

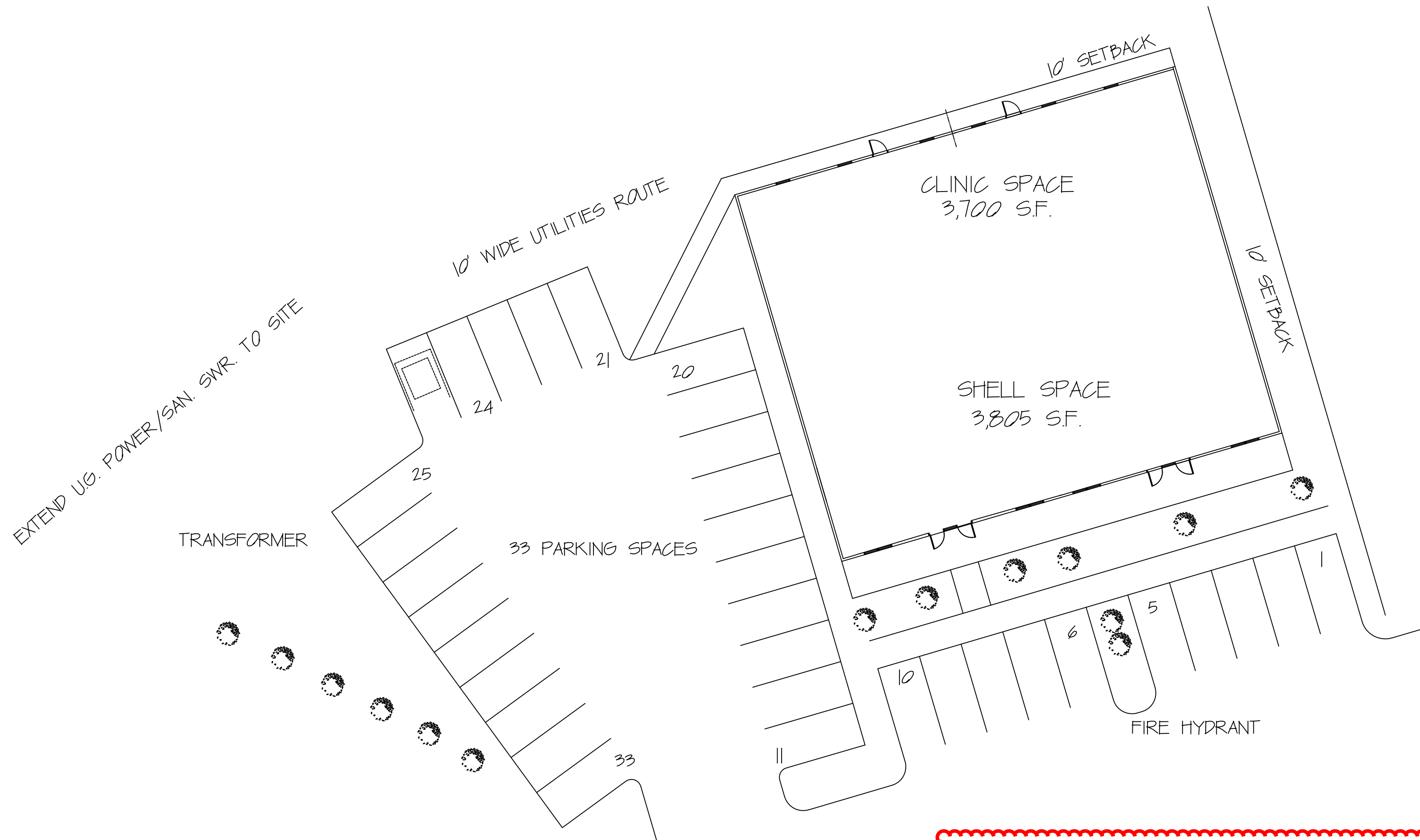
# HUSAYN MEDICAL CLINIC

6214 SARATOGA BLVD.  
CORPUS CHRISTI, TEXAS 78414

LEGAL DESCRIPTION :

SARATOGA SHORES CONDOMINIUMS  
UNIT 2A BLOCK 7  
DOC#2003015468

MAP  
RECORDS OF NUECES COUNTY  
TEXAS



**Approval for shell building only.  
Spaces will require their own  
separate TFO permits.**

LOCATION PLAN  
SCALE: NO SCALE

## PROJECT DATA

APPLICABLE BUILDING CODE: IBC 2015 / NEC 2017

PROJECT DESCRIPTION: 7,505 SQ. FT. BUILDING

A) BUILDING  
SQ. FT. 7,505 SQ. FT. BUILDING  
BUILDING HEIGHT 12 FT.  
NUMBER OF STORIES 1 STORY

B) CONSTRUCTION TYPE: II B

C) OCCUPANCY TYPE: B

### PARKING TABULATION:

-1 PARKING PER 200 GROSS SQ. FT =  
38 PARKING SPACES REQUIRED

## INDEX OF DRAWINGS

- C0 COVER SHEET
- 1. EXISTING TOPOGRAPHY
- 2. EROSION CONTROL PLAN
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- 4. PAVING, GRADING, & DRAINAGE PLAN
- 5. CONCRETE JOINTING PLAN
- 6. SITE LAYOUT PLAN
- 7. DETAILS
- 8. DETAILS
- A1 FLOOR PLAN
- A2 ELEVATIONS
- P1 PLUMBING PLAN
- E1 ELECTRICAL PLAN
- S1 FOUNDATION PLAN
- S2 FOUNDATION DETAILS

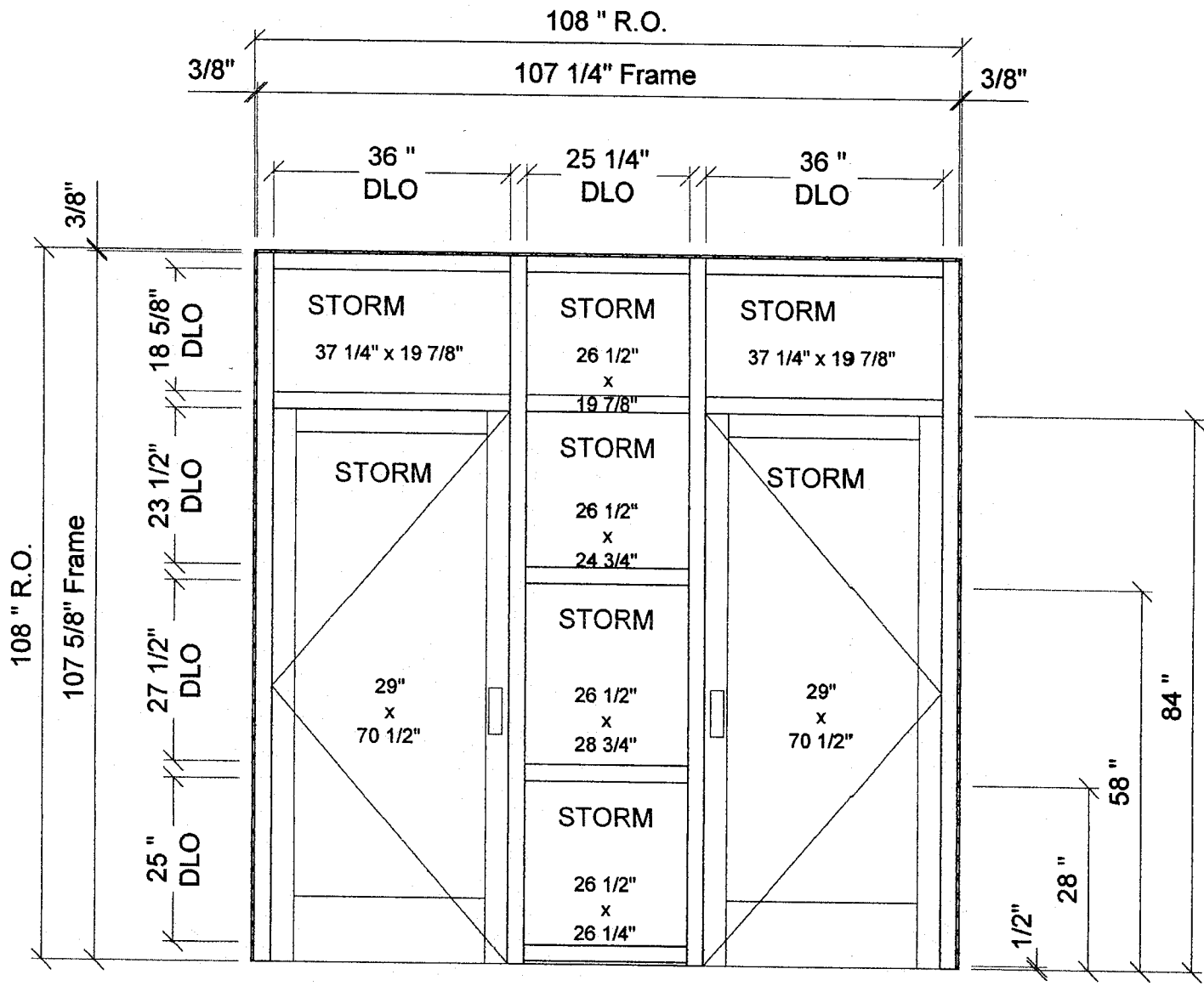
These Drawings and Accompanying Documents are to be an instrument of service and shall remain the property of Western Steel Company. They are not to be used on other projects or extensions to this project except by written agreement and with appropriate compensation to Western Steel Company.

Copyright 2023 - Western Steel Company

Development Services  
Reviewed for Code Compliance

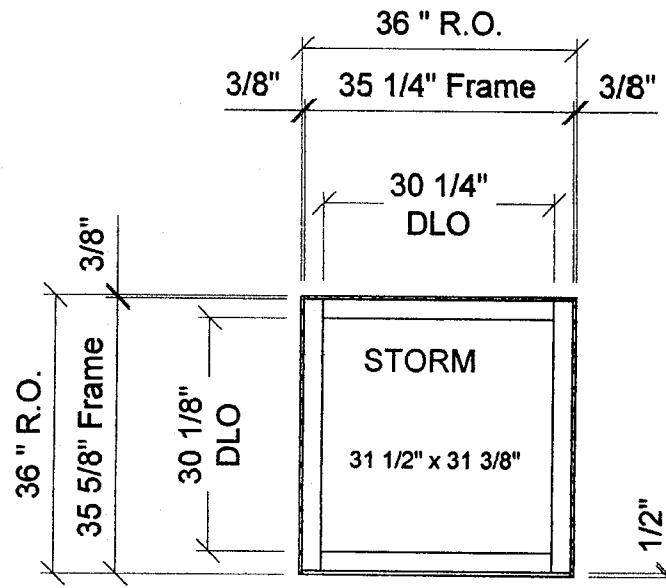
WESTERN STEEL COMPANY P.O. BOX 9275 CORPUS CHRISTI, TEXAS 78469 (361) 884-8801		HUSAYN MEDICAL CLINIC 6214 SARATOGA BLVD. CORPUS CHRISTI, TX 78414	
REV. NO.	DATE	DESCRIPTION	DATE ISSUED
X	X	X	
SCALE	CHK'D BY	JOB NO.	

9-18-23



DR. HUSAYN MEDICAL CLINIC - 2 - 002 - ELV.B (2 Thus)  
 Frame: (C1/DB/1P) E34000 : Storefront : 2-1/2 x 5 : ForceFront Storm : Non-Thermal : Screw  
 Spline : Wet Glazed : 1-5/16 in. Glazing

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 9-18-23

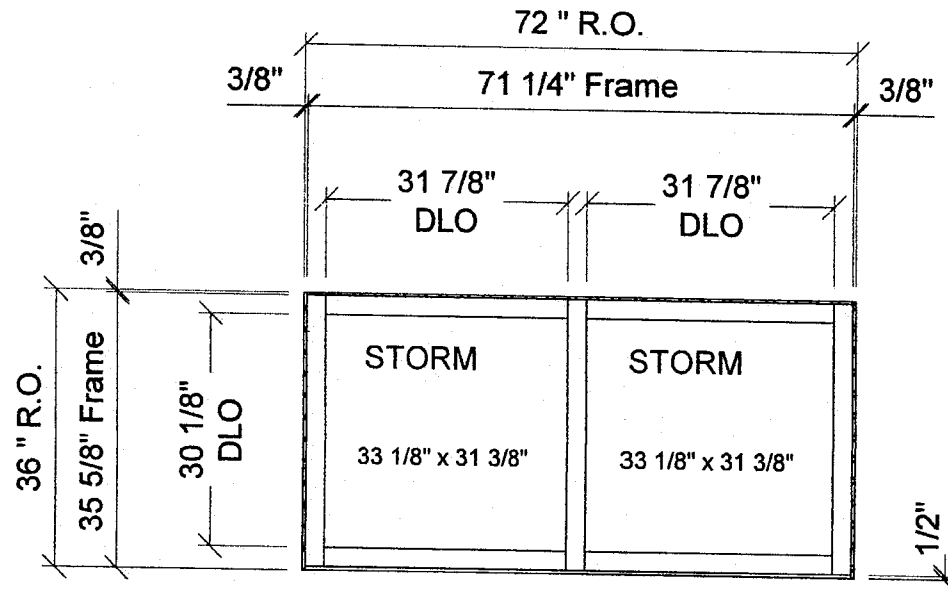


DR. HUSAYN MEDICAL CLINIC - 4 - 003 - ELV. D (6  
Thus)

Frame: (C1/DB/1P) E34000 : Storefront : 2-1/2 x 5 :

ForceFront Storm : Non-Thermal : Screw Spline :

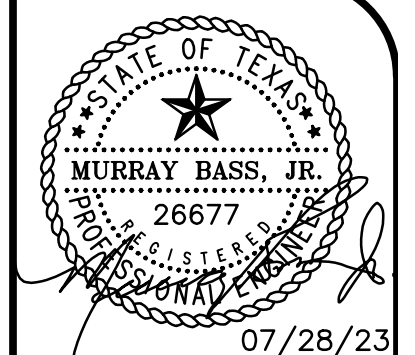
Wet Glazed : 1-5/16 in. Glazing



DR. HUSAYN MEDICAL CLINIC - 1 - 001 - ELV. A (4 Thus)  
 Frame: (C1/DB/1P) E34000 : Storefront : 2-1/2 x 5 : ForceFront  
 Storm : Non-Thermal : Screw Spline : Wet Glazed : 1-5/16 in.  
 Glazing

Development Services  
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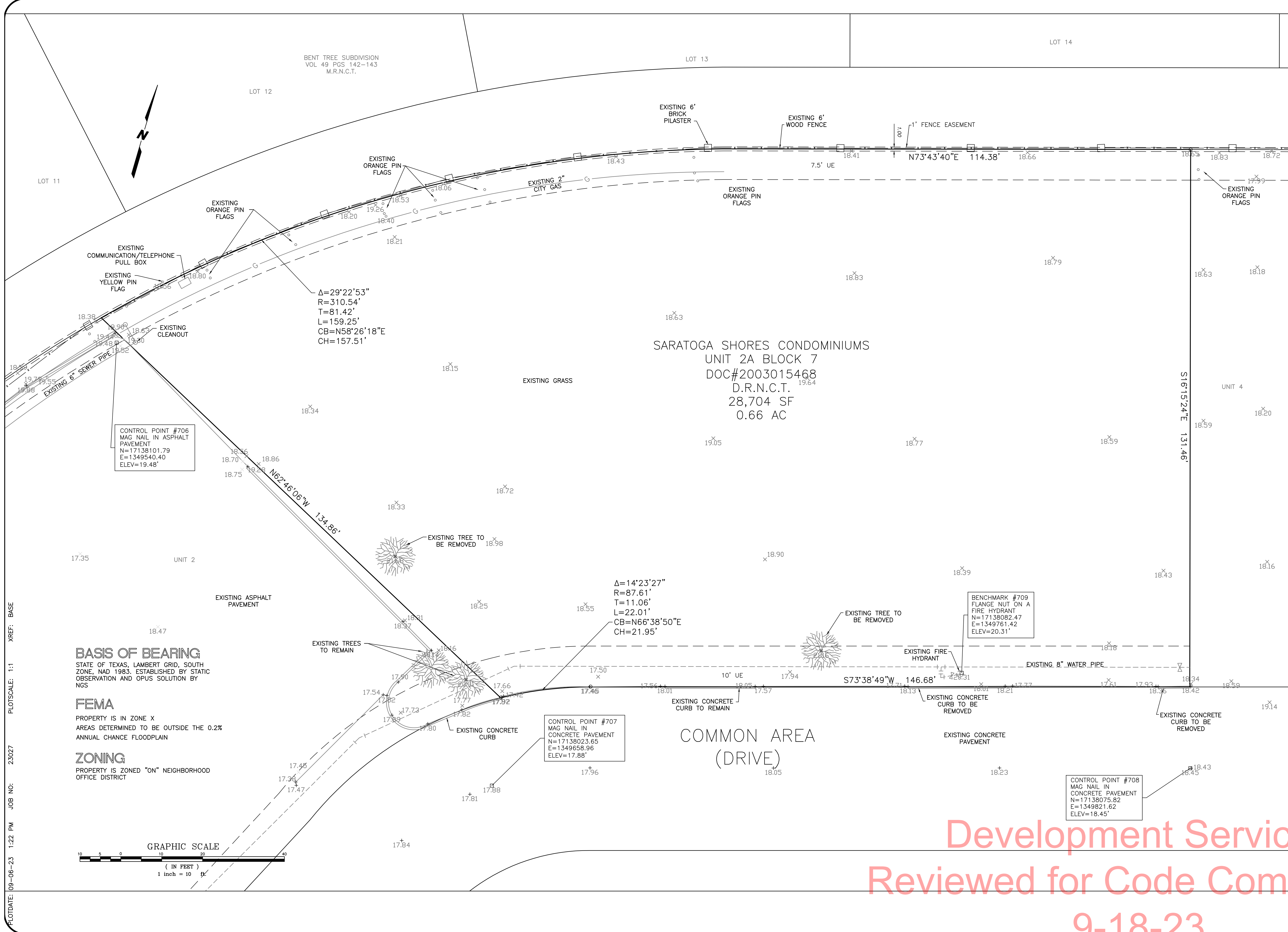


**BASS & WELSH ENGINEERING**  
 CONSULTING ENGINEERS AND SURVEYORS  
 3054 SOUTH ALAMEDA STREET 78404  
 P.O. BOX 6397 78466-6397  
 TELEPHONE: (361) 882-5521  
 FACSIMILE: (361) 882-1265  
 ENGINEERING FIRM REGISTRATION NO. F-52  
 SURVEYING FIRM REGISTRATION NO. 100027-00  
 CORPUS CHRISTI, TEXAS

**EXISTING TOPOGRAPHY**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

DATE: 7/11/23  
 SCALE: 1"=10'  
 JOB NO.: 23027  
 DESIGN BY: MB Jr  
 DRAWN BY: JC  
 SURVEYED BY: JS  
 COMP. FILE: TOPO  
 FIELD BK. NO.:

SHEET NO. **1**  
 OF 8 SHEETS

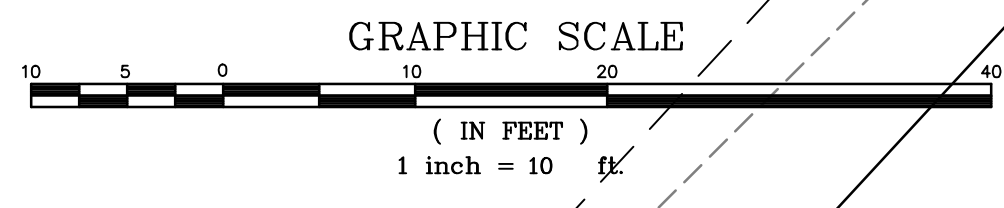


PLOT DATE: 09-08-23 1:22 PM JOB NO: 23027 PLOT SCALE: 1:1 XREF: BASE

**BASIS OF BEARING**  
 STATE OF TEXAS, LAMBERT GRID, SOUTH ZONE, NAD 1983, ESTABLISHED BY STATIC OBSERVATION AND OPUS SOLUTION BY NGS

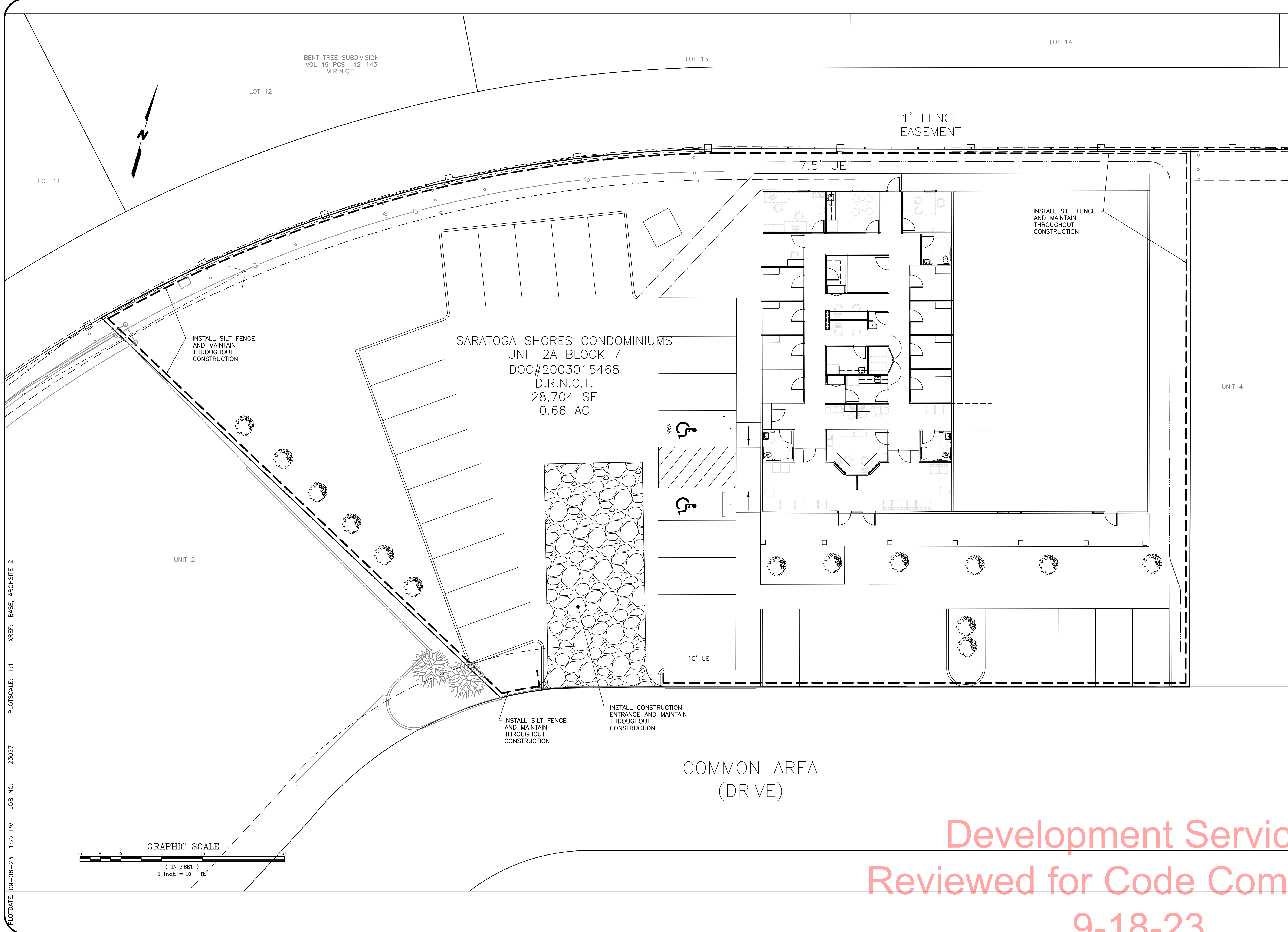
**FEMA**  
 PROPERTY IS IN ZONE X  
 AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN

**ZONING**  
 PROPERTY IS ZONED "ON" NEIGHBORHOOD OFFICE DISTRICT

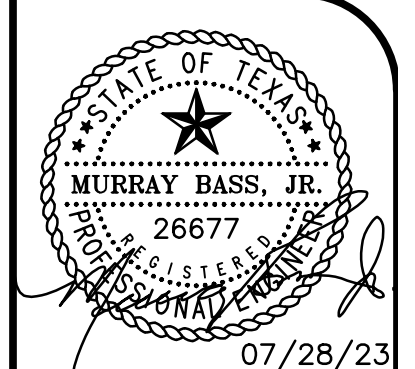
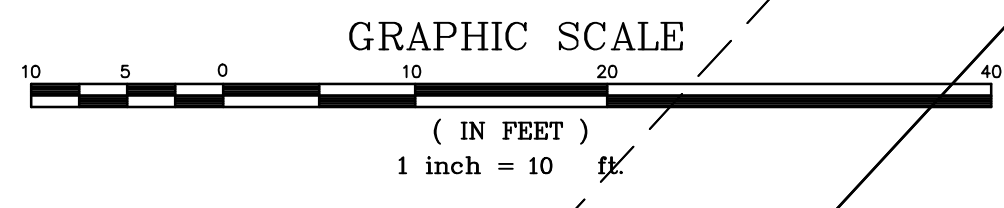


Development Services  
 Reviewed for Code Compliance  
 9-18-23





PLOTDATE: 09-06-23 1:22 PM JOB NO: 23027 PLOTS/SCALE: 1:1 XREF: BASE, ARCHISTE 2



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 ENGINEERING FIRM REGISTRATION NO. F-52  
 SURVEYING FIRM REGISTRATION NO. 100027-00  
 CORPUS CHRISTI, TEXAS

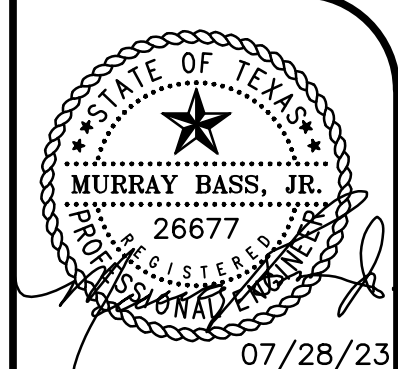
**EROSION CONTROL PLAN**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

DATE: 7/11/23  
 SCALE: 1"=10'  
 JOB NO.: 23027  
 DESIGN BY: MB Jr  
 DRAWN BY: JC  
 SURVEYED BY: JS  
 COMP. FILE: EC  
 FIELD BK. NO.:

SHEET NO. **2**  
 OF 8 SHEETS

Development Services  
 Reviewed for Code Compliance  
 9-18-23

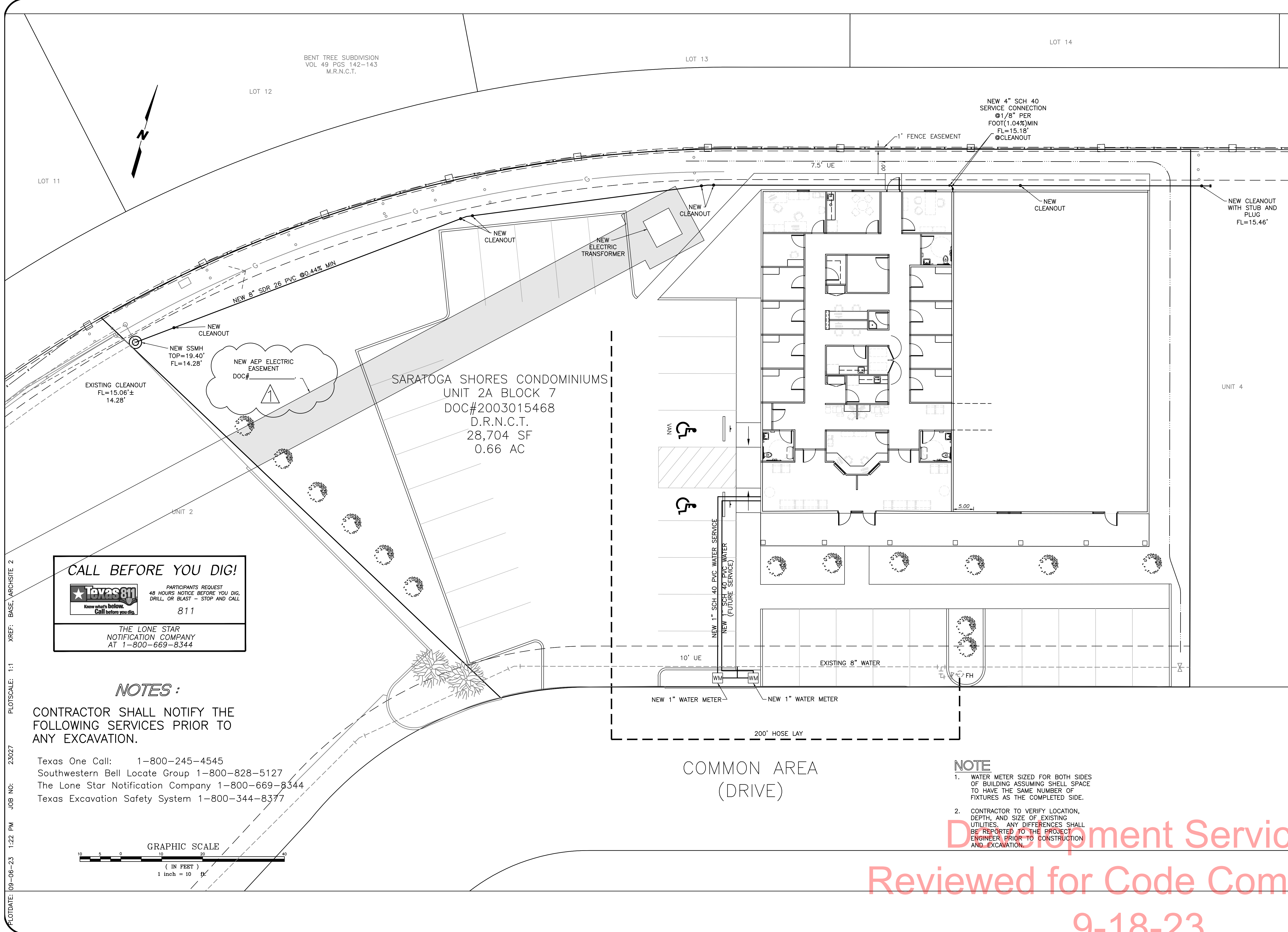




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 ENGINEERING FIRM REGISTRATION NO. F-52  
 SURVEYING FIRM REGISTRATION NO. 100027-00  
 CORPUS CHRISTI, TEXAS

**UTILITY PLAN**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

DATE: 7/11/23  
 SCALE: 1"=10'  
 JOB NO.: 23027  
 DESIGN BY: MB Jr  
 DRAWN BY: JC  
 SURVEYED BY: JS  
 COMP. FILE: UTILITY  
 FIELD BK. NO.:  
 SHEET NO. **3**  
 OF 8 SHEETS



**CALL BEFORE YOU DIG!**

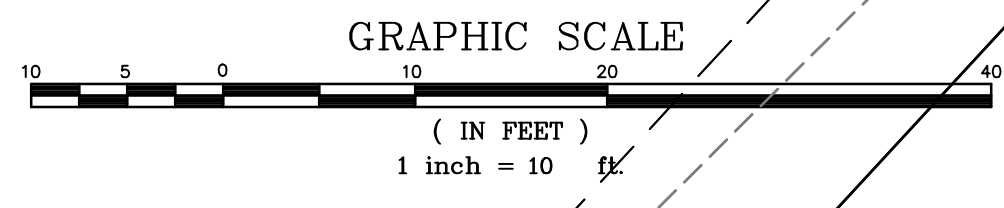
PARTICIPANTS REQUEST  
 48 HOURS NOTICE BEFORE YOU DIG,  
 DRILL, OR BLAST - STOP AND CALL  
 811

THE LONE STAR  
 NOTIFICATION COMPANY  
 AT 1-800-669-8344

**NOTES:**

CONTRACTOR SHALL NOTIFY THE FOLLOWING SERVICES PRIOR TO ANY EXCAVATION.

Texas One Call: 1-800-245-4545  
 Southwestern Bell Locate Group 1-800-828-5127  
 The Lone Star Notification Company 1-800-669-8344  
 Texas Excavation Safety System 1-800-344-8377



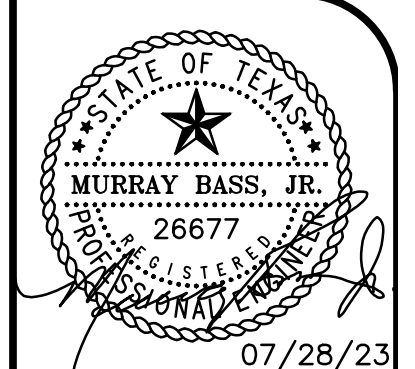
**NOTE**

1. WATER METER SIZED FOR BOTH SIDES OF BUILDING ASSUMING SHELL SPACE TO HAVE THE SAME NUMBER OF FIXTURES AS THE COMPLETED SIDE.
2. CONTRACTOR TO VERIFY LOCATION, DEPTH, AND SIZE OF EXISTING UTILITIES. ANY DIFFERENCES SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO CONSTRUCTION AND EXCAVATION.

