

**NOTICE OF SHORELINE TASK FORCE REGULAR MEETING
CITY OF SOUTH PADRE ISLAND**

TUESDAY, MARCH 8, 2022
3:00 PM AT THE MUNICIPAL COMPLEX
2ND FLOOR CITY COUNCIL CHAMBERS
4601 PADRE BOULEVARD SOUTH PADRE ISLAND, TX 78597

1. Call to Order

2. Pledge of Allegiance

3. Public Comments and Announcements

This is an opportunity for citizens to speak to Shoreline Task Force relating to agenda or non-agenda items. Speakers are required to address the board at the podium and give their name before addressing their concerns. [Note: State law will not permit the Shoreline Task Force to discuss, debate, or consider items that are not on the agenda. Citizen comments may be referred to City Staff or may be placed on the agenda of a future Task Force meeting]

4. Regular Agenda


- 4.1. Discussion and action to approve the meeting minutes from the regular meeting on February 8, 2022. (Hughston)
- 4.2. Discussion and action to approve the minutes of the workshop held on February 22, 2022. (Hughston)
- 4.3. Updates on department projects: (Hughston, Boburka)
 - Coastal Management Program (CMP)'s Cycle 24 Dune Restoration
 - CMP's Cycle 25 Whitecap Circle (#8) Improvements
 - Restore Act & Texas Parks and Wildlife Grants (Marisol Boat Ramp)
 - Tompkins Channel
 - CMP's Cycle 28

5. Adjourn

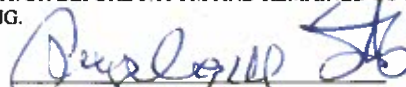
NOTE:

One or more members of the City of South Padre Island City Council may attend this meeting; if so, this statement satisfies the requirements of the OPEN MEETINGS ACT.

DATED MARCH 4, 2022


Angelique Soto, City Secretary

I, THE UNDERSIGNED AUTHORITY, DO HEREBY CERTIFY THAT THE ABOVE NOTICE OF MEETING OF THE SHORELINE TASK FORCE OF THE CITY OF SOUTH PADRE ISLAND, TEXAS IS A TRUE AND CORRECT COPY OF SAID NOTICE AND THAT I POSTED A TRUE AND CORRECT COPY OF SAID NOTICE ON THE BULLETIN BOARD AT CITY HALL/MUNICIPAL BUILDING ON MARCH 4, 2022, AT/OR BEFORE 3:00 PM AND REMAINED SO POSTED CONTINUOUSLY FOR AT LEAST 72 HOURS PRECEDING THE SCHEDULED TIME OF SAID MEETING.


Angelique Soto, City Secretary

THIS FACILITY IS WHEELCHAIR ACCESSIBLE, AND ACCESSIBLE PARKING SPACES ARE AVAILABLE. REQUESTS FOR ACCOMMODATIONS OR INTERPRETIVE SERVICES MUST BE MADE 48 HOURS PRIOR TO THIS MEETING. PLEASE CONTACT BUILDING OFFICIAL, GEORGE MARTINEZ AT (956)761-8103.

Agenda: MARCH 8, 2022



**CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM**

MEETING DATE: March 8, 2022

NAME & TITLE: Kristina Boburka, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Discussion and action to approve the meeting minutes from the regular meeting on February 8, 2022. (Hughston)

ITEM BACKGROUND

Approve minutes from the regular meeting on February

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal:

Approved by Legal:

RECOMMENDATIONS/COMMENTS:

**MINUTES OF REGULAR MEETING
CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE**

Tuesday, February 8th, 2022

I. CALL TO ORDER.

The Shoreline Task Force of the City of South Padre Island, Texas, held a regular meeting on Tuesday, February 8th, 2022, at the Municipal Complex Building, 2nd Floor, 4601 Padre Boulevard, South Padre Island, Texas. Chairman Robert Nixon called the meeting to order at 3:00 p.m. A quorum was present with Chairman Robert Nixon, Task Force Vice Chairman Stormy Wall, Task Force Members Abbie Mahan, Michael Sularz, Norma Trevino, Todd Williams, and Carol Bolstad.

Council Member Ken Medders was present along with, City Manager Randy Smith, City Secretary Nikki Soto, City Public Information Coordinator Selena Trevino, Shoreline Director Kristina Boburka, and Coastal Coordinator Erika Hughston.

II. PLEDGE OF ALLEGIANCE.

Chairman Robert Nixon led the Pledge of Allegiance.

III. PUBLIC COMMENTS AND ANNOUNCEMENTS:

No public comments were given at this time.

IV. REGULAR AGENDA

I. DISCUSSION AND ACTION TO APPROVE THE MINUTES FROM THE REGULAR MEETING ON JANUARY 25TH, 2022. (HUGHSTON)

Task Force Member Mahan made a motion to approve the minutes, seconded by Task Force Member Wall. Motion passed unanimously.

II. DISCUSSION AND POSSIBLE ACTION FOR A LAGUNA MADRE LIVING SHORELINE WORKSHOP TO BE HELD ON FEBRUARY 22ND, 2022 AT 1:30 P.M.

Task Force Member Trevino made a motion to hold the workshop, seconded by Task Force Member Wall. Motion passed unanimously.

V. ADJOURNMENT.

There being no further business, Chairman Nixon adjourned the meeting at 3:04 p.m.

Erika Hughston, Coastal Coordinator

Robert Nixon, Chairman

**CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM**

MEETING DATE: March 8, 2022

NAME & TITLE: Kristina Boburka, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Discussion and action to approve the minutes of the workshop held on February 22, 2022. (Hughston)

ITEM BACKGROUND

Approve the minutes from the workshop held on February 22, 2022.

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal:

Approved by Legal:

RECOMMENDATIONS/COMMENTS:

**MINUTES OF A WORKSHOP
CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE**

Tuesday, February 22nd, 2022

I. CALL TO ORDER.

The Shoreline Task Force of the City of South Padre Island, Texas, held a workshop on Tuesday, February 22nd, 2022, at the Municipal Complex Building, 2nd Floor, 4601 Padre Boulevard, South Padre Island, Texas. Chairman Robert Nixon called the meeting to order at 1:30 p.m. A quorum was present with Chairman Robert Nixon, Task Force Vice Chairman Stormy Wall, Task Force Members Abbie Mahan, Michael Sularz, Norma Trevino, Todd Williams, and Carol Bolstad.

Council Member Ken Medders was present along with, Shoreline Director Kristina Boburka, and Coastal Coordinator Erika Hughston.

II. PLEDGE OF ALLEGIANCE.

Chairman Robert Nixon led the Pledge of Allegiance.

III. PUBLIC COMMENTS AND ANNOUNCEMENTS:

No public comments were given at this time.

IV. REGULAR AGENDA

I. UPDATES AND DISCUSSION ON THE NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF)'S NATIONAL COASTAL RESILIENCY FUND (NCRF) GRANT TO DESIGN A BAYSIDE LIVING SHORELINE.

Coastal Coordinator Hughston gave a brief update on data collection from the United States Geological Survey. Cameron Perry from HDR Engineering opened the discussion and data collection by HDR for feasible site designs. Perry and his team stated they are looking for strong community involvement throughout the preliminary design.

V. ADJOURNMENT.

There being no further business, Chairman Nixon adjourned the meeting at 2:45 p.m.

Erika Hughston, Coastal Coordinator

Robert Nixon, Chairman

**CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM**

MEETING DATE: March 8, 2022

NAME & TITLE: Kristina Boburka, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Updates on department projects: (Hughston, Boburka)

- Coastal Management Program (CMP)'s Cycle 24 Dune Restoration
- CMP's Cycle 25 Whitecap Circle (#8) Improvements
- Restore Act & Texas Parks and Wildlife Grants (Marisol Boat Ramp)
- Tompkins Channel
- CMP's Cycle 28

ITEM BACKGROUND

Update on departmental projects.

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

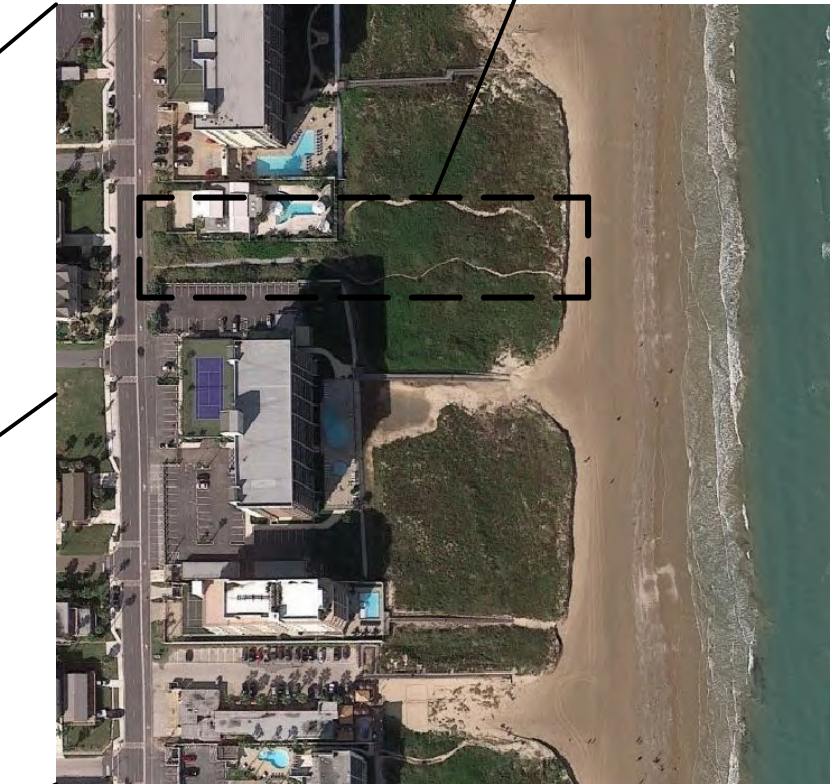
LEGAL REVIEW

Sent to Legal:

Approved by Legal:

RECOMMENDATIONS/COMMENTS:

South Padre Island Pedestrian Walkover



WHITE CAP CIRCLE

AT:
White Cap Circle Beach Public Access
South Padre Island, Texas

OWNER:
City of South Padre Island
4601 Padre Blvd
South Padre Island, Texas

PROJECT & STRUCTURAL ENGINEER:
GREEN, RUBIANO & ASSOCIATES
1220 WEST HARRISON
HARLINGEN, TEXAS 78550
P: 956-428-4461
GRA@GRAENGINEERING.COM

PROJECT SHEET INDEX:

- G0.0 COVER SHEET
- GLO INFORMATION SHEET INDEX:**
- GLO-A1 VOLUME AND LOCATION OF DUNE CUT (MITIGATION)
- GLO-A2 VOLUME AND LOCATION OF DUNE FILL (MITIGATION)
- GLO-B1 AREAS OF VEGETATION IMPACT
- GLO-B2 AREAS OF RE-VEGETATION / NEW VEGETATION

STRUCTURAL SHEET INDEX:

- S1.1 ACCESSIBILITY STANDARDS
- S1.2 ACCESSIBILITY STANDARDS
- S1.3 SITE AERIAL AND GENERAL NOTES
- S1.4 SITE IMPROVEMENT PLAN
- S1.4A SITE IMPROVEMENT PLAN WITH AERIAL OVERLAY
- S1.5 ENLARGED PARTIAL SITE IMPROVEMENT PLAN AT RESTROOMS
- S2.0 GENERAL STRUCTURAL NOTES
- S2.1 GENERAL STRUCTURAL NOTES
- S2.2 PEDESTRIAN WALKOVER FRAMING PLAN
- S2.3 FRAMING DETAILS
- S2.4 FRAMING DETAILS
- S2.5 WALKOVER FRAMING ELEVATION
- S2.6 RESTROOM FLOOR PLAN, ROOF PLAN AND EXTERIOR ELEVATIONS
- S2.7 RESTROOM CROSS SECTIONS
- S2.8 RESTROOM AND CEILING PLAN
- S2.9 RESTROOM FOUNDATION PLAN AND DETAILS
- S2.10 RESTROOM FRAMING PLAN AND DETAILS

SITE MAP
NOT TO SCALE



CIVIL ENGINEER:
HALFF
1075 PAREDES LINE ROAD SUITE B
BROWNSVILLE, TEXAS 78526
P: 956-303-7100

LANDSCAPE:
SSP DESIGN LLC
789 E. WASHINGTON ST.
BROWNSVILLE, TEXAS 78520
P: 956-547-9977 F: 956-547-9977

- CIVIL SHEET INDEX:**
- C1.1 GENERAL NOTES
 - C1.2 GENERAL NOTES AND LEGEND
 - C1.3 EXISTING CONDITIONS
 - C1.4 DEMOLITION PLAN
 - C1.5 PROPOSED SITE PLAN
 - C1.6 PROPOSED GRADING PLAN
 - C1.7 PROPOSED UTILITY PLAN
 - C1.8 DUNE MITIGATION PLAN
 - C1.9 MINIMUM SUGGESTED EROSION CONTROL MEASURES
 - C1.10 MISCELLANEOUS DETAILS
 - C1.11 MISCELLANEOUS DETAILS

- LANDSCAPE SHEET INDEX:**
- L1.01 IRRIGATION PLAN
 - L1.02 IRRIGATION PLAN
 - L1.03 IRRIGATION PLAN
 - L1.04 IRRIGATION DETAILS
 - L2.01 LANDSCAPE AND DUNE VEGETATION PLAN
 - L2.02 LANDSCAPE AND DUNE VEGETATION PLAN
 - L2.03 LANDSCAPE AND DUNE VEGETATION PLAN
 - L3.01 LANDSCAPE SCHEDULES AND DETAILS
 - L3.02 HARDSCAPE SCHEDULES AND DETAILS

GREEN, RUBIANO & ASSOCIATES
CONSULTING STRUCTURAL ENGINEERS
1220 WEST HARRISON
HARLINGEN, TEXAS 78550
PH: (956)428-4461
GRA@GRAENGINEERING.COM

SEAL

PROJECT

**WALKOVER
AT WHITE CAP CIRCLE**

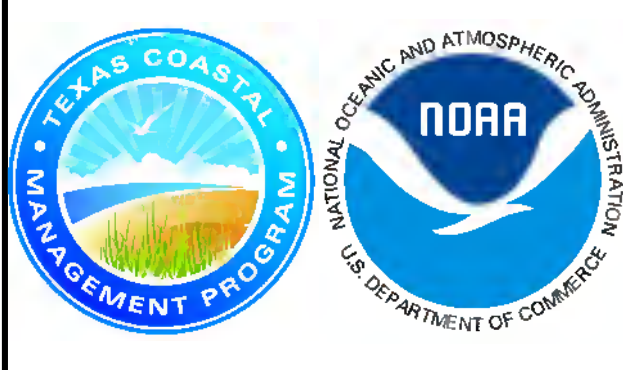
**SOUTH PADRE ISLAND,
TEXAS**

CLIENT

**CITY OF
SOUTH PADRE ISLAND**

**SOUTH PADRE ISLAND,
TEXAS**

P: 956-761-3044
F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16

DATE 02-18-2021

DRAWN BY LC

CHECKED BY BD

SCALE AS SHOWN

SHEET TITLE

COVER SHEET

SHEET NO.

GO.0

100% PRELIMINARY
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HALFF
 1075 PAREDES LINE ROAD, SUITE B
 BROWNSVILLE, TEXAS 77809
 TEL: (956) 303-7100
 TBPELS ENGINEERING FIRM #312

HALFF PROJECT NO. (AVO): 42852.001

ORIGINAL SCALE: 1" = 20 FEET

GA
GREEN, RUBIANO & ASSOCIATES
 CONSULTING STRUCTURAL ENGINEERS
 1220 WEST HARRISON
 HARLINGEN, TEXAS 77550
 PH: (956) 428-4461 FAX: (956) 428-0287
 FIRM REGISTRATION #F-4145

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R. THOMAS EVERETT II, P.E. 136374 12/01/21
 TBPE FIRM #F-312

PROJECT

WALKOVER
 AT WHITECAP CIRCLE

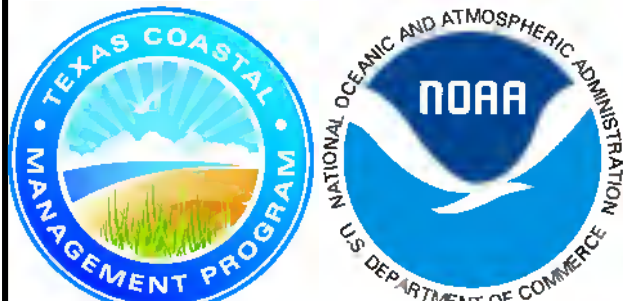
SOUTH PADRE ISLAND,
 TEXAS

CLIENT

CITY OF
 SOUTH PADRE ISLAND

SOUTH PADRE ISLAND,
 TEXAS

P: 956-761-3044
 F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16
 DATE December 1, 2021
 DRAWN BY TE
 CHECKED BY RA
 SCALE AS SHOWN

SHEET TITLE

VOLUME AND
 LOCATION OF
 DUNE CUT
 (MITIGATION)

SHEET NO.

GLO-A1

SHEET SPECIFIC LEGEND
 SEE SHEET C1.2 FOR GENERAL LEGEND

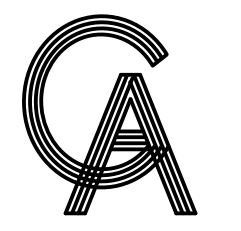
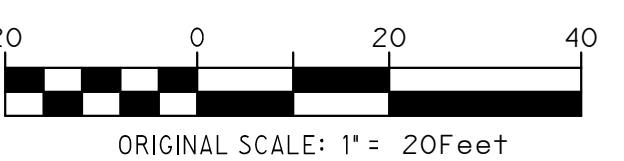
- PROPOSED MAJOR CONTOUR (5' INCREMENTS)
- PROPOSED MINOR CONTOUR (1' INCREMENTS)
- LOC LIMITS OF CONSTRUCTION

CUT FILL TABLE

Description	Color	Approximate Volume
Cut	Blue	1182 CY
Fill	Red	1182 CY



HALFF PROJECT NO. (AVO): 42852.001



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TBPE FIRM #F-312

PROJECT
**WALKOVER
AT WHITECAP CIRCLE**
SOUTH PADRE ISLAND,
TEXAS

CLIENT
CITY OF
SOUTH PADRE ISLAND

SOUTH PADRE ISLAND,
TEXAS
P: 956-761-3044
F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16
DATE December 1, 2021
DRAWN BY TE
CHECKED BY RA
SCALE AS SHOWN

SHEET TITLE
**VOLUME AND
LOCATION OF
DUNE FILL
(MITIGATION)**

SHEET NO.
GLO-A2

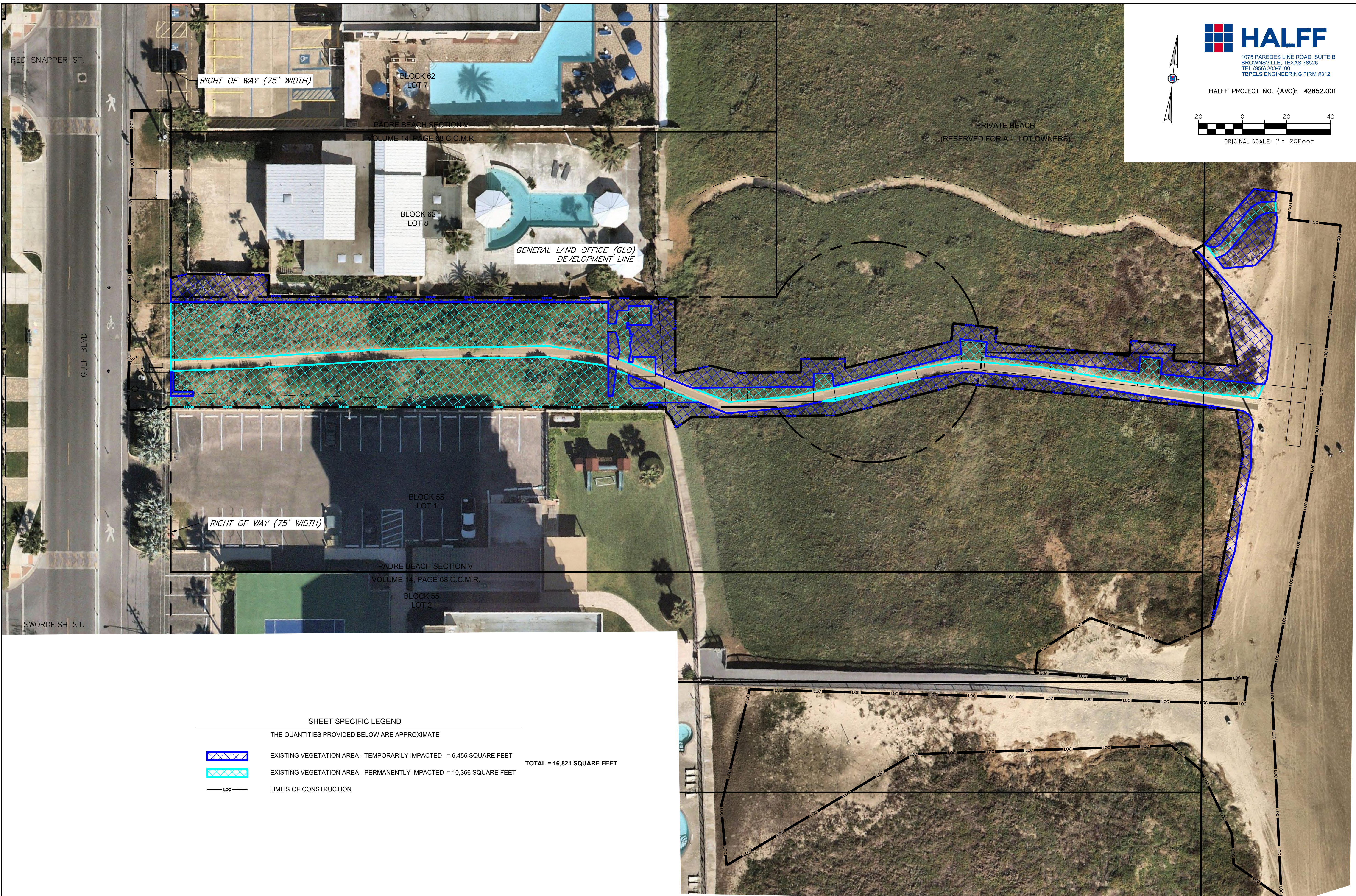


SHEET SPECIFIC LEGEND
SEE SHEET C1.2 FOR GENERAL LEGEND

- PROPOSED MAJOR CONTOUR (5' INCREMENTS)
- PROPOSED MINOR CONTOUR (1' INCREMENTS)
- LOC — LIMITS OF CONSTRUCTION

CUT FILL TABLE

Description	Color	Approximate Volume
Cut		1182 CY
Fill		1182 CY



HALFF
 1075 PAREDES LINE ROAD, SUITE B
 BROWNSVILLE, TEXAS 78509
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 TBPELS ENGINEERING FIRM #312

HALFF PROJECT NO. (AVO): 42852.001

ORIGINAL SCALE: 1" = 20 FEET

GA
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PROJECT

WALKOVER
 AT WHITECAP CIRCLE

SOUTH PADRE ISLAND,
 TEXAS

CLIENT

CITY OF
 SOUTH PADRE ISLAND




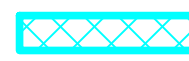

SOUTH PADRE ISLAND,
 TEXAS

P: 956-761-3044
 F: 956-761-3898



SHEET SPECIFIC LEGEND

THE QUANTITIES PROVIDED BELOW ARE APPROXIMATE

	EXISTING VEGETATION AREA - TEMPORARILY IMPACTED = 6,455 SQUARE FEET	TOTAL = 16,821 SQUARE FEET
	EXISTING VEGETATION AREA - PERMANENTLY IMPACTED = 10,366 SQUARE FEET	
	LIMITS OF CONSTRUCTION	

MARK	DATE	DESCRIPTION

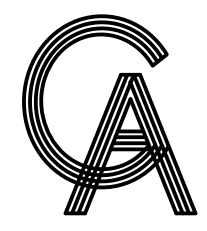
PROJECT NO.	1065-16
DATE	December 1, 2021
DRAWN BY	TE
CHECKED BY	RA
SCALE	AS SHOWN

SHEET TITLE

**AREAS OF
 VEGETATION
 IMPACTED**

SHEET NO.

GLO-B1

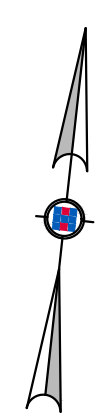


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HALFF PROJECT NO. (AVO): 42852.001



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PROJECT

WALKOVER
 AT WHITECAP CIRCLE

SOUTH PADRE ISLAND,
 TEXAS

CLIENT

CITY OF
 SOUTH PADRE ISLAND

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 TEXAS

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MARK	DATE	DESCRIPTION

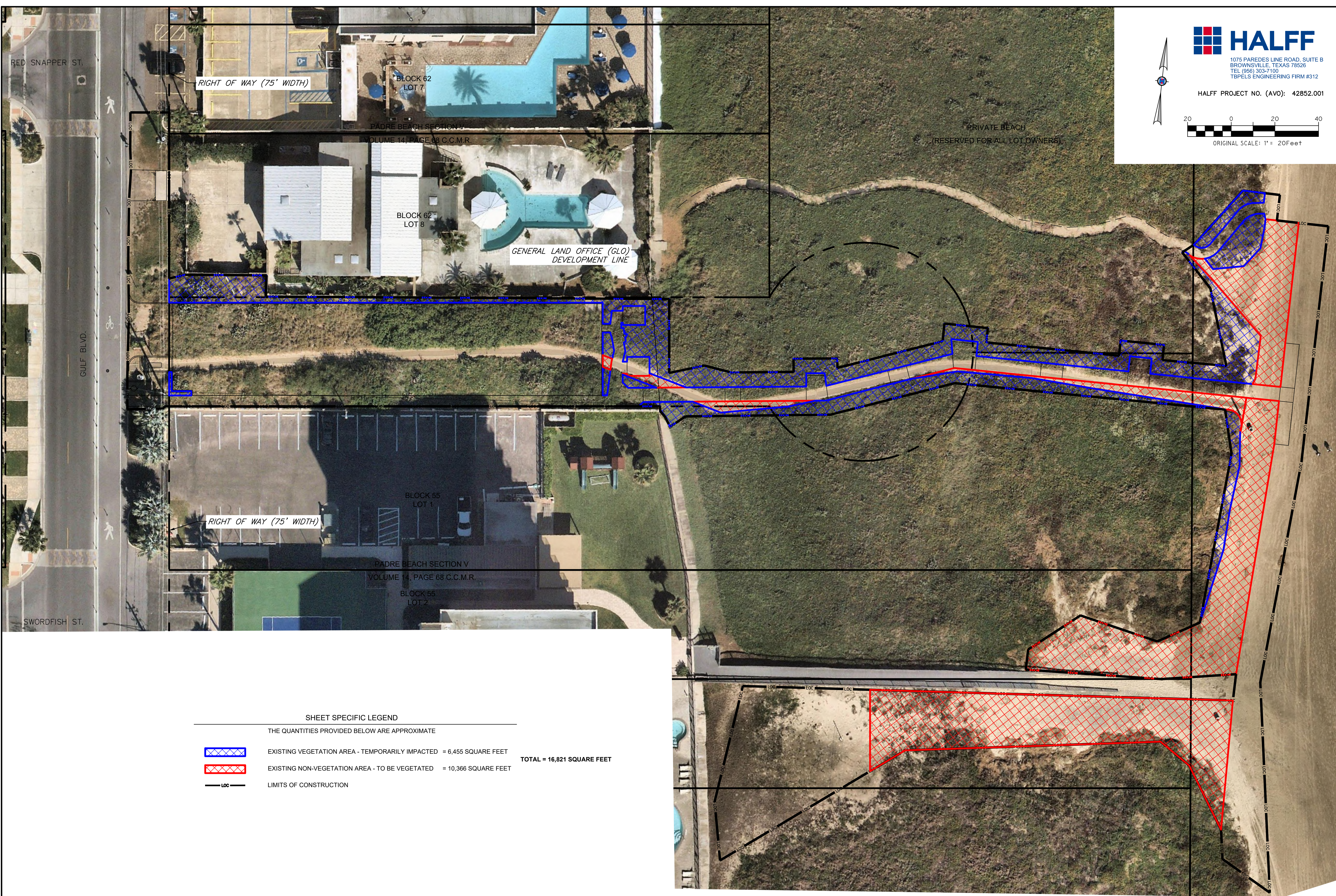
PROJECT NO. 1065-16
 DATE December 1, 2021
 DRAWN BY TE
 CHECKED BY RA
 SCALE AS SHOWN

SHEET TITLE

AREAS OF
 RE-VEGETATION/
 NEW VEGETATION

SHEET NO.

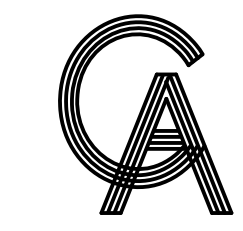
GLO-B2



SHEET SPECIFIC LEGEND

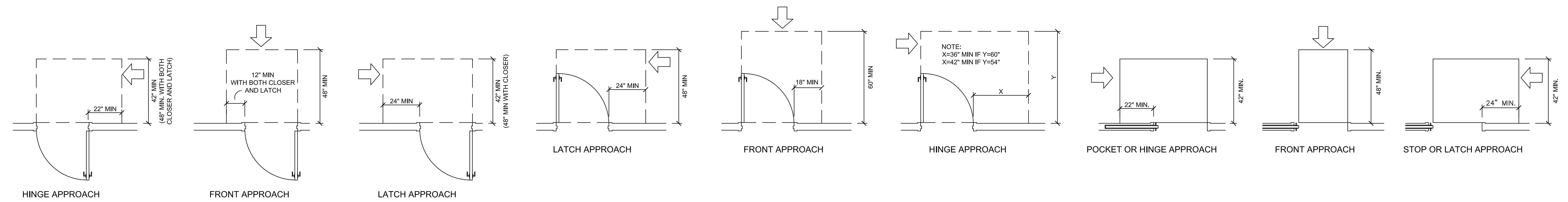
THE QUANTITIES PROVIDED BELOW ARE APPROXIMATE

- EXISTING VEGETATION AREA - TEMPORARILY IMPACTED = 6,455 SQUARE FEET
 - EXISTING NON-VEGETATION AREA - TO BE VEGETATED = 10,366 SQUARE FEET
 - LIMITS OF CONSTRUCTION
- TOTAL = 16,821 SQUARE FEET**



GREEN, RUBIANO & ASSOCIATES
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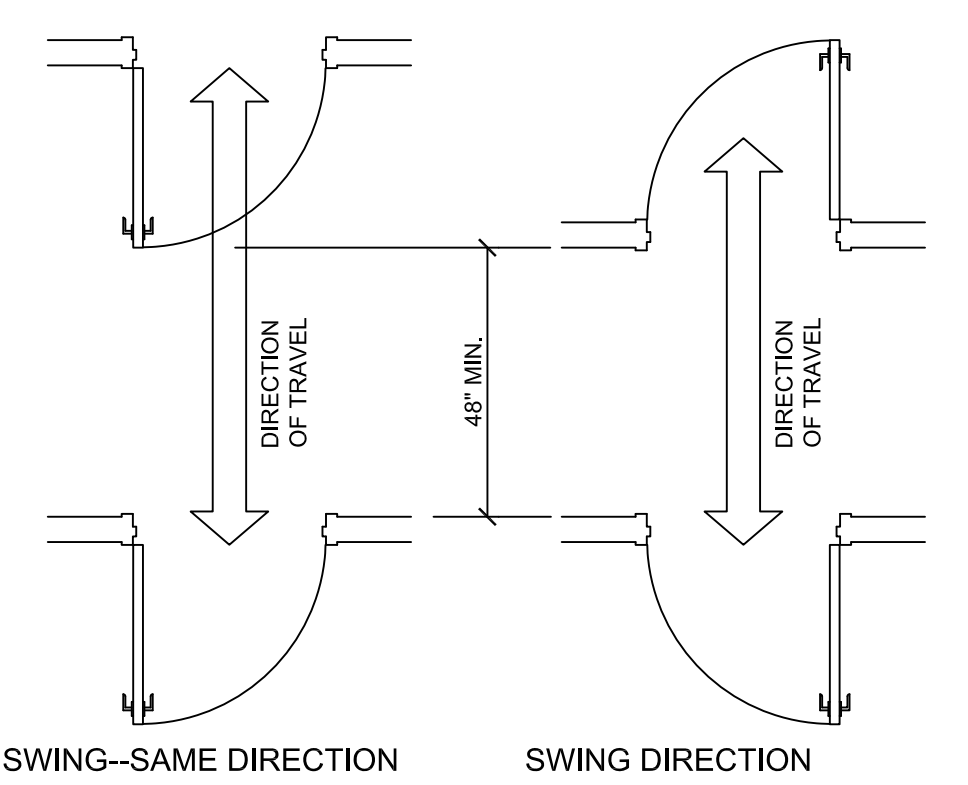
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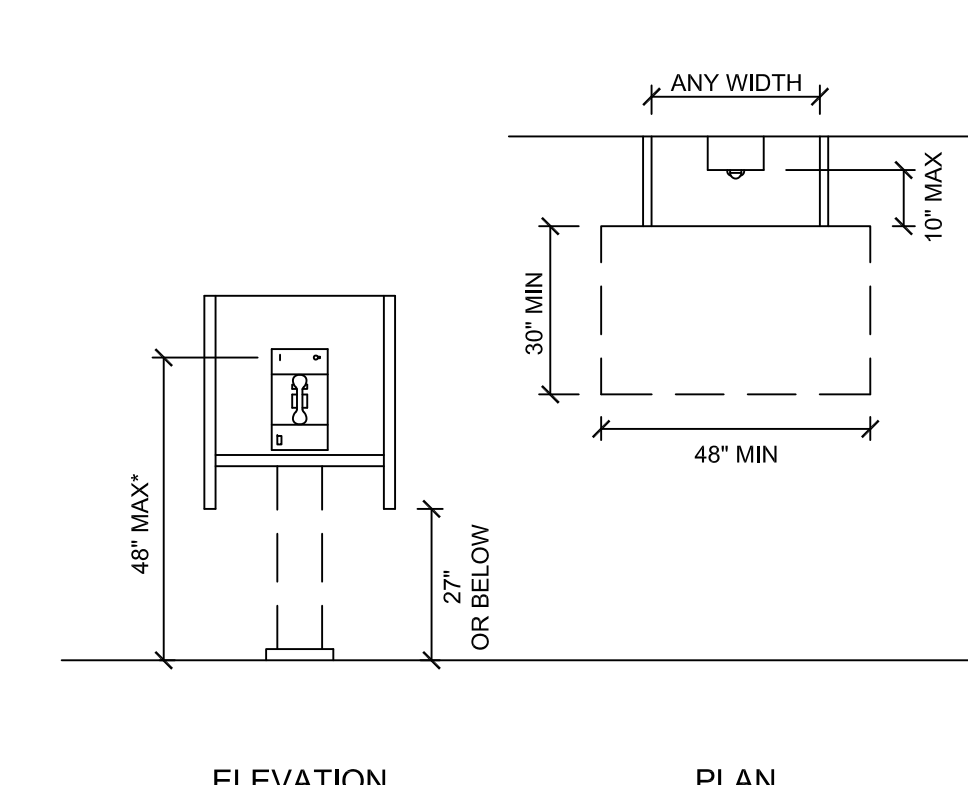
PUSH SIDE MANEUVERING CLEARANCE AT SWINGING DOORS
 3/8" = 1'-0"

PULL SIDE MANEUVERING CLEARANCE AT SWINGING DOORS
 3/8" = 1'-0"

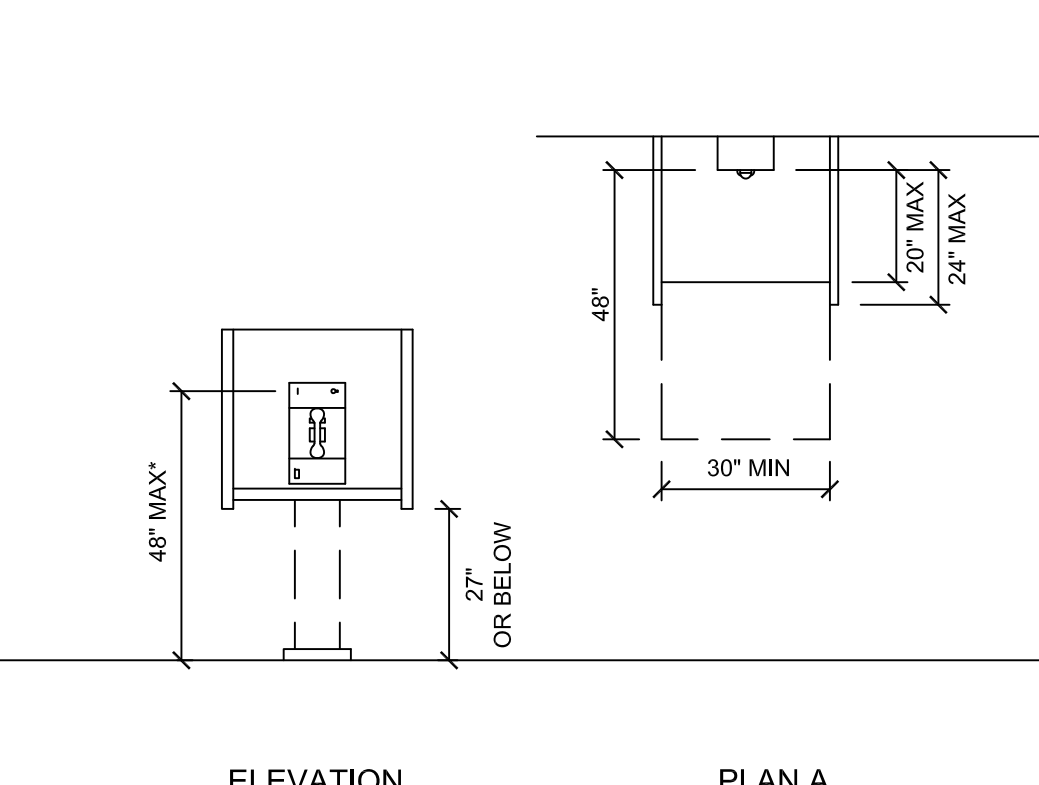
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS
 3/8" = 1'-0"



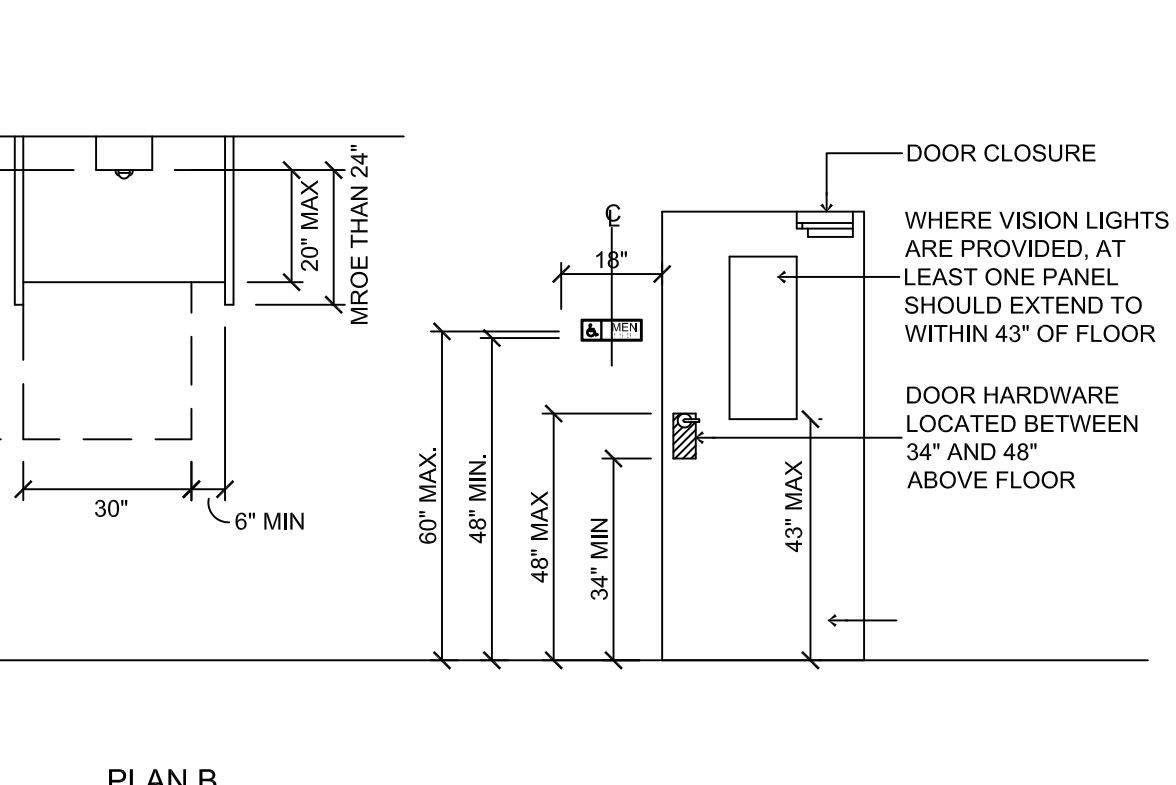
MANEUVERING CLEARANCE FOR TWO DOORS IN A SERIES
 3/8" = 1'-0"



PUBLIC TELEPHONE SIDE REACH POSSIBLE
 3/8" = 1'-0"

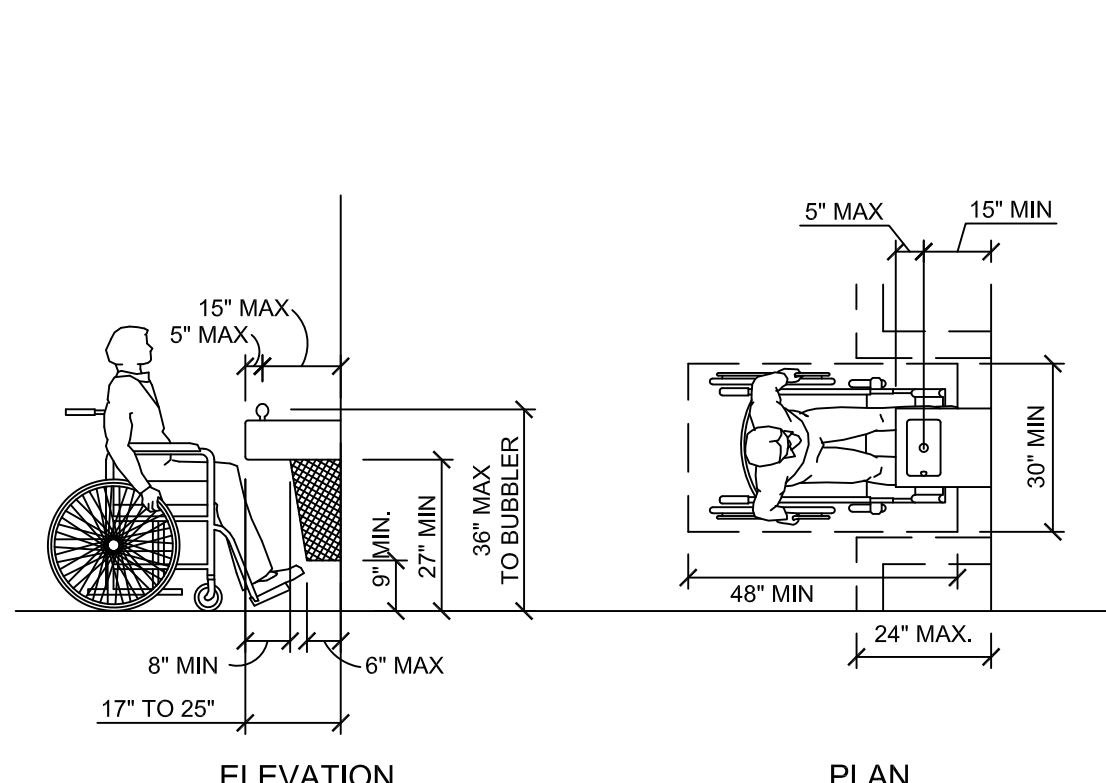


PUBLIC TELEPHONE FORWARD REACH REQUIRED
 3/8" = 1'-0"

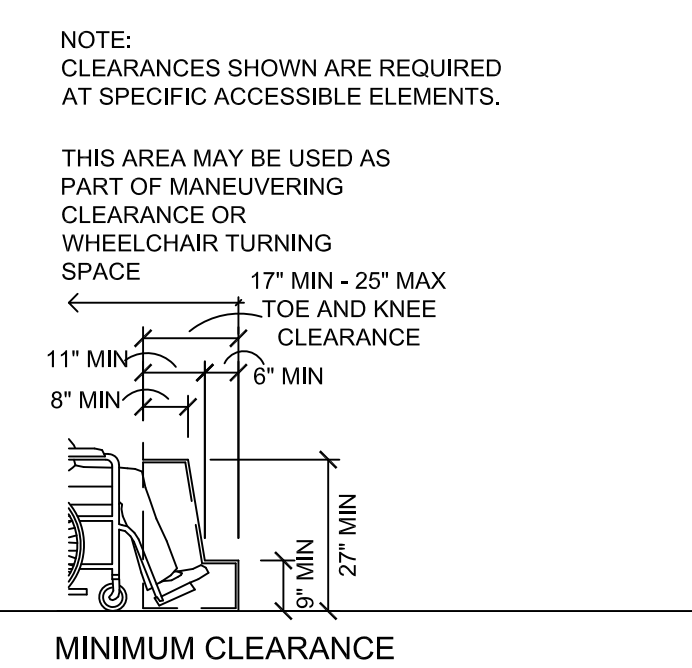


DOOR HARDWARE AND SIGNAGE MOUNTING HEIGHTS
 3/8" = 1'-0"

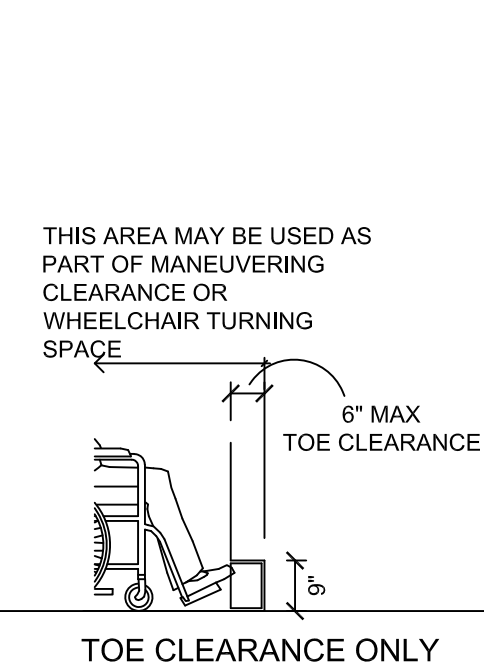
HARDWARE MOUNTING HEIGHTS	
FIXTURE / DEVICE	REMARKS - ALL HEIGHTS ARE MEASURED ABOVE FINISH FLOOR, UNLESS NOTED
TOP HINGE	5" FROM HEAD TO TOP OF HINGE LEAF
BOTTOM HINGE	10" FROM BOTTOM OF HINGE TO FINISH FLOOR
INTERMEDIATE HINGE (S)	EQUAL DISTANCE BETWEEN TOP AND BOTTOM HINGE
KNOBS, LOCKS, DEAD BOLTS	38" FROM FINISHED FLOOR TO CENTER OF KNOB
DOOR GUARD LOCKS	60" FROM FINISHED FLOOR, 48" IN ACCESSIBLE ROOMS
ROOM NUMBERS	ON CORRIDOR WALL ADJACENT TO STRIKE SIDE OF DOOR AT 60". RAISED LETTERS AND GRADE 2 BRAILLE TO BE PROVIDED PER ADA REQUIREMENTS
DOOR VIEWER (PEEP HOLE)	54"-60" FROM FINISH FLOOR TO CENTERLINE, 46" FROM FINISH FLOOR TO CENTERLINE IN ACCESSIBLE ROOMS
PUSH PLATES & PUSH BARS	45" FROM FINISH FLOOR TO CENTERLINE
DOOR PULL	45" FROM FINISH FLOOR TO CENTERLINE
EXIT DEVICE PANIC BAR	38" FROM FINISH FLOOR TO CENTERLINE OF PANIC BAR



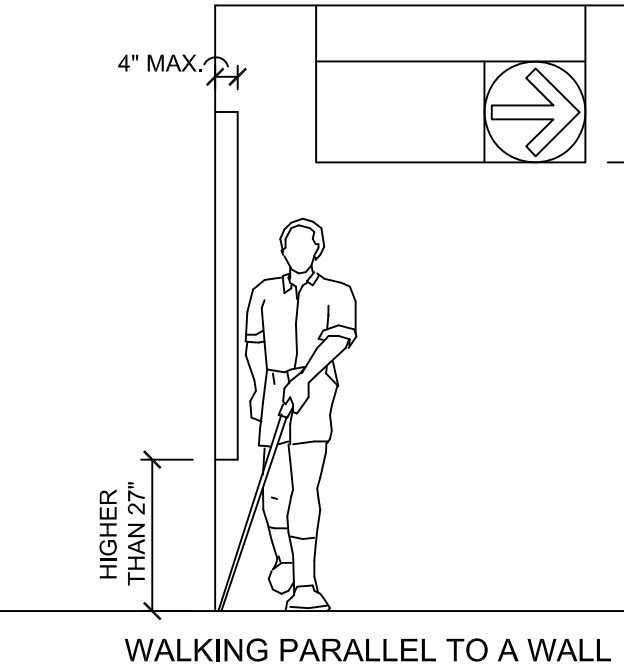
DRINKING FOUNTAINS AND WATER COOLERS
 3/8" = 1'-0"



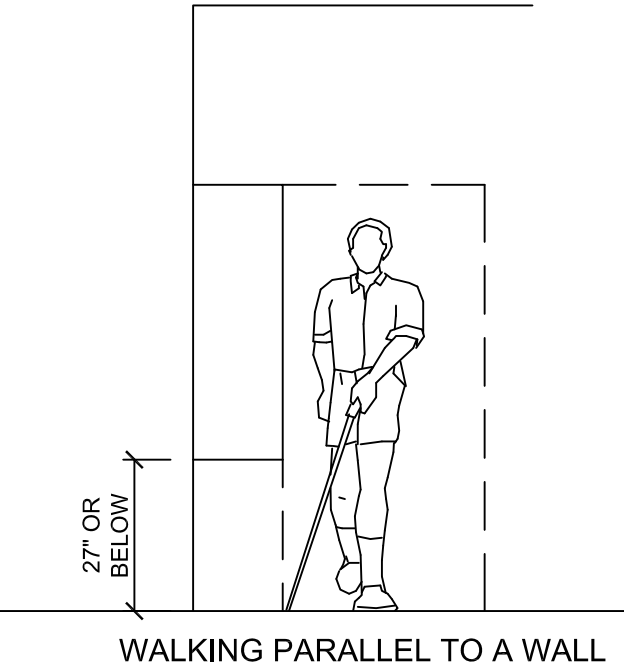
KNEE AND TOE SPACE CLEARANCES
 3/8" = 1'-0"



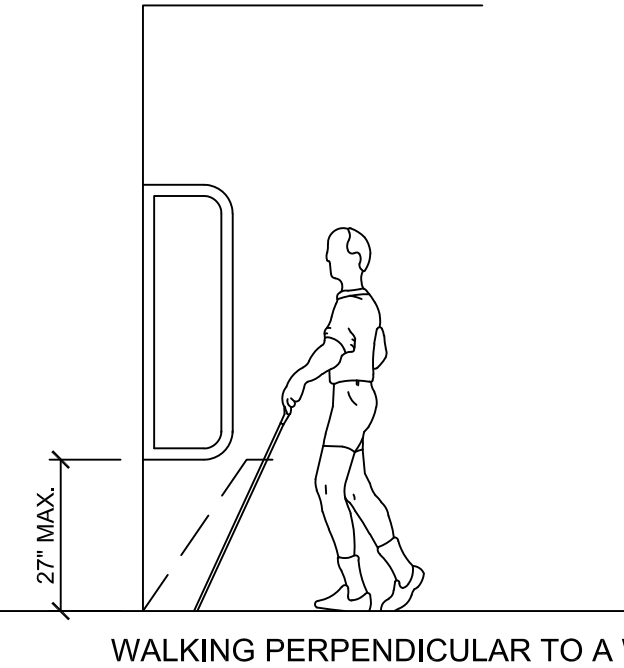
TOE CLEARANCE ONLY



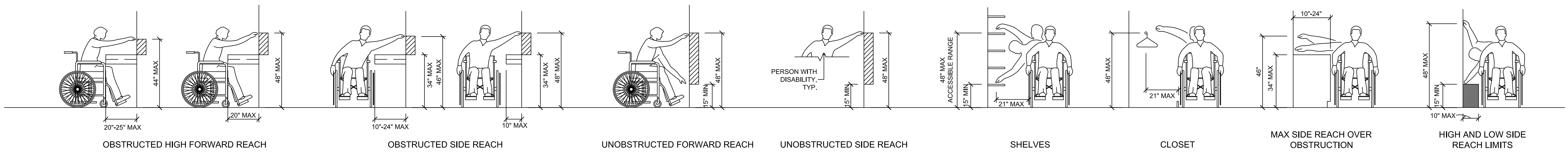
DIMENSIONS OF PROTRUDING OBJECTS
 3/8" = 1'-0"



WALKING PARALLEL TO A WALL



WALKING PERPENDICULAR TO A WALL



REACH REQUIREMENTS
 3/8" = 1'-0"

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PROJECT
WALKOVER AT WHITE CAP CIRCLE
SOUTH PADRE ISLAND, TEXAS
 CLIENT
CITY OF SOUTH PADRE ISLAND
 SOUTH PADRE ISLAND, TEXAS
 P: 956-761-3044
 F: 956-761-3898

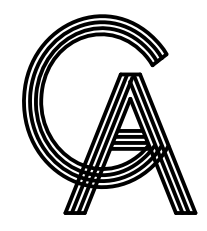


MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16
 DATE 11-05-2021
 DRAWN BY LC
 CHECKED BY BD
 SCALE AS SHOWN

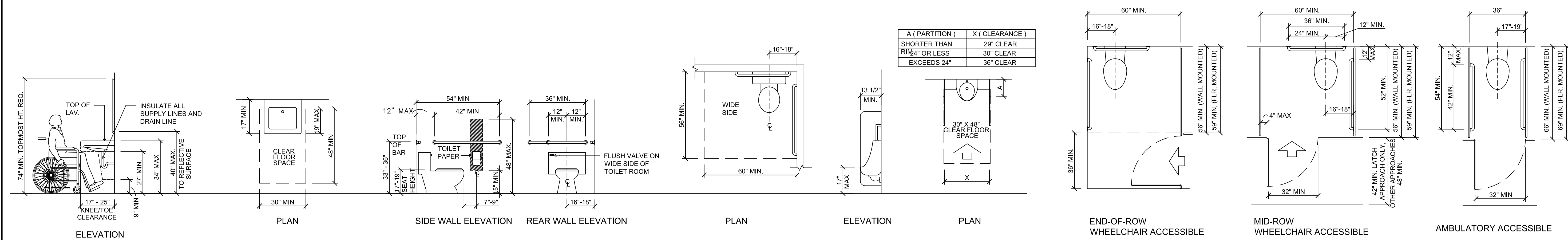
SHEET TITLE
ACCESSIBILITY STANDARDS

SHEET NO.
S1.1



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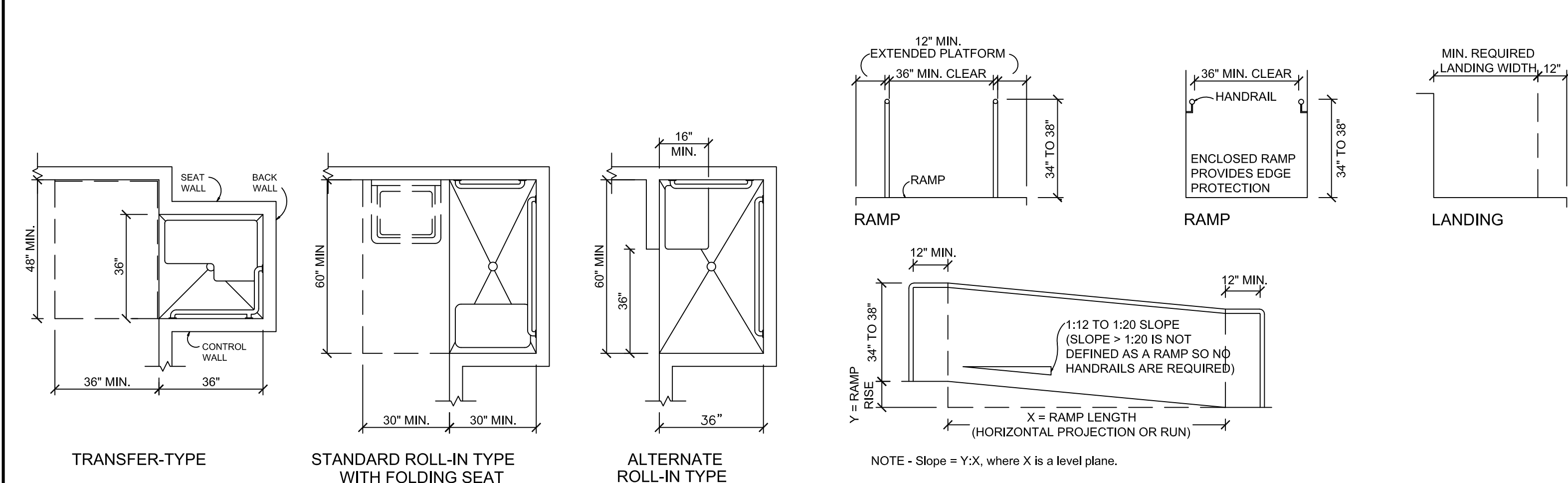
ADULT LAVATORY CLEARANCES
 3/8" = 1'-0"

ADULT GRAB BARS AT WATER CLOSETS
 3/8" = 1'-0"

ADULT URINAL CLEARANCES
 3/8" = 1'-0"

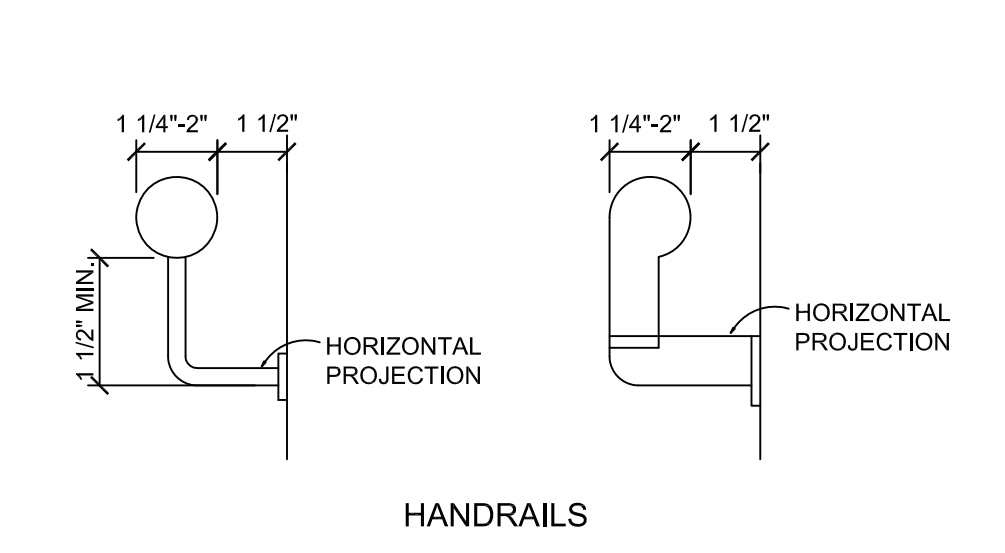
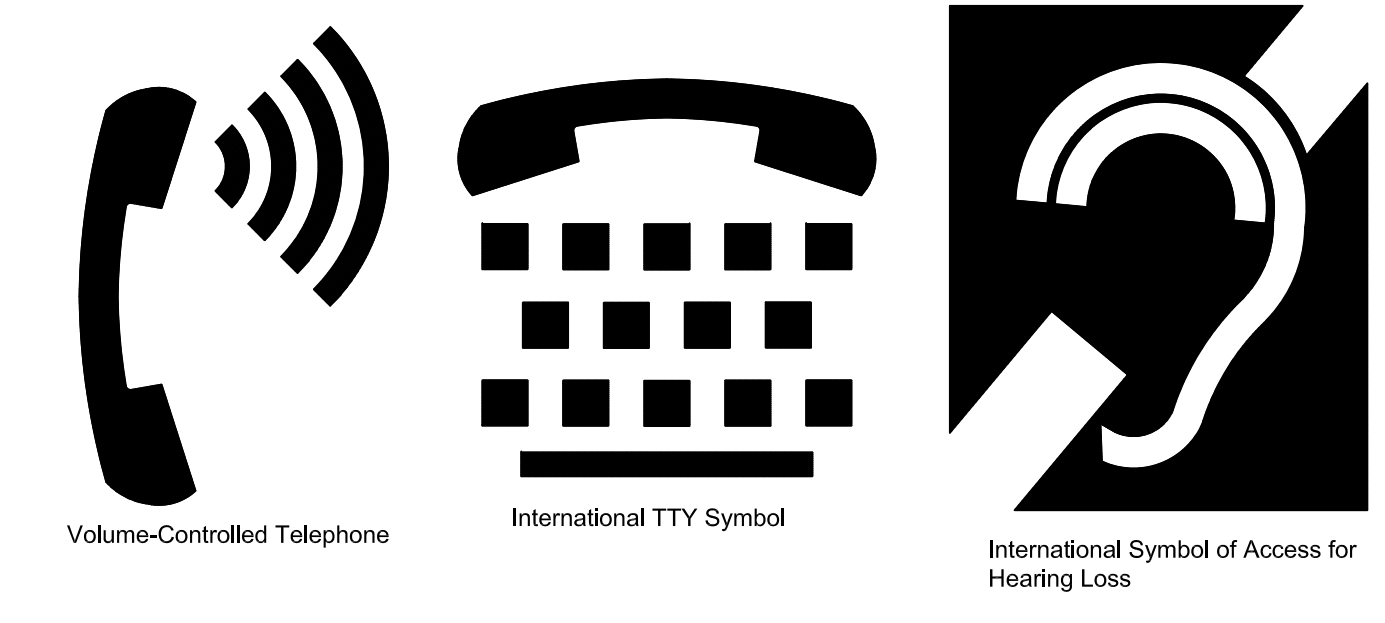
TOILET STALL CLEARANCES
 3/8" = 1'-0"

AMBULATORY ACCESSIBLE



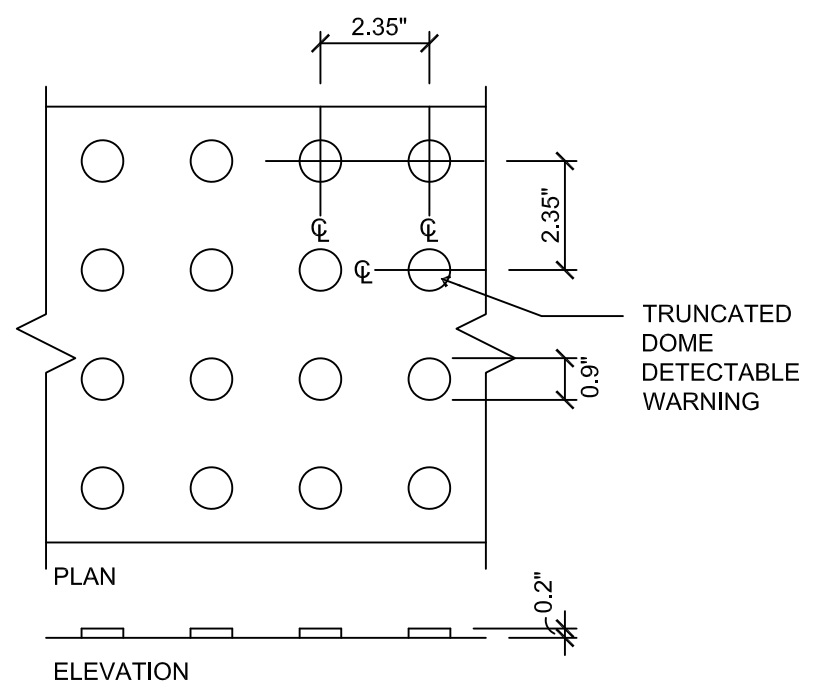
SHOWER CLEARANCES
 3/8" = 1'-0"

RAMPS
 3/8" = 1'-0"

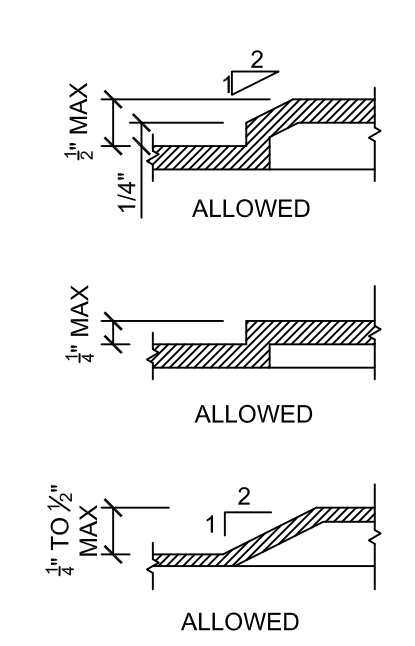


INFORMATION

SUITE 372B



TACTILE BUMPS
 NOT TO SCALE



- NOTES**
- Changes in level greater than 1/2 in. (13 mm) must be ramped.
 - Some standards prohibit changes in level in clear floor space, maneuvering clearances, wheelchair turning space, and access aisles.

