Prior to Ship Date 0% of Selling Price**
- **12-13 Weeks Prior to Ship Date 25% of Selling Price**
- **Less than 12 Weeks Prior to Ship Date 100% of Selling Price**

Residential Products:

Cancellation of stock item products is permitted provided the cancellation request is executed by Generac sales and order entry prior to shipment. Cancellations are subject to the following fees:
- **2-4 Weeks Prior to Ship Date 2% of Selling Price**
- **1 Day-2 Weeks Prior to Ship Date 5% of Selling Price**

Product purchased with special engineering requirements or discontinued engines are subject to 100% cancellation charge.

4. Change Orders
No alterations in specifications, either for total quantity, delivery, mechanical, electrical or other details may be made without written consent of WPI and readjustment of price and estimated delivery. Change order requests are subject to the following fees and based on factory shipping windows:

- **4-6 weeks prior to ship date……4%**
- **2-3 weeks prior to ship date……6%**
- **Less than 2 weeks……No Changes Accepted**

Depending on the nature and timing of the changes requested, it may be necessary to reschedule production to a later date.

5. Taxes
In addition to the prices stated in the quote, Buyer shall reimburse WPI for any excise, sales, diesel fuel surcharge or use tax incident to this transaction for which WPI may be liable or compelled to collect.

6. Shipping Dates
Any shipment date provided in the quote is approximate and is estimated based on the advised lead-times provided by the manufacturer(s) of the equipment quoted. Upon receipt of a Purchase Order from Buyer, along with complete specifications and drawings approval, if required, and after receipt of WPI's Purchase Order to the manufacturer the estimated delivery will again be advised by the manufacturer to WPI and WPI will update Buyer on the new estimated delivery. WPI shall not be liable for any loss or damage for delay or non-delivery due to the acts of civil or military authority, acts of the Buyer or by reason of Force Majeure, which shall be deemed to mean all other causes whatsoever not reasonably within the control of WPI, including, but not limited to Acts of God, war, riots or insurrection, blockades, embargoes, sabotage,

epidemics, fires, strikes, lockouts or other industrial disturbances, delays of carriers, the inability to secure materials, labor shortages or manufacturing delays. Any delay resulting from any such cause shall extend shipping dates correspondingly. WPI shall in no event be liable for any special, direct or indirect or consequential damages arising from delay(s) irrespective of the reason.

7. Shipping and Delivery Acceptance
It is the responsibility of the buyer or the buyer's representative to inspect all equipment at time of delivery for visible or concealed freight damage. Apparent and concealed damage must be noted on the driver's delivery ticket and subsequent freight claims must be completed and filed directly with the drayage company by the Buyer. In most cases, buyer has up to 30 days to file freight claims when damage is noted with the freight carrier at time of delivery. In most cases, buyer has up to 5 days to file freight claims on damage found after equipment is delivered but not noted at time of delivery. WPI is NOT responsible for damages incurred to equipment during shipment nor is responsible for filing freight claims on damaged equipment incurred in shipment.

8. Equipment Storage
It is hereby understood and agreed that the customer will accept delivery of all purchased equipment within 30 days of fabrication completion. WPI may, at the customers written request, store or stage all or part of, the customers purchased equipment at one of our strategic facilities provided the customer submits an acceptable "Bill & Hold" letter to WPI Inventory Control Department. Buyer hereby agrees to pay WPI in full for all stored equipment within the terms of the contract (Net 30) otherwise the order will subject to incur storage fees of 3% of the contracted sales price per month.

9. Indemnity
Buyer agrees that it will indemnify and hold harmless WPI, its officers, agents and employees, from and against any and all claims, losses, damages, causes of action, suits and liabilities of every kind, including all expenses of litigation, court costs and attorney's fees, forfeiture of an oil, gas or mineral lease, damage to a producing reservoir or lease operations of lost production, denied certificate of occupancy or "Green Tag" from the local "AHJ", arising out of, or in any way connected with the failure of, or the operation of the equipment sold by WPI, unless WPI is proven in court to be 100% solely negligent in its responsibilities.

10. Consequential Damages and Other Charges
WPI will not be responsible or liable for any special, direct, indirect or consequential damages or for any operational interruptions or delays, production loss, or other damages or claims of whatever kind caused by or arising out of the fabrication, manufacture, sale, delivery, installation, use, breakage or performance of equipment sold or any part thereof, except only to the extent and in the manner set out in Item 12 below having to do with warranty.

11. Performance Guarantee
Performance is subject to manufacturer's guarantees for horsepower and capacities and is subject to de-rating for actual site conditions.

12. Comments and Exceptions
When Buyer's specifications are attached to or referenced in an invitation to quote, WPI makes a thorough and sincere effort to review these and provide a quote based on WPI's interpretation of the Buyer's specification. WPI's quote will clearly state what is included and what our interpretation is of Buyer's requirements. It is the Buyer's responsibility to review WPI's quote carefully and advise WPI of any discrepancies between Buyer's specification and WPI's quote. WPI's quote constitutes WPI's total offer and only those items; procedures, scope and content clearly stated in the quote are included and WPI makes no guarantee that the products quoted will meet the Buyer's specifications.