Development Services  
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 9-18-23

PLOTDATE: 09-06-23 1:22 PM JOB NO: 23027 PLOTSCALE: 1:1 XREF: BASE, ARCHISTE 2

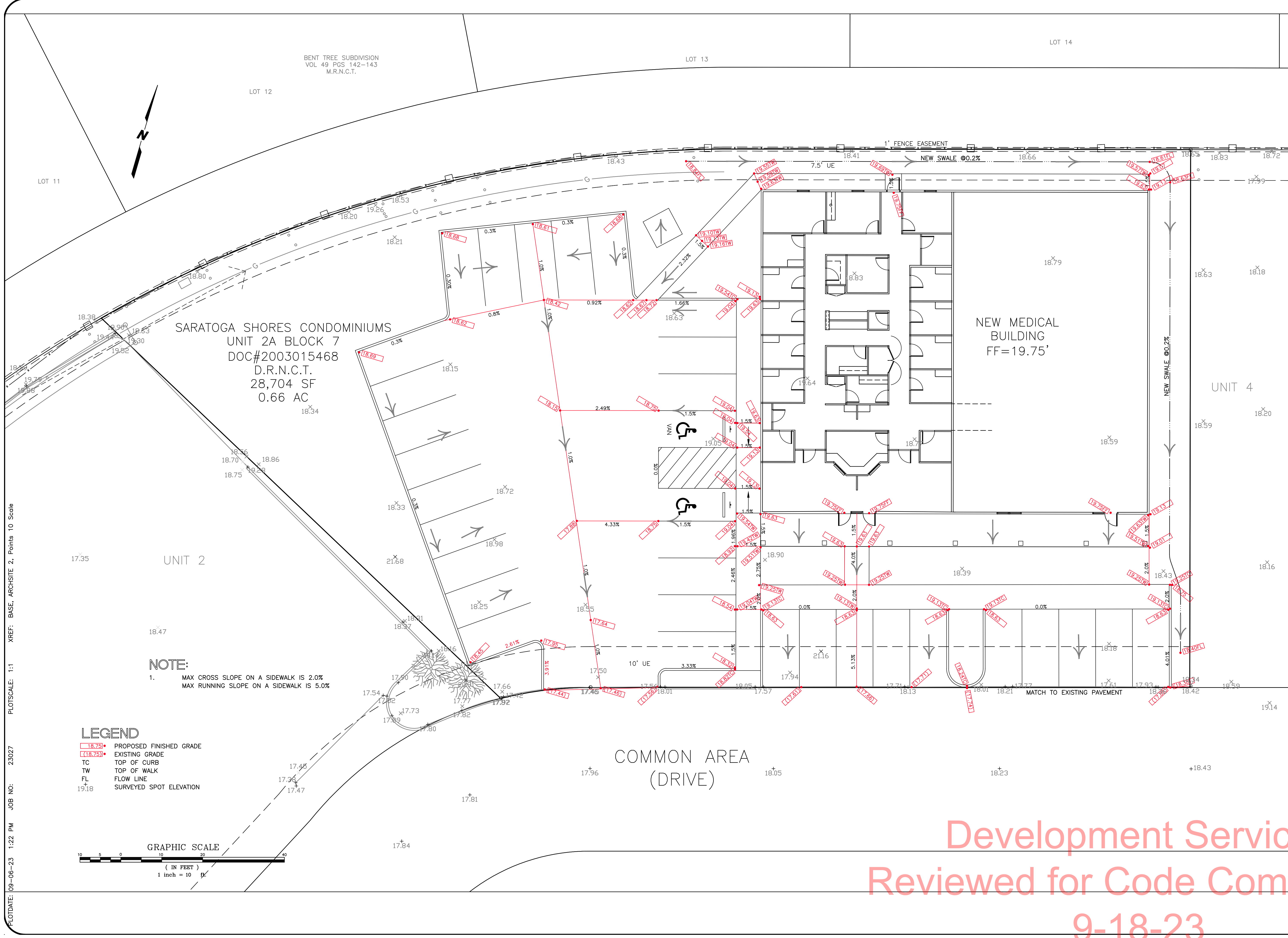




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 CORPUS CHRISTI, TEXAS

**PAVING, GRADING & DRAINAGE**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

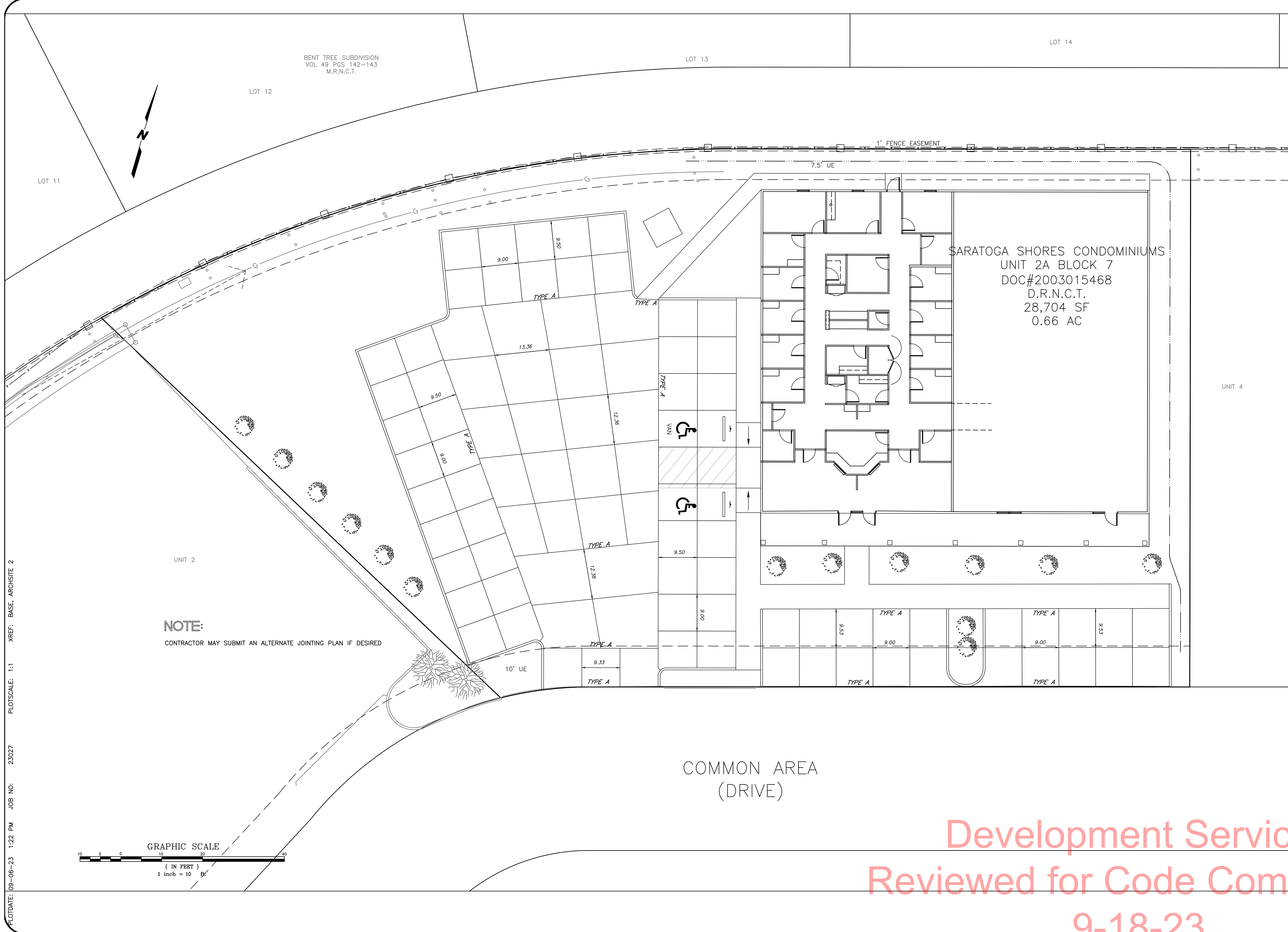
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 DRAWN BY: JC  
 SURVEYED BY: JS  
 COMP. FILE: PGD2  
 FIELD BK. NO.:  
 SHEET NO.



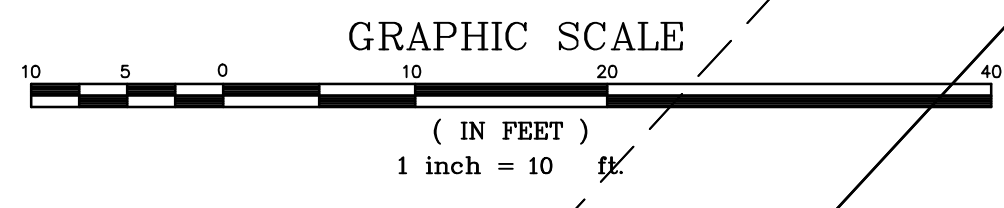
Development Services  
 Reviewed for Code Compliance  
 9-18-23

PLOTDATE: 09-06-23 1:22 PM JOB NO: 23027 XREF: BASE, ARCHISTE 2, Points 10 Scale





**NOTE:**  
CONTRACTOR MAY SUBMIT AN ALTERNATE JOINTING PLAN IF DESIRED



PLOTDATE: 09-06-23 1:22 PM JOB NO: 23027 PLOTSCALE: 1:1 XREF: BASE, ARCHISTE 2

BENT TREE SUBDIVISION  
VOL 49 PGS 142-143  
M.R.N.C.T.

LOT 13

LOT 14

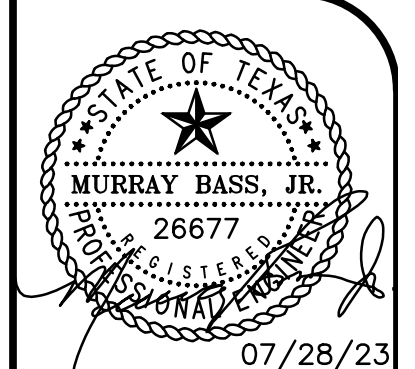
LOT 12

LOT 11

SARATOGA SHORES CONDOMINIUMS  
UNIT 2A BLOCK 7  
DOC#2003015468  
D.R.N.C.T.  
28,704 SF  
0.66 AC

UNIT 4

COMMON AREA  
(DRIVE)



**BASS & WELSH ENGINEERING**  
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3054 SOUTH ALAMEDA STREET 78404  
P.O. BOX 6397 78466-6397  
TELEPHONE: (361) 882-5521  
FACSIMILE: (361) 882-1265  
ENGINEERING FIRM REGISTRATION NO. F-52  
SURVEYING FIRM REGISTRATION NO. 100027-00  
CORPUS CHRISTI, TEXAS

**CONCRETE JOINTING PLAN**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

DATE: 7/11/23  
SCALE: 1"=10'  
JOB NO.: 23027  
DESIGN BY: MB Jr  
DRAWN BY: JC  
SURVEYED BY: JS  
COMP. FILE: JOINTING  
FIELD BK. NO:  
SHEET NO.

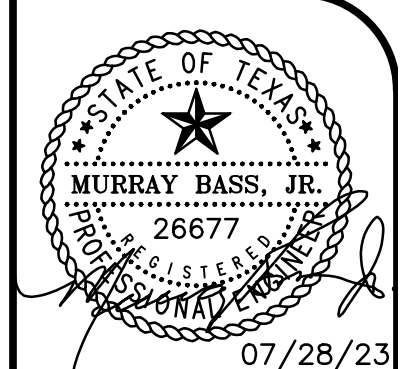
Development Services

Reviewed for Code Compliance

5

9-18-23

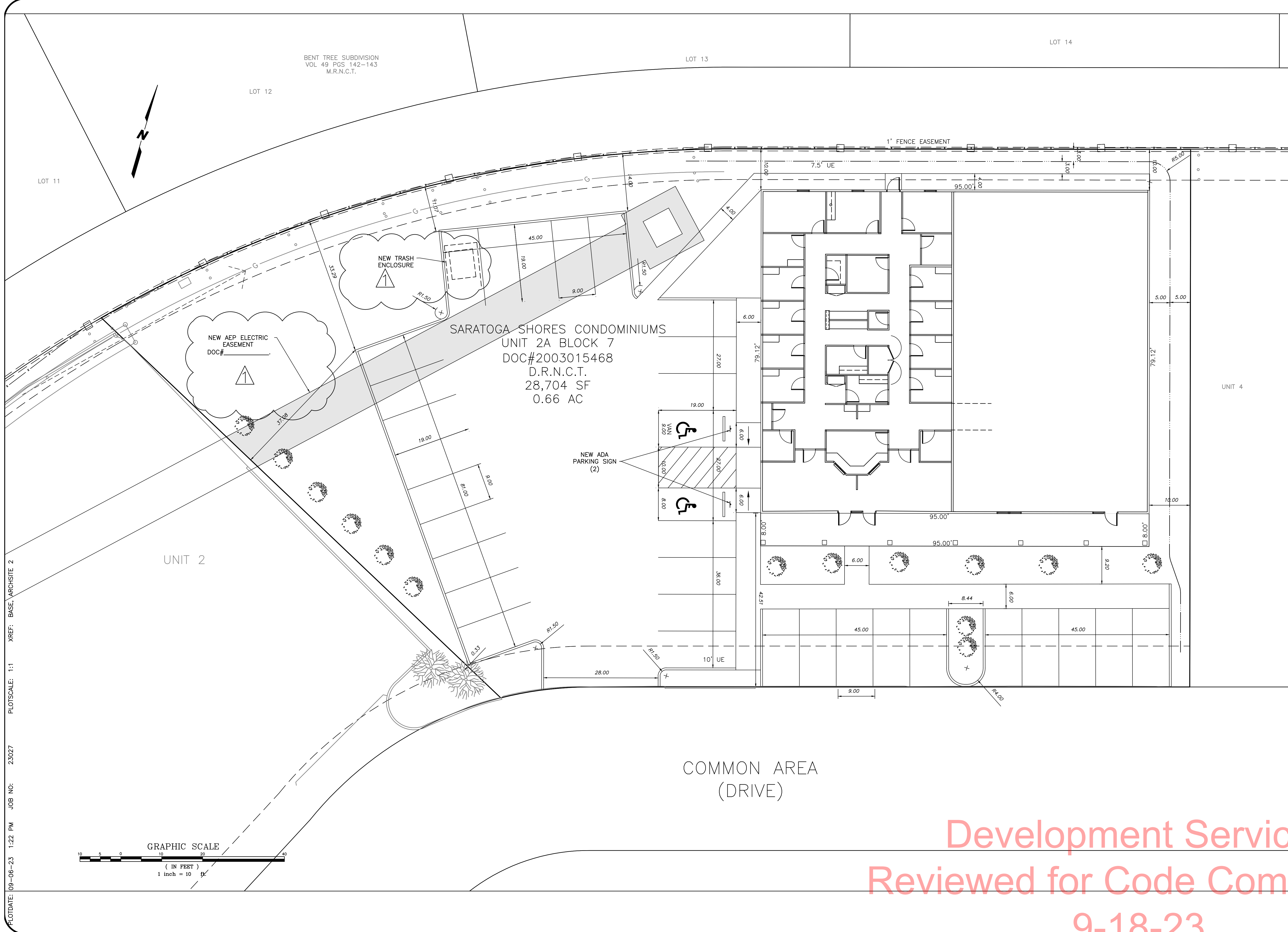
OF 8 SHEETS



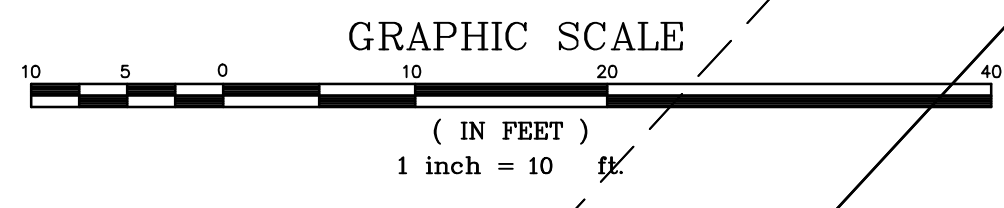
**BASS & WELSH ENGINEERING**  
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 3054 SOUTH ALAMEDA STREET 78404  
 P.O. BOX 6397 78466-6397  
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 SURVEYING FIRM REGISTRATION NO. 100027-00  
 CORPUS CHRISTI, TEXAS

**SITE LAYOUT**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

DATE: 7/11/23  
 SCALE: 1"=10'  
 JOB NO.: 23027  
 DESIGN BY: MB Jr  
 DRAWN BY: JC  
 SURVEYED BY: JS  
 COMP. FILE: LAYOUT  
 FIELD BK. NO.:  
**SHEET NO. 6**  
 OF 8 SHEETS



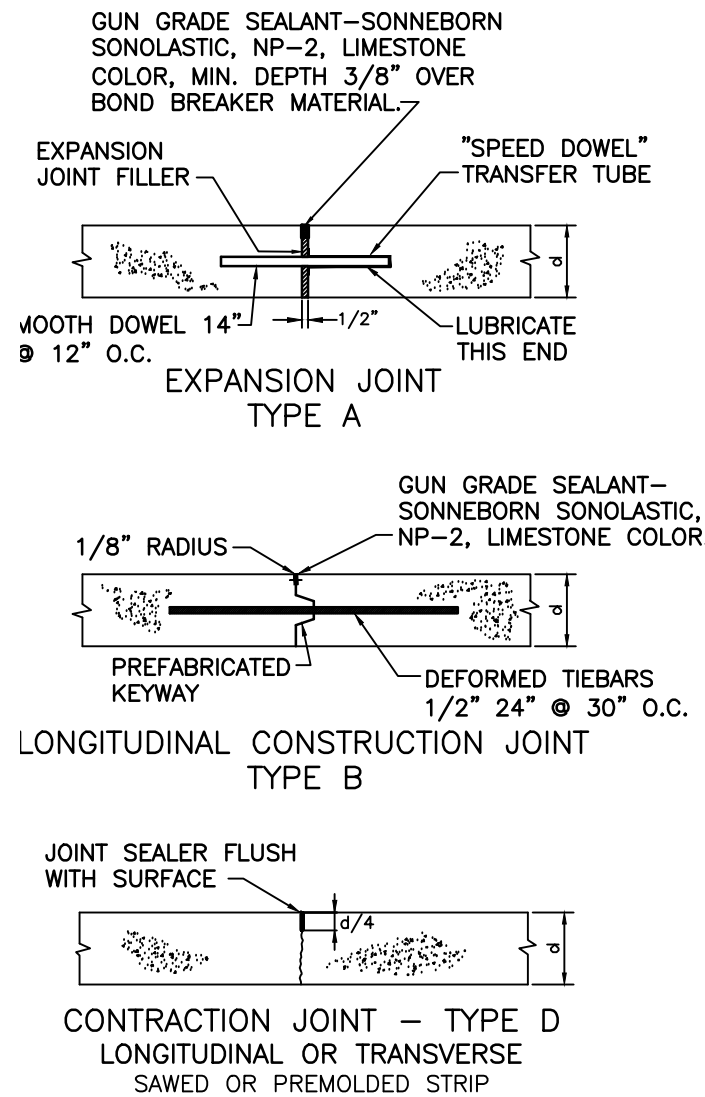
PLOTDATE: 09-06-23 1:22 PM JOB NO: 23027 PLOTSCALE: 1:1 XREF: BASE, ARCHISTE 2



Development Services  
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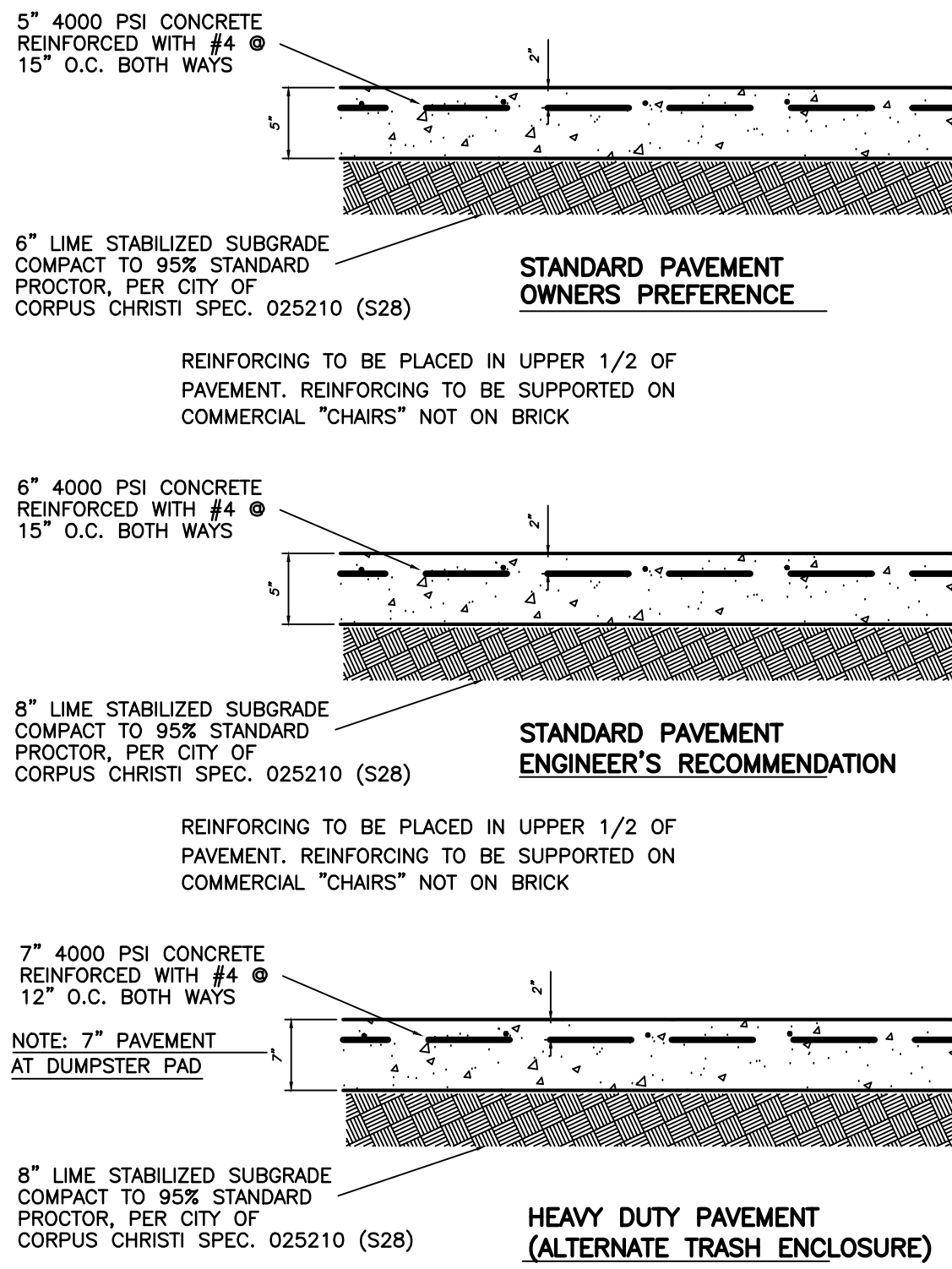
**CONCRETE JOINTS**



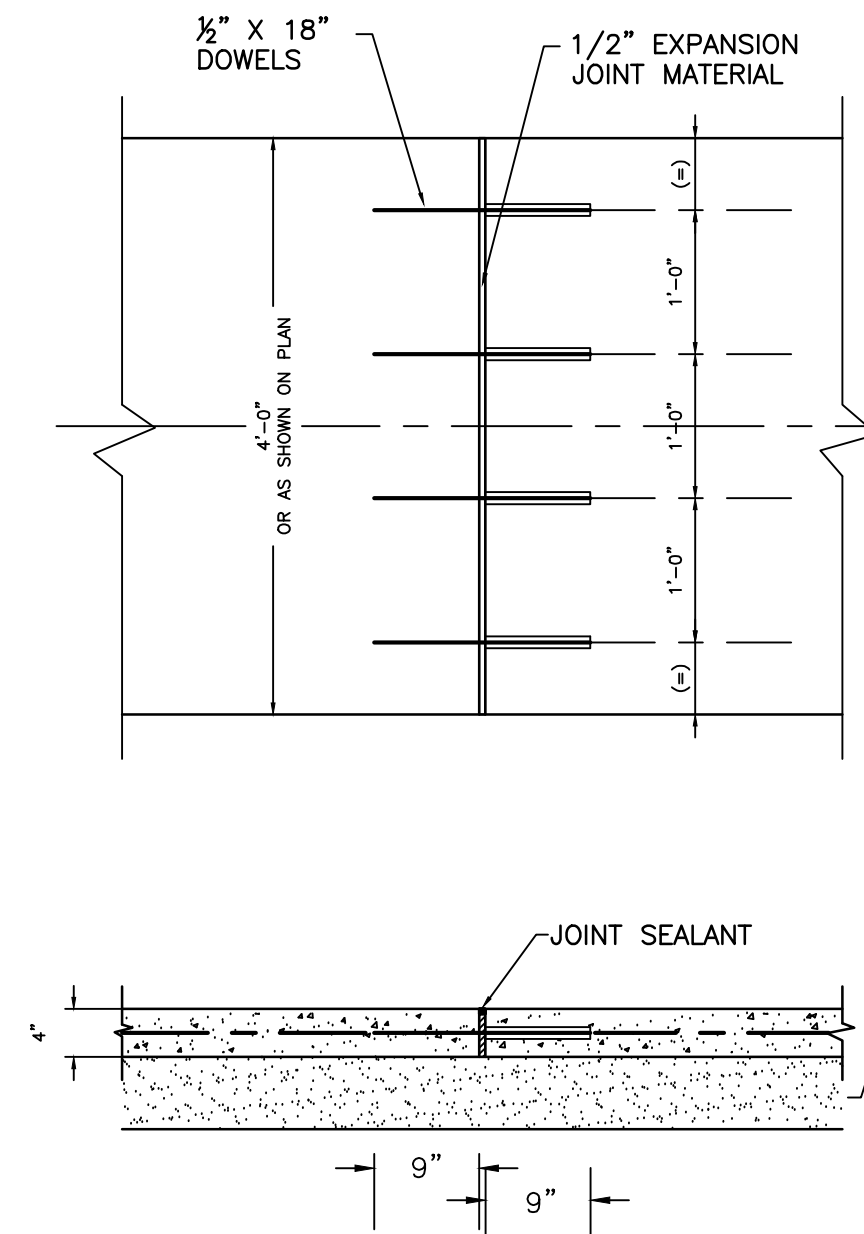
1. EXPANSION JOINTS (TYPE A) TO BE LOCATED AS SHOWN. LONGITUDINAL JOINTS (TYPE B) SHALL BE USED TO DELINEATE A DAYS' PLACEMENT OF PAVEMENT. ALL OTHER JOINTS SHALL BE (TYPE D).
2. CONTRACTOR SHALL SUBMIT PROPOSED PAVEMENT CONSTRUCTION SCENARIO FOR APPROVAL.
3. CONTRACTOR TO BRING SUBGRADE TO ELEVATION DENSITY AND MOISTURE CONTENT, AND MAINTAIN UNTIL CONCRETE IS PLACED.
4. SAWING OF (TYPE D) JOINTS SHALL COMMENCE WITHIN (6) HOURS OF PLACEMENT OF CONCRETE AND CONTINUE, UNINTERRUPTED, UNTIL COMPLETE.
5. (TYPE A) JOINTS TO BE PLACED AROUND ALL ISLANDS AND ADJACENT TO ALL BUILDINGS.
6. ALL REINFORCING SHALL BE MINIMUM GRADE 60, F<sub>y</sub>=60,000 PSI.
7. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH 28 DAYS OF 3500 PSI.

**PAVEMENT AND SIDEWALK**

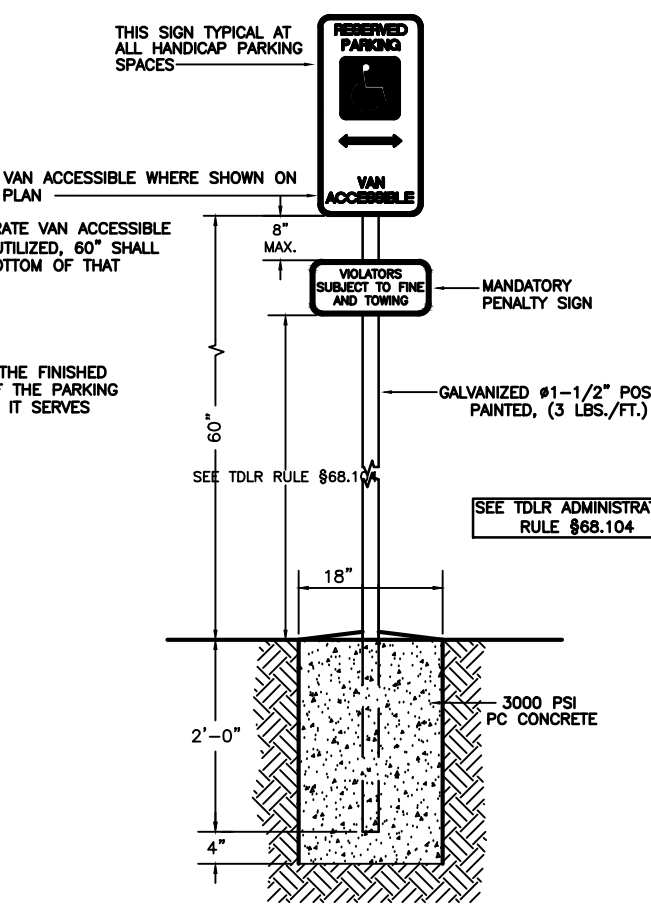
SCALE: 3/4"=1'



**CONCRETE SIDEWALK**

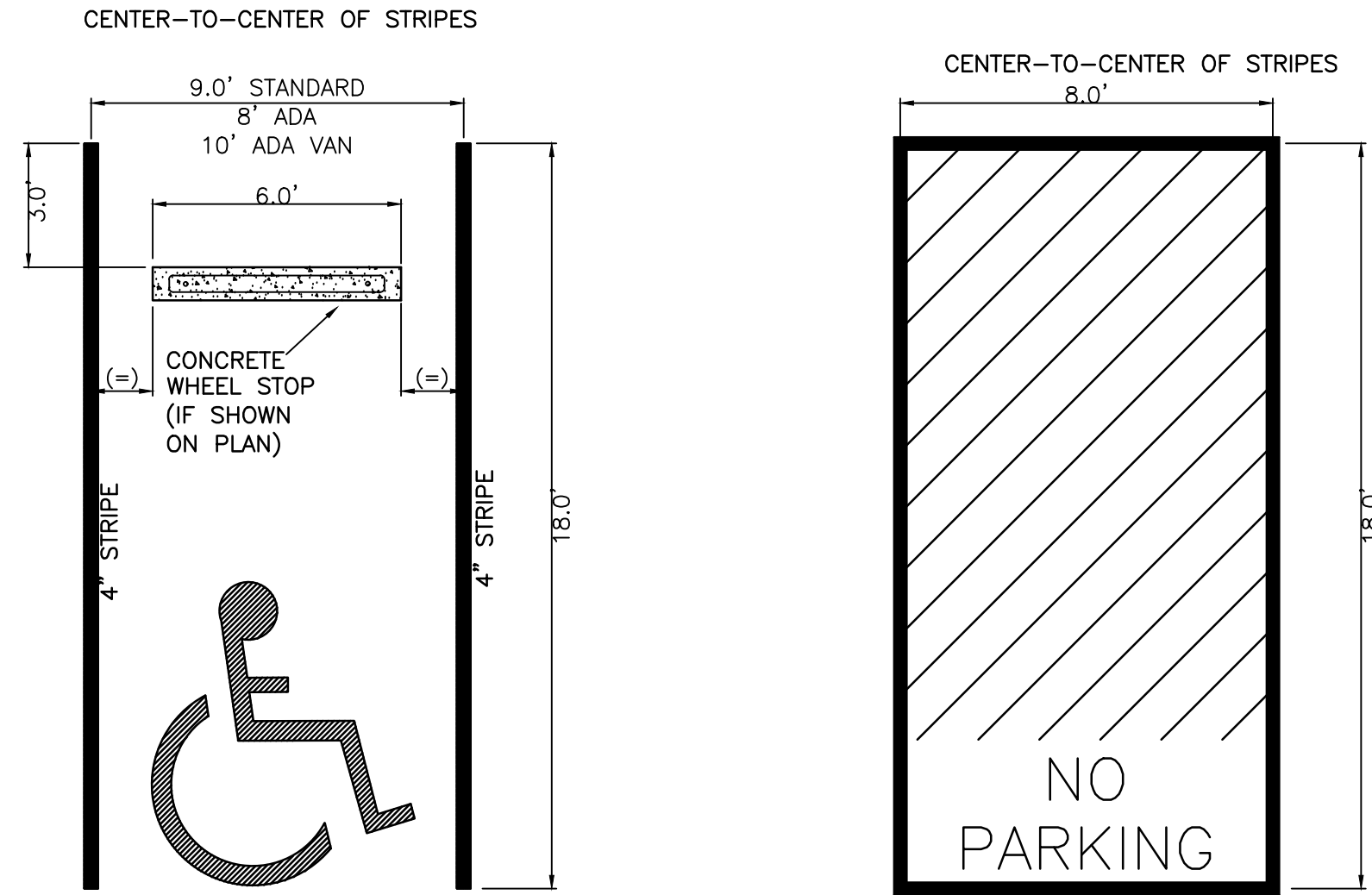


1. EXPANSION JOINTS SHALL BE MAXIMUM 40' ON CENTER AND COMPOSED OF "GREENSTREAK" #610 PAVING CAP SEAL OVER 3/4" PRESERVATIVE TREATED PINE EXPANSION BOARD.
2. CURB AND GUTTER SHALL HAVE ONE, 1/2" X 3'-0" DOWEL PER REINFORCING ROD AT EACH EXPANSION JOINT. DIP 9° OF ROD IN ASPHALT AND WRAP.
3. SIDEWALK SHALL HAVE THREE 1/2" X 18" DOWELS AT EACH EXPANSION JOINT. DIP 9° OF ROD IN ASPHALT AND WRAP.
4. SIDEWALK REINFORCING SHALL BE #3 @ 15" O.C. BOTH DIRECTIONS & WITH MINIMUM 6" LAP AT SPLICES.
5. CURB & GUTTER REINFORCING AS SHOWN.
6. CURB & GUTTER TRANSVERSE MARKING, 1/8" X 1" DEEP AT MAXIMUM OF 10' ON CENTER.
7. SIDEWALK TRANSVERSE MARKING 1/2" DEEP AT SPACING EQUAL TO SIDEWALK WIDTH.
8. ALL CONCRETE SHALL BE CLASS A, 3000 P.S.I.
9. MORTAR TOPPING SHALL CONSIST OF ONE PART PORTLAND CEMENT TO TWO PARTS SAND AND HAVE A BRUSH FINISH TO REMOVE TROWEL MARKS.
10. STEEL SHALL BE MIN. GRADE 60, F<sub>y</sub>=60,000 P.S.I.
11. COMPACT SUBGRADE TO 95% STD PROCTOR. BRING TO GRADE. DO NOT USE "CUSHION SAND".
12. SIDEWALK SHALL HAVE A MAX CROSS SLOPE OF 2% AND A MAX RUNNING SLOPE OF 5%



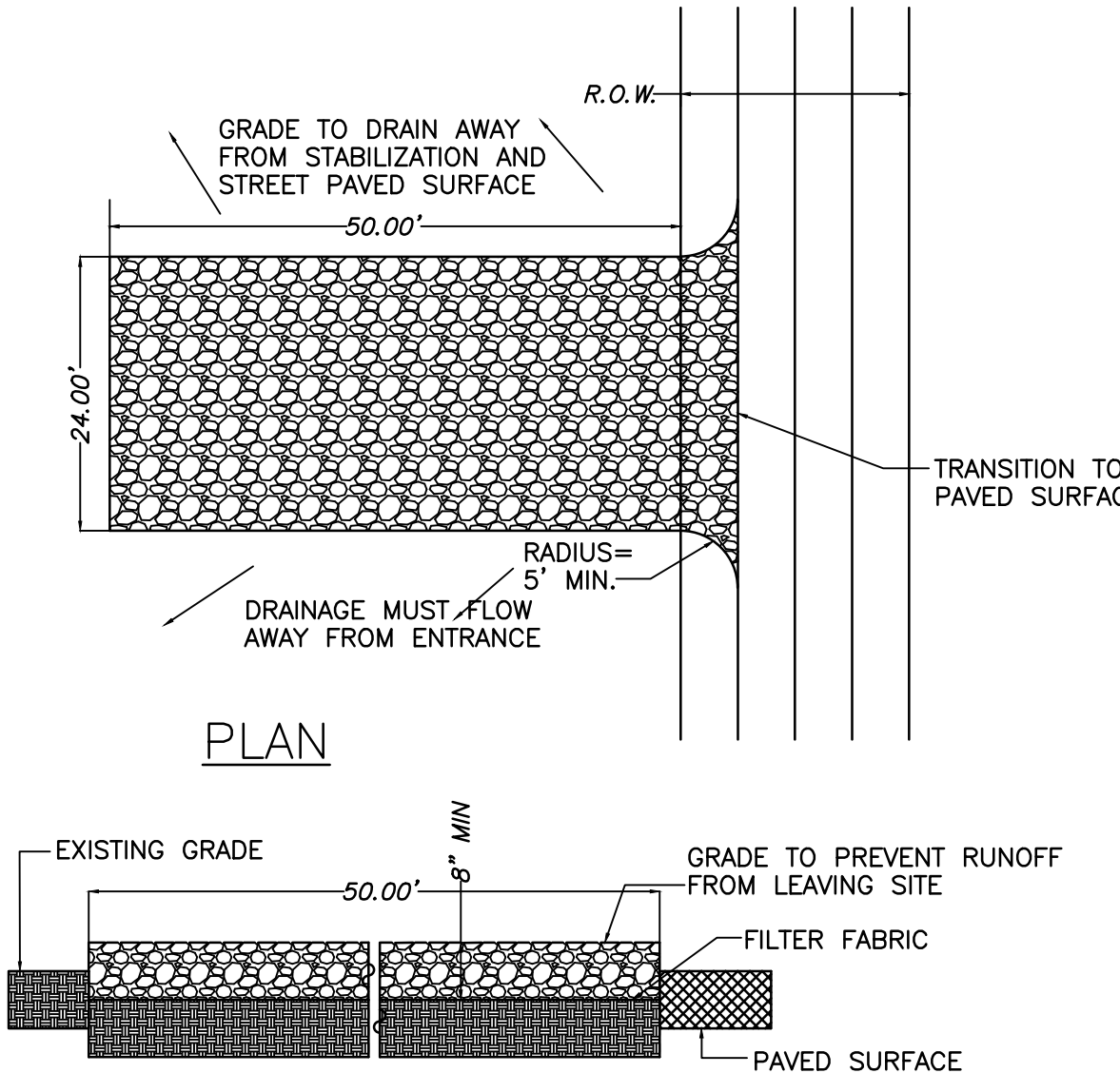
**ADA PARKING SIGN**

SCALE: 1/2"=1'