FIXTURE / DEVICE	FIXTURE MOUNTING HEIGHTS			
	ADULT	CHILD 3-4	CHILD 5-8	CHILD 9-12
UNOBSTRUCTED REACH RANGE FRONT OR SIDE REACH	48" MAX. 15" MIN.	36" MAX. 20" MIN.	40" MAX. 18" MIN.	44" MAX. 16" MIN.
RAMPS AND STAIRS TOP OF HANDRAIL GRIPPING SURFACE	34" MIN. 38" MAX.	28" MAX.	28" MAX.	28" MAX.
ELEVATORS CAR CONTROL FLOOR BUTTONS UNOBSTRUCTED FRONTAL APPROACH UNOBSTRUCTED SIDE APPROACH EMERGENCY COMMUNICATION HIGHEST OPERABLE PART	48" MAX. 48" MAX.	36" MAX. 36" MAX.	40" MAX. 40" MAX.	44" MAX. 44" MAX.
PLATFORM LIFTS (WHEELCHAIR LIFTS) CONTROLS / OPERATING MECHANISM (UNOBSTRUCTED)	48" MAX. 15" MIN.	36" MAX. 20" MIN.	40" MAX. 18" MIN.	44" MAX. 16" MIN.
WATER CLOSETS TOP OF SEAT GRAB BARS FLUSH CONTROLS DISPENSER HEIGHT	17"-19" 33"-36" 44" MAX. 15"-48"	11"-12" 18"-20" 36" MAX. 14"	12"-15" 20"-25" 40" MAX. 14-17"	15"-17" 25"-27" 44" MAX. 17-19"
URINALS RIM OF BASIN FLUSH CONTROLS	17" MAX. 48" MAX.			
LAVATORIES AND SINKS RIM OR COUNTER SURFACE KNEE CLEARANCE	34" MAX. 27" MIN.		31" MAX. 24" MIN.	31" MAX. 24" MIN.
MIRRORS TO BOTTOM OF REFLECTIVE SURFACE	40" MAX.			
STORAGE FRONTAL APPROACH SIDE APPROACH DISTANCE FROM WHEEL CHAIR 0'-10" 10'-24"	48" MAX. 46" MAX.			
CONTROLS AND OPERATING MECHANISMS HIGHEST OPERABLE PART FRONTAL APPROACH SIDE APPROACH	48" MAX. 48" MAX.		40" MAX. 40" MAX.	44" MAX. 44" MAX.
TELEPHONES HIGHEST OPERABLE PART FRONTAL APPROACH SIDE APPROACH	48" MAX. 48" MAX.		40" MAX. 40" MAX.	44" MAX. 44" MAX.
FIXED OR BUILT-IN SEATING AND TABLES, READING AND STUDY AREAS, AND WORK STATIONS HEIGHT OF TABLES OR COUNTERS KNEE CLEARANCES	28"-34" 27"		26"-30" 24"	26"-30" 24"
DRESSING AND FITTING ROOMS TOP OF BENCH	17"-19"			
FOOD SERVICE LINES TOP OF TRAY SLIDE	28"-34"			
BABY CHANGER	34" MAX. TO CHANGING SHELF IN OPEN POSITION			

- TYPICAL RAMP NOTES:**
- PROVIDE TRUNCATED DOME DETECTABLE WARNING TEXTURE ARRANGED SO WATER WILL NOT ACCUMULATE. TYPICAL AT ALL RAMPS.
 - THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE A VISUAL (LIGHT REFLECTIVE VALUE) AND TEXTURE (DETECTABLE UNDER FOOT) THAT SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES.

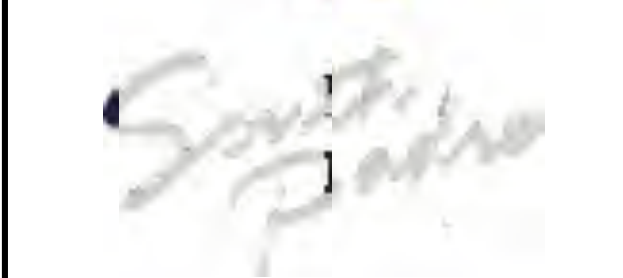
CURB RAMPS
 NOT TO SCALE

PROJECT

WALKOVER AT WHITE CAP CIRCLE

SOUTH PADRE ISLAND, TEXAS

CLIENT
CITY OF SOUTH PADRE ISLAND



SOUTH PADRE ISLAND, TEXAS

P: 956-761-3044
 F: 956-761-3898



MARK	DATE	DESCRIPTION

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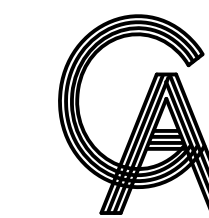
SHEET TITLE

ACCESSIBILITY STANDARDS

SHEET NO.

S1.2

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SEAL

PROJECT

**WALKOVER
AT WHITE CAP CIRCLE**

**SOUTH PADRE ISLAND,
TEXAS**

CLIENT

**CITY OF
SOUTH PADRE ISLAND**



**SOUTH PADRE ISLAND,
TEXAS**

P: 956-761-3044
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MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16

DATE 11-05-2021

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SCALE AS SHOWN

SHEET TITLE

**SITE AERIAL AND
GENERAL NOTES**

SHEET NO.

S1.3

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1 SITE AERIAL
N.T.S.

**REF. SHEET S1.4 FOR SITE IMPROVEMENT PLAN
AT WHITE CAP CIRCLE BEACH ACCESS**

GENERAL NOTES

SCOPE OF PROJECT

SCOPE OF WORK IS DEFINED BY THE DRAWINGS AND SPECIFICATIONS, INCLUDES ALL SUPERVISION, LABOR, MATERIALS, EQUIPMENT, PERMITTING AND FEES TO ACCOMPLISH THE WORK. THE SCOPE INCLUDES, BUT IS NOT LIMITED TO:

1. INSTALLATION OF NEW BEACH VEHICLE DRIVE OVER CONCRETE STRUCTURE AND WOOD WALKOVER STRUCTURE AT WHITE SANDS STREET, AND ASSOCIATED IMPROVEMENTS.

CODE COMPLIANCE

1. ALL WORK PERFORMED SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE, FEDERAL, AND LOCAL CODES, ORDINANCES, AND LAWS, INCLUDING THE INTERNATIONAL BUILDING CODE 2012 EDITION.
2. ALL DEMOLITION MATERIAL SHALL BE PROPERLY DISPOSED OF IN A LANDFILL MEETING ALL FEDERAL, STATE, AND LOCAL REGULATORY REQUIREMENTS. CONTRACTOR SHALL PROVIDE PROPER DOCUMENTATION FROM LANDFILL INDICATING PROPER DISPOSAL OF DEMOLITION MATERIAL.

COORDINATION

1. THE CONTRACTOR SHALL COORDINATE WORK BETWEEN ALL TRADES. ANY CONFLICTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO THE WORK BEING INSTALLED. FAILURE TO DO SO WILL MAKE THE CONTRACTOR RESPONSIBLE FOR THE COST OF THE WORK.

EXISTING CONDITIONS

1. THE CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK AND FULLY ACQUAINT THEMSELVES WITH THE EXISTING CONDITIONS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL OBTAIN ALL FIELD MEASUREMENTS AS NECESSARY TO COORDINATE NEW CONSTRUCTION TO EXISTING CONDITIONS.
3. IF EXISTING CONDITIONS DIFFER FROM THE DRAWINGS, INFORM THE ENGINEER AND ADDITIONAL DETAILS OR INTERPRETATION WILL BE PROVIDED. DO NOT PROCEED WITHOUT VERIFICATION.
4. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES, INCLUDING STORM SEWER SYSTEM LINES, WASTE WATER LINES, IRRIGATION LINES, ETC., PRIOR TO MOBILIZATION AND COMMENCEMENT OF WORK. CONTACT ALL CITY OF SOUTH PADRE ISLAND MUNICIPALITIES AS REQUIRED TO LOCATE UNDERGROUND UTILITIES. ANY COSTS TO REPAIR DAMAGES IF UTILITIES ARE NOT PROPERLY IDENTIFIED, ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

TEMPORARY BRACING, FALSEWORK AND FORMWORK

1. THE DESIGN, ENGINEERING, FABRICATION, CONSTRUCTION, ERECTION, REMOVAL AND OVERALL SAFETY OF ALL TEMPORARY SUPPORTS SUCH AS FALSEWORK, FORMWORK, SHORES AND BRACING REQUIRED FOR THE EXECUTION OF THE CONTRACT ARE NOT INCLUDED IN THE DRAWINGS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE ENGINEER'S EFFORTS ARE AIMED AT DESIGNING A PROJECT WHICH WILL BE SAFE AFTER FULL COMPLETION. THE ENGINEER HAS NO EXPERTISE IN, AND TAKES NO RESPONSIBILITY FOR, CONSTRUCTION MEANS AND METHODS OR JOB SITE SAFETY DURING CONSTRUCTION. SAFETY IS EXCLUSIVELY THE CONTRACTOR'S RESPONSIBILITY. PROCESSING AND/OR APPROVING SUBMITTALS MADE BY CONTRACTOR WHICH MAY CONTAIN INFORMATION RELATED TO SHORING, CONSTRUCTION METHODS OR SAFETY ISSUES, OR PARTICIPATION IN MEETINGS WHERE SUCH ISSUES MIGHT BE DISCUSSED, MUST NOT BE CONSTRUED AS VOLUNTARY ASSUMPTION BY ENGINEER OF ANY RESPONSIBILITY FOR THESE SAFETY PROCEDURES.

DOCUMENTATION OF PRE-CONSTRUCTION PHOTOGRAPHS

1. THE CONTRACTOR SHALL PHOTOGRAPH AND/OR VIDEO DOCUMENT AND TAKE WRITTEN NOTES OF EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF THE WORK ON THE SITE. COPIES OF ALL DOCUMENTATION TO BE PRESENTED TO THE OWNER PRIOR TO COMMENCING WORK.

PROTECTION OF EXISTING ADJACENT BUILDINGS

1. CONTRACTOR SHALL TAKE THE PROPER PRECAUTIONS NOT TO DAMAGE ADJACENT BUILDINGS DURING DEMOLITION.
2. THE CONTRACTOR SHALL TAKE PROPER PRECAUTION TO PROTECT ALL ADJACENT EXISTING TREES, LANDSCAPING, SITE LIGHTING, SIDEWALKS, AND SITE FEATURES FROM DAMAGE THROUGHOUT COURSE OF WORK. IF DAMAGED DURING THE COURSE OF THE WORK, REPAIR TO PRE-CONSTRUCTION CONDITION PRIOR TO COMPLETION OF THE PROJECT.

SAFETY

1. PERFORM ALL WORK IN A SAFE AND CONSCIENTIOUS MANNER TO PREVENT INJURIES.
2. CONTRACTOR SHALL MAINTAIN OSHA STANDARDS FOR JOB SAFETY AND WORKER PROTECTION, INCLUDING, BUT NOT LIMITED TO ADEQUATE PROTECTION, BARRICADES, SIGNS, ETC.
3. PEDESTRIAN PROTECTION REQUIREMENTS: PROVIDE CANOPY AND/OR BARRICADES AT SIDEWALKS AND OTHER PUBLICLY ACCESSIBLE AREAS WHICH MAY BE SUBJECT TO FALLING DEBRIS FROM THE WORK. COORDINATE ACCESS REQUIREMENTS WITH OWNER. BARRICADES AND CANOPY SHALL MEET OR EXCEED THE APPLICABLE REQUIREMENTS OF FEDERAL, STATE AND LOCAL LAWS, CODES, AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION. AS A MINIMUM, CANOPY SHALL COMPLY WITH SECTION 3306, "PROTECTION OF PEDESTRIANS" OF THE 2012 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC). UPON COMPLETION OF REMOVAL OF CANOPY AND BARRICADES, LEAVE PROPERTY IN GOOD CONDITION AS IT WAS PRIOR TO COMMENCEMENT OF WORK.
4. ALL CONSTRUCTION MATERIALS SHALL BE LOCKED-UP OR PLACED INSIDE A LOCKED CONSTRUCTION FENCE TO ENSURE MATERIALS DO NOT BECOME WINDBORNE OR CAUSE INJURY TO RESIDENTS, VISITORS OR PUBLIC.
5. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY. THE OWNER AND ENGINEER EXPRESSLY EXCLUDE ANY RESPONSIBILITY FOR CONTRACTOR SAFETY OR SAFETY OF JOBSITE.

TEMPORARY FACILITIES

1. COORDINATE LOCATION AND PLACEMENT OF FIELD OFFICE, MATERIAL STORAGE, PORTABLE TOILET, DUMPSTERS, ETC. WITH OWNER PRIOR TO CONSTRUCTION.

USE OF THE PREMISES

1. EQUIPMENT ACCESS TO BE SCHEDULED WITH OWNERS REPRESENTATIVE 48 HOURS IN ADVANCE.
2. TYPICAL HOURS OF WORK: 7:00 AM - 7:00 PM - MONDAY - FRIDAY, 8:00 AM - 7:00 PM - SATURDAY, 9:00 AM - 5:00 PM - SUNDAY, UNLESS OTHER ARRANGEMENTS MADE WITH OWNER'S REPRESENTATIVE. PRIOR TO COMMENCING WORK, COORDINATE HOURS OF WORK WITH THE OWNER TO MINIMIZE IMPACT TO THE SITE'S DAY-TO-DAY OPERATIONS.
3. MAINTAIN PUBLIC ACCESS FOR THE DURATION OF THE PROJECT, OR AS REQUIRED BY OWNER.
4. AN ON-SITE STORAGE AREA IS TO BE ESTABLISHED DURING CONSTRUCTION. STORAGE IS TO BE PROTECTED IN A SECURE WEATHERPROOF LOCATION TO PREVENT DAMAGE TO THE CONTENTS.
5. PROVIDE REGULAR SITE CLEAN UP. STORE MATERIALS IN A NEAT AND ORDERLY MANNER.
6. DO NOT PLACE LOADS ON THE EXISTING ADJACENT STRUCTURES OR STORE DEMOLISHED MATERIALS ON THE STRUCTURES IN A MANNER THAT WILL DAMAGE THEM.
7. WORKERS SHALL BE PROPERLY DRESSED AND DISPLAY APPROPRIATE BEHAVIOR AT ALL TIMES IN CONSTRUCTION AND ADJACENT AREAS.
8. REPAIR/RESTORE DAMAGED LAWN OR OTHER LANDSCAPING AT COMPLETION OF THE WORK AT NO COST TO OWNER.
9. REFERENCE "TOWN OF SOUTH PADRE ISLAND BUILDING CONSTRUCTION SITE MANAGEMENT NOTICE" FOR ADDITIONAL REQUIREMENTS.

SITE MAINTENANCE

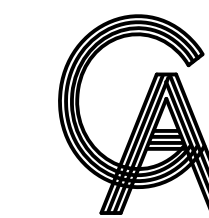
1. MAINTAIN AREAS FREE OF WASTE MATERIALS, DEBRIS, AND RUBBISH.
2. MAINTAIN SITE IN A CLEAN AND ORDERLY CONDITION. AREAS USED AS PATHWAYS TO TRANSPORT MATERIALS OR TO REMOVE TRASH THAT ARE NOT DIRECTLY UNDER CONSTRUCTION ARE TO BE KEPT CLEAN.

FIRE PROTECTION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE PROTECTION AND FIRE WATCH DURING ALL CONSTRUCTION OPERATIONS.
2. NO SMOKING SHALL BE PERMITTED AT THE SITE. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FIRE EXTINGUISHERS UNTIL SUBSTANTIAL COMPLETION.

HAZARDOUS MATERIALS ABATEMENT/ MANAGEMENT

1. THE ENGINEER HAS NO RESPONSIBILITY OR LIABILITY FOR DESIGN, REMOVAL OF, OR TESTING FOR ASBESTOS/LEAD, OR FOR ABATEMENT /MANAGERIAL TREATMENTS, MONITORING, AND LEGAL DISPOSAL OF MATERIALS. CONTRACTOR SHALL DETERMINE IF ANY HAZARDOUS MATERIAL ABATEMENT/ MANAGEMENT IS REQUIRED AND SHALL INCLUDE COSTS THEREOF IN THE BID.



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SEAL

PROJECT

**WALKOVER
 AT WHITE CAP CIRCLE**

**SOUTH PADRE ISLAND,
 TEXAS**

CLIENT

**CITY OF
 SOUTH PADRE ISLAND**



**SOUTH PADRE ISLAND,
 TEXAS**

P: 956-761-3044
 F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16

DATE 11-05-2021

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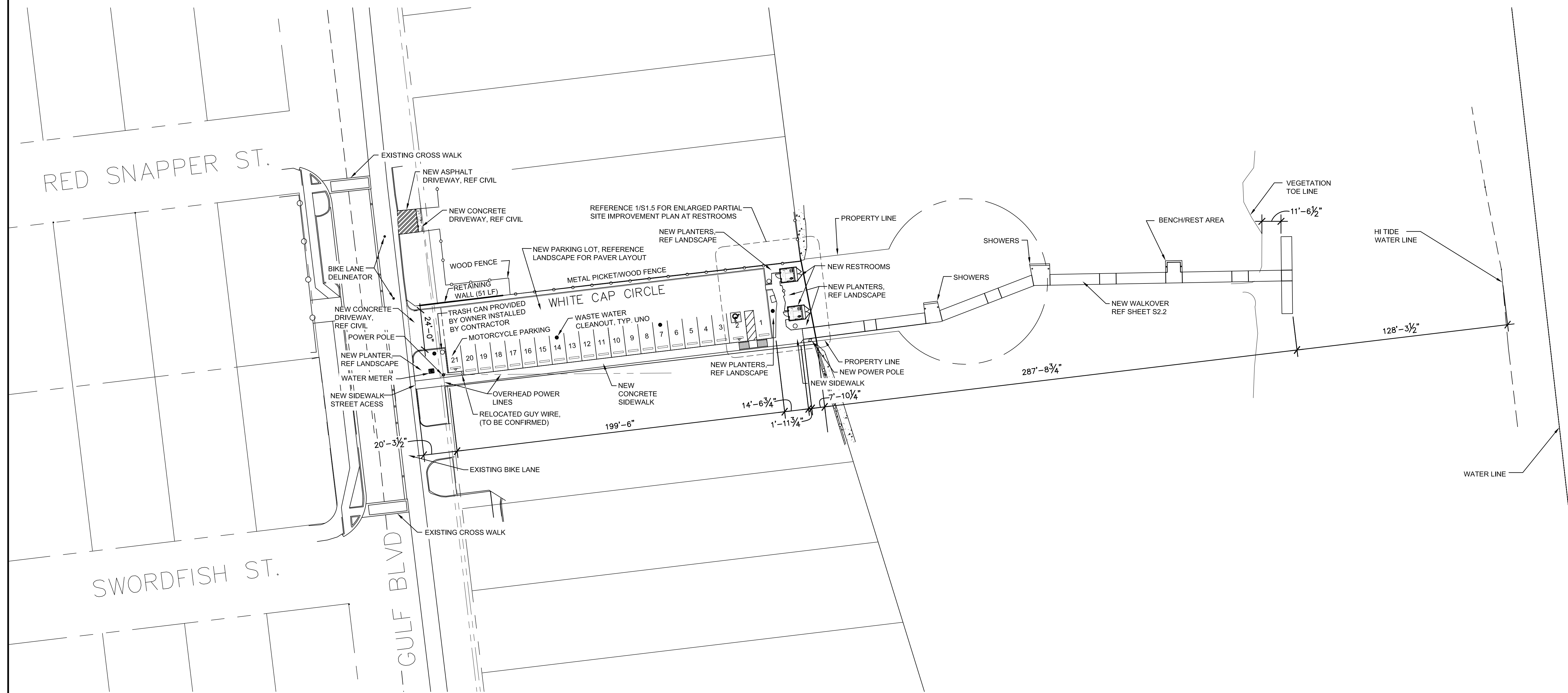
SHEET TITLE

**SITE
 IMPROVEMENT
 PLAN**

SHEET NO.

S1.4

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**WHITE CAP CIRCLE BEACH ACCESS
 SITE IMPROVEMENT PLAN**

1

1/32" = 1'-0"

WHITE CAP CIRCLE
 BEACH ACCESS



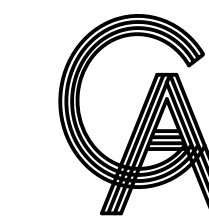
PLAN NORTH

NOTES:

- UNLESS OTHERWISE NOTED ON IMPROVEMENT KEY LEGEND, ALL EXISTING SITE COMPONENTS SHALL REMAIN
- REFER TO CIVIL DRAWINGS FOR ADDITIONAL SCOPE TO BE PERFORMED UNDER THIS CONTRACT.
- REFER TO CIVIL DRAWINGS FOR GRADING PLAN & TOPOGRAPHIC SURVEY.

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SEAL

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 AT WHITE CAP CIRCLE**

**SOUTH PADRE ISLAND,
 TEXAS**

CLIENT

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DATE	11-05-2021
DRAWN BY	LC
CHECKED BY	BD
SCALE	AS SHOWN

SHEET TITLE
**SITE
 IMPROVEMENT
 PLAN WITH
 AERIAL OVERLAY**

SHEET NO.

S1.4A



RED SNAPPER ST.

SWORDFISH ST.

GULF BLVD

**WHITE CAP CIRCLE BEACH ACCESS
 SITE IMPROVEMENT PLAN**

1

1/32" = 1'-0"

WHITE CAP CIRCLE
 BEACH ACCESS

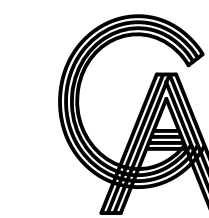


PLAN NORTH

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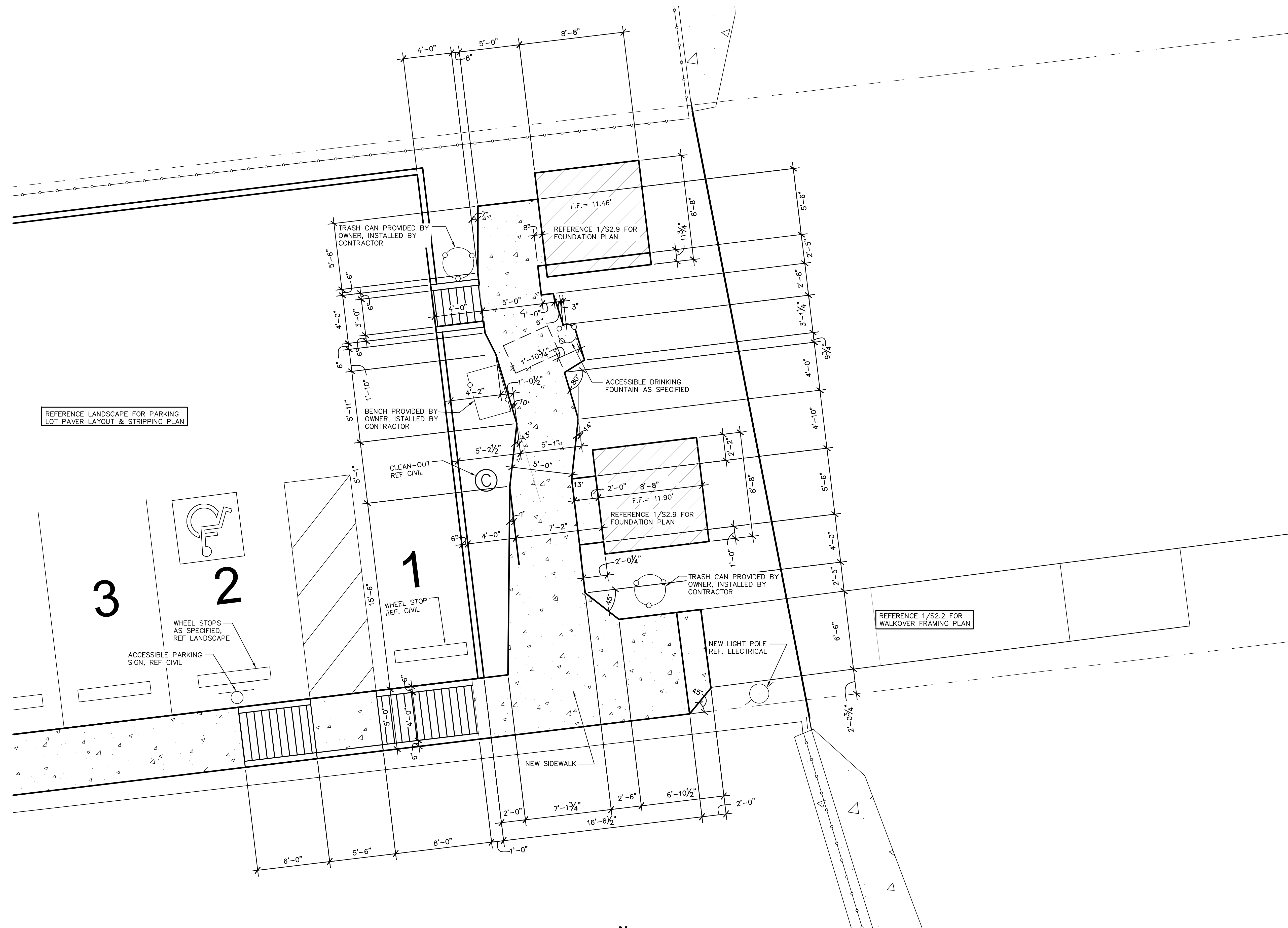
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SCALE AS SHOWN

SHEET TITLE
**ENLARGED SITE
 IMPROVEMENT
 PLAN**

SHEET NO.

S1.5



**1 ENLARGED PARTIAL SITE
 IMPROVEMENT PLAN AT RESTROOMS**
 1/4" = 1'-0"
 WHITE CAP CIRCLE
 BEACH ACCESS
 PLAN NORTH

- NOTES:
 1. REFERENCE SHEET S1.4 FOR OVERALL SITE IMPROVEMENT PLAN.

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GENERAL STRUCTURAL NOTES

SPECIAL INSPECTIONS

SPECIAL INSPECTIONS INDEPENDENT OF THE CONTRACTOR, THE ARCHITECT, OR THE ENGINEER, SHALL BE PROVIDED BY A SPECIAL INSPECTOR EMPLOYED BY THE OWNER ACCORDING TO CHAPTER 17 OF THE IBC 2018. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR SHALL SEND WRITTEN REPORTS TO THE OWNER, THE ARCHITECT, THE ENGINEER AND THE CONTRACTOR. THE REPORTS SHALL INDICATE IF WORK INSPECTED WAS DONE IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE SPECIAL INSPECTOR SHALL BRING THE DISCREPANCIES TO THE ATTENTION OF THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING THAT THE SPECIAL INSPECTION WORK WAS, TO THE BEST OF THEIR KNOWLEDGE, IN OR NOT IN CONFORMANCE WITH THE DRAWINGS, SPECIFICATIONS AND APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC 2018.

CONTINUOUS OR PERIODIC SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK:

REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X
PERFORM CLASSIFICATION AND TESTING OF SELECT FILL MATERIALS		X
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF SELECT FILL	X	
PRIOR TO PLACEMENT OF SELECT FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X

REQUIRED VERIFICATION AND INSPECTION OF PIER FOUNDATIONS

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
OBSERVE DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS OF EACH PIER	X	
VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM PIER DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END BEARING STRATA CAPACITY	X	
FOR CONCRETE PIERS, PERFORM ADDITIONAL INSPECTIONS AS REQUIRED FOR CONCRETE CONSTRUCTION		

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

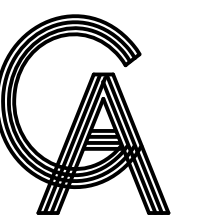
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT		X
INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE	X	
VERIFY USE OF REQUIRED DESIGN MIX		X
PERFORM SLUMP AND AIR CONTENT TEST, AND DETERMINE THE TEMPERATURE OF THE CONCRETE AT THE TIME OF SAMPLING FRESH CONCRETE FOR MAKING SPECIMENS FOR STRENGTH TESTS PER ACI 318	X	
INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	
INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X
INSPECTION OF PRESTRESSED CONCRETE APPLICATION OF PRESTRESSING FORCES	X	
VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS		X
ERECTION OF PRECAST CONCRETE MEMBERS		X
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X

REQUIRED VERIFICATION AND INSPECTION OF ANCHORS

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
CAST-IN-PLACE, POST-INSTALLED, MECHANICAL AND EPOXY SET ANCHORS:		
AS APPLICABLE, THE INSPECTION PROGRAM SHALL VERIFY THE ANCHOR TYPE, EMBEDMENT, TIGHTENING TORQUE, DIMENSIONS, HOLE DEPTH & DIAMETER AND CLEANOUT, EPOXY MIXING AND PLACEMENT PROCEDURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE CURRENT ICC-ES EVALUATION REPORT		FREQUENCY OF INSPECTION SHALL BE IN ACCORDANCE WITH THE CURRENT ICC-ES EVALUATION REPORT, OR PER THE SPECIAL INSPECTION REQUIREMENTS OF THE ANCHOR SUBSTRATE, WHICHEVER IS MORE STRINGENT

REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS		X
INSPECTION OF HIGH STRENGTH BOLTING		X
INSPECTION OF WELDING:		
COMPLETE AND PARTIAL PENETRATION GROOVE WELDS	X	
MULTIPASS FILLET WELDS	X	
SINGLE-PASS FILLET WELDS		X
FLOOR AND ROOF DECK WELDS		X
INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS		X



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SEAL

PROJECT

**WALKOVER
AT WHITE CAP CIRCLE**

**SOUTH PADRE ISLAND,
TEXAS**

CLIENT

**CITY OF
SOUTH PADRE ISLAND**



**SOUTH PADRE ISLAND,
TEXAS**

P: 956-761-3044
F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16

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SCALE AS SHOWN

SHEET TITLE

**GENERAL
STRUCTURAL
NOTES**

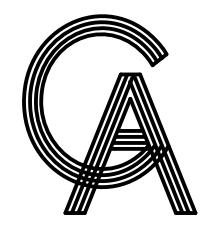
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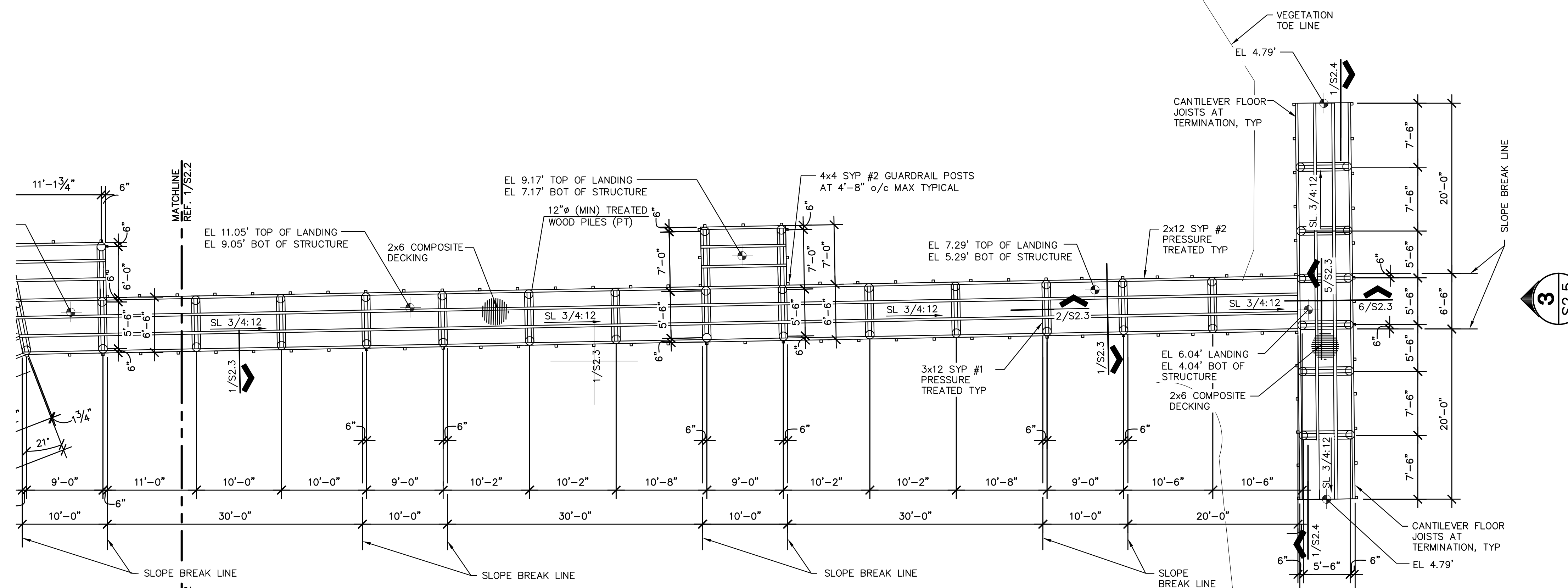
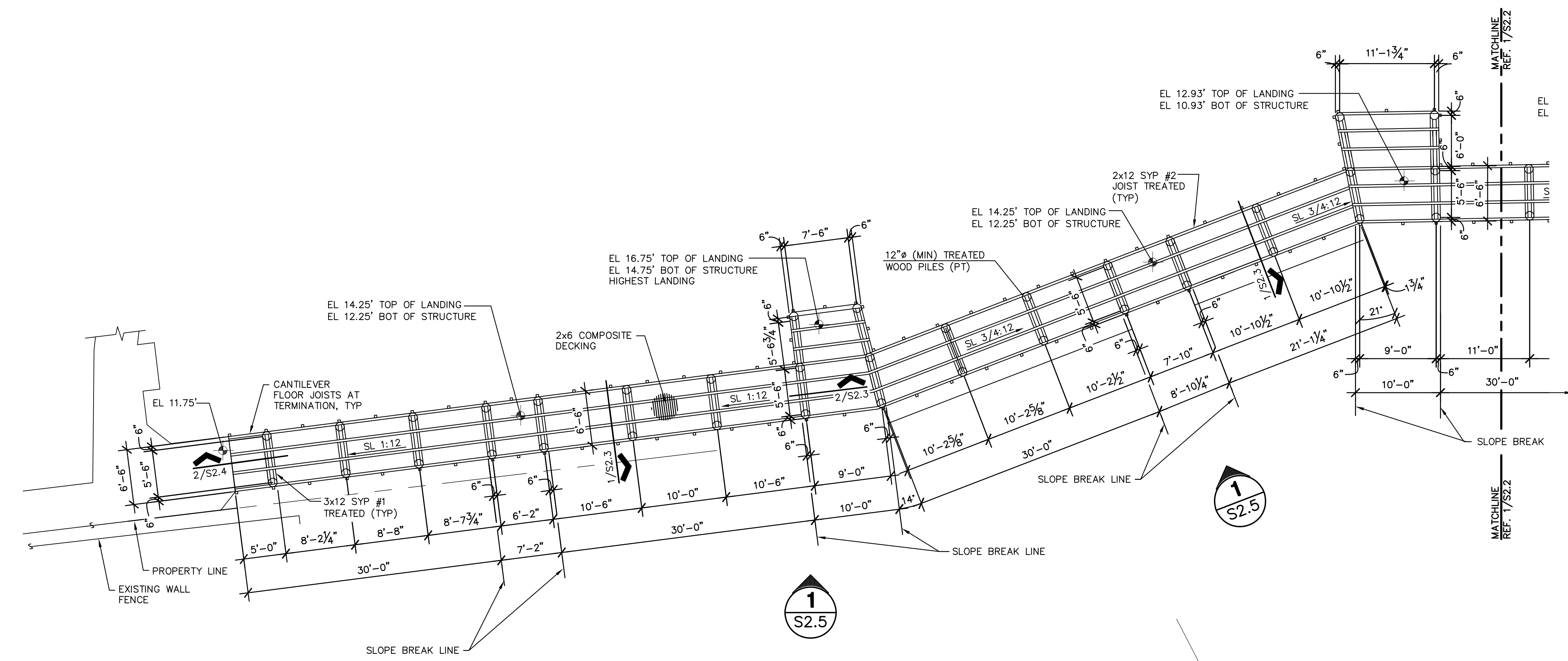
PLAN NORTH




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1 WALKOVER FRAMING PLAN
 1/8" = 1'-0"

- NOTES:
- ALL LUMBER SHALL BE PRESSURE TREATED WITH WOOD PRESERVATIVES AND SHALL BEAR AN APPROVED AWPB QUALITY MARK. WOOD PRESERVATIVES SHALL BE FREE OF ARSENIC AND CHROMIUM.
 - ALL PILES SHALL BE EMBEDDED BELOW THE BOTTOM OF DUNE LINE AS STATED BELOW, REF. CIVIL DRAWINGS FOR GRADING PLAN:
- | DIAMETER | TOTAL LENGTH | MINIMUM EMBEDMENT |
|----------|--------------|-------------------|
| 12" | 20'-0" | 12'-0" |
- FLOOR DECKING SHALL BE 2x6 COMPOSITE PLANKS MANUFACTURED BY TREX COMPANY, INC., OR APPROVED EQUIVALENT.



PROJECT
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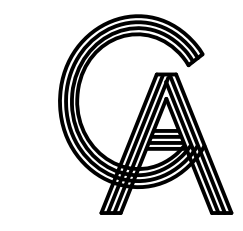
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SHEET TITLE
PEDESTRIAN WALKOVER FRAMING PLAN

SHEET NO.
S2.2

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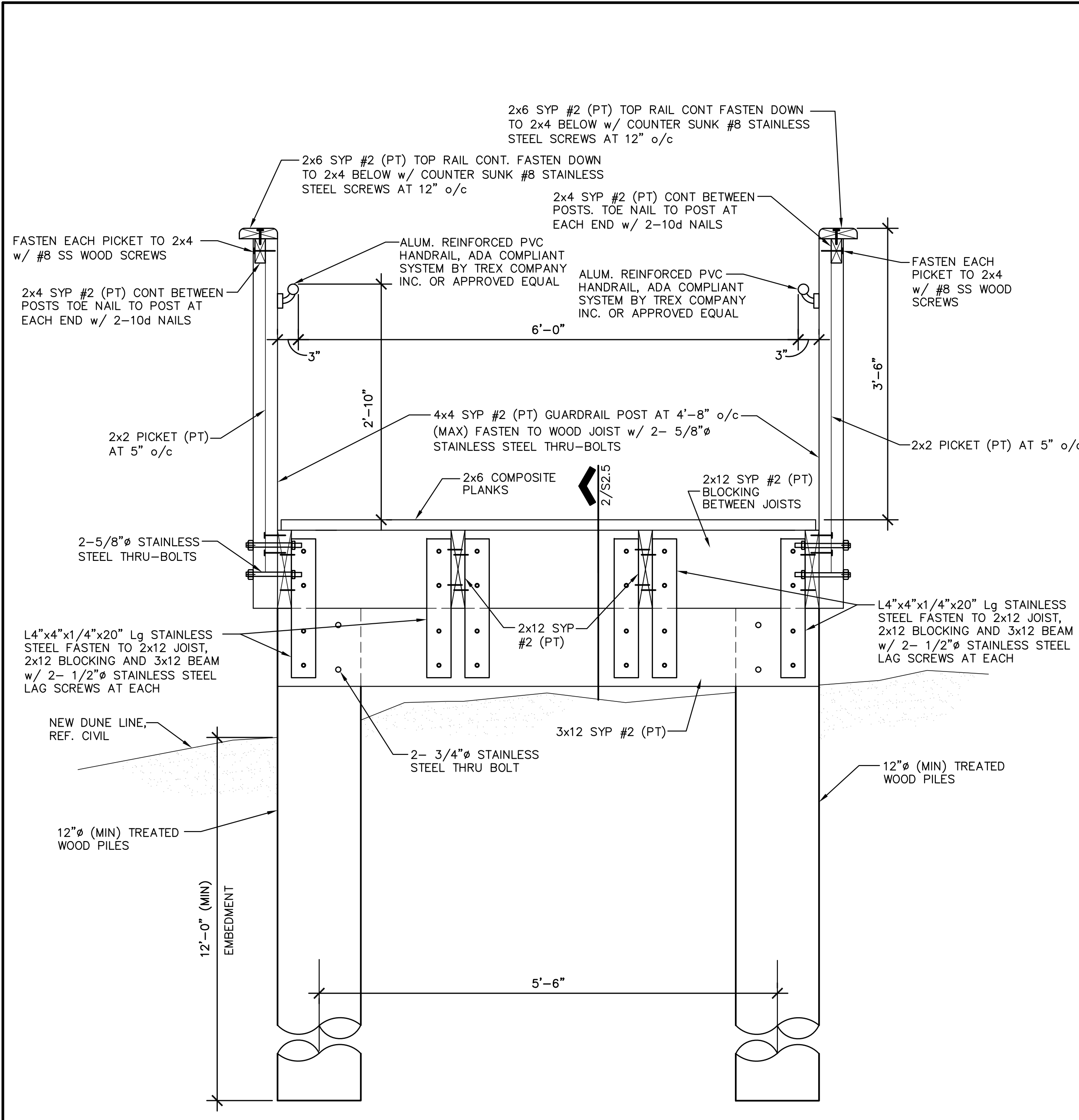
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SHEET TITLE
**FRAMING
 DETAILS**

SHEET NO.

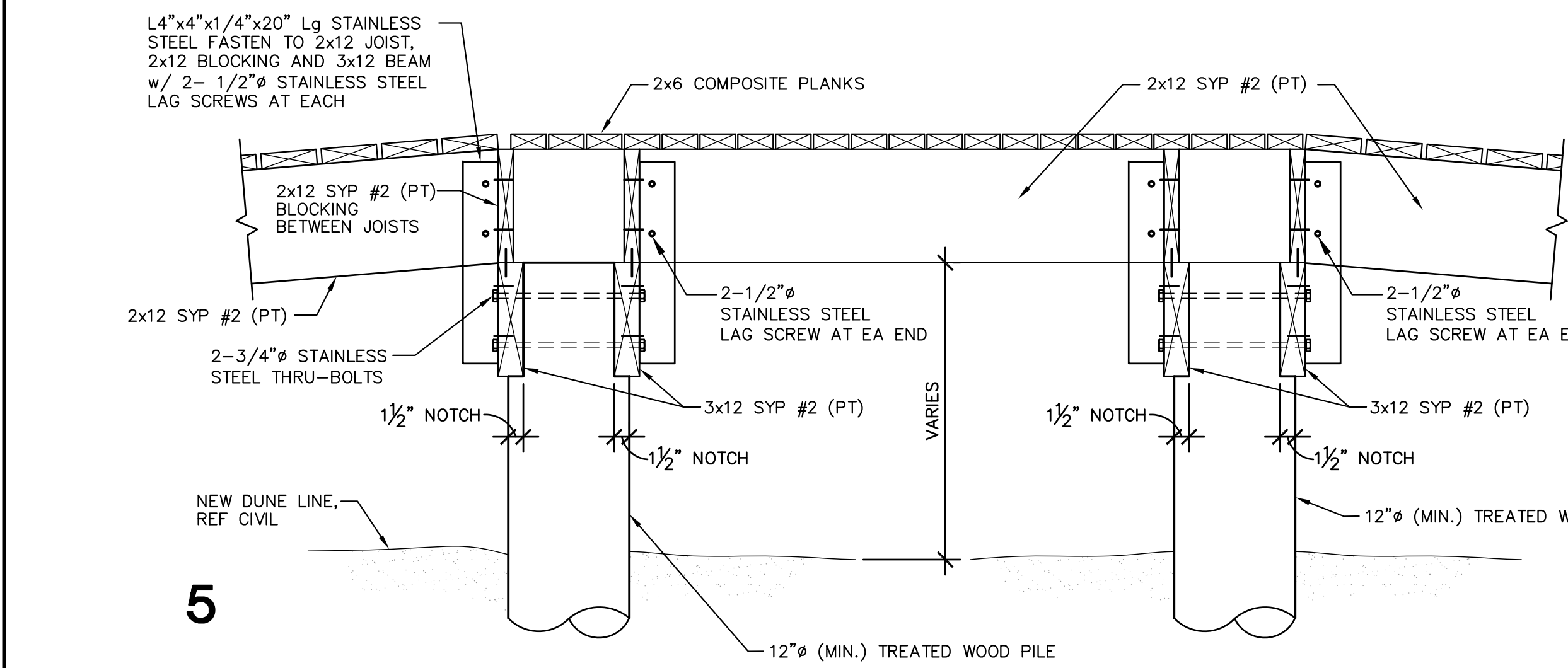
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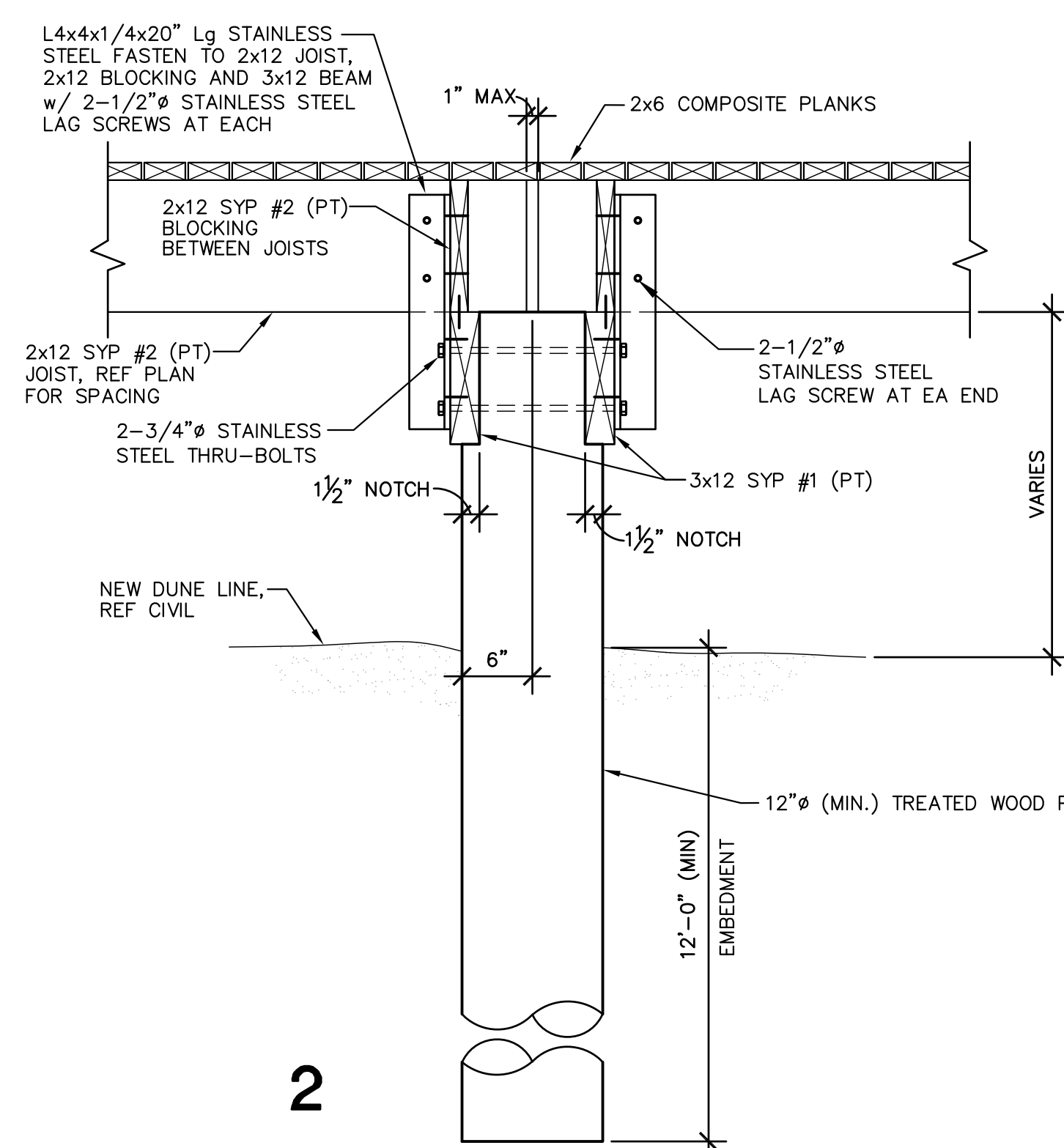


1 TYPICAL BOARDWALK SECTION

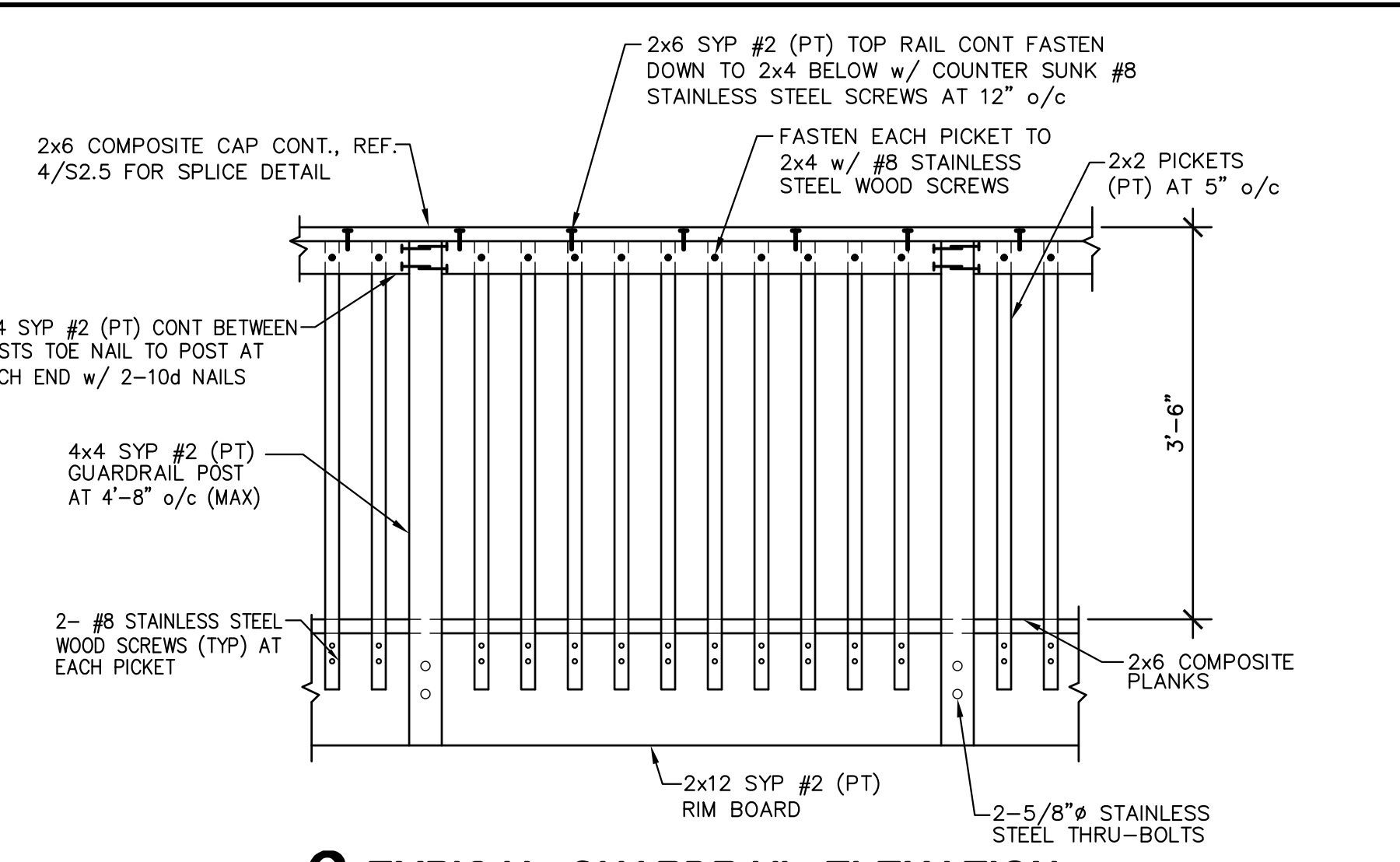
NOTES:
 1. SECURE DECK PLANKS PER MANUFACTURER'S RECOMMENDATIONS.