13. Warranty
WPI warrants that the equipment of its own fabrication shall be free from defects in design, material, workmanship and title, under normal use, service, and operating conditions, for the period of one (1) year from date of start-up or commissioning or eighteen (18) months from date of shipment. WPI's exclusive remedy for breach of this warranty shall be repair or replacement of any defective parts packaged by WPI, F.O.B. Houston, Texas. Accessories or equipment furnished by WPI, but manufactured by others, shall carry that manufacturer's warranty, which will be passed-on to Buyer. WPI shall not be liable for any repairs, replacements, or adjustments to the equipment or any costs of labor performed by the Buyer or others without WPI's prior written approval. WPI will serve the Buyer by acting as Buyer's representative in regard to warranty claims for items not manufactured by WPI. However, warranty in all cases is limited to the manufacturers' warranty. Any part(s) found to be defective will be replaced at no charge subject to each manufacturers' respective warranty policy, which WPI will administer. Any part(s) replaced that are not subsequently found to be defective by the manufacturer will be charged to the Buyer. Warranty labor for replacement or repair is on site only. Buyer is responsible for travel time, transportation and expenses to and from the closest WPI location, to the location of the subjected equipment. Should WPI travel to the location and find that the cause is not warrantable, all expenses incurred by WPI, to include travel and labor, will be billed to the Buyer at WPI's posted rates. WPI will not be responsible for crane, barge, or special transportation charges associated with warranty repairs.

14. Literature
WPI will provide upon request, the manufacturers standard literature. This includes Spec Sheets, Bill of Materials, Drawings, Operation and Maintenance Manuals and/or Factory Test Reports. WPI takes exception to all specification requirements & requests for non-standard factory literature.

15. Hours of Operation

This bid assumes all work will be done during normal business hours. Normal hours of operation for WPI are 8 am – 5 pm Monday-Friday. Any work performed outside of the normal operating hours will be billed at 1.5 times our current labor rate.

16. Start-Up
When factory start-up services and field testing are included as part of a quoted package it is understood that the equipment will be made available by the buyer for WPI to perform the factory services within six (6) months of shipment. Additional charges may be required for factory services performed beyond the six (6) month window. Customer has one year (365 days) from the initial ship date of a Generac generator to be started up/commissioned and filed online via GENservice. Registration will then activate the warranty start date. If the product is not started up/commissioned within the first year of the ship date, the warranty start date will revert back to the initial ship date. In addition, any product not started up in the first year must have the Long Term Preservation and Storage Procedure performed and the form completed. Forms must be submitted BEFORE the first year after the initial ship date has expired.

Reviewed
Submittal
3/25/24

ERO | ARCHITECTS

SUBMITTAL REVIEW

TRANSMITTAL LETTER

Date:	March 25, 2024	*From*	Norma Salinas
To:	Andrew Martinez	*Project Name*	Hidalgo County El Paraiso Building
Company:	NM Contracting, LLC	*Project No.*	21087
Address:	2022 Orchid Drive McAllen, Texas 78501 (956) 631- 5667		

Re: SBT #125 26 32 13.13 Diesel-Engine-Driven Generator Sets

Contractor:	NM Contracting, LLC
Subcontractor:	Benmar Electric
Specification Section:	26 32 13.13
Specification Name:	Diesel-Engine-Driven Generator Sets

☐ *Reviewed* ☐ *Rejected* ☐ *Revise and Resubmit* ☒ *Furnish as noted*

Corrections or comments made on the shop drawings during this review do not relieve contractor from compliance with requirements of the drawings and specifications. This check is only for review of the general compliance with the information given in the contract documents. The Contractor is responsible for: Confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his or her work with that of all other trades and performing all work in a safe and satisfactory manner.
ERO Architects, Inc.

By: Yesenia Suchil, PM **Date: March 25, 2024**

Remarks: See comments below. Please make sure to pick up all notes on the attached submittal.

Copies	*Description*
1	**BIM360**

101 E. Delta, Ste. A/B
Pharr, TX 78577
(956) 884-7006

Transmittal

DATE
02/27/2024

TO

Norma Salinas
ERO Architects
300 S. 8th Street
McAllen, TX 78501
(956) 661-0400

FROM
Daniel Chavez

VIA
Email

PROJECT 22219| Hidalgo County El Paraiso Building

ENCLOSURES

Copies	Description
1	Email

REMARKS
For your use.