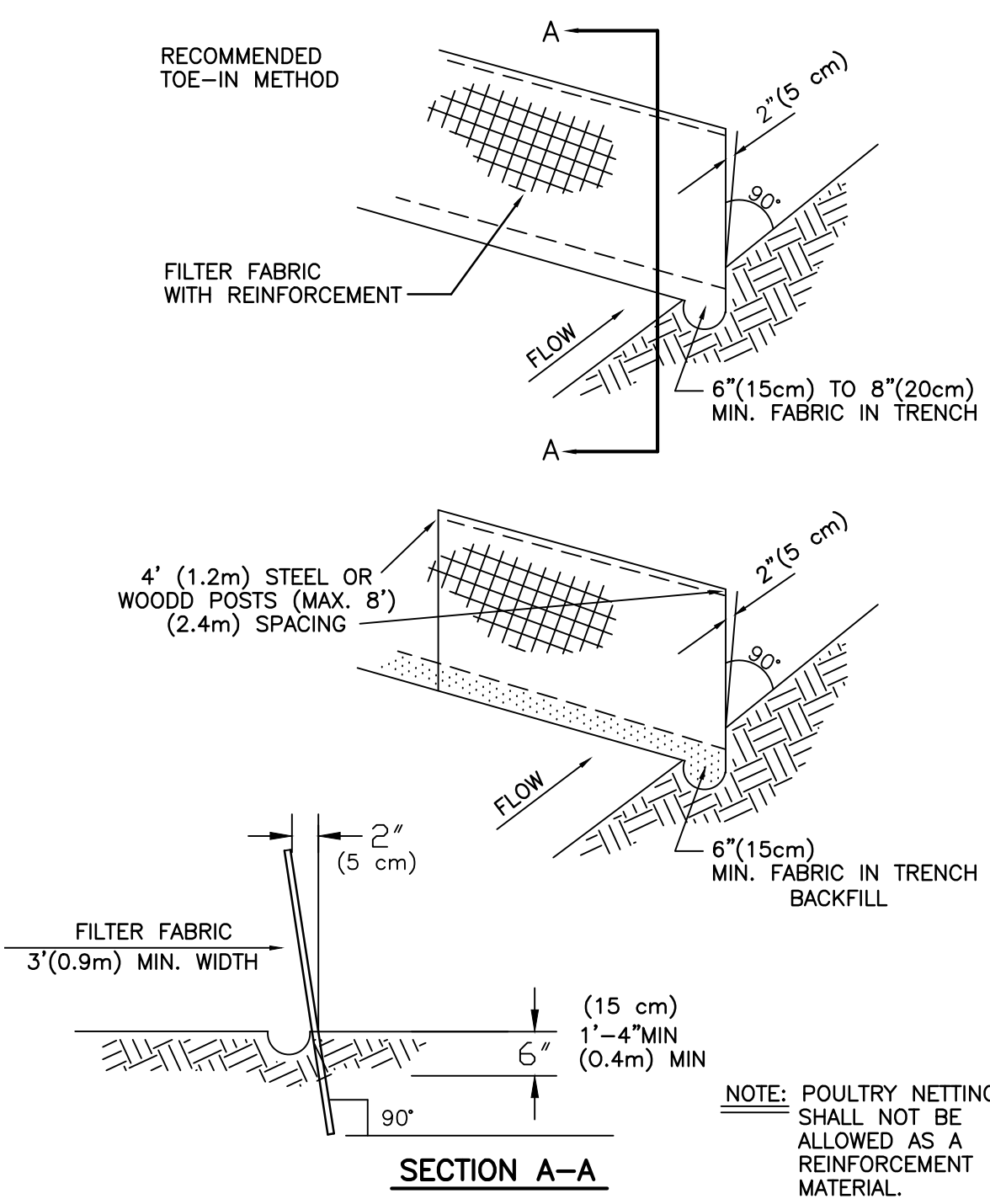
**PARKING STRIPPING**

SCALE: 1/4"=1'



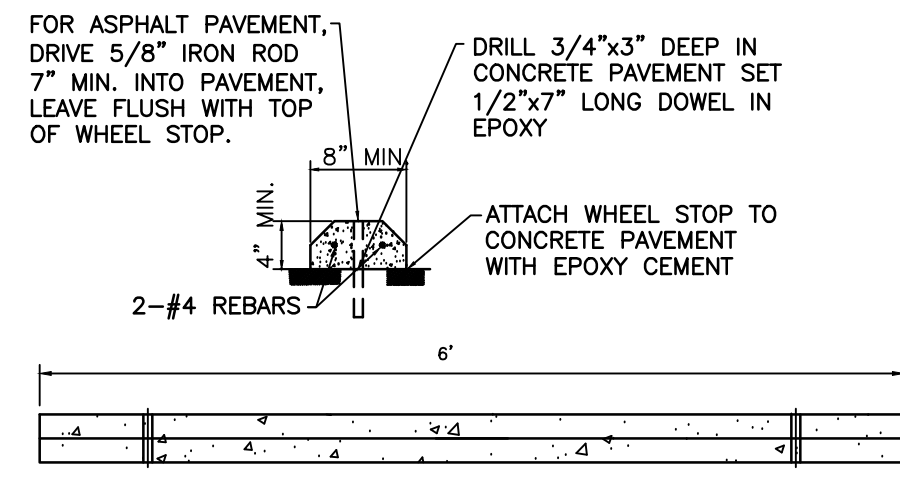
**CONSTRUCTION ENTRANCE**

SCALE: 3/4"=1'



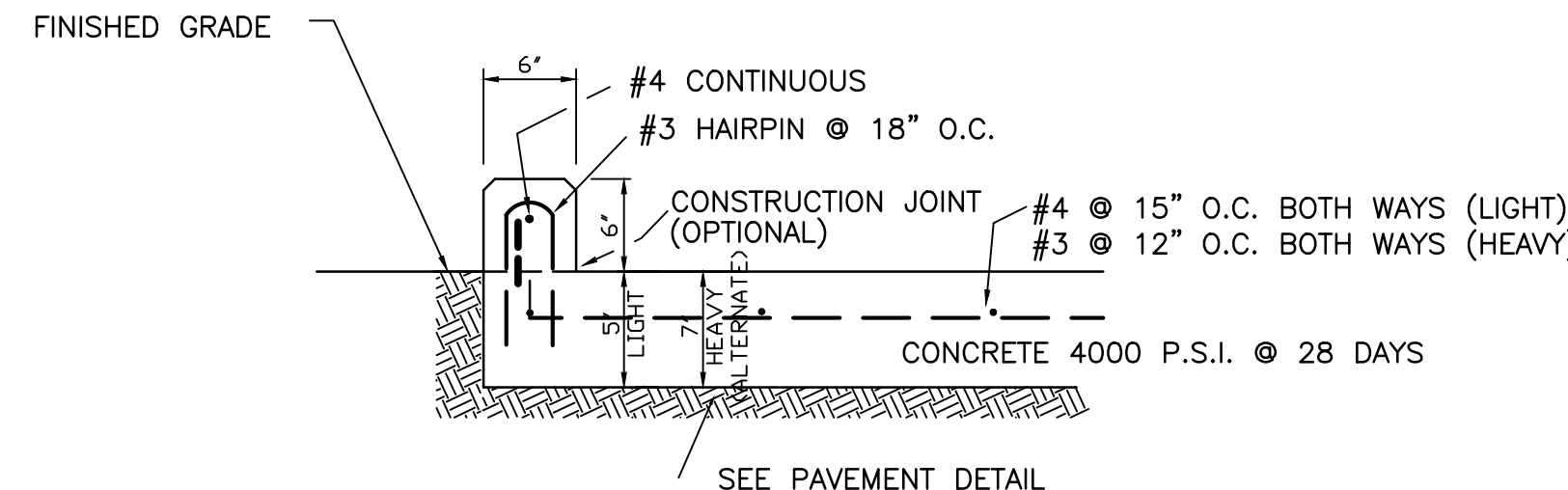
**SILT FENCE**

SCALE: 3/4"=1'



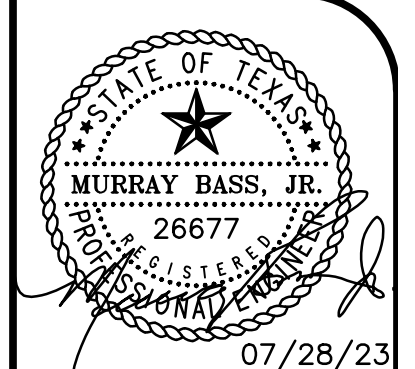
**WHEEL STOP**

SCALE: 3/4"=1'



**STANDARD CONCRETE CURB**

SCALE: 1"=1'



**BASS & WELSH ENGINEERING**  
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 FACSIMILE: (361) 882-1265  
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 SURVEYING FIRM REGISTRATION NO. 100027-00  
 CORPUS CHRISTI, TEXAS

**DETAILS**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

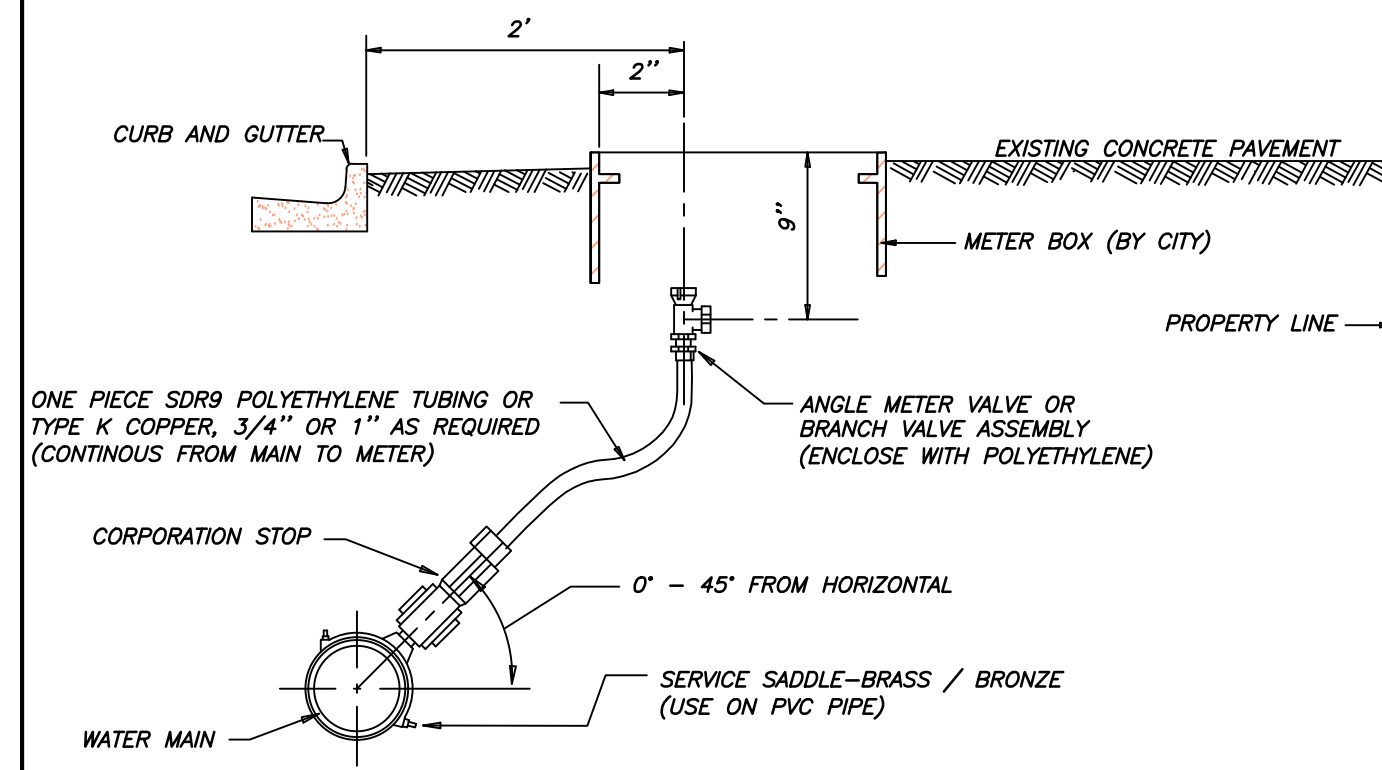
DATE: 7/11/23  
 SCALE: As shown  
 JOB NO.: 23027  
 DESIGN BY: MB Jr  
 DRAWN BY: JC  
 SURVEYED BY: JS  
 COMP. FILE: DETAILS  
 FIELD BK. NO.:  
**SHEET NO.**

Development Services  
 Reviewed for Code Compliance  
 9-18-23  
 7  
 OF 8 SHEETS

PLOTSCALE: 1:1 XREF: NONE PLOTDATE: 09-06-23 1:22 PM JOB NO: 23027



**SERVICE LINE MATERIALS**



**SERVICE CLAMPS**  
FOR 3/4", 1", 1 1/2" I.P. THREAD TAPS FOR 6" MAINS; 2" I.P. THREAD CLAMP TAP CONNECTION ALLOWED FOR 8" AND LARGER MAINS.

**CORPORATION STOPS**  
3/4", 1", 1 1/2", AND 2" REQUIRED WITH I.P. THREAD INLET BY COPPER COMPRESSION OUTLET WITH CLAMP - CORPORATION STOP REQUIRED AT ALL SERVICE TAPS.

**ONE PIECE SDR9 POLYETHYLENE TUBING OR TYPE K COPPER**  
REQUIRED FOR ALL SERVICE LINES BETWEEN MAIN TO METER - SIZES REQUIRED 3/4", 1", 1 1/2", AND 2" (NO SPLICES ALLOWED)

**ANGLE METER STOP**  
REQUIRED AT ALL METERS - SIZES 3/4" & 1" - INSTALL 3/4" UNLESS DIRECTED OTHERWISE - COPPER COMPRESSION W/ CLAMP INLET BY METER COUPLING NUT OUTLET.

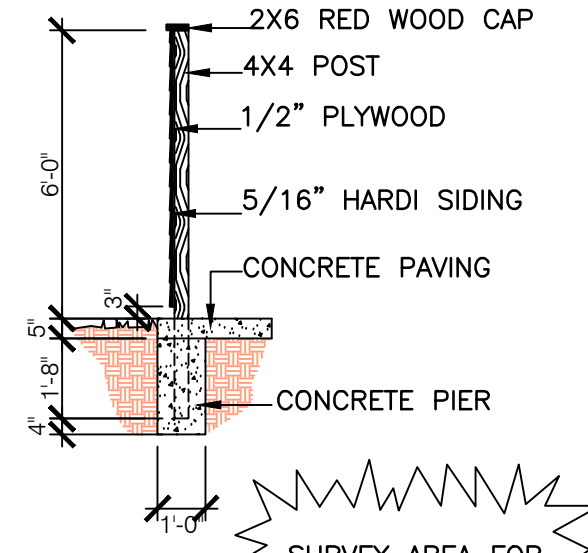
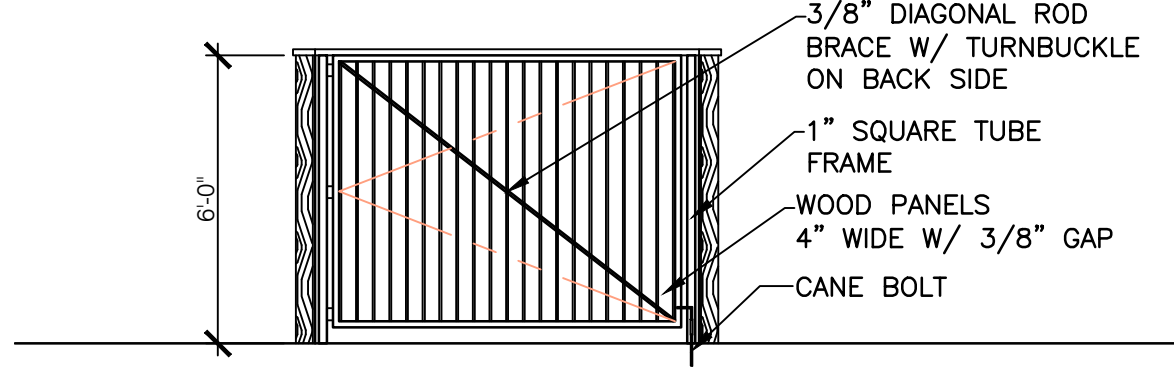
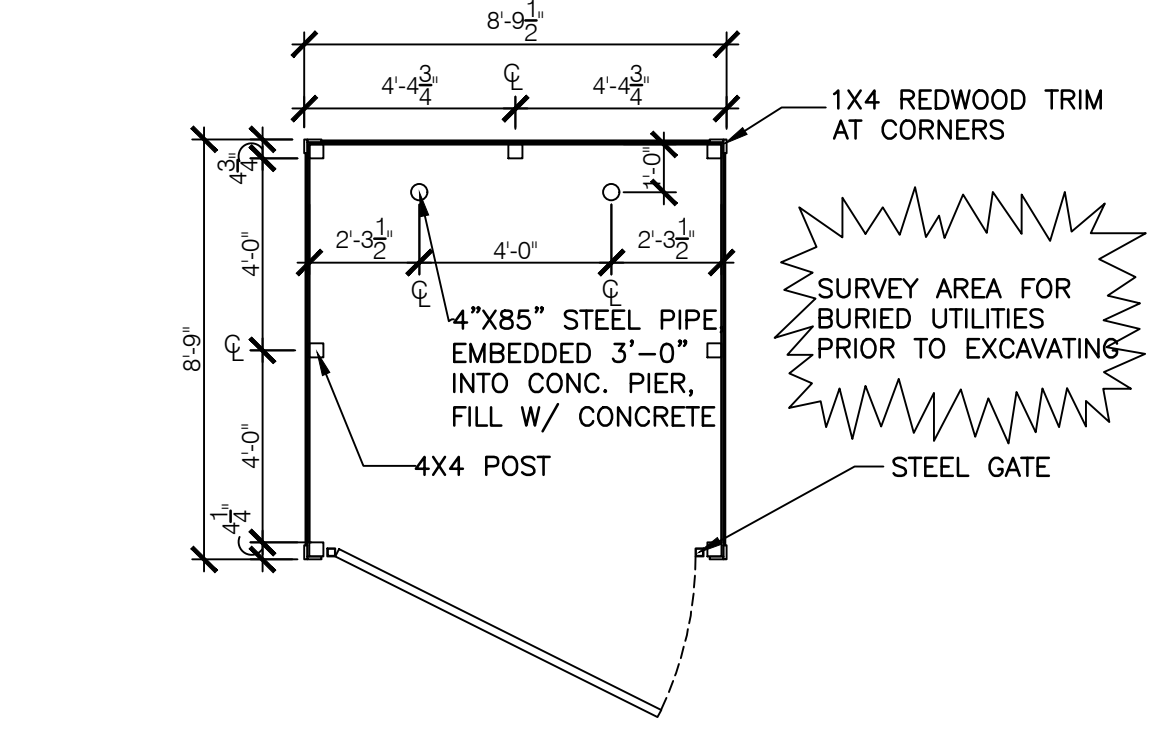
**METER (BY OTHERS)**  
**METER ADAPTER AND CHECK VALVE (BY OTHERS)**  
REQUIRED AT ALL METERS - SIZES 3/4" & 1" - INSTALL 3/4" UNLESS DIRECTED OTHERWISE - METER NUT INLET BY 3/4" MALE I.P. OUTLET.

**ADAPTER COUPLING (BY OTHERS)**  
REQUIRED AT ALL METERS - 3/4" & 1" - FEMALE I.P. BY PVC COMPRESSION.

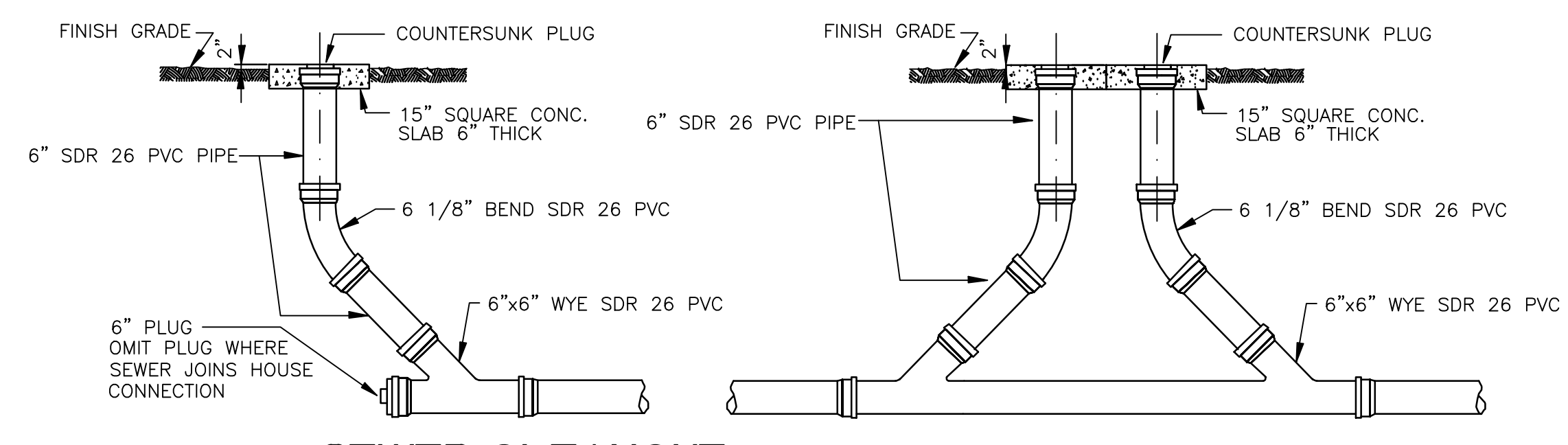
**METER BOX**  
CAST IRON W/ HOT TAR DIP SHALL BE PROVIDED BY THE CONTRACTOR FOR 3/4" METER SETTINGS, IF EXISTING STRUCTURE DOES NOT HAVE ONE. BOXES FOR LARGER (1" & UP) METER SETTINGS SHALL BE FURNISHED BY THE CITY.

**BRASS FITTINGS**  
BRASS FITTINGS SHALL COMPLY WITH A.W.W.A. C800-66 AND BE WRAPPED IN POLYETHYLENE.

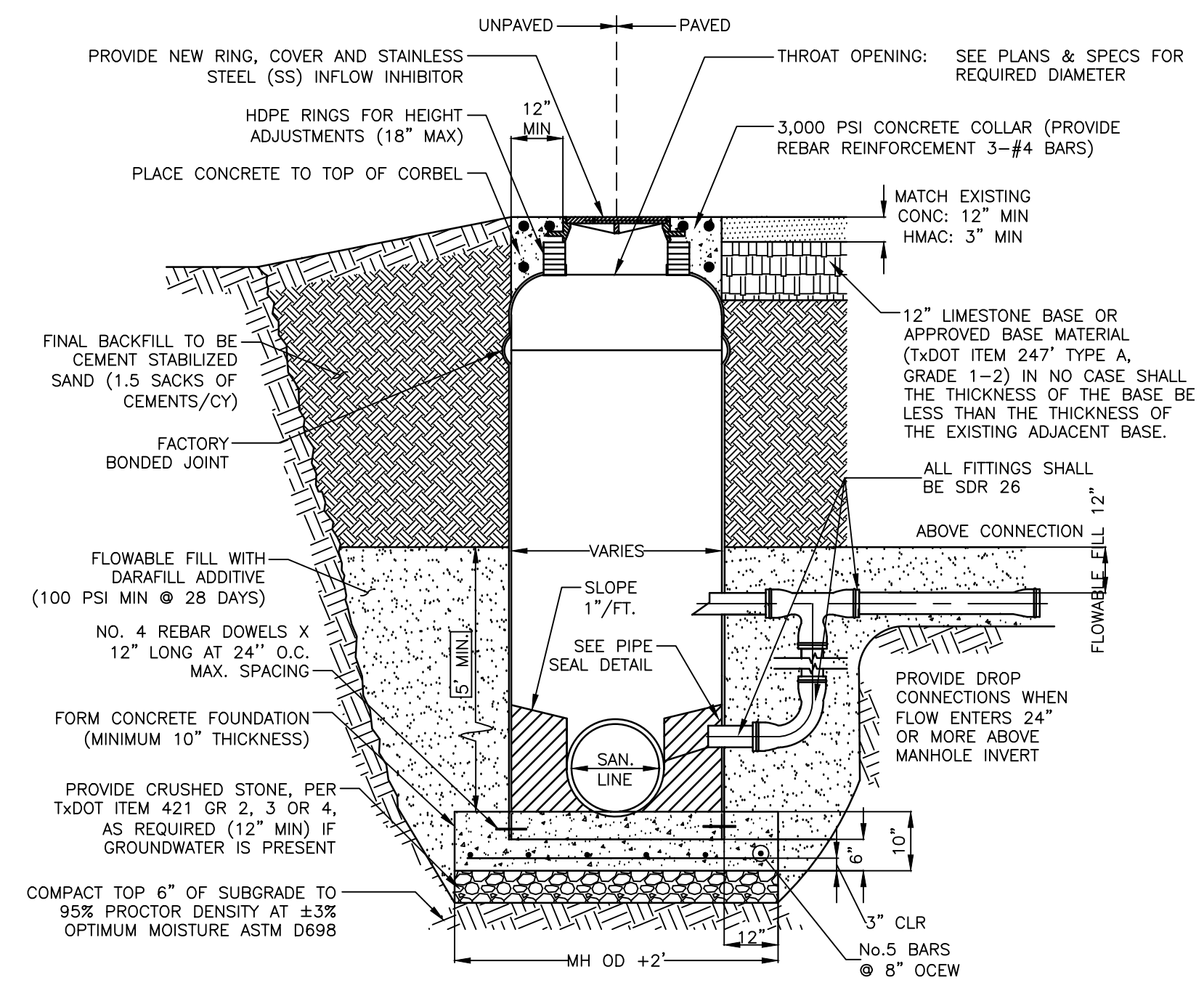
**NEW WATER SERVICE**  
SCALE: NONE



**TRASH ENCLOSURE**  
SCALE: 1/4"=1'



**SEWER CLEANOUT**  
SCALE: 1/2"=1'



**GENERAL WASTEWATER CONSTRUCTION NOTES:**

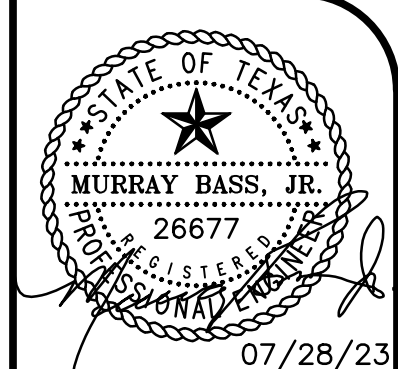
1. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE LOCAL CONDITIONS TO BE ENCOUNTERED, IMPROVEMENTS TO BE PROTECTED, AND PERMITS AND FEES TO BE REQUIRED, ALONG WITH OTHER RESEARCH THAT IS NECESSARY TO ENSURE THAT THE CONTRACTOR THOROUGHLY UNDERSTANDS THE PROJECT AND IS FULLY AWARE OF ALL THE CONDITIONS AND CONSTRAINTS THAT MAY BE ENCOUNTERED DURING THE COURSE OF CONSTRUCTION.
2. THE CONTRACTOR SHALL ADHERE TO ALL TCEQ REGULATIONS PER 30 TAC CHAPTER 217 AND TRENCH SAFETY FOR EXCAVATIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL AND MUST ADHERE TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. ALL FIBERGLASS MANHOLES SHALL BE MONOLITHIC WITH 0.50" MINIMUM WALL THICKNESS. IF PROVIDED OR REQUIRED, FIBERGLASS BOTTOM SHALL BE DESIGNED TO WITHSTAND HYDROSTATIC HEAD PRESSURE UNDER ALL CONDITIONS.
5. THE MANHOLE WALL PENETRATIONS FOR PIPE (8"-15" DIAMETER PIPE) ABOVE THE FLOWLINE OF THE MANHOLE SHALL BE CORED AND SEALED WITH APPROVED SEAL GASKET WATER STOP ASSEMBLY.
6. FOR FIBERGLASS MANHOLES, THE MANHOLE FOUNDATION MAY BE PRECAST ON GROUND SURFACE. (PROCEDURE MUST BE SUBMITTED TO THE ENGINEERING SERVICES CONSTRUCTION ENGINEER FOR APPROVAL).
7. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COATING ON ALL EXPOSED CONCRETE SURFACES, INCLUDING CORBEL AREA, MANHOLE WALLS AND MANHOLE BENCH.
8. FOR FIBERGLASS MANHOLES WITH WATERTIGHT BOTTOM, ADHERE TO ALL MANUFACTURER REQUIREMENTS. FIBERGLASS BOTTOM AND BENCH MUST ALSO BE FACTORY INSTALLED.

**FIBERGLASS MANHOLE**  
SCALE: 1/2"=1'

**TESTING SCHEDULE**

DESCRIPTION	RATE	EST. QUANTITY
<b>SOILS:</b>		
STANDARD PROCTOR - TRENCH BACKFILL	PER MATERIAL SOURCE	-
STANDARD PROCTOR - SUBGRADE	PER STREET/MATERIAL	-
DENSITIES - TRENCH BACKFILL	PER 200 LF TRENCH/LIFT	-
DENSITIES - SUBGRADE (CONCRETE STREET)	PER 200 SY	-
DENSITIES - SUBGRADE (DRIVEWAYS)	PER 2 DRIVEWAYS	-
DENSITIES - SUBGRADE (SIDEWALKS)	PER 5000 SF	-
<b>FLEXIBLE BASE:</b>		
<b>HOT-MIX ASPHALT (HMA):</b>		
<b>CONCRETE:</b> (UNCONFINED COMPRESSION, 7, 14, & 28 DAY)		
SIDEWALKS AND CURB RAMPS	PER 4000 SF	-
DRIVEWAYS	PER 2500 SF	-
MANHOLE BASE/FOOTING	-	-
<b>RIGID CONCRETE PAVEMENT:</b> COMPRESSION STRENGTH (7 & 28 DAY)		
-	PER 2500 SY OR DAY	-
AIR CONTENT	PER 2500 SY OR DAY	-
SLUMP	PER 2500 SY OR DAY	-

1. THE ABOVE TESTING RATES ARE ONLY ANTICIPATED GUIDELINES, THE ENGINEER RESERVES THE RIGHT TO CONDUCT ADDITIONAL TESTING AT THE ENGINEER'S DISCRETION. RE-TEST FOR FAILURES ARE NOT INCLUDED.
2. MOISTURE CONTENTS TO BE INCLUDED WITH DENSITY TEST.
3. IN THE EVENT OF FAILURES, ADDITIONAL TESTS WILL BE REQUIRED. IF EXCESSIVE RAIN OR DRY PERIOD OCCURS ON A PREVIOUSLY TESTED SECTION, THE CITY MAY ORDER RE-TESTS AS NECESSARY.



**BASS & WELSH ENGINEERING**  
CONSULTING ENGINEERS AND SURVEYORS  
3054 SOUTH ALAMEDA STREET 78404  
P.O. BOX 6397 78466-6397  
TELEPHONE: (361) 882-5521  
FACSIMILE: (361) 882-1265  
ENGINEERING FIRM REGISTRATION NO. F-52  
SURVEYING FIRM REGISTRATION NO. 100027-00  
CORPUS CHRISTI, TEXAS

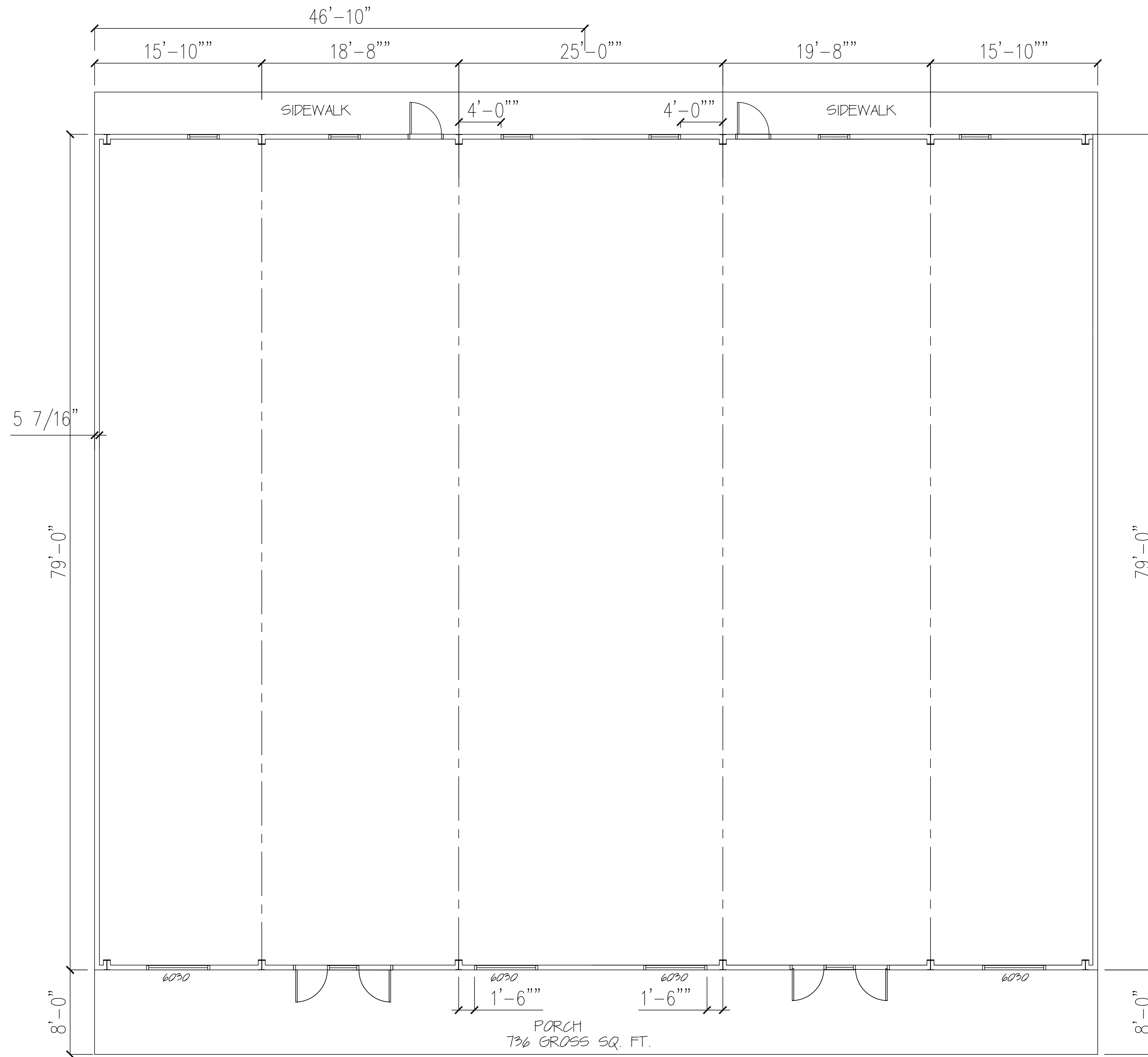
**DETAILS**  
**HUSAYN MEDICAL CLINIC**  
**SARATOGA SHORES CONDOMINIUMS UNIT 2A BLOCK 7**  
**CORPUS CHRISTI, TEXAS**

DATE: 7/11/23  
SCALE: As shown  
JOB NO.: 23027  
DESIGN BY: MB Jr  
DRAWN BY: JC  
SURVEYED BY: JS  
COMP. FILE: DETAILS  
FIELD BK. NO:  
SHEET NO. **8**  
OF 8 SHEETS

Development Services  
Reviewed for Code Compliance  
9-18-23

PLOTDATE: 09-06-23 1:22 PM JOB NO: 23027 PLOTSCALE: 1:1 XREF: NONE





DOOR SCHEDULE	
ENTRY DOORS:	3070
	TEMPERED IMPACT RESISTANT GLASS
	WITH PUSHBAR AND CLOSER
EXIT DOORS:	3070
	HOLLOW METAL DOORS
	WITH PANIC BAR AND CLOSER



**PILLAR ENGINEERING**  
 TBPE FIRM 21625 PH (361) 960-4515  
 105 VILLA DR CORPUS CHRISTI, TX 78408

11 SEPTEMBER 2023  
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**FLOOR PLAN**  
 SCALE: 3/16"=1'-0"

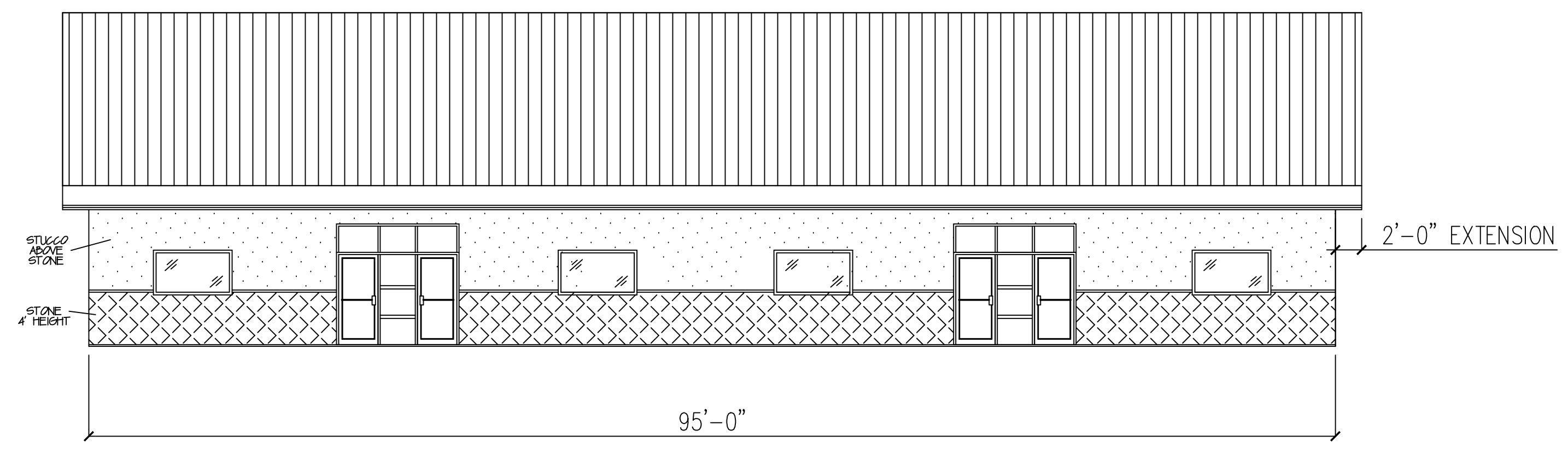
REV. NO.	DATE	DESCRIPTION
1	9-7-23	ADDED DOOR SCHEDULE