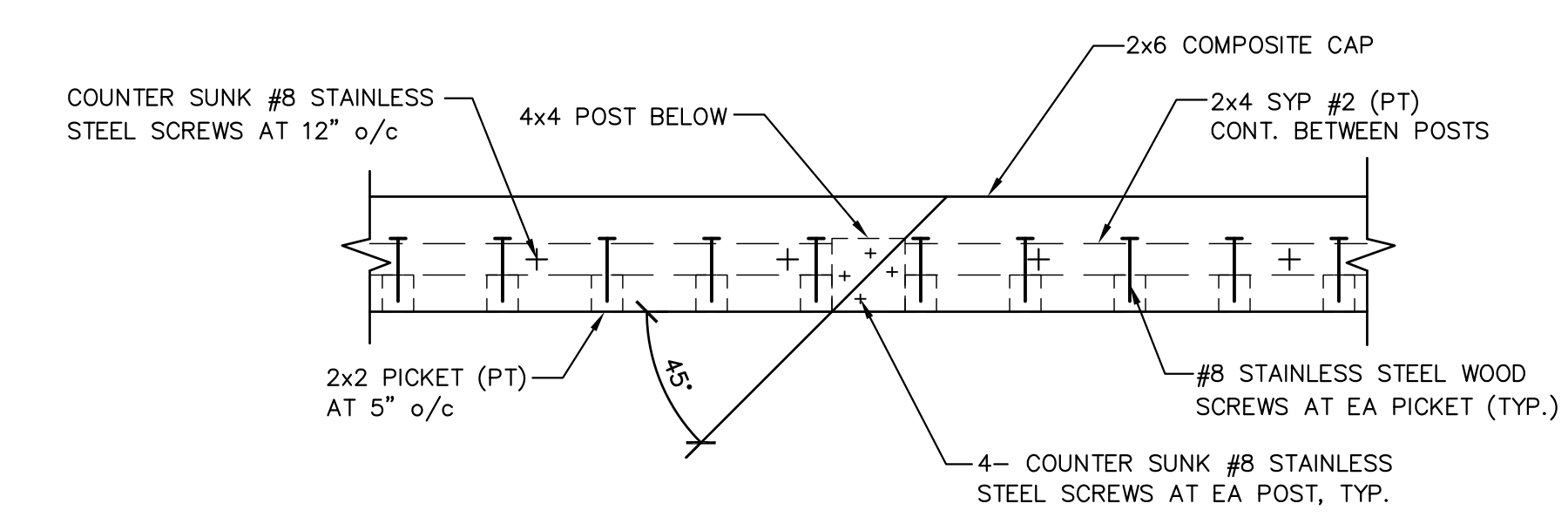
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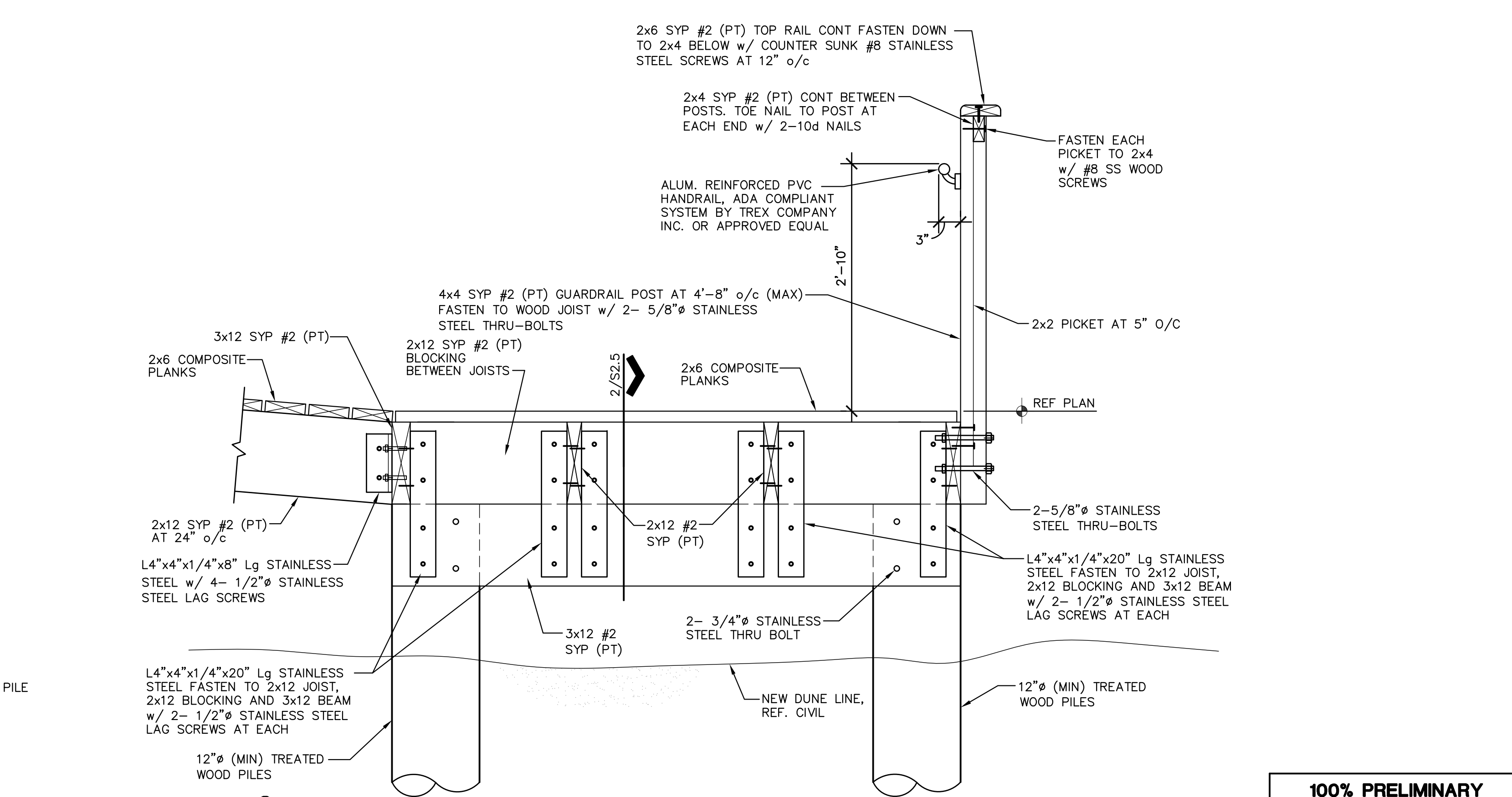
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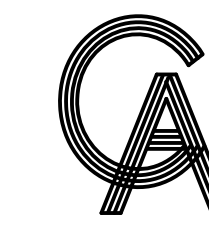
3 TYPICAL GUARDRAIL ELEVATION



4 2x6 GUARDRAIL SPLICE DETAIL
 1.1/2" = 1'-0"



6




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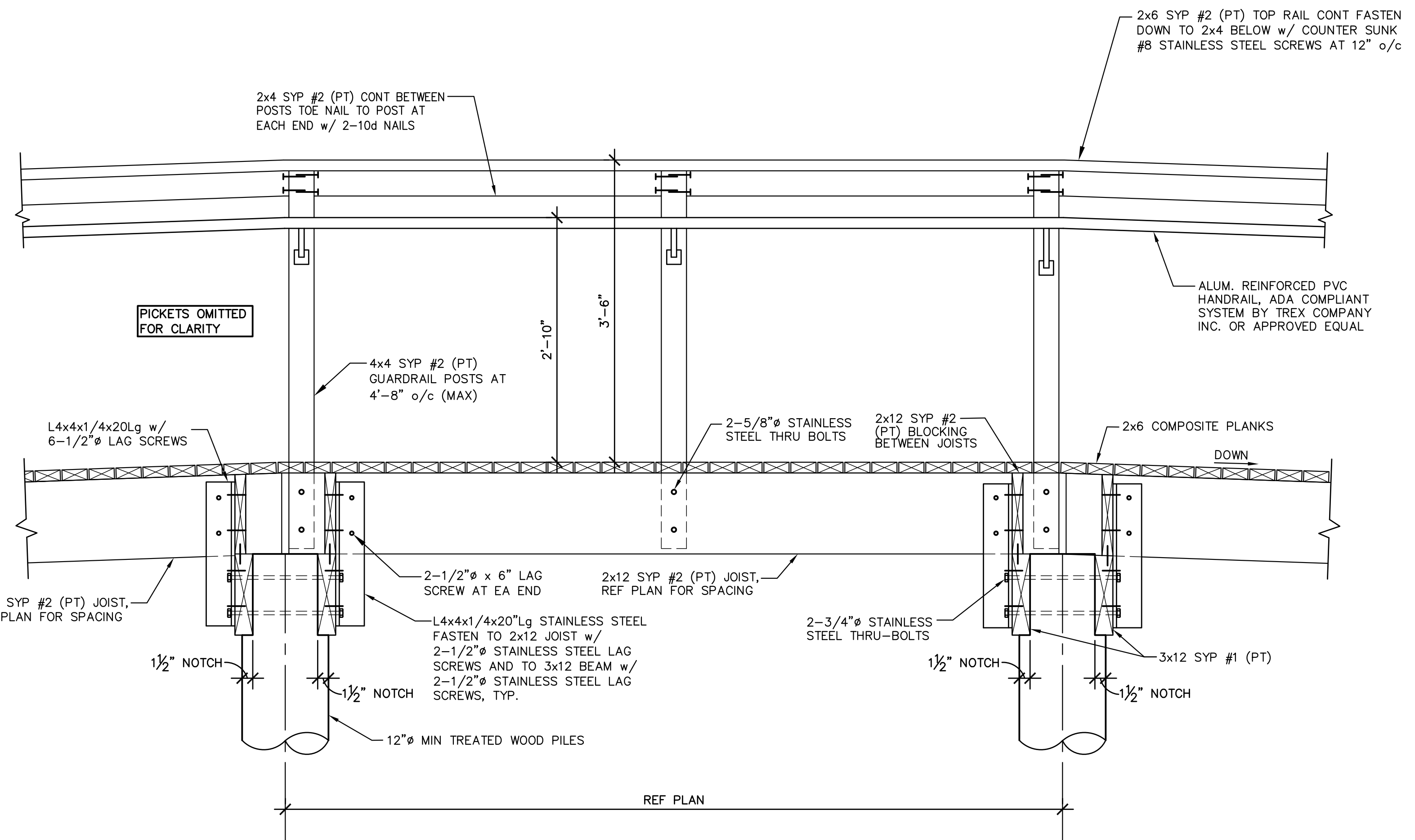
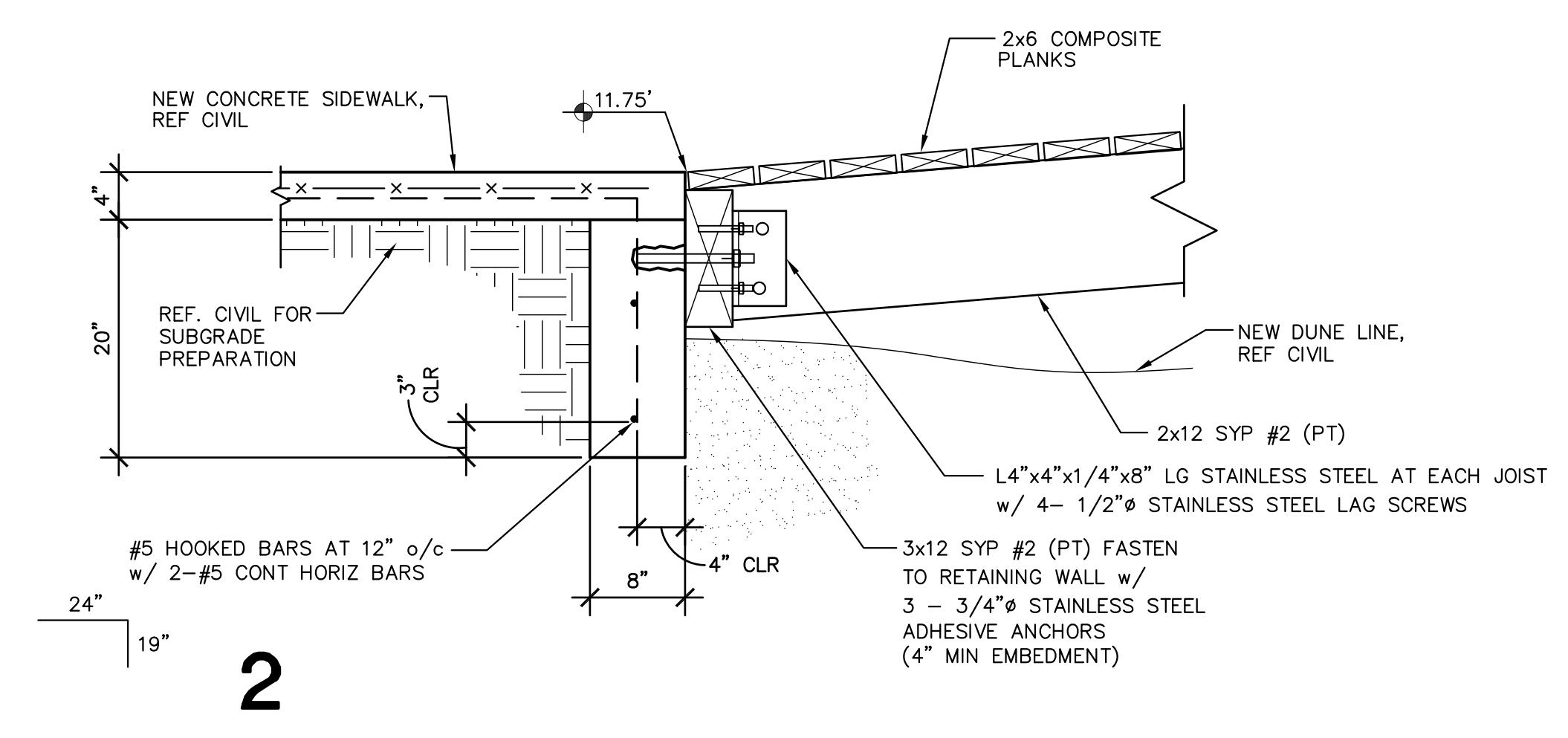
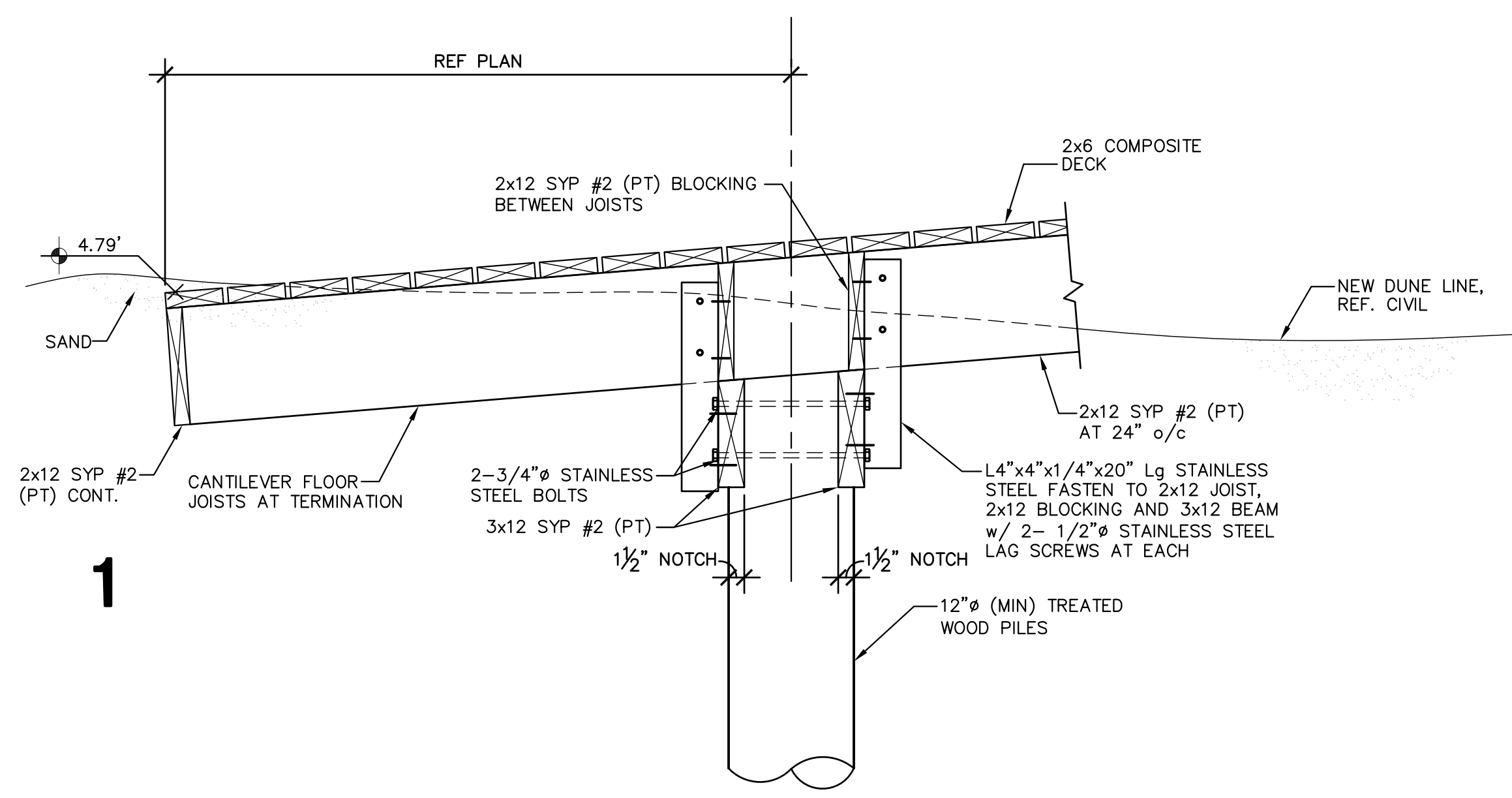
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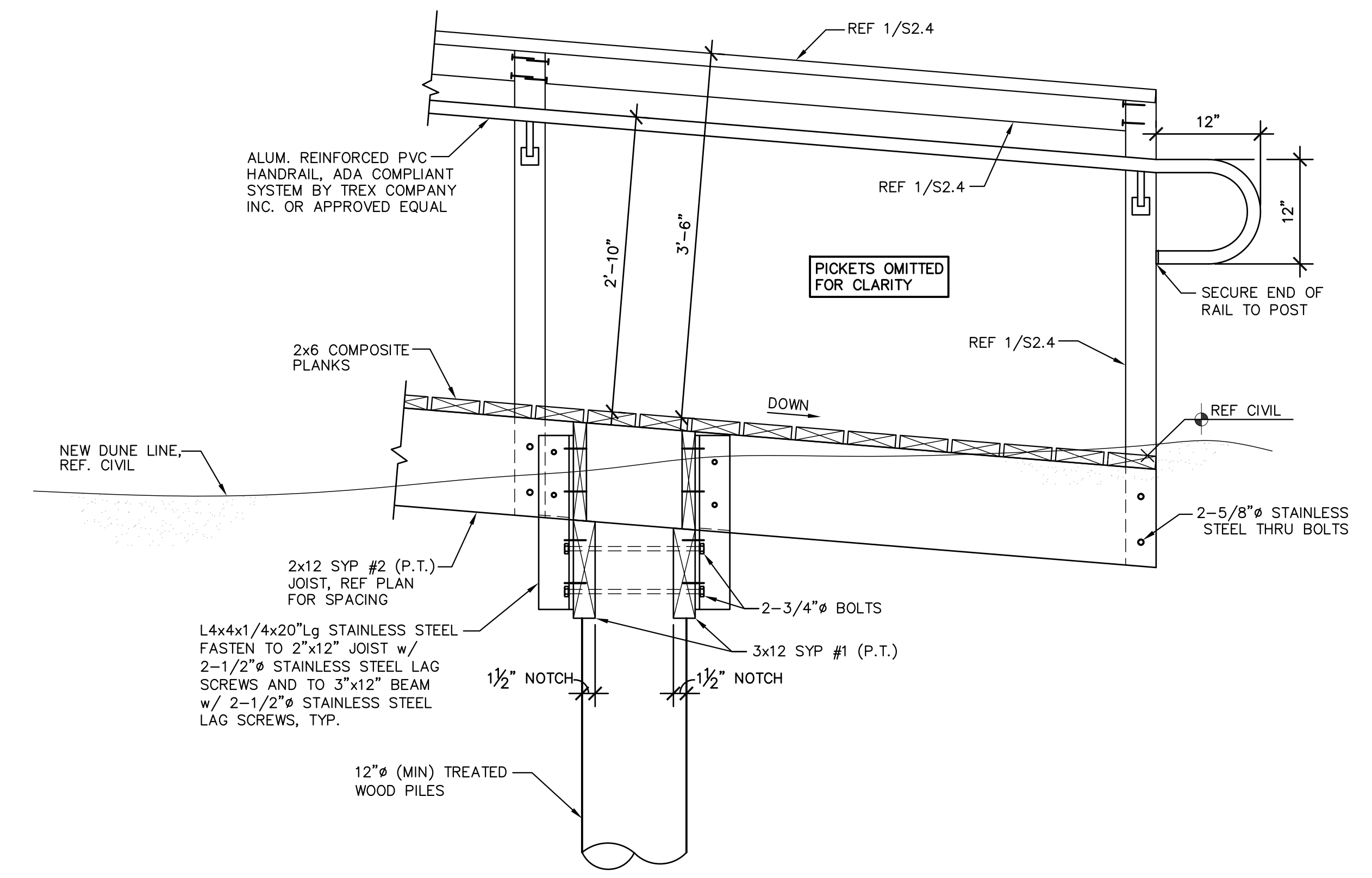
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FRAMING DETAILS

SHEET NO.
S2.4

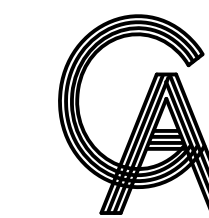
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3 HANDRAIL ELEVATION

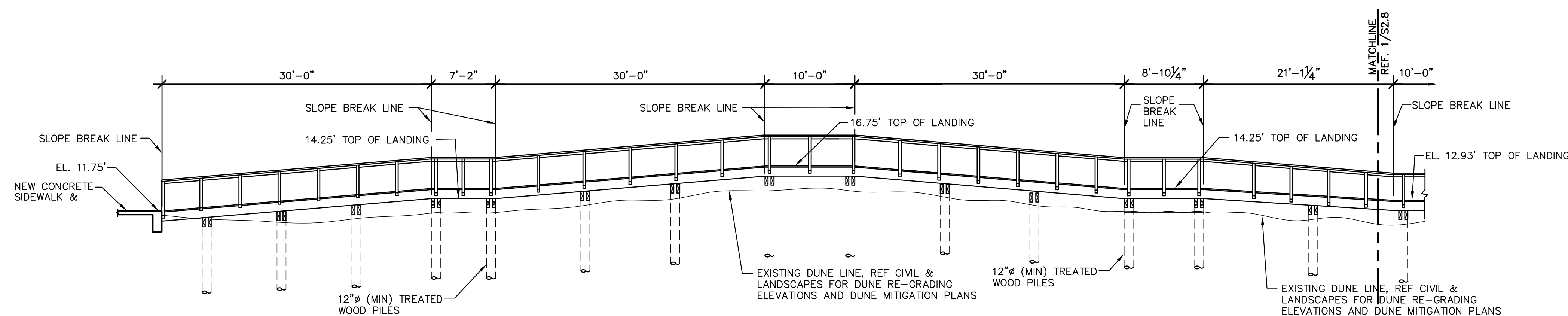


4 HANDRAIL ELEVATION

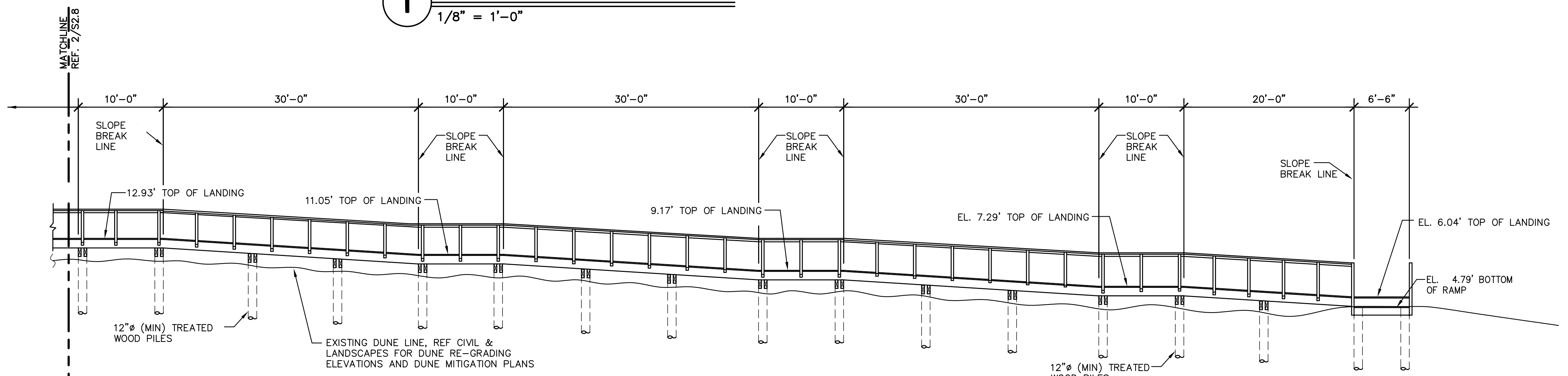


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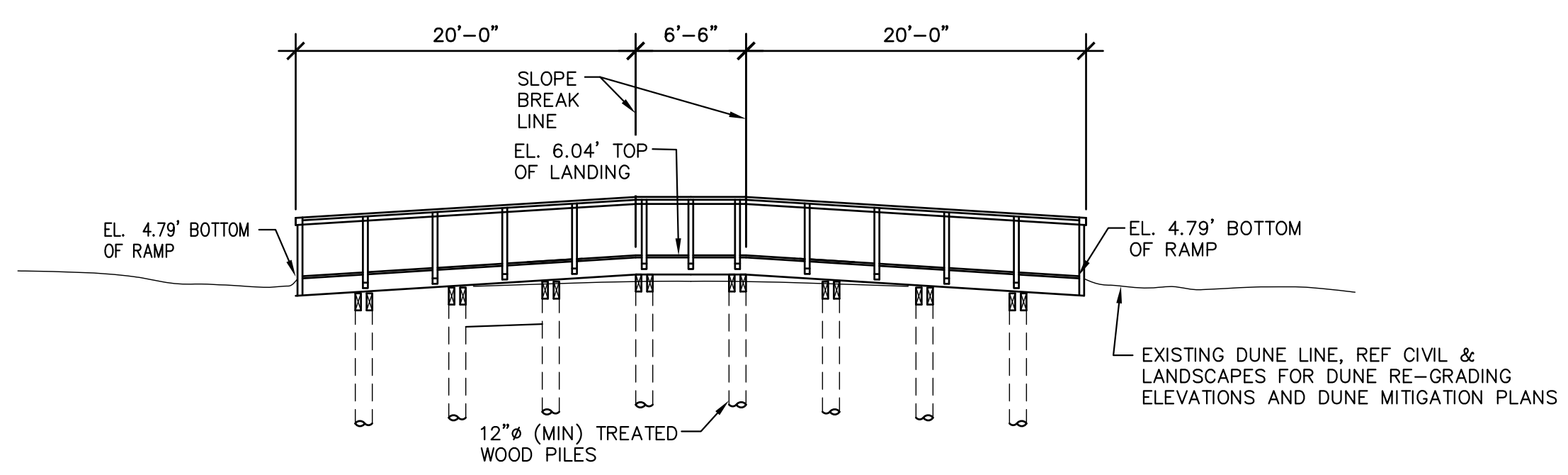
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1 WALKOVER ELEVATION
 1/8" = 1'-0"



2 WALKOVER ELEVATION
 1/8" = 1'-0"

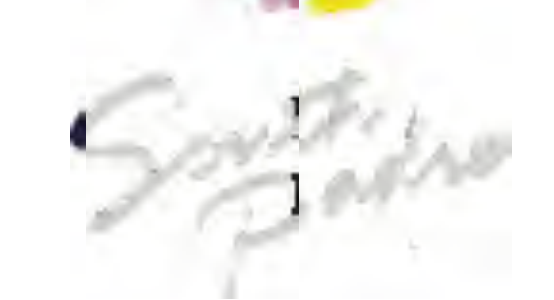


3 WALKOVER ELEVATION
 1/8" = 1'-0"

PROJECT
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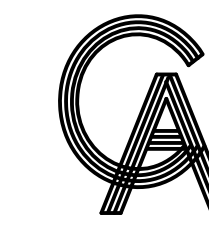
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SHEET TITLE
**WALKOVER
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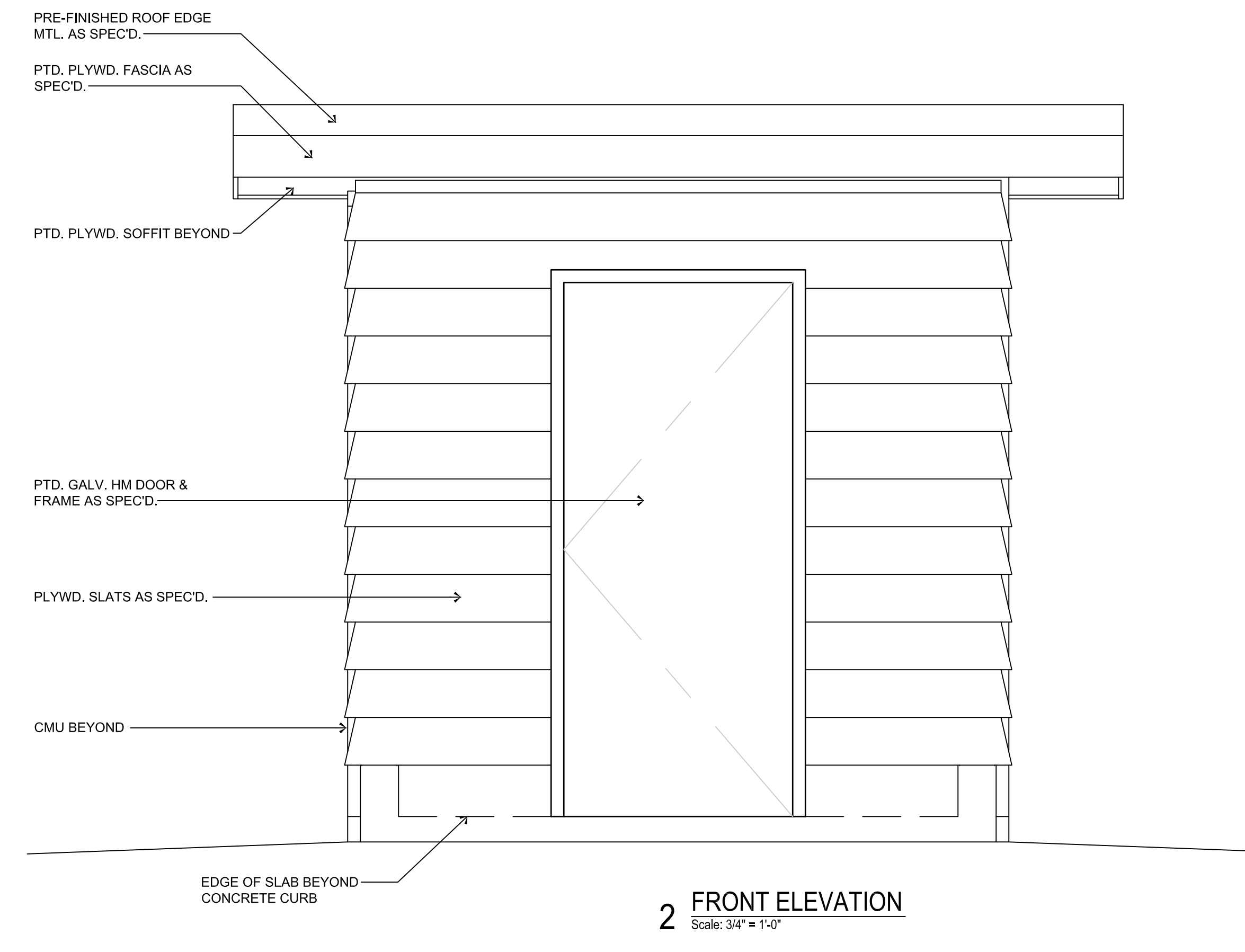
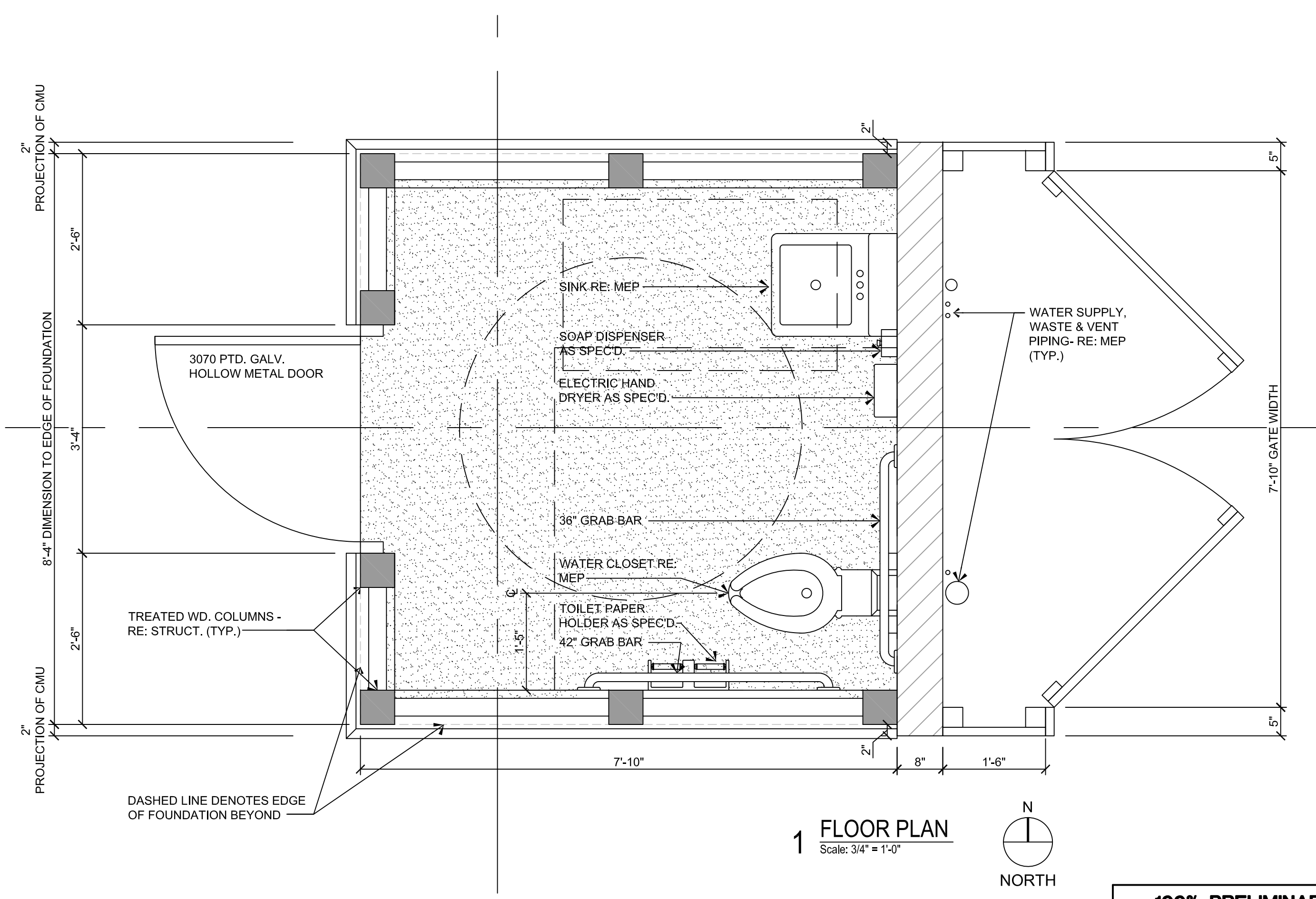
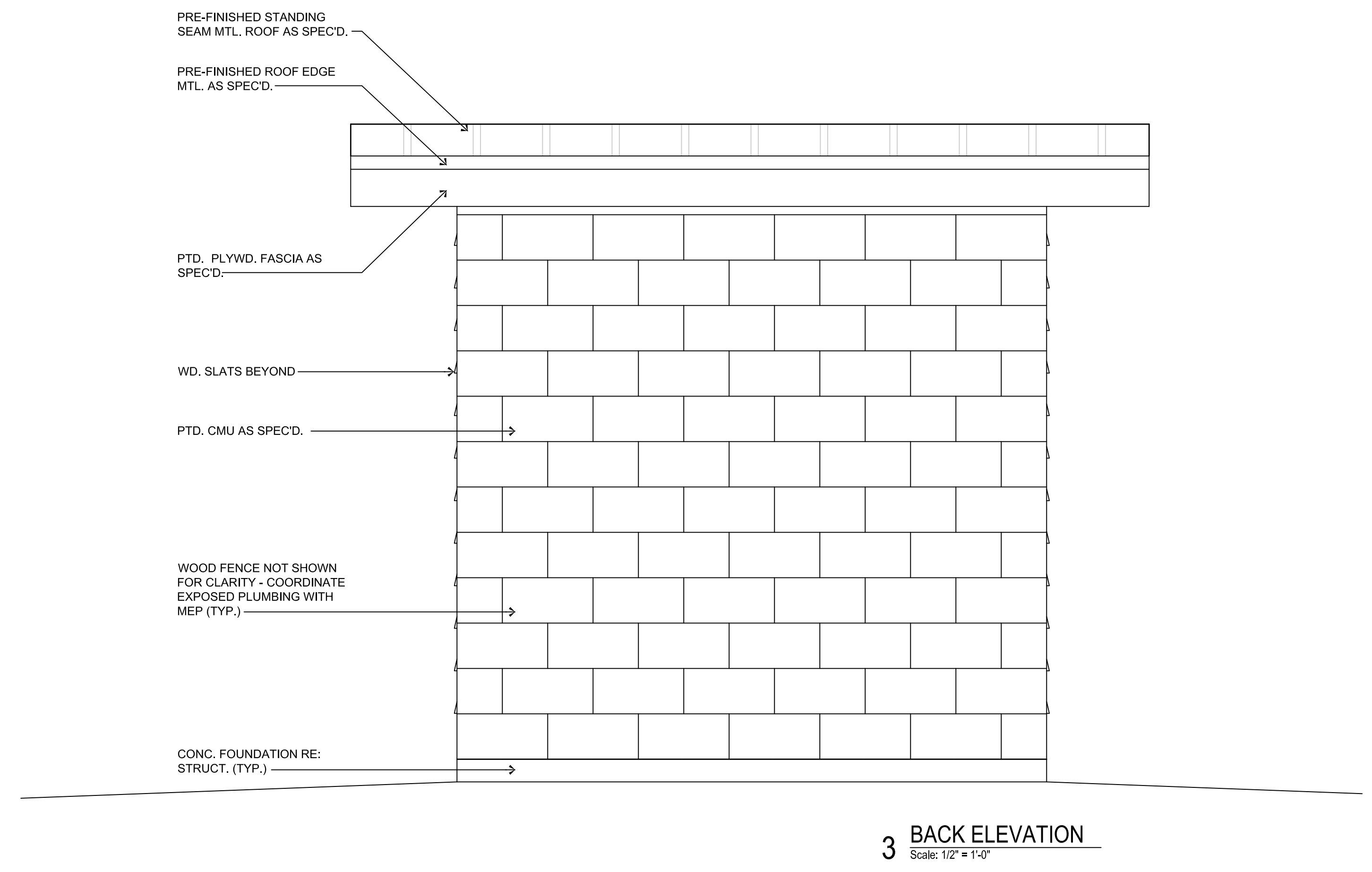
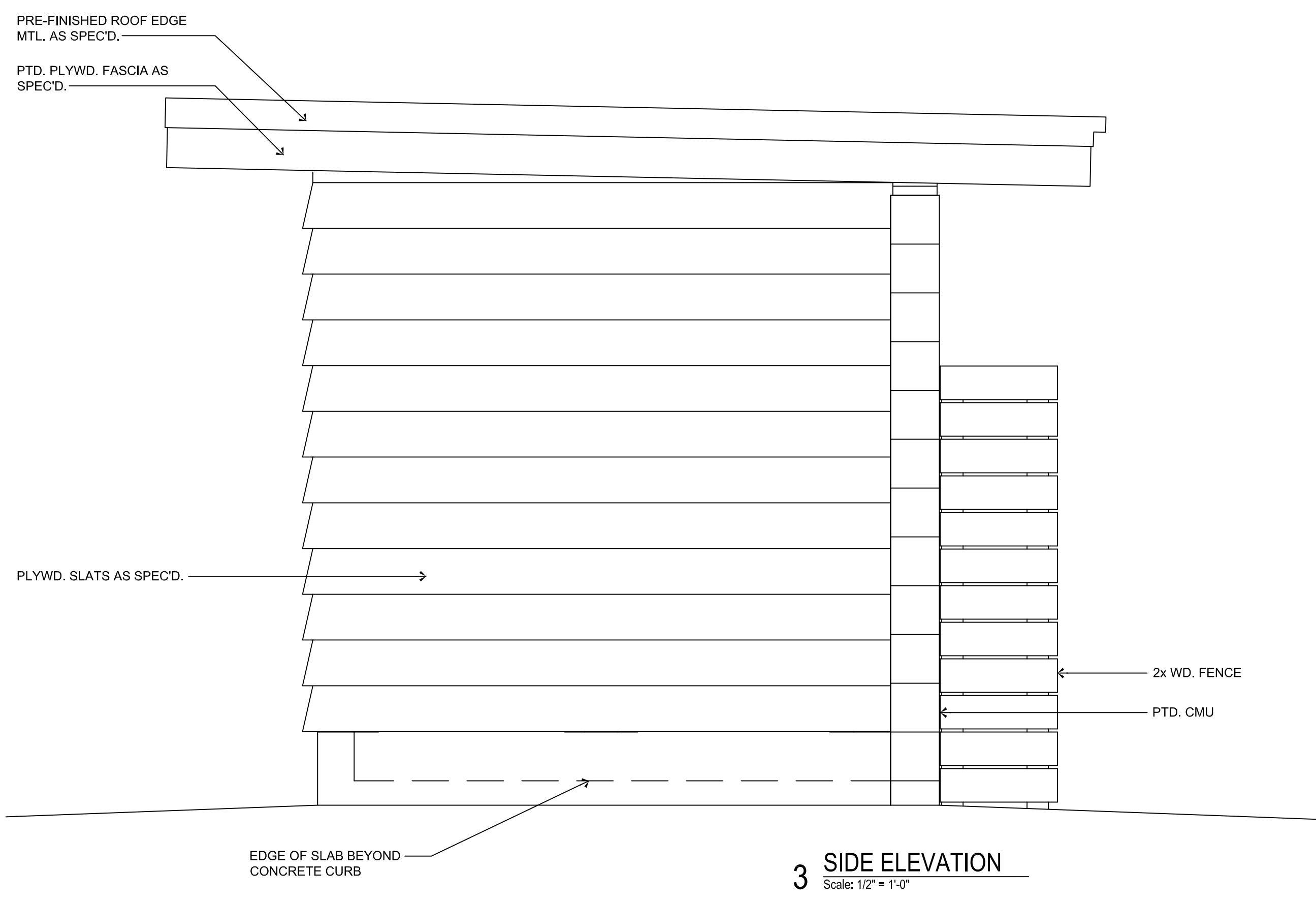
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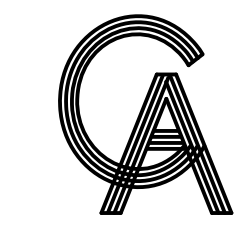
**RESTROOM
 PLAN AND
 ELEVATIONS**

SHEET NO.

S2.6

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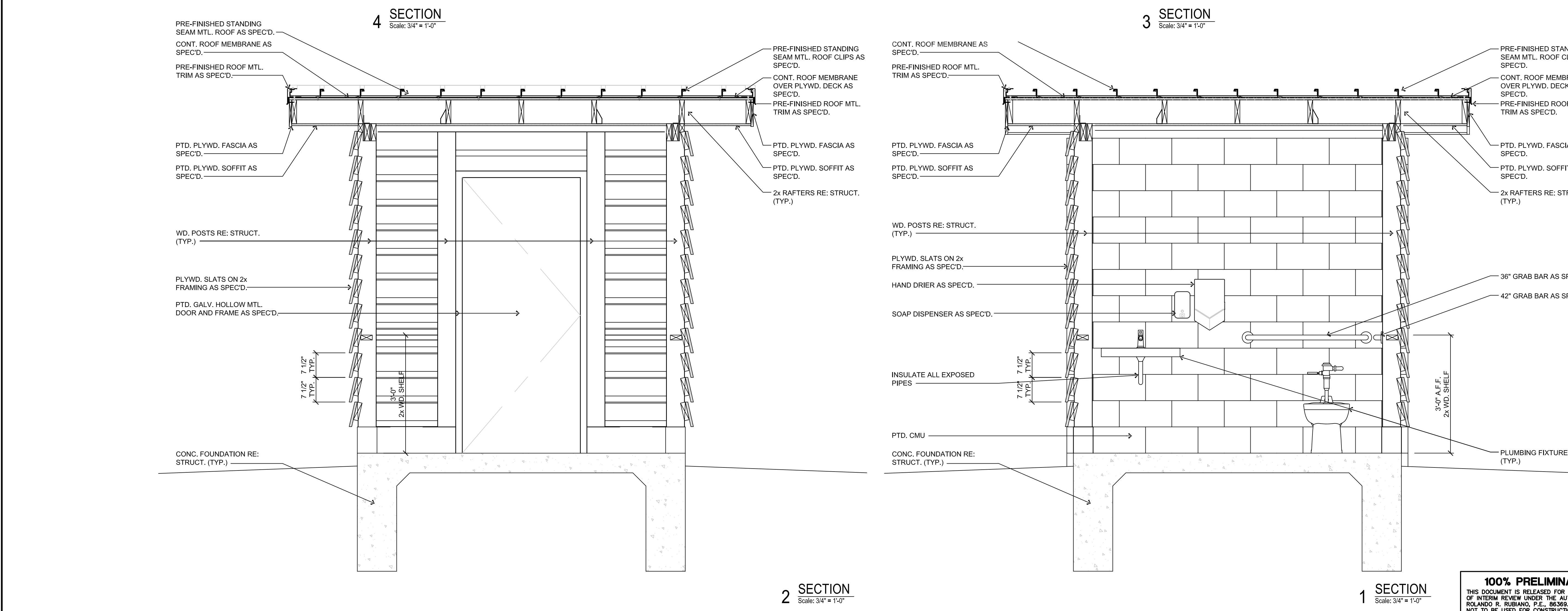
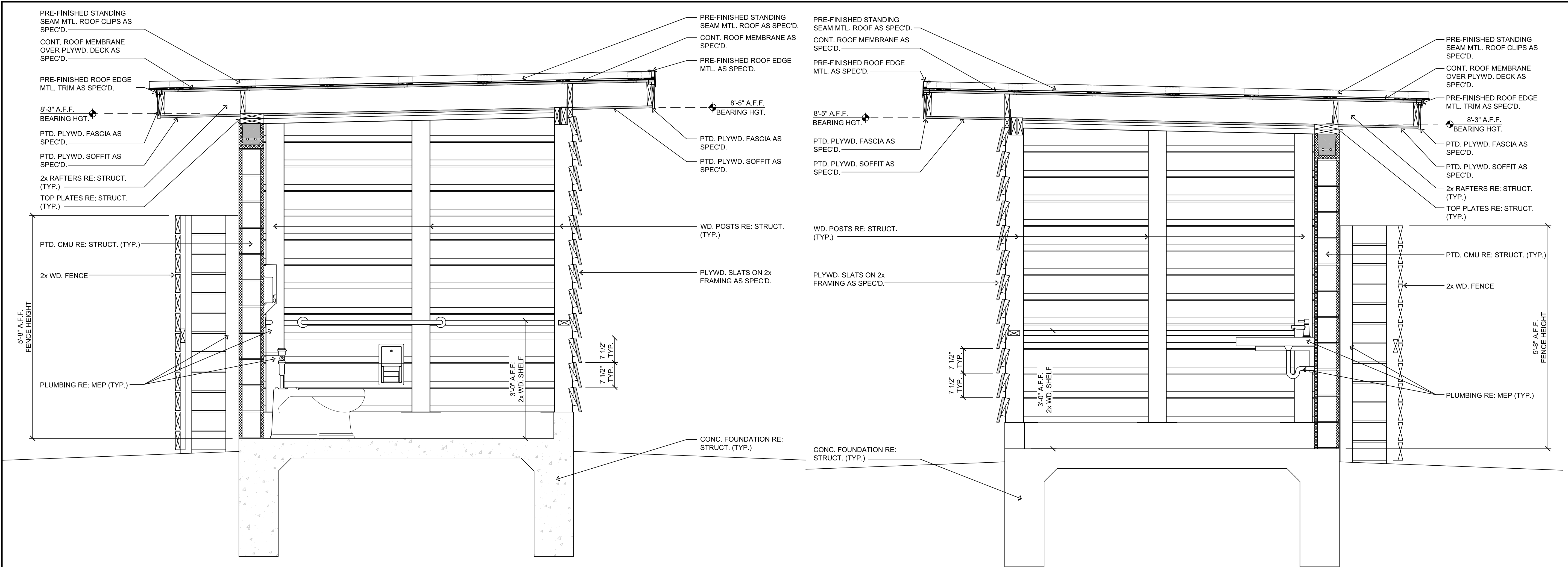
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**RESTROOM
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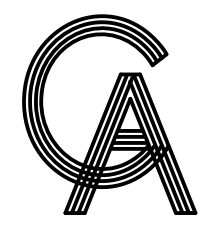
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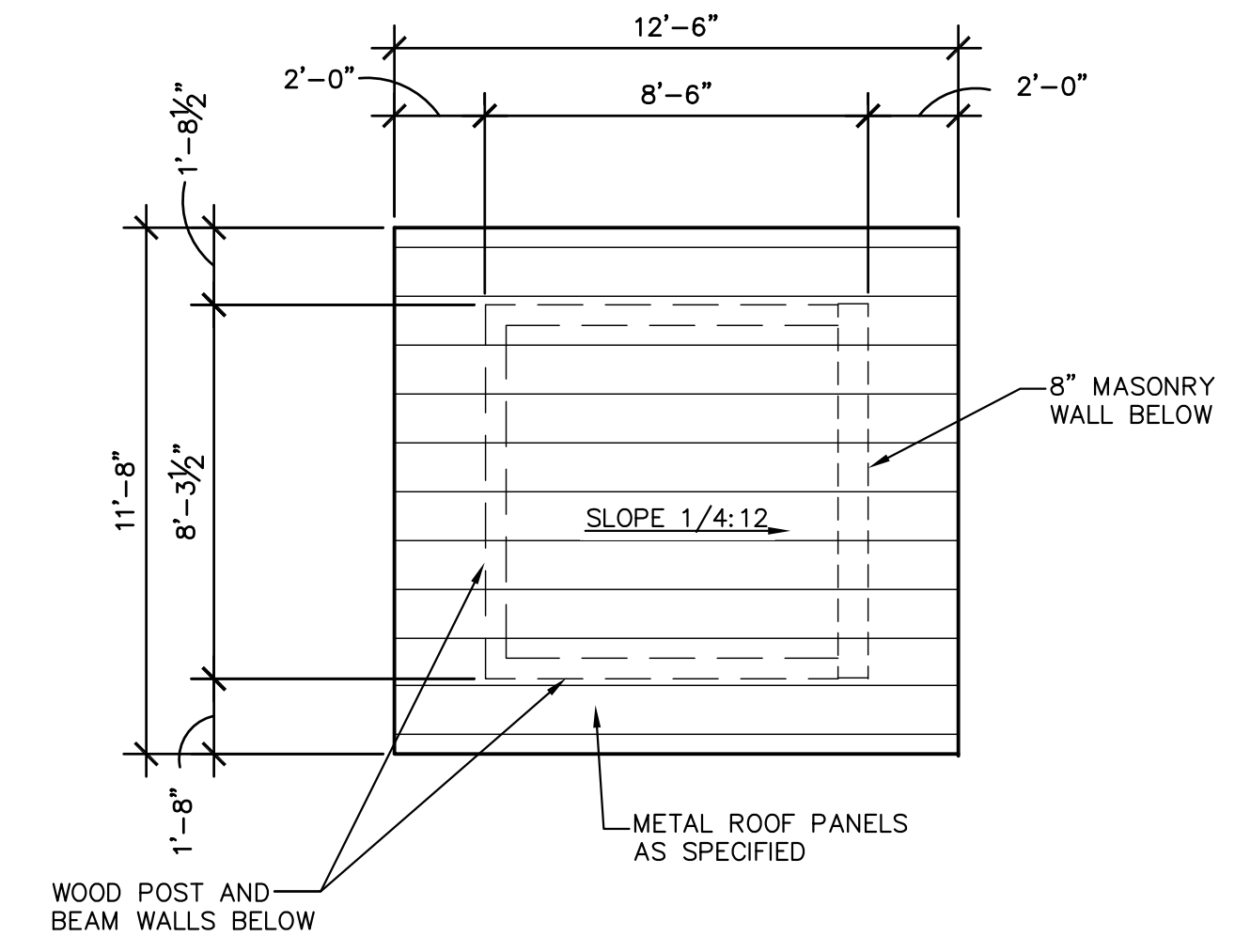
2 SECTION
Scale: 3/4" = 1'-0"

1 SECTION
Scale: 3/4" = 1'-0"

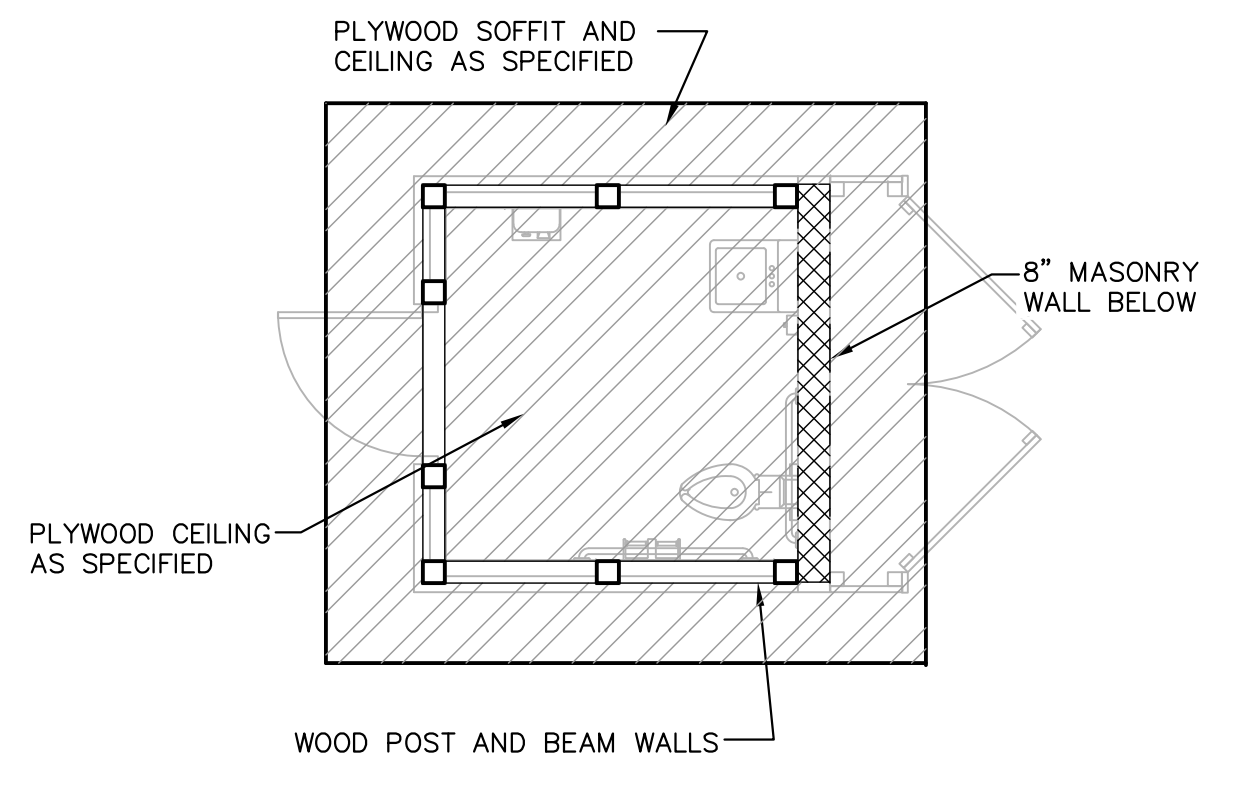


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1 RESTROOM ROOF PLAN
 1/4" = 1'-0" 2 LOCATIONS



2 RESTROOM CEILING AND SOFFIT PLAN
 1/4" = 1'-0" 2 LOCATIONS



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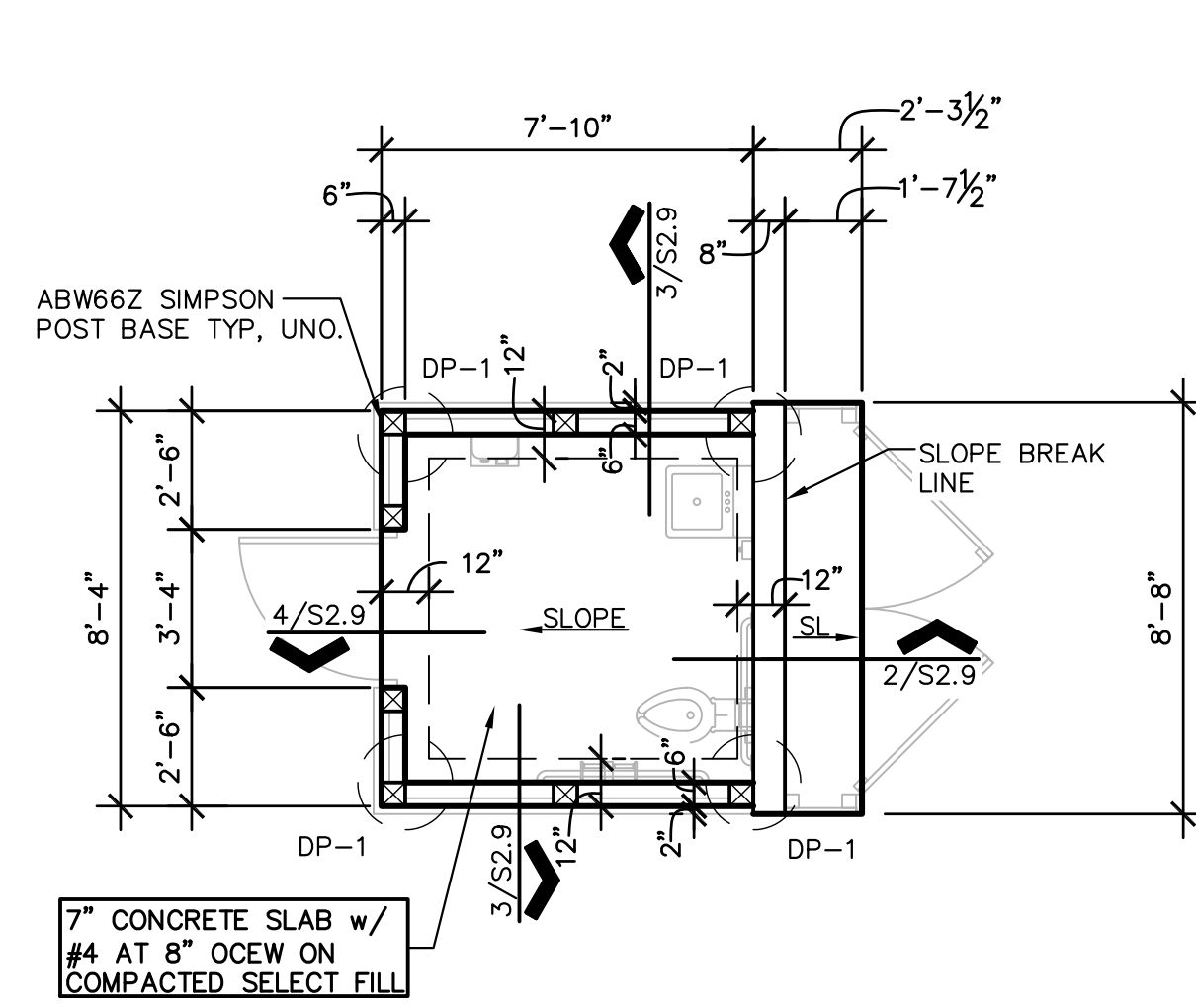
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SHEET TITLE
**RESTROOM
 ROOF AND
 CEILING PLAN**

SHEET NO.