Submittal Comments

PROJECT 22219| **Hidalgo County El Paraiso Building**

SUBMITTAL 26 32 13.13 | Diesel-Engine-Driven Generator Sets

SPEC SECTION 260000

REVIEWED BY Daniel Chavez **DATE REVIEWED** **3/2/24**

Reviewing is only for conformance with the design concept of the Project. The Contractor is responsible for dimension; for information that pertains solely to the job processed or to the means, methods, techniques, sequences and procedures of construction; and for coordination of the work of all trades. The Contractor shall not be relieved of the responsibility for any deviation from the requirements of the Contract Documents by the Engineer's review of Shop Drawings.

Actions:

A. ☐ Reviewed
B. ☐ Reviewed as Noted
C. ☐ Not Approved
D. ☐ Revise and Resubmit
E. ☐ Revise and Resubmit Items Noted
F. ☐ Contractor's Certification Required
G. ☐ Manufacturer Not as Specified
H. ☐ Item Not Submitted

ITEM NUMBER	SPEC SEC	ITEM/COMMENTS	ACTION
1	26 32 13.13	Diesel-Engine-Driven Generator Sets	
		Provide Level 2 Sound Attenuated Enclosure	B

Letter of Transmittal

From	
Contact	Andrew Munoz
Company	NM Contracting, LLC
Address	2022 Orchid Ave
City, State, Zip	McAllen, Texas 78501
Phone	(956) 631-5667
Fax	(956) 627-3959

To	
Contact	Yesenia Suchil
Company	ERO Architects
Address	135 Paseo Del Prado
City, State, Zip	Edinburg, TX, 78539
Phone	(956) 661-0400
Fax	(956)

Project Information	
Project #	2134
Name	El Paraiso Health Clinic
Address	1901 N Los Ebanos Blvd
City, State, Zip	Mission, TX, 78573

Submittal Information	
Submittal #	26 32 13.13
Description	DIESEL-ENGINE-DRIVEN GENERATOR SETS
Date	03/05/24
Subcontractor	Benmar Electric

WE ARE SENDING: ■ Attached via E-mail ☐ Under separate cover

☐ Shop drawings ☐ Letter ☐ Prints ☐ Change Order ☐ Plans ☐ Samples ■ Submittal

SUBMITTED FOR:
■ Approval ☐ Your Use ☐ As Requested ☐ Review & Comment

ACTION TAKEN:
☐ Approved as Submitted ☐ Approved as Noted ☐ Returned for Corrections

☐ Other ☐ Resubmit ☐ Submit

DATE	SUBMITTAL NO.	DESCRIPTION	COPIES	RETURN	TRANSMITTED FOR
03/05/24	26 32 13.13	DIESEL-ENGINE-DRIVEN GENERATOR SETS	1	1	Approval

Remarks

Contractor's Stamp
NM Contracting, LLC

Date Received: 03/01/24

Subcontractor: Benmar Electric

Reviewed By: Andrew Munoz

This has been reviewed for General Acceptance only. All Subcontractors & Suppliers field verify all dimensions & quantities. Subcontractor to provide all equipment and materials which meet or exceed design requirements of project plans & specifications.

This submittal has been prepared specifically for:

El Paraiso Health and CRC Buildings

1901 N Los Ebanos Rd.
Alton, Texas 78573

Section 263213.13 Diesel Generator Set
Section 263600 Transfer Switches

Benmar Electric, LLC
4500 Pecan Blvd
McAllen, TX 78501

PO is sent and order is placed 4/24/24

Purchase Order

Date	P.O. No.
4/24/2024	10611

Vendor

WPI
12320 S. MAIN ST
HOUSTON, TX
77035

Ship To

MPWR ELECTRICAL DIRECT
323 W EXPWY 83 STE B
PHARR, TX 7857
7

CUSTOMER PO NO	CUSTOMER NAME	VENDOR QUOTE NO
	BENMAR	

Item	Description	Qty	Rate	Amount
LOT OF MISC	GEN & ATS Generac SD250 Diesel-Powered Generator, Generac TX Series Automatic Transfer Switches, Training, Testing, Freight, & Startup	1	86,996.00	86,996.00

Based on NM's SOV, the PO and Order placed on 4.24.24 for the amount of $86,996.00 does not reflect the amount approved for this item.
Additionally, since said amount is in excess of the amount reflected on NM's SOV, it is inferred that this amount includes the generator's sound enclosure, which was not approved.

356	**DIVISION 26 - ELECTRICAL**	
357	**Mobilization/Submittals**	$7,250.00
358	**Temporary Power**	$2,500.00
359	**Rough-In Labor**	$55,351.00
360	**Rough-In Material**	$32,500.00
361	**Wire Labor**	$28,500.00
362	**Wire Material**	$15,100.00
363	**Lighting Labor**	$10,510.00
364	**Lighting Material**	$46,865.00
365	**Device Labor**	$6,500.00
366	**Device Material**	$4,500.00
367	**Switchboard Labor**	$8,400.00
368	**Switchboard Material**	$25,300.00
369	**Generator/ATS Labor**	$7,334.00
370	**Generator/ATS Material**	$85,400.00