DR. HUSAYN MEDICAL CLINIC  
 6214 SARATOGA BLVD.  
 CORPUS CHRISTI, TX 78414

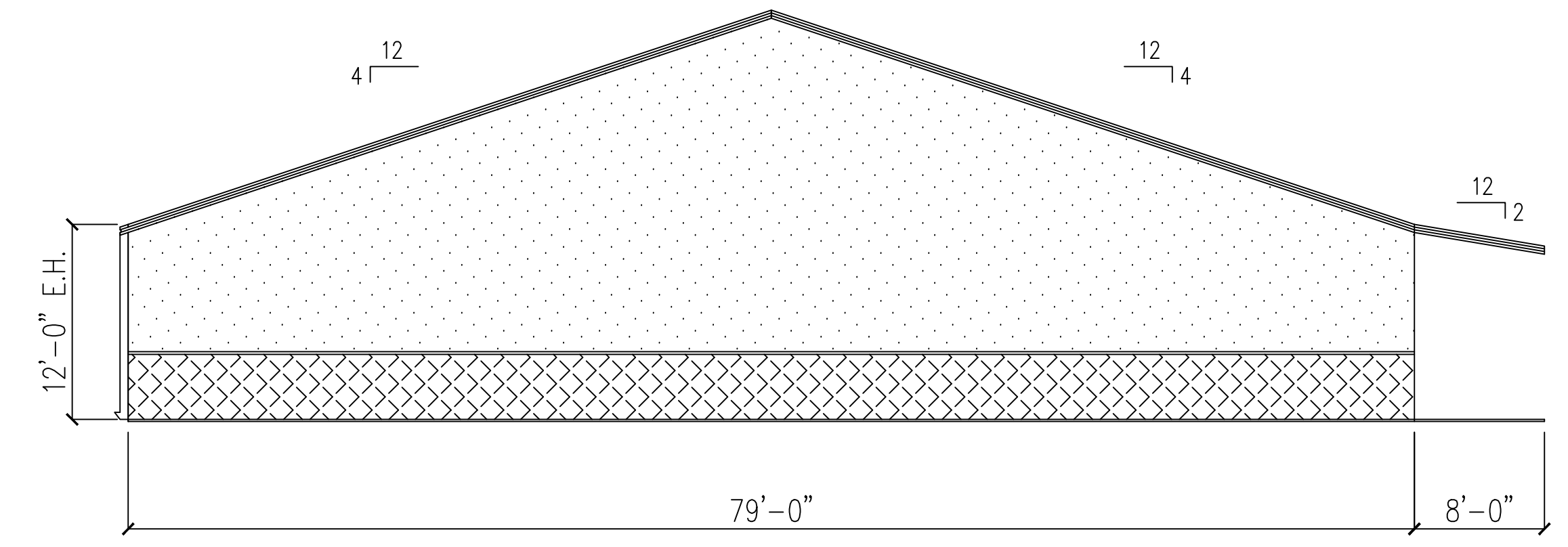
WESTERN STEEL COMPANY  
 P.O. BOX 9275  
 CORPUS CHRISTI, TEXAS 78469  
 (361) 884-8801

CAO BY: MTV DATE ISSUED: JUNE 20, 2023  
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 SCALE: 3/16"=1'-0" CHK'D BY: JOB NO. SALES

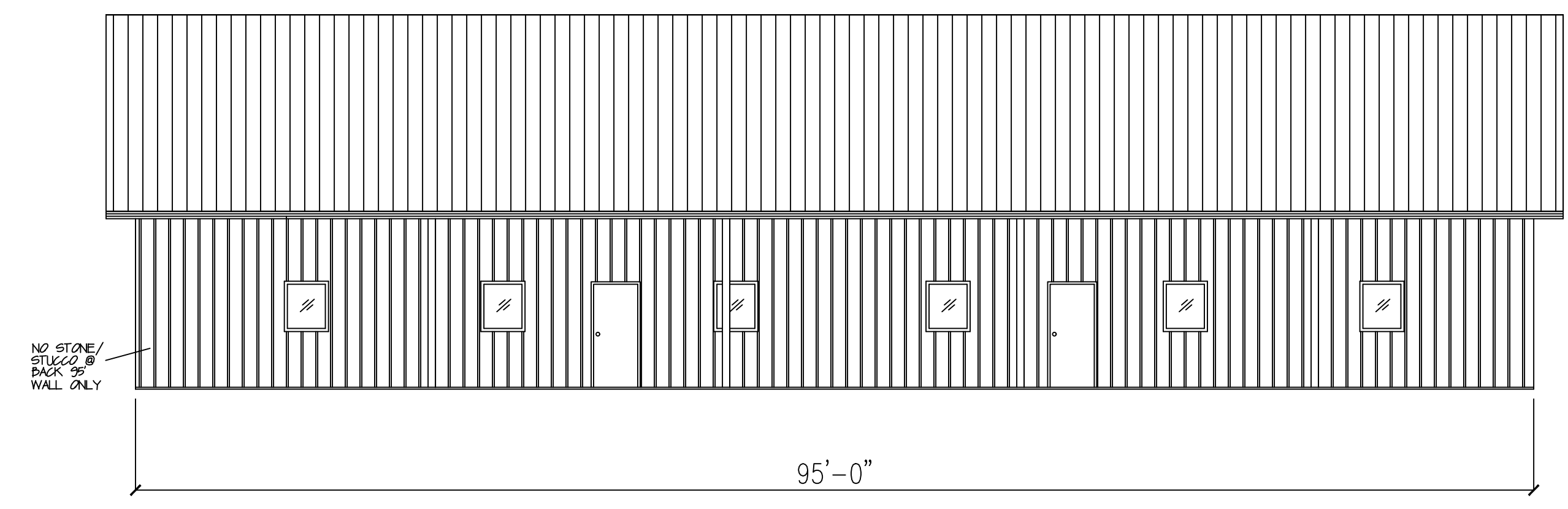
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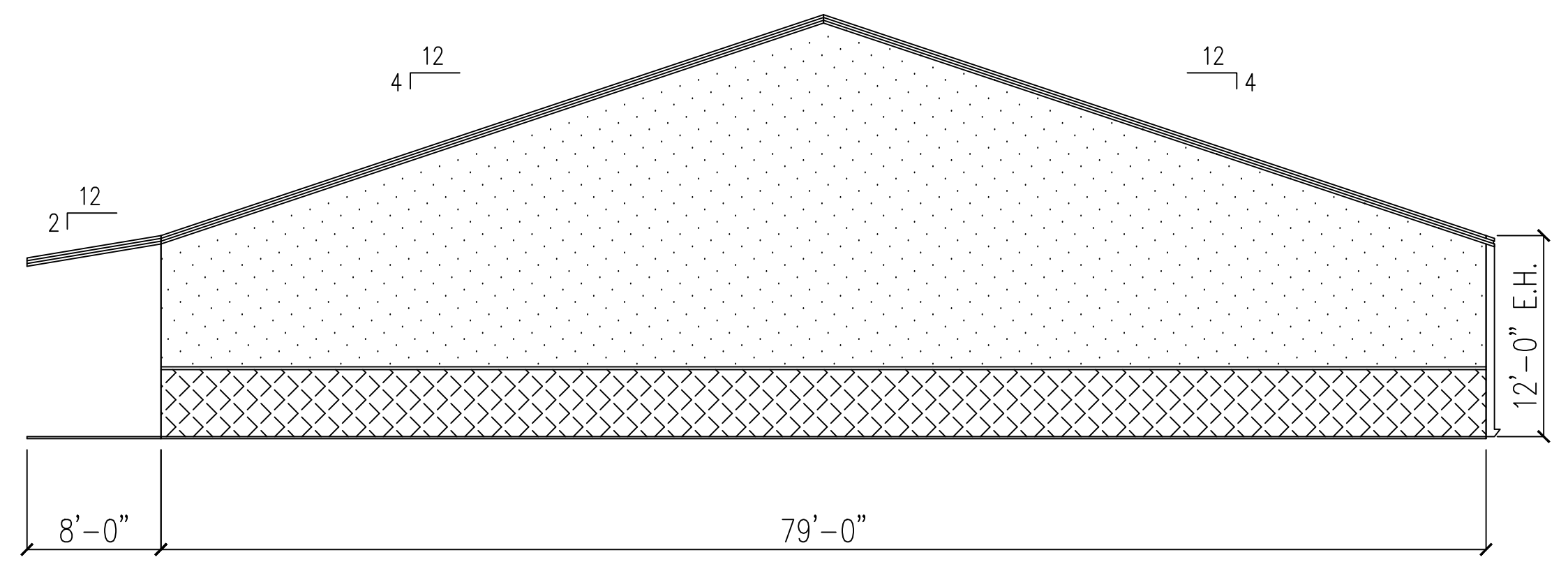
**SIDE 1**  
SCALE: 1/8"=1'-0"



**SIDE 2**  
SCALE: 1/8"=1'-0"



**SIDE 3**  
SCALE: 1/8"=1'-0"

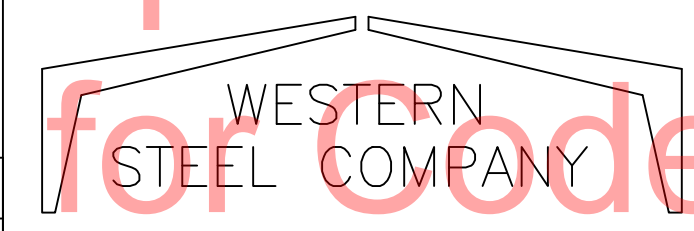


**SIDE 4**  
SCALE: 1/8"=1'-0"

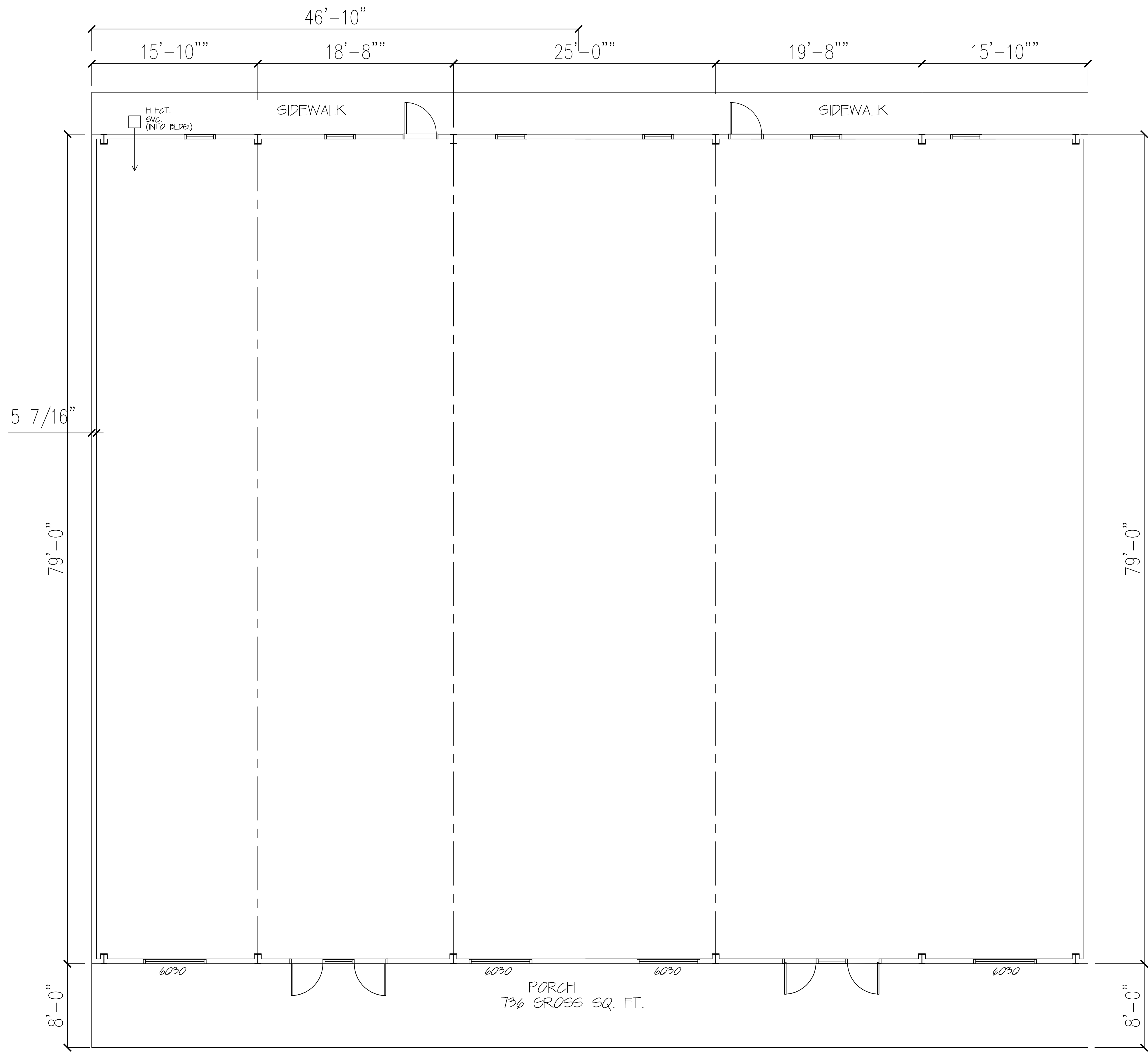
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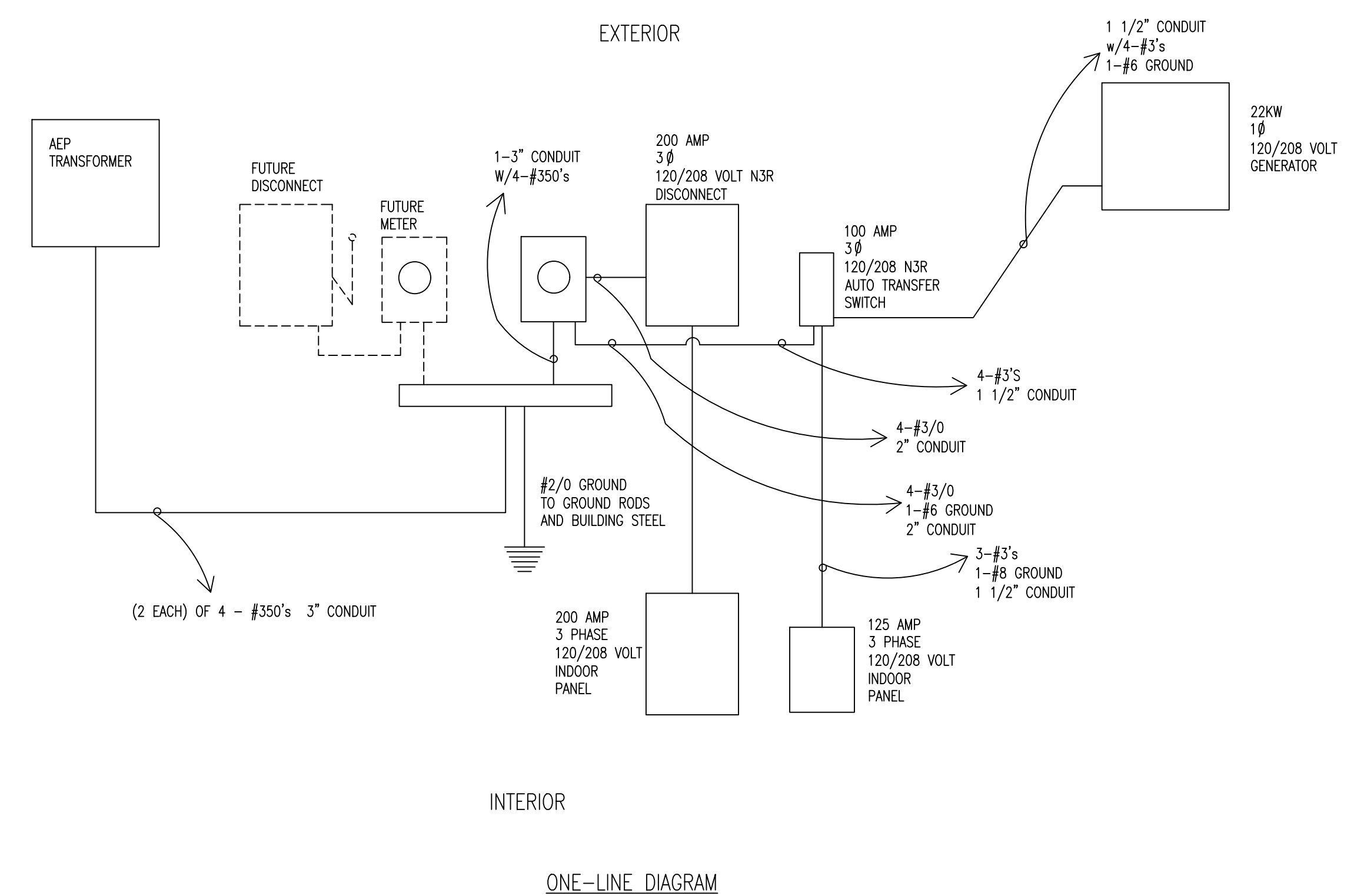
 WESTERN STEEL COMPANY P.O. BOX 9275 CORPUS CHRISTI, TEXAS 78469 (361) 884-8801		DR. HUSAYN MEDICAL CLINIC 6214 SARATOGA BLVD. CORPUS CHRISTI, TX 78414																
CAD BY: MTV DATE ISSUED: JUNE 20, 2023	SIZE: FILE NO. SCALE: 1/8"=1'-0"	DRAWING NO.: EXTERIOR ELEVATIONS A2	REV. JOB NO. SALES															
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REV. NO.	DATE	DESCRIPTION																
X	X	X																



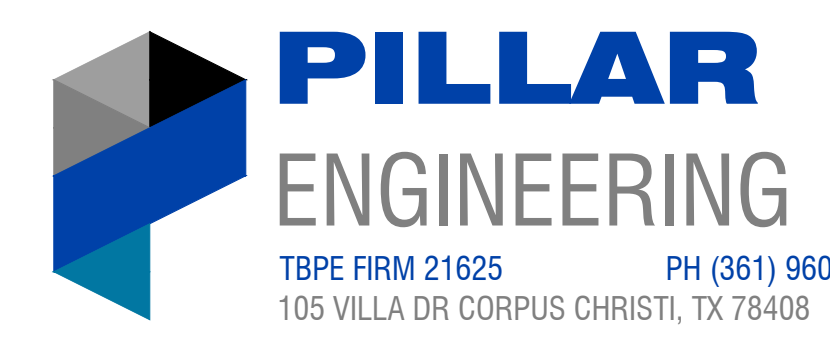


**ELECTRICAL PLAN**  
SCALE: 3/16"=1'-0"

TOTAL SERVICE SIZE - 600 AMP 3 PHASE 120/208 VOLT



ONE-LINE DIAGRAM



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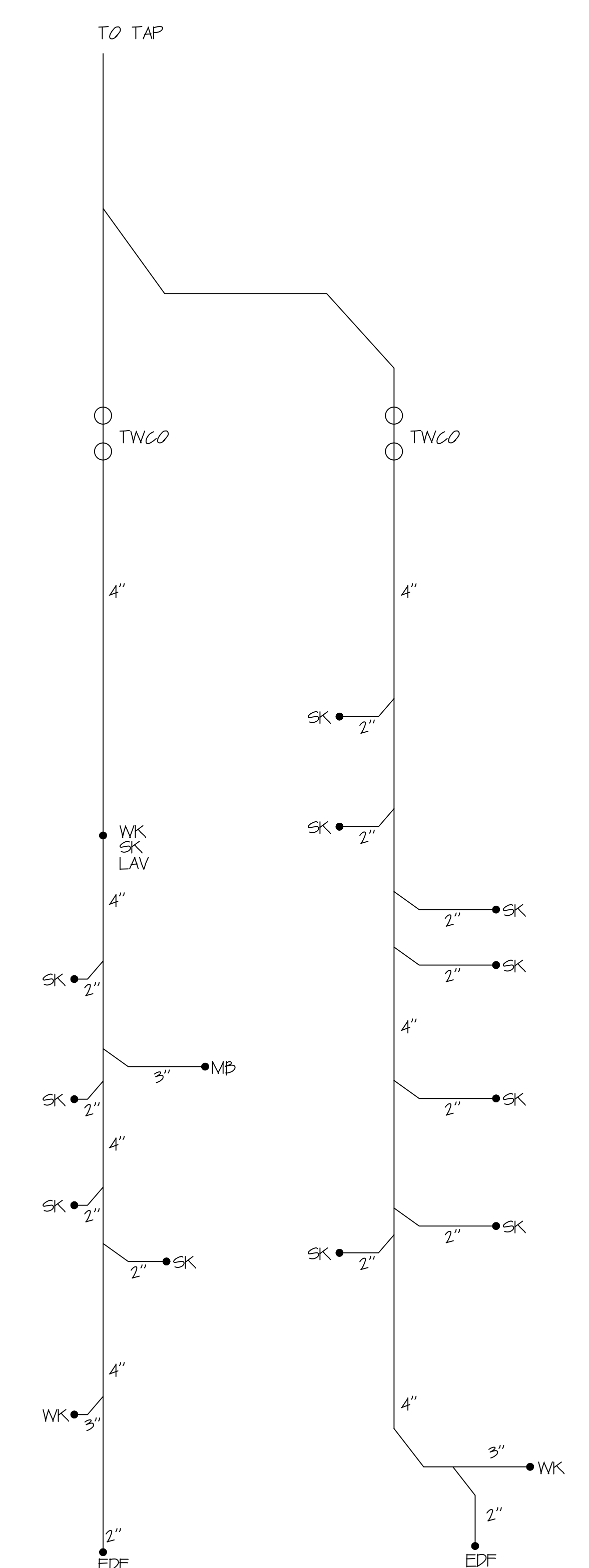
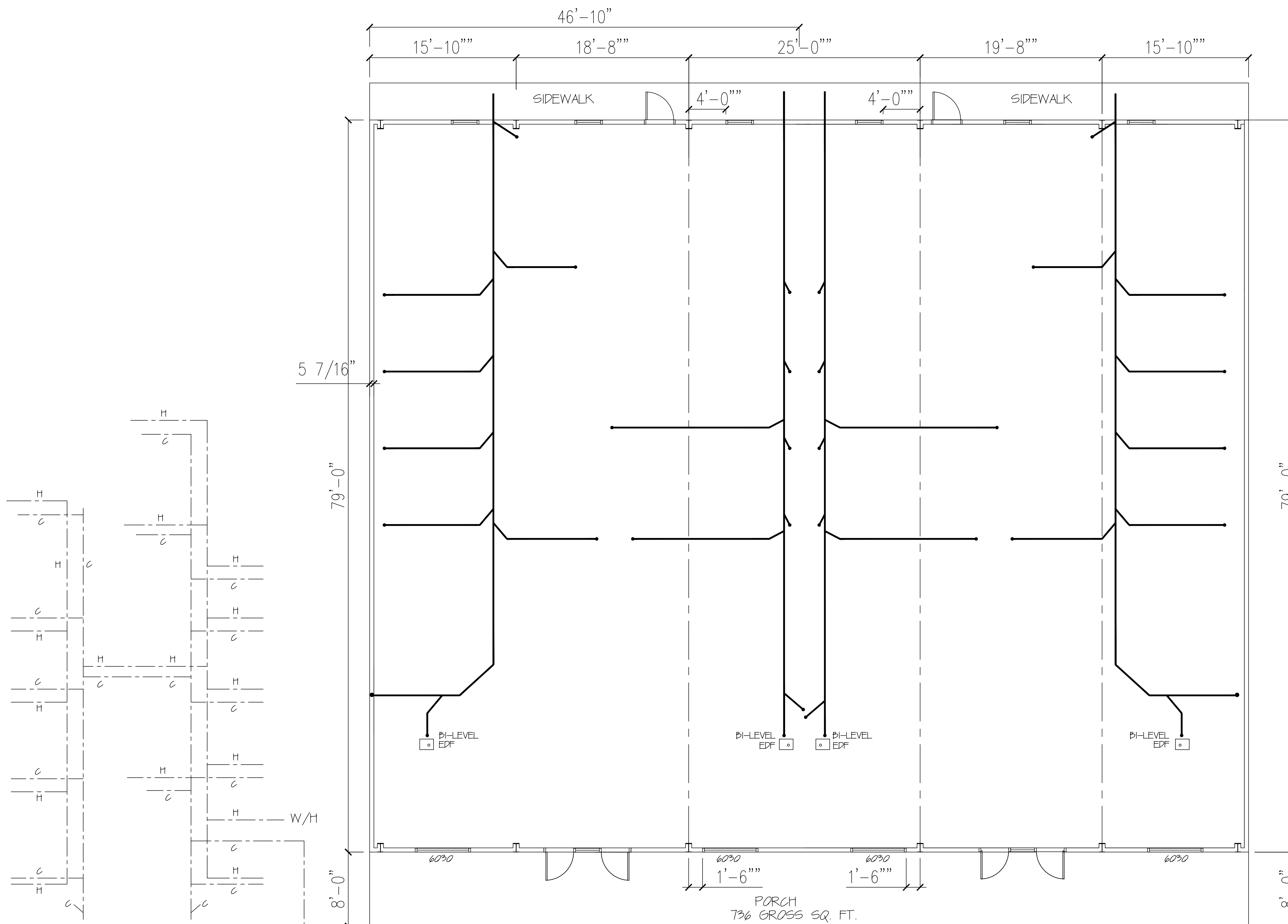
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Developer Services  
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 <b>WESTERN STEEL COMPANY</b> P.O. BOX 9275 CORPUS CHRISTI, TEXAS 78469 (361) 884-8801		<b>DR. HUSAYN MEDICAL CLINIC</b> 6214 SARATOGA BLVD. CORPUS CHRISTI, TX 78414	
REV. NO.	DATE	DESCRIPTION	
X	X	X	

CAD BY: MTV DATE ISSUED: JUNE 20, 2023		DRWG NO.: E1 REV.:	
SIZE:	FILE NO.:	DRWG NO.:	REV.:
361	884-8801	ELECT PLAN	E1
SCALE:	3/16"=1'-0"	CHK'D BY:	JOB NO. SALES

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**PLUMBING PLAN**

SCALE: 3/16"=1'-0"

\* RAUGH-IN PLUMBING ONLY



**PILLAR ENGINEERING**  
 TBPE FIRM 21625 PH (361) 960-4515  
 105 VILLA DR CORPUS CHRISTI, TX 78408

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**WESTERN STEEL COMPANY**  
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 (361) 884-8801

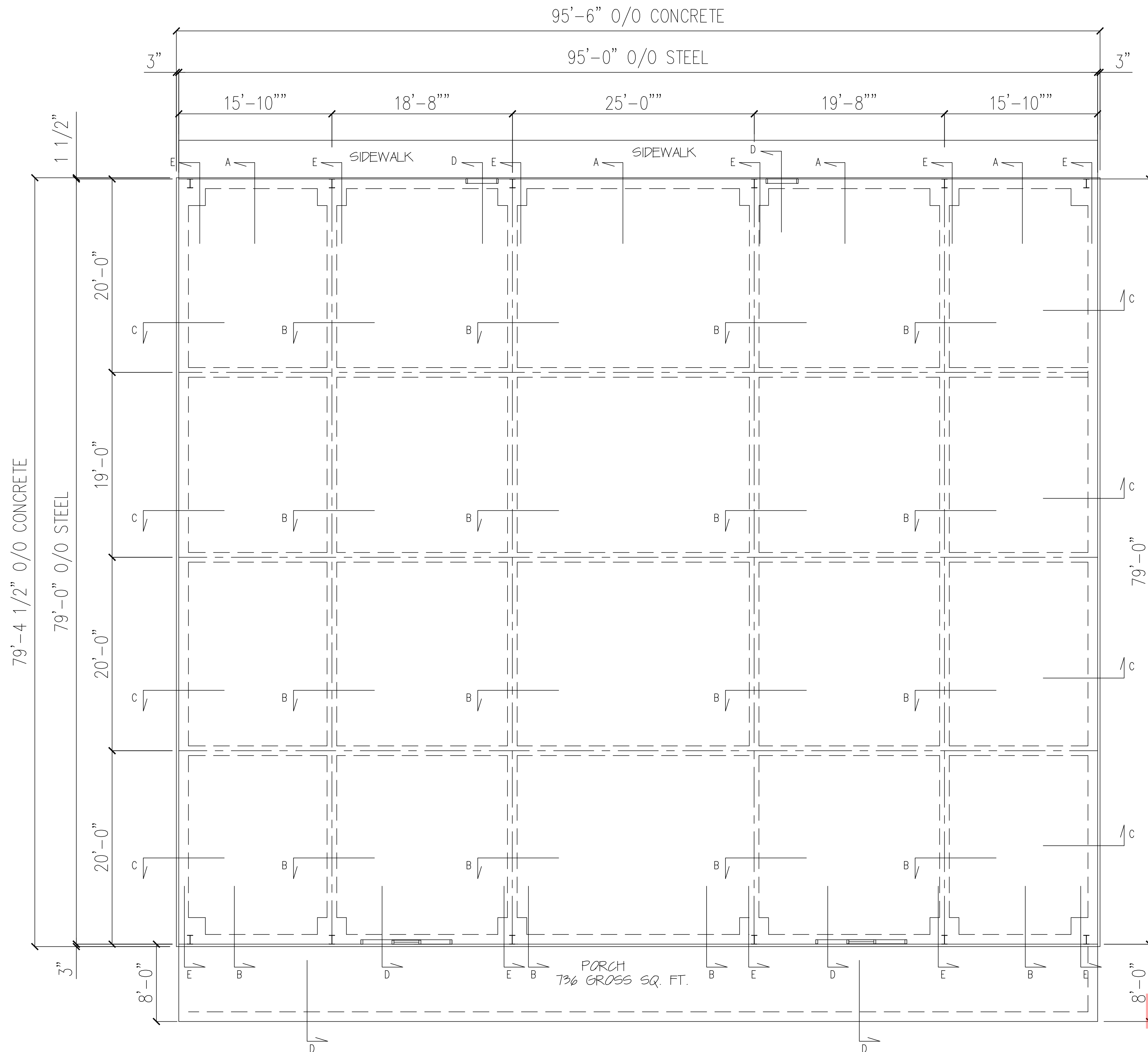
DR. HUSAYN MEDICAL CLINIC			
6214 SARATOGA BLVD. CORPUS CHRISTI, TX 78414			
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SIZE	FILE NO.	DRWG NO.	REV.
		PLUMB PLAN	PI
SCALE: 3/16"=1'-0"		CHK'D BY	JOB NO. SALES

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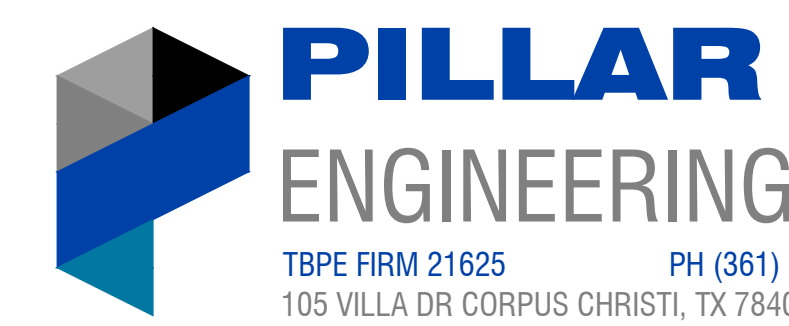
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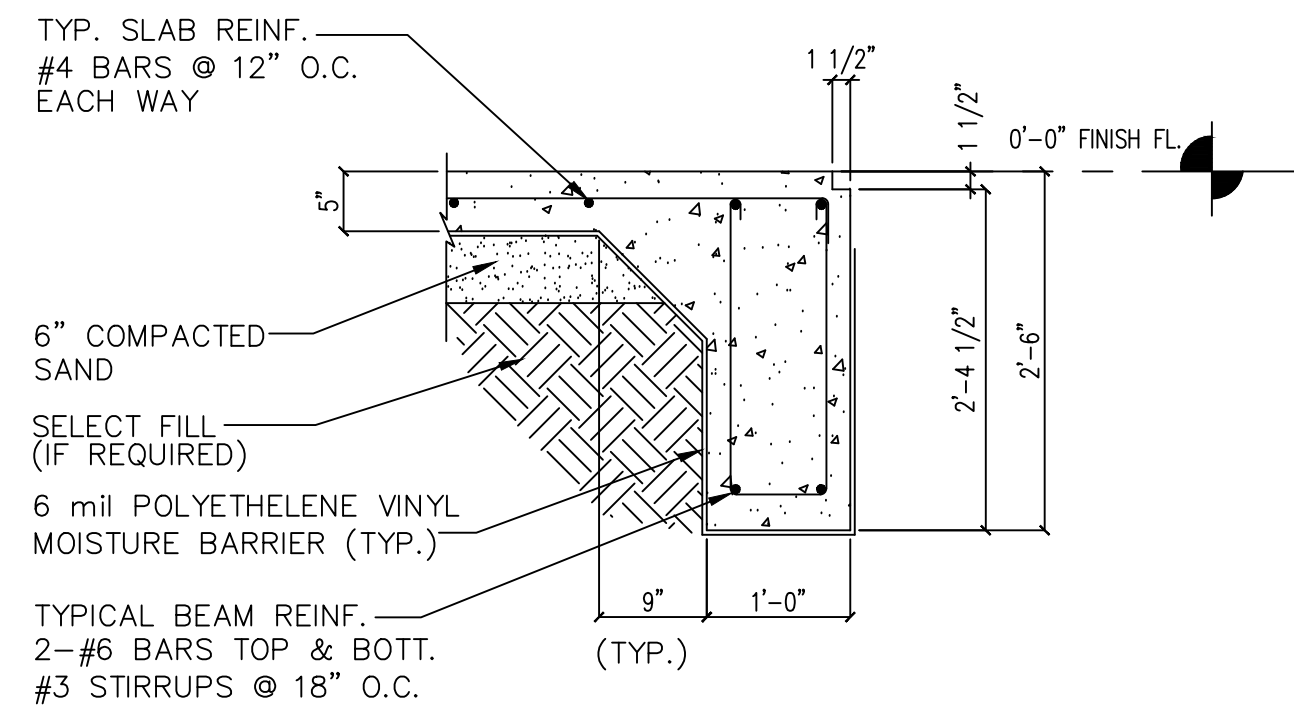
**FOUNDATION PLAN**  
SCALE: 3/16"=1'-0"