S2.8

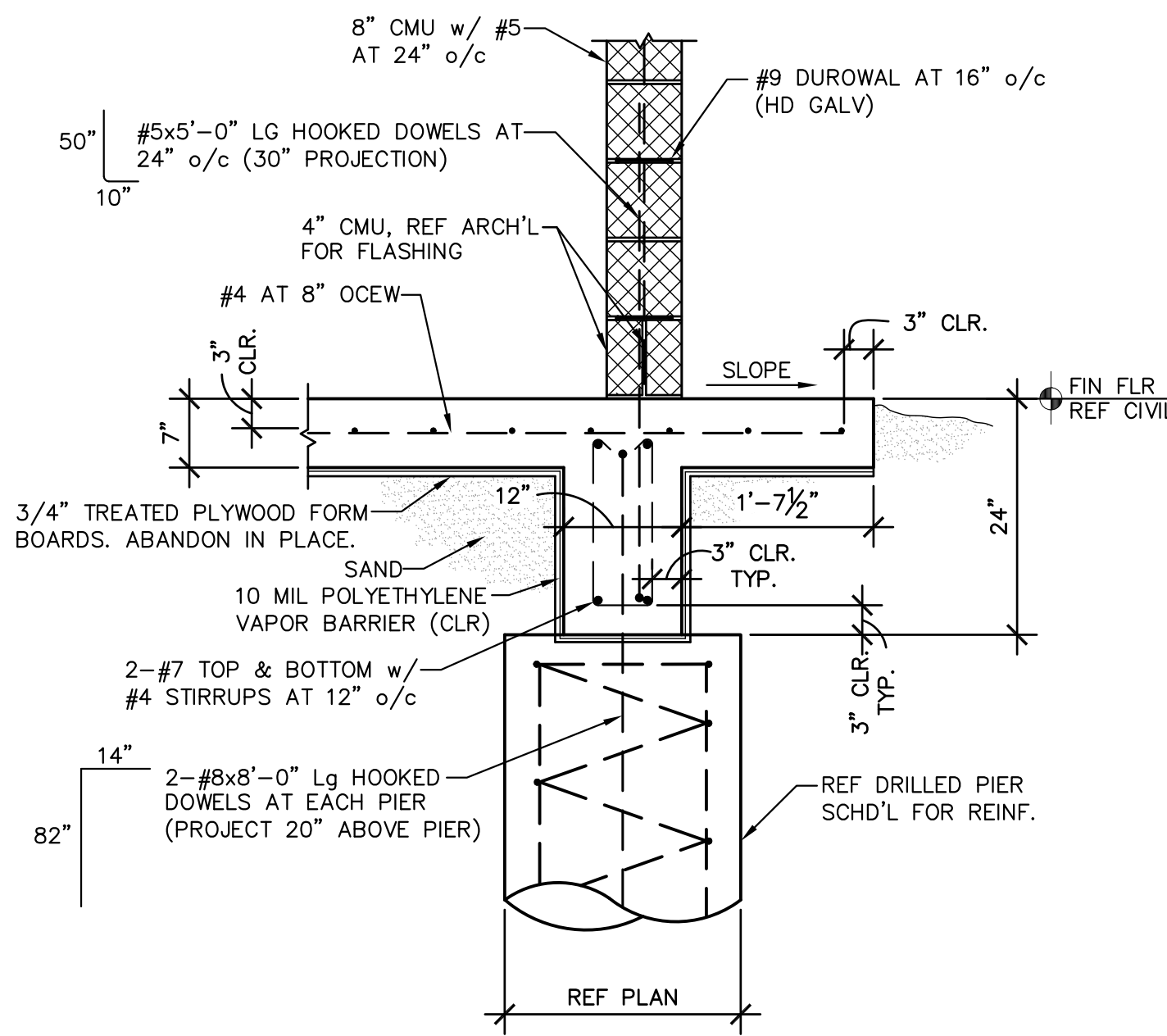
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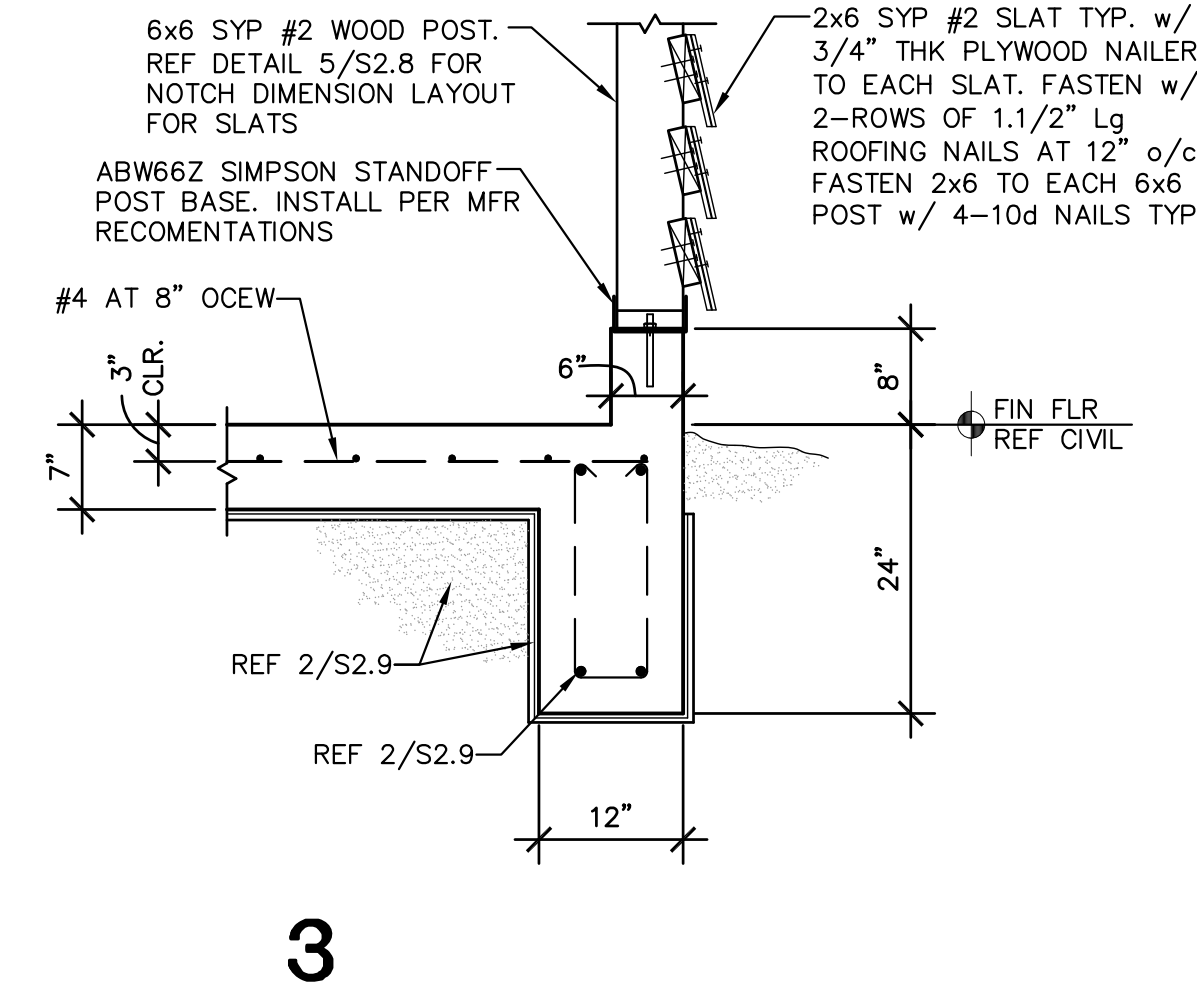
1 FOUNDATION PLAN
1/4" = 1'-0" 2 LOCATIONS PLAN NORTH

- NOTES:
- ALL SLABS & BEAMS ARE SUSPENDED. REFER TO SECTIONAL DETAILS FOR REINFORCEMENT.
 - SPLICE JOINTS FOR TOP BARS FOR REINFORCED CONCRETE SLABS AND BEAMS SHALL BE LOCATED AT MIDDLE THIRD OF THE SPAN OF SLABS OR BEAMS.
 - SPLICE JOINTS FOR BOTTOM BARS FOR REINFORCED CONCRETE SLAB AND BEAMS SHALL BE LOCATED AT SUPPORTS.
 - CONSTRUCTION JOINTS OF CONCRETE BEAMS/SLABS SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF THE SPAN. CONTRACTOR TO SUBMIT PROPOSED LOCATION OF CONSTRUCTION JOINTS TO ARCHITECT/ENGINEER FOR APPROVAL.
 - LAPPING OF SPLICE BARS AT SPLICE JOINTS SHALL BE 62 BAR DIAMETER OR A MINIMUM OF 36" LONG.
 - ALL CONDUIT GREATER THAN 1.1/2" IN DIAMETER (O.D.) SHALL BE RECESSED TO PROVIDE 1.1/2" CLEAR DISTANCE BETWEEN SLAB REBAR & CONDUIT.
 - MAINTAIN 2" MINIMUM CLEAR DISTANCE BETWEEN ALL CONDUIT IN SLAB.
 - A SINGLE CONDUIT (MAX 3" O.D.) MAY BE PLACED WITHIN THE BEAM CAGE. ALL CONDUIT IN BEAM CAGES TO BE TIED TO STIRRUPS MINIMUM OF 4" FROM HORIZONTAL BARS.
 - INDICATES ABW66Z SIMPSON STAND-OFF POST BASE.

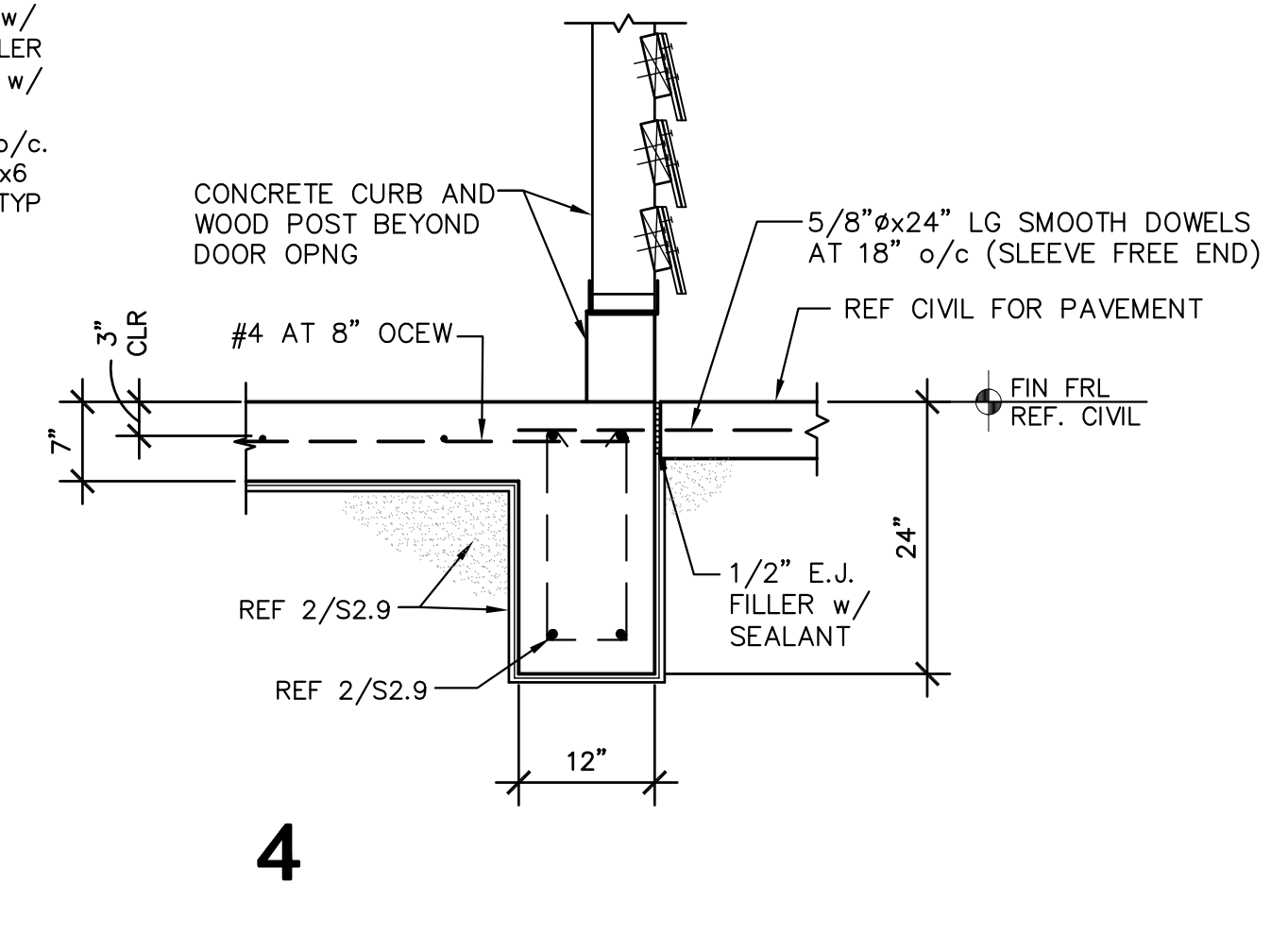
DRILLED PIER SCHEDULE			
MARK	SHAFT DIA. (INCHES)	VERTICAL REINFORCING	BEARING DEPTH BELOW MEAN SEA LEVEL (FEET MSL)
DP-1	**"	8-#7	-**.**



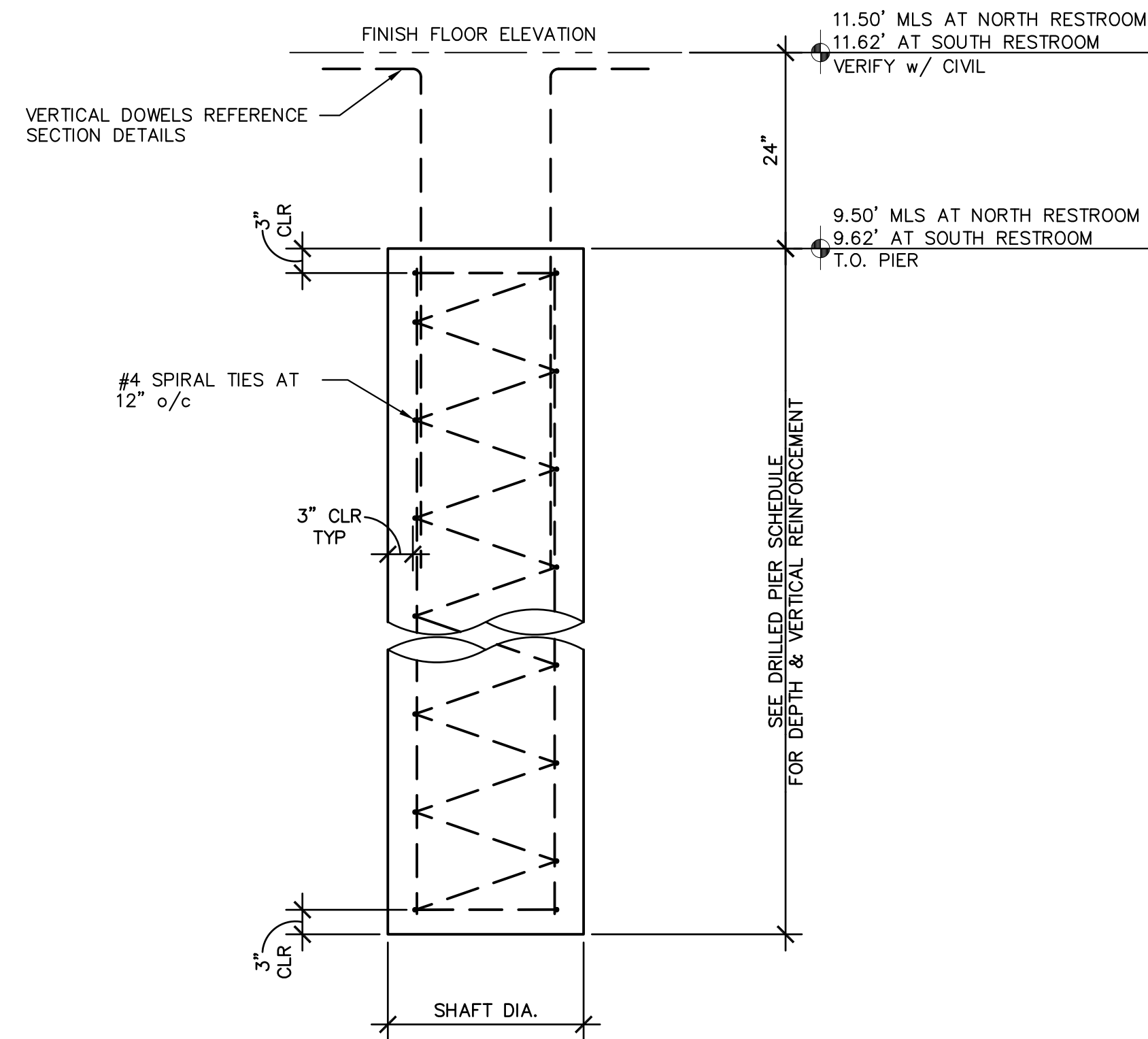
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3



4



5 DRILLED PIER PROFILE

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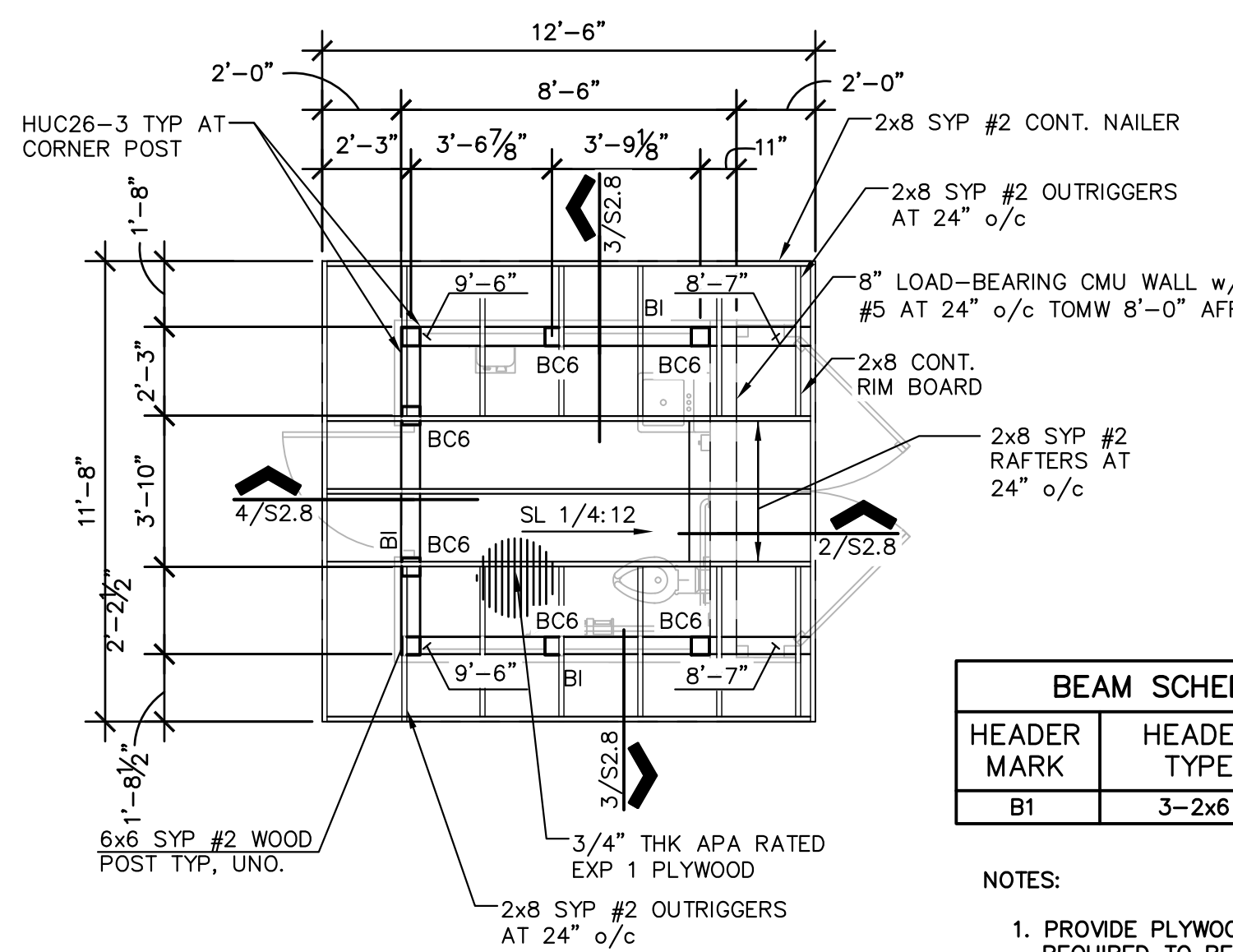
SHEET TITLE

**FOUNDATION
PLAN/DETAILS**

SHEET NO.

S2.9

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BEAM SCHEDULE		
HEADER MARK	HEADER TYPE	POST SIZE
B1	3-2x6	6x6

NOTES:
 1. PROVIDE PLYWOOD FILLER AS REQUIRED TO BE FLUSH WITH WOOD POST.

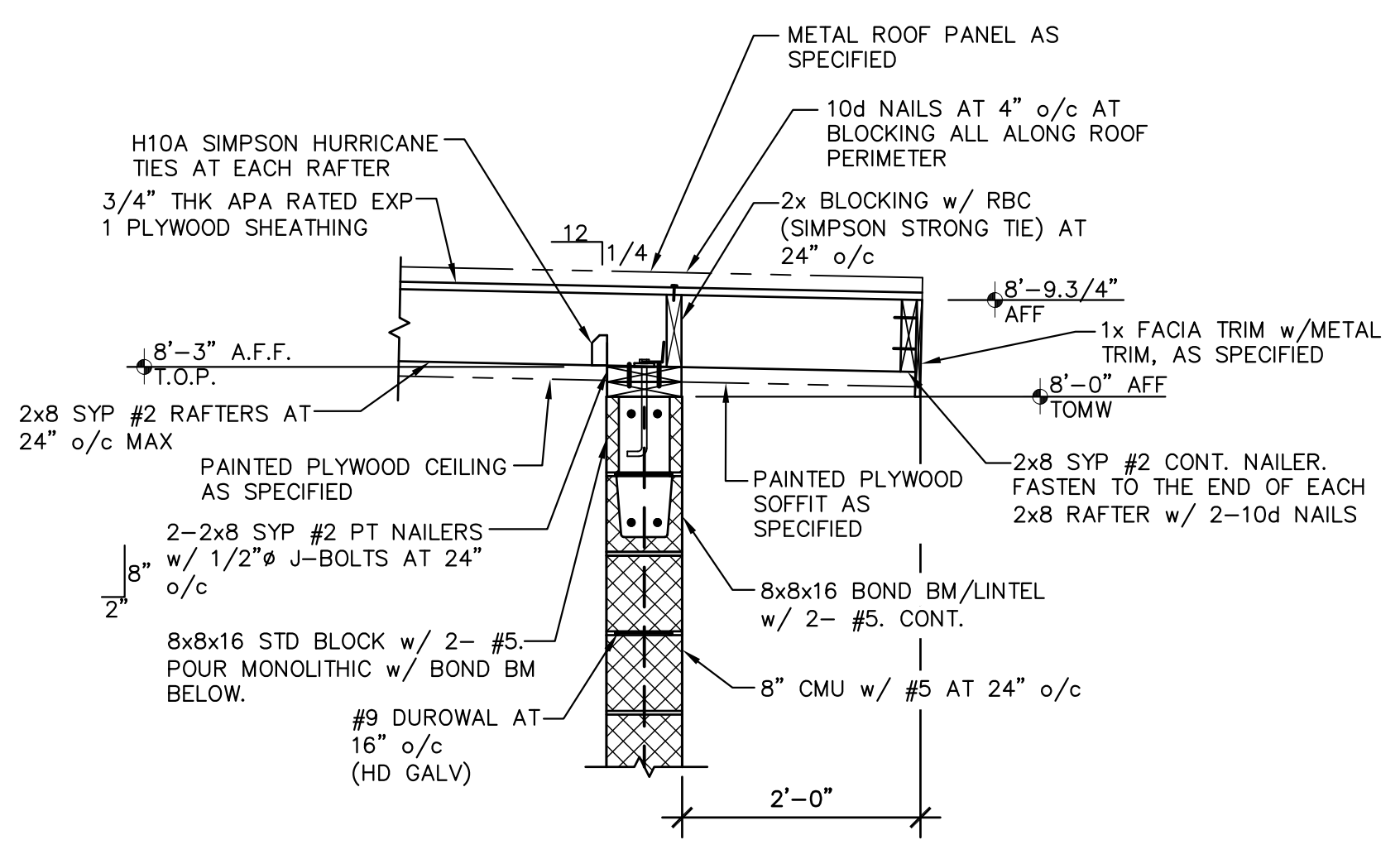


ROOF SHEATHING NAILING SCHEDULE	
10d NAILS AT 4" o/c ALONG EDGE OF SHEET AND 6" o/c AT INTERIOR SUPPORTS	

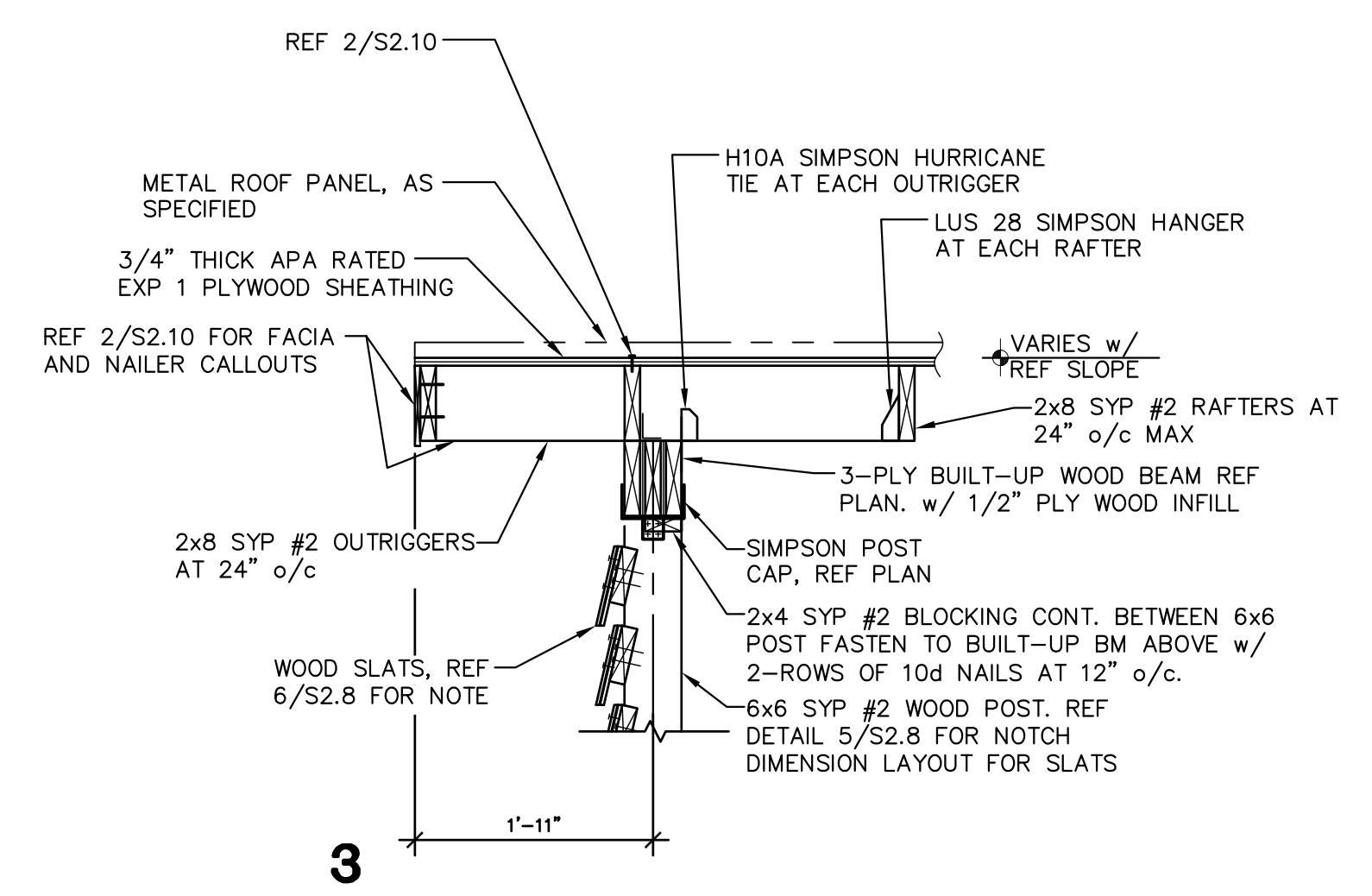
ALL 10d NAILS TO MEET MINIMUM LENGTH/DIAMETER BELOW
 LENGTH 3"
 SHANK DIAMETER 0.148"

2 RESTROOM ROOF FRAMING PLAN

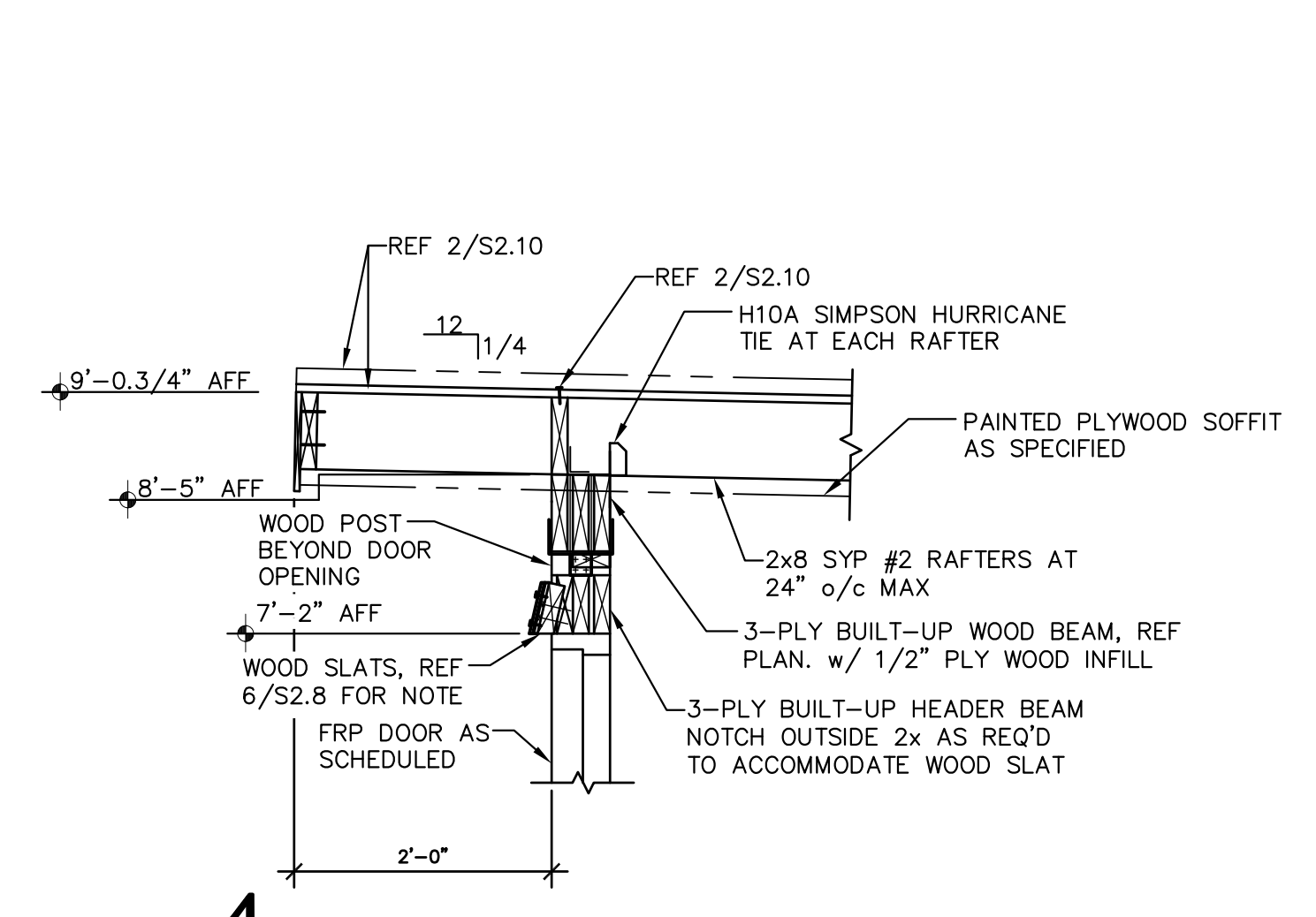
1/4" = 1'-0" 2 REQUIRED
 NOTES:
 1. ROOF SHEATHING SHALL BE 3/4" APA RATED EXPOSURE 1. SPAN RATED 48/24.
 2. REFERENCE ROOF SHEATHING NAILING SCHEDULE FOR PROPER PLYWOOD ATTACHMENT.
 3. ALL HURRICANE TIES SHALL BE SIMPSON STRONG-TIE STAINLESS STEEL TYPE 316 OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



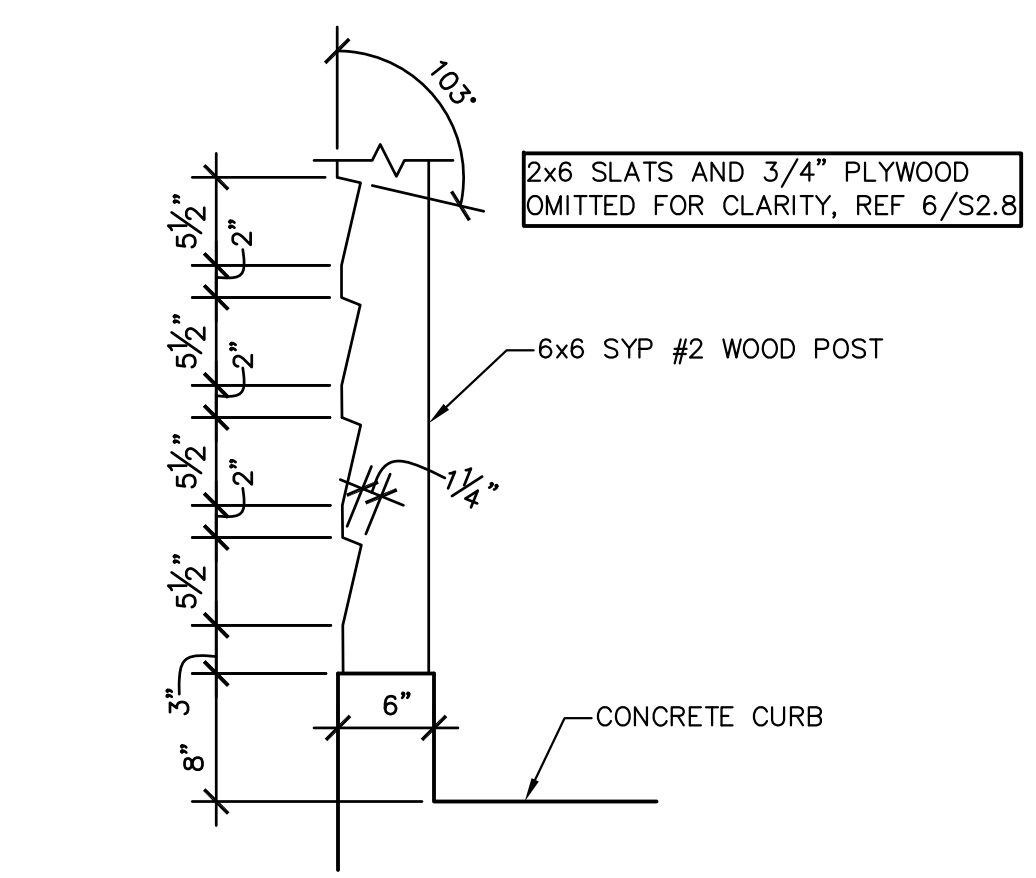
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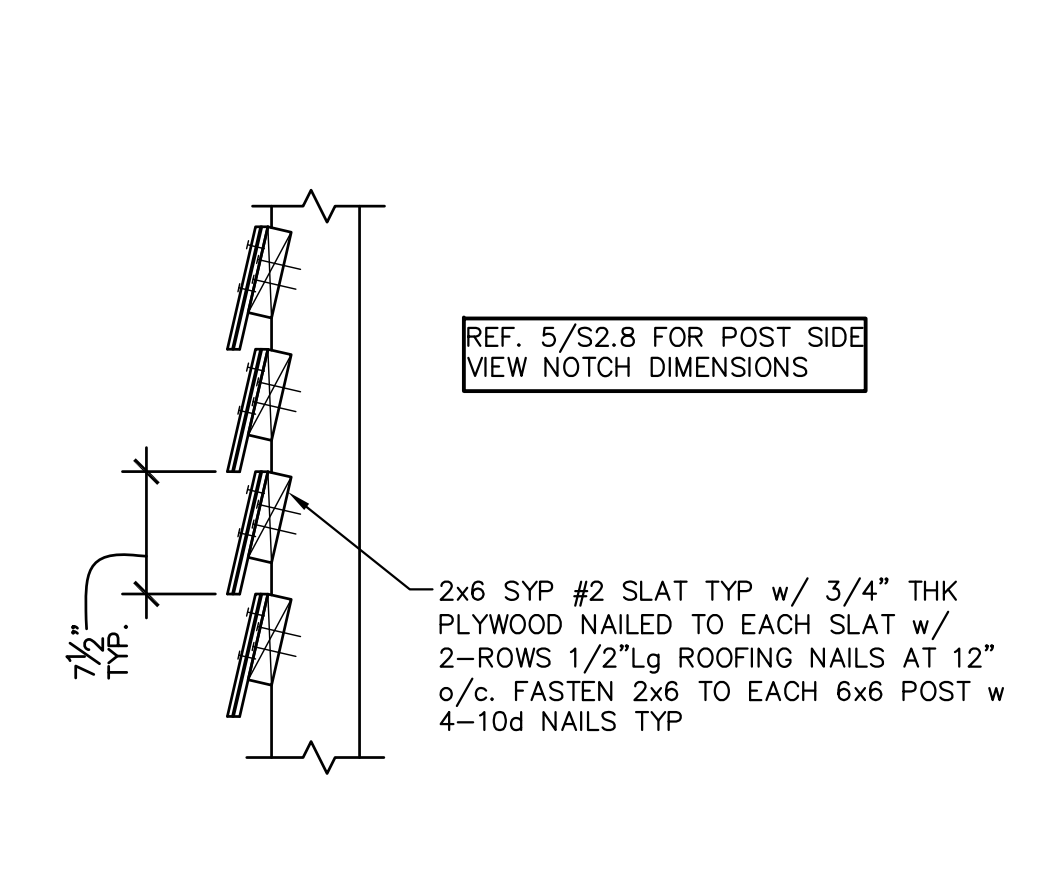
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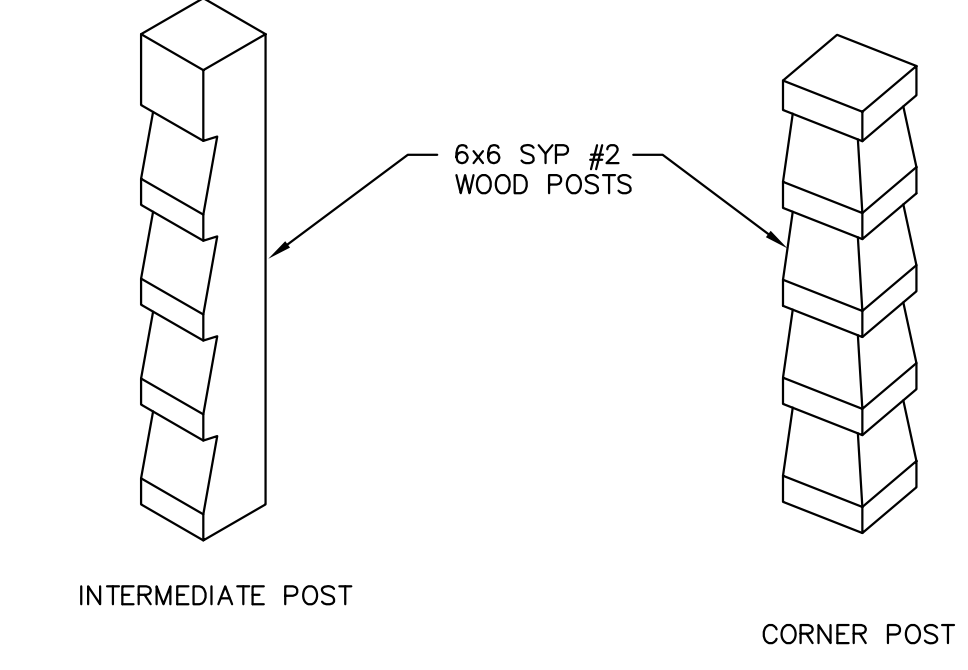
4



5 POST SIDE VIEW NOTCH DIMENSIONS
 1" = 1'-0"



6 SLAT CONNECTION DETAIL
 1" = 1'-0"



7 ISOMETRIC VIEWS OF WOOD POST
 1" = 1'-0"

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SEAL

PROJECT
WALKOVER AT WHITE CAP CIRCLE
SOUTH PADRE ISLAND, TEXAS

CLIENT
CITY OF SOUTH PADRE ISLAND

SOUTH PADRE ISLAND, TEXAS
 P: 956-761-3044
 F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	11-05-2021
DRAWN BY	LC
CHECKED BY	BD
SCALE	AS SHOWN

SHEET TITLE
FRAMING PLAN/DETAILS

SHEET NO.
S2.10

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UTILITY NOTES CONTINUED...

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST LAGUNA MADRE WATER DISTRICT STANDARD SPECIFICATIONS.
- UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, ALL UTILITY CONCRETE IS TO BE CLASS "K" (4000 PSI~28 DAYS), AND ALL REINFORCING STEEL TO BE ASTM A615 GRADE 60.
- MAXIMUM LENGTH OF OPEN TRENCH TO BE 60', OR AS DIRECTED BY THE OWNER.
- ALL PIPE BEDDING MATERIAL SHALL CONFORM TO DETAILS AND THE MANUFACTURER'S RECOMMENDATION.
- EXISTING SANITARY SEWER LINES SHALL BE KEPT IN SERVICE UNTIL PROPOSED SANITARY SEWER SYSTEM IMPROVEMENTS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER.

WATER NOTES:

- WATER AND SEWER SERVICE LINE INSTALLATION SHALL MEET THE INTERNATIONAL BUILDING CODE SEPARATION CONDITIONS AND PIPING REQUIREMENTS.
- CONTRACTOR SHALL MAINTAIN AS MINIMUMS 10 FEET HORIZONTAL AND 2 FEET VERTICAL SEPARATION BETWEEN WATERLINES AND ANY OTHER SEWER LINES.
- NO WATER JETTING ALLOWED; MECHANICAL COMPACTION REQUIRED.
- THE FOLLOWING GUIDELINES AND PROCEDURES SHALL BE FOLLOWED BY ANY CONTRACTOR, SUB-CONTRACTOR, OR ANY PERSON OR PERSONS DOING ANY WORK ON LAGUNA MADRE WATER DISTRICT (LMWD) WATER LINES, TO INCLUDE WATER LINE EXTENSIONS, WATERLINE UPGRADES, WATER TAPS, OR ANY PHYSICAL WORK AND OR CONNECTIONS TO EXISTING WATERLINES OR ANY NEW WATERLINES THAT ARE TO BE ADOPTED BY LMWD.
- GENERAL CONTRACTOR (GC) MUST BE LICENSED/BONDED, GC WILL BE RESPONSIBLE FOR THE WORK AND MATERIALS ON WATERLINE UPGRADE.
- CONTRACTOR/COMPANY PROPOSING TO WORK ON LMWD WATERLINES WILL MAKE CONTACT AND MEET WITH LMWD PERSONNEL, TO BE WATER DISTRIBUTION MANAGER, WATER DISTRIBUTION ASSISTANT MGR AND DIRECTOR OF OPERATIONS, TO REVIEW ALL DOCUMENTS AND SHARE INFORMATION AS NEEDED. ALL LINE EXTENSIONS AND/OR UPGRADES WILL BE 6" MINIMUM.
- CONTRACTOR/COMPANY WILL ONLY USE LMWD APPROVED PARTS AND MATERIALS: LIST OF VENDORS USED BY LMWD PROVIDED:
 - HD SUPPLY — (956)350-0771
 - FERGUSON WATER WORKS — (956)-584-8199
 - ACT PIPE & SUPPLY (956)-583-1558
 - AGUAWORKS PIPE — (956)-831-2500
- CONTRACTOR INSTALLING NEW LINE IS RESPONSIBLE FOR REPLACING ANY EXISTING SERVICE CONNECTIONS WHERE ONE EXISTS. TO INCLUDE TAPPING SADDLE, CORPORATION STOP WITH CUT-OFF VALVE, MUNIPEX TUBING AND ANGLE VALVE WITH CUT-OFF. CONTRACTOR WILL ALSO PREP NEW WATERLINE TO CONNECT TO ANY AND ALL OTHER EXISTING WATERLINE.
- CONTRACTOR SHALL FOLLOW STANDARD RULES OF WATER LINE INSTALLATIONS, TO INCLUDE PREPPING WATERLINE FOR HYDROSTATIC TESTING, BACTERIOLOGICAL SAMPLE COLLECTION, AND A FLUSHING POINT AS NEEDED.
- CONTRACTOR WILL BE REQUIRED TO USE DEWATERING (WELL-POINT) SYSTEM, WHEN WORKING AT OR NEAR GROUND WATER TABLE.
- CONTRACTOR WILL BE RESPONSIBLE TO RESTORE AREAS TO ORIGINAL CONDITIONS OR BETTER AS REQUIRED BY CITY/TOWN AND STATE CODES/ORDINANCES.
- CONTRACTOR WILL BE RESPONSIBLE TO PERFORM A HYDRO-STATIC TEST (PRESSURE TEST) ON NEWLY INSTALLED LINE, USING THEIR OWN EQUIPMENT. LMWD PERSONNEL MUST BE PRESENT TO WITNESS TEST FROM BEGINNING TO END. STANDARD TEST IS (150 PSI FOR 2 HOURS), FAILURE TO MAINTAIN PRESSURE, IS A FAILED TEST.
- LMWD WILL COLLECT THE BACTERIA-LOGICAL SAMPLE AND SUBMIT IT FOR TESTING. IF TEST IS NEGATIVE, INSPECTION OF WATERLINE IS COMPLETE AND LINE CAN BE PUT INTO SERVICE. AS REQUIRED BY TCEQ.
- OFF-SITE TAP FEES MAY APPLY, IF LINE EXTENSION REQUIRES A 6" TAP.
- LMWD WILL SUBMIT TX-DOT PERMITS AS NEEDED.
- GC WILL SUBMIT A 1 YEAR WARRANTY ON NEWLY INSTALLED LINES, TO INCLUDE ANY AND ALL TYPE OF WORK CONTRACTOR DID ON EXISTING LINE AT TIE-IN. DATE OF NEWLY INSTALLED WATERLINE WILL BE WHEN IT IS PUT INTO SERVICE.
- WITH THE EXCEPTION OF TX-DOT PERMITS, CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL PERMITS, PERMIT FEES, ADMINISTRATIVE FEES THAT MAY APPLY WITH THE WATERLINE UPGRADE/EXTENSION. LMWD PROVIDES WATER SERVICES TO PORT ISABEL, SOUTH PADRE ISLAND, LAGUNA VISTA.
- CONTRACTOR INSTALLING/UPGRADING LINES WILL SIGN OFF ON:
 - HYDROSTATIC TEST
 - BACTERIOLOGICAL SAMPLE (PASSING SAMPLE)
 - RESTORED AREAS AS APPLICABLE
 - MET ALL REQUIREMENTS AS SET FORTH BY LMWD
- LAGUNA MADRE WATER DISTRICT WILL PROVIDE SIGN OFF SHEET ON ALL ITEMS REQUESTED.
- APPROVED CONTRACTORS
 - 5125 COMPANY — 956-867-5125
 - GNT PAVING — 956-592-1744
 - COMETT CONSTRUCTION — 956-245-1009
 - CLOSER CONSTRUCTION — 956-472-8613
 - PEDERSON CONSTRUCTION — 956-233-4471

POLLUTION PREVENTION / EROSION CONTROL NOTES:

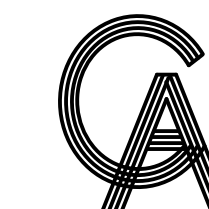
- CONTRACTOR SHALL OBTAIN A SWPPP PERMIT AND POST IT AT THE CONSTRUCTION SITE, IN ACCORDANCE WITH SPECIFICATION 01 57 13 TEMPORARY EROSION AND SEDIMENTATION CONTROL AND 01 57 23 — TPDES REQUIREMENTS, PRIOR TO CONSTRUCTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING ANY EARTH DISTURBING ACTIVITY.
- ALL EFFORTS SHALL BE MADE TO CONTAIN DISTURBED SOILS WITHIN THE EXTENTS OF PERIMETER EROSION AND SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL SEQUENCE ALL CONSTRUCTION IN SUCH A MANNER AS TO MINIMIZE THE AMOUNT AND EXTENTS OF DISTURBED EARTH.
- A STABILIZED CONSTRUCTION EXIT IS REQUIRED AT ALL POINTS OF DESIGNATED EGRESS FROM THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION(S) UNLESS OTHERWISE NOTED ON THE PLANS. THE LOCATION(S) OF THE STABILIZED CONSTRUCTION EXIT(S) MAY BE MODIFIED WITH RESPECT TO THE SEQUENCE OF CONSTRUCTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY MAINTAINED DURING THE COURSE OF THEIR INTENDED USE.
- ALL STAGING, MATERIAL STORAGE, STOCKPILE AND REFUSE AREAS SHALL REQUIRE APPLICABLE EROSION AND SEDIMENT CONTROL MEASURES.
- ALL CONSTRUCTION DEBRIS SHALL BE CONTAINED WITHIN APPROPRIATE RECEPTACLES(ROLL-OFF CONTAINERS, DUMPSTERS, TRASH CANS, WIRE-MESH CAGES, ETC.) AND CONFINED WITHIN PERIMETER EROSION AND SEDIMENT CONTROLS.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE DURING THE COURSE OF EARTH DISTURBING ACTIVITY AND UNTIL FINAL STABILIZATION IS ACHIEVED. STRUCTURAL MEASURES MAY BE REMOVED ONLY UPON FINAL PROJECT ACCEPTANCE BY THE OWNER OR AS DIRECTED BY THE OWNER.
- PERMANENT STABILIZATION SHALL BEGIN AS SOON AS PRACTICABLE OR AS DIRECTED BY THE OWNER.
- DUST CONTROL SHALL BE IMPLEMENTED AS NECESSARY OR AS DIRECTED BY THE OWNER. DUST CONTROL MAY CONSIST OF WATERING OR OTHER METHODS APPROVED BY THE OWNER. DUST CONTROL AND ASSOCIATED WATERING OR OTHER METHOD SHALL BE SUBSIDIARY TO THE EROSION CONTROL BID ITEM IN THE UNIT PRICE SCHEDULE.
- TRACKED DEBRIS SHALL BE SWEEPED AT THE END OF EACH WORKDAY OR AS DIRECTED BY THE OWNER.
- ALL DISCHARGES ASSOCIATED WITH DEWATERING OPERATIONS SHALL IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES. MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO SEDIMENTATION BASINS OR FILTER SOCKS.
- CONCRETE WASH-WATER SHALL NOT BE DISCHARGED DIRECTLY INTO A STORM SEWER SYSTEM OR RECEIVING STREAM. ALL WASH ACTIVITIES MUST BE PERFORMED WITHIN THE EXTENTS OF ESTABLISHED EROSION AND SEDIMENT CONTROL MEASURES OR DESIGNATED AREAS APPROVED BY THE OWNER.
- SEDIMENT SHALL BE CLEARED FROM ALL STORM SEWER PIPES, CULVERTS AND APPURTENANCES WITHIN THE LIMITS OF CONSTRUCTION PRIOR TO FINAL PROJECT ACCEPTANCE. SEDIMENT SHALL BE PROPERLY DISPOSED.
- STAGING, STOCKPILE AND EQUIPMENT STORAGE AREAS SHALL NOT BE LOCATED WITHIN THE EXTENTS OF ANY TREE DRIPLENS.

LAGUNA MADRE WATER DISTRICT SUBDIVISION AND EXTENSION STANDARDS:

- UTILITY BONDS: COPY OF BONDS FROM SUBDIVISION JURISDICTION
- WARRANTY: 1 YEAR FROM DATE OF PROJECT COMPLETION
- AS BUILT DRAWINGS: FURNISH AND CERTIFIED BY PE OR RPLS
- PRE CONSTRUCTION MEETING REQUIRED
- NOTIFICATION ONE CALL
- TESTING REQUIREMENTS:
 - TO BE COMPLETE AFTER ALL UTILITIES INSTALLED
 - 150 PSI FOR 2 HOURS FOR WATER LINES, HYDROSTATIC TESTED
 - 100 PSI FOR 2 HOURS FOR FORCE MAIN LINES, HYDROSTATIC TESTED
 - 4 PSI FOR 10 MINUTES FOR SEWER GRAVITY LINES, AIR TESTED
 - WATER LINES TO BE STERILIZED (HTH) 24 HOURS, THEN FLUSHED, AND BACTERIOLOGICAL TESTED.
 - AFTER BACTERIOLOGICAL TEST APPROVED, THEN INTERCONNECT TO MAIN LINE.
- METERS
 - METERS ARE PROVIDED BY DISTRICT PAID FOR BY DEVELOPER
 - METER BOX ARE PROVIDED BY DISTRICT ON 5/8", 1", AND 2" METERS.
 - METER VAULT MUST BE INSTALLED BY THE DEVELOPER FOR 4", 6", 8", 10" METERS OR LARGER.
- BACKFLOW ASSEMBLY
 - REQUIRED BY DISTRICT PER STATE REGULATIONS ON FIRELINE METERS, FIRE PROTECTION METERS, IRRIGATIONS METERS,
 - MOTEL/HOTELS OVER 4 STORIES HIGH, RESTAURANTS WITH FOUNTAIN DRINKS, ASSEMBLY TESTED BY CERTIFIED TESTER
 - WHEN INSTALLED AND ONCE A YEAR THEREAFTER, REPORT TURNED IN TO BACKFLOW PREVENTION DEPARTMENT AT DISTRICT.
 - BACKFLOW ASSEMBLY PAID BY THE DEVELOPER INSTALLED AFTER THE METER BEFORE ANY SPIGOT OR SINK OUTFLOW.
 - BACKFLOW ASSEMBLY APPROVED BY THE DISTRICT ON EACH APPLICATION.