~~$86,996.00~~

RFI for Sound Barrier, CAT Model is Requested

CAT GENERATOR WAS REQUESTED IN THE BIDDING DOCUMENTS AND DISCUSSED DURING THE INITIAL OAC MEETINGS

Request for Information (RFI)

Project Information	
Project #	2134
Title	Hidalgo County El Paraiso Project
Address	1901 N Los Ebanos Rd
City, State, Zip	Alton, TX 78573
Country	United States

Request for Information		
RFI #	014	**Drawing**
Date	05/17/2024	**Spec. Section**
Due Date	05/21/2024	**Location**
		Other
Priority	Rush (Work In Progress)	
Subject	Diesel-Engine-Driven Generator	
Reason	Conflict in Contract Requirements	

From	
Contact	Noel Munoz Jr
Company	NM Contracting, LLC
Address	2022 Orchid Ave
City, State, Zip	McAllen, TX 78504-4152
Country	United States
Phone	
Fax	

To	
Contact	Edcon Builders
Company	Edcon Builders
Address	1101 W Ferguson Ave
City, State, Zip	Pharr, TX 78577
Country	
Phone	956-884-7006
Fax	

Request

The lowest requirement for the enclosure is 78 dBA according to the specifications. As you can see at full load our level 1 sound attenuated enclosure comes in at an average of 76 dBA. We meet the specification as spec'd out for. If a level 2 is wanted there will be a change in price, an increase in lead time and other manufactures may need to be use to meet a level 2 enclosure. Can you please clarify in the specs where a level 2 attenuation enclosure is needed?

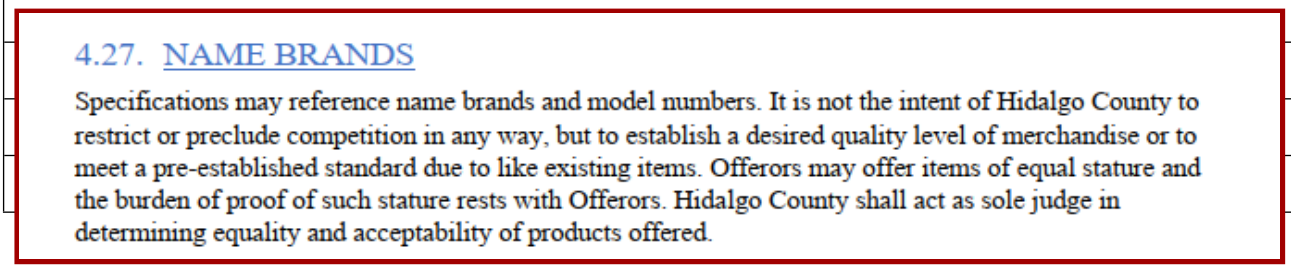
I have attached the decibel requirements specifications page & I have also attached the sound testing page from the submittal approved as noted.

Suggestion

Response

PLEASE SEE ATTACHED RESPONSE BY ENGINEER. SOUND ENCLOSURE LEVEL 2 IS REQUERED AS BASIS OF DESIGN. CONTRACTOR IS TO PROVIDE A LEVEL 2 ENCLOSURE AT NO ADDITIONAL COST TO THE OWNER.

THE OWNER REQUESTED A CAT C9 D250 GENERATOR WITH A SOUND ENCLOSURE LEVEL 2.
PLEASE SEE THE BELOW SCREENSHOT FROM THE OWNER - CONTRACTOR AGREEMENT REGARDING BASIS OF DESIGN AND SPECIFIC NAME BRANDS.



4.27. NAME BRANDS

Specifications may reference name brands and model numbers. It is not the intent of Hidalgo County to restrict or preclude competition in any way, but to establish a desired quality level of merchandise or to meet a pre-established standard due to like existing items. Offerors may offer items of equal stature and the burden of proof of such stature rests with Offerors. Hidalgo County shall act as sole judge in determining equality and acceptability of products offered.

YESENIA SUCHIL 6/5/2024
Signature

Price for New Generator is Presented

Austin • Brownsville • Corpus Christi • Dallas • Edinburg • Ft Worth • Laredo • Longview • Pflugerville • San Antonio • Victoria • Waco