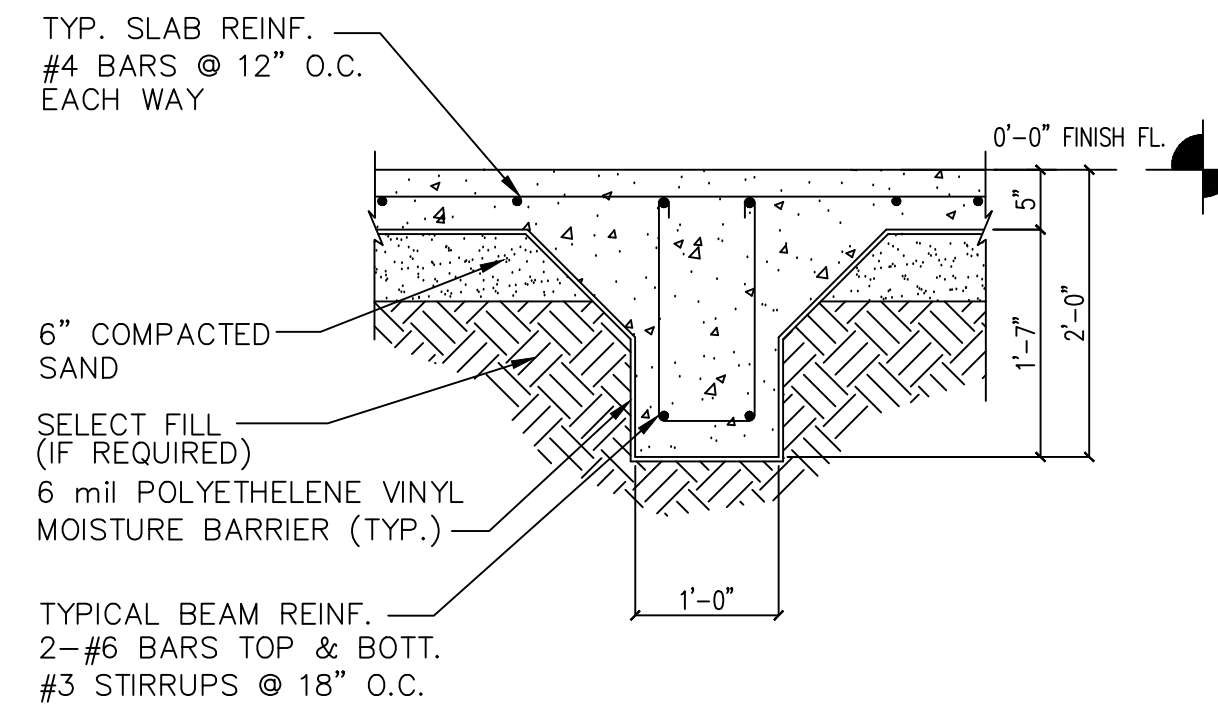
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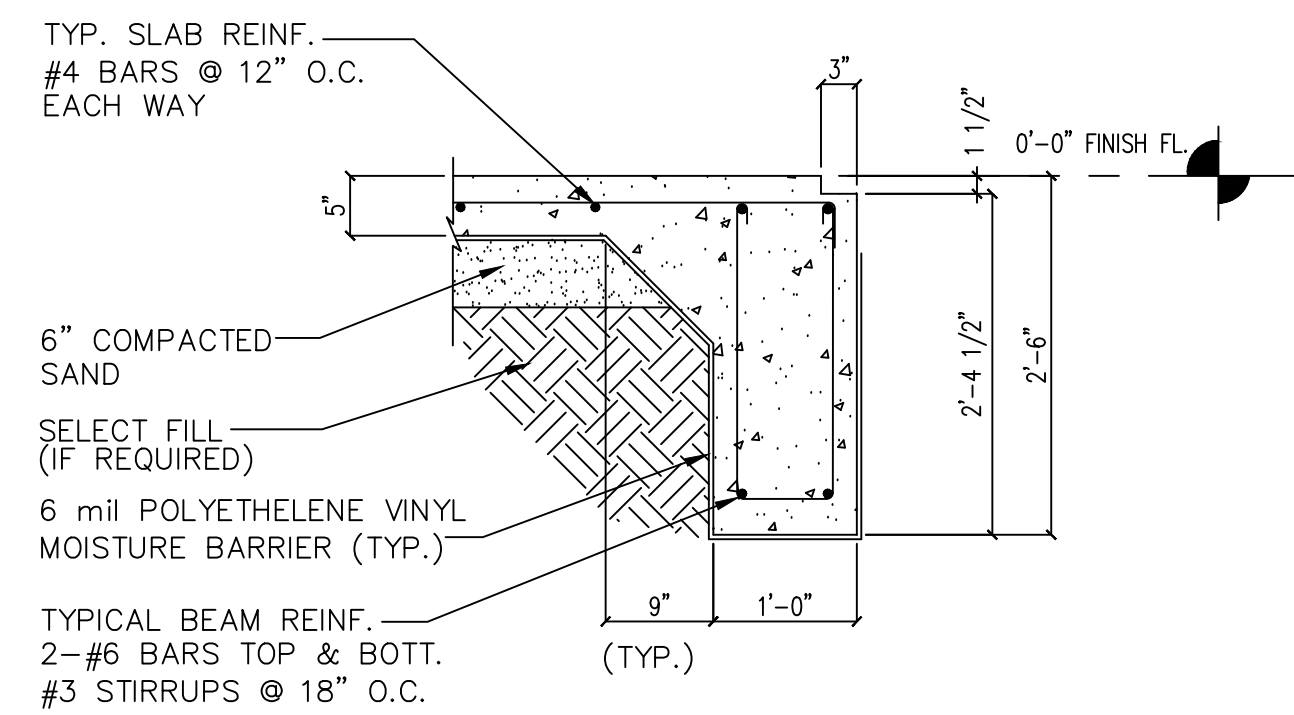
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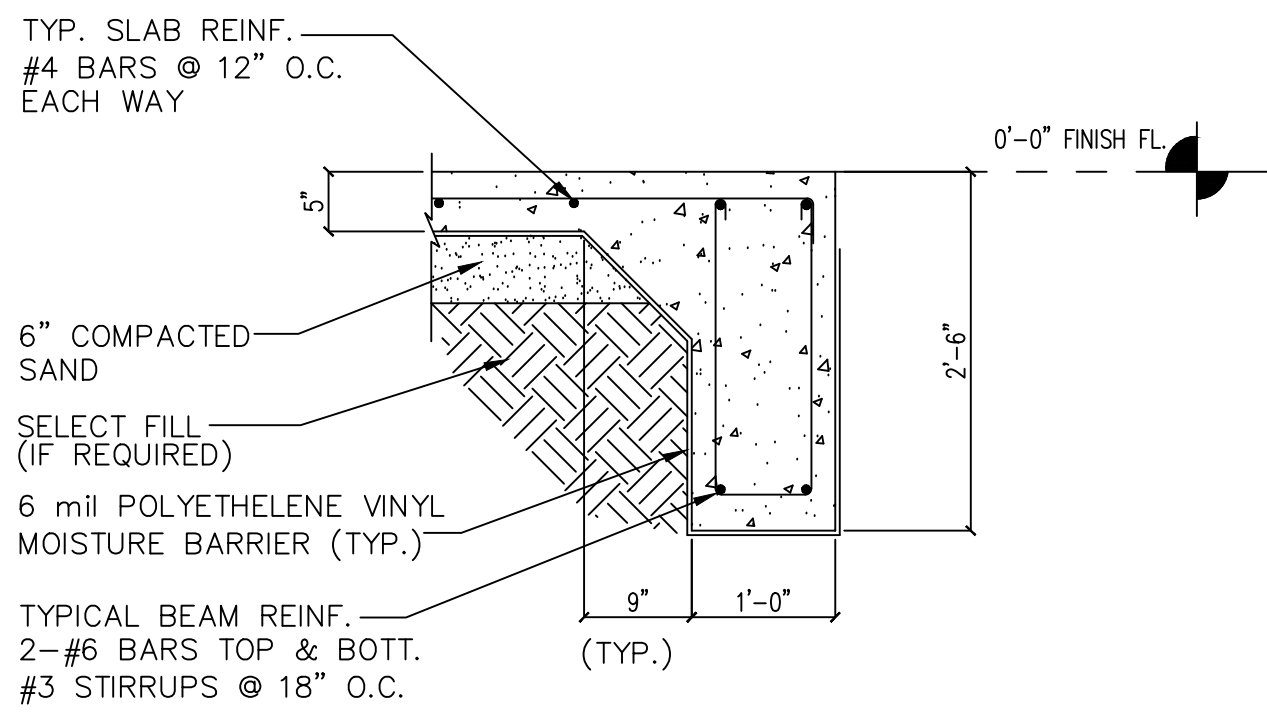
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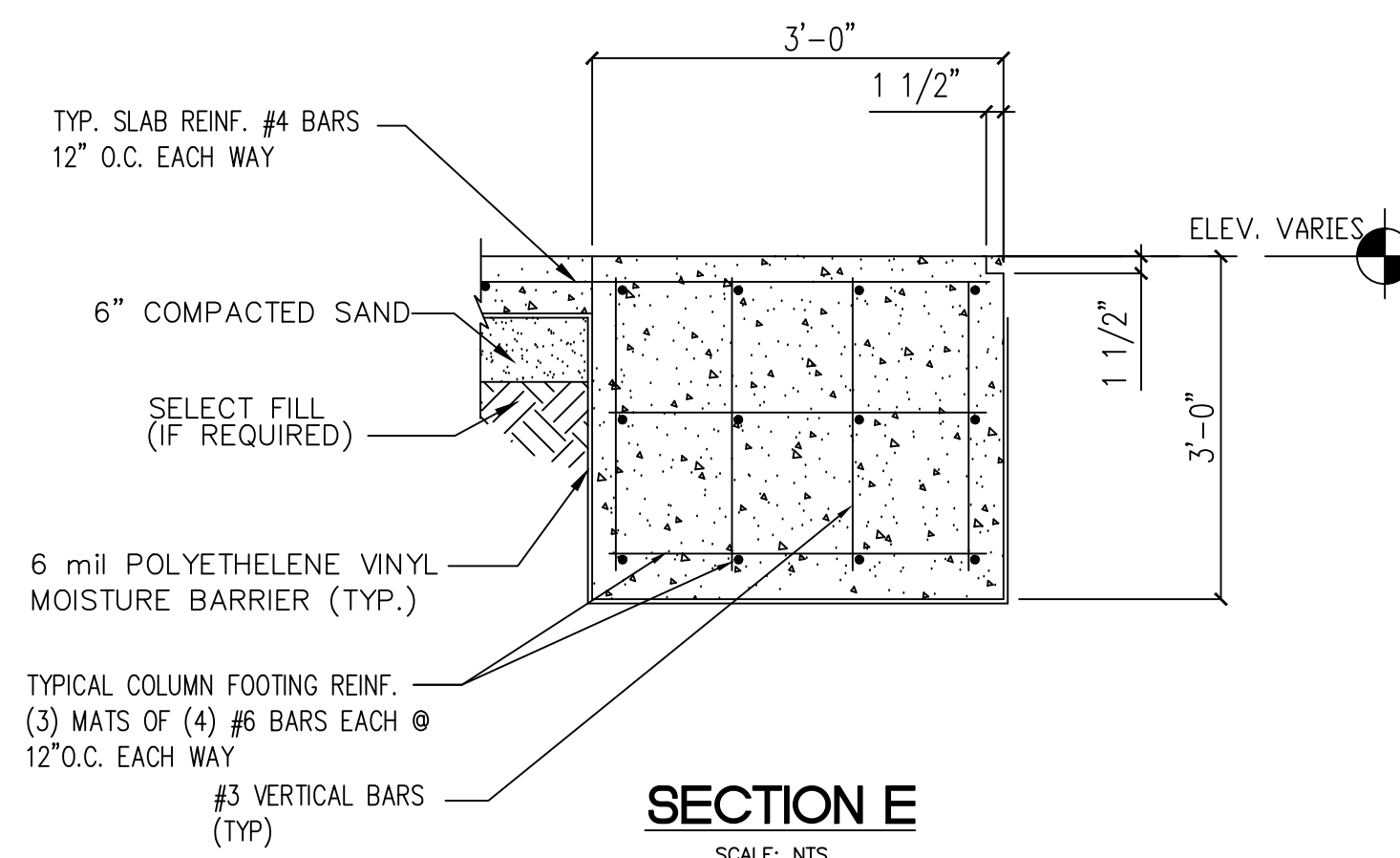
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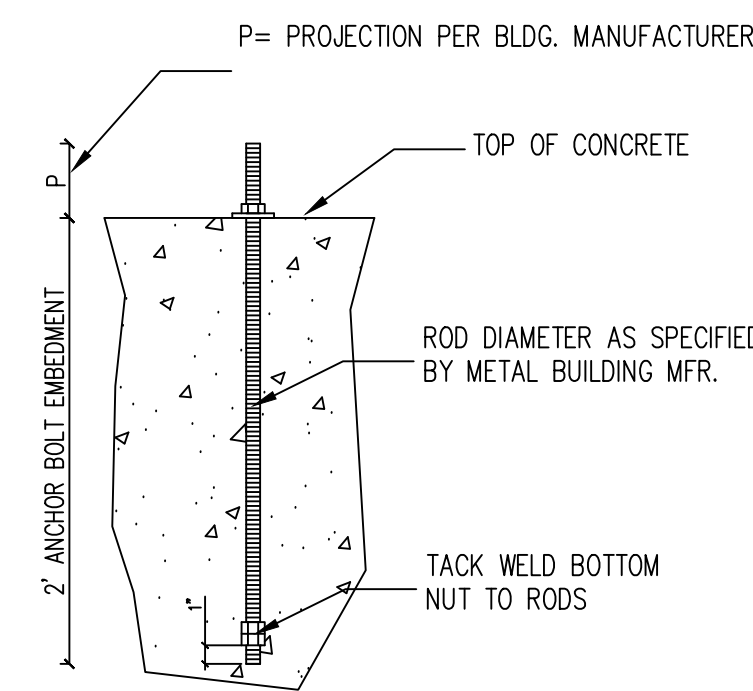
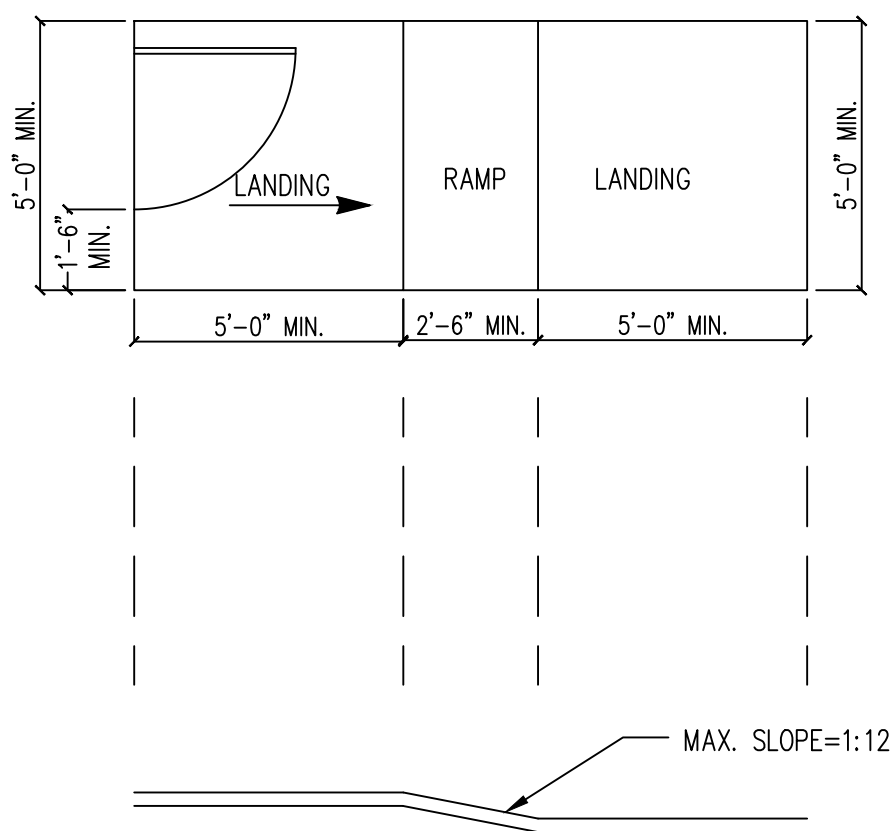
**SECTION C**  
SCALE: NTS



**SECTION D**  
SCALE: NTS



**SECTION E**  
SCALE: NTS



**GENERAL NOTES FOR REBAR SLAB CONSTRUCTION**

- BUILDING CONTRACTOR MUST VERIFY DEPTH AND LOCATION OF ALL DROPS, OFF SETS, BRICK LEDGES, BLOCKOUTS AND ALL DIMENSIONS WITH ARCHITECTURAL FLOOR PLANS.
- PLACE A MINIMUM 6 MIL VAPOR BARRIER OF POLYETHELENE UNDER ALL CONCRETE SLABS AND REMOVE ANY MATERIALS OR WATER DETRIMENT TO CONCRETE OR TO THE VAPOR BARRIER BEFORE POURING CONCRETE.
- DURING PERIODS OF HOTTER TEMPERATURES, PROVIDE EXTRA CURING TIME TO PREVENT SHRINKAGE CRACKS FROM OCCURRING.
- ALL BEAMS ARE TO PENETRATE A MINIMUM OF 18" INTO UNDISTURBED SOIL WITH PI>15, AND 12" INTO UNDISTURBED SOIL WITH PI<15. IF CONDITIONS EXIST, ENGINEER APPROVED WILL BE ACCEPTABLE.
- SLAB SHALL HAVE A MINIMUM OF 6" OF PERVIOUS SAND OF GRANULAR MATERIAL FOR CUSHION LAYER. THE MATERIAL SHALL HAVE A PI<12. IF THE PI EXCEEDS 12 FOR THE EXISTING SUBGRADE, BUT DOES NOT EXCEED A PI OF 20, THEN NO CUSHION LAYER IS REQUIRED.
- THE SUBGRADE LAYER OR FILL APPROVED BY THE ENGINEER PLACED BENEATH THE BEAMS SHOULD BE AT NOT LESS THAN 96% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS PER A.S.T.M. DENSITY TEST NO. D-696, METHOD "A" OR THE STANDARD PROCTOR TEST. THE MOISTURE CONTENT MAY VARY +3% TO -1% OF OPTIMUM. IF FILL MATERIAL IS NEEDED, IT IS TO BE PLACED IN 6" LIFTS OR LESS. PRIOR TO PLACEMENT OF FILL, NOTIFY ENGINEER BEFORE REMOVAL OF EXISTING SOIL ALONG WITH ANY ORGANIC SUBSTANCE.
- FOR PROTECTION OF THE SLAB, NO LARGE TREES OR SHRUBBERY SHALL BE PLANTED WITHIN 15' FROM EDGE, AND PROPER DRAINAGE AWAY FROM THE SLAB SHALL BE PROVIDED.
- ANY CHANGES OR VARIATIONS OF THE ABOVE SHALL BE APPROVED BY THE ENGINEER.
- CONCRETE SHALL BE MADE WITH AGGREGATE CONFORMING TO A.S.T.M. C-33 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS (UNLESS APPROVED BY OTHERWISE).
- CONCRETE SHALL BE AIR ENTRAINED (A.S.T.M. C-260) AND HAVE A SLUMP NOT LESS THAN 3 1/2" AND NOT MORE THAN 5 1/2". ALL OTHER ADDED MIXTURES SHALL BE APPROVED BY THE ENGINEER.
- ALL REINFORCING STEEL BARS SHALL CONFORM TO A.S.T.M. A-615, GRADE 60; HOWEVER, STIRRUPS MAY BE GRADE 40 WELDED WIRE FABRIC AND SHALL CONFORM TO A.S.T.M. A-185.
- STEEL EMBEDMENTS SHALL CONFORM TO A.S.T.M. A-36, HEADED ANCHOR STUDS SHALL CONFORM TO A.S.T.M. A-108 WITH GALVANIZED BOLTS SEAWARD OF INTER-COASTAL CANAL.
- CONSTRUCT THE FOUNDATION STRUCTURE WITHIN THE RECOMMENDATIONS OF A.C.I. 318.
- ALL REINFORCING BARS SHALL BE SUPPORTED CHAIRS OR BOLSTERS AND TIED 4'-0" ON CENTER EACH WAY.
- ALL REINFORCING LAP SLICES SHALL NOT BE LESS THAN 40 BAR DIAMETERS OF LARGER DIAMETER BAR.
- IF THE REBAR IN THE BEAMS ARE NOT CONTINUOUS AT ALL CORNERS OF BEAMS AND INTERSECTIONS, MINIMUM #6 CORNER REBAR SHALL BE PROVIDED.
- ALL REINFORCING SHALL BE DESIGNED AND DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE A.C.I. "MANUAL OF STANDARD PRACTICES FOR DETAILING CONCRETE STRUCTURES" (A.C.I. 315)
- ALL REINFORCING SHALL BE PLACED TO HAVE ADEQUATE CONCRETE COVER; BEAMS CAST AGAINST THE GROUND SHALL HAVE AT LEAST 3" COVER, FORMED AND FINISHED SURFACES SHALL HAVE AT LEAST 1 1/2" COVER. SLABS CAST AGAINST THE GROUND SHALL HAVE AT LEAST 1 1/2" COVER.
- THE ENGINEER SHALL BE NOTIFIED AT LEAST ONE DAY PRIOR TO INSPECTION FOR CONCRETE POURS.

**REINFORCING GENERAL NOTES:**

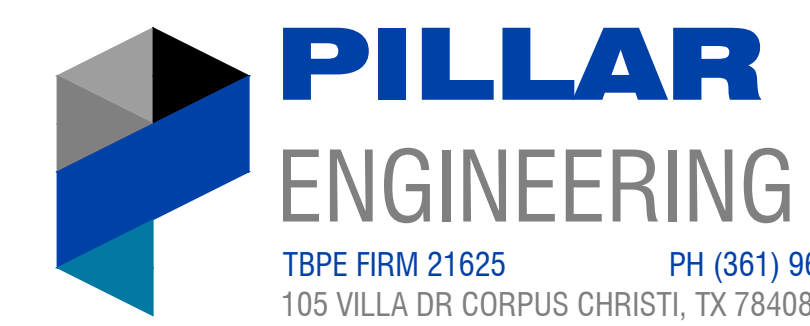
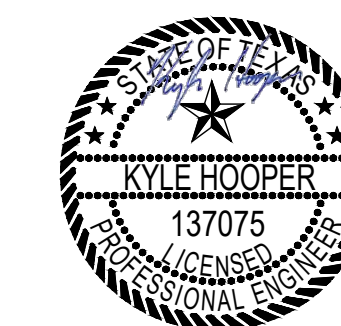
- SIDE OF GRADE BEAMS: CLEARANCE OF STIRRUPS
  - NORMAL: 2"
  - MINIMUM: 1 1/2"
- END OF SLAB BARS: CLEARANCE
  - NORMAL: 2"
  - MINIMUM: 1 1/2"
  - MAXIMUM: LONG ENOUGH TO REST ON TOP OF OUTSIDE BEAM BAR
- END OF GRADE BEAM BARS: CLEARANCE
  - NORMAL: 2"
  - MINIMUM: 1 1/2"
  - MAXIMUM: 3"
- REBAR SUPPORTS:
  - SLABS: 4'-0" ON CENTER EACH WAY; NOTE: ADDITIONAL ACCESSORIES MAY BE REQUIRED DEPENDING ON EXISTING CONDITIONS.
- GENERAL NOTES:
  - LAP ALL BARS 40 DIAMETER
  - 3000 PSI CONCRETE
  - BEAM STEEL IS TO BE TIED TO MAT STEEL

**B. GRADE BEAMS:**  
4'-0" ON CENTER;  
NOTE: ADDITIONAL ACCESSORIES MAY BE REQUIRED DEPENDING ON EXISTING CONDITIONS.

**REBAR STD. LAPS (40 DIA.)**

- #4 = 1'-8"
- #5 = 2'-1"
- #6 = 2'-6"
- #7 = 2'-11"

**FOUNDATION DETAILS**  
NTS



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Developed for Code Compliance Services

		<b>DR. HUSAYN MEDICAL CLINIC</b> 6214 SARATOGA BLVD. CORPUS CHRISTI, TX 78414	
P.O. BOX 9275 CORPUS CHRISTI, TEXAS 78469 361-884-8801		CND BY: MTV DATE ISSUED: JUNE 20, 2023 SCALE: NTS CHK'D BY:	
REV. NO. DATE DESCRIPTION X X X		DRAWING NO. FOUND DETAILS S2 JOB NO. SALES	



# Horizon Structural Systems, Inc.

3950 HWY. 46 W. SUITE 200, NEW BRAUNFELS, TX 78132  
PHONE (830) 629-8000, FAX (830) 629-2611

This document is to certify that the project that is referenced and its components have been designed in general accordance with the 2016 AISC Steel Construction Manual (15th Edition) and the 2016 AISI S-100 Specification for Cold-Formed Members, as well as the designated building code stipulated in the order documentation.

Based on the requirements of the order documentation, the structural Design criteria applied to the design of this project is as follows:

### BUILDING LOADS / DESCRIPTION

WIDTH: 79      LENGTH: 95      HEIGHT: 12      SLOPE: 4.0:12  
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY: IBC 18

ZIP CODE: 78412

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

II- Normal	USE CATEGORY	d	SITE CLASS
3.00	PSF ROOF DEAD LOAD	0.06	Ss MAPPED SPECTRAL ACCEL. SHORT PERIOD
	PSF FLOOR DEAD LOAD	0.02	S1 MAPPED SPECTRAL ACCEL. 1-SEC. PERIOD
5.0	PSF COLLATERAL LOAD	1.600	Fa ACCELERATION-BASED SITE COEFFICIENT
20.00	PSF ROOF LIVE LOAD	2.400	Fv VELOCITY-BASED SITE COEFFICIENT
	PSF FLOOR LIVE LOAD	0.06	Sds 5% DAMPED SPECTRAL ACCEL. SHORT PERIOD
Yes	LIVE LOAD REDUCTION	0.03	Sd1 5% DAMPED SPECTRAL ACCEL. 1-SEC. PERIOD
0.00	PSF FLAT ROOF SNOW LOAD	A	SEISMIC DESIGN CATEGORY
0.00	PSF GROUND SNOW LOAD	3.00	RESPONSE MODIFICATION FACTOR FOR RFRAME
1.00	Ce SNOW LOAD EXP. FACTOR	3.00	RESPONSE MODIFICATION FACTOR FOR RBRACE
1.00	Ct SNOW THERMAL FACTOR	0.0210	RESPONSE COEFFICIENTS FOR Ca FRAME
148	MPH WIND SPEED V <sub>ult</sub>	0.0210	RESPONSE COEFFICIENTS FOR Ca BRACE
115	MPH WIND SPEED V <sub>oad</sub>	2.04	KIPS TOTAL TRANSVERSE BASE SHEAR. V
C	WIND EXPOSURE	1.88	KIPS TOTAL LONGITUDINAL BASE SHEAR. V
0.18	INT. PRESSURE COEFF.		STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC TRANSVERSE STRUCTURAL SYSTEM
	IMPORTANCE FACTORS:		STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC LONGITUDINAL STRUCTURAL SYSTEMS
1.00	WIND LOAD (I <sub>w</sub> )		EQUIVALENT LATERAL FORCE ANALYSIS PROCEDURE
1.00	SEISMIC LOAD (I <sub>e</sub> )		DEFLECTION LIMITS:
1.00	SNOW LOAD (I <sub>s</sub> )	H / 360	RIGID FRAME DRIFT
		L / 360	WALL GIRT

This letter of certification applies solely to the above referenced project and its components as furnished by Horizon Structural Systems, Inc. Items specifically not covered by this letter of certification include, but are not limited to, any foundation design, masonry design, or general contract work.

The design of the overhead door(s) is excluded from this certification. However, it is assumed in the design, with respect to building porosity, that the door(s) have been designed by the manufacturer to accommodate building wind loads and therefore the building is enclosed.

The certification covers the static and dynamic forces acting on this project and its components as stipulated in the order documentation; however, Horizon Structural Systems, Inc. does not certify that the building code or loads specified in the order documentation are adequate or appropriate for the intended use or location of the project.

Primary framing, secondary framing, screw-down sheeting, and standing seam roof panels are manufactured at the Horizon Structural Systems, Inc. facility at 3950 Hwy 46 West In New Braunfels, Texas.

### BUILDING SPECIFICATIONS

The manufacturer is not responsible for the concrete foundation design. The structure under this contract has been designed and detailed for the loads and conditions stipulated in the contract and shown on these drawings. Any alterations to the structural system or removal of any component part, or the addition of the construction materials or loads must be done under the advice and or direction of a registered architect, civil or structural engineer. The manufacture will assume no responsibility for any loads not indicated.

This manufactured building is designed with the manufacture's standard design practices which are based on pertinent procedures and recommendations of the following organizations and codes:

- American Institute of Steel Construction "Specification for design, fabrication and erection of structural steel for buildings" 15th edition.
- American Iron and Steel Institute "Specification for the design of cold formed steel structural members" 2016 edition.
- American Welding Society "Structural Welding Code" AWS D1.1-15 Chapter 3 relating to pre-qualified complete joint penetration groove welds and chapter 2 relation to weld design.
- Metal Building Manufacturers Association "Specification for the design fabrication and erection of the structural system" most current edition.

Material properties of steel plate, bar, strip, and sheet used in fabrication of primary rigid frames and all primary structural framing members (other than cold-formed sections) conform to ASTM A529, A572, or A1011 with minimum yield point of 55 KSI.

Material properties of cold-formed light gauge steel members conform to ASTM A1011 HSLAS 55 Class 1, A1011 SS 55, or ASTM A653 SS 55 or HSLAS 55

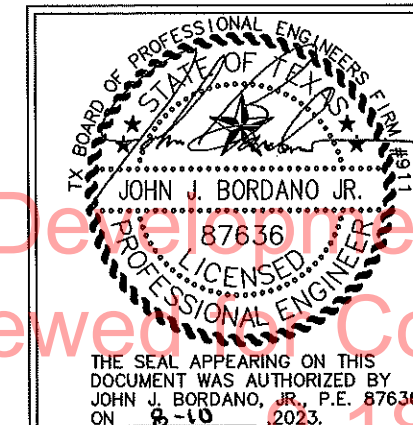
The proper tightening and inspection of all fasteners is the responsibility of the Erector. All high strength (A325, A490) bolts and nuts must be tightened by the "Snug Tight" method unless otherwise specified by the End Customer in the Contract Documents, or as allowed by the provisions below. Inspection of high strength bolt and nut installation by other than the Erector must also be specified in the Contract Documents and the Erector is responsible for ensuring that the installation and inspection procedures are compatible prior to the start of erection. (MBMA '96 IV 6.9)

High strength bolts and there installation shall conform to ASTM specification F3125 (previously A325) and are designed as bearing type connections with threads included in the shear plane.

All primary structural members except bolts and fasteners shall receive one coat of Iron Oxide inhibitive primer. Shop and field inspections and associated fees are the responsibility of the contractor, unless stipulated otherwise.

#### These Drawings are for:

- Construction
- Not for Construction
- Permit Only
- Approval
- Other :



**Horizon Structural Systems, Inc.**  
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PHONE (830) 629-8000, FAX (830) 629-2611

<b>BUILDER:</b> WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems AC 472
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 4:12	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATAGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> DC1

Developer Services  
Reviewed Code Compliance  
5-18-23

**CONTRACTOR RESPONSIBILITIES**

The Contractor must secure all required approvals & permits from the appropriate agency as required. Approval of the manufacturer's drawings and calculations indicate that the manufacturer has correctly interpreted and applied the requirements of the contract drawings and specifications.

Where discrepancies exist between the manufacturer's structural steel plans and the plans for the other trades, the structural steel plans shall govern. (Sec 3.3 AISC Code of standard Practice, 15th Edition)

Design considerations of any materials in the structure which are not furnished by the manufacturer, are the responsibility of the contractor and engineers other than the the manufacture's engineering, unless specifically indicated. The contractor is responsible for all erection of steel and associated work in compliance with the manufacture's "For Construction" drawings.

Temporary supports such as guys, braces, flashwork and/or other elements required for the erection will be determined, furnished and installed by the erector. (Sec., 7.10.3 AISC Code of Standard Practice, 15th Edition)

It is the contractors exclusive responsibility to apply and/or observe all pertinent safety rules and regulations, as per OSHA standards as applicable.

The CONTRACTOR is responsible for the verification of All shipments received.

Any "external" damage or shortages must be noted on all copies of the bill of lading and one copy is to be retained for your records. failure to do so will make it impossible for the shop to honor any claim.

The Engineers Seal only applies to the materials supplied by Horizon Structural Systems, Inc. and is note intended as the seal of the Engineer of Record for the entire project.

NO EXCEPTIONS.

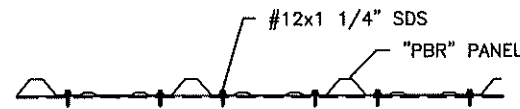
**PANEL PROPERTIES**

Material properties for roof and wall panels 24 gauge conforms to the ASTM A792 grade 50 Class 1 or 2.  
 Material properties for roof and wall panels 26 gauge conforms to the ASTM A792 grade 80 Class 1 or 2.  
 Coating properties for roof and wall panels 24 ga. and 26 ga. is AZ55 for Galvalume and AZ50 plus paint for the painted panels.