HALFF PROJECT NO. (AVO): 42852.001



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FIRM REGISTRATION #F-4145

SEAL

PROJECT

WALKOVER
AT WHITECAP CIRCLE

SOUTH PADRE ISLAND,
TEXAS

CLIENT

CITY OF
SOUTH PADRE ISLAND

SOUTH PADRE ISLAND,
TEXAS
P: 956-761-3044
F: 956-761-3898



GENERAL LEGEND			
PROPOSED	EXISTING	PROPOSED	EXISTING
		WTR	W
		WW	WW
		XX=XX.XX	XX=XX.XX

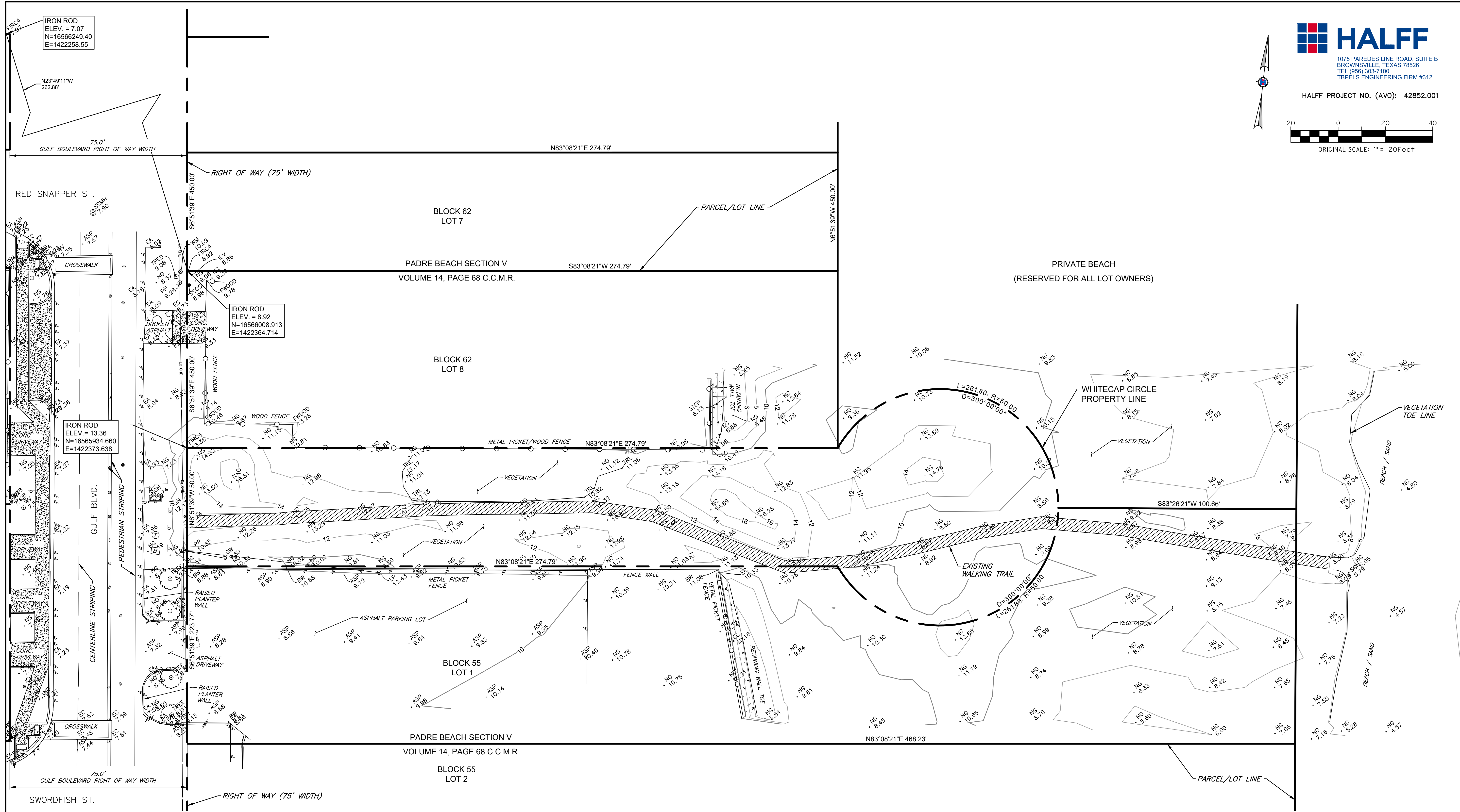
MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	03-29-2021
DRAWN BY	TE
CHECKED BY	RA
SCALE	AS SHOWN

SHEET TITLE
GENERAL NOTES AND LEGEND

SHEET NO.
C1.2

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R. THOMAS EVERETT II, P.E. 136374 09/21/21
TBPE FIRM #F-312



HALFF
 1075 PAREDES LINE ROAD, SUITE B
 BROWNSVILLE, TEXAS 78506
 TEL (956) 303-7100
 TBPELS ENGINEERING FIRM #312

HALFF PROJECT NO. (AVO): 42852.001

ORIGINAL SCALE: 1" = 20' Feet

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 FIRM REGISTRATION #F-4145

SEAL

PROJECT

WALKOVER
 AT WHITECAP CIRCLE

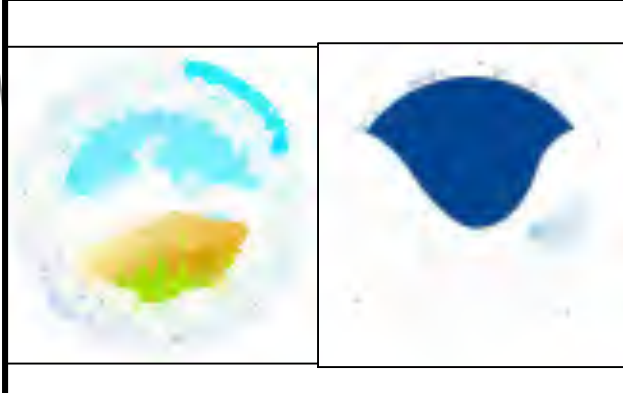
SOUTH PADRE ISLAND,
 TEXAS

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CITY OF
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SOUTH PADRE ISLAND,
 TEXAS

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MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	03-29-2021
DRAWN BY	TE
CHECKED BY	RA
SCALE	AS SHOWN

SHEET TITLE

**EXISTING
 CONDITIONS**

SHEET NO.

C1.3

SHEET SPECIFIC LEGEND

SEE SHEET C1.2 FOR GENERAL LEGEND

— PARCEL / LOT LINE
 - - - RIGHT OF WAY / PROPERTY LINE

CAMERON COUNTY APPRAISAL DISTRICT - PROPERTY INFORMATION:

LOT NO. 1 AND LOT NO. 2
 PROPERTY ID: 110413
 OWNER: OV 101 LLC
 LOCATION: 2800 GULF BLVD SOUTH PADRE ISLAND, TX 78597
 LEGAL DESCRIPTION: UNT 101 OCEAN VISTA TOWERS CONDOMINIUMS & CAR PORT 27

LOT NO. 7 (OF 7)
 PROPERTY ID: 115131
 OWNER: CARRILLO MARTHA DELIA LLERENA DE
 LOCATION: 3000 GULF BLVD 101 SOUTH PADRE ISLAND, TX 78597-7045
 LEGAL DESCRIPTION: UNT 101 SUN TIDE PHASE III CONDOMINIUMS PADRE BEACH SEC V LOTS 1-7 BLK 62

LOT NO. 8
 PROPERTY ID: 111055
 OWNER: DYCUSA USA LLC
 LOCATION: 2900 GULF BLVD SOUTH PADRE ISLAND, TX 78597
 LEGAL DESCRIPTION: SO PADRE IS - PADRE BEACH SECTION V LOT 8 BLK 62

THE LOT NO., PROPERTY ID, OWNER, LOCATION, AND LEGAL DESCRIPTION SHOWN FOR EACH PARCEL IS AS SHOWN ON THE CAMERON COUNTY APPRAISAL DISTRICT WEBSITE MAP.

METES AND BOUNDS INFORMATION:

THE METES AND BOUNDS INFORMATION SHOWN HEREON ARE AS SHOWN ON THE 1952 RECORDED PLAT, PADRE BEACH SECTION V, VOLUME 14, PAGE 68, C.C.M.R.

THIS SITE IS LOCATED IN CAMERON COUNTY, TEXAS.


TOPOGRAPHY NOTES:

- ALL ELEVATIONS IN FEET, UNLESS OTHERWISE STATED.
- THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN FEBRUARY 2021.

THE BEARINGS AND COORDINATES SHOWN HEREON ARE REFERENCED TO
 TEXAS STATE COORDINATE SYSTEM 1983
 NAVD 1988
 TEXAS SOUTH ZONE 4205

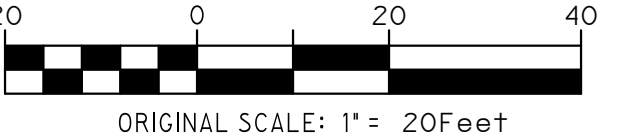
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 TBPE FIRM #F-312



1075 PAREDES LINE ROAD, SUITE B
BROWNSVILLE, TEXAS 78509
TEL (956) 303-7100
TBPELS ENGINEERING FIRM #312

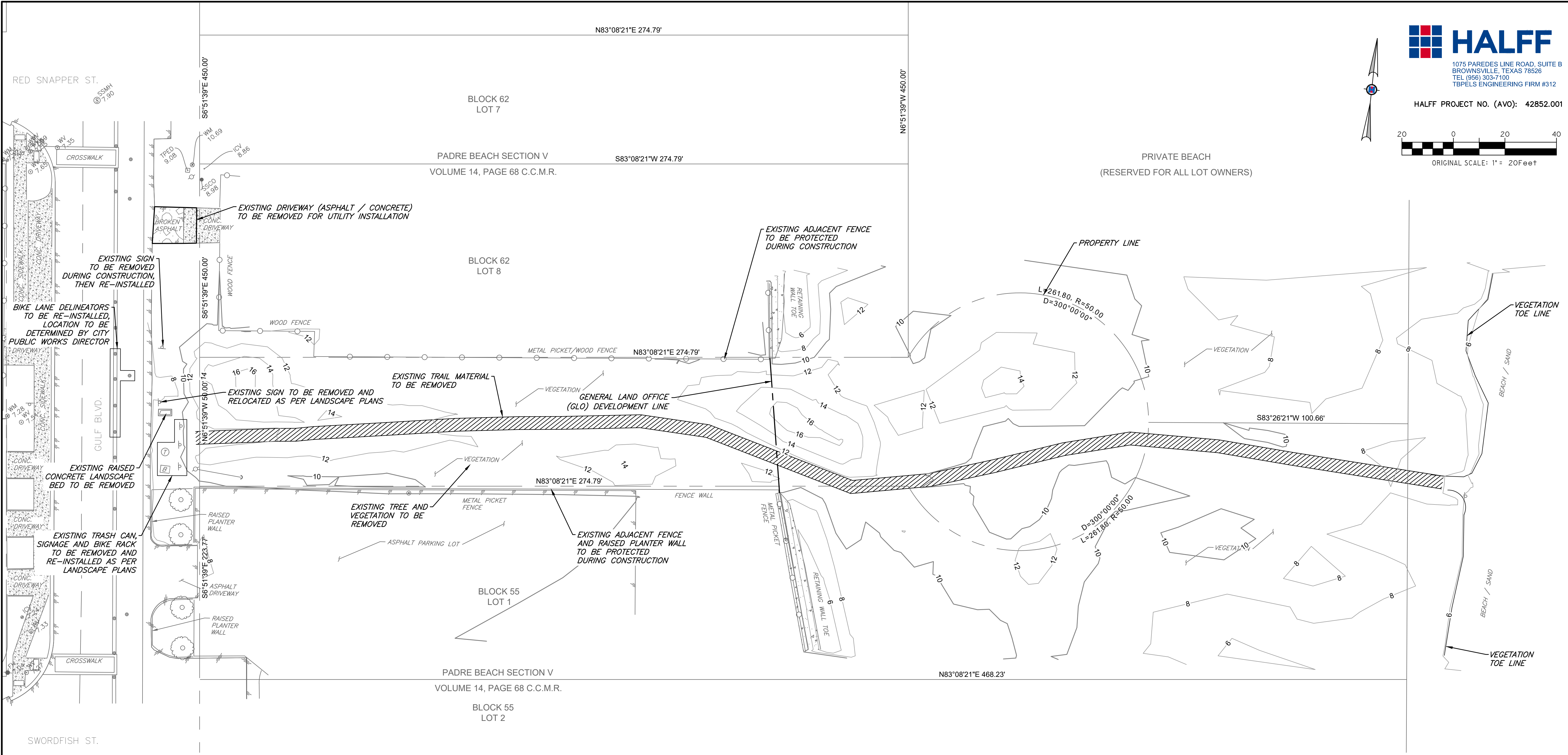
HALFF PROJECT NO. (AVO): 42852.001



ORIGINAL SCALE: 1" = 20 FEET



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FIRM REGISTRATION #F-4145



- DEMOLITION NOTES:**
1. ALL ITEMS TO BE REMOVED SHALL BE PROPERLY DISPOSED BY THE CONTRACTOR AT AN APPROVED LANDFILL, UNLESS OTHERWISE STATED.
 2. ALL ITEMS TO BE RELOCATED OR TEMPORARILY REMOVED SHALL BE PROTECTED DURING INITIAL REMOVAL AND RE-INSTALLATION. THESE ITEMS SHALL BE PROPERLY STORED DURING TRANSITION.
 3. CONTRACTOR IS SOLELY RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING ADJACENT PROPERTY IMPROVEMENTS AT CONTRACTOR'S OWN EXPENSE.
 4. ADJACENT PROPERTY FENCES AND POLE FOUNDATIONS SHALL BE PROTECTED DURING CONSTRUCTION.
 5. LIMITS OF DEMOLITION REMOVAL ARE APPROXIMATE ONLY. ACTUAL QUANTITIES MAY VARY. THERE SHALL BE NO CHANGE ORDERS FOR ADDITIONAL QUANTITIES.

SEAL

PROJECT
**WALKOVER
AT WHITECAP CIRCLE**
SOUTH PADRE ISLAND,
TEXAS

CLIENT
CITY OF
SOUTH PADRE ISLAND

SOUTH PADRE ISLAND,
TEXAS
P: 956-761-3044
F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	03-29-2021
DRAWN BY	TE
CHECKED BY	RA
SCALE	AS SHOWN

SHEET TITLE
DEMOLITION PLAN

SHEET NO.
C1.4

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R. THOMAS EVERETT II, P.E. 136374 09/21/21
TBPE FIRM #F-312

GRADING NOTES:
 1. ALL ELEVATIONS SHOWN ARE IN FEET.
 2. ALL CURB HEIGHT IS 4-INCH, UNLESS OTHERWISE STATED.
 3. FOR ADDITIONAL IRON ROD INFORMATION, SEE SHEET C1.3 EXISTING CONDITIONS.

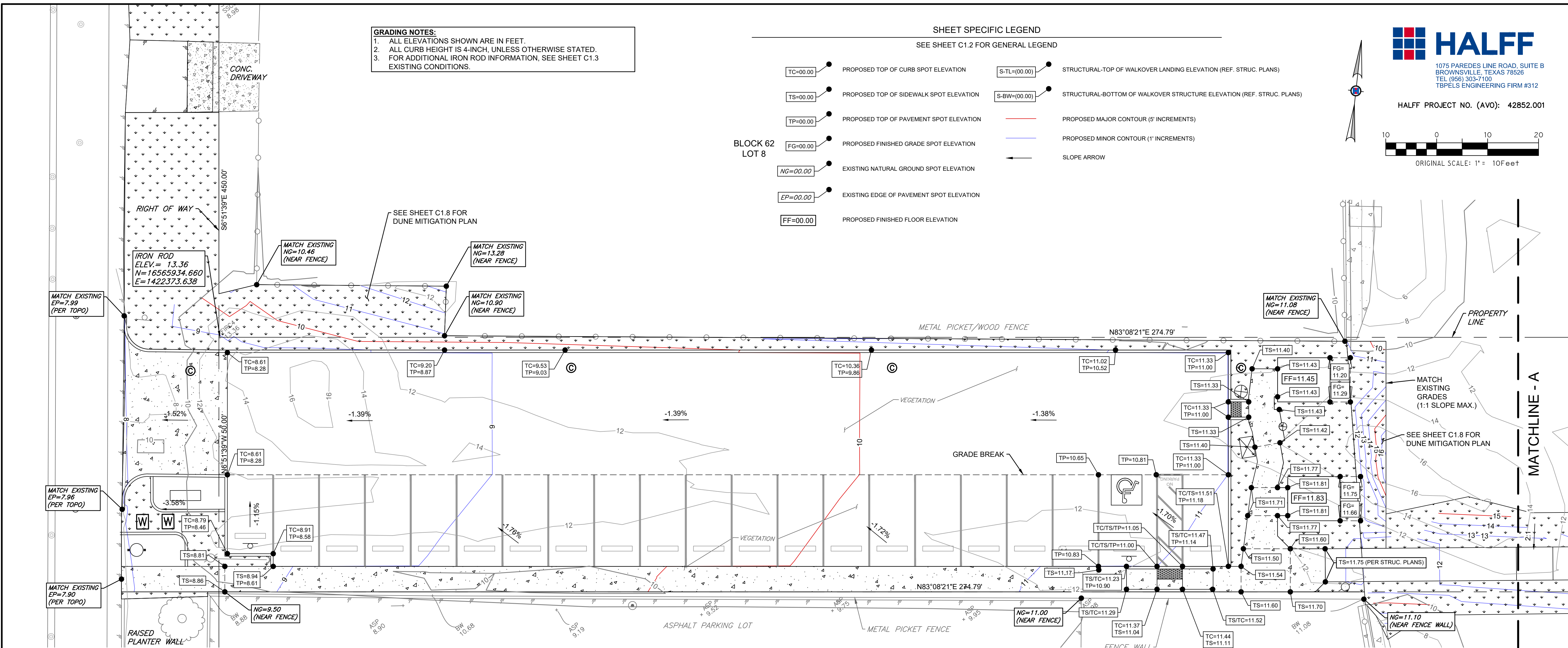
SHEET SPECIFIC LEGEND
SEE SHEET C1.2 FOR GENERAL LEGEND

TC=00.00	PROPOSED TOP OF CURB SPOT ELEVATION	S-TL=(00.00)	STRUCTURAL TOP OF WALKOVER LANDING ELEVATION (REF. STRUC. PLANS)
TS=00.00	PROPOSED TOP OF SIDEWALK SPOT ELEVATION	S-BW=(00.00)	STRUCTURAL BOTTOM OF WALKOVER STRUCTURE ELEVATION (REF. STRUC. PLANS)
TP=00.00	PROPOSED TOP OF PAVEMENT SPOT ELEVATION	PROPOSED MAJOR CONTOUR (5' INCREMENTS)	
FG=00.00	PROPOSED FINISHED GRADE SPOT ELEVATION	PROPOSED MINOR CONTOUR (1' INCREMENTS)	
NG=00.00	EXISTING NATURAL GROUND SPOT ELEVATION	—	SLOPE ARROW
EP=00.00	EXISTING EDGE OF PAVEMENT SPOT ELEVATION		
FF=00.00	PROPOSED FINISHED FLOOR ELEVATION		

HALFF
 1075 PAREDES LINE ROAD, SUITE B
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 TBPELS ENGINEERING FIRM #312
HALFF PROJECT NO. (AVO): 42852.001

 ORIGINAL SCALE: 1" = 10Feet

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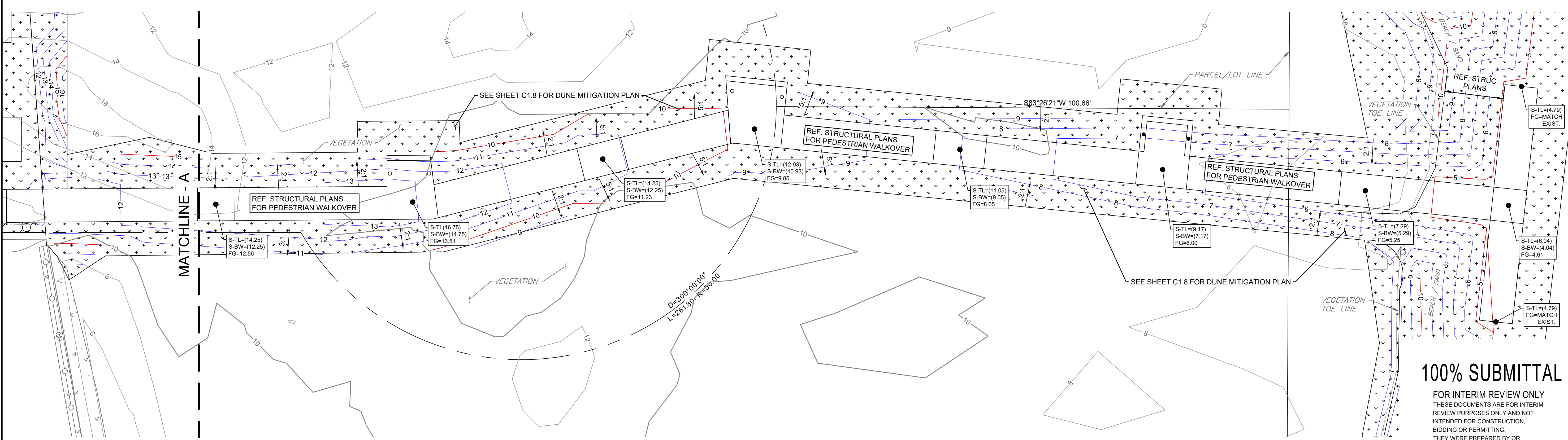


SEAL

PROJECT
WALKOVER AT WHITECAP CIRCLE
 SOUTH PADRE ISLAND, TEXAS

CLIENT
 CITY OF SOUTH PADRE ISLAND

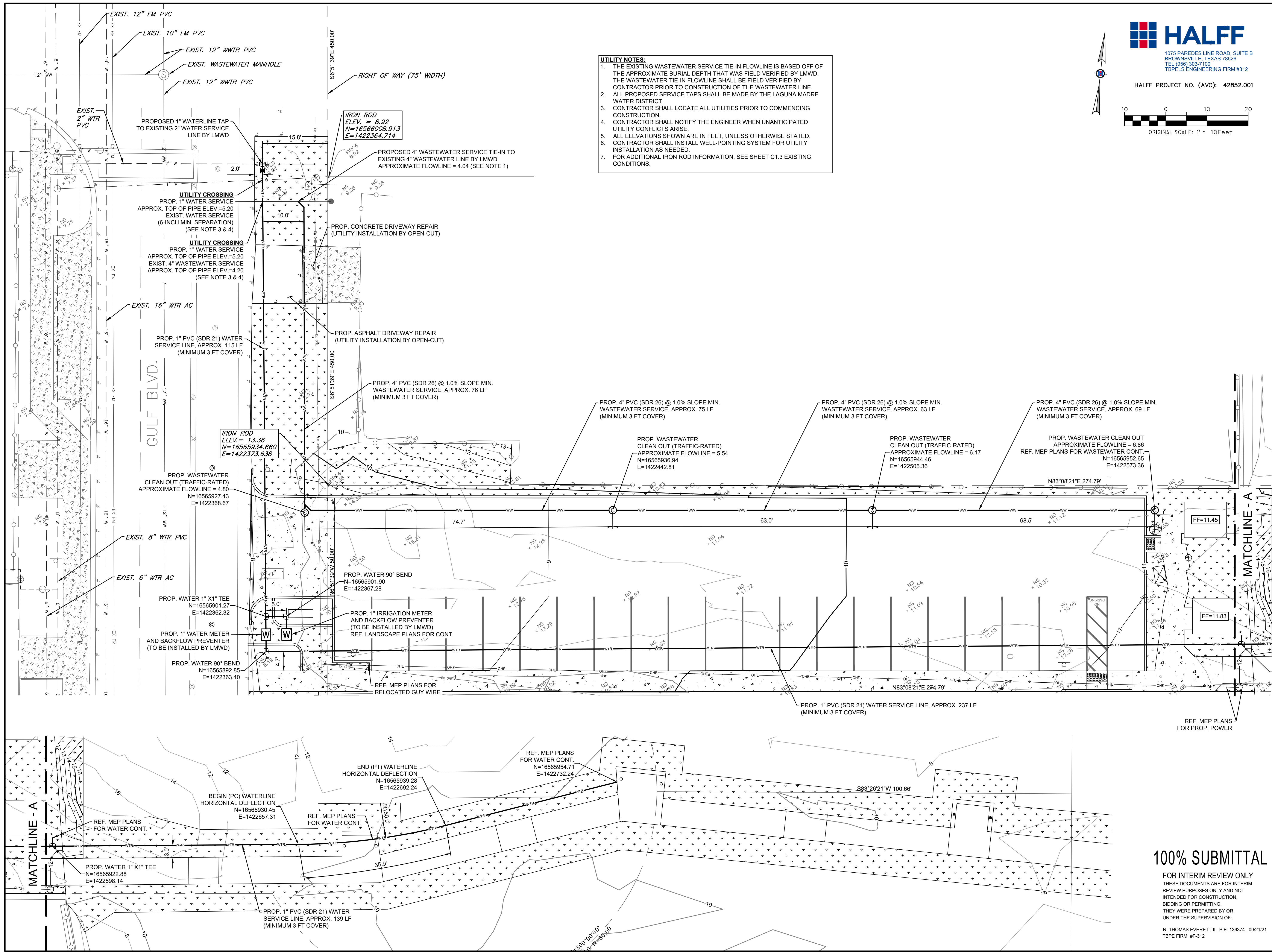
 SOUTH PADRE ISLAND, TEXAS
 P: 956-761-3044
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MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	03-29-2021
DRAWN BY	TE
CHECKED BY	RA
SCALE	AS SHOWN
SHEET TITLE	PROPOSED GRADING PLAN
SHEET NO.	C1.6

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 R. THOMAS EVERETT II, P.E. 136374 09/21/21
 TBPE FIRM #F-312



UTILITY NOTES:

1. THE EXISTING WASTEWATER SERVICE TIE-IN FLOWLINE IS BASED OFF OF THE APPROXIMATE BURIAL DEPTH THAT WAS FIELD VERIFIED BY LMWD. THE WASTEWATER TIE-IN FLOWLINE SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION OF THE WASTEWATER LINE.
2. ALL PROPOSED SERVICE TAPS SHALL BE MADE BY THE LAGUNA MADRE WATER DISTRICT.
3. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
4. CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN UNANTICIPATED UTILITY CONFLICTS ARISE.
5. ALL ELEVATIONS SHOWN ARE IN FEET, UNLESS OTHERWISE STATED.
6. CONTRACTOR SHALL INSTALL WELL-POINTING SYSTEM FOR UTILITY INSTALLATION AS NEEDED.
7. FOR ADDITIONAL IRON ROD INFORMATION, SEE SHEET C1.3 EXISTING CONDITIONS.

1075 PAREDES LINE ROAD, SUITE B
BROWNSVILLE, TEXAS 77850
TEL (956) 303-7100
TBPELS ENGINEERING FIRM #312

HALFF PROJECT NO. (AVO): 42852.001

ORIGINAL SCALE: 1" = 10 FEET

GREEN, RUBIANO & ASSOCIATES
CONSULTING STRUCTURAL ENGINEERS
1220 WEST HARRISON
HARLINGEN, TEXAS 78550
PH: (956) 428-4461 FAX: (956) 428-0287
FIRM REGISTRATION #F-4145

PROJECT

WALKOVER
AT WHITECAP CIRCLE

SOUTH PADRE ISLAND,
TEXAS

CLIENT

CITY OF
SOUTH PADRE ISLAND

SOUTH PADRE ISLAND,
TEXAS

P: 956-761-3044
F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	03-29-2021
DRAWN BY	TE
CHECKED BY	RA
SCALE	AS SHOWN
SHEET TITLE	

PROJECT NO. 1065-16

DATE 03-29-2021

DRAWN BY TE

CHECKED BY RA

SCALE AS SHOWN

SHEET TITLE

**PROPOSED
UTILITY PLAN**


SHEET NO.

C1.7

100% SUBMITTAL

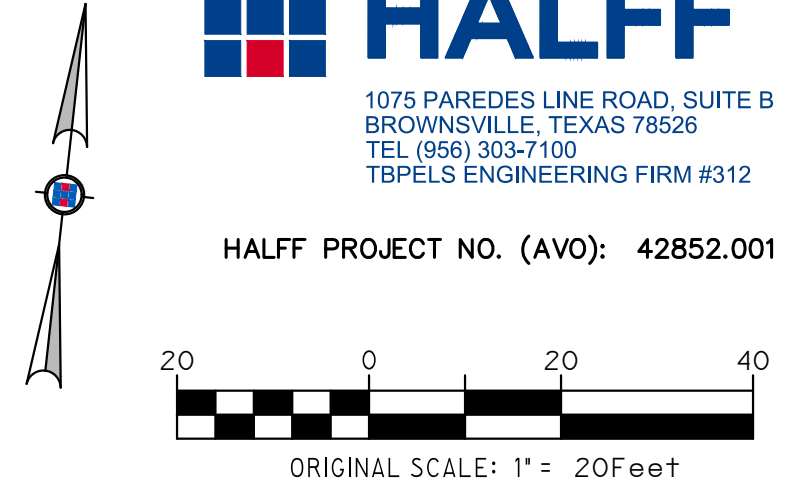
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TBP FIRM #F-312



HALFF
 1075 PAREDES LINE ROAD, SUITE B
 BROWNSVILLE, TEXAS 78509
 TEL (956) 303-7100
 TBPELS ENGINEERING FIRM #312

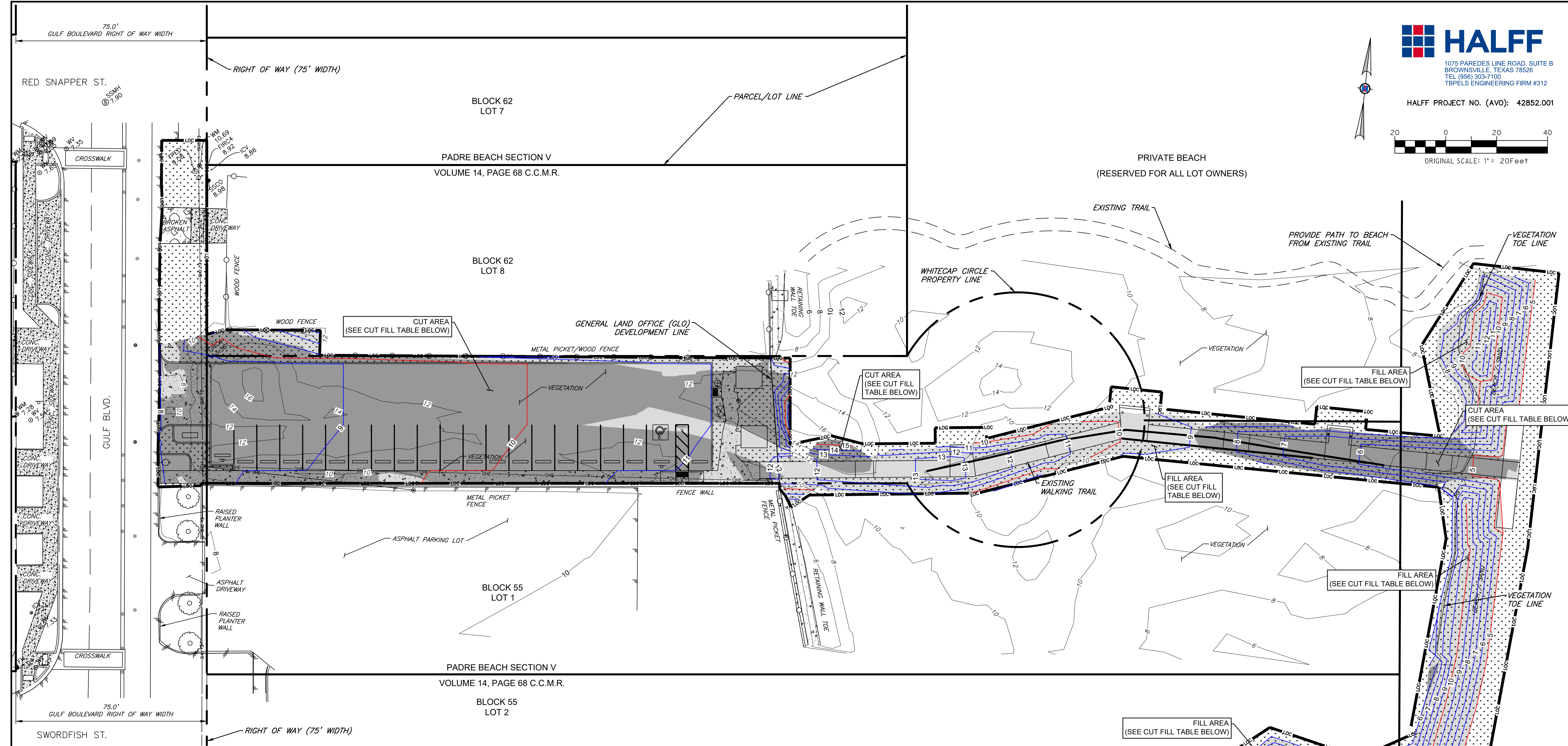
HALFF PROJECT NO. (AVO): 42852.001



ORIGINAL SCALE: 1" = 20' Feet



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 CONSULTING STRUCTURAL ENGINEERS
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 HARLINGEN, TEXAS 78550
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 FIRM REGISTRATION #F-4145



SEAL

PROJECT

**WALKOVER
 AT WHITECAP CIRCLE**

SOUTH PADRE ISLAND,
 TEXAS

CLIENT

**CITY OF
 SOUTH PADRE ISLAND**



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 TEXAS

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MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16
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 CHECKED BY RA
 SCALE AS SHOWN
 SHEET TITLE

**DUNE MITIGATION
 PLAN**

SHEET NO.

C1.8

SHEET SPECIFIC LEGEND
 SEE SHEET C1.2 FOR GENERAL LEGEND

- PROPOSED MAJOR CONTOUR (5' INCREMENTS)
- PROPOSED MINOR CONTOUR (1' INCREMENTS)
- LIMITS OF CONSTRUCTION

CUT FILL TABLE

Description	Color	Approximate Volume
Cut		1224 CY
Fill		1224 CY

MITIGATION INFORMATION

THE QUANTITIES PROVIDED BELOW ARE APPROXIMATE

TOTAL CONSTRUCTION AREA = 39,359 SQUARE FEET (0.90 ACRES)
 VEGETATION AREA - TEMPORARILY IMPACTED = 7,732 SQUARE FEET
 VEGETATION AREA - PERMANENTLY IMPACTED = 11,348 SQUARE FEET

*NON-VEGETATION AREA
 TO REMAIN NON-VEGETATED = 2,068 SQUARE FEET
 TO BE VEGETATED = 18,211 SQUARE FEET

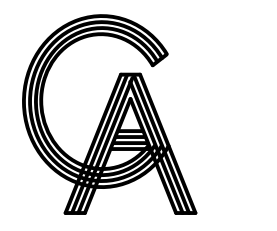
*NOTE: NON-VEGETATION AREA INCLUDES, BUT IS NOT LIMITED TO:
 EXISTING WALKING TRAIL
 EXISTING DRIVEWAY(S)
 EXISTING BEACH / SAND AREA

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HALFF PROJECT NO. (AVO): 42852.001



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HARLINGEN, TEXAS 78550
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SEAL

PROJECT

WALKOVER
AT WHITECAP CIRCLE

SOUTH PADRE ISLAND,
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SCALE AS SHOWN

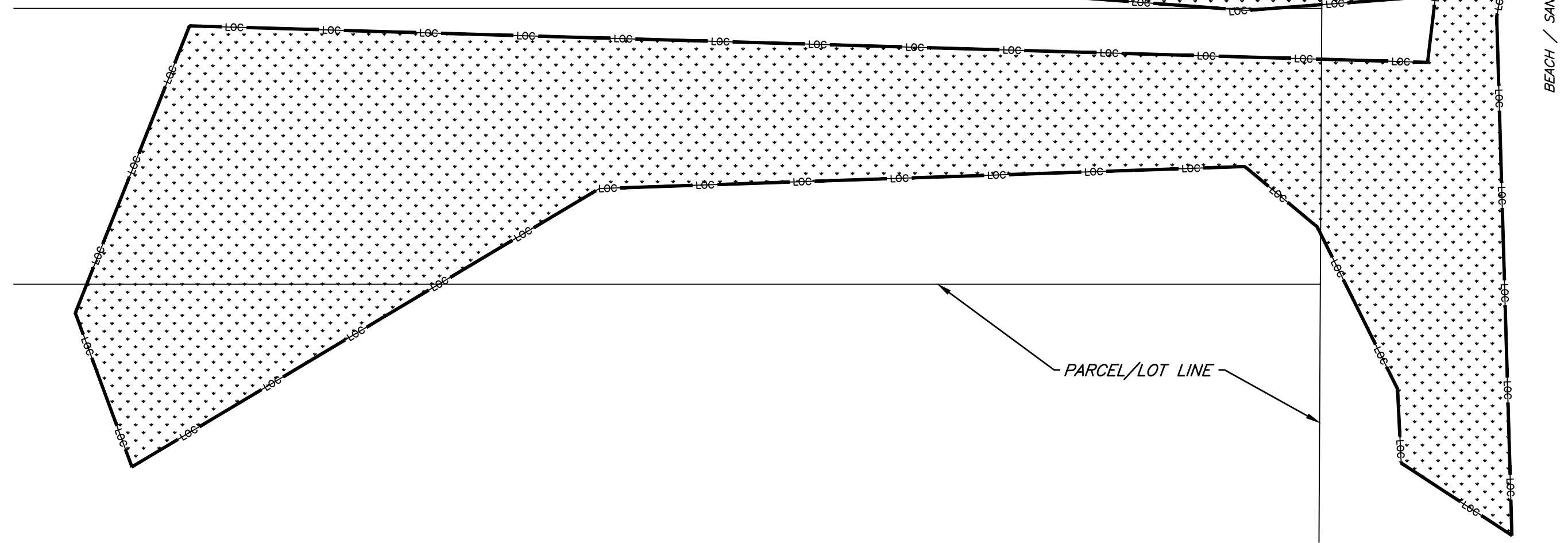
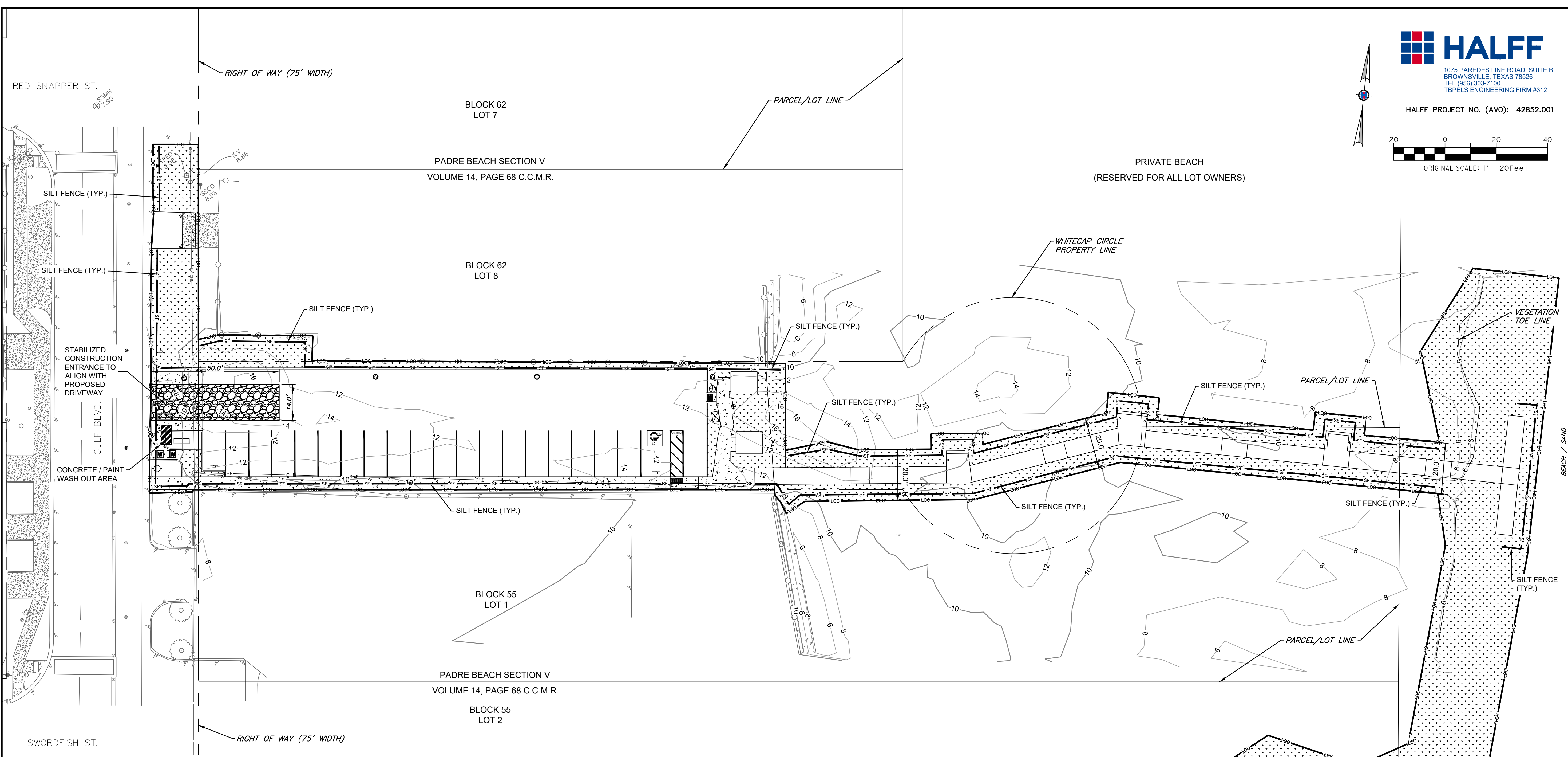
SHEET TITLE
**MINIMUM SUGGESTED
EROSION CONTROL
MEASURES**

SHEET NO.

C1.9

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STORM WATER POLLUTION PREVENTION PLAN INFORMATION

NATURE OF CONSTRUCTION ACTIVITY
* SITE (PEDESTRIAN) IMPROVEMENTS

SUGGESTED SEQUENCE OF MAJOR ACTIVITIES
* INSTALL EROSION CONTROL MEASURES
* DEMOLITION
* INSTALL UNDERGROUND UTILITIES
* DUNE MITIGATION / GRADING
* INSTALL PROPOSED IMPROVEMENTS
* REMOVE EROSION CONTROL MEASURES

AREA OF SITE
* TOTAL AREA OF DISTURBANCE: APPROXIMATELY 0.90 ACRES

ESTIMATED RUNOFF COEFFICIENT
* PRE-CONSTRUCTION C 0.35 PARK AREA LAND USE
* POST-CONSTRUCTION C 0.45 RESIDENTIAL AREA LAND USE

SOIL DESCRIPTION:
* SAND

SITE PLAN SHOWS THE FOLLOWING:
* EXISTING GENERAL CONTOURS
* LIMITS OF CONSTRUCTION AND SILT FENCING
* PROPOSED SITE PLAN

NAME OF RECEIVING WATERS
GULF OF MEXICO

BMP'S TO BE IMPLEMENTED
* DURING CONSTRUCTION, SILT FENCING SHALL BE ERECTED AND MAINTAINED WHERE SHOWN TO MINIMIZE ESCAPE OF SEDIMENT INTO RECEIVING WATERS.

- SWPPP NOTES:**
- THIS IS NOT A STORM WATER POLLUTION PREVENTION PLAN. CONTRACTOR MUST PROVIDE HIS/HER OPERATION'S SPECIFIC INFORMATION AS PER THE TCEQ PERMIT AND THE SPECIFICATIONS. INCLUDE ALL DOCUMENTATION AND CERTIFICATIONS AS PER THE TCEQ PERMIT
 - STABILIZED CONSTRUCTION ENTRANCE/EXIT LOCATION SHOWN HEREON IS SUGGESTED AND SHALL BE OFFICIALLY DETERMINED BY THE CONTRACTOR.
 - CONCRETE/PAINT WASH OUT AREA LOCATION SHOWN HEREON IS SUGGESTED AND SHALL BE OFFICIALLY DETERMINED BY THE CONTRACTOR.

SHEET SPECIFIC LEGEND
SEE SHEET C1.2 FOR GENERAL LEGEND

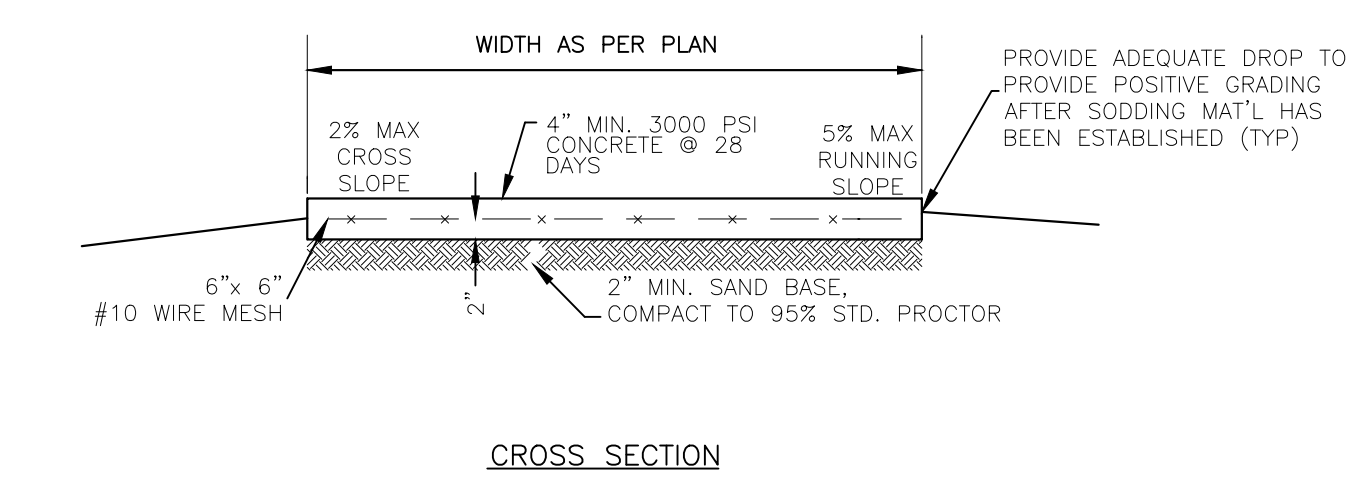
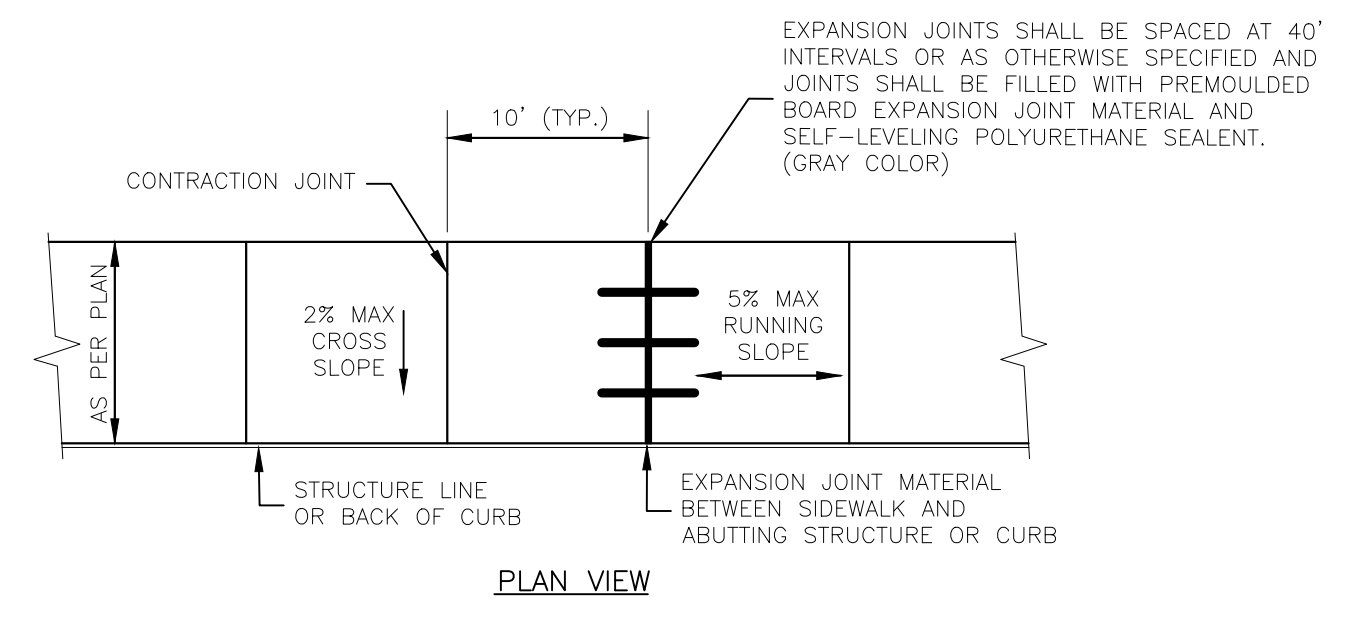
	LIMITS OF CONSTRUCTION
	SILT FENCE
	CONCRETE / PAINT WASH OUT AREA
	STABILIZED CONSTRUCTION ENTRANCE

EROSION CONTROL NOTES:

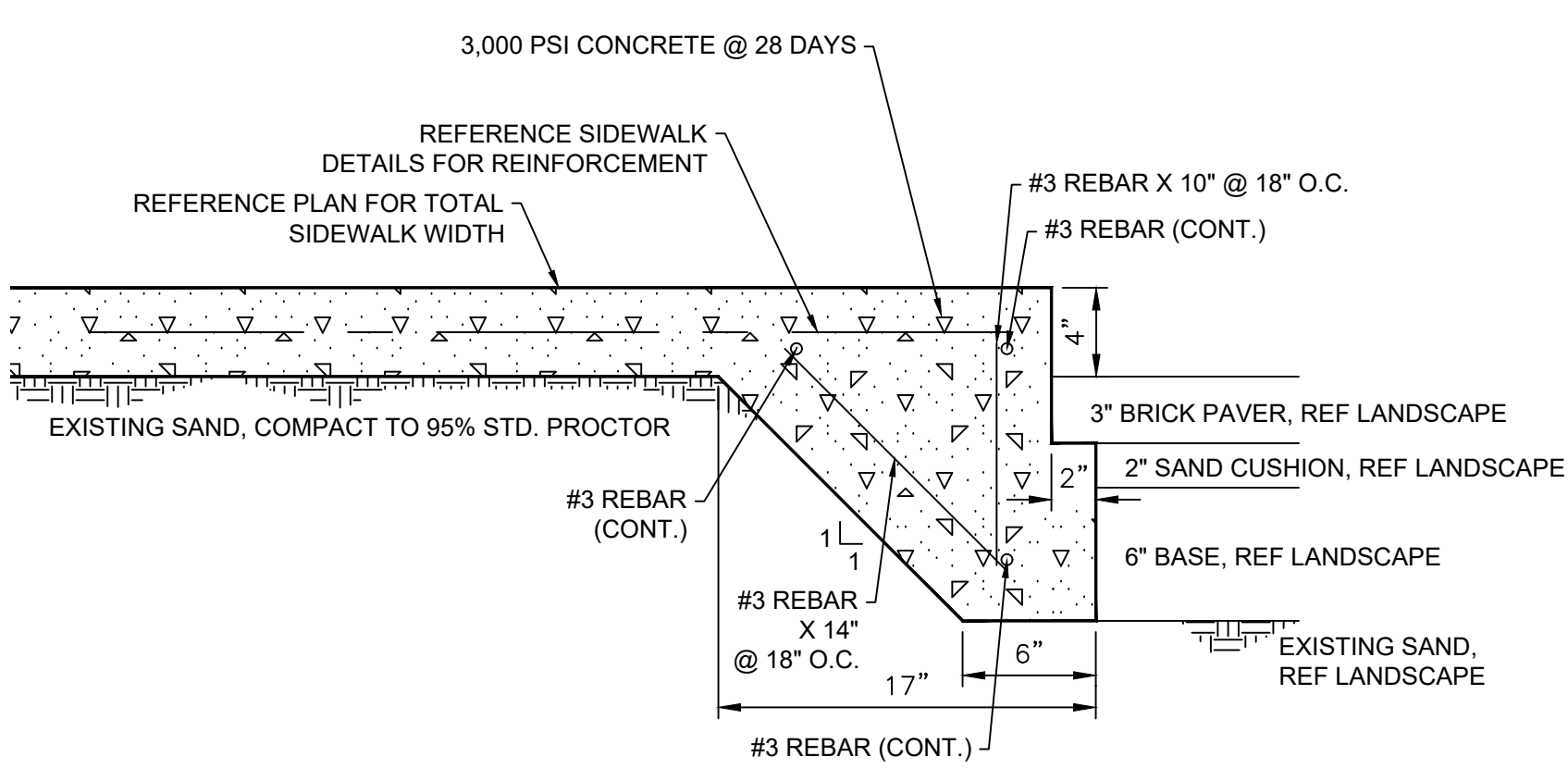
- CONTRACTOR SHALL SUBMIT EROSION CONTROL PLAN TO OWNER AND ENGINEER FOR REVIEW PRIOR TO IMPLEMENTATION.
- CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO COMMENCING CONSTRUCTION.
- LIMITS OF CONSTRUCTION ARE APPROXIMATE ONLY. ACTUAL QUANTITIES MAY VARY. THERE SHALL BE NO CHANGE ORDERS FOR ADDITIONAL QUANTITIES.

EROSION CONTROL DETAILS:

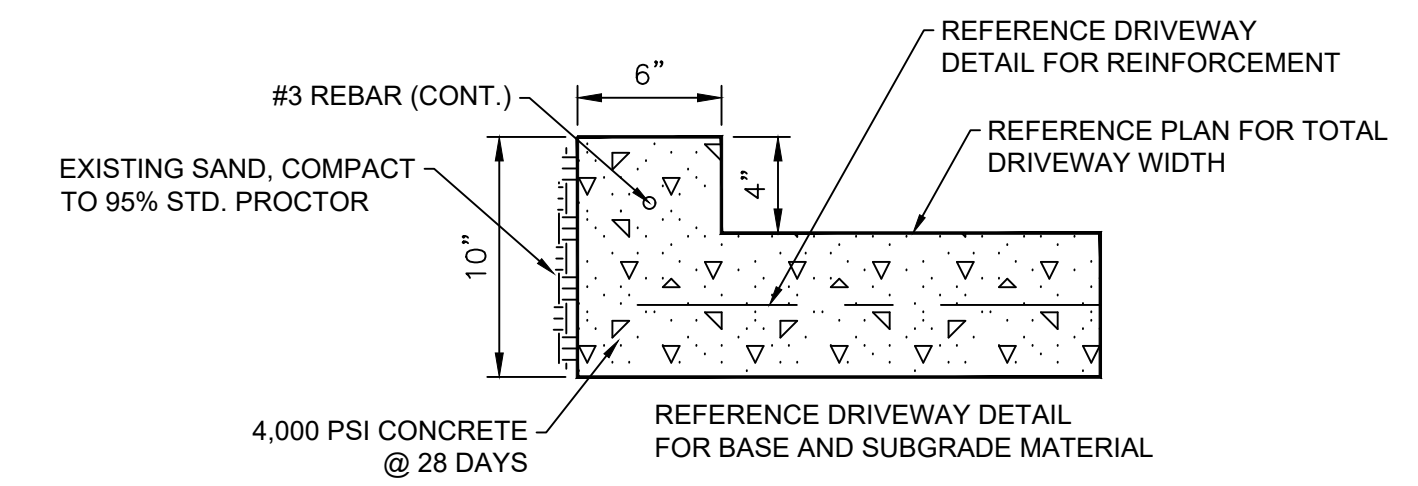
- SEE SHEET C1.11



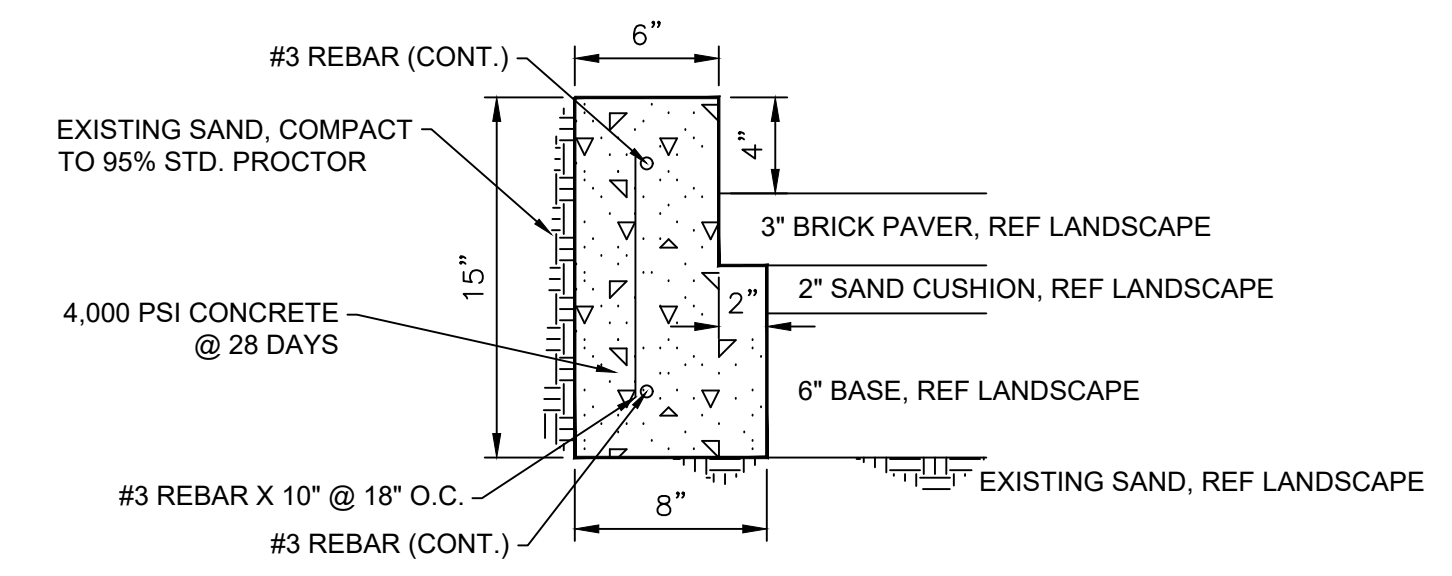
CONCRETE SIDEWALK DETAIL
NTS



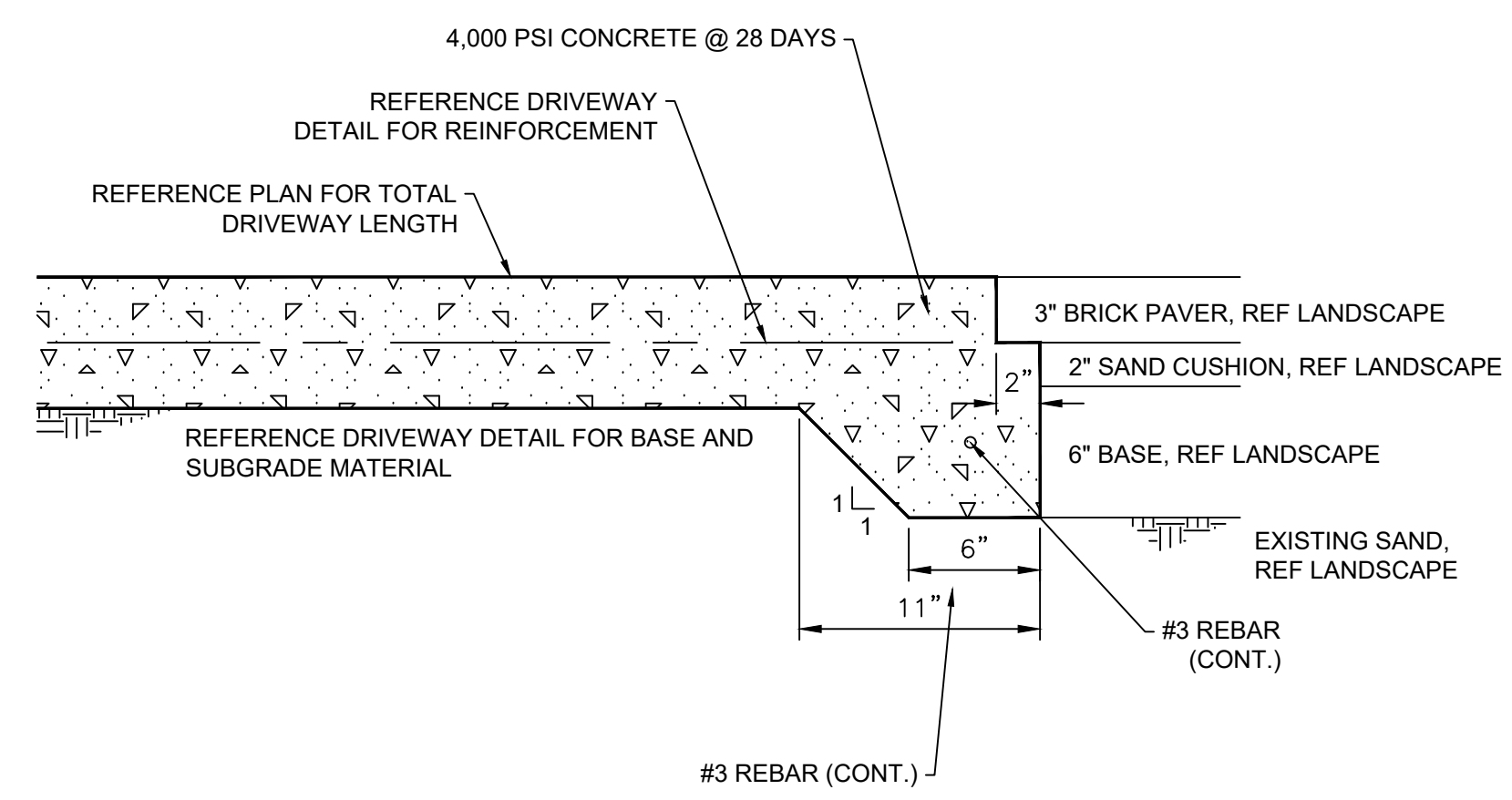
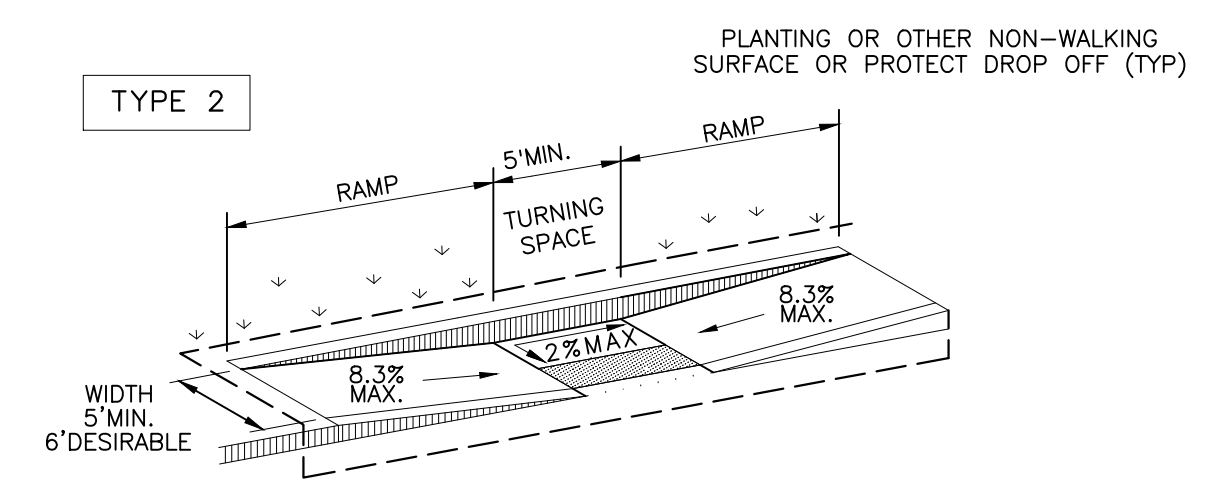
SIDEWALK THICKENED EDGE AT PARKING LOT PAVEMENT
SCALE: N.T.S.