Quote No: 31246874
Quote Date: 7/22/2024
Quote Expires: 30 Days

Hidalgo Co Paraiso Clinic

Qty: 1

Description

- EPA STATIONARY EMERGENCY
- **60HZ 480 VOLT (WYE)**
- **STANDBY POWER**
- **250ekW, 60Hz, 1800rpm**
- C9 D250GC PGS
- UL 2200 LISTED PACKAGE GEN SET
- ADEM A4 GOVERNOR
- PERMANENT MAGNET GENERATOR
- SPACE HEATER
- ALT M2754L4 SE DA
- FULL POWER
- **C9 INTEGRAL TANK (24HR) UL142**
- FUEL TANK FILL PIPE & LOCK CAP
- AUDIO & FUEL ALARM (90% LEVEL)
- **C9 SOUND ATTENUATED LVL 2 (WHITE) w/MUFFLER**
- ENCLOSURE LIGHTS
- NFPA BUNDLE
- GEN RUNNING & FAULT RELAY
- PANEL MOUNTED AUDIBLE ALARM
- 100A LOAD CENTER
- 20A GFCI (CONTROLS SIDE)
- EXTERNAL EMERGENCY STOP
- 1000CCA WET BAT 90A/HR INSTAL
- BATTERY CHARGER 10 AMP
- JACKET WATER HTR (PUMP STYLE)
- **400A LSI SINGLE MANUAL CB**
- **100A MULTI MANUAL LSI BREAKER**
- 1ST BREAKER AUXILIARY CONTACTS
- 2ND BREAKER AUXILIARY CONTACT
- NEUTRAL BAR 400A
- NEUTRAL BAR 60A & 100A
- STANDARD RADIATOR
- REMOTE E-STOP BUTTON
- REMOTE ANNUNCIATOR (GCCP)
- PRODUCT LINK 4G LTE TELEMATICS
- AMERICAS BAND
- ACCEPT - REVIEW LINK IN DESC
- STD TEST - PKG GEN SET 0.8 PF
- ALTERNATOR TEST REPORT
- PGS TEST REPORT @ 0.8 PF

SHALL COMPLY WITH CONSTRUCTION DOCUMENTS.

Qty: 2

Description

- TRUONE CONTROLLER
- **OPEN TRANSITION**
- **STANDARD - NO BYPASS**
- **NEMA 3R**
- **400 AMPS**
- MECHANICAL LUGS - STANDARD
- 480V; 60Hz
- THREE PHASE
- SWITCHED NEUTRAL (4 POLE)
- CONTACTOR
- TRUONE 6-#8-1/0 CABLES
- MODBUS RTU + 2 IO
- 2 NO and 2 NC

Grand Total $95,500.00

TERP, Local, state, sales or taxes, which may be applicable, are not included.

Lead Times will be confirmed once awarded, subject to change:

- Generator:
  - o Submittals: approximately 4 week minimum
  - o Estimated Delivery after Release: 16 – 20 weeks
- ATS Package:
  - o Submittals: 4 weeks
  - o Estimated Delivery after Release: 12 – 16 weeks

Notes, Clarifications and Exceptions:

- Holt Scope of Supply is limited to those items expressly outlined in this proposal. Should there be any uncertainty in this proposal, please call to clarify
- Pricing is based on Drawing E400
- Commissioning of the generator equipment will match the manufacturer's recommended services and is considered to be complete at the time of the Holt Power Systems startup unless explicitly stated in our proposal. If additional trips are required, those will be charged at the published field service rate for the time and date the service is rendered

Accessories & Services Included:

- Soft copy Submittals
- Delivery to jobsite (All equipment FOB Origin)
- (3) Full days of startup (normal business hours)
  - o Commissioning is included and to be performed once equipment is fully installed and prestartup checklist has been completed.
  - o Testing of elevators and fire pumps to be done during this scheduled startup
  - o Additional trip charge may apply if equipment is not completely installed
  - o Field tech travel is included
- Load Bank Test: 2 hours at no more than 100% load
  - o Resistive Only
  - o 50' cables will be provided
- Building Load Test: 2 hours of building load test to be conducted after load bank testing
- O & M and Parts manuals: electronic copy
- Training will be provided

Accessories & Services NOT Included:

- Factory Witness Testing, Adder available (not specified)
- Generator Load Side Cable Lugs
- Fire Marshal Testing can be provided at an additional cost
- Coordination / Arc Flash Studies and Labels, SCADA / BMS / Fire Alarm Systems, Independent Testing Agency, NETA Testing, Infrared Scanning
- Construction and Fuel Tank permits and/or registrations
- Offloading of equipment at jobsite
- Protection from damage after delivery
- Cleaning and/or repairs from damage done by others after delivery
- Fuel for startup and testing

-HOLT POWER SYSTEMS TERMS & CONDITIONS-

Proposal This proposal is provided to meet the intention of the project equipment requirements. Some interpretational differences between our proposal and the specifications may exist; therefore, the above bill of material contains our offer for this project. None other is expressed or implied unless stated in writing.

Pricing The speed of the price increases are a problem for the industry in totality. Holt Cat will work to minimize the burden of the increase as much as possible as we understand the impact this will have on your business as well as the relationships with your customers. The following will best prepare you for how Holt Cat will potentially impose the increases:

- On newly awarded (Hold for Submittals Approval PO) Holt Cat will also reprice for approval to move forward with submittals

Taxes & Permits This Proposal excludes any local, state and TERP applicable sales taxes, permits and licensing. Taxes, unless otherwise stated are not included in our Proposal. Note that a 2% additional charge is required by the state of Texas for all stationary engine equipment due to emission restrictions. This is in addition to any state and local taxes that may be required. No permits are included in this proposal unless specified in the preceding proposal.