**BUILDING COLOR CHART**

<b>ROOF PANELS:</b>	TYPE: PC16	COLOR: Polar White	MATERIAL: 24
<b>WALL PANELS:</b>	TYPE: PR	COLOR: Galvalume	MATERIAL: 26
<b>WALL PANELS (A):</b>	TYPE: PR	COLOR: NEED COLOR	MATERIAL: 26
<b>WALL PANELS (B):</b>	TYPE: PD	COLOR: Galvalume	MATERIAL: 26
<b>SOFFIT PANELS (X):</b>	TYPE: HL12	COLOR: NEED COLOR	MATERIAL: 26
<b>LINER PANELS:</b>	TYPE:	COLOR:	MATERIAL:
<b>TRIM INFORMATION</b>			
<b>RAKE TRIM:</b>	TYPE: STD	COLOR: NEED COLOR	MATERIAL:
<b>GUTTER TRIM:</b>	TYPE: STD	COLOR: NEED COLOR	MATERIAL:
<b>EAVE TRIM:</b>	TYPE: STD	COLOR: NEED COLOR	MATERIAL:
<b>CORNER TRIM:</b>	TYPE: STD	COLOR: NEED COLOR	MATERIAL:
<b>DOOR TRIM:</b>	TYPE: STD	COLOR: NEED COLOR	MATERIAL:
<b>DOWNSPOUTS:</b>	TYPE: STD	COLOR: NEED COLOR	MATERIAL:
<b>SOFFIT TRIM:</b>	TYPE:	COLOR:	MATERIAL:
<b>FASCIA TRIM:</b>	TYPE:	COLOR:	MATERIAL:
<b>SPECIAL NOTES:</b>			
BASE CHANNEL			
LONG LIFE FASTENERS ROOF & WALLS			

**"PBR" PANEL ATTACHMENT**



**PANEL TO STEEL FASTENING LAYOUT**  
 USE 6~#12x1 1/4" SDS AT THE FOLLOWING LOCATIONS  
 ROOF PANELS - AT EAVE, PEAK, AND AT INTERMEDIATE LAPS  
 WALL PANELS - AT BASE, EAVE, AND AT INTERMEDIATE LAPS

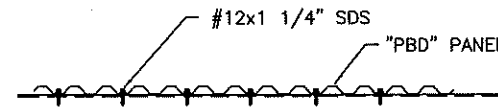


**PANEL TO STEEL FASTENING LAYOUT**  
 USE 3~#12x1 1/4" SDS AT THE FOLLOWING LOCATIONS  
 ROOF PANELS - AT PURLINS  
 WALL PANELS - AT GIRTS

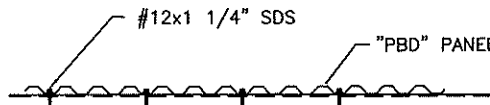


**PANEL TO PANEL FASTENING LAYOUT**  
 USE #14x7/8" LAP TEK AT 1'-6" O.C.  
 FOR ROOF PANELS LAPS AND WALL PANEL LAPS.

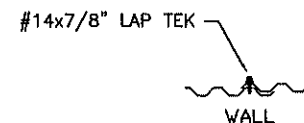
**"PBD" PANEL ATTACHMENT**



**PANEL TO STEEL FASTENING LAYOUT**  
 USE 6~#12x1 1/4" SDS AT THE FOLLOWING LOCATIONS  
 ROOF PANELS - AT EAVE, PEAK, AND AT INTERMEDIATE LAPS  
 WALL PANELS - AT BASE, EAVE, AND AT INTERMEDIATE LAPS

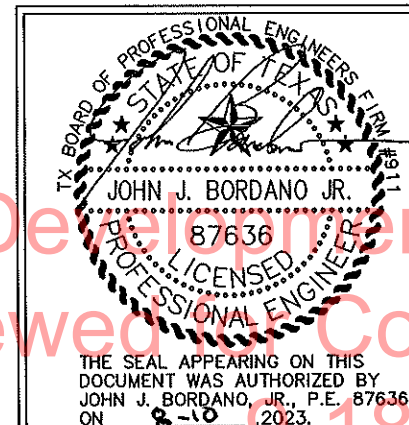


**PANEL TO STEEL FASTENING LAYOUT**  
 USE 4~#12x1 1/4" SDS AT THE FOLLOWING LOCATIONS  
 ROOF PANELS - AT PURLINS  
 WALL PANELS - AT GIRTS



**PANEL TO PANEL FASTENING LAYOUT**  
 USE #14x7/8" LAP TEK AT 1'-6" O.C.  
 FOR WALL PANELS LAPS.

BUILDING PANEL PROFILES	
ROOF PANEL PROFILES	WALL PANEL PROFILES
<input type="checkbox"/> "TS-324 TRIPLE-LOK" <input type="checkbox"/> "PBR" PANEL <input checked="" type="checkbox"/> PANEL CRAFT 16 (PC-16)	<input checked="" type="checkbox"/> "PBR" PANEL <input checked="" type="checkbox"/> "PBD" PANEL <input type="checkbox"/> NONE
LINER PANEL PROFILE	SOFFIT PANEL PROFILE
<input type="checkbox"/> "PBR" PANEL <input checked="" type="checkbox"/> "PBU" PANEL <input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> HL-12 <input type="checkbox"/> "PBU" PANEL <input type="checkbox"/> NONE

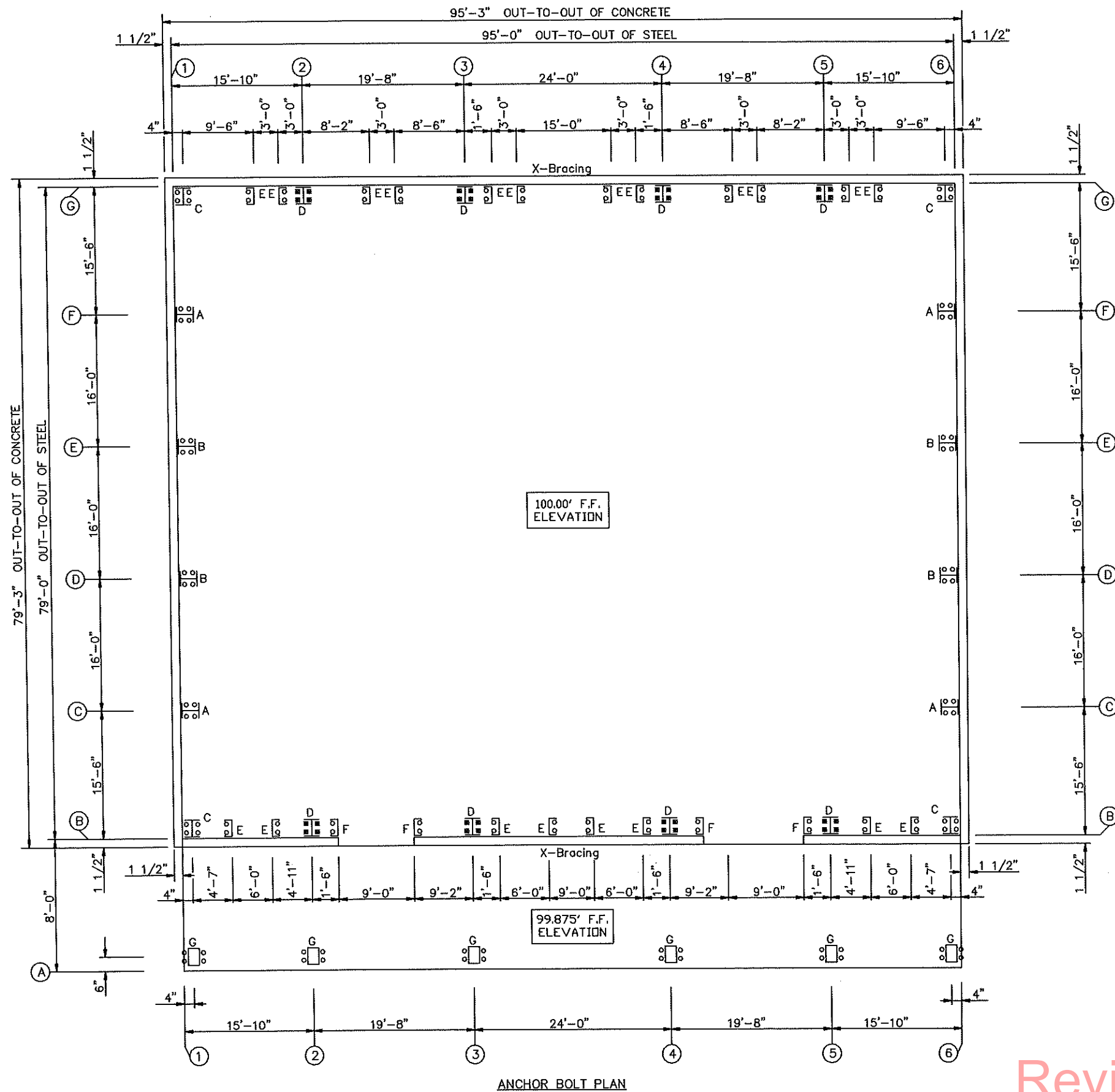


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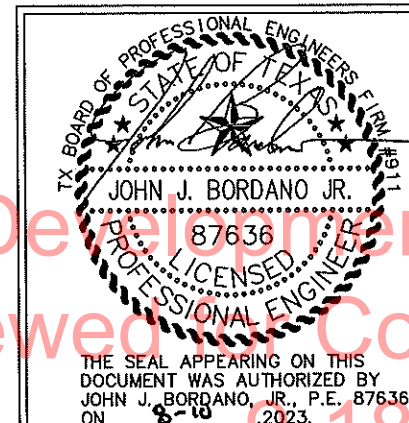
<b>BUILDER:</b> WESTERN STEEL	<b>IAS ACCREDITED</b> Metal Building Systems AG 412
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 4:12	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATAGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> DC2

Developed in Compliance with Building Code  
 Reviewed by Code Compliance  
 5-18-23





ANCHOR BOLT PLAN

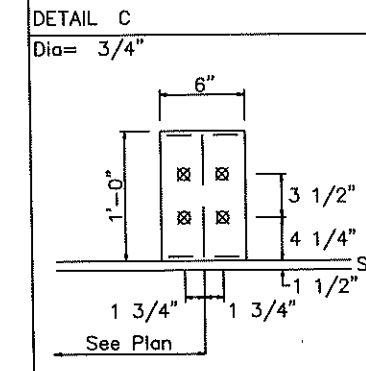
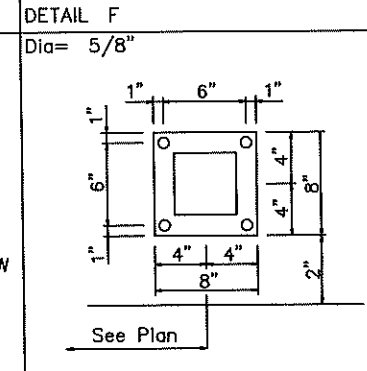
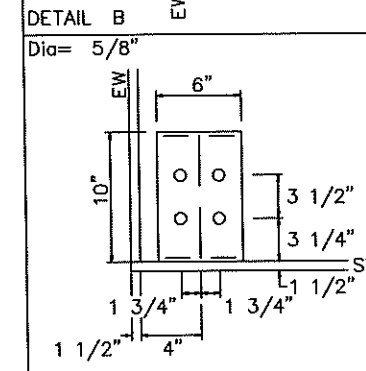
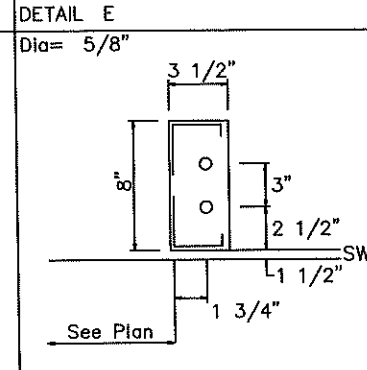
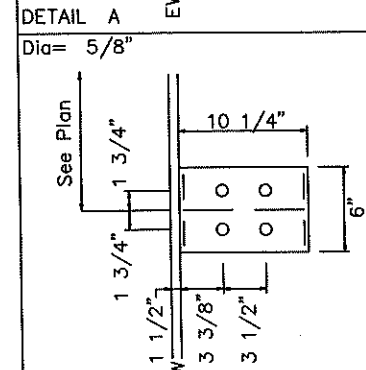
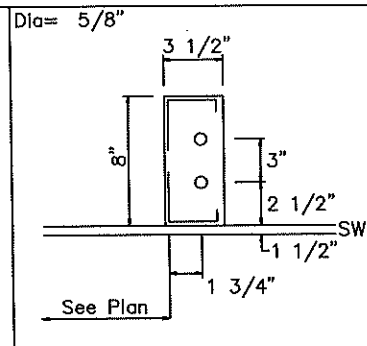
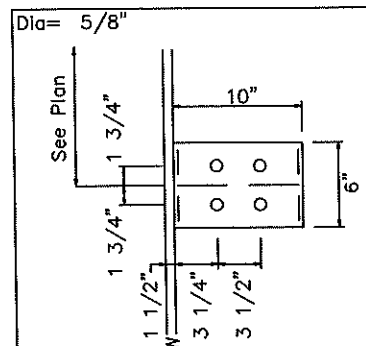


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JOHN J. BORDANO, JR., P.E. 87636 ON 8-10-2023.

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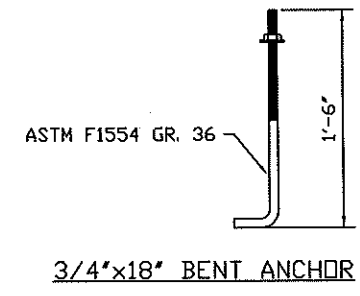
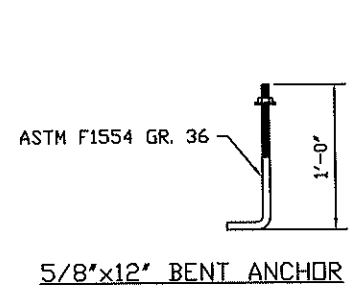
<b>BUILDER:</b> WESTERN STEEL	<b>IAS ACCREDITED</b> Metal Building Systems AC 412
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 4:12	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATAGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> AB1

Development Services  
 Reviewed & Code Compliant  
 5-18-23



**ABBREVIATION LEGEND**

- E.D.C. = EDGE OF CONCRETE
- E.D.F. = EDGE OF FLANGE
- E.D.M. = EDGE OF MASONRY
- SL = STEEL LINE
- CL = CENTER LINE
- F.F. = FINISHED FLOOR
- A.F.F. = ABOVE FINISHED FLOOR
- B.F.F. = BELOW FINISHED FLOOR



**NOTES FOR REACTIONS**

Building reactions are based on the following building data:

- Width (ft) = 79.0
- Length (ft) = 95.0
- Eave Height (ft) = 12.0/ 12.0
- Roof Slope (rise/12) = 4.0/ 4.0
- Dead Load (psf) = 3.0
- Collateral Load (psf) = 5.0
- Roof Live Load (psf) = 20.0
- Frame Live Load (psf) = 12.0
- Wind Speed (mph) = 148.0
- Wind Code = IBC 18
- Exposure = C
- Closed/Open = C
- Importance Wind = 1.00
- Importance Seismic = 1.25
- Seismic Zone = A
- Seismic Coeff (Fa\*Ss) = 0.09

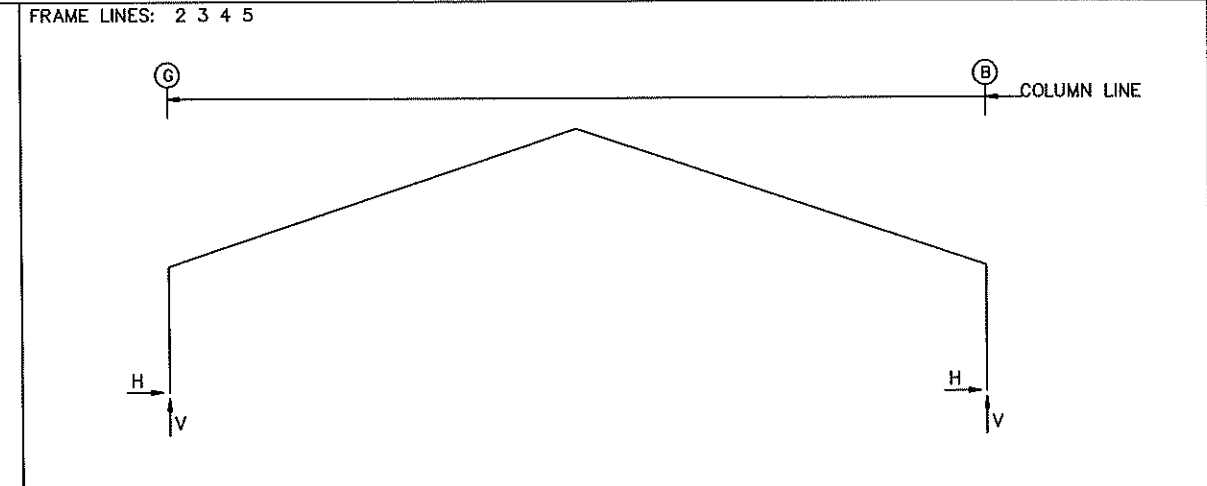
ID Description

- 1 Dead+Collateral+Live
- 2 0.6Dead+0.6Wind\_Left1
- 3 0.6Dead+0.6Wind\_Right1
- 4 0.6Dead+0.6Wind\_Long1L
- 5 0.6Dead+0.6Wind\_Long2L
- 6 0.6Dead+0.6Wind\_Suction+0.6Wind\_Long1L
- 7 0.6Dead+0.6Wind\_Pressure+0.6Wind\_Long1L
- 8 0.6Dead+0.6Wind\_Suction+0.6Wind\_Long2L
- 9 0.6Dead+0.6Wind\_Pressure+0.6Wind\_Long2L
- 10 0.6Dead+0.6Wind\_Right1+0.6Wind\_Suction
- 11 0.6Dead+0.6Wind\_Pressure
- 12 Dead+Collateral+0.75Live+0.45Wind\_Suction

**ENDWALL COLUMN REACTIONS(k)**

Frame Line	Col Line	Max Horz	Max +Vert	Max -Vert	Horz	Vert	Load Id
1	D	4.5	5.5	-5.9	0.0	-3.8	(8)
1	C	4.5	5.5	-5.9	0.0	-3.8	(1)
1	C	4.5	5.5	-5.9	3.2	-3.8	(8)

(1) Dead+Collateral+Live  
(8) 0.6Dead+0.6Wind\_Suction+0.6Wind\_Long2L



**RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES**

Frm Line	Col Line	Column_Reactions(k)						Bolt Qty	Bolt Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
2*	G	1	15.8	19.0	2	-13.3	-15.1	4	0.750	6.000	12.00	0.625	0.0
2*	B	3	12.4	-17.7	1	-15.8	21.5	4	0.750	6.000	12.00	0.625	0.0
2*		1	-15.8	21.5	5	6.3	-17.8						

2\* Frame lines: 2 3 4 5

**RIGID FRAME: BASIC COLUMN REACTIONS (k)**

Frame Line	Column Line	Dead		Collateral		Live		Wind_Left1		Wind_Right1		Wind_Left2	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	G	3.2	4.1	3.8	4.5	8.7	10.3	-25.4	-29.3	-14.2	-24.1	-17.7	-16.2
2*	B	-3.2	4.4	-3.8	5.0	-8.7	12.1	13.3	-25.5	24.0	-33.9	5.7	-12.4

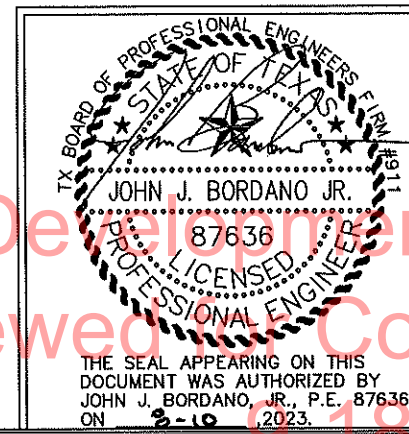
Frame Line	Column Line	Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right		Seismic_Long	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	G	-6.6	-11.0	-13.8	-32.9	-17.7	-28.8	-0.5	-0.1	0.5	0.1	0.0	-1.2
2*	B	16.3	-20.8	17.7	-29.9	13.8	-34.0	-0.5	0.1	0.5	-0.1	0.0	-1.3

2\* Frame lines: 2 3 4 5

**BUILDING BRACING REACTIONS (UNFACTORED)**

Loc	Wall Line	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
			Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	1								(i)
F_SW	B	3,4	14.0	6.1	3.0	1.3			(i)
R_EW	6								
B_SW	G	4,3	11.4	5.0	2.6	1.2			

(i) Bracing in roof to rigid frame

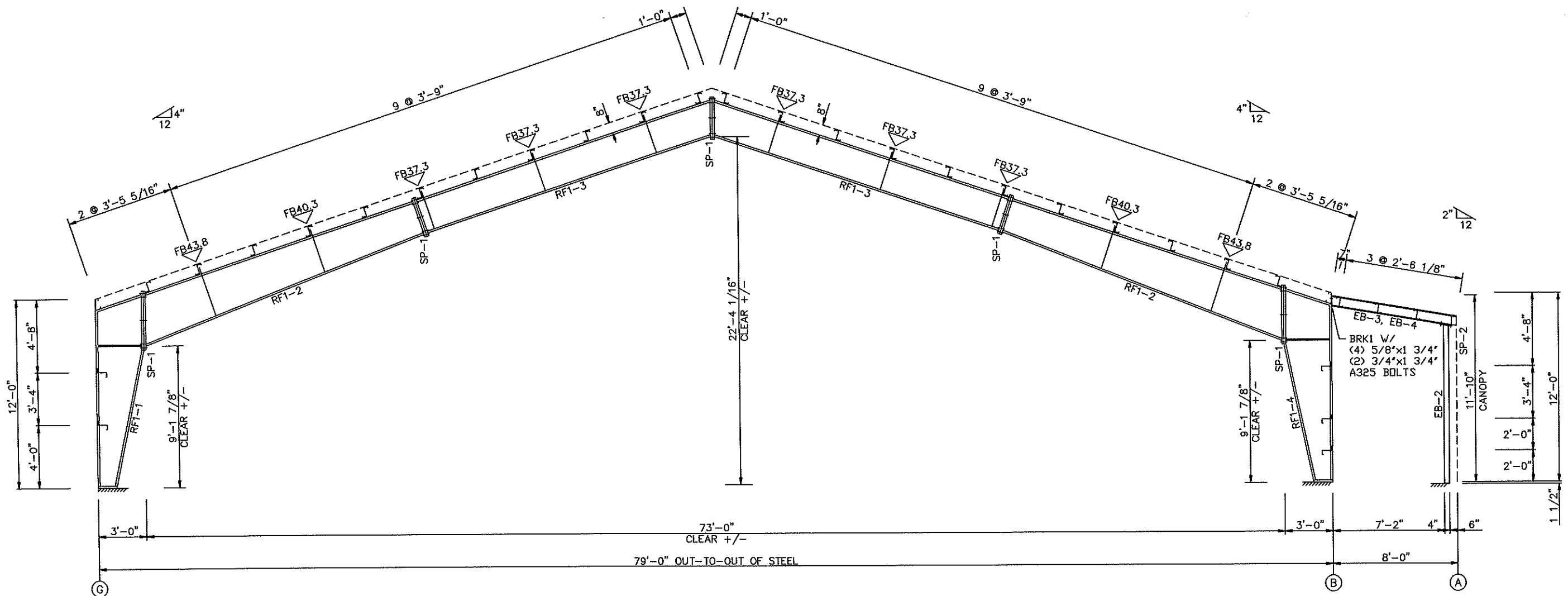


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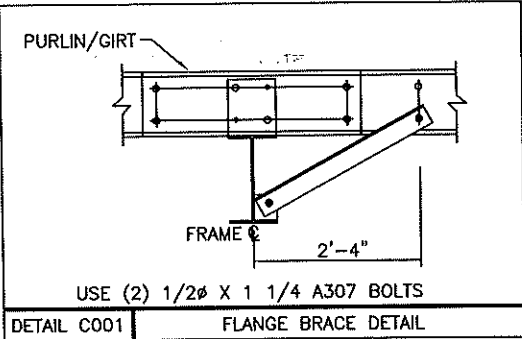
<b>BUILDER:</b> WESTERN STEEL	<b>IAS ACCREDITED</b> Metal Building Systems AC 412
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 4:12	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATAGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> AB2

Developed by Services  
Reviewed by Code Compliance  
9-18-23





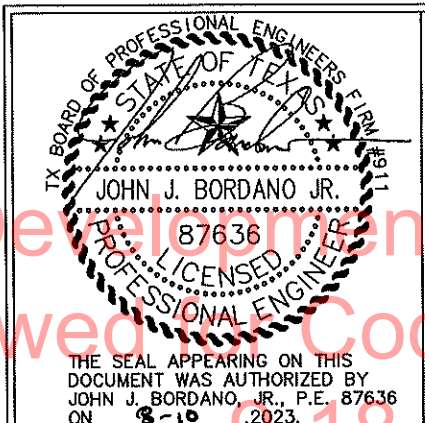
RIGID FRAME ELEVATION: FRAME LINE 2 3 4 5



MEMBER TABLE						
Mark	Weight	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	419	11.4/35.4	0.188	146.5	6 x 5/16" x 134.6 6 x 5/16" x 37.5	6 x 5/16" x 108.7
RF1-2	668	35.4/23.5	0.188	231.7	6 x 5/16" x 219.8	6 x 5/16" x 232.0
RF1-3	527	23.5/23.5	0.164	239.5	6 x 1/4" x 239.5	6 x 1/4" x 231.6
RF1-4	424	35.4/11.4	0.188	146.5	6 x 5/16" x 37.5 6 x 5/16" x 134.6	6 x 5/16" x 108.7
EB-3	99	W8X10				
EB-2	76	T4X4X2				
EB-4	99	W8X10				

SPLICE BOLT TABLE							
Mark	Qty	Top	Bot	Int	Type	Dia	Length
SP-1	4	4	2	0	A325	3/4"	2"
SP-2	2	2	0	0	A325	5/8"	1 1/2"

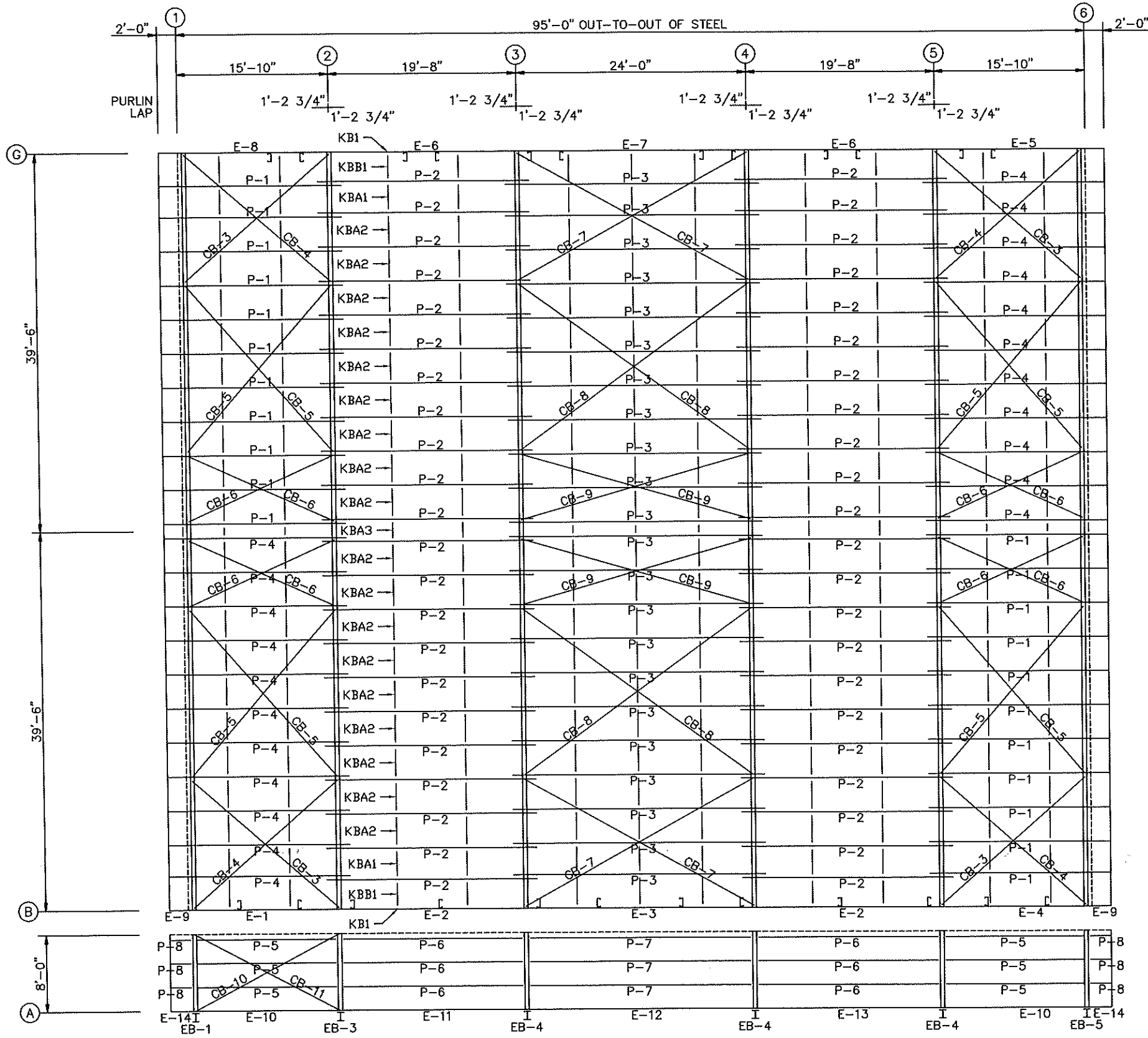
FLANGE BRACES: Both Sides(U.N.)  
 FBxxA(1): xx=length(in)  
 A - L2X2X14G



**Horizon Structural Systems, Inc.**  
 3950 HWY. 46 W. SUITE 200, NEW BRAUNFELS, TX 78132  
 PHONE (830) 629-8000, FAX (830) 629-2611

<b>BUILDER:</b> WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems AS 412
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 412	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATEGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> IF1

Development Services  
 Reviewed Code Compliance  
 9-18-23

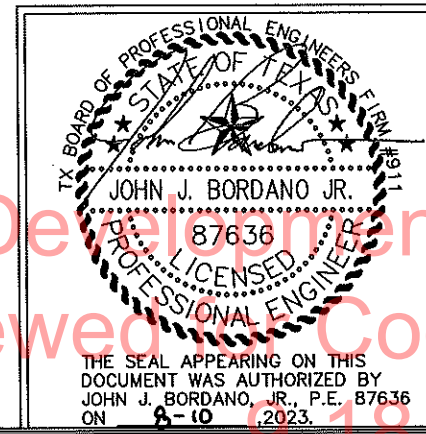
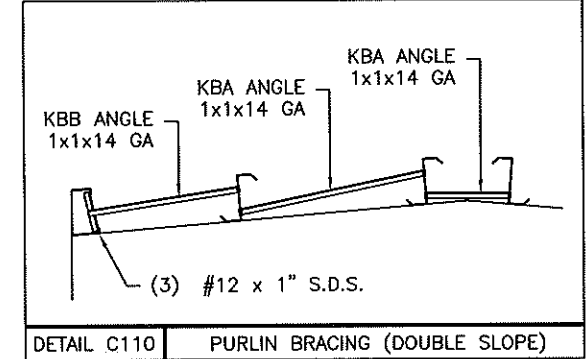


\* FIELD LOCATE SLOTS IN PURLIN FOR CABLE BRACING

ROOF FRAMING PLAN

MEMBER TABLE			
ROOF PLAN			
QUAN	MARK	PART	LENGTH
1	EB-1	W8X10	7'-9 11/16"
6	EB-2	T4X4X2	10'-1 3/16"
1	EB-3	W8X10	7'-10 11/16"
3	EB-4	W8X10	7'-10 11/16"
1	EB-5	W8X10	7'-9 11/16"
22	P-1	8X25Z16	19'-0 1/2"
44	P-2	8X25Z16	22'-1 1/2"
22	P-3	8X25Z16	26'-5 1/2"
22	P-4	8X25Z16	19'-0 1/2"
6	P-5	8X25Z16	14'-10"
6	P-6	8X25Z14	19'-0"
3	P-7	8X25Z12	23'-4"
6	P-8	8X25Z12	1'-8"
1	E-1	8ES12L4	17'-9 1/2"
2	E-2	8ES12L4	19'-7 1/2"
1	E-3	8ES12L4	23'-11 1/2"
1	E-4	8ES12L4	17'-9 1/2"
1	E-5	8ES12L4	17'-9 1/2"
2	E-6	8ES12L4	19'-7 1/2"
1	E-7	8ES12L4	23'-11 1/2"
1	E-8	8ES12L4	17'-9 1/2"
2	E-9	8ES12L4	1'-8"
2	E-10	8ES14L2	17'-5 3/4"
1	E-11	8ES14L2	19'-0"
1	E-12	8ES14L2	23'-4"
1	E-13	8ES14L2	19'-0"
2	E-14	8ES14L2	1'-8"
4	CB-3	1/4cab	18'-9"
4	CB-4	1/4cab	18'-4"
8	CB-5	1/4cab	21'-9"
8	CB-6	1/4cab	15'-1"
4	CB-7	1/4cab	25'-9"
4	CB-8	1/4cab	28'-0"
4	CB-9	1/4cab	23'-1"
1	CB-10	1/4cab	15'-0"
1	CB-11	1/4cab	15'-1"

BRIDGING SCHEDULE			
QTY.	PART MARK	LOCATION	LENGTH
22	KB1	@ EAVE LS	8'
22	KBB1	@ 3'-5 5/16' EAVE SP.	3'-5 3/8'
22	KBA1	@ 3'-5 5/16' PURLIN SP.	1'-6"
198	KBA2	@ 3'-9' PURLIN SP.	3'-7 3/4'
22	KBA3	@ PEAK PURLIN	1'-9 1/4'

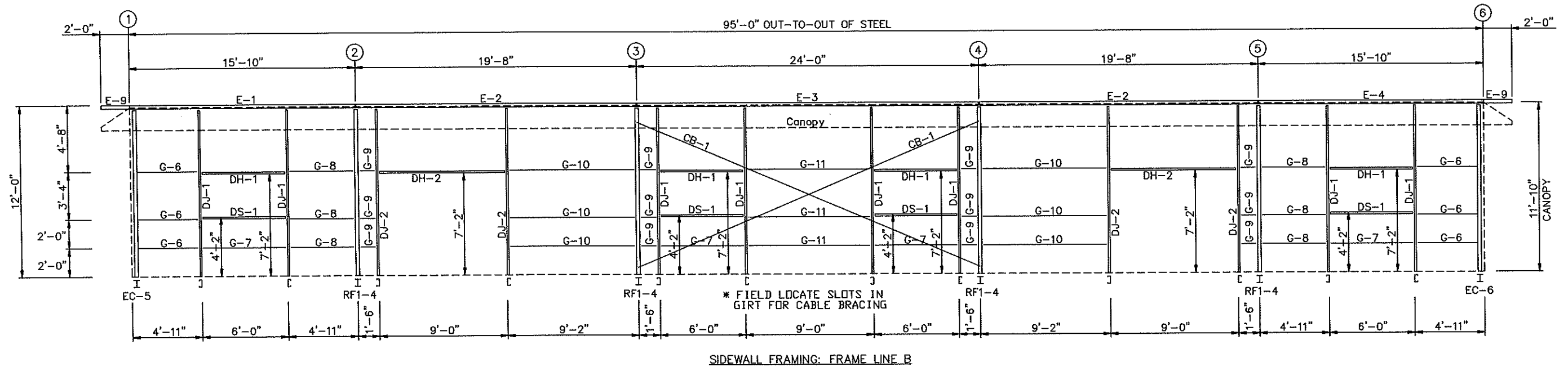


**Horizon Structural Systems, Inc.**  
 3950 HWY. 46 W. SUITE 200, NEW BRAUNFELS, TX 78132  
 PHONE (830) 629-8000, FAX (830) 629-2611

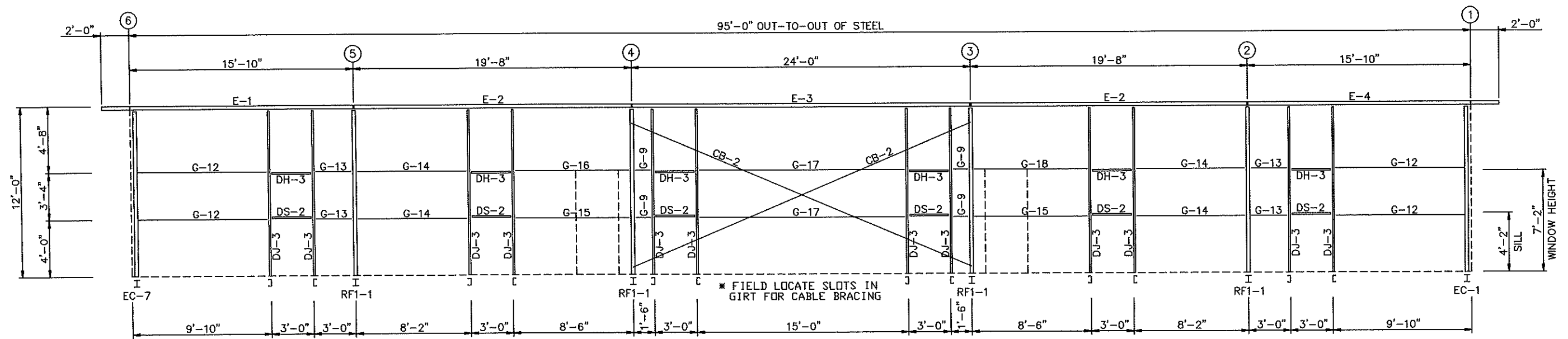
BUILDER: WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems AG 412
PROJECT: HUSAYN	
DESCRIPTION: 79'x95'x12' DS 4:12	REVISION:
CODE/LOADS: IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATEGORY II 5.0# COLLATERAL LOAD	ORDER NUMBER: 22307063
	DRAWING NUMBER: RS1

Development Services  
 Reviewed Code Compliance  
 9-18-23





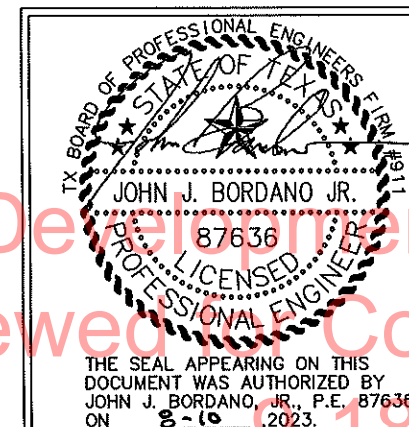
SIDEWALL FRAMING: FRAME LINE B



SIDEWALL FRAMING: FRAME LINE G

QUAN	MARK	PART	LENGTH
8	DJ-1	8X35C14	11'-3 1/4"
4	DJ-2	8X35C14	11'-3 1/4"
12	DJ-3	8X35C14	11'-3 1/4"
4	DH-1	8X35C14	5'-11 1/2"
2	DH-2	8X35C14	8'-11 1/2"
6	DH-3	8X35C14	2'-11 1/2"
4	DS-1	8X35C14	5'-11 1/2"
6	DS-2	8X35C14	2'-11 1/2"
1	E-1	8ES12L4	17'-9 1/2"
1	E-2	8ES12L4	19'-7 1/2"
1	E-3	8ES12L4	23'-11 1/2"
1	E-4	8ES12L4	17'-9 1/2"
1	E-5	8ES12L4	17'-9 1/2"
2	E-6	8ES12L4	19'-7 1/2"
1	E-7	8ES12L4	23'-11 1/2"
1	E-8	8ES12L4	17'-9 1/2"
2	E-9	8ES12L4	1'-8 1/2"