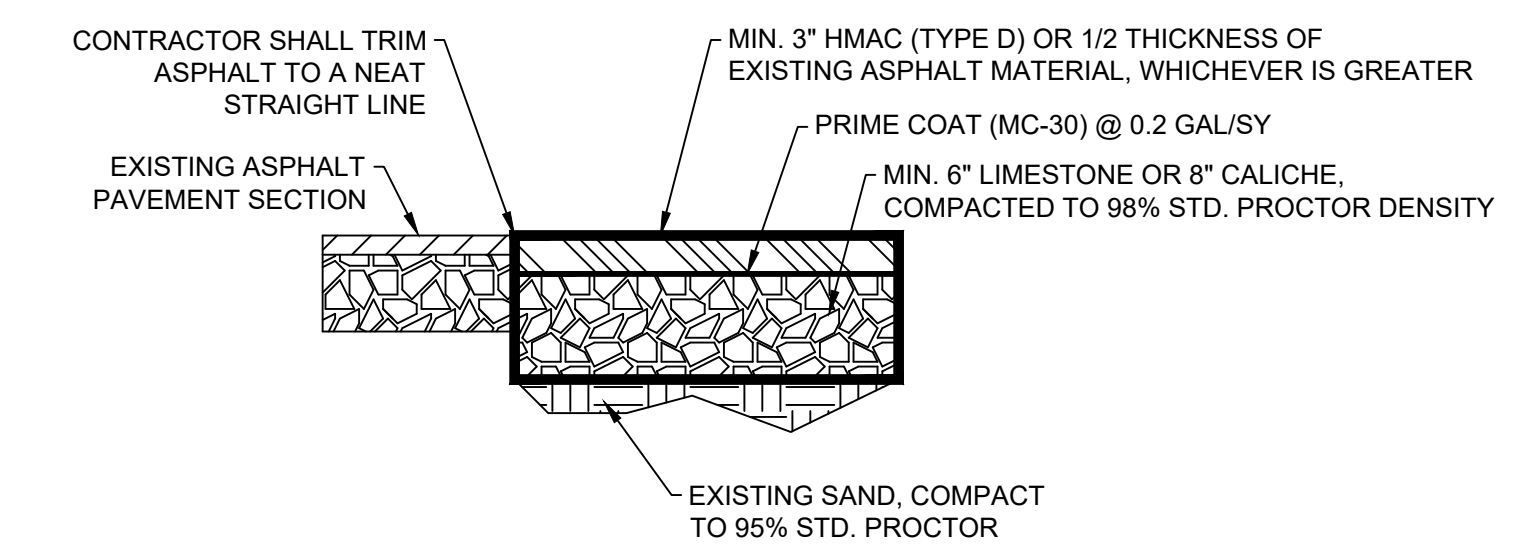
4-INCH CURB AT DRIVEWAY
SCALE: N.T.S.



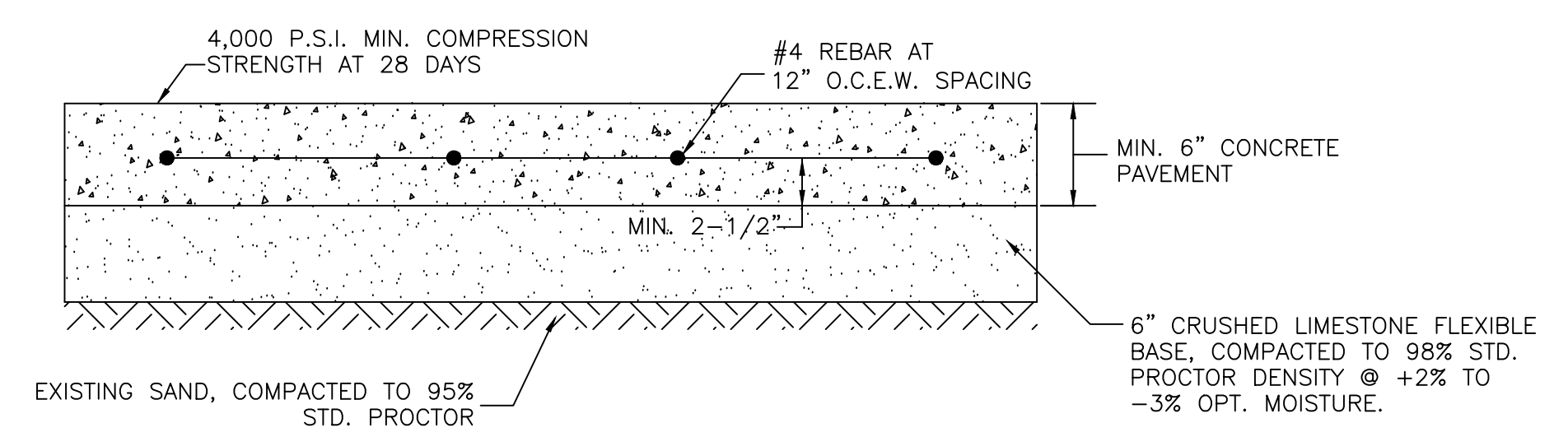
4-INCH CURB AT PARKING LOT PAVEMENT
SCALE: N.T.S.



DRIVEWAY THICKENED EDGE AT PARKING LOT PAVEMENT
SCALE: N.T.S.

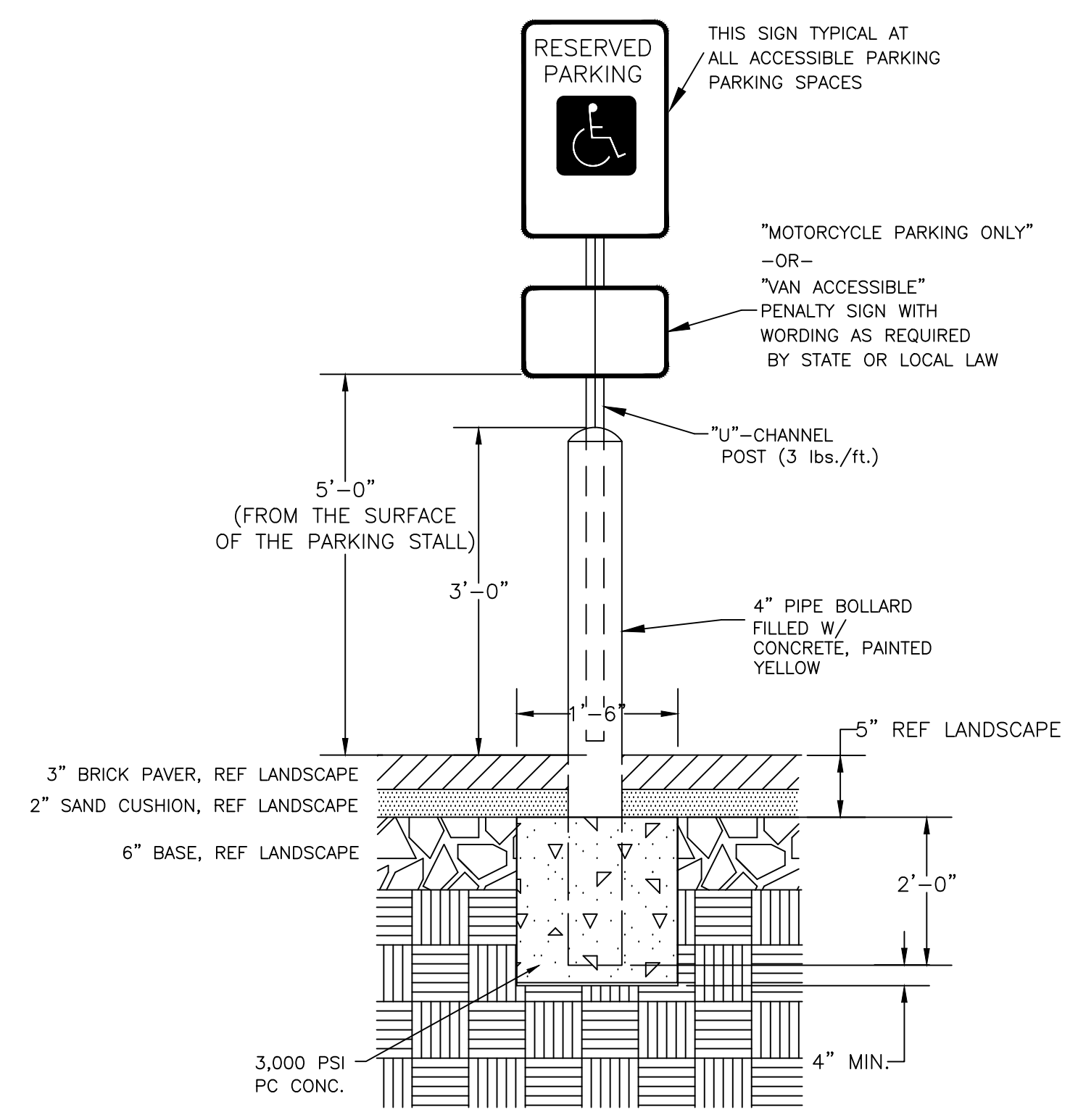


ASPHALT DRIVEWAY REPAIR
SCALE: N.T.S.

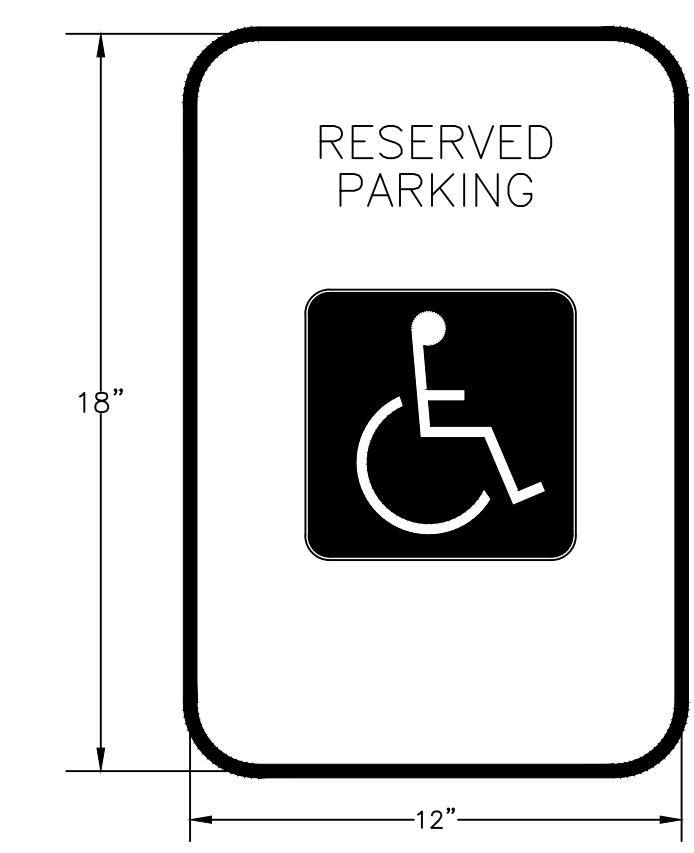


CONCRETE DRIVEWAY DETAIL
N.T.S.

NOTES:
1. CONTRACTION JOINTS SHALL BE CONSTRUCTED EVERY 10' EACH DIRECTION WITH ISOLATION (EXPANSION) JOINTS EVERY 40', EXCEPT WHERE NOTED ON ENTRANCE DETAILS.

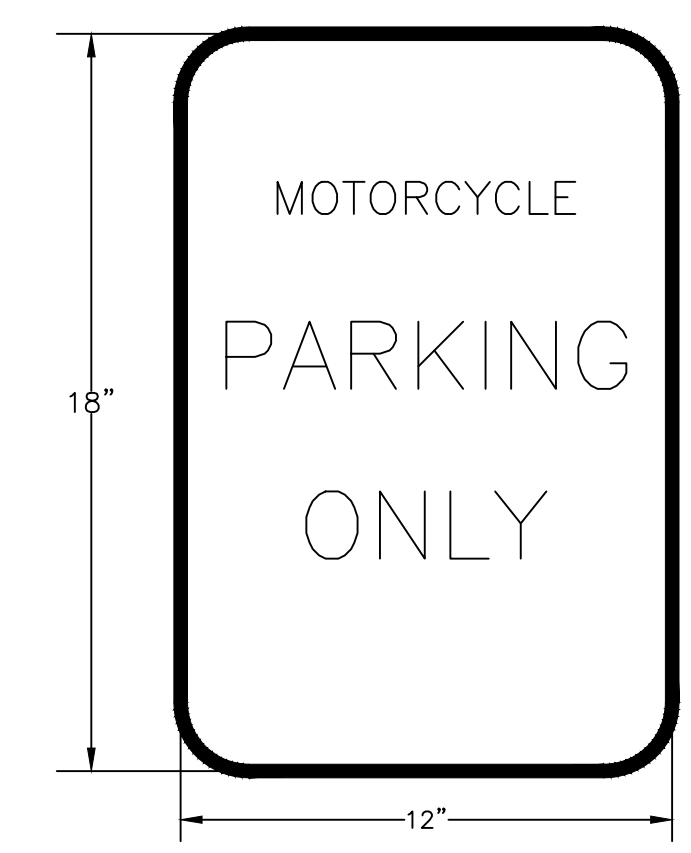


SIGN ASSEMBLY
NTS



COLORS:
• LEGEND AND BORDER - GREEN
• WHITE SYMBOL ON BLUE BACKGROUND
• BACKGROUND - WHITE

ACCESSIBLE SIGN
NTS



COLORS:
• LEGEND AND BORDER - GREEN
• BACKGROUND - WHITE

MOTORCYCLE SIGN
NTS

PROJECT

WALKOVER AT WHITECAP CIRCLE

SOUTH PADRE ISLAND, TEXAS

CLIENT

CITY OF SOUTH PADRE ISLAND

SOUTH PADRE ISLAND, TEXAS

P: 956-761-3044
F: 956-761-3898



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CHECKED BY	RA
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SHEET TITLE

MISCELLANEOUS DETAILS

SHEET NO.

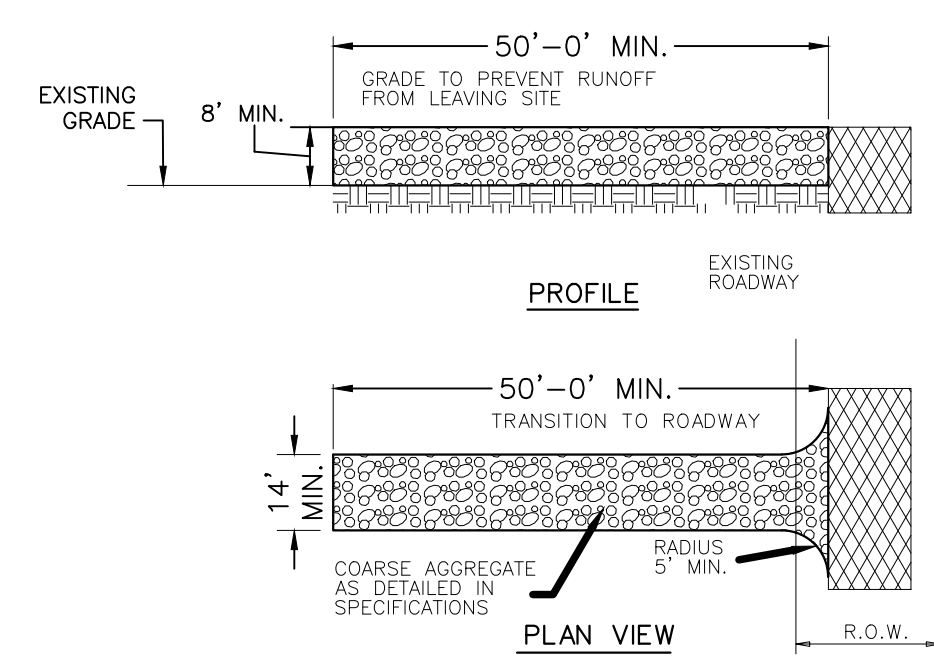
C1.10

100% SUBMITTAL

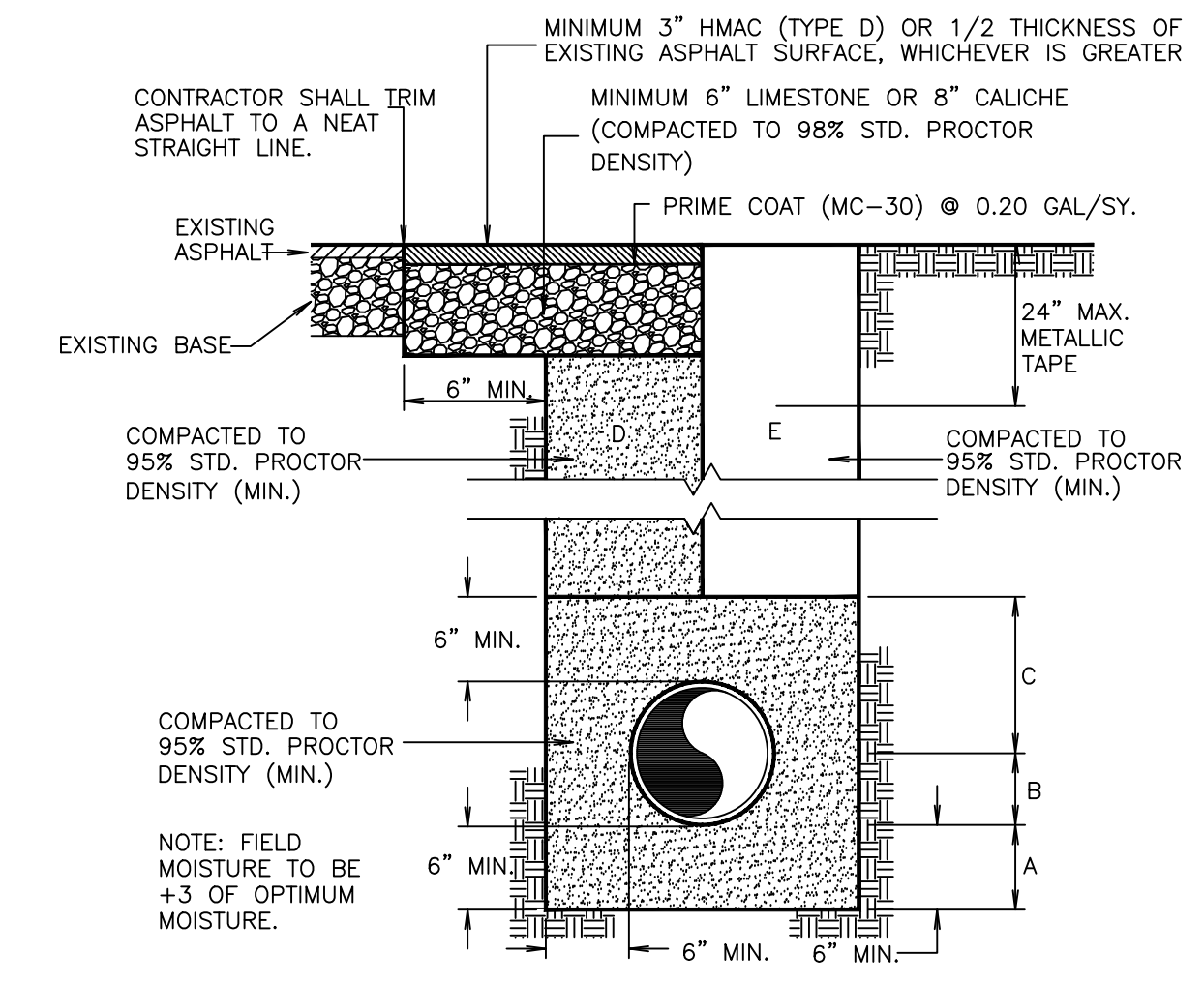
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TBPE FIRM #F-312

CONSTRUCTION ENTRANCE/EXIT NOTES

1. LENGTH SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS, BUT NOT LESS THAN 50 FEET.
2. STONE SHALL BE 3 TO 5 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED CONCRETE. THICKNESS SHALL NOT BE LESS THAN 8 INCHES.
3. WIDTH SHALL NOT BE LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
4. STABILIZATION FOR OTHER AREAS SHALL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION EXIT, UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION DRAWINGS.
5. STABILIZED AREA MAY BE WIDENED OR LENGTHENED TO ACCOMMODATE A TRUCK WASHING AREA. AN OUTLET SEDIMENT TRAP MUST BE PROVIDED FOR THE TRUCK WASHING AREA.
6. STABILIZED CONSTRUCTION EXIT MUST BE PROPERLY GRADED OR INCORPORATE DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE AND SHALL BE MAINTAINED FREE OF SEDIMENT FOR THE DURATION OF THE PROJECT.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE A CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PAVED SURFACES, MUST BE REMOVED IMMEDIATELY.
8. STABILIZED CONSTRUCTION EXIT SHALL BE USED FOR SUBGRADE OF THE PROPOSED ACCESS DRIVE. CONTRACTOR TO LEVEL STABILIZED ROCK AND PLACE CRUSHED LIMESTONE AS PER DETAIL.

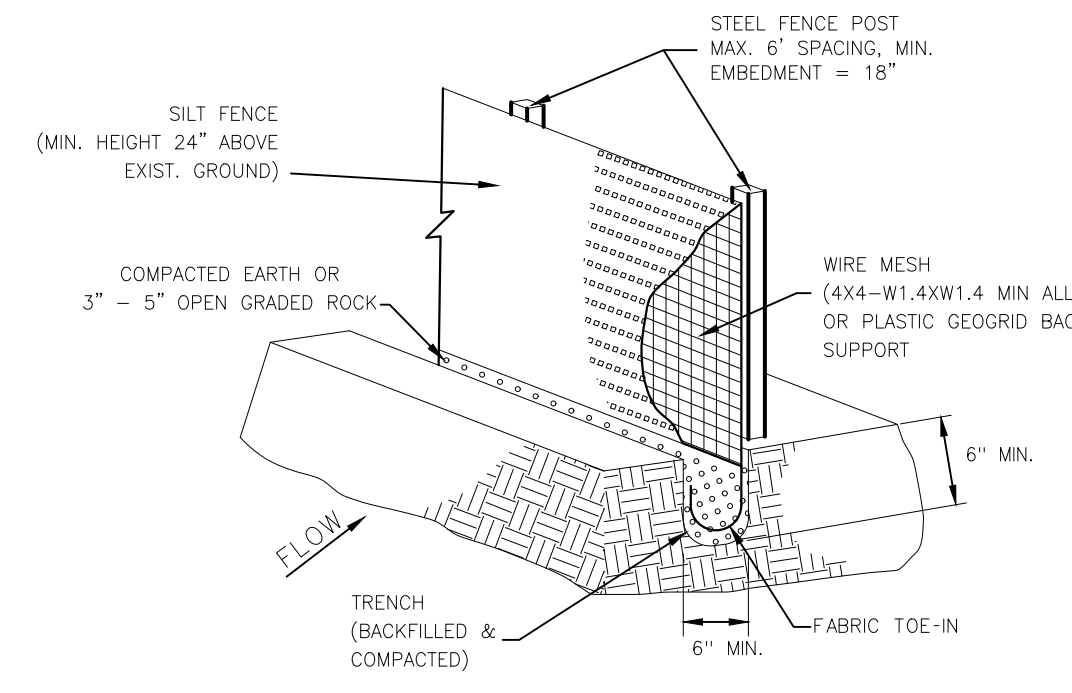


STABILIZED CONSTRUCTION EXIT
 N.T.S.



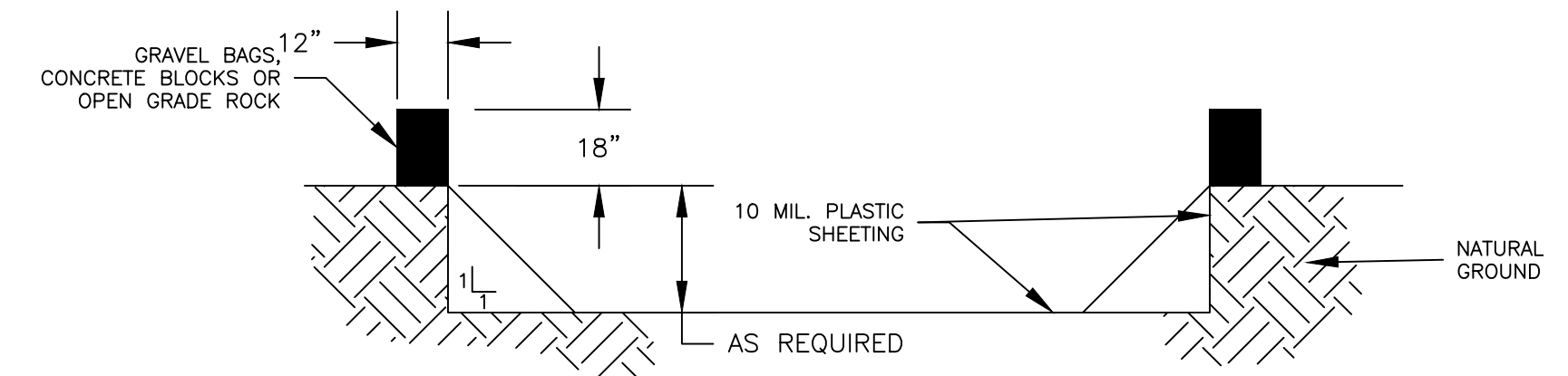
TYPICAL PIPE BEDDING AND TRENCH BACKFILL DETAIL
 N.T.S.

- A SAND BEDDING PLACED BEFORE PIPE IS LAID UP TO FLOW LINE OF PIPE (MIN. THICKNESS = 6").
 - B SAND BACKFILL PLACED AFTER PIPE IS LAID FROM BOTTOM OF PIPE TO SPRING LINE OF PIPE (4" LIFTS, HAND TAMPED).
 - C SAND BACKFILL PLACED FROM SPRING LINE OF PIPE TO 6" ABOVE TOP OF PIPE (6" LIFTS, HAND TAMPED).
 - D SAND BACKFILL, CLASS "A" (6" LIFTS, MECHANICAL COMPACTION).
 - E EARTH BACKFILL, CLASS "B" (12" LIFTS, MECHANICAL COMPACTION).
- FOUNDATION PREPARATION (WELLPOINTS, GRAVEL OR CEMENT STABILIZATION, OR APPROVED SUBSTITUTE) SHALL BE REQUIRED WHEN TRENCH BOTTOM IS UNSTABLE.
- BACKFILLING AT STRUCTURES SHALL BE PLACED IN UNIFORM LAYERS, MOISTENED AS REQUIRED TO APPROXIMATE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO 95% STD. PROCTOR DENSITY. THE THICKNESS OF EACH LOOSE LAYER SHALL NOT EXCEED 6". STRUCTURE BACKFILL MATERIAL SHALL BE SAND, APPROVED SITE SOIL, OR OTHER APPROVED SUBSTITUTE.



ISOMETRIC VIEW
SILT FENCE DETAIL
 N.T.S.

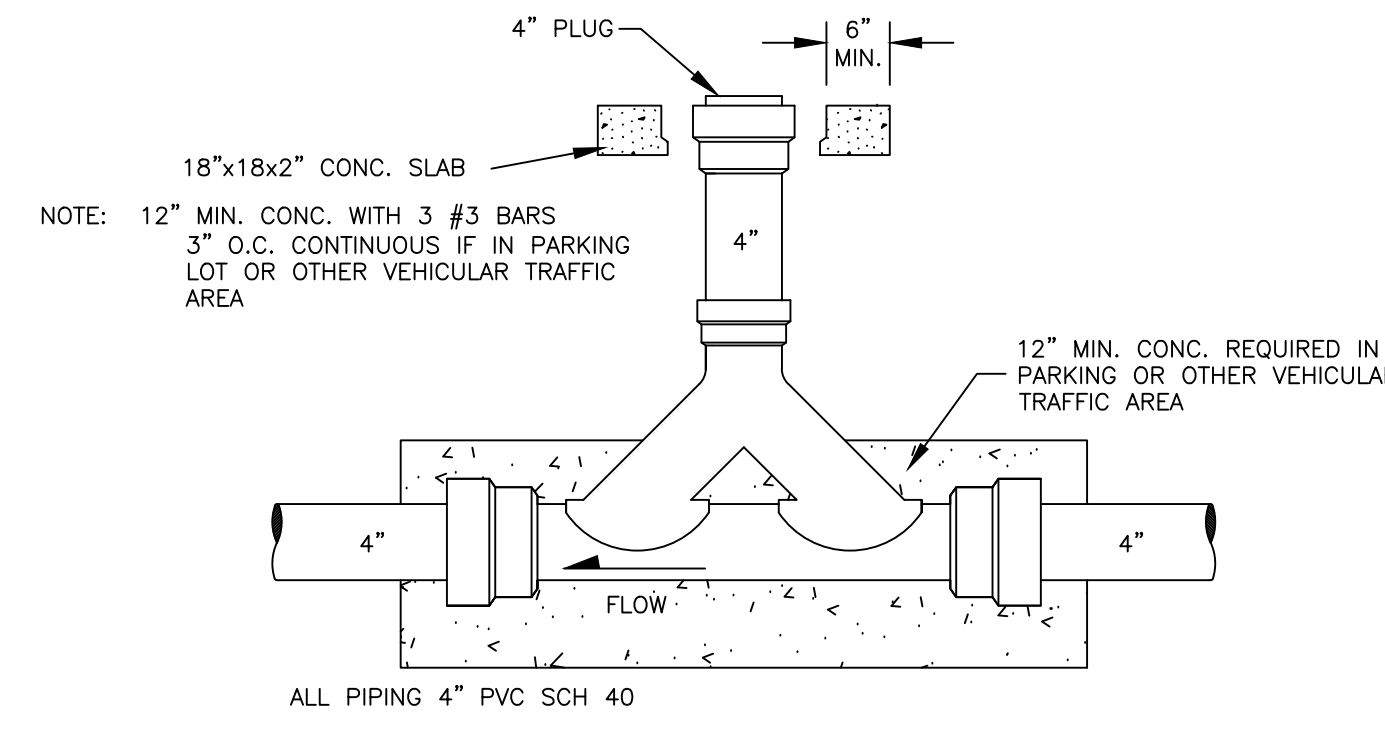
- SILT FENCE NOTES:**
1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED WITH A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 18".
 2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN WEIGHT FABRIC FLAP WITH WASHED GRAVEL. ON UPHILL SIDE, AS NECESSARY, TO PREVENT FLOW UNDER FENCE.
 3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO BACKING SUPPORT, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST. FABRIC SHALL OVERLAP AT ABUTTING ENDS A MINIMUM OF 3 FEET AND SHALL BE JOINED SUCH THAT NO BYPASS OR LEAKAGE OCCURS.
 4. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 5. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
 6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SALTATION.
 7. ALL INLETS SHALL BE ENCLOSED WITH SILT FENCE OR EROSION CONTROL LOGS.
 8. IF EROSION CONTROL DEVICES INTERFERE WITH CONSTRUCTION, THEY MAY BE TEMPORARILY REMOVED UNTIL THAT PORTION OF WORK IS COMPLETE. EROSION CONTROL DEVICES MUST BE IN PLACE AT ALL OTHER TIMES.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBMITTAL OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) THAT SUPPLEMENTS THE INFORMATION PROVIDED IN THE DESIGN PLANS. THE SWPPP INFORMATION PROVIDED IN THE DESIGN PLANS DOES NOT MEET THE REQUIREMENTS SET FORTH IN THE TCEQ GENERAL PERMIT. THIS INFORMATION AND DETAILS ARE ONLY FOR INFORMATIONAL PURPOSES ONLY. (REFER TO SPECIFICATION 02370 - TPDES REQUIREMENTS).



CONCRETE / PAINT WASHOUT PIT
 N.T.S.

WASHOUT PIT NOTES

1. THE EXCAVATION FOR THE CONCRETE WASHOUT SHALL BE A MINIMUM OF 10" WIDE AND A SUFFICIENT LENGTH AND DEPTH TO ACCOMMODATE 7 GALLONS OF WASHOUT WATER AND CONCRETE PER TRUCK PER DAY AND/OR 50 GALLONS WATER AND CONCRETE PER PUMP TRUCK PER DAY.
2. IN THE EVENT THAT THE CONCRETE TRUCK WASHOUT IS CONSTRUCTED ABOVE GROUND, IT SHALL BE 10 FEET WIDE AND 10 FEET LONG WITH THE SAME REQUIREMENTS FOR CONTAINMENT AS DESCRIBED IN NOTE 1.
3. THE CONTAINMENT AREA SHALL BE LINED WITH 10 MIL. PLASTIC SHEETING WITHOUT HOLES OR TEARS. WHERE THERE ARE SEAMS, THESE SHALL BE SECURED ACCORDING TO MANUFACTURERS' DIRECTIONS.
4. THE BERM CONSISTING OF GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK SHALL BE NO LESS THAN 18 INCHES HIGH AND NO LESS THAN 12 INCHES WIDE.
5. THE PLASTIC SHEETING SHALL BE OF SUFFICIENT SIZE SO THAT IT WILL OVER LAP THE TOP OF THE CONTAINMENT AREA AND BE WRAPPED AROUND THE GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK AT LEAST TWO TIMES.
6. THE GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK SHALL BE PLACED ABUTTING EACH OTHER TO FORM A CONTINUOUS BERM AROUND THE OUTER PERIMETER OF THE CONTAINMENT AREA.
7. THE WASHOUT MATERIAL IN THE CONTAINMENT AREA SHALL NOT EXCEED 50% OF CAPACITY AT ANY ONE TIME.
8. SOLIDS SHALL BE REMOVED FROM CONTAINMENT AREA AND DISPOSED OF PROPERLY. ANY DAMAGE TO THE PLASTIC SHEETING SHALL BE REPAIRED OR SHEETING BE REPLACED BEFORE THE NEXT USE.



SINGLE BARREL DOUBLE CLEAN-OUT
 N.T.S.

PROJECT

WALKOVER
 AT WHITECAP CIRCLE

SOUTH PADRE ISLAND,
 TEXAS

CLIENT

CITY OF
 SOUTH PADRE ISLAND

South Padre

SOUTH PADRE ISLAND,
 TEXAS

P: 956-761-3044
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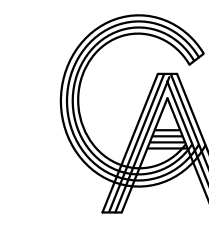
PROJECT NO. 1065-16
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SHEET TITLE

MISCELLANEOUS DETAILS

SHEET NO.

C1.11

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SEAL

PROJECT

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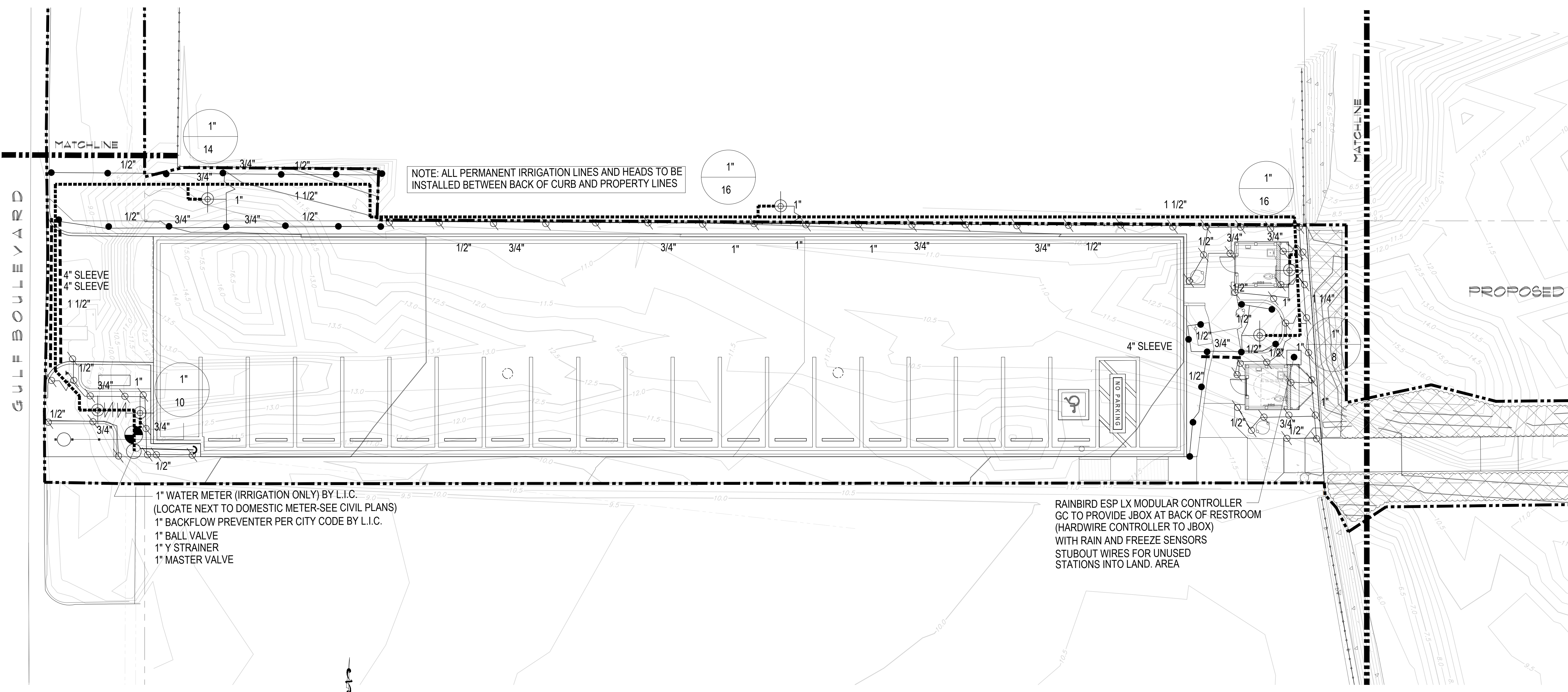
MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	12-10-2021
DRAWN BY	PLM
CHECKED BY	SSP
SCALE	AS SHOWN
SHEET TITLE	

IRRIGATION PLAN

SHEET NO.

L1.01



NOTE: ALL PERMANENT IRRIGATION LINES AND HEADS TO BE INSTALLED BETWEEN BACK OF CURB AND PROPERTY LINES

1" WATER METER (IRRIGATION ONLY) BY L.I.C.
 (LOCATE NEXT TO DOMESTIC METER-SEE CIVIL PLANS)
 1" BACKFLOW PREVENTER PER CITY CODE BY L.I.C.
 1" BALL VALVE
 1" Y STRAINER
 1" MASTER VALVE

RAINBIRD ESP LX MODULAR CONTROLLER
 GC TO PROVIDE JBOX AT BACK OF RESTROOM
 (HARDWIRE CONTROLLER TO JBOX)
 WITH RAIN AND FREEZE SENSORS
 STUBOUT WIRES FOR UNUSED
 STATIONS INTO LAND AREA

1 IRRIGATION PLAN
 SCALE: 1" = 10'-0"

IRRIGATION LEGEND

- RV RAINBIRD R-VAN SERIES ROTARY NOZZLE
- ⊠ RAINBIRD 1404 BUBBLER HEAD
- ▲ RAINBIRD QUICK COUPLER VALVE (33-DLRC) QUICK COUPLERS SHALL BE CONNECTED TO MAINLINE ADD ONE ZONE THAT ACTIVATES MASTER VALVE AND ACTIVATES THE QUICK COUPLERS. LABEL ON COLORED ZONING DIAGRAM - LOCATED ALONG MAINLINE 200' SPACING
- ⊕ RAINBIRD PEB SERIES ELECTRIC VALVE
- ⊙ CONTROLLER (ESP-LX WITH RAINFREEZE SENSOR)
- WATER METER (AS SIZED)
- ⊞ BACKFLOW PREVENTER (AS SIZED)
- CLASS 200 PVC LATERAL PIPING
- - - CLASS 200 PVC MAINLINE
- - - SCH. 40 PVC SLEEVING (AS SIZED)
- VALVE SIZE
- GPM

- DRIPLINE (BED) RAINBIRD DRIPLINE XFS (18" LATERAL SPACING, 12" EMITER SPACING) XF SERIES TIE DOWN STAKES (TDS-050) @ 36" O.C. & TWO ON EACH TEE/ELBOW PVC LATERAL PIPING SIZED AS REQUIRED
 - TEMPORARY IRRIGATION RAINBIRD DRIP CONTROL ZONE KIT X CZ-100-PRB-COM (EACH DRIP ZONE) 1" BALL VALVE WITH REGULATED PRESSURE AND 200 MESH FILTRATION (1) DRIP SYSTEM OPERATION INDICATOR (OPERIND) PER IRRIGATION ZONE
- INSTALL ALL EQUIPMENT ACCORDING TO MANUFACTURERS SPECIFICATIONS
 ALL VALVE BOXES SHALL BE RAINBIRD VB-STD OR APPROVED EQUAL
 ALL VALVE BOXES SHALL HAVE FILTER FABRIC AND 4" OF GRAVEL AT BASE

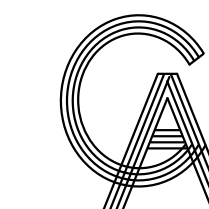
DESIGN PRESSURE 60 PSI
 ELECTRICAL SPLICES AT EACH VALVE AND CONTROLLER ONLY.
 IRRIGATION IN TEXAS IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) MC-178 P.O. BOX 13087 AUSTIN, TX 78111-3087. TCEQ'S WEBSITE IS: www.tceq.state.tx.us

BUBBLER PIPING CHART

NUMBER OF BUBBLERS	SIZE OF PIPE
1 - 5	3/2"
6 - 10	3/4"
11 - 20	1"
21 - 30	1 1/4"
31 - 40	1 1/2"



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 FIRM REGISTRATION #F-4145


SEAL

PROJECT

**WALKOVER
 AT WHITECAP CIRCLE**

**SOUTH PADRE ISLAND,
 TEXAS**

CLIENT

**CITY OF
 SOUTH PADRE ISLAND**

**SOUTH PADRE ISLAND,
 TEXAS**
 P: 956-761-3044
 F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	12-10-2021
DRAWN BY	PLM
CHECKED BY	SSP
SCALE	AS SHOWN

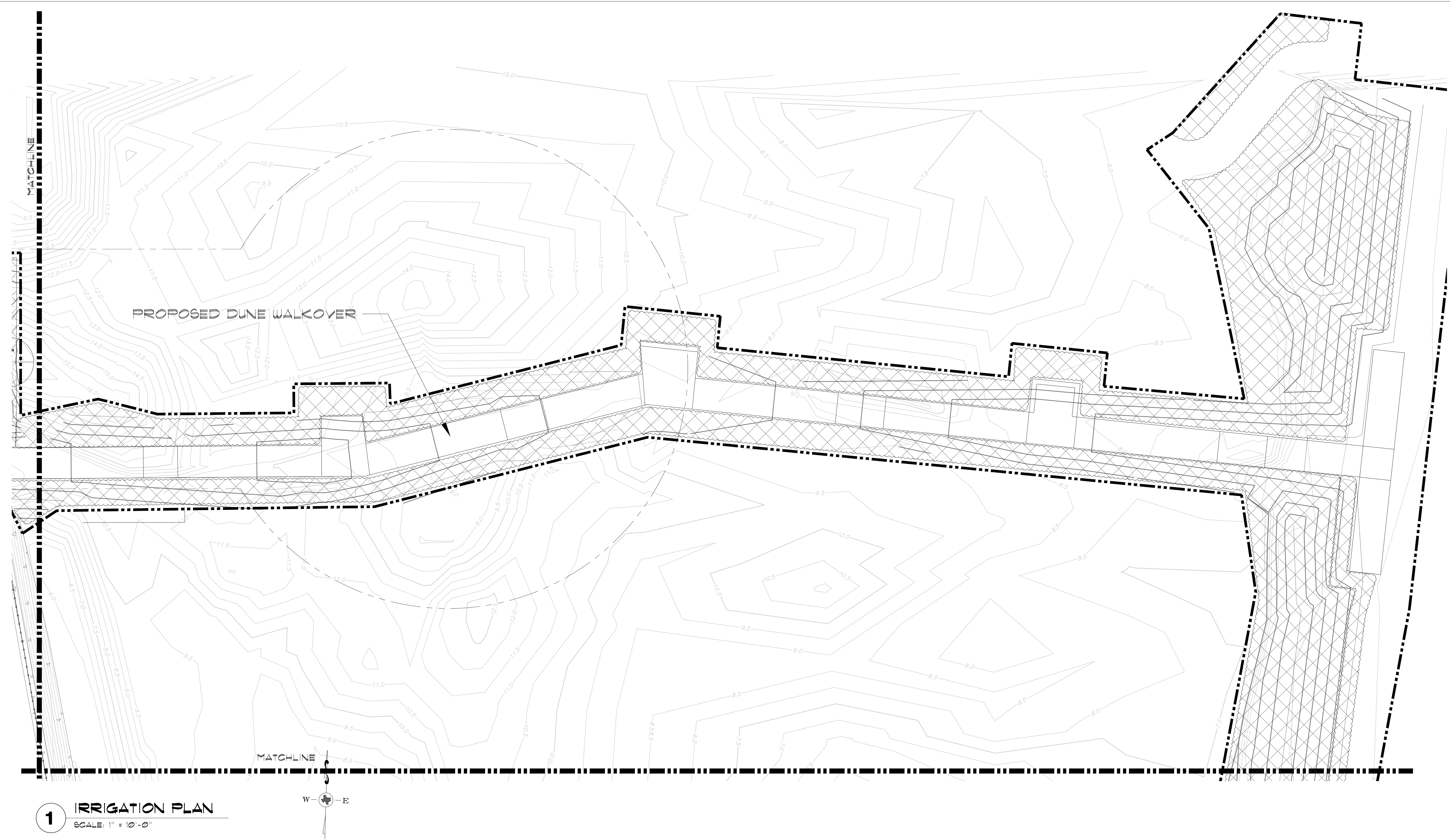
SHEET TITLE

**IRRIGATION
 PLAN**

SHEET NO.

L1.02

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1 IRRIGATION PLAN
 SCALE: 1" = 10'-0"

IRRIGATION LEGEND

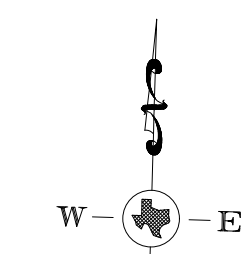
- RV RAINBIRD R-VAN SERIES ROTARY NOZZLE
- ☒ RAINBIRD 1404 BUBBLER HEAD
- ▲ RAINBIRD QUICK COUPLER VALVE (33-DLRC) QUICK COUPLERS SHALL BE CONNECTED TO MAINLINE ADD ONE ZONE THAT ACTIVATES MASTER VALVE AND ACTIVATES THE QUICK COUPLERS, LABEL ON COLORED ZONING DIAGRAM - LOCATED ALONG MAINLINE 200' SPACING
- ⊕ RAINBIRD PEB SERIES ELECTRIC VALVE
- ⊙ CONTROLLER (ESP-LX WITH RAIN/FREEZE SENSOR)
- ⊕ WATER METER (AS SIZED)
- ⊖ BACKFLOW PREVENTER (AS SIZED)
- CLASS 200 PVC LATERAL PIPING
- CLASS 200 PVC MAINLINE
- - - SCH. 40 PVC SLEEVING (AS SIZED)
- ⊕ VALVE SIZE
- ⊖ GPM

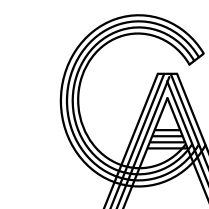
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 ELECTRICAL SPICES AT EACH VALVE AND CONTROLLER ONLY.
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BUBBLER PIPING CHART

NUMBER OF BUBBLERS	SIZE OF PIPE
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DRAWN BY PLM

CHECKED BY SSP

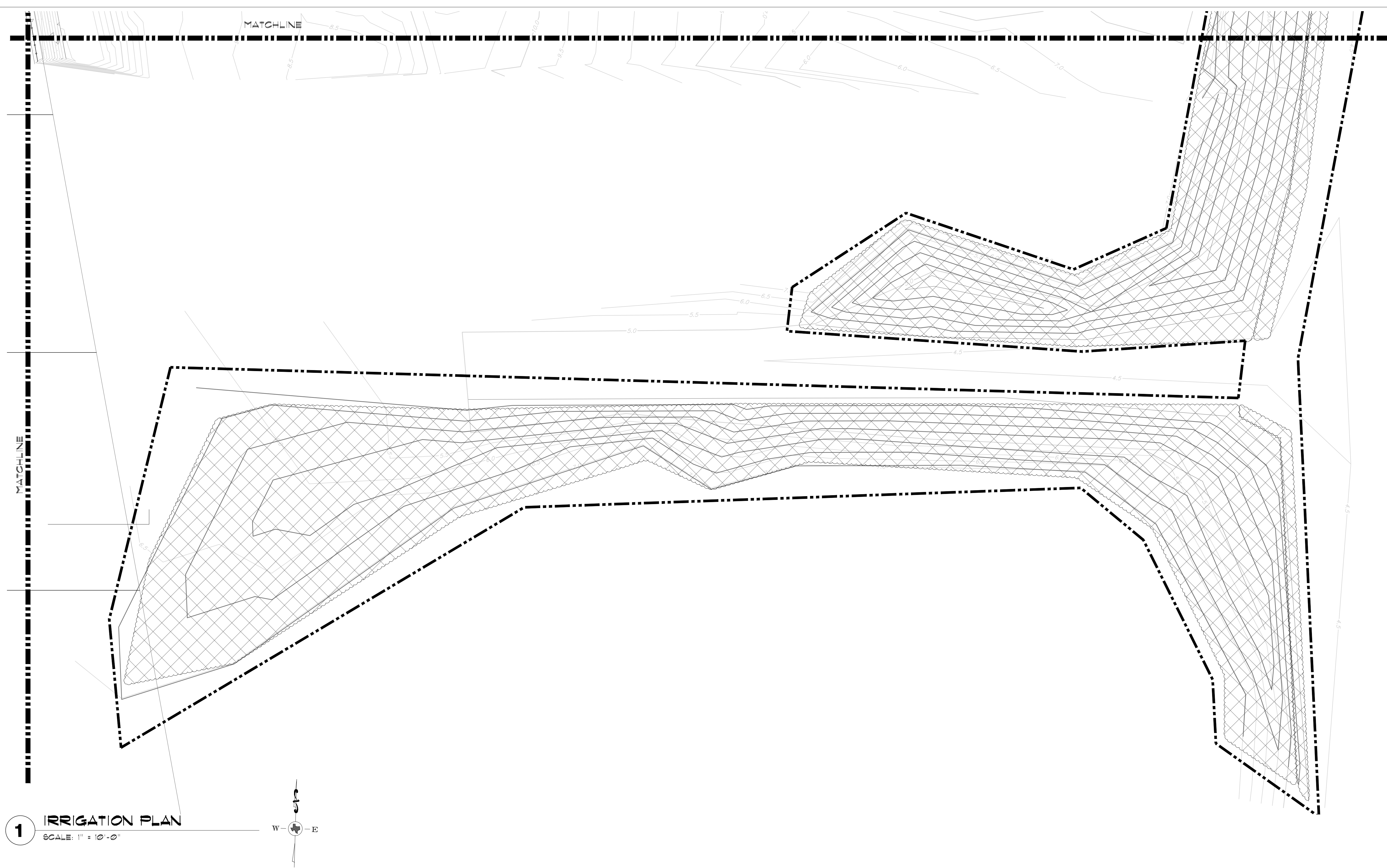
SCALE AS SHOWN

SHEET TITLE

**IRRIGATION
 PLAN**

SHEET NO.

L1.03



1 IRRIGATION PLAN
 SCALE: 1" = 10'-0"

IRRIGATION LEGEND

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 - ⊠ RAINBIRD 1404 BUBBLER HEAD
 - ▲ RAINBIRD QUICK COUPLER VALVE (33-DLRC) QUICK COUPLERS SHALL BE CONNECTED TO MAINLINE ADD ONE ZONE THAT ACTIVATES MASTER VALVE AND ACTIVATES THE QUICK COUPLERS. LABEL ON COLORED ZONING DIAGRAM - LOCATED ALONG MAINLINE 200' SPACING
 - ⊕ RAINBIRD PEB SERIES ELECTRIC VALVE
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 - - - CLASS 200 PVC MAINLINE
 - - - SCH. 40 PVC SLEEVING (AS SIZED)
 - ⊕ VALVE SIZE
 - ⊕ GPM
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BUBBLER PIPING CHART

NUMBER OF BUBBLERS	SIZE OF PIPE
1 - 5	1/2"
6 - 10	3/4"
11 - 20	1"
21 - 30	1 1/4"
31 - 40	1 1/2"



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IRRIGATION LEGEND

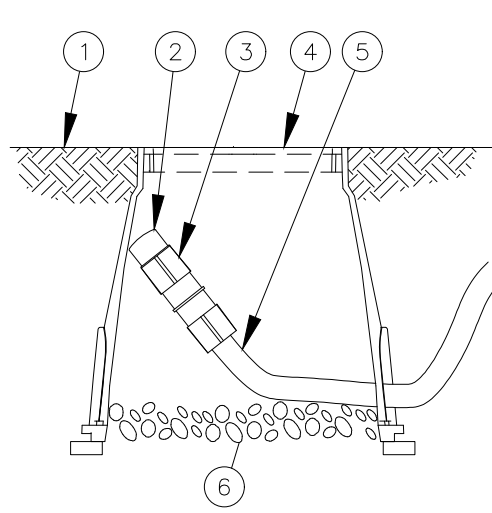
- RV RAINBIRD R-VAN SERIES SPRAY NOZZLE
- ☒ RAINBIRD 1404 BUBBLER HEAD
- ▲ RAINBIRD QUICK COUPLER VALVE (33-DLRC) QUICK COUPLERS SHALL BE CONNECTED TO MAINLINE ADD ONE ZONE THAT ACTIVATES MASTER VALVE AND ACTIVATES THE QUICK COUPLERS. LABEL ON COLORED ZONING DIAGRAM - LOCATED ALONG MAINLINE 200' SPACING
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- SCH. 40 PVC SLEEVING (AS SIZED)
- VALVE SIZE
- GPM

TEMPORARY IRRIGATION



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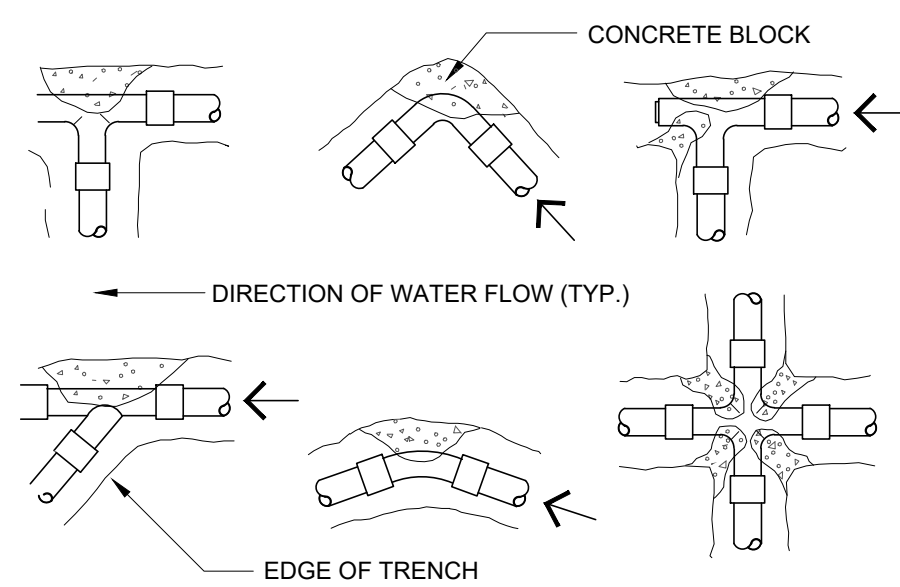
BUBBLER PIPING CHART		
NUMBER OF BUBBLERS	SIZE OF PIPE	
1-5	3/4"	
6-10	1"	
11-20	1 1/4"	
21-30	1 1/2"	
31-40	1 3/4"	



- 1 FINISH GRADE
- 2 FLUSH CAP FOR EASY FIT CORVENSION FITTINGS: POTABLE: RAIN BIRD MDCFCAP NON-POTABLE: RAIN BIRD MDCFCAP
- 3 EASY FIT COUPLING: RAIN BIRD MDCFCOUP
- 4 SUBTERRANEAN EMITTER BOX: RAIN BIRD SEB 7XB
- 5 SUB-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE POTABLE: XFS DRIPLINE NON-POTABLE: XFSP DRIPLINE
- 6 3/4-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL WITH FILTER FABRIC AT BASE

NOTE:
1. ALLOW A MINIMUM OF 6-INCHES OF DRIPLINE TUBING IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

1 DRIPLINE NOT TO SCALE



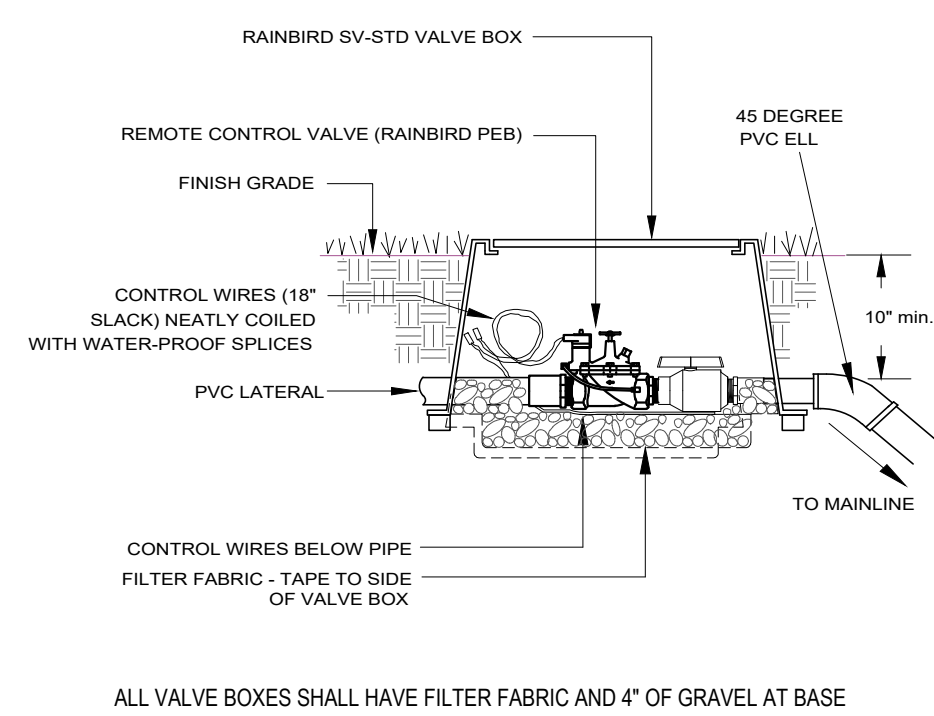
PIPE SIZE	THRUST BLOCK BEARING AREA (SQ. FT.)		
	1 1/4" - 2 1/2"	3"	4"
TEES/ELLS	1.00	1.00	1.25
90 BENDS	1.00	1.25	2.00
45 BENDS	1.00	1.00	2.4

NOTE:
INSTALL THRUST BLOCK AT ALL MAINLINE BENDS, TEES OR ELLS AS SHOWN BELOW. THRUST BLOCKS SHALL BE MINIMUM OF (1) SQ. FT. RED-MARK CONCRETE OR 2500 PSI 28 DAY CONCRETE.