Lead Time Standard delivery of proposed Caterpillar Generator Set to jobsite will be confirmed after receipt of order and submittals are approved and credit terms are agreed.
The quoted lead times are standard from the factory at the time of this quotation. In some cases, lead times may be able to be improved to assist in customer needs. Please call and inquire about possible improved lead-times.

Special Notes It is the responsibility of the customer to verify the voltage, number of poles in ATS, terminal conductor sizes and other Bill of Material items quoted above as compared to the requirements of this project. Lugs for terminations are included and Project Manager can assist with coordination to ensure compatibility. Holt Cat will not supply new lugs once submittals are approved and equipment has been ordered.

Fuel Tank Changes occur at the municipal level in regard to fire code requirements. Unless otherwise stated within the body of this quotation, the fuel tank included is as specified by the written specifications of this project (if specifications were supplied at the time of quotation). The specifications may be in conflict with City Fire Codes for the location of the project. Responsibility for local code compliance is with the specifying engineer and those responsible for the permits for the project.

Payment Terms Payment due in full Net 30 after delivery with approved Holt credit or COD at time of shipment. In cases where retainage is required, a maximum of 10% retainage will be allowed. The balance of retainage is due after startup-up/ commissioning services of equipment provided by Holt Cat is completed. Sales tax will be added to invoice. Resale tax certificate must be on file with the Holt credit department for tax-exempt sales.

5 year noted on specs

Warranty Caterpillar's standard two (2) year warranty applies for standby applications, unless otherwise noted. Standard manufacturer's warranty applies to all non-Caterpillar equipment. Copies of warranty statements are available upon request.

Cancellation There will be a minimum 25% cancellation fee for orders cancelled, once placed and accepted by Holt Power Systems. Cost of custom components, completed fabrication, or any other work performed at the time of cancellation will be added to the cancellation fee. If all materials have been acquired the cancellation fees will be 100%. Caterpillar content, 14 days after orders placed will be 100% of the order. Written notice of cancellation is required.

General Clarifications

Holt Power Systems is an equipment supplier only. No fuel, wiring, connecting, hook-up, plumbing, or other installation type labor is included in the proposal unless noted herein. This includes any control wiring to and from the generator sets to any automatic transfer switches, paralleling gear or other devices which HPS may or may not supply.

The customer is responsible for any and all installation of the above equipment. Holt personnel will perform an installation audit prior to start-up.

Unless stated otherwise in this proposal, service and/or maintenance for this equipment are not included. HPS product support service group can provide a quote to the end user of this equipment for those services under a separate proposal.

All equipment needed to perform any loading or unloading of the equipment supplied by Holt Power Systems is the responsibility of the buyer.

Holt Power Systems limits the scope of supply for this quotation to the equipment and services listed in our bill of material. Unless specifically listed in our bill of material, equipment not indicated is to be supplied by others. We have detailed the equipment proposed in the bill of material. Please carefully review it to be certain it meets your requirements.

Third party electrical testing and certifications, seismic calculations, coordination studies, stamped engineering calculations, emissions testing, NETA, infrared scanning, meg-testing or other services and material not specifically included in the preceding quotation, is not included in this proposal.

Holt Power Systems reserves the right to correct any errors or omissions.
Contracts which include penalty or liquidated damage clauses for failure to meet promised shipping dates are not acceptable or binding on Holt Power Systems, unless accepted and confirmed in writing by an officer of Holt Cat.

Holt Power Systems standard terms and conditions are included in the quotation and hereby become part of this quotation. These same terms need to be noted on any purchase order received by Holt Power Systems.

Holt Power Systems will not be responsible for any labor or material charged by others associated with the start-up and installation of this equipment unless previously agreed upon in writing by HPS.

Testing & Commissioning

If included in the proposal, all on-site startup/ commissioning, testing and training will be performed Monday through Friday during normal business hours and excluding nights, weekends, or holidays unless agreed otherwise in writing. Additional charges may be added for work requested to be done outside HPS's standard business hours, on weekends, or holiday. For those instances, standard overtime rates will apply. All permits are to be by others.

Shipping Delivery of the product unless otherwise stated is by hired independent freight carriers that may require road permitting and other requirements which are outside the responsibility of Holt Cat. Traffic delays and required routing may also delay deliveries. Holt Cat is not responsible for any delays and costs associated with those delays.

Submittals An order for the equipment covered by this proposal will be accepted on a "Hold for Submittal Release" basis. The order will not be released and scheduled for production until written approval to proceed is received in HPS's office.