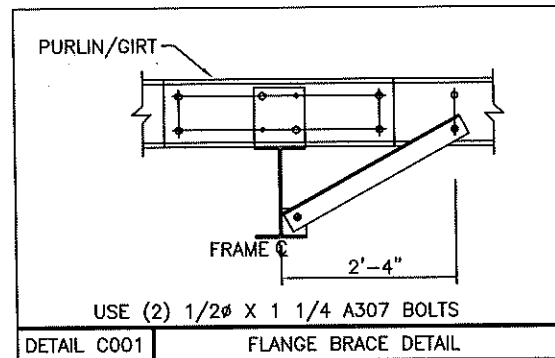
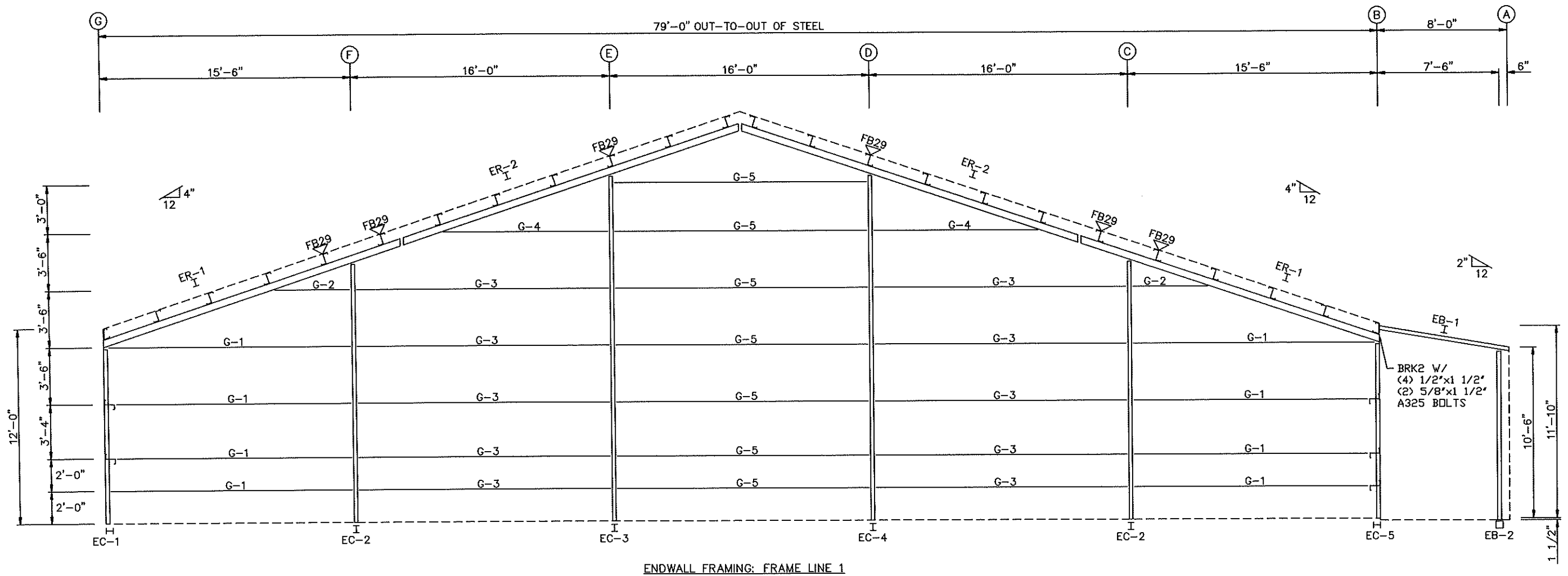
QUAN	MARK	PART	LENGTH
6	G-6	8X25Z16	3'-11"
4	G-7	8X25Z16	5'-11 1/2"
6	G-8	8X25Z16	4'-3"
16	G-9	8X25Z16	10"
6	G-10	8X25Z16	8'-6"
3	G-11	8X25Z16	8'-4"
4	G-12	8X25Z16	8'-10"
4	G-13	8X25Z16	2'-4"
4	G-14	8X25Z16	7'-6"
2	G-15	8X25Z16	7'-10"
1	G-16	8X25Z16	7'-10"
2	G-17	8X25Z16	14'-4"
1	G-18	8X25Z16	7'-10"
2	CB-1	0.75_ROD	25'-6"
2	CB-2	0.63_ROD	25'-6"



**Horizon Structural Systems, Inc.**  
 3050 HWY. 46 W. SUITE 200, NEW BRAUNFELS, TX 78132  
 PHONE (830) 629-8000, FAX (830) 629-2611

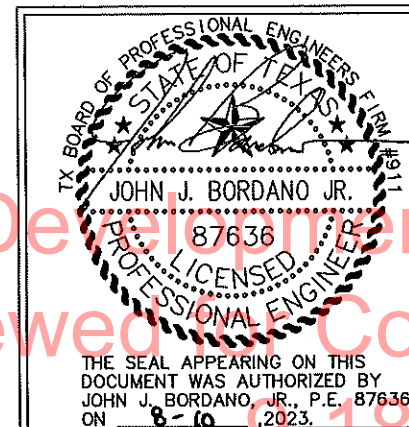
BUILDER: WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems AG 412
PROJECT: HUSAYN	
DESCRIPTION: 79'x95'x12' DS 4:12	REVISION:
CODE/LOADS: IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATEGORY II 5.0# COLLATERAL LOAD	ORDER NUMBER: 22307063
	DRAWING NUMBER: WS1

Development Services  
 Reviewed Code Compliance  
 9-18-23



BOLT TABLE FRAME LINE 1 & 6				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	1 3/4"
ER-2/ER-2	8	A325	5/8"	1 3/4"
Cor_Column/Raf	4	A325	5/8"	1 1/2"
Int_Column/Raf	2	A325	5/8"	1 1/2"

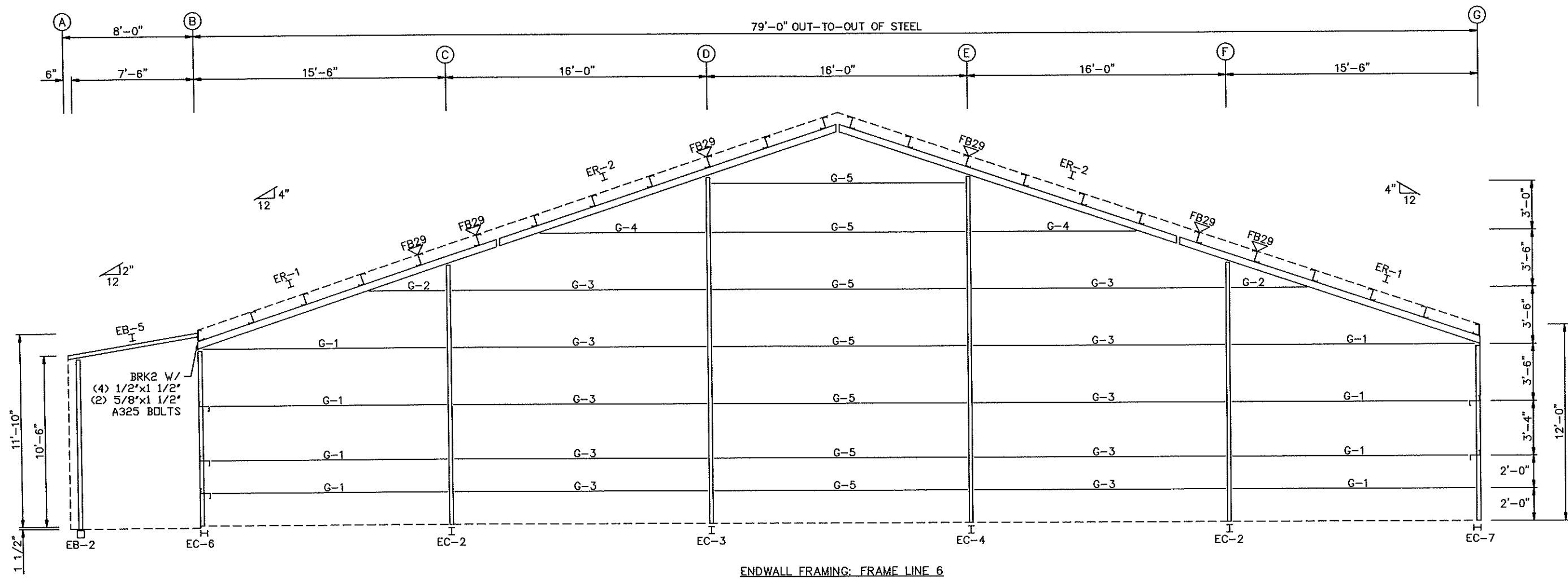
MEMBER TABLE FRAME LINE 1 & 6				
QUAN	MARK	PART	LENGTH	
1	EB-1	W8X10	7'-9 11/16"	
1	EB-2	T4X4X2	10'-1 3/16"	
1	EC-1	W10X12	10'-10 9/16"	
2	EC-2	W10X12	15'-9"	
1	EC-3	W10X19	21'-1"	
1	EC-4	W10X19	21'-1"	
1	EC-5	W10X12	10'-10 9/16"	
2	ER-1	W8X10	19'-9 3/8"	
2	ER-2	W8X10	22'-0 15/16"	
8	G-1	10X25Z16	14'-3 7/8"	
2	G-2	10X25Z16	3'-11 3/4"	
5	G-3	10X25Z16	15'-4"	
2	G-4	10X25Z16	9'-5 3/4"	
7	G-5	10X25Z14	15'-4"	



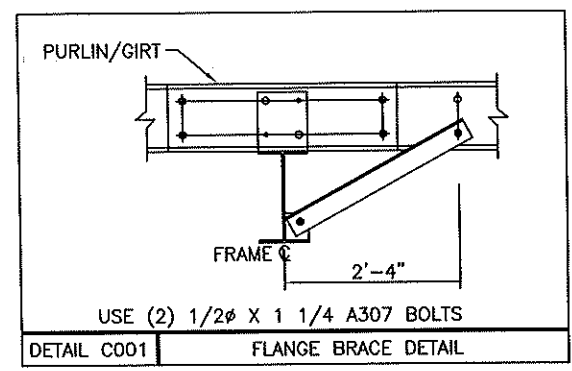
**Horizon Structural Systems, Inc.**  
 3950 HWY. 46 W. SUITE 200, NEW BRAUNFELS, TX 78132  
 PHONE (830) 629-8000, FAX (830) 629-2811

<b>BUILDER:</b> WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems AG 472
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 412	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATAGDRI II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> WS2





ENDWALL FRAMING: FRAME LINE 6

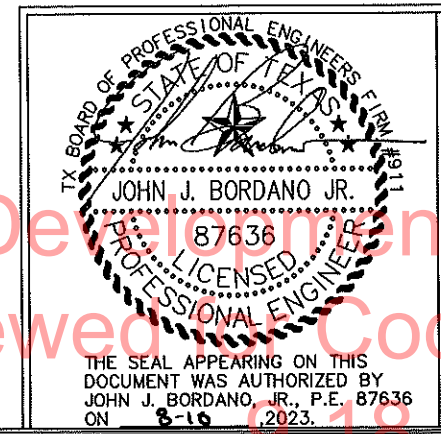


**BOLT TABLE**  
FRAME LINE 1 & 6

LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	1 3/4"
ER-2/ER-2	8	A325	5/8"	1 3/4"
Cor_Column/Raf	4	A325	5/8"	1 1/2"
Int_Column/Raf	2	A325	5/8"	1 1/2"

**MEMBER TABLE**  
FRAME LINE 1 & 6

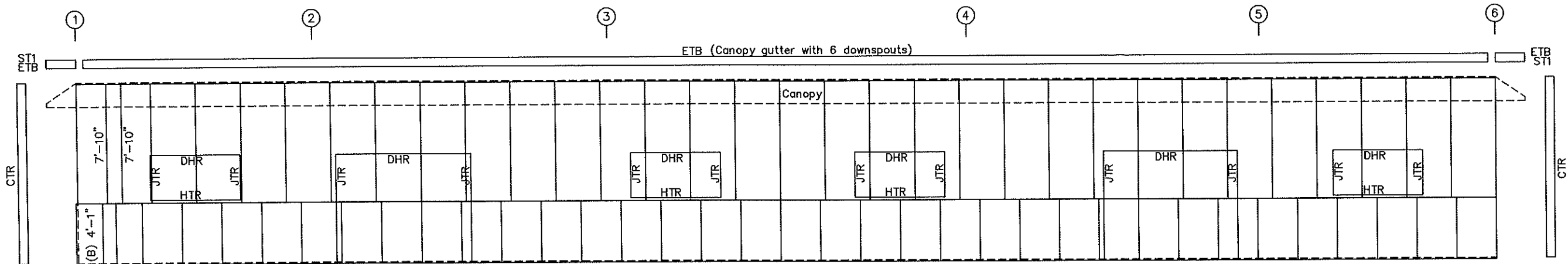
QUAN	MARK	PART	LENGTH
1	EB-2	T4X4X2	10'-1 3/16"
1	EB-5	W8X10	7'-9 11/16"
1	EC-1	W10X12	10'-10 9/16"
2	EC-2	W10X12	15'-9"
1	EC-3	W10X19	21'-1"
1	EC-4	W10X19	21'-1"
1	EC-6	W10X12	10'-10 9/16"
1	EC-7	W10X12	10'-10 9/16"
2	ER-1	W8X10	19'-9 3/8"
2	ER-2	W8X10	22'-0 15/16"
8	G-1	10X25Z16	14'-3 7/8"
2	G-2	10X25Z16	3'-11 3/4"
5	G-3	10X25Z16	15'-4"
2	G-4	10X25Z16	9'-5 3/4"
7	G-5	10X25Z14	15'-4"



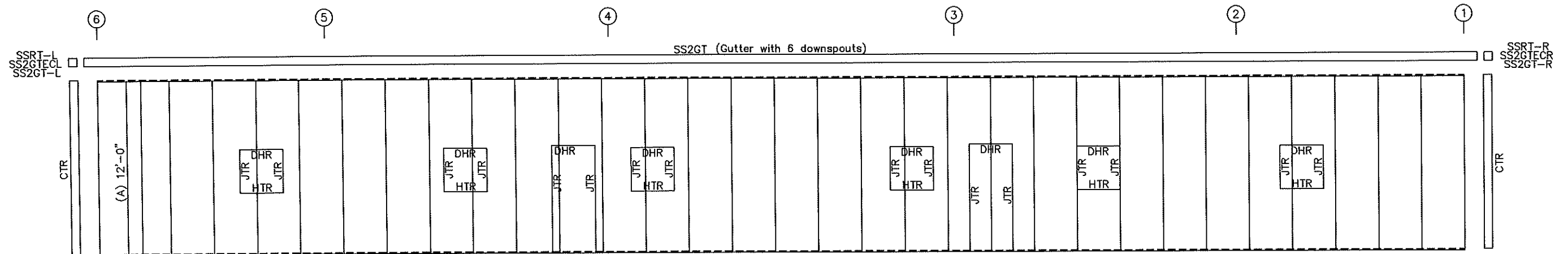
**Horizon Structural Systems, Inc.**  
3950 HWY. 46 W. SUITE 200, NEW DRAUNFELS, TX 76132  
PHONE (830) 629-8000, FAX (830) 629-2611

<b>BUILDER:</b> WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems AC 412
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 412	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATEGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> WS3

Development Services  
Reviewed & Coordinated  
9-18-23

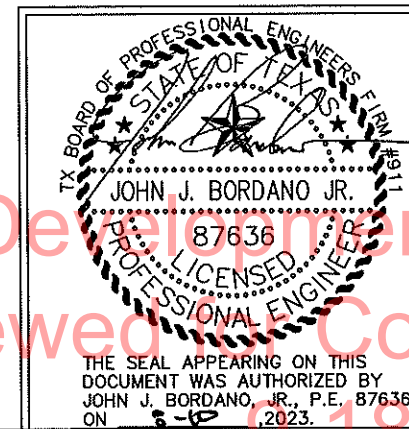


**SIDEWALL SHEETING & TRIM: FRAME LINE B**  
 PANELS: 26 Ga. PR - Galvalume  
 (B) PANELS: 26 Ga. PD - Galvalume



**SIDEWALL SHEETING & TRIM: FRAME LINE G**  
 (A) PANELS: 26 Ga. PR - NEED COLOR

**FASTENER NOTES:**  
 P-S FASTENERS USE #12 X 1 1/4" S.D.S.  
 6" O.C. AT BASE AND EAVE  
 12" O.C. AT GIRTS  
 P-P FASTENERS USE #14 X 7/8" LAP TEK  
 18" O.C. AT SIDE LAPS

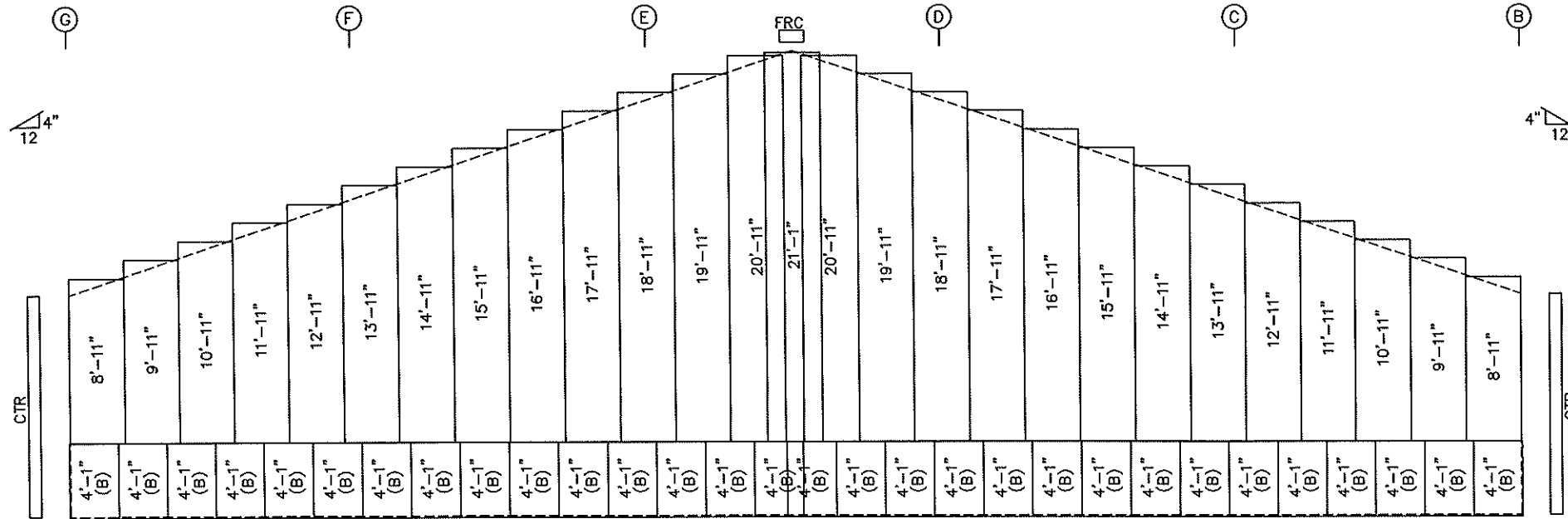


**Horizon Structural Systems, Inc.**  
 3060 HWY. 40 W. SUITE 200, NEW BRAUNFELS, TX 78132  
 PHONE (830) 629-8000, FAX (830) 629-2811

<b>BUILDER:</b> WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems AC 472
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 412	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATAGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> WP1

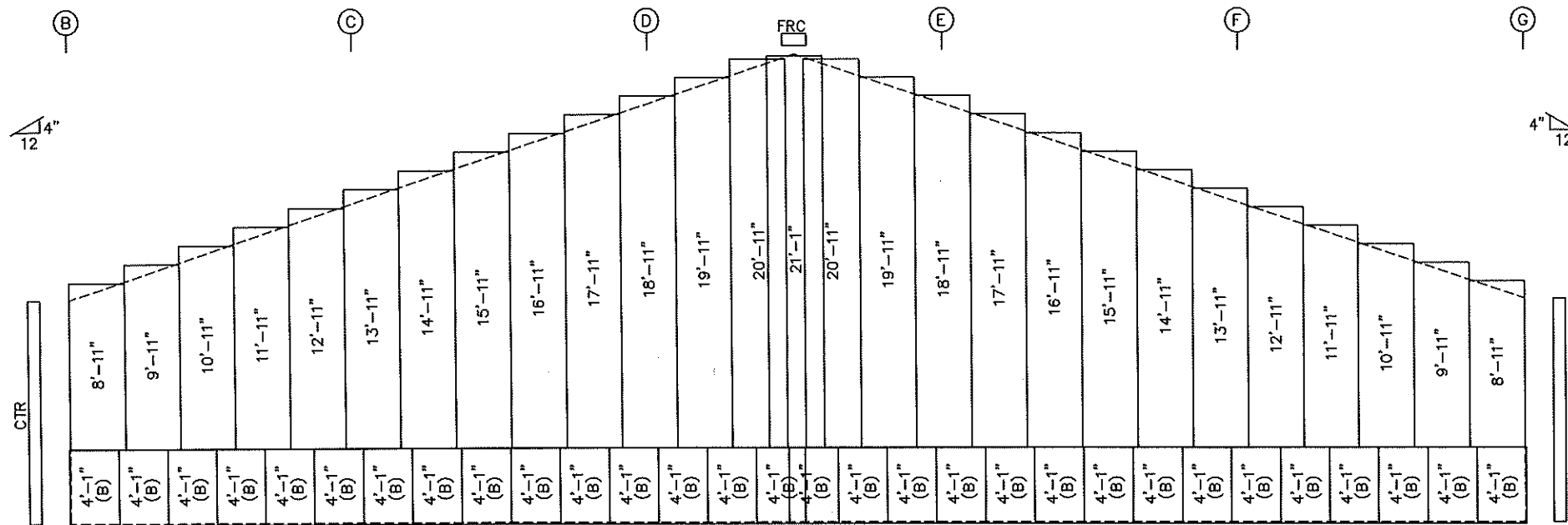
Development Services  
 Reviewed Code Compliance  
 9-18-23



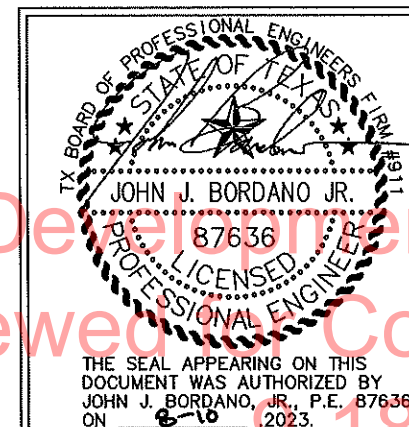


ENDWALL SHEETING & TRIM: FRAME LINE 1  
 PANELS: 26 Ga. PR - Galvalume  
 (B) PANELS: 26 Ga. PD - Galvalume

FASTENER NOTES:  
 P-S FASTENERS USE #12 X 1 1/4" S.D.S.  
 6" O.C. AT BASE AND EAVE  
 12" O.C. AT GIRTS  
 P-P FASTENERS USE #14 X 7/8" LAP TEK  
 18" O.C. AT SIDE LAPS



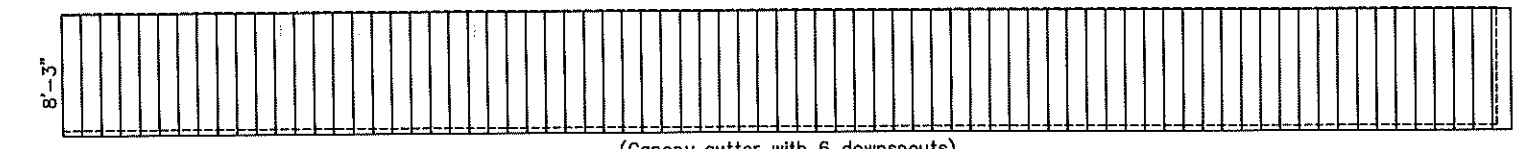
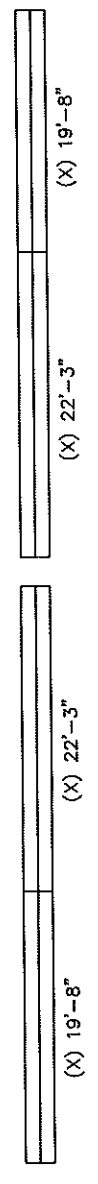
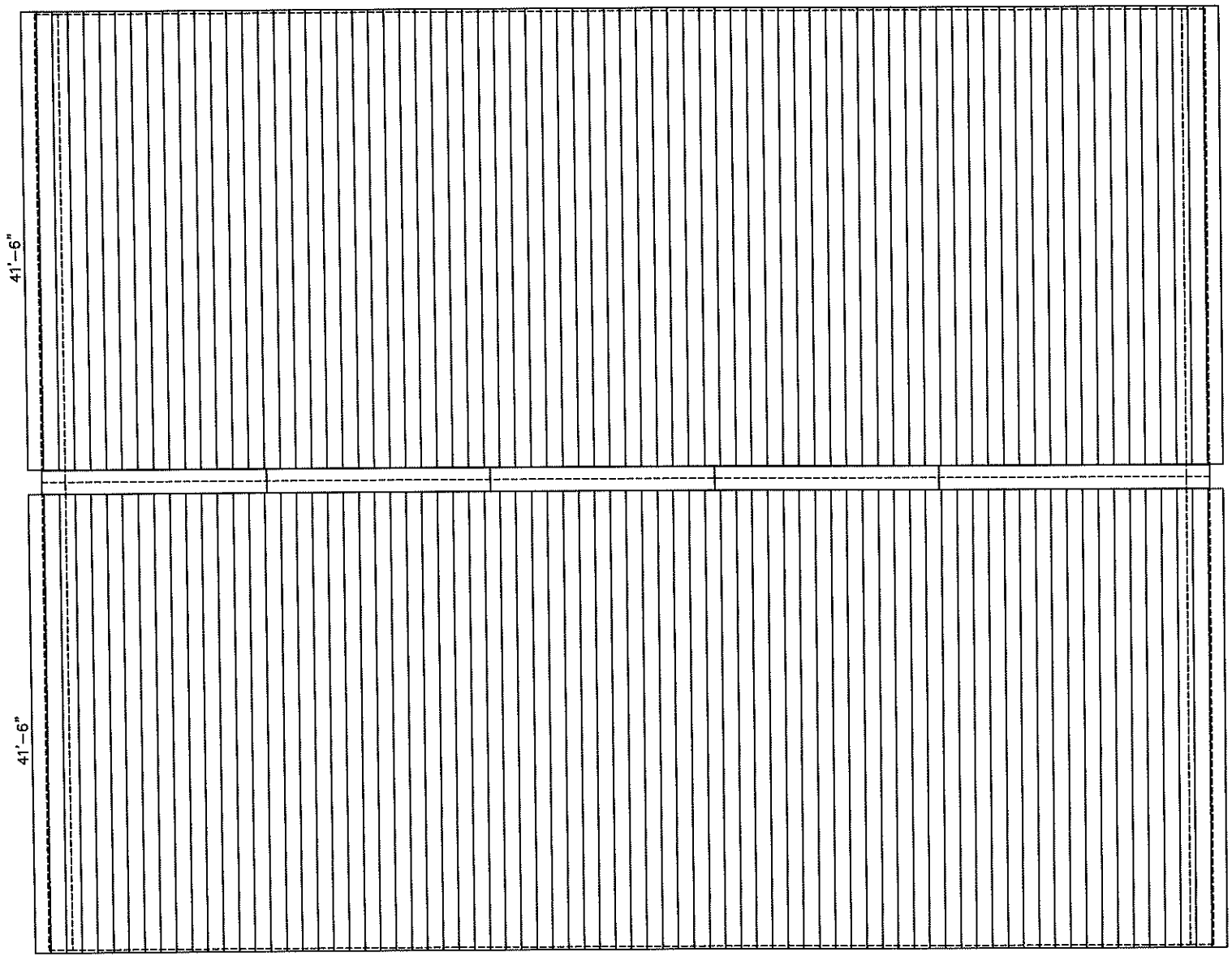
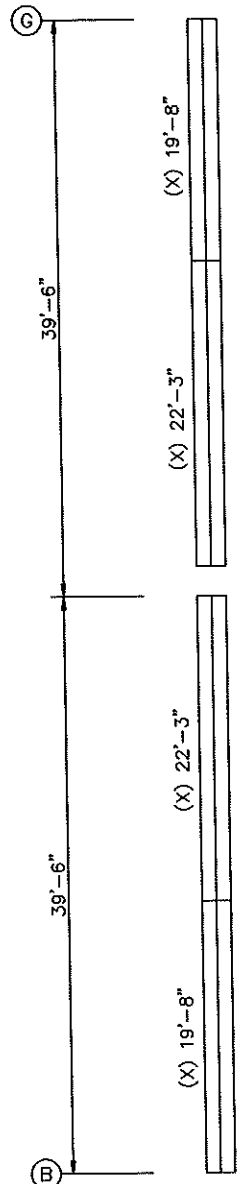
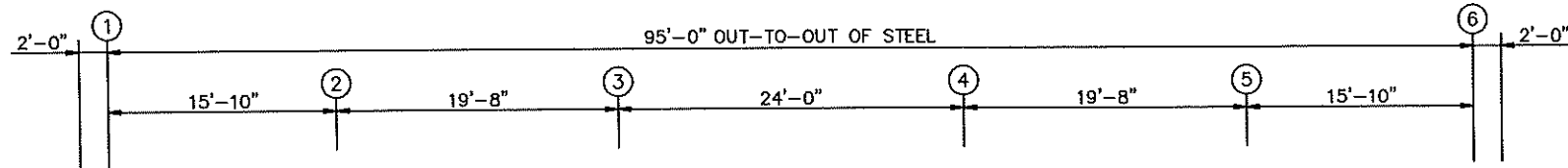
ENDWALL SHEETING & TRIM: FRAME LINE 6  
 PANELS: 26 Ga. PR - Galvalume  
 (B) PANELS: 26 Ga. PD - Galvalume



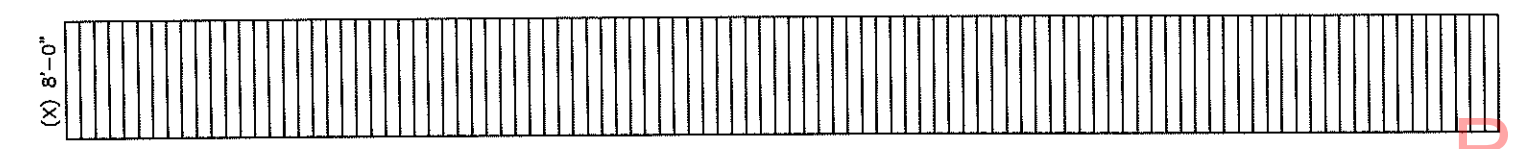
**Horizon Structural Systems, Inc.**  
 3960 HWY. 46 W. SUITE 200, NEW BRAUNFELS, TX 78132  
 PHONE (830) 629-8000, FAX (830) 629-2611

<b>BUILDER:</b> WESTERN STEEL	<b>IAS</b> ACCREDITED Metal Building Systems #C-412
<b>PROJECT:</b> HUSAYN	
<b>DESCRIPTION:</b> 79'x95'x12' DS 412	<b>REVISION:</b>
<b>CODE/LOADS:</b> IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATEGORY II 5.0# COLLATERAL LOAD	<b>ORDER NUMBER:</b> 22307063
	<b>DRAWING NUMBER:</b> WP2

Developed by Services  
 Reviewed by Code Compliance  
 9-18-23



(Canopy gutter with 6 downspouts)



**ROOF SHEETING PLAN**  
 PANELS: 24 Ga. PC16 - Polar White  
 (X) SOFFIT PANELS: 26 Ga. HL12 - NEED COLOR

	<b>Horizon Structural Systems, Inc.</b> 3950 HWY. 48 W. SUITE 200, NEW BRAUNFELS, TX 78132 PHONE (830) 629-8000, FAX (830) 629-2811	
	BUILDER: WESTERN STEEL	
PROJECT: HUSAYN	REVISION:	
DESCRIPTION: 79'x95'x12' DS 4:12	ORDER NUMBER: 22307063	
CODE/LOADS: IBC 2018, 148 MPH, EXP. C 12/20 LIVE LOAD RISK CATEGORY II 5.0# COLLATERAL LOAD	DRAWING NUMBER: RS1	

Development Services  
 Reviewed for Code Compliance  
 5-18-23





Application for Certificate of Compliance Form WPI-1

App ID:2340830

Physical Address of Structure to be Inspected

6214 SARATOGA BOULEVARD

Tract/Addition: Lot: Block:

City: Corpus Christi

ZIP: 78411

County: Nueces

City Limits: Inside City Limits

Structure is located in:

Is the structure located in a Coastal Barrier Resource Zone (CBRA): No

Owner

Name: Mailing Address:

Phone: City:

Fax: ZIP:

Contractor

Name: Western Steel Company Mailing Address: 105 Villa Drive

Phone: (361) 884-8801 City: Corpus Christi

Fax: ZIP: 78408

Engineer

Name: Kyle Hooper Mailing Address: 105 Villa Dr Email: kyle@pillarengineers.com

Phone: (361) 960-4515 City: Corpus Christi Texas Registration No.: 137075

Fax: ZIP: 784082758

Commencement of Construction Date

08-04-2023

Date of Application

08-04-2023

Type of Building

Office Building

Inspections

- 1. - SqFt: 95.5' x 79' - # of units: 2 - New, New (Entire Building) 2. 3.

Comments

Submitter

Name: Kyle Hooper

Phone: (361) 960-4515

Date: 08-04-2023

Submitter Type: Engineer

For Texas Department of Insurance Inspections: mail or email to your local field office

For inspections by engineers: mail or email to Austin office: windstorm@tdi.texas.gov

Texas Department of Insurance

Windstorm Inspections Program

P.O. Box 12030

Austin, TX 78711-2030

Texas Department of Insurance | www.tdi.texas.gov

Development Services Reviewed for Code Compliance 9-18-23

**NOTICE ABOUT CERTAIN INFORMATION LAWS AND PRACTICES**

With few exceptions, you are entitled to be informed about the information that the Texas Department of Insurance (TDI) collects about you. Under sections 552.021 and 552.023 of the Texas Government Code, you have a right to review or receive copies of information about yourself, including private information. However, TDI may withhold information for reasons other than to protect your right to privacy. Under section 559.004 of the Texas Government Code, you are entitled to request that TDI correct information that TDI has about you that is incorrect. For more information about the procedure and costs for obtaining information from TDI or about the procedure for correcting information kept by TDI, please contact the Agency Counsel Section of TDI's General Counsel Division at (512) 676-6551 or visit the Corrections Procedure section of TDI's website at [www.tdi.texas.gov](http://www.tdi.texas.gov).



**Commissioning of Energy Compliance  
(2015 IECC)**

**Scope of Work**

Commissioning Authority Name Fady Shaheen

Project Name: Husayn Medical Clinic

Project Application Number:

Project Address: 6214 Saratoga, Corpus Christi TX 78414

Energy Compliance:

1. Follow the COMcheck Compliance Inspection Checklist with onsite inspections.

All Inspection will be done on job site as it gets complete.



# Envelope Compliance Certificate

## Project Information

Energy Code: 2015 IECC  
 Project Title: Husayn Medical Clinic  
 Location: Corpus Christi, Texas  
 Climate Zone: 2a  
 Project Type: New Construction  
 Vertical Glazing / Wall Area: 6%

Construction Site: 6214 Satatoga Blvd. Corpus Christi, TX 78414  
 Owner/Agent: Corpus Christi, TX  
 Designer/Contractor: TX

## Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed  
 Reduced Lighting Power, 1.0 credit

Building Area	Floor Area
1-Dr. Office (Health Care-Clinic) : Nonresidential	7505

## Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor <sup>(a)</sup>
Roof 1: Metal Building, Screw Down: High Albedo Roof Required, Liner System without Thermal Blocks, 3-Year-Aged Solar Reflectance = 0.65, Thermal Emittance = 0.85 (c), [Bldg. Use 1 - Dr. Office]	7505	0.0	26.0	0.037	0.035
<b>NORTH</b>					
Exterior Wall 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - Dr. Office]	1140	0.0	16.0	0.053	0.077
Window 1: Metal Frame:Fixed, Perf. Specs.: Product ID na, SHGC 0.25, PF 0.08, [Bldg. Use 1 - Dr. Office] (b)	114	---	---	0.350	0.500
Door 3: Uninsulated Double-Layer Metal, Swinging, [Bldg. Use 1 - Dr. Office]	84	---	---	0.530	0.610
<b>EAST</b>					
Exterior Wall 2: Steel-Framed, 16" o.c., [Bldg. Use 1 - Dr. Office]	948	0.0	16.0	0.053	0.077
<b>SOUTH</b>					
Exterior Wall 4: Steel-Framed, 16" o.c., [Bldg. Use 1 - Dr. Office]	1140	0.0	16.0	0.053	0.077
Window 1: Metal Frame:Fixed, Perf. Specs.: Product ID na, SHGC 0.25, PF 0.08, [Bldg. Use 1 - Dr. Office] (b)	90	---	---	0.350	0.500
Door 1: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID na, SHGC 0.25, PF 0.61, [Bldg. Use 1 - Dr. Office] (b)	42	---	---	0.530	0.830
<b>WEST</b>					
Exterior Wall 3: Steel-Framed, 16" o.c., [Bldg. Use 1 - Dr. Office]	948	0.0	16.0	0.053	0.077

- (a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
- (b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
- (c) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance

index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

## Envelope PASSES: Design 17% better than code

### Envelope Compliance Statement

*Compliance Statement:* The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Fady Shaheen

Name - Title

*Fady Shaheen*  
Signature

8/3/2023

Date





# Inspection Checklist

Energy Code: 2015 IECC

Requirements: 97.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1] <sup>1</sup>	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.1 [PR10] <sup>1</sup>	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.1 [PR11] <sup>1</sup>	The skylight area <= 3 percent of the gross roof area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.2 [PR14] <sup>1</sup>	In enclosed spaces > 2,500 ft <sup>2</sup> directly under a roof with ceiling heights > 15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C406 [PR9] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2.1 [FO6] <sup>1</sup>	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12] <sup>2</sup>	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.1.3 [FR13] <sup>1</sup>	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.3 [FR10] <sup>1</sup>	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3, C402.4.3.4 [FR8] <sup>1</sup>	Vertical fenestration U-Factor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.4 [FR14] <sup>2</sup>	U-factor of opaque doors associated with the building thermal envelope meets requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 [FR16] <sup>1</sup>	The building envelope contains a continuous air barrier that is sealed in an approved manner and either constructed or tested in an approved manner. Air barrier penetrations are sealed in an approved manner.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.5.2, C402.5.4 [FR18] <sup>3</sup>	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.5.5, C403.2.4.3 [ME3] <sup>3</sup>	Stair and elevator shaft vents have motorized dampers that automatically close.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [IN3] <sup>1</sup>	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is $\leq 3$ in 12.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.1 [IN10] <sup>2</sup>	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.2 [IN7] <sup>1</sup>	Above-grade wall insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.2.1 [IN14] <sup>2</sup>	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.2.1 [IN17] <sup>3</sup>	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C104 [IN6] <sup>1</sup>	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.6 [IN18] <sup>3</sup>	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.3 [IN5] <sup>3</sup>	High-albedo roofs satisfy one of the following: 3-year-aged solar reflectance $\geq 0.55$ and thermal emittance $\geq 0.75$ or 3-year-aged solar reflectance index $\geq 64.0$ .	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C104 [IN2] <sup>1</sup>	Installed roof insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. For some ceiling systems, verification may need to occur during Framing Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1.1 [IN1] <sup>1</sup>	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C402.5.3 [FI51] <sup>3</sup>	Where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening are located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms are sealed and insulated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.5.6 [FI37] <sup>1</sup>	Weatherseals installed on all loading dock cargo doors.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.5.8 [FI26] <sup>3</sup>	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Development Services  
Reviewed for Code Compliance  
9-18-23

# AEP NOTICE TO CUSTOMERS



## TO OBTAIN NEW CONSTRUCTION ELECTRIC SERVICE:

1. Call AEP Texas and provide an accurate address, contact name, and phone number to obtain an Electric Service Identifier (ESI) number. A nearby meter number can aid this process. Ask to have a service technician meet you on site if you have further questions.
2. Select a Retail Electric Provider (REP) to purchase your electricity and get your new "Meter Install" process started. Provide them with your ESI number, address, city, and zip code. A list of Providers can be found at [www.powertochoose.org](http://www.powertochoose.org). Your REP will bill you for your usage. Request the "meter install" to coincide with the completion date of the city or county electrical inspection.
3. AEP Texas will schedule the work once the Meter Install order request from your selected REP is received. You may track your meter install order status at <https://www.aeptexas.com/builders/orders/>

To connect electric service, customer may need to meet other requirements such as easements, brush & land clearing, city/county permits. Other construction fees may be incurred. Work will not be scheduled until customer requirements are met.