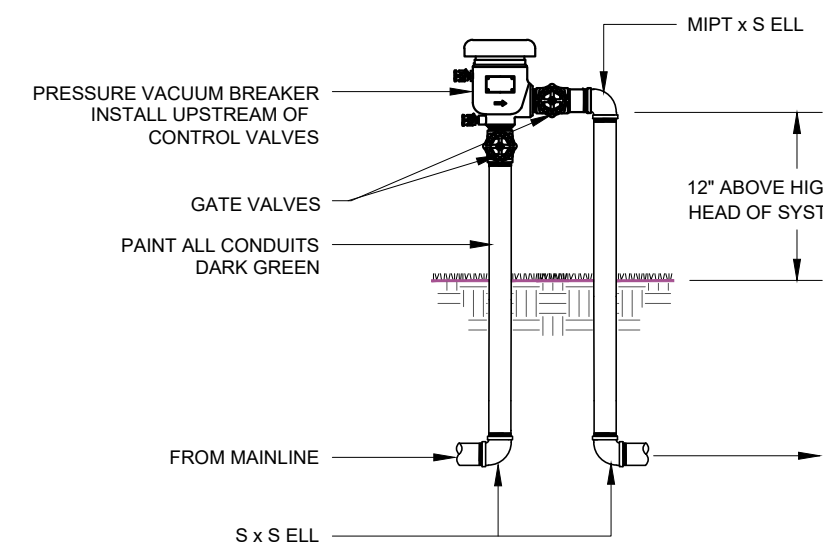
2 THRUST BLOCK DETAIL NOT TO SCALE

IRRIGATION NOTES

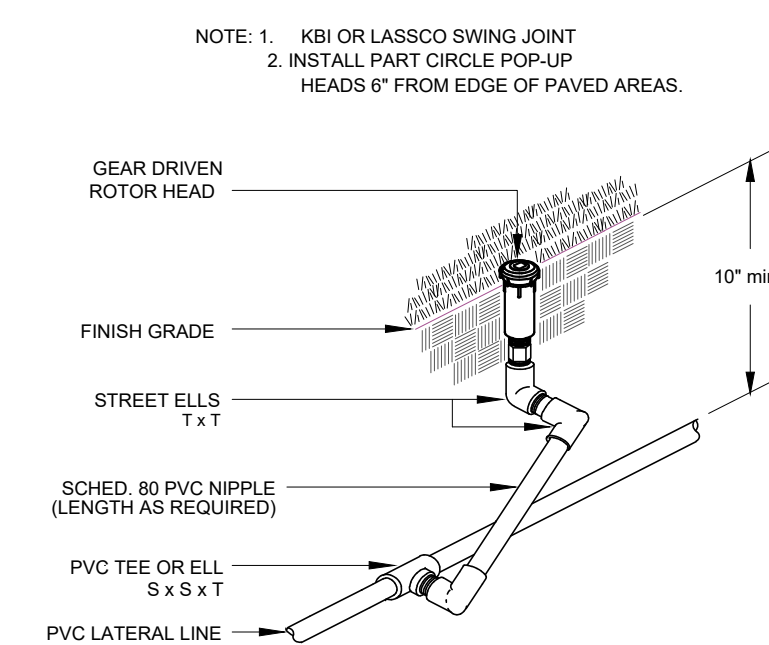
1. All equipment numbers reference Rainbird equipment catalog unless otherwise indicated.
2. LAWN SPRAY HEADS are RVAN installed as per detail.
3. SHRUB SPRAY HEADS are RVAN installed as per detail.
4. ELECTRIC CONTROL VALVES shall be PEB installed as per detail shown. Size valves as shown on plans. Valves shall be installed in valve boxes large enough to permit manual operation, removal of solenoid and/or valve cover without any earth excavation. (Refer to Specifications)
5. AUTOMATIC CONTROLLER shall be installed at location shown. Power (120V) shall be located in a junction box within five feet (5') of controller location. Power supply and junction box to be provided by General Contractor.
6. All 24 volt valve wiring is to be UF 14 single conductor. All wire splices are to be permanent and waterproof. (Refer to Specifications)
7. SLEEVES shall be supplied and installed by Irrigation Contractor. Sleeve material shall be Schedule 40. Bore under existing pavement as required. Sizes as indicated on plans.
8. Ten days prior to start of construction, contractor shall verify static water pressure. If static pressure is less than 50 PSI, do not start work until notified to do so by SSP Design.
9. All mainline and lateral piping shall have a minimum of 12 inches of cover. All piping under paving shall have a minimum of 18 inches of cover. (Refer to Specifications).
10. The irrigation contractor shall coordinate installation of the system with the landscape contractor so that all plant material will be watered in accordance with the intent of the plans and specifications.
11. The irrigation contractor shall select the proper arc and radius for each nozzle to insure 100% and proper coverage of all lawn areas and plant material. All nozzles in parking lots and planting beds shall be low angle to minimize overspray on pavement surfaces. No water will be allowed to spray on building.
12. The irrigation contractor shall warranty all system components for a period of one year plus 20 days. (Refer to Specifications).
13. See specifications for further instructions and project requirements. Contractor shall follow specification section 328000 - Site Irrigation for any discrepancies between plans and specifications.



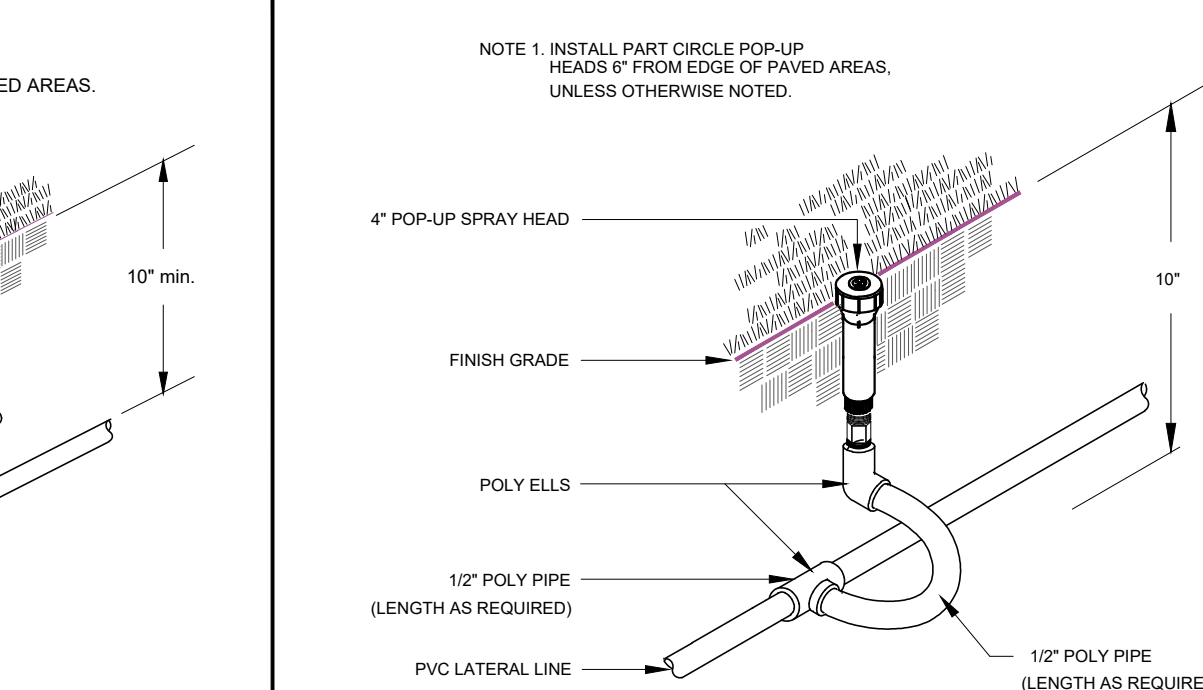
3 REMOTE CONTROL VALVE NOT TO SCALE



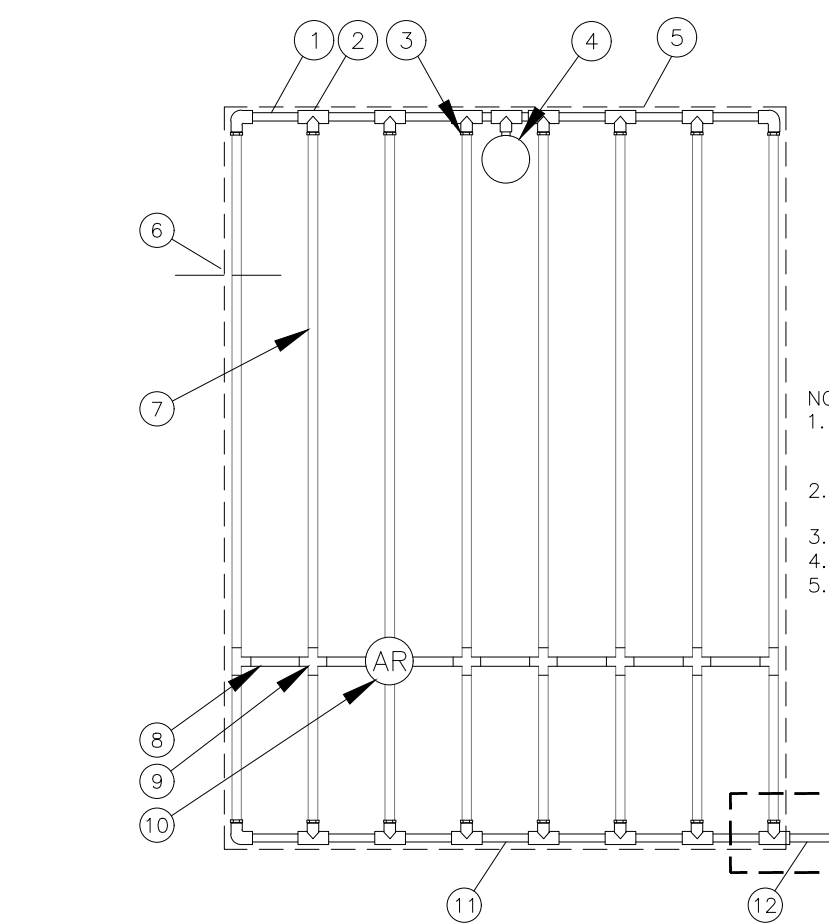
7 PRESSURE VACUUM BREAKER NOT TO SCALE



8 ROTOR POP-UP NOT TO SCALE



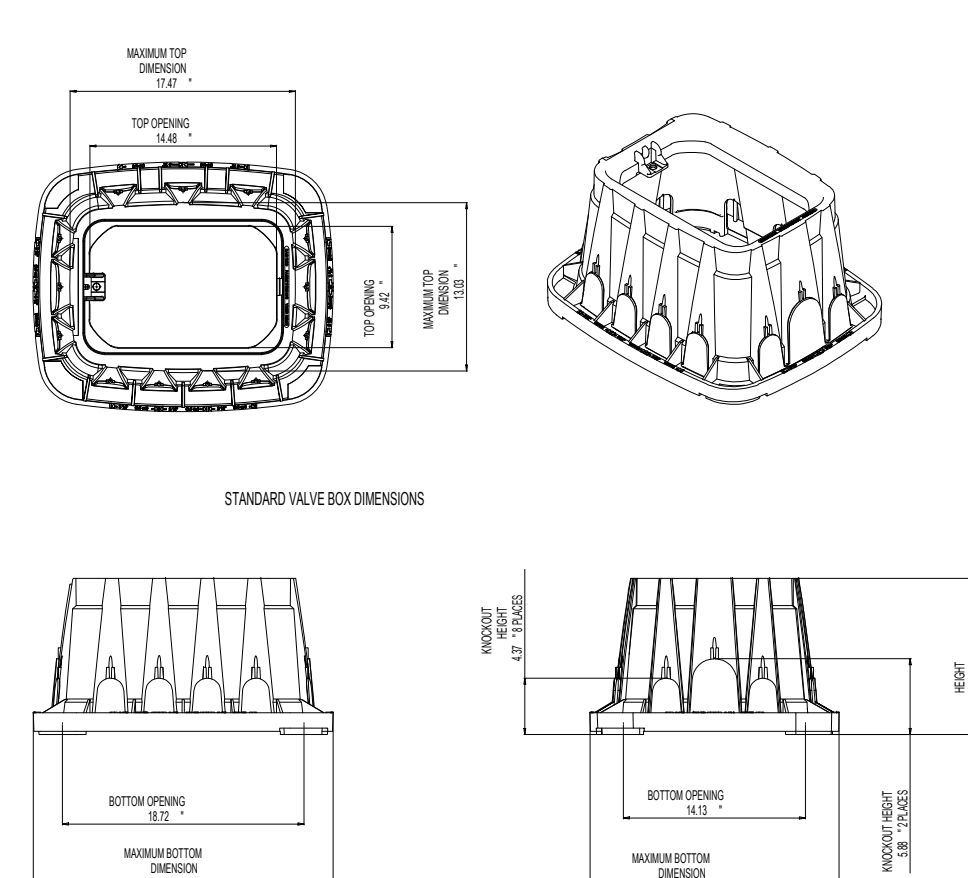
9 LAWN POP-UP HEAD NOT TO SCALE



- NOTES:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
3. AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.
4. BURY DRIP LINE MIN. 1" BELOW SOIL LEVEL, THAN ADD 2" MULCH.
5. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLARVS BE INSTALLED ON EACH FITTING.

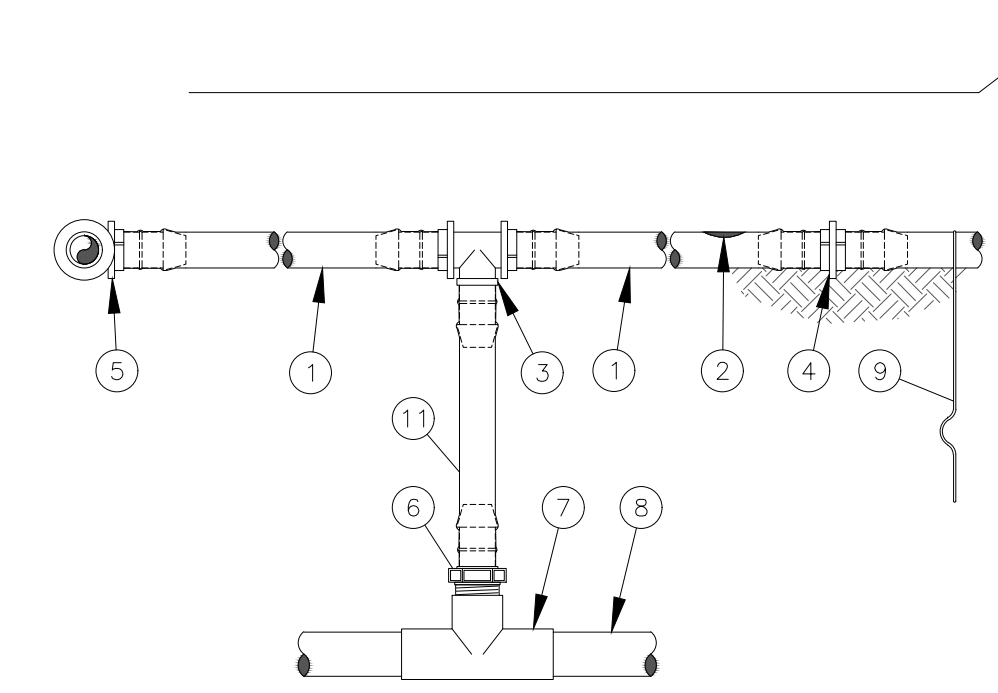
Inlet Pressure psi	XFS Dripline Maximum Lateral Lengths (Feet)		
	12" Spacing	18" Spacing	24" Spacing
0.6	194	273	343
1.0	154	213	273
1.5	114	153	193
2.0	84	113	143
3.0	54	73	93
4.0	44	63	83
5.0	34	53	73

4 XFS SUB-SURFACE DRIPLINE END FEED LAYOUT INST. N.T.S.



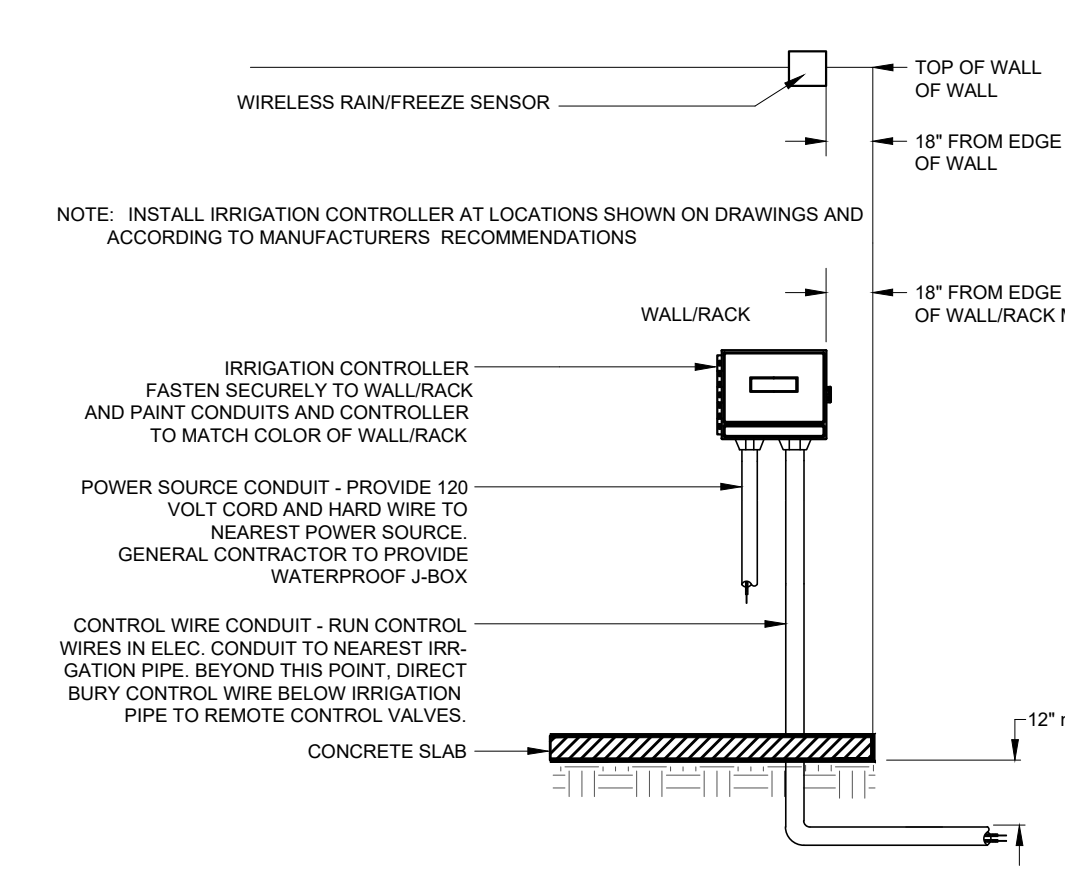
ALL VALVE BOXES SHALL BE RAINBIRD VB-STD OR APPROVED EQUAL
ALL VALVE BOXES SHALL HAVE FILTER FABRIC AND 4" OF GRAVEL AT BASE

5 VALVE BOX (VB-STD) NOT TO SCALE



- NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.
3. SAVE YOUR HANDS. USE THE RAIN BIRD FITTINGS-TOOL XF INSERTION TOOL FOR FITTING ASSEMBLY.

6 IRRIGATION SYSTEMS SUB-HEADER INST. N.T.S.



10 WALL/RACK MOUNTED CONTROLLER NOT TO SCALE

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SOUTH PADRE ISLAND,
TEXAS

P: 956-761-3044
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MARK DATE DESCRIPTION

PROJECT NO. 1065-16

DATE 12-10-2021

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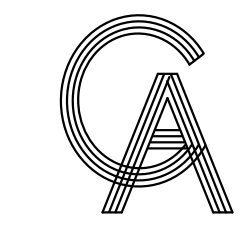
SCALE AS SHOWN

SHEET TITLE

IRRIGATION
DETAILS

SHEET NO.

L1.04



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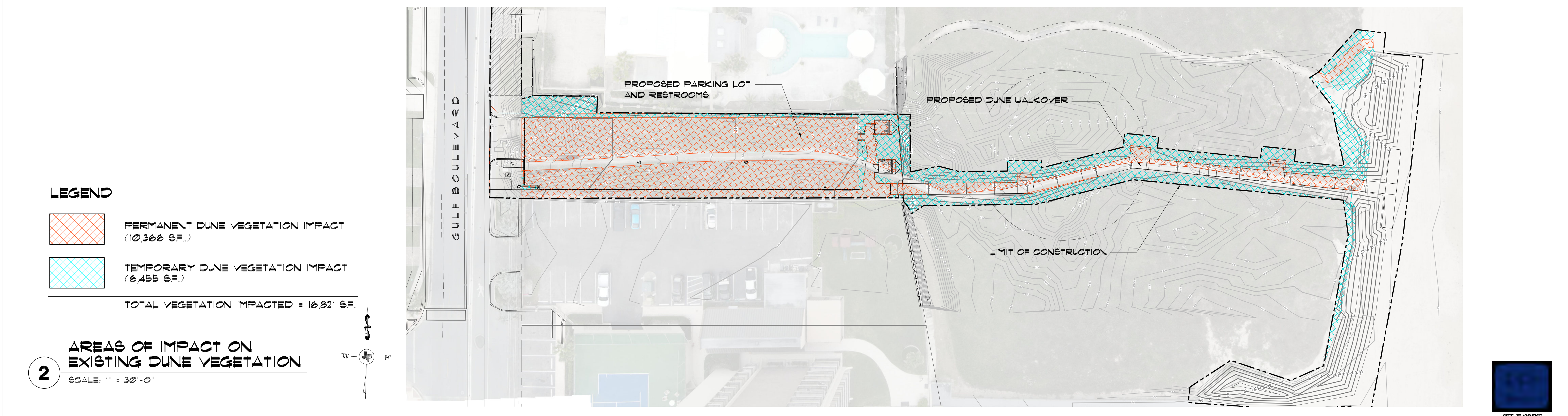
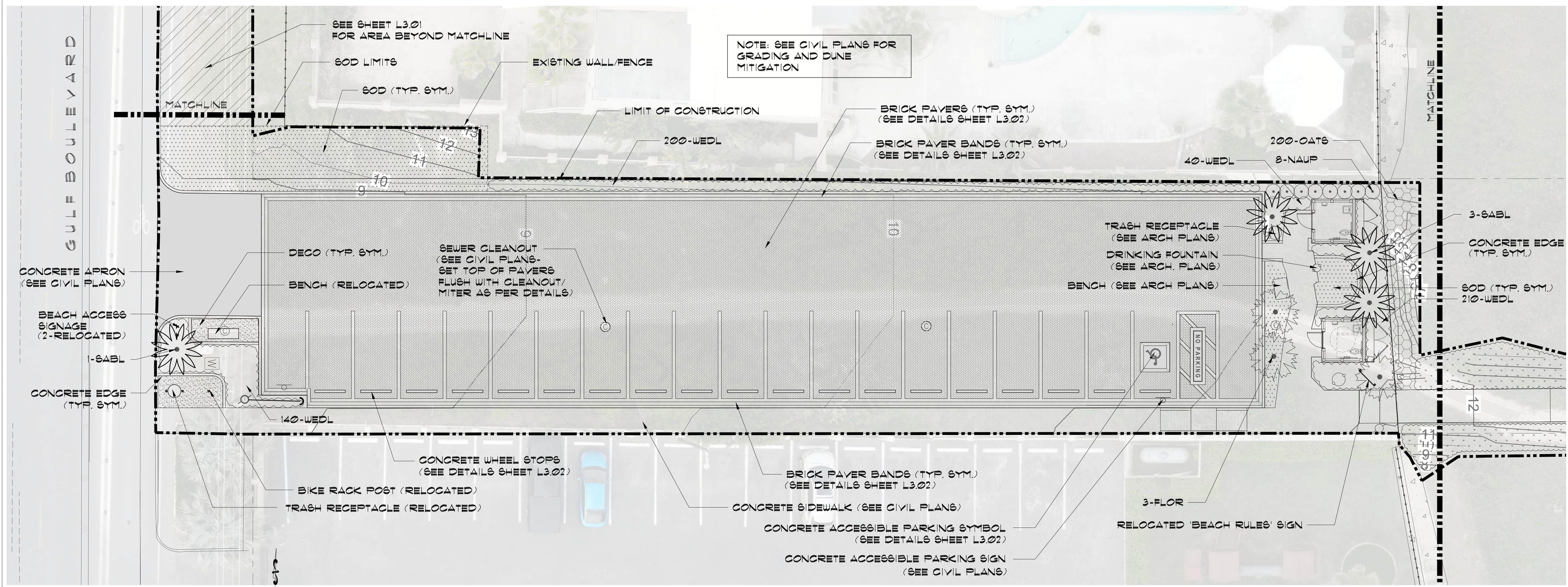
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PROJECT NO.	1065-16
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SCALE	AS NOTED

SHEET TITLE
**LANDSCAPE AND
 DUNE VEGETATION
 PLAN**

SHEET NO.

L2.01

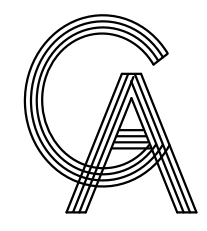


NOTE:
 THIS PROJECT INCLUDES 16,821 SF. OF DUNE RESTORATION PLANTING (SEE AREAS OF IMPACT SHEET L2.01) UTILIZING NATIVE DUNE SPECIES THAT MUST BE PRE ORDERED AND CONTRACT GROWN. DUNE RESTORATION PLANTING REQUIRES DUNE RESTORATION SPECIALIST TO MEET STATE GUIDELINES AND APPROVALS. SUBMIT NAME/NUMBER OF DUNE SPECIALIST SUB CONTRACTOR TO SSP FOR APPROVAL
 CONTACT : STEVE MERCER - COASTAL TRANSPLANTS (910) 431-9914 OR APPROVED EQUAL

NOTE:
 REFER TO CIVIL PLANS/SPECS FOR SAND DUNE GRADING AND MITIGATION.
 CONTRACTOR TO INSTALL TEMPORARY IRRIGATION AND WATER/LEACH DUNES DAILY AT LEAST 14 DAYS PRIOR TO PLANTING.



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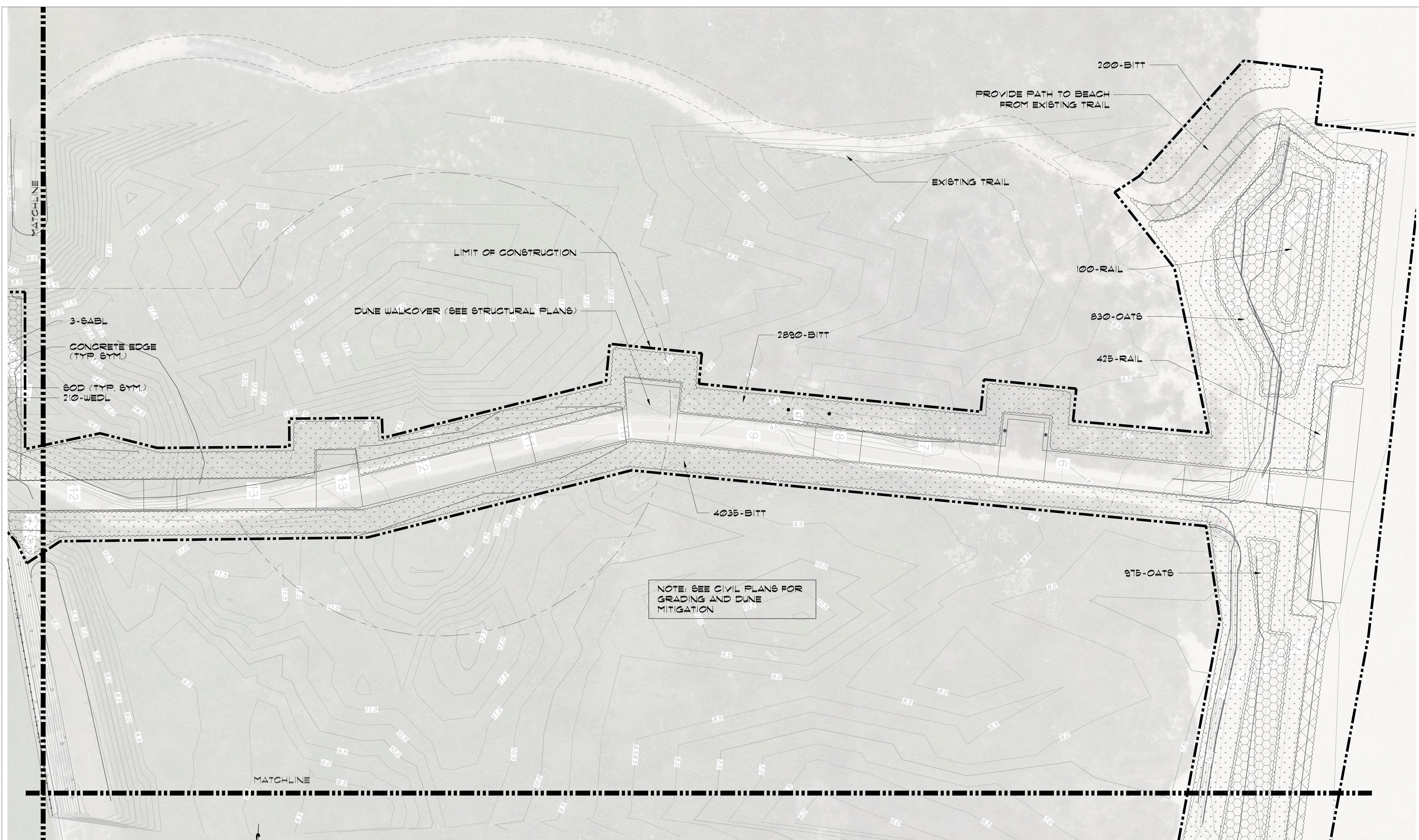
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SHEET TITLE

**LANDSCAPE AND
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 PLAN**

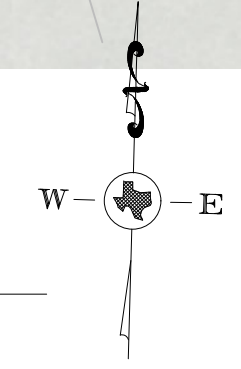
SHEET NO.

L2.02



NOTE: SEE CIVIL PLANS FOR
 GRADING AND DUNE
 MITIGATION

1 LANDSCAPE PLAN
 SCALE: 1/16" = 1'-0"

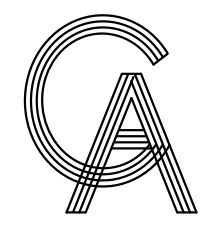


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**SOUTH PADRE ISLAND,
 TEXAS**

CLIENT

**CITY OF
 SOUTH PADRE ISLAND**



**SOUTH PADRE ISLAND,
 TEXAS**

P: 956-761-3044
 F: 956-761-3898



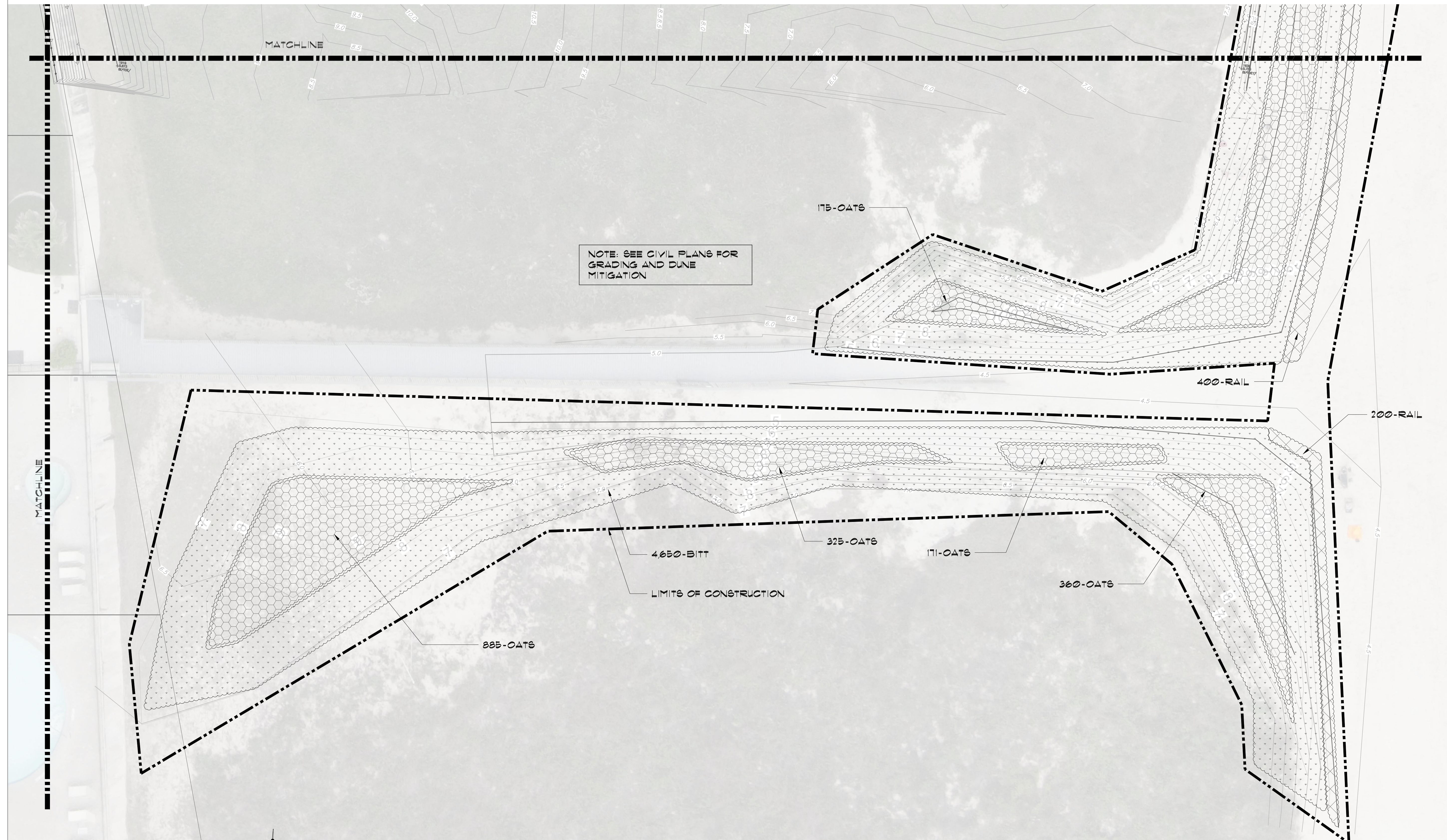
MARK	DATE	DESCRIPTION

PROJECT NO.	1065-16
DATE	12-10-2021
DRAWN BY	PLM
CHECKED BY	SSP
SCALE	AS NOTED
SHEET TITLE	

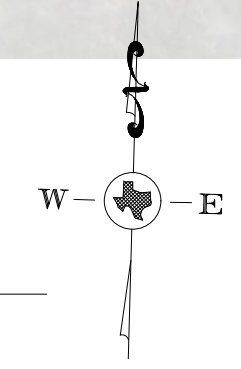
**LANDSCAPE AND
 DUNE VEGETATION
 PLAN**

SHEET NO.

L2.03



1 LANDSCAPE PLAN
 SCALE: 1/16" = 1'-0"



NOTE:
 THIS PROJECT INCLUDES 16,821 SF. OF DUNE RESTORATION PLANTING (SEE AREAS OF IMPACT SHEET L2.01) UTILIZING NATIVE DUNE SPECIES THAT MUST BE PRE ORDERED AND CONTRACT GROWN. DUNE RESTORATION PLANTING REQUIRES DUNE RESTORATION SPECIALIST TO MEET STATE GUIDELINES AND APPROVALS. SUBMIT NAME/NUMBER OF DUNE SPECIALIST SUB CONTRACTOR TO SSP FOR APPROVAL. CONTACT : STEVE MERCER - COASTAL TRANSPLANTS (910) 431-9814 OR APPROVED EQUAL

NOTE:
 REFER TO CIVIL PLANS/SPECS FOR SAND DUNE GRADING AND MITIGATION. CONTRACTOR TO INSTALL TEMPORARY IRRIGATION AND WATER/LEACH DUNES DAILY AT LEAST 14 DAYS PRIOR TO PLANTING.



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PLANT SCHEDULE (SITE)

CODE	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	SPACING	QTY
	PALMS					
FLOR	SABAL PALMETTO	FLORIDA SABAL PALM	B/B	10'-12" TRUNK	A.S.	3
SABL	SABAL TEXANA	TEXAS SABAL PALM	B/B	10'-12" TRUNK	A.S.	4
	SHRUBS					
NAUP	SCAEVOLA FRUTESCENS	NAUPAKA	3 GAL	18"HT-BUSHY	A.S.	8
GREE	FIGUS MICROCARPA	GREEN ISLAND FIGUS	3 GAL	12"HT-BUSHY	24" O.C.	60
	GROUND COVERING					
WEDL	WEDDIA TRILOBATA	WEDDIA	4" POTS		12" O.C.	500
	GRASS					
SOD	STENOTAPHRUM SECUNDATUM	#1 CERTIFIED FLORATAM ST. AUGUSTINE SOD				110 S.Y.

PLANT SCHEDULE (DUNE RESTORATION)

CODE	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	SPACING	QTY
	DUNE PLANTS					
BITT	PANICUM AMARUM	BITTER PANICUM	2"	TRAYS/CUTTINGS	1 PER S.F.	11,715
OATS	UNIOILA PANICULATA	SEA OATS	2"	TRAYS/CUTTINGS	1 PER S.F.	3,921
RAIL	IPOMOEA PES-CAPRAE	RAILROAD VINE	2"	TRAYS/CUTTINGS	1 PER S.F.	1,125

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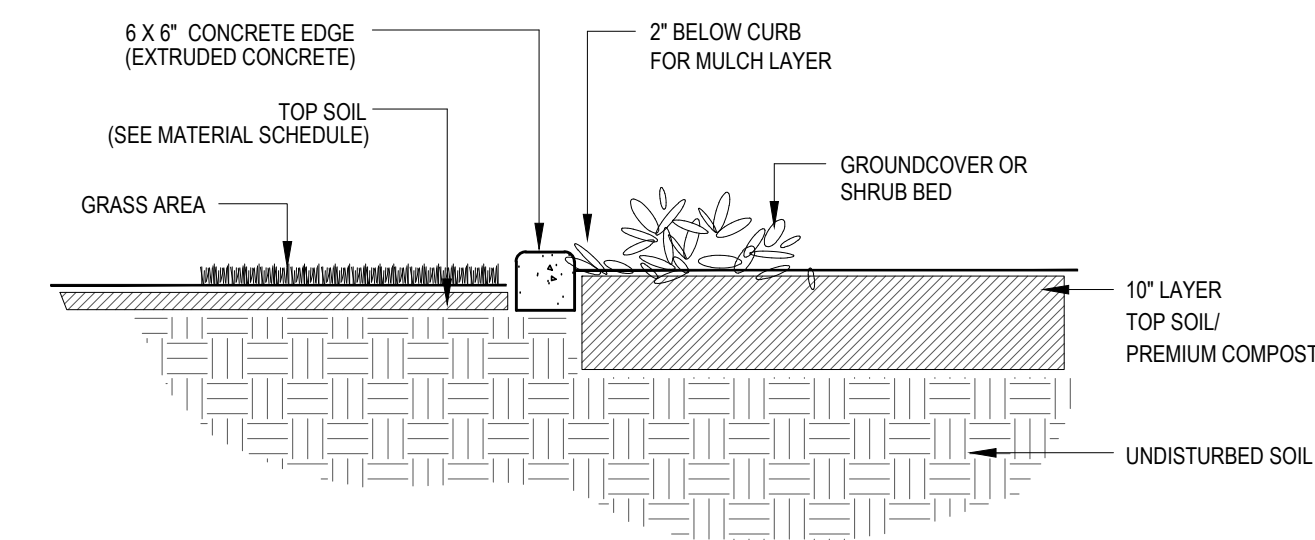
MATERIAL SCHEDULE

DESCRIPTION	NOTES	QUANTITY
REMOVAL AND RELOCATION	REMOVAL AND RELOCATION OF EXISTING SIGNAGE, BENCH AND TRASH RECEPTACLE AS PER PLANS	-
REPAIRS (DISTURBED AREAS BY UTILITIES)	REPAIR/REPLACE EXISTING IRRIGATION/SOD DISTURBED BY PROPOSED UTILITIES AS SHOWN IN DETAIL B (SHEET L3.01)	-
PREMIUM COMPOST	2" LAYER PREMIUM COMPOST (EARTHWISE ORGANICS MIX) (NOT FOR DUNE AREA)	16 C.Y.
SCREENED TOP SOIL	8" FOR ALL PLANTING BEDS (NOT FOR DUNE AREA)	60 C.Y.
MULCH (HARDWOOD)	2" MIN. FOR ALL PLANTING BEDS AND WATERING BASINS (TEXAS NATIVES HARDWOOD)	220 BAGS (2 CR.)
HERBICIDE	ALL PLANTING BED AREAS AS SPECIFIED	2,416 S.F.
FERTILIZER	ALL PLANT MATERIAL PER DETAILS	2,416 S.F.
PLANTING TABLETS	PER DETAILS / AS SPECIFIED	-
PRE-EMERGENT	ALL PLANTING BED AREAS AS SPECIFIED	2,416 S.F.
GUYING / STAKING	ALL TREES/PALMS PER DETAILS	1
DECO	4" COMPACTED DECOMPOSED GRANITE FINES 1/4" MINUS PER PLANS/DETAILS	140 S.F.
CONCRETE EDGE	6 x 6" EXTRUDED COLORED TEXAS BUFF CONCRETE EDGING PER PLANS/DETAILS	10 L.F.
IRRIGATION SYSTEM	COMPLETE AUTOMATIC IRRIGATION SYSTEM BY LICENSED CONTR. PER PLAN/SPECS	-

NOTE: CONTRACTORS MUST REVIEW TECHNICAL SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION AND PROJECT REQUIREMENTS.

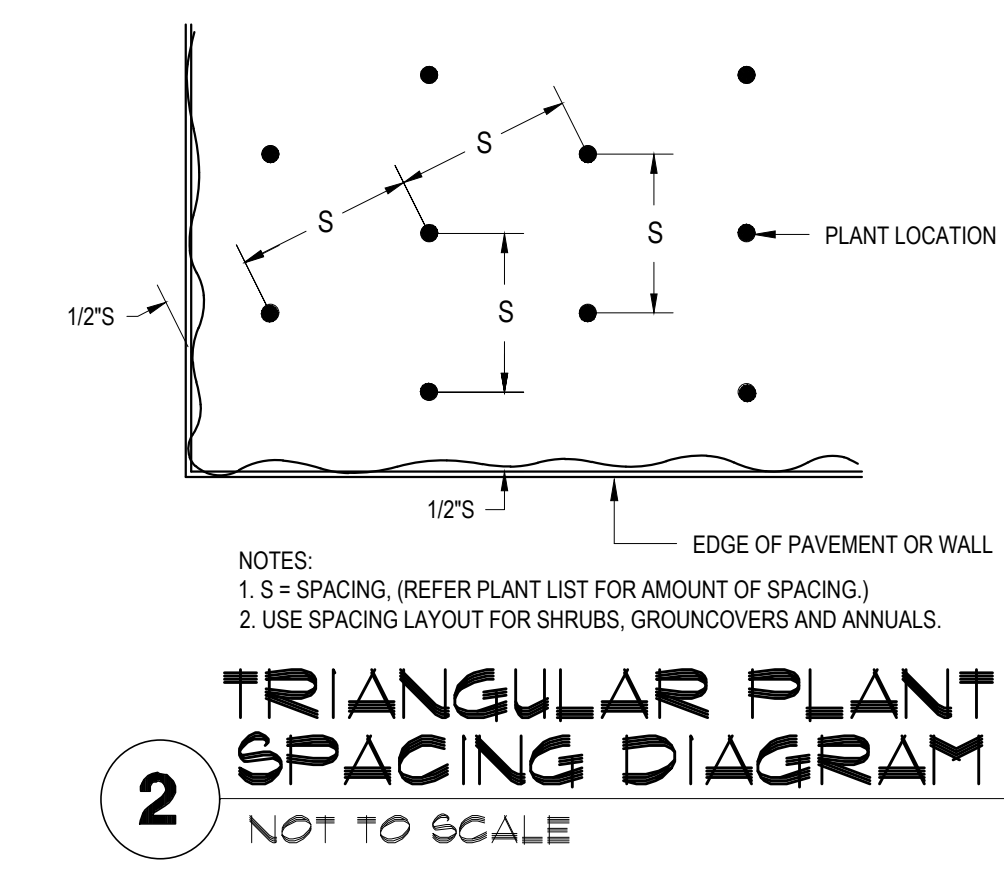
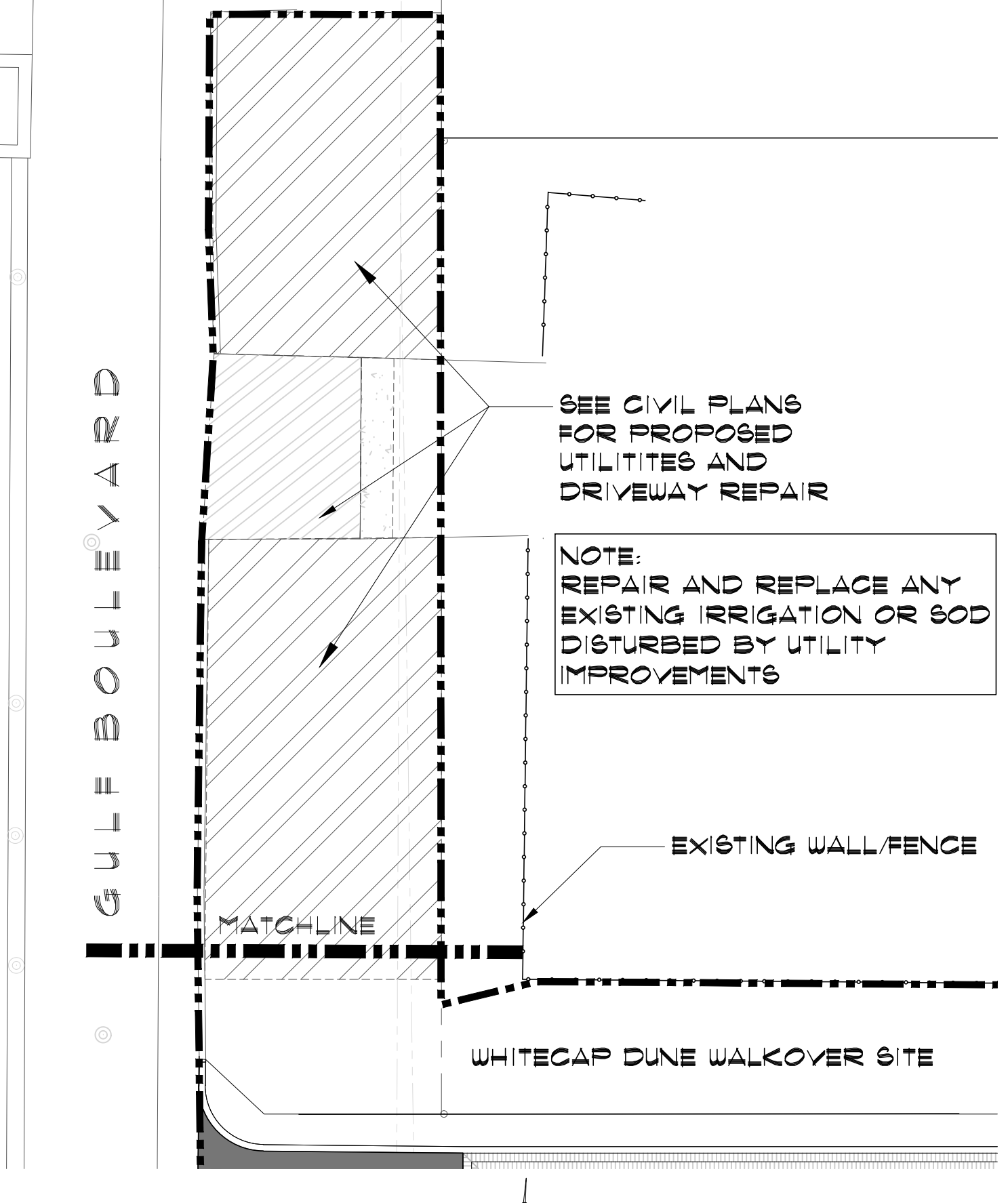
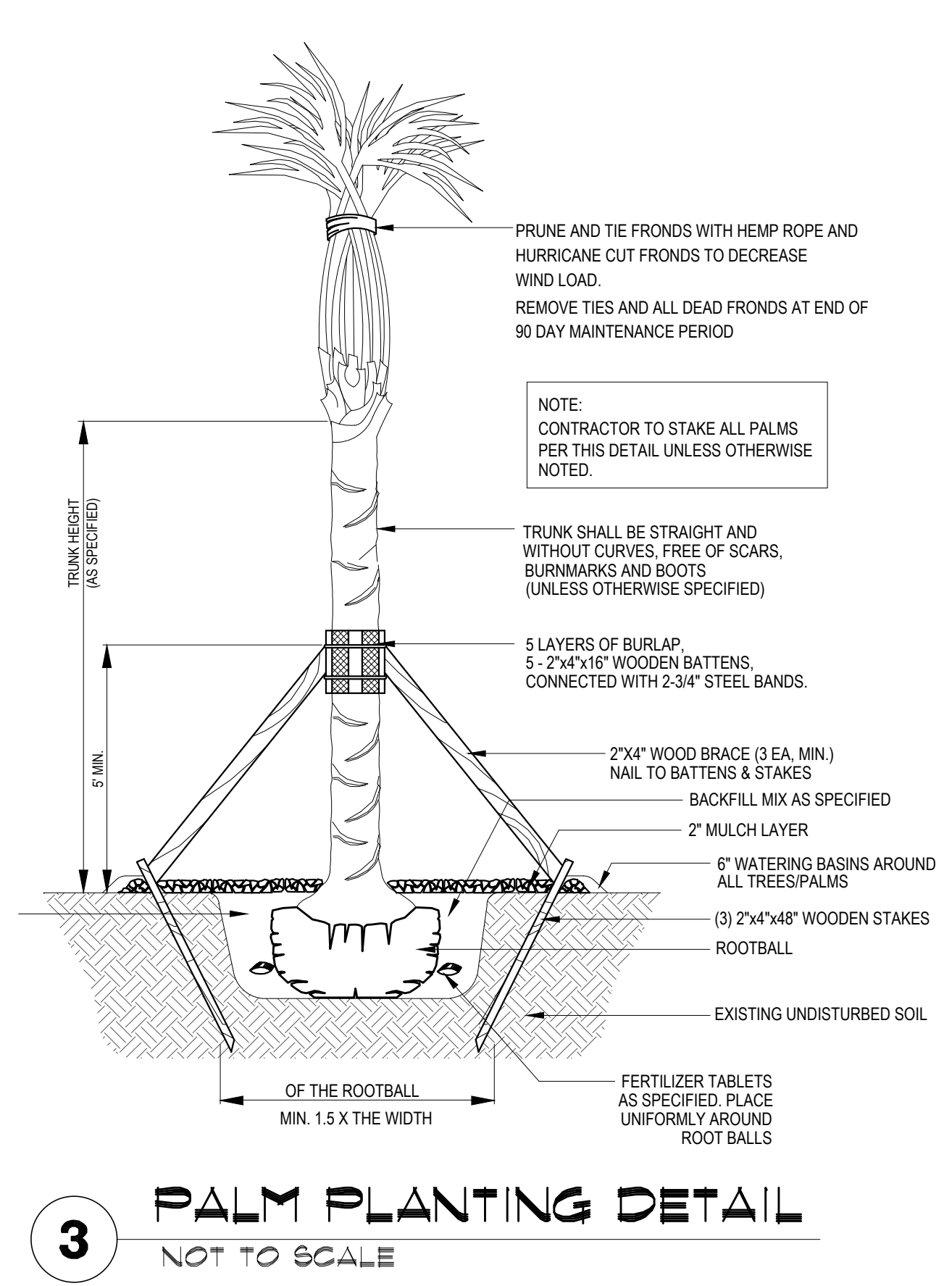
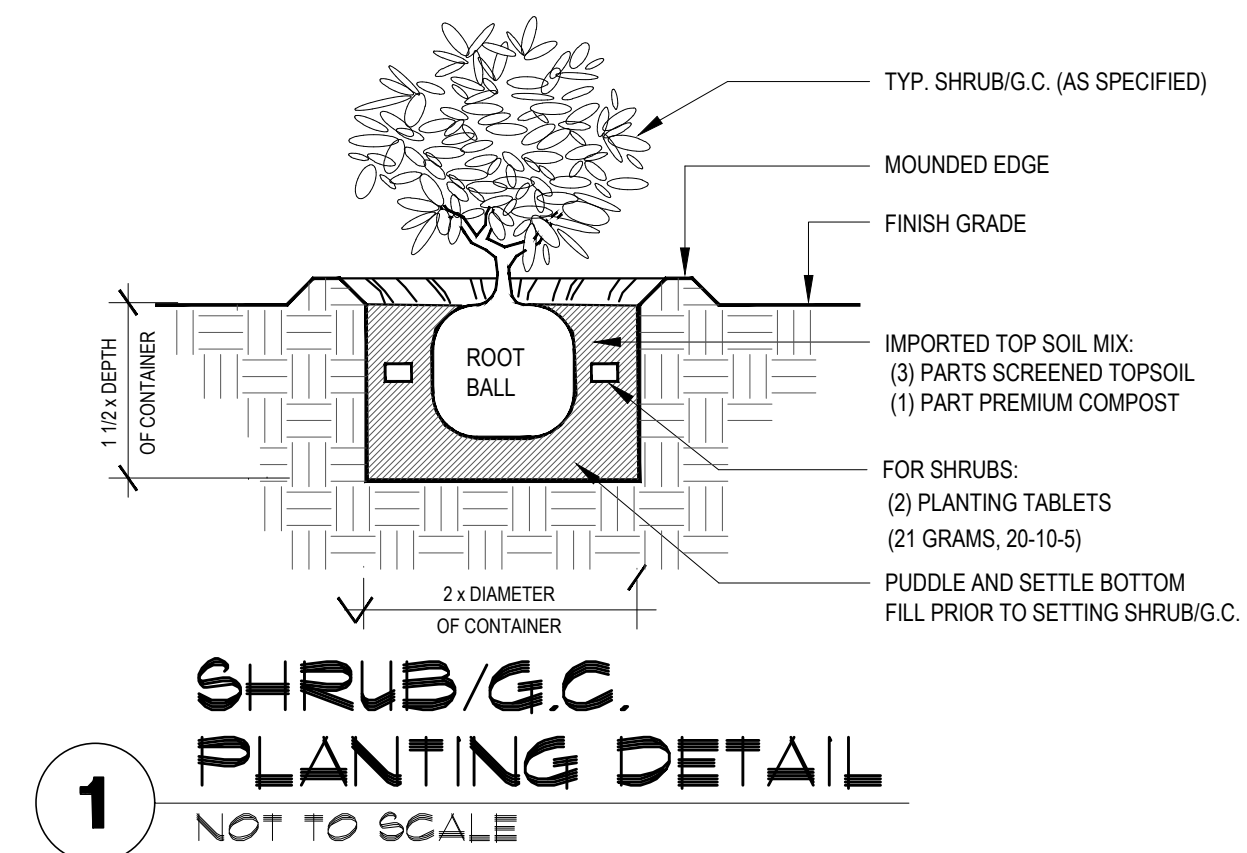
LANDSCAPE CONSTRUCTION NOTES

- WORK UNDER THIS CONTRACT INCLUDES SITE REVIEW AND COORDINATION WITH EXISTING CONDITIONS, SITE CLEANUP, EXCAVATION, BED PREP, TILLING, DUNE RESTORATION, PLANTING, STAKING, IRRIGATION, MAINTENANCE AND GUARANTEE.
- LANDSCAPE CONTRACTOR SHALL FIELD VERIFY ALL QUANTITIES AND DIMENSIONS PRIOR TO BIDDING. QUANTITIES SHOWN IN SCHEDULE ARE FOR CONVENIENCE ONLY.
- NOTIFY SSP DESIGN PRIOR TO BID OF ANY DISCREPANCIES IN DRAWINGS/DETAILS OR INSUFFICIENT QUANTITIES DUE TO DIFFERENCES IN PLAN AND ACTUAL FIELD CONDITIONS.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES. SPOTTING OF ALL UTILITIES IS REQUIRED.
- NOTIFY AND MEET WITH SSP DESIGN PRIOR TO ANY CONSTRUCTION FOR VERIFICATION/INTERPRETATION OF PLANS.
- LANDSCAPE CONTRACTOR SHALL VERIFY ALL PROPERTY BOUNDARIES AND LIMITS OF WORK WITH GENERAL CONTRACTOR/CIVIL ENGINEER. DO NOT BEGIN LANDSCAPE CONSTRUCTION UNTIL ALL BOUNDARIES, EASEMENTS AND RIGHTS-OF-WAY HAVE BEEN VERIFIED IN THE FIELD.
- LANDSCAPE CONTRACTOR SHALL STAKE OUT ALL BEDS, TREES, PALM LOCATIONS PRIOR TO INSTALLATION FOR APPROVAL BY SSP DESIGN.
- LANDSCAPE CONTRACTOR TO COORDINATE WITH SSP DESIGN TO ENSURE PROPER PLACEMENT OF PLANT MATERIAL AND IRRIGATION EQUIPMENT.
- LANDSCAPE CONTRACTOR TO INSTALL EDGING AS SHOWN ON PLANS/DETAILS.
- NOTIFY SSP DESIGN PRIOR TO PLANTING OPERATIONS FOR APPROVAL OF ALL PLANT MATERIAL ON SITE. ANY PLANT MATERIAL NOT APPROVED BY SSP DESIGN WILL BE SUBJECT TO REJECTION.
- IRRIGATION CONTRACTOR SHALL SUPPLY AND INSTALL COMPLETE AUTOMATIC IRRIGATION SYSTEM INCLUDING WATER METER, BACKFLOW DEVICE, CONTROLLER, MAINLINE, SLEEVES, LATERALS, AND POP-UP HEADS, TO COVER ALL LANDSCAPE AREAS PER PLANS/DETAILS. IRRIGATION SYSTEM SHALL BE INSTALLED BY A TEXAS LICENSED IRRIGATOR ONLY.
- LANDSCAPE CONTRACTOR SHALL REMOVE ALL EXISTING GRASS/WEEDS BY HERBICIDING PRIOR TO BED PREP AND SOIL REPLACEMENT.
- LANDSCAPE CONTRACTOR SHALL REMOVE 12" OF EXISTG SOIL WITHIN ALL BED AREAS AND REPLACE WITH IMPORTED TOP SOIL/PREMIUM COMPOST MIX.
- LANDSCAPE CONTRACTOR SHALL CONSTRUCT 6"x36" WATERING BASINS AROUND ALL TREES/PALMS WITH A MIN. 2" LAYER OF MULCH.
- LANDSCAPE CONTRACTOR SHALL LOOSEN / GRADE ALL BED AREAS PRIOR TO PLANTING TO ENSURE PROPER DRAINAGE AND UNIFORM SURFACE.
- LANDSCAPE CONTRACTOR SHALL REMOVE ALL EXISTING GRASS AND WEEDS BY HERBICIDING, DISKING, FLOATING AND LIGHT GRADING OF ENTIRE PROJECT AREA PRIOR TO PLANTING.
- LANDSCAPE CONTRACTOR SHALL ESTABLISH AND MAINTAIN ALL PLANT MATERIAL FOR 90 DAYS AFTER SUBSTANTIAL COMPLETION AND SHALL GUARANTEE ALL TREES/PALMS FOR A PERIOD OF ONE YEAR.
- IRRIGATION CONTRACTOR SHALL GUARANTEE ALL SYSTEM COMPONENTS FOR A PERIOD OF ONE YEAR.
- SEE SPECIFICATIONS FOR FURTHER INSTRUCTIONS/REQUIREMENTS.



- NOTES:**
- CONCRETE CURBING TO HAVE 1 1/2" DEEP CONTRACTION JOINTS @ 5'-0" SPACING.
 - CONCRETE CURBING TO HAVE TAPERED DRAINAGE POINTS AT 10' O.C.
 - 2500-3000 PSI COMPRESSIVE STRENGTH, 480 PSI FLEXURAL STRENGTH.
 - USE HALF-INCH POLYPROPYLENE FIBER REINFORCEMENT.
 - EQUAL TO CONTOUR CURBS' EDGING (956-867-8350), CONTOURCURBS.NET

4 CONCRETE EDGE DETAIL
NOT TO SCALE



GREEN, RUBIANO & ASSOCIATES
CONSULTING STRUCTURAL ENGINEERS
1220 WEST HARRISON
HARLINGEN, TEXAS 78550
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FIRM REGISTRATION #F-4145

SEAL

PROJECT
WALKOVER AT WHITECAP CIRCLE
SOUTH PADRE ISLAND, TEXAS

CLIENT
CITY OF SOUTH PADRE ISLAND
SOUTH PADRE ISLAND, TEXAS
P: 956-761-3044
F: 956-761-3898



MARK	DATE	DESCRIPTION

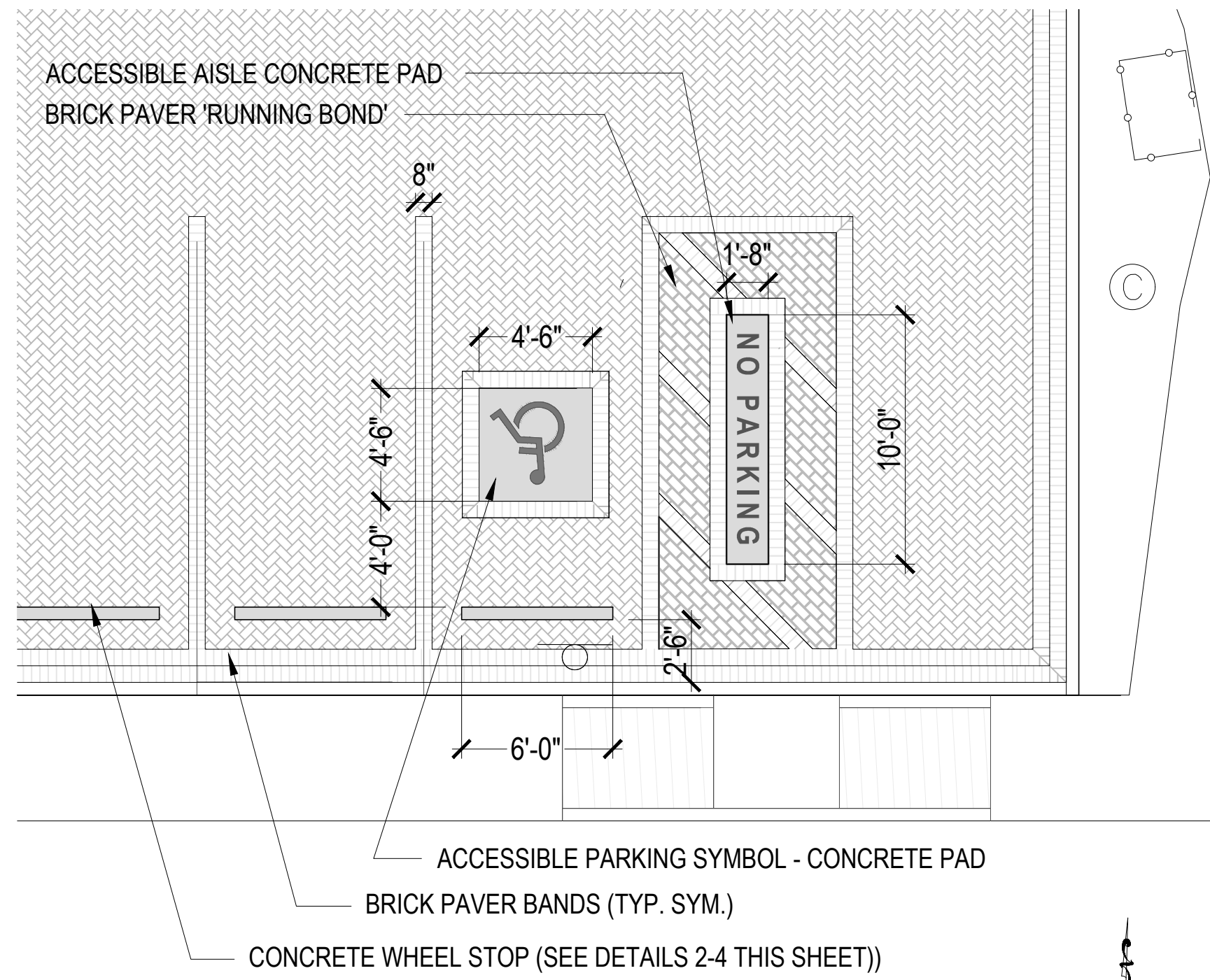
PROJECT NO. 1065-16
DATE 12-10-2021
DRAWN BY PLM
CHECKED BY SSP
SCALE AS SHOWN
SHEET TITLE

LANDSCAPE SCHEDULES AND DETAILS

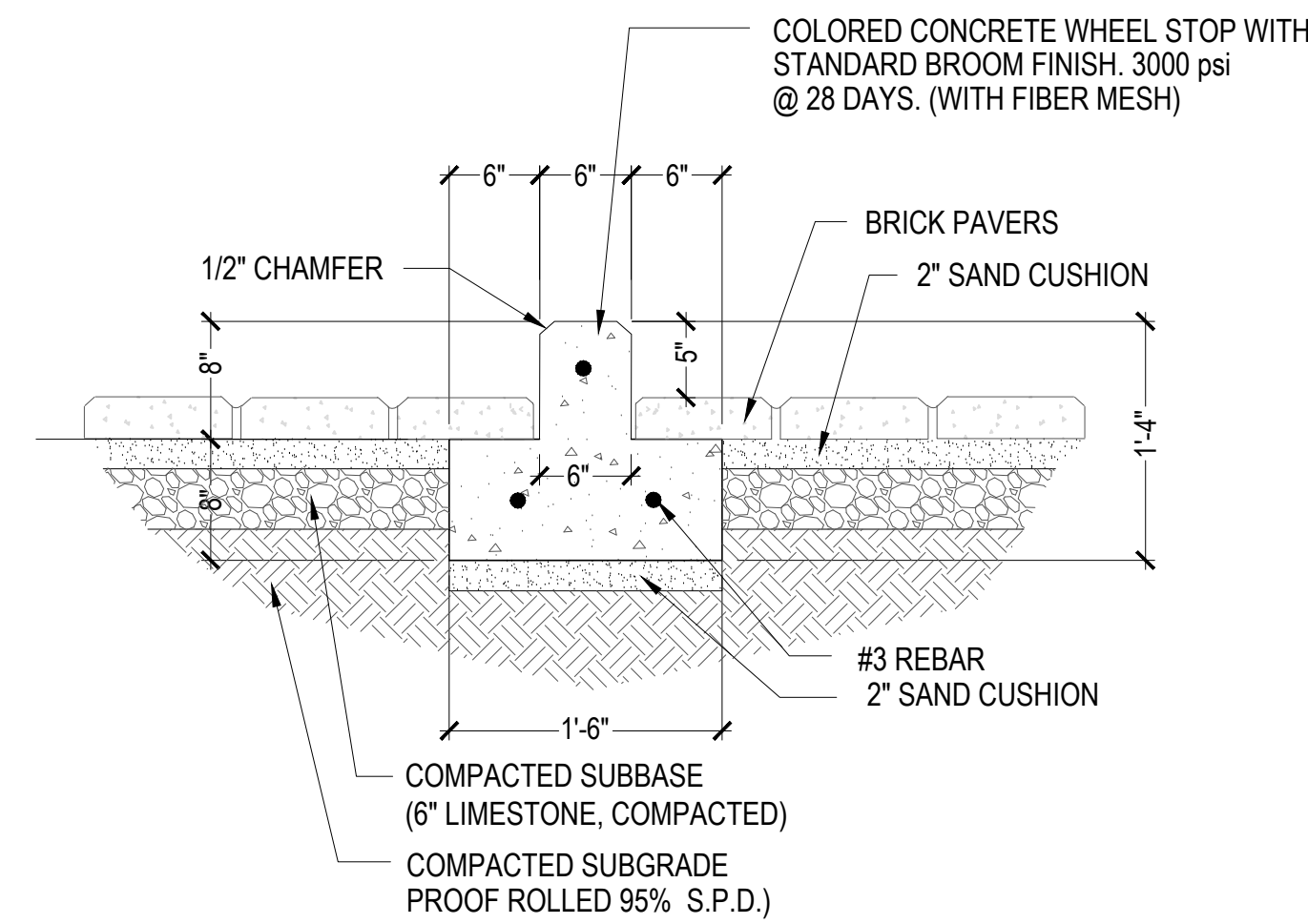
SHEET NO. **L3.01**

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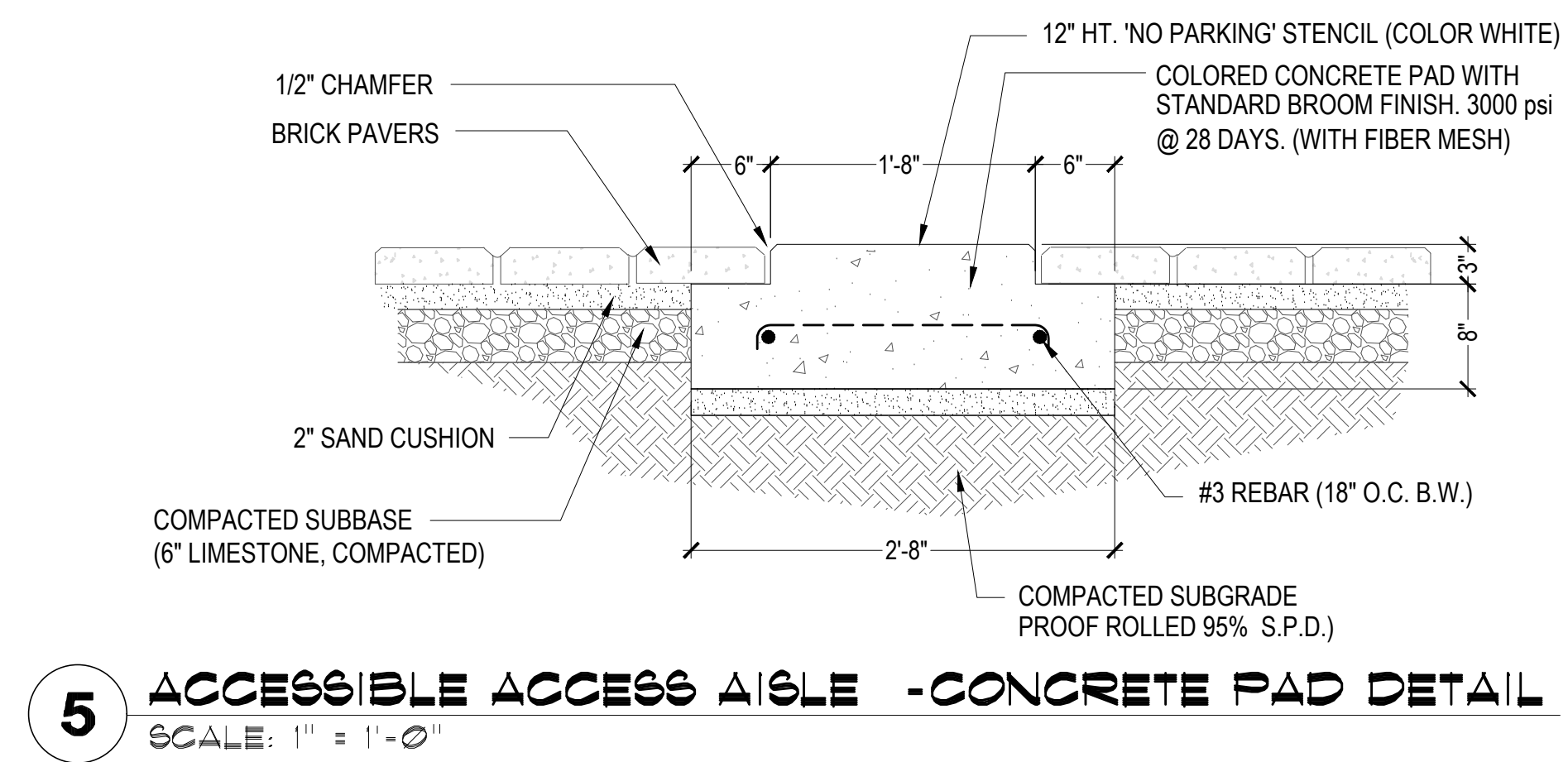
SITE PLANNING LANDSCAPE DESIGN
789 E. WASHINGTON ST.
BROWNSVILLE, TX 77805
TEL: (956) 547-9788
FAX: (956) 547-9977
www.sspdesign.com



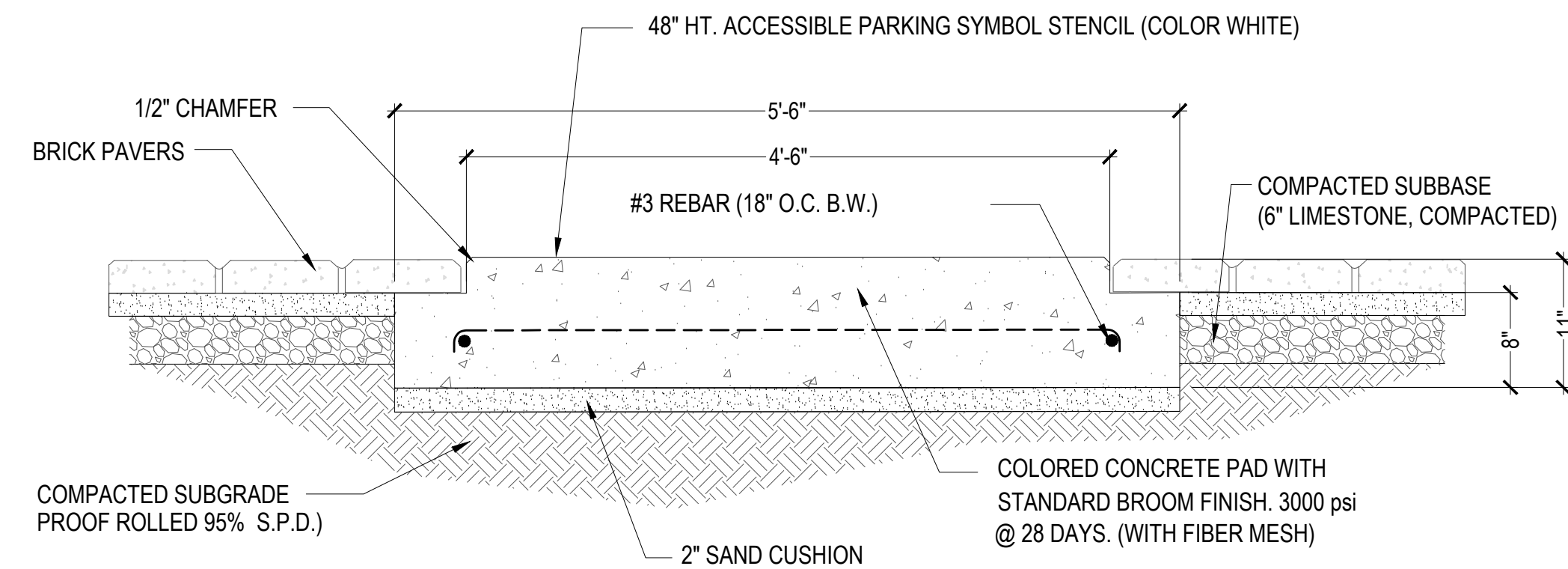
1 ACCESSIBLE PARKING - LAYOUT PLAN
SCALE: 3/16" = 1'-0"



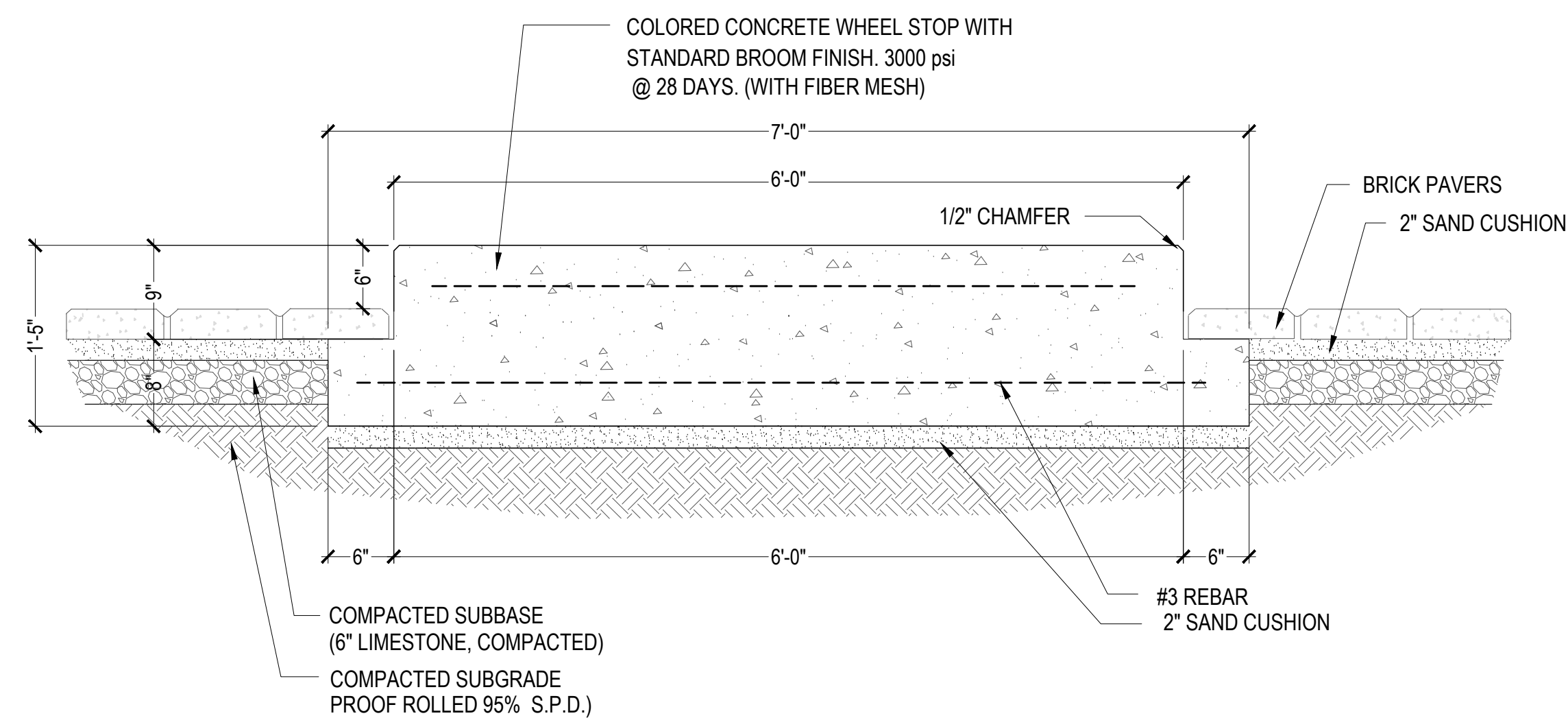
2 CONCRETE WHEEL STOP - SECTION 'SIDE'
SCALE: 1" = 1'-0"



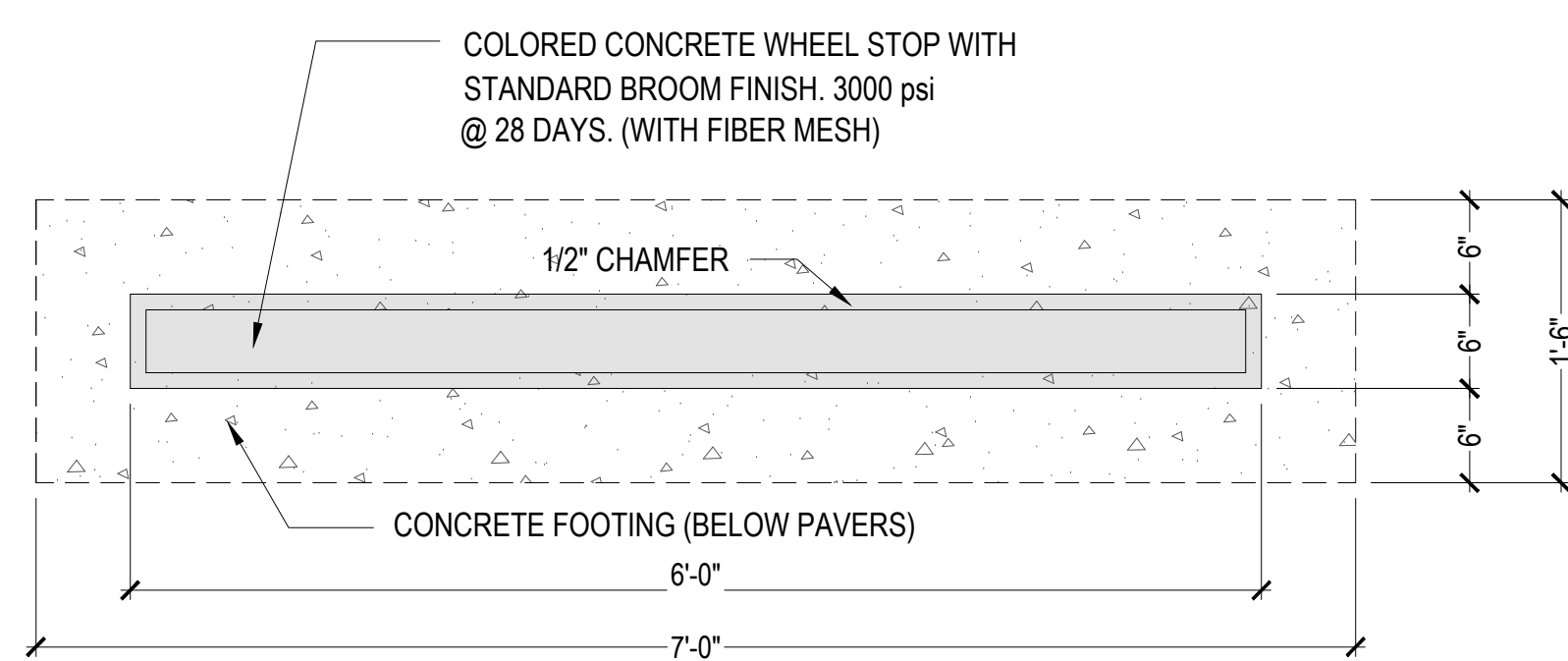
5 ACCESSIBLE ACCESS AISLE - CONCRETE PAD DETAIL
SCALE: 1" = 1'-0"



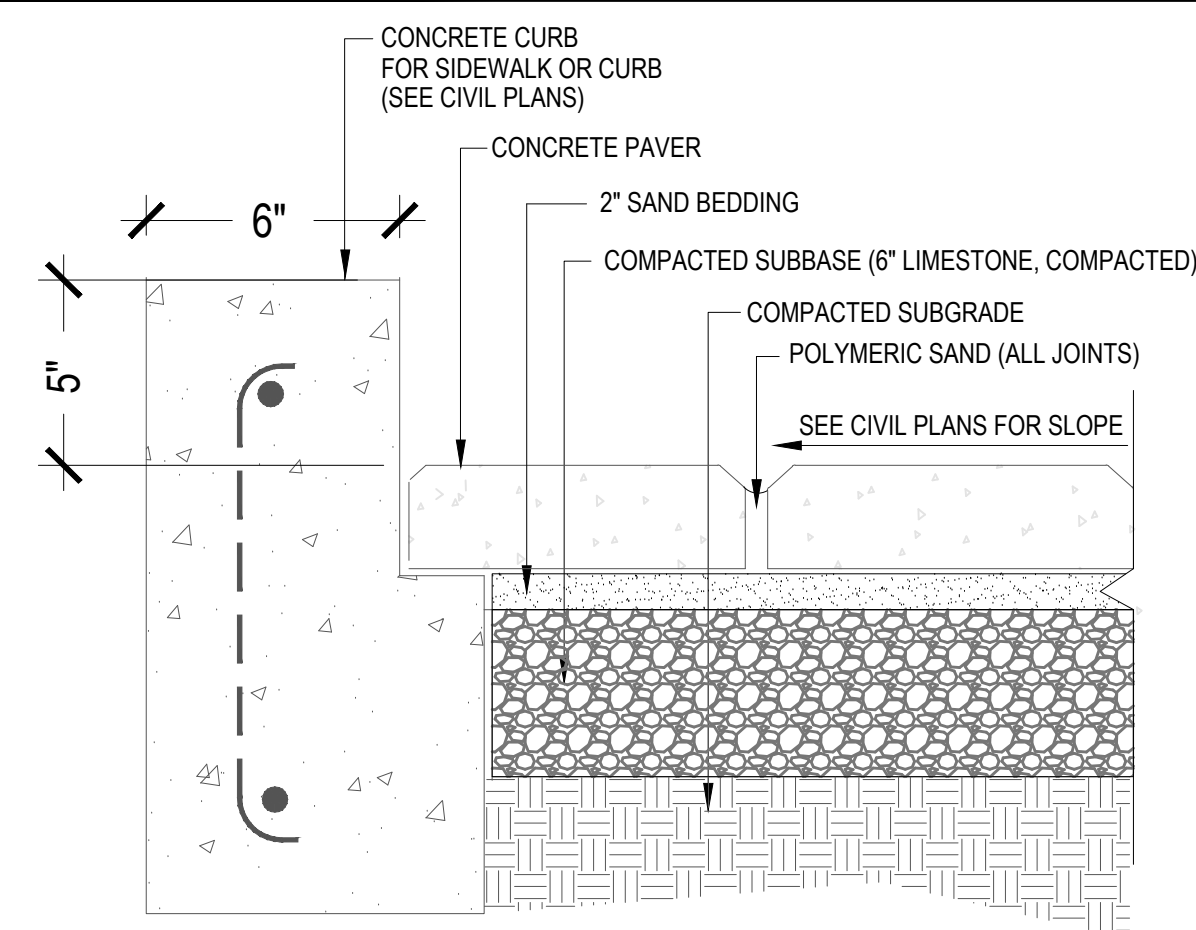
6 ACCESSIBLE PARKING SYMBOL - CONCRETE PAD DETAIL
SCALE: 1" = 1'-0"



3 CONCRETE CURB STOP - SECTION 'FRONT'
SCALE: 1" = 1'-0"



4 CONCRETE CURB STOP - PLAN
SCALE: 1" = 1'-0"



7 PAVING INSTALLATION DETAIL
NOT TO SCALE

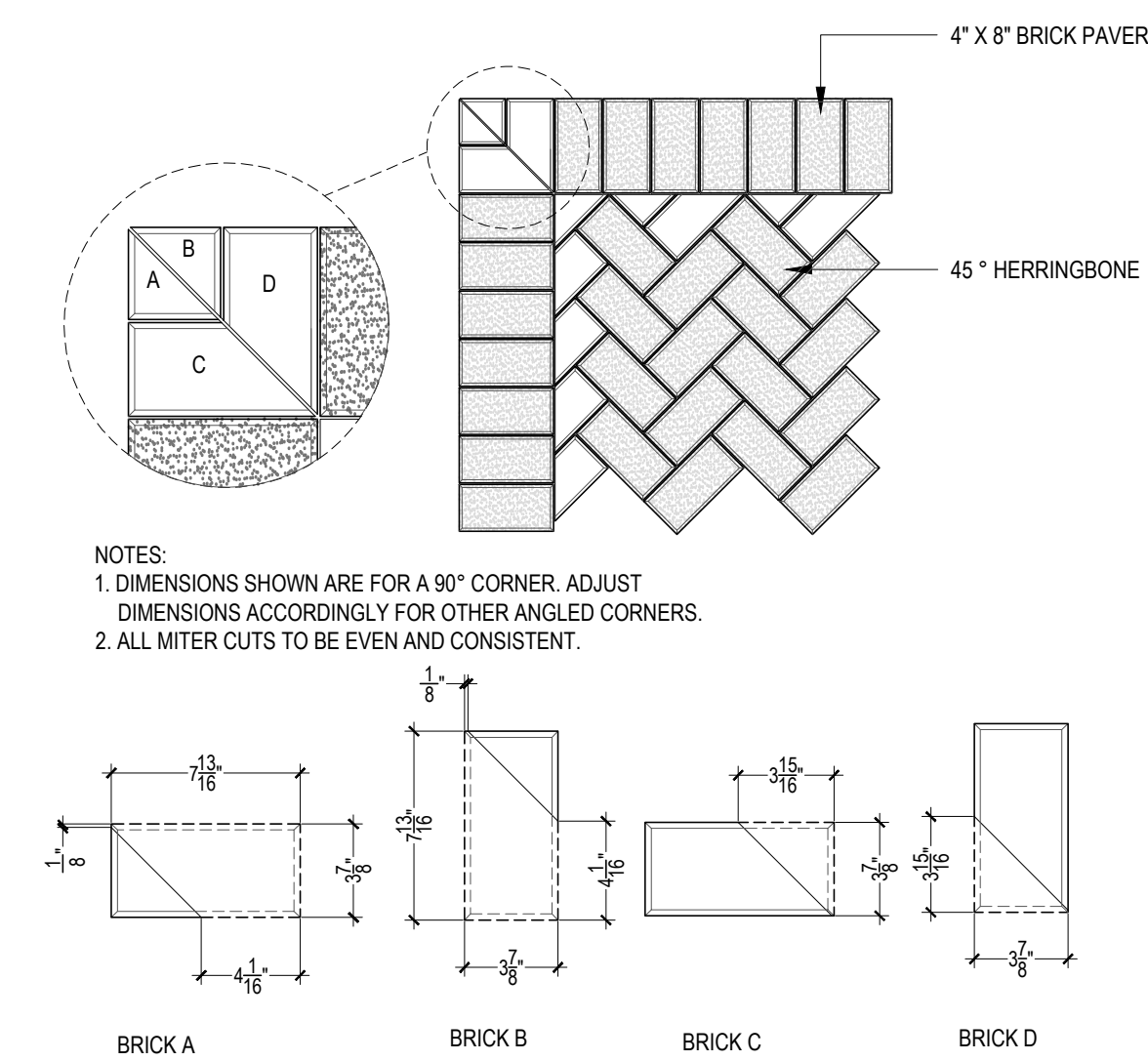
GENERAL SPECIFICATIONS:

INSTALLATION

- EXCAVATE UNSUITABLE, UNSTABLE OR UNCONSOLIDATED SUBGRADE MATERIAL AND COMPACT THE AREA WHICH HAS BEEN CLEARED, THEN BACKFILL AND LEVEL WITH DENSE GRADED AGGREGATE SUITABLE FOR SUBBASE MATERIAL (6" OF COMPACTED LIMESTONE)
- PLACE BEDDING COURSE OF WASHED CONCRETE SAND CONFORMING TO THE GRADING REQUIREMENTS OF ASTM C33 TO A UNIFORM DEPTH OF 1" TO 1 1/2" (25-38MM) SCREEDED TO THE GRADE AND PROFILE REQUIRED.
- INSTALL PAVERS WITH JOINTS APPROXIMATELY 1/8" (3MM). (PAVERS WITH SPACER RIBS AUTOMATICALLY PROVIDE MINIMUM JOINT WIDTH.)
- WHERE REQUIRED, CUT PAVERS WITH AN APPROVED CUTTER TO FIT ACCURATELY, NEATLY AND WITHOUT DAMAGED EDGES.
- TAMP PAVERS WITH A PLATE COMPACTOR, UNFORMLY LEVEL, TRUE TO GRADE AND FREE OF MOVEMENT.
- FILL JOINTS WITH POLYMERIC SAND BINDER (SANDLOCK OR APPROVED EQUAL.)

NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DO NOT SCALE DRAWINGS.
- CONFIRM COLOR AND SIZE WITH OWNER PRIOR TO INSTALLATION
- CONTRACTOR TO PROVIDE 6x6" MOCKUP OF PAVING TO INCLUDE FIELD PATTERN, BORDER PATTERN AND COLORS.



8 PAVER DETAIL - 90° MITER
NOT TO SCALE

PAVING MATERIAL SCHEDULE

DESCRIPTION	NOTES	QUANTITY
BRICK PAVERS	4x8" 80 MM PAVESTONE 'HOLLANDSTONE' BRICK PAVERS (LIGHT BROWN/PEWTER MIX)	1200 SF.
BRICK PAVER BAND	4x8" 80 MM PAVESTONE 'HOLLANDSTONE' BRICK PAVERS BAND (LIGHT BROWN)	975 SF.
CONCRETE WHEEL STOPS	8" X 6" COLORED CONCRETE WHEEL STOPS (BUTTERFIELD 'GREY' # 8601 - (1 BAG PER 2 YARDS) AS PER PLANS/DETAILS	20
CONCRETE PADS	COLORED CONCRETE PADS (BUTTERFIELD 'GREY' # 8601 (1 BAG PER 2 YARDS) FOR ACCESSIBLE SYMBOL AND NO PARKING SPACE) SEE PLANS AND DETAILS FOR DIMENSIONS, EACH WITH PAINTED STENCIL (COLOR WHITE) AS PER PLANS/DETAILS	50 SF.

PAVING NOTES

- CONTRACTOR SHALL REVIEW AND COORDINATE WITH EXISTING CONDITIONS. LOCATE AND PROTECT ALL UNDERGROUND UTILITIES, DRAINS, ELECTRICAL, ETC.
- CONTRACTOR TO FOLLOW CIVIL ENGINEER'S GRADING/DRAINAGE PLANS. ENSURE PROPER DRAINAGE AWAY FROM ALL BUILDINGS TO DRAIN INLETS PER GRADING/DRAINAGE PLANS.
- CONTRACTOR SHALL STAKE OUT ALL PAVING AREAS FOR SSP APPROVAL PRIOR TO STARTING ANY PAVING WORK.
- CONTRACTOR SHALL STRIP/REMOVE EXISTING UNSUITABLE SOIL/SOD/GRASS IN ALL PAVEMENT AREAS.
- CONTRACTOR SHALL SUPPLY/INSTALL SELECT FILL, SUB-BASE, MOISTURE CONDITION, AND COMPACT SUBGRADE TO 95% PROCTOR DENSITY.
- CONTRACTOR SHALL SUPPLY/APPLY PRE-EMERGENT HERBICIDE TO SUB-BASE OF ALL PAVEMENT AREAS. USE 'RONSTAR' PRE-EMERGENT HERBICIDE OR APPROVED EQUAL.
- CONTRACTOR SHALL SUPPLY/INSTALL PAVERS AS INDICATED IN SCHEDULE

- CONTRACTOR SHALL CUT/MITRE ALL RADII AND CORNERS USING MASONRY SAW AS DETAILED.
- CONTRACTOR SHALL FILL/SWEEP ALL JOINTS WITH MIXTURE OF JOINT SAND AND 'SANDLOCK' JOINT STABILIZER. MI. 3-4 LBS. OF 'SANDLOCK' PER 100 LBS OF JOINT SAND. SWEEP ADDITIONAL 'SANDLOCK' ONTO FINAL SURFACE AND INTO ALL JOINTS THEN SATURATE WITH WATER TO ACTIVATE STABILIZER.
- CONTRACTOR SHALL NOTIFY SSP BEFORE INSTALLATION FOR INSPECTIONS/APPROVALS OF ALL WORK.
- CONTRACTOR SHALL WARRANTY ALL MATERIALS AND LABOR FOR A PERIOD OF TWO YEARS. WARRANTY INCLUDED RE-SANDING IF REQUIRED, HERBICIDE TREATMENT AND REPAIR OF ALL SUBGRADE FAILURES IF REQUIRED.



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HARLINGEN, TEXAS 78550
PH: (956)428-4461 FAX: (956)428-0287
FIRM REGISTRATION #F-4145

SEAL

PROJECT

WALKOVER
AT WHITECAP CIRCLE

SOUTH PADRE ISLAND,
TEXAS

CLIENT

CITY OF
SOUTH PADRE ISLAND



SOUTH PADRE ISLAND,
TEXAS

P: 956-761-3044
F: 956-761-3898



MARK	DATE	DESCRIPTION

PROJECT NO. 1065-16

DATE 12-10-2021

DRAWN BY PLM

CHECKED BY SSP

SCALE AS SHOWN

SHEET TITLE

**HARDSCAPE
SCHEDULES AND
DETAILS**

SHEET NO.

L3.02



HDR Project No. 10310755
 Estimated By: DRB1
 Checked By: DEG
 QA/QC By: PJB
 Date: February 16, 2022

OPINION OF PROBABLE PROJECT COST
SPI Tompkins Channel - Maintenance Dredging (30% Design)

Item Description	Quantity		Unit Cost	Minor Work Item Subtotals	Major Work Item Subtotals	Extended Total
	QTY	Unit				
Item No. 1 - Mobilization/Demobilization						\$50,000
Mobilization	1	LS	\$25,000	\$25,000	\$25,000	
Demobilization	1	LS	\$25,000	\$25,000	\$25,000	
Item No. 2 - Dredge Material Placement Area						\$503,000
DMPA Preparation					\$28,000	
Preparation of Dredge Disposal Area	1	LS	\$19,283	\$19,283		
Final Preparation before Departure of Jobsite	1	LS	\$8,035	\$8,035		
DMPA Fill					\$475,000	
Management of Dredge Disposal Area	1	LS	\$201,177	\$201,177		
Disposal of Material Offsite	1	LS	\$273,600	\$273,600		
Item No. 3 - Dredging						\$687,000
Soil Sampling					\$55,000	
Implementation of SAP (Sampling, Testing, Reporting)	1	LS	\$55,000	\$55,000		
Dredging					\$632,000	
Dredging - Maintenance Material	19,000	CY	\$33	\$631,870		

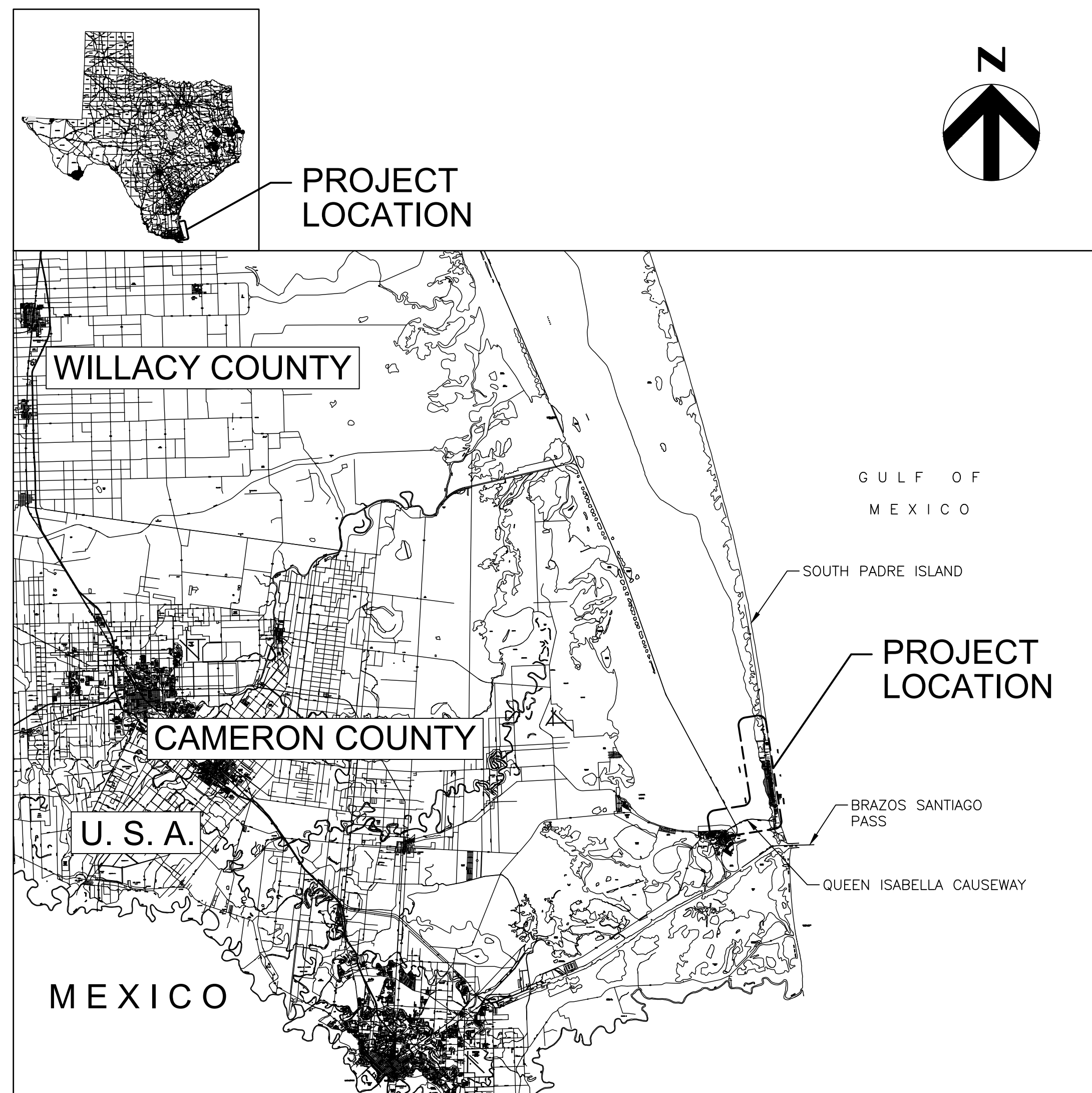
SUBTOTAL (Work Items - Dredging Not Included)						\$553,000
SUBTOTAL (Work Items - Dredging)						\$687,000
Project Contingency	25%					\$310,000
SUBTOTAL (Work Items Plus Contingency)						\$1,550,000

Other Project Related Costs						\$160,000
Surveys (1 Topographic, 1 pre-dredge)	1	LS	\$20,000	\$20,000	\$20,000	
Geotechnical Investigation					\$0	
Engineering (30%-100% Design)		10%			\$86,300	
Engineering (Bid Phase)		1%			\$6,870	
Permitting		0%			\$0	
Construction Administration		3%			\$46,500	
Materials Testing		0%			\$0	
PROJECT GRAND TOTAL						\$1,710,000

OPPC Estimate Range		Range
LOW END (for CLASS 3 Cost Estimate)	\$1,400,000	-20%
HIGH END (for CLASS 3 Cost Estimate)	\$2,300,000	30%

Notes:

- Opinion of probable project cost (OPPC) is based on HDR's understanding of current labor and material costs (in 2022) and reasonable estimates of construction activity duration..
- It is assumed that the soils are not contaminated. Material testing during the design phase will determine the suitability standard disposal of the soil.



Contract Drawings For

City of South Padre Island

Tompkins Channel Maintenance Dredging

Project No.
10310755

South Padre Island, Texas
February 2022

30% DESIGN PRELIMINARY

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ENGINEER: DANIEL E. GARZA

LICENSE NO.: 104628

DATE: 02/18/2022

INDEX OF DRAWINGS

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27	CROSS SECTIONS (11 OF 11)
28	PLACEMENT AREA PLAN AND DETAILS

GENERAL REQUIREMENTS:

1. THE DETAILED REQUIREMENTS FOR ALL ITEMS DESCRIBED IN THE GENERAL NOTES ARE CONTAINED IN THE SPECIFICATIONS.
2. CONTRACTOR SHALL NOT COMMENCE ANY CONSTRUCTION OPERATION UNTIL THE CONTRACTOR HAS VERIFIED THAT CONSTRUCTION / ENVIRONMENTAL PERMITS FOR THIS PROJECT HAVE BEEN ACQUIRED.
3. CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL ELEVATIONS, COORDINATES, DIMENSIONS, EXISTING CONDITIONS, AND INFORMATION INDICATED ON THE CONTRACT DOCUMENTS PRIOR TO COMMENCEMENT OF SITE WORK. THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND ON THE CONTRACT DOCUMENTS OR FOUND TO EXIST BETWEEN THE FIELD CONDITIONS AND THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL TAKE CORRECTIVE ACTION AS DIRECTED BY THE OWNER.
4. THE LOCATION AND DEPTH OF UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE WORK COMMENCES. PRIOR TO BEGINNING ANY WORK IN THE AREA OF EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES OWNER FOR EXACT LOCATIONS AND DEPTHS TO PREVENT ANY DAMAGE OR INTERFERENCE WITH PRESENT FACILITIES.
5. THE CONTRACTOR TO NOTIFY THE TEXAS ONE CALL (811) AND ALL KNOWN UTILITY OWNERS WITHIN THE WORK AREA AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION OPERATIONS. THIS ACTION HOWEVER, SHALL IN NO WAY BE INTERPRETED AS RELIEVING THE CONTRACTOR OF THE RESPONSIBILITY UNDER THE TERMS OF THE CONTRACT AS SET OUT IN THE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY HIS OPERATIONS AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE UTILITY COMPANY INVOLVED.
6. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE US ARMY CORPS OF ENGINEERS (USACE) PERMIT OBTAINED BY THE OWNER FOR THIS PROJECT. REFER TO US ARMY CORPS OF ENGINEERS PERMIT NO. XXX-XXXX-XXXX.
7. ALL EXISTING ROADWAYS AND OTHER FEATURES WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
8. CONTRACTOR SHALL MAINTAIN ALL REGULATORY AND WARNING SIGNS DURING THE CONSTRUCTION PERIOD.
9. CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO NOT INTERFERE WITH, OR BE DETRIMENTAL TO VESSEL AND VEHICULAR TRAFFIC AND THE DAILY OPERATION OF THE OWNER DURING THE COURSE OF THE WORK.
10. ALL EXISTING FEATURES OF THE PROJECT SITE WHICH ARE DAMAGED BY THE CONTRACTOR DURING HIS OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
11. THE CONTRACTOR SHALL PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH USACE-EM-385-1-1, NAVFAC P307, OSHA AND CONTRACT DOCUMENTS.
12. CONTACT OWNER FOR TRAINING INFORMATION AND PARKING REQUIREMENTS:
FIRST NAME LAST NAME, TITLE, (XXX)-XXX XXXX (OFFICE) AND (XXX)-XXX XXXX (CELL)

HORIZONTAL AND VERTICAL CONTROL

1. HYDROGRAPHIC SURVEY WAS PERFORMED BY NAISMITH MARINE SERVICES (NOW A PART OF T. BAKER SMITH), ON 15-18 OF DECEMBER, 2020.
2. HORIZONTAL COORDINATES SHOWN ARE STATE PLANE GRID, NAD83, TEXAS SOUTH ZONE, IN U.S. FEET.
3. VERTICAL DATUM SHOWN ON THESE DRAWINGS IS MEAN LOWER LOW WATER (MLLW) IN U.S. FEET.
4. MONUMENTS USED FOR HORIZONTAL AND VERTICAL CONTROL ARE AS FOLLOWS:

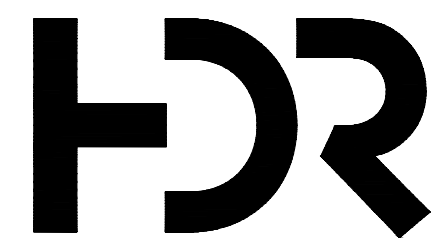
"BRAZOS"	N	16,554,943.90'
	E	1,422,679.84'
	EL.	+5.0' MLLW (+4.1' NAVD 88)

5. DATUM CORRELATION TABLE AS DEFINED BY SOUTH PADRE ISLAND CG STATION, TX (ID # 8779748):

	MLLW	NAVD '88
MEAN HIGHER HIGH WATER (MHHW)	+1.37'	+0.44'
NORTH AMERICAN VERTICAL DATUM 1988 (NAVD'88)	+0.93'	+0.00'
MEAN LOWER LOW WATER (MLLW)	+0.00'	-0.93'

WATER SURFACE RANGE BETWEEN MLLW AND MHHW REPRESENTS A NORMAL STATISTICAL WATER SURFACE RANGE. THE WATER SURFACE WILL ON OCCASION BE HIGHER OR LOWER THAN THIS RANGE.

6. GRAIN SIEVE ANALYSES WERE PERFORMED ON THE TEN SOIL SAMPLES OF MATERIAL WERE OBTAINED FROM THE CHANNEL IN LOCATIONS AS INDICATED ON THE DRAWINGS. THE LOCATIONS WERE SELECTED AT AREAS THAT INDICATED GREATER SHOALING IN A PREVIOUS SURVEY. REFER TO SPECIFICATION SECTION XX XX XX, APPENDIX X FOR THE DATA SHEETS.



HDR Engineering, INC
TBPELS Firm
Registration No. F-754

ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022

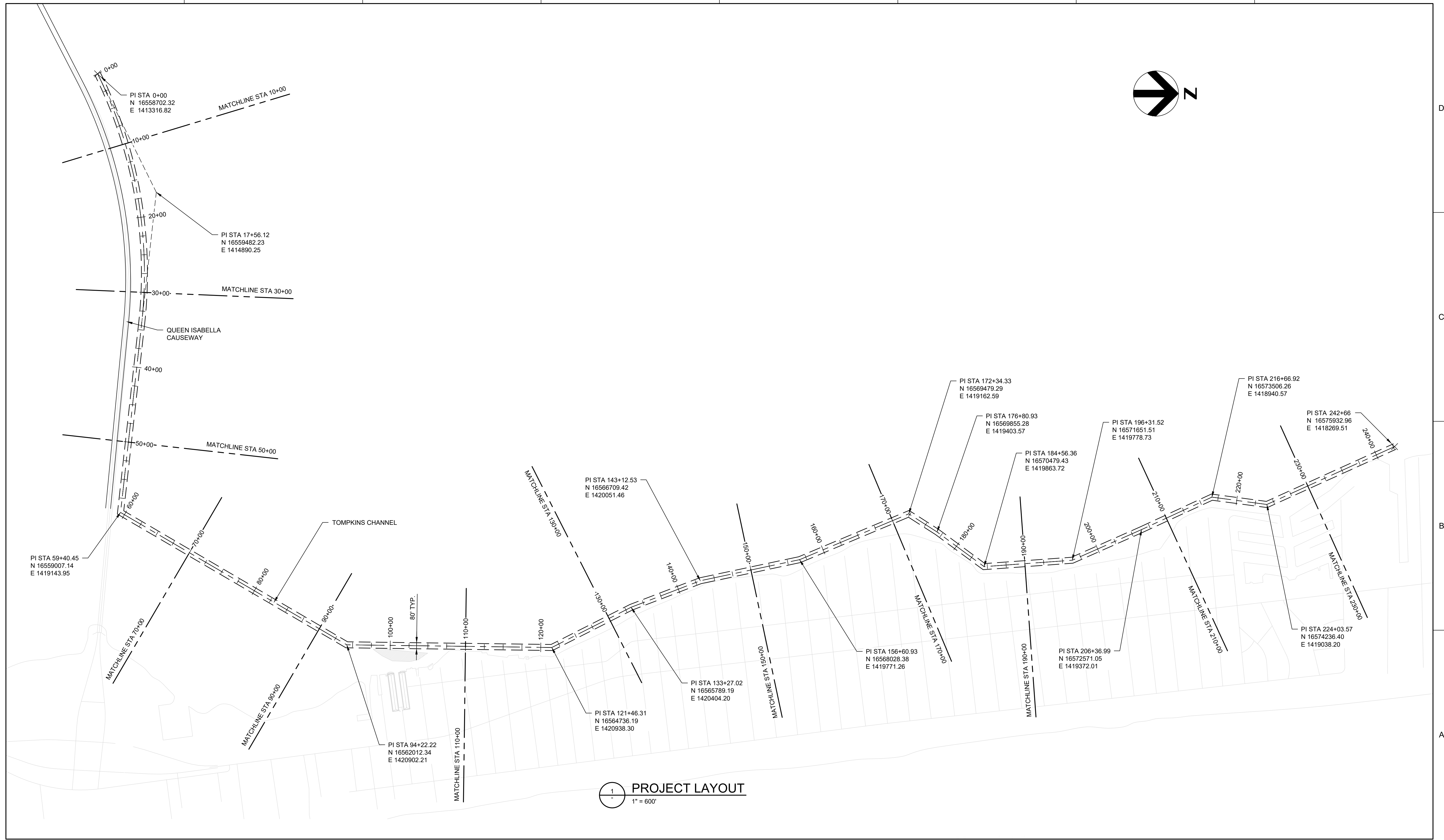
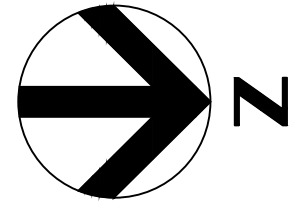


GENERAL NOTES



FILENAME | 00G-02.dwg
 SCALE | NO SCALE

SHEET
 02



1 PROJECT LAYOUT
1" = 600'



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A	02/18/2022	ISSUED FOR REVIEW

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DATE: 02/18/2022

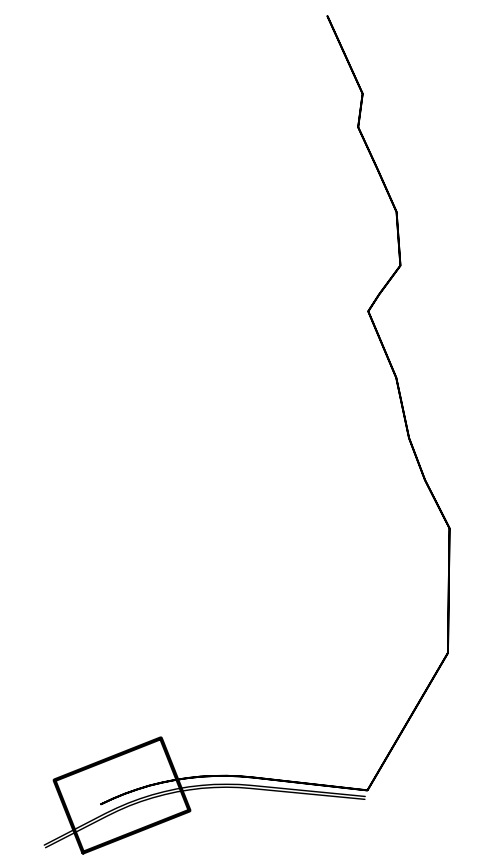
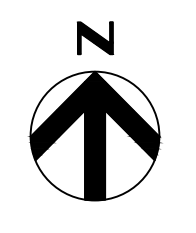
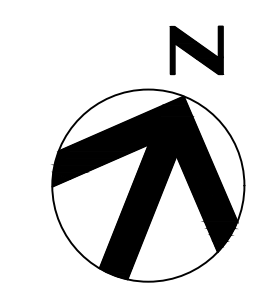


PROJECT LAYOUT

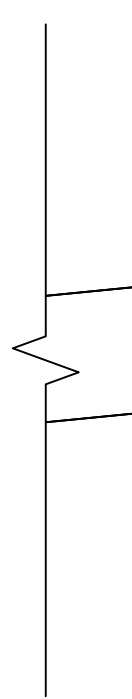