Authorization to proceed with submittals with the agreement to Terms and Conditions provided:

_____

Name

_____

Date

_____

Purchase Order Number

Richard de los Santos
Power Systems – Sales Engineer
Cell: 210-763-2278
Richard.delosSantos@HoltCat.com

Change Proposal Request (CPR)

Project Information	
Project #	2134
Title	Hidalgo County El Paraiso Project
Address	1901 N Los Ebanos Rd
City, State, Zip	Alton, TX 78573
Country	United States

Change Proposal Request	
Contract #	001
CPR #	003 R2
Issue Date	02-Aug-2024
Subject	ASI 1 Changes for Septic Tank

Prime Contract Company	
Contact	Andrew Munoz
Company	NM Contracting, LLC
Address	2022 Orchid Ave
City, State, Zip	McAllen, TX 78504-4152
Country	United States
Phone	
Fax	

Owner	
Contact	Hidalgo County Precinct 3 County of Hidalgo
Company	Hidalgo County Precinct 3
Address	724 Breyfogle Rd
City, State, Zip	Mission, TX 78574
Country	United States
Phone	956-585-4509
Fax	

Description of the proposed change:

At the request of Hidalgo County regulatory and the Design team via ASI 001 requesting changes to the original contracted scope of work regarding the septic tank. The cost proposal provided is in direct alignment with revised sheet C5.00, specifically the septic tank size. Septic tank size was decreased from 5,000 gallon as per original contract documents to 4,000 gallon. Breakdown includes credit for original 5,000 gallon septic tank and labor and the price for the new 4,000 gallon septic tank and labor. Breakdown on following pages.

Net Amount of this Proposed Change: **($10,000.00)**

The Contract time due to this Change Proposal Request is to be determined at a later date.

This document, when fully executed as accepted, shall constitute authorization to proceed with the work described herein.

Submitted By

NM Contracting, LLC
Company

By _____ Date _____

Response: ☐ Accept ☐ Do Not Accept

Hidalgo County Precinct 3
Company

By _____ Date _____

Proposed Items

Item #	Item Description	Quantity	Unit	Unit Price	Subtotal
1	Credit for 5000 Gallon Septic Tank Material (Base Bid)	1	LS	<32,500.00>	<32,500.00>
2	Credit for 5000 Gallon Septic Tank Labor (Base Bid)	1	LS	< 7,500.00>	< 7,500.00>
3	New 4000 Gallon Septic Tank Materials	1	LS	22,500.00	22,500.00
4	New 4000 Gallon Septic Tank Labor	1	LS	7,500.00	7,500.00

Subtotal = ($10,000.00)
Tax = $0.00
Total = ($10,000.00)

JR-Garcia Company, LLC.

Quotation

3406 Joycee Dr
Mission, Tx. 78573
Phone: (956) 529-7140

DATE 8/23/24
Quotation # 24-02 R1

Quotation To:

Prepared by: Jose Luis Garcia

NM Contracting, LLC
2022 Orchid Ave.
McAllen, Tx. 78504

Hidalgo County El Paraiso Project
ASI 01 Sanitary Sewer System Improvements

Description	QTY	UNIT	Labor	Materials	Unit Price	Amount
~~6" SEWER LINES, WYE, C.O. AND & 45'S~~	~~157.00~~	~~LF~~	~~$ 4,072.97~~	~~$ 8,487.03~~	~~$ 80.00~~	~~$12,560.00~~
4000 GALLON SEPTIC TANK	1.00	EA	$ 7,500.00	$ 22,500.00	$ 30,000.00	$30,000.00
~~LEACHING FIELD (84' X 99')~~	~~1.00~~	~~EA~~	~~$ 68,161.87~~	~~$ 46,510.73~~	~~$ 114,672.60~~	~~$114,672.60~~
~~LEACHING FIELD (8' X 125' & 20' X 132'))~~	~~1.00~~	~~EA~~	~~$ 47,002.51~~	~~$ 21,123.29~~	~~$ 68,125.80~~	~~$68,125.80~~
5000 GALLON SEPTIC TANK	(1.00)	LS	$ <7,500.00>	$ <32,500.00>	$ 40,000.00	-$40,000.00
~~LEACHING FIELD (40' X 250')~~	~~(1.00)~~	~~LS~~	~~$ ———~~	~~$ ———~~	~~$ 42,500.00~~	~~-$42,500.00~~
					TOTAL	**$ 142,858.40**

If you have any questions concerning this quotation, Contact: Jose Luis Garcia (956) 529-7140, Email: joseluis@garcia-company.com

THANK YOU FOR YOUR BUSINESS!

2. AI-96525 Requesting approval to process payment for Invoice No. 1176 in the amount of $80,297.18 as submitted by S2 Engineering, PLLC for services rendered for Pct. 1 Hike & Bike Trail ARPA Project # ARPA-21-121-037.

3. AI-96548 Requesting approval to pay Invoice No. 7001 in the amount of $115,231.73 for services rendered in connection with the ARPA Sunrise Hill Park Improvements ARPA Project # ARPA-24-121-362 as submitted by SKO Elite Repair, LLC.

D. Pct. #2:

1. AI-96593 Requesting approval of the solicitation packet for "[ARPA-24-340-352] - Construction Manager at Risk for McAllen Health Center Improvement Project", with authority to advertise and re-advertise if necessary. Subject to legal approval.

2. AI-96560 Requesting approval of Payment Application No. 20 in the amount of $273,412.77 for Pct. 2 Las Milpas Road Project (ARPA-22-122-109) submitted by the contractor, George Olivares, dba Go Underground, LLC (Contract C-22-0094-09-06) and reviewed by the project engineer, Saul R. Munoz, P.E.

E. Pct. #3:

1. AI-96569 Requesting approval of Construction Change Directive No.1 in connection with the "Construction for [ARPA-22-123-075] - Hidalgo County Precinct 3 El Paraiso Community Resource Center & [ARPA-21-340-019] - El Paraiso Health Clinic Improvement Project" (C-23-0277-10-18-10) from contracted vendor, NM Contracting, LLC:

Description	Amount
CPR 002R1 *Generator Substitution	$10,100.00
CPR 003R2 *ASI 1 Changes for Septic Tank	($10,000.00)
Total Amount for Change Directive No.1	$100.00

2. AI-96485 Requesting approval to process the following payment application as submitted by NM Contracting, LLC for construction services in connection with Precinct 3 El Paraiso CRC (ARPA-22-123-075) .

Payment App. No.	Date	PO No.	Amount
6	7-23-2024	875396	$120,932.32

3. AI-96466 Requesting approval to pay invoice for professional services as submitted by Quintanilla, Headley & Associates, Inc. for services in connection with the Precinct 3 El Paraiso Resource Center project (ARPA 22-123-075).

Invoice Date	Invoice No.	Amount
7-15-2024	12118	$4,760.00

4. AI-96450 Requesting approval to pay the following Payment Application No. 003, in the amount of $53,334.85 for the Precinct 3 Park Improvement Project Veterans Memorial Pavilion,

CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

Daniela E. Garza
E-signed 2024-09-18 10:02AM CDT
daniela.garza@co.hidalgo.tx.us

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Construction Change Directive

PROJECT: *(name and address)*
Hidalgo County El Paraiso Health Clinic & Community Resource Center

CONTRACT INFORMATION:
Contract For: General Construction

Date: November 28, 2023

CCD INFORMATION:
Directive Number: 001

Date: August 27, 2024

OWNER: *(name and address)*
County of Hidalgo
100 East Cano, 2nd Floor
Edinburg, Texas 78539

ARCHITECT: *(name and address)*
ERO Architects
P.O. Box 720428
McAllen, Texas 78504

CONTRACTOR: *(name and address)*
NM Contracting, LLC
2022 Orchid Avenue
McAllen, Texas 78504

The Contractor is hereby directed to make the following change(s) in this Contract:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits.)

NM Contracting is to proceed with the following proposals issued in this CCD:

1.) Change Proposal Request 002R1 Generator Substitution. $10,100.00
This proposal excludes the cancellation/restocking fee due to insufficient evidence of purchase.

2.) Change Proposal Request 003R2 ASI 1 Changes for Septic Tank. ($10,000.00)

PROPOSED ADJUSTMENTS

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

- ☐ Lump Sum decrease of $0.00
- ☐ Unit Price of $ per
- ☐ Cost, as defined below, plus the following fee:
  (Insert a definition of, or method for determining, cost)
- ☒ As follows: Not to exceed $100.00

2. The Contract Time is proposed to remain unchanged. The proposed adjustment, if any, is (0 days).

NOTE: The Owner, Architect and Contractor should execute a Change Order to supersede this Construction Change Directive to the extent they agree upon adjustments to the Contract Sum, Contract Time, or Guaranteed Maximum price for the change(s) described herein.

When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.

Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.

ERO Architects	County of Hidalgo	NM Contracting, LLC
ARCHITECT *(Firm name)*	**OWNER** *(Firm name)*	**CONTRACTOR** *(Firm name)*
Octavio Cantu, AIA		Noel Munoz jr (Sep 12, 2024 20:40 CDT)
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Octavio Cantu, AIA, Principal	Richard F. Cortez Hidalgo County Judge	Noel Munoz Jr president
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**

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User Notes:
CAEA No. 1 to C-23-0277-11-28
HC & NM Contracting, LLC

08/28/2024	Sep 18, 2024	Sep 12, 2024
DATE	**DATE**	**DATE**

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User Notes:

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS' COURT ON SEPTEMBER 3, 2024

Agenda Item No. 96569 **Executive Office:** MS

VENDOR:
NM Contracting, LLC

Noel Munoz jr (Sep 12, 2024 20:40 CDT)
Noel Munoz Jr, Owner

COUNTY:
COUNTY OF HIDALGO

Hon. Richard F. Cortez, County Judge

APPROVED AS TO FORM

ATTEST:

COMMISSIONERS COURT Hidalgo County, Texas

Arturo Guajardo, Jr., County Clerk

SUPPLAMENTAL:

Octavio Cantu, AIA, Principal