## TO CONNECT AN EXISTING METER:

1. Select a Retail Electric Provider (REP) of your choice to request electric service. Provide your correct address, city, and zip code. If an ESI number is needed, call AEP Texas and provide the correct service address and meter number.
2. AEP Texas will schedule the work once the order to connect service is received from your REP. AEP Texas will make every effort to perform the work by the requested date.

## TO REPORT A STREETLIGHT OR SECURITY LIGHT OUT:

1. Go to [aeptexas.com](http://aeptexas.com) website and click on "Outages and Problems", then click on the appropriate "Report Streetlight Problem" or "Report Leased Light Problem" to complete and submit a maintenance request or,
2. Call the AEP Texas Customer Service Line 1-877-373-4858.

## TO REPORT TREE TRIMMING PROBLEMS:

1. Go to [aeptexas.com](http://aeptexas.com) website and click on "Outages and Problems", then click on "Report a Tree Problem" to complete and submit a tree maintenance request. Please read information on which trees are covered by AEP Texas' tree trimming policy.
2. Call the AEP Texas Customer Service Line 1-877-373-4858.

## VISIT OUR WEBSITE FOR INFORMATION ON MANY TOPICS SUCH AS:

- Saving energy with smart meters
- Energy efficiency
- Register to receive outage notifications
- Construction service and meter specifications
- Generator hook up information
- Billing and rate information
- Safety and electricity informational and educational messages
- Oil & Gas Shale information

## CUSTOMER INFORMATION

CUSTOMER SERVICE LINE..... 1-877-373-4858

OUTAGE LINE .....\*1-866-223-8508

CALL BEFORE YOU DIG .....811

AEP TEXAS WEBSITE ..... [www.aeptexas.com](http://www.aeptexas.com)

TO VIEW YOUR ELECTRIC USAGE ..... [www.smartmetertexas.com](http://www.smartmetertexas.com)

Follow us: @AEPTEXAS   Facebook  @AEPTexasEconDev

Download our AEP Texas App!

## CONTACT YOUR RETAIL ELECTRIC PROVIDER (REP)\*\* for:

- Billing questions
- Connection of service
- Disconnection of service
- Reconnection of service after disconnection for non-payment

Electric consumers must purchase their electricity from a Retail Electric Provider (REP). AEP Texas does not sell electricity or bill consumers. AEP Texas builds and maintains the electric infrastructure and will send your electric consumption data to your REP for billing purposes. TO FIND A RETAIL ELECTRIC PROVIDER (REP) GO TO...[www.powertochoose.org](http://www.powertochoose.org)

## CONTACT AEP TEXAS for:

- Outages
- Street light problems
- Damage to AEP Texas facilities
- Suspicious activity or copper theft
- Leaking or arcing transformers

## FOR DOWNED POWER LINES CALL 911 OR OUTAGE LINE AND STAY SAFELY AWAY

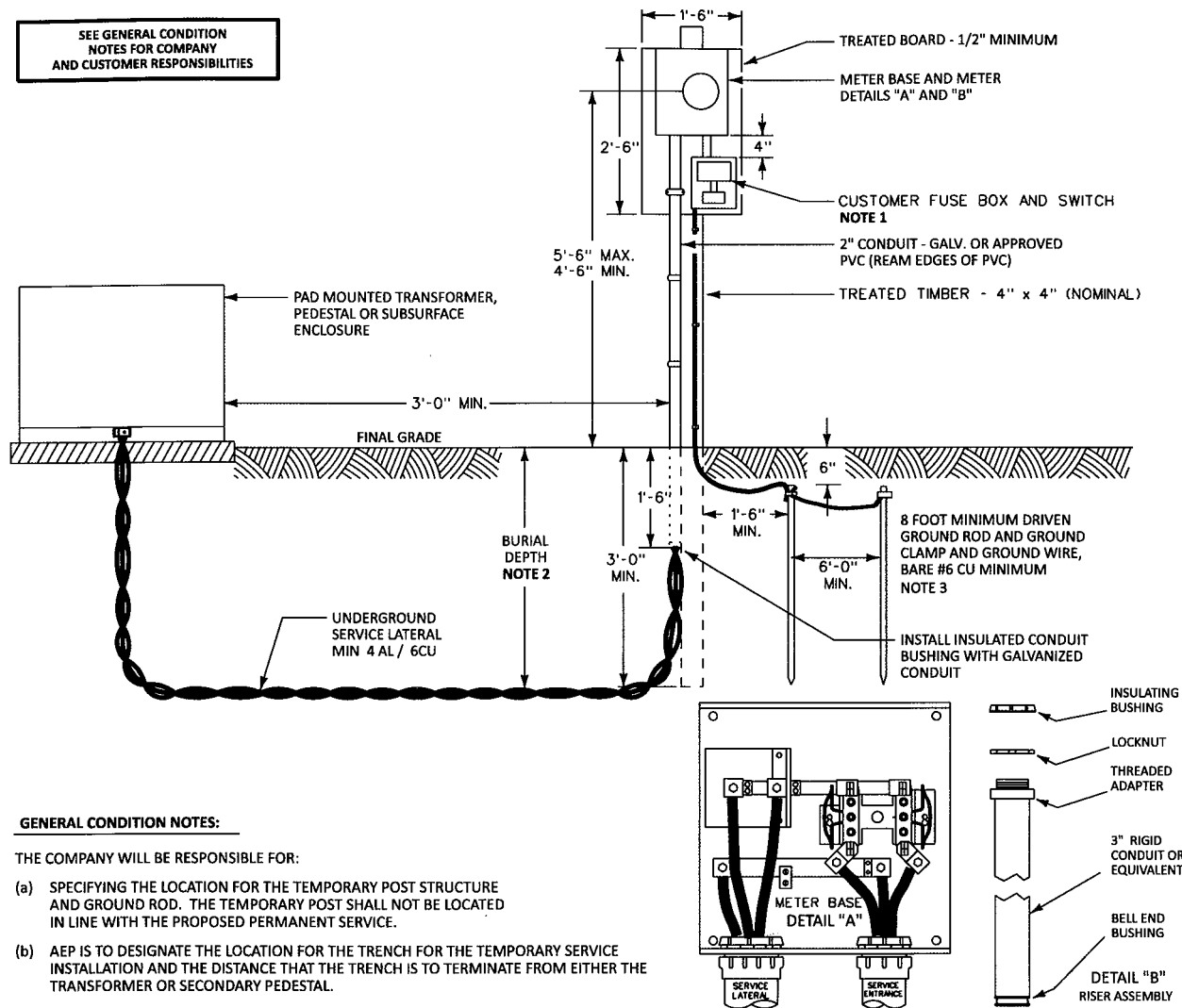
\*Have your ESI number, which can be found on your electric bill, ready when initiating calls.

\*\*The phone number of your REP is located on your electric bill.

Sign up for outage alerts at [AEPTexas.com/Alerts](http://AEPTexas.com/Alerts)

# AEP NOTICE TO CUSTOMERS

SEE GENERAL CONDITION NOTES FOR COMPANY AND CUSTOMER RESPONSIBILITIES



**GENERAL CONDITION NOTES:**

THE COMPANY WILL BE RESPONSIBLE FOR:

- (a) SPECIFYING THE LOCATION FOR THE TEMPORARY POST STRUCTURE AND GROUND ROD. THE TEMPORARY POST SHALL NOT BE LOCATED IN LINE WITH THE PROPOSED PERMANENT SERVICE.
- (b) AEP IS TO DESIGNATE THE LOCATION FOR THE TRENCH FOR THE TEMPORARY SERVICE INSTALLATION AND THE DISTANCE THAT THE TRENCH IS TO TERMINATE FROM EITHER THE TRANSFORMER OR SECONDARY PEDESTAL.
- (c) COMPLETING THE TRENCHING TO EITHER THE TRANSFORMER OR THE SECONDARY PEDESTAL; MAKING THE CONNECTIONS TO THE UNDERGROUND SERVICE LATERAL TO EITHER THE TRANSFORMER OR SECONDARY PEDESTAL.
- (d) PROVIDING THE METER BASE TO THE CUSTOMER WHERE REQUIRED.
- (e) INSTALLING AND REMOVING THE METER.
- (f) DISCONNECTING THE CONNECTIONS IN THE TRANSFORMER OR SECONDARY PEDESTAL AND REMOVING THE METER.

**THE CUSTOMER WILL BE RESPONSIBLE FOR:**

- (a) PROVIDING AND INSTALLING THE TEMPORARY STRUCTURE; FUSE BOX AND SWITCH; CONDUIT; UNDERGROUND SERVICE LATERAL AND CABLE TERMINAL LUGS (IF NEEDED); GROUND ROD; GROUND CLAMP; AND GROUND WIRE. SERVICE LATERAL PROVIDED BY THE COMPANY WHERE REQUIRED BY GOVERNMENTAL REGULATION.
- (b) CUSTOMER TO TRENCH THE DESIGNATED DISTANCE BETWEEN THE TEMPORARY POST AND THE COMPANY'S TRANSFORMER OR PEDESTAL. CUSTOMER TO DETERMINE LOCATION OF ALL UTILITIES BEFORE TRENCHING.
- (c) PROVIDING WEATHERPROOF (OR COVERED) SERVICE ENTRANCE EQUIPMENT (UL LISTED WITH FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER - 3 WIRE). EQUIPMENT SHALL BE SIZED AS REQUIRED AND MOUNTED ON A BOARD BASE.
- (d) SECURELY MOUNTING THE METER BASE IN A PLUMB POSITION.
- (e) MAKING ALL CONNECTIONS IN THE METER SOCKET.
- (f) PROVIDING THE INSPECTION IF NECESSARY. INSTALLATION OF EQUIPMENT TO BE IN ACCORDANCE WITH COMPANY STANDARDS AND / OR LOCAL ORDINANCES OR CODES.
- (g) THE REMOVAL OF EQUIPMENT AFTER BEING DISCONNECTED.

**GENERAL CONSTRUCTION NOTES:**

1. CUSTOMER FUSE BOX AND SWITCH MAY REQUIRE CURRENT LIMITING FUSES TO COMPLY WITH LOCAL CODES.
2. BURIAL DEPTH IS THE DISTANCE BETWEEN FINAL GRADE AND THE TOP OF THE BURIED CABLE OR CONDUIT. THE POWER COMPANY (AEP) SHALL SPECIFY THE REQUIRED BURIAL DEPTH PER OPERATING COMPANY AS PRESCRIBED IN THE PRECEDING LIST:
 

APCO	= REQUIRES A BURIAL DEPTH OF 30"
KYPCO	= REQUIRES A BURIAL DEPTH OF 30"
I & M	= REQUIRES A BURIAL DEPTH OF 30"
OHIO	= REQUIRES A BURIAL DEPTH OF 30"
TEXAS	= REQUIRES A BURIAL DEPTH OF 36"
PSO	= REQUIRES A BURIAL DEPTH OF 36"
SWPCO	= REQUIRES A BURIAL DEPTH OF 36"
3. AND/OR CONFORM TO ANY OR ALL AUTHORITY HAVING JURISDICTION. THE POWER COMPANY (AEP) HAS PRESCRIBED THE BURIAL DEPTH SHALL NOT BE LESS THAN STATED DEPTH ON THE PRECEDING LIST UNLESS IMPOSSIBLE TO BE ACHIEVED OR IS SUPERSEDED BY LOCAL AUTHORITY HAVING JURISDICTION. IF THE DEPTH IS IMPOSSIBLE TO ACHIEVED AEP'S VERIFICATION WILL BE NEEDED. HOWEVER, NOT TO BE LESS THAN WHAT IS STATED IN THE NATIONAL ELECTRICAL CODE'S ARTICLES AND TABLES: ARTICLE 300: 300.3(B) (1), 300.3 (C) (1) (2), TABLE 300.5, AND TABLE 300.50
4. CUSTOMER GROUNDING SHALL BE IN ACCORDANCE WITH NEC. IN ARKANSAS, OKLAHOMA, LOUISIANA AND TEXAS, THE GROUND WIRE SHALL BE CONNECTED IN THE METER SOCKET. THE CUSTOMER SHALL HAVE A MINIMUM OF 2 DRIVEN GROUND RODS AT LEAST 6 FEET APART.
5. METER SOCKET USED ON COMMERCIAL CUSTOMER SHALL HAVE A LEVER OPERATED JAW RELEASE BY-PASS FOR THREE PHASE AND SINGLE PHASE.

**TEMPORARY SERVICE INSTALLATION FROM EXISTING URD SECONDARY  
FIGURE 1**



# AEP NOTICE TO CUSTOMERS

## GENERAL CONSTRUCTION NOTES:

- SERVICE ENTRANCE CONDUCTORS SHALL PROJECT FROM WEATHERHEAD A MINIMUM OF 18 INCHES.
- USE 1/4" HOT DIPPED GALVANIZED LAG SCREWS OR MACHINE BOLTS TO SECURE SUPPORT STRUCTURE. IN CORROSIVE AREAS SUBSTITUTE WITH STAINLESS STEEL HARDWARE.

TEMPORARY SERVICE DROP STRUCTURE TO BE PRESSURE TREATED WITH PRESERVATIVE

AEP TEXAS, I&M, KYPCo, APCo, AEP OHIO

SERVICE DROPS UP TO 50 FEET  
ONE 4X4" (NOM.) OR TWO 2X4" (NOM.)  
MINIMUM TIMBER

SERVICE DROPS UP TO 100 FEET  
TWO 2X6" (NOM.) TIMBERS OR PINE POLE  
WITH 5" MINIMUM DIAMETER ROUND TOP

PSO AND SWEPCo (INCLUDING SWEPCo TEXAS)

PINE POLE WITH 5" MINIMUM DIAMETER  
ROUND TOP

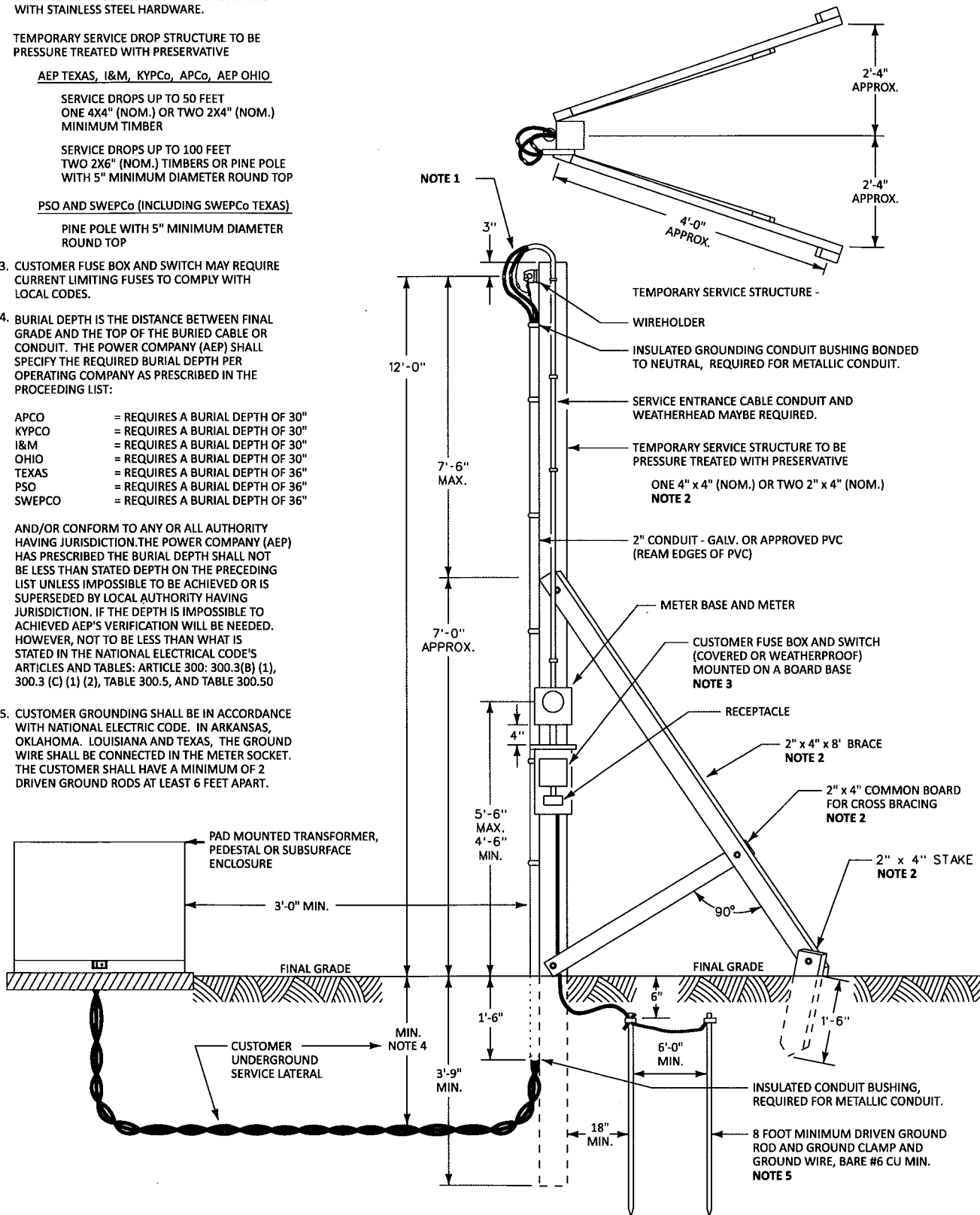
- CUSTOMER FUSE BOX AND SWITCH MAY REQUIRE CURRENT LIMITING FUSES TO COMPLY WITH LOCAL CODES.
- BURIAL DEPTH IS THE DISTANCE BETWEEN FINAL GRADE AND THE TOP OF THE BURIED CABLE OR CONDUIT. THE POWER COMPANY (AEP) SHALL SPECIFY THE REQUIRED BURIAL DEPTH PER OPERATING COMPANY AS PRESCRIBED IN THE PRECEDING LIST:

APCO	= REQUIRES A BURIAL DEPTH OF 30"
KYPCO	= REQUIRES A BURIAL DEPTH OF 30"
I&M	= REQUIRES A BURIAL DEPTH OF 30"
OHIO	= REQUIRES A BURIAL DEPTH OF 30"
TEXAS	= REQUIRES A BURIAL DEPTH OF 36"
PSO	= REQUIRES A BURIAL DEPTH OF 36"
SWEPCO	= REQUIRES A BURIAL DEPTH OF 36"

AND/OR CONFORM TO ANY OR ALL AUTHORITY HAVING JURISDICTION. THE POWER COMPANY (AEP) HAS PRESCRIBED THE BURIAL DEPTH SHALL NOT BE LESS THAN STATED DEPTH ON THE PRECEDING LIST UNLESS IMPOSSIBLE TO BE ACHIEVED OR IS SUPERSEDED BY LOCAL AUTHORITY HAVING JURISDICTION. IF THE DEPTH IS IMPOSSIBLE TO ACHIEVED AEP'S VERIFICATION WILL BE NEEDED. HOWEVER, NOT TO BE LESS THAN WHAT IS STATED IN THE NATIONAL ELECTRICAL CODE'S ARTICLES AND TABLES: ARTICLE 300: 300.3(B) (1), 300.3 (C) (1) (2), TABLE 300.5, AND TABLE 300.50

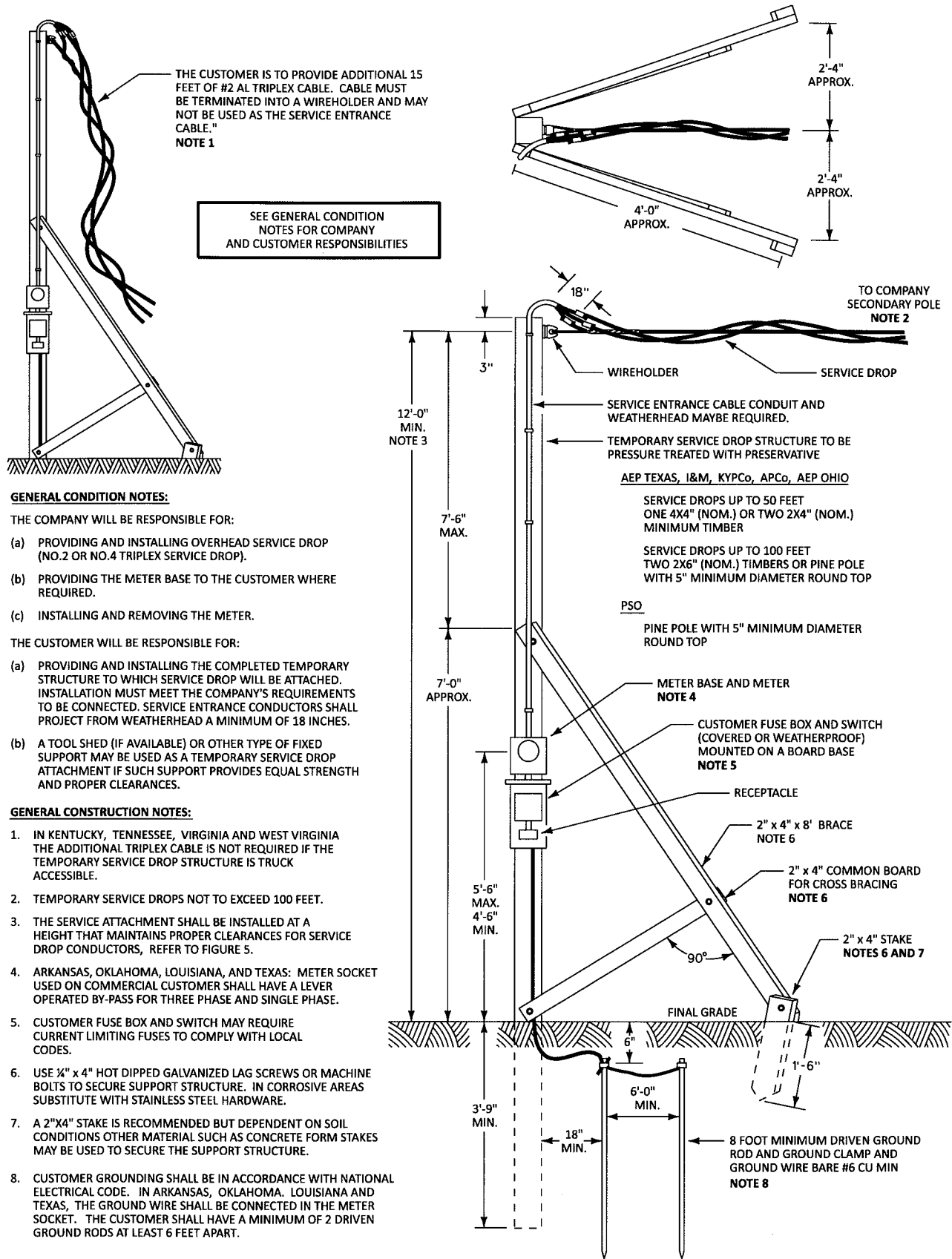
- CUSTOMER GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. IN ARKANSAS, OKLAHOMA, LOUISIANA AND TEXAS, THE GROUND WIRE SHALL BE CONNECTED IN THE METER SOCKET. THE CUSTOMER SHALL HAVE A MINIMUM OF 2 DRIVEN GROUND RODS AT LEAST 6 FEET APART.

SEE GENERAL CONDITION NOTES FOR COMPANY AND CUSTOMER RESPONSIBILITIES



ALTERNATE TEMPORARY SERVICE INSTALLATION FROM EXISTING URD SECONDARY  
FIGURE 2

# AEP NOTICE TO CUSTOMERS



## GENERAL CONDITION NOTES:

THE COMPANY WILL BE RESPONSIBLE FOR:

- PROVIDING AND INSTALLING OVERHEAD SERVICE DROP (NO. 2 OR NO. 4 TRIPLEX SERVICE DROP).
- PROVIDING THE METER BASE TO THE CUSTOMER WHERE REQUIRED.
- INSTALLING AND REMOVING THE METER.

THE CUSTOMER WILL BE RESPONSIBLE FOR:

- PROVIDING AND INSTALLING THE COMPLETED TEMPORARY STRUCTURE TO WHICH SERVICE DROP WILL BE ATTACHED. INSTALLATION MUST MEET THE COMPANY'S REQUIREMENTS TO BE CONNECTED. SERVICE ENTRANCE CONDUCTORS SHALL PROJECT FROM WEATHERHEAD A MINIMUM OF 18 INCHES.
- A TOOL SHED (IF AVAILABLE) OR OTHER TYPE OF FIXED SUPPORT MAY BE USED AS A TEMPORARY SERVICE DROP ATTACHMENT IF SUCH SUPPORT PROVIDES EQUAL STRENGTH AND PROPER CLEARANCES.

## GENERAL CONSTRUCTION NOTES:

- IN KENTUCKY, TENNESSEE, VIRGINIA AND WEST VIRGINIA THE ADDITIONAL TRIPLEX CABLE IS NOT REQUIRED IF THE TEMPORARY SERVICE DROP STRUCTURE IS TRUCK ACCESSIBLE.
- TEMPORARY SERVICE DROPS NOT TO EXCEED 100 FEET.
- THE SERVICE ATTACHMENT SHALL BE INSTALLED AT A HEIGHT THAT MAINTAINS PROPER CLEARANCES FOR SERVICE DROP CONDUCTORS, REFER TO FIGURE 5.
- ARKANSAS, OKLAHOMA, LOUISIANA, AND TEXAS: METER SOCKET USED ON COMMERCIAL CUSTOMER SHALL HAVE A LEVER OPERATED BY-PASS FOR THREE PHASE AND SINGLE PHASE.
- CUSTOMER FUSE BOX AND SWITCH MAY REQUIRE CURRENT LIMITING FUSES TO COMPLY WITH LOCAL CODES.
- USE 3/8" x 4" HOT DIPPED GALVANIZED LAG SCREWS OR MACHINE BOLTS TO SECURE SUPPORT STRUCTURE. IN CORROSIVE AREAS SUBSTITUTE WITH STAINLESS STEEL HARDWARE.
- A 2"x4" STAKE IS RECOMMENDED BUT DEPENDENT ON SOIL CONDITIONS OTHER MATERIAL SUCH AS CONCRETE FORM STAKES MAY BE USED TO SECURE THE SUPPORT STRUCTURE.
- CUSTOMER GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE. IN ARKANSAS, OKLAHOMA, LOUISIANA AND TEXAS, THE GROUND WIRE SHALL BE CONNECTED IN THE METER SOCKET. THE CUSTOMER SHALL HAVE A MINIMUM OF 2 DRIVEN GROUND RODS AT LEAST 6 FEET APART.

TEMPORARY SERVICE INSTALLATION  
FROM EXISTING OVERHEAD SECONDARY  
FIGURE 3

CERTIFICATE OF OCCUPANCY  
CHECKLIST FOR PROJECT CLOSEOUT

**NOTICE**

To start the process of obtaining a Certificate of Occupancy OR Certificate of Completion for your project.

Complete this checklist and submit all required documents to [closeoutdocuments@cctexas.com](mailto:closeoutdocuments@cctexas.com) along with this signed completed checklist.

Items required to be submitted for review:	Completed or N/A	Notes
1 <b>Fire Department Signoff:</b> Once all Mechanical, Electrical, and Plumbing (MEP) permits are finalized and closed and Building Finals are complete. Contact City of Corpus Christi Fire Department at 361- 826-3930 to arrange your Fire Final Inspection. Submit copy of report to DSD.		
2 <b>Building Final:</b> Insure that all required Building and MEP inspections have received full approval prior to calling for the Building Final Inspection. Check the history on the portal.		
3 <b>Plumbing Final:</b> Insure that all required plumbing inspections have received full approval prior to calling for the Plumbing Final Inspection. Check the history on the portal.		
4 <b>Electrical Final:</b> Insure that all required electrical inspections have received full approval prior to calling for the Electrical Final Inspection. Check the history on the portal.		
5 <b>Mechanical Final:</b> Insure that all required mechanical inspections have received full approval prior to calling for the mechanical final Inspection. The mechanical final is not complete until the final "Air System Air Balance Report", provided by your mechanical contractor has been reviewed and accepted by the Senior Mechanical Inspector. Send this final air balance report to <a href="mailto:closeoutdocuments@cctexas.com">closeoutdocuments@cctexas.com</a> and it will be routed to the Senior Mechanical Inspector for approval. Check the history on the portal.		
6 <b>Zoning Final:</b> Insure that related items, including Building set back, Landscaping, parking lot surface, driveway entrances and parking lot striping are complete and have received full approval. Schedule the zoning final with the building final.		
7 <b>Energy Final:</b> Provide the (1) Energy Compliance Testing Report, (2) Pre Commissioning Report, & (3) Letter from owner acknowledging acceptance of Commissioning Plan after completion of all requirements.		
8 <b>Public Improvements-</b> City Acceptance Notification provided by Engineering Services.		
9 <b>Foundation Certificate-</b> Provide completed approved Engineer's Foundation certificate approval form..		
10 <b>Texas Department of Insurance Windstorm-</b> WPI-2 OR WPI-8 Form, provided by your Windstorm Engineer.		
11 <b>Nueces County Health Department- Sign off is required for the following:</b> restaurants, taverns, bars, establishments serving food, health clubs, day care facilities and swimming pools. New buildings TFO's or remodels involving these uses require a health inspection and sign off. To schedule your Health Department inspection/signoff, call 361-826-7223.		
12 <b>Floodplain-</b> If your project is in a Special Flood Hazard area, provide the post construction Elevation Certificate, and/or any other documents (i.e. FEMA Floodproofing Certificate), as required by City Floodplain Manager, at (361-826-3064).		
13 <b>Backflow-</b> Schedule this inspection with the plumbing final. A licensed backflow inspector that is registered with the city is required to upload backflow inspection results into the "State Brycer System" before the plumbing inspection can receive a full approval.		
14 <b>Irrigation:</b> Schedule Irrigation Final inspection with the Senior Plumbing Inspector and Irrigator. A licensed backflow inspector that is registered with the city is required to inspect and upload backflow inspection results into the "State Brycer System" before the plumbing inspection can receive a full approval.		
15 <b>Swimming Pool:</b> Insure that all required MEP inspections have received full approval prior to calling for the final inspection. After the approval of the building final inspection, schedule a health inspection. call 361-826-7223		

**By signing below, I certify that this application package contains all required items, for review.**

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_ Project & Permit # \_\_\_\_\_





# COMMERCIAL TAP APPLICATION

Development Services Department 2406 Leopard St. Corpus Christi, TX 78408 | Phone: 361.826.3240 | Fax: 361.826.4375 | PermitRequests@cctexas.com

Project Address: \_\_\_\_\_

Subdivision: \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_

Contractor/Owner: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Tax ID#: \_\_\_\_\_

Plumbing Company: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

WATER METER SIZING FORM REQUIRED TO BE FILLED OUT FOR TAPS OVER 1"				
Code	Description	√		
TWA02A	¾" Meter Set Only- Approve Utility Contractor		APPROVED UTILITY CONTRACTORS WILL ONLY BE CHARGED A PRE-TAP FEE	
TWA02B	1" Meter Set Only- Approve Utility Contractor			
TWA02C	¾" Pre-tap (Meter Set)			
TWA13	¾" Full Tap ICL			
TWA14	1" Full Tap ICL			
TWA15	Full Loop ICL			
TWA16	Meter Move ICL \$66/5ft			
TWA18	¾" Full Tap OCL			
TWA19	1" Full Tap OCL			
TWA20	Full Loop OCL			
TWA21	Meter Move OCL \$97.50/5ft			
TWA40	1 ½" Meter Set			BACK TO FRONT METER MOVES- NO CHARGE
TWA41	1 ½" Full Tap			
TWA42	2" Meter Set			
TWA43	2" Full Tap			
TWA44	<b>3" Meter Set- **Plans Required</b>			
TWA45	<b>4" Meter Set- **Plans Required</b>		** PLANS REQUIRED TO BE SUBMITTED TO LAND DEVELOPMENT FOR METER 3" OR LARGER	
WASTEWATER TAP				
Code	Description	√		
TWW01	Pre-Tap		Permits and Inspections are required to make tap	
TWW02/3	Surcharges			
GAS TAP				
Code	Description	√		
TGA01	1"		Meter larger than 8" requires a quote from the Gas Department 361-885-6927	
TGA02	Commercial up to 8" (ICL) or 2" (OCL)			
TGA04	Meter Loop			
TGA05	Meter Move			

## Architectural Barriers Project Registration Online Receipt

Your project has been successfully registered! However, this is only the registration of the construction project. The building/facility owner is ultimately responsible for ensuring that the registration number, project details and construction documents (in the instance that a design professional is not associated with the project) are mailed, scanned, or hand delivered to the Registered Accessibility Specialist (RAS) for the required review and inspection of the project.

Your project registration number is **TABS2023025159**.

**Project Name**

Husayn Medical Clinic

**Project Number**

TABS2023025159

**Receipt Number**

452AB2032757255

**Reference Number**

2032757255

**Receipt Date**

8/4/2023

**Fee Description**

Project Registration Fee

**Amount**

\$175.00

**Billing Name**

Jonathan E Rivera

**Address**

514 HOPPER DRIVE  
CORPUS CHRISTI TX 78411  
US

**Phone Number**

3615493646

**Email**

jer\_arch@hotmail.com

Please print this page for your records. A reference e-mail has also been sent to the email provided above. If you have any questions, please call TDLR at 1-877-278-0999.

 [Print this page](#)

[Return to Dashboard \(/TABS/Home/Dashboard\)](/TABS/Home/Dashboard)

Development Services  
Reviewed for Code Compliance  
9-18-23

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Open Records Policy ( <a href="https://www.tdlr.texas.gov/disclaimer.htm">https://www.tdlr.texas.gov/disclaimer.htm</a> )	Public Information Policy ( <a href="https://www.tdlr.texas.gov/disclaimer.htm">https://www.tdlr.texas.gov/disclaimer.htm</a> )	Texas Veterans Portal ( <a href="https://veterans.portal.texas.gov/">https://veterans.portal.texas.gov/</a> )
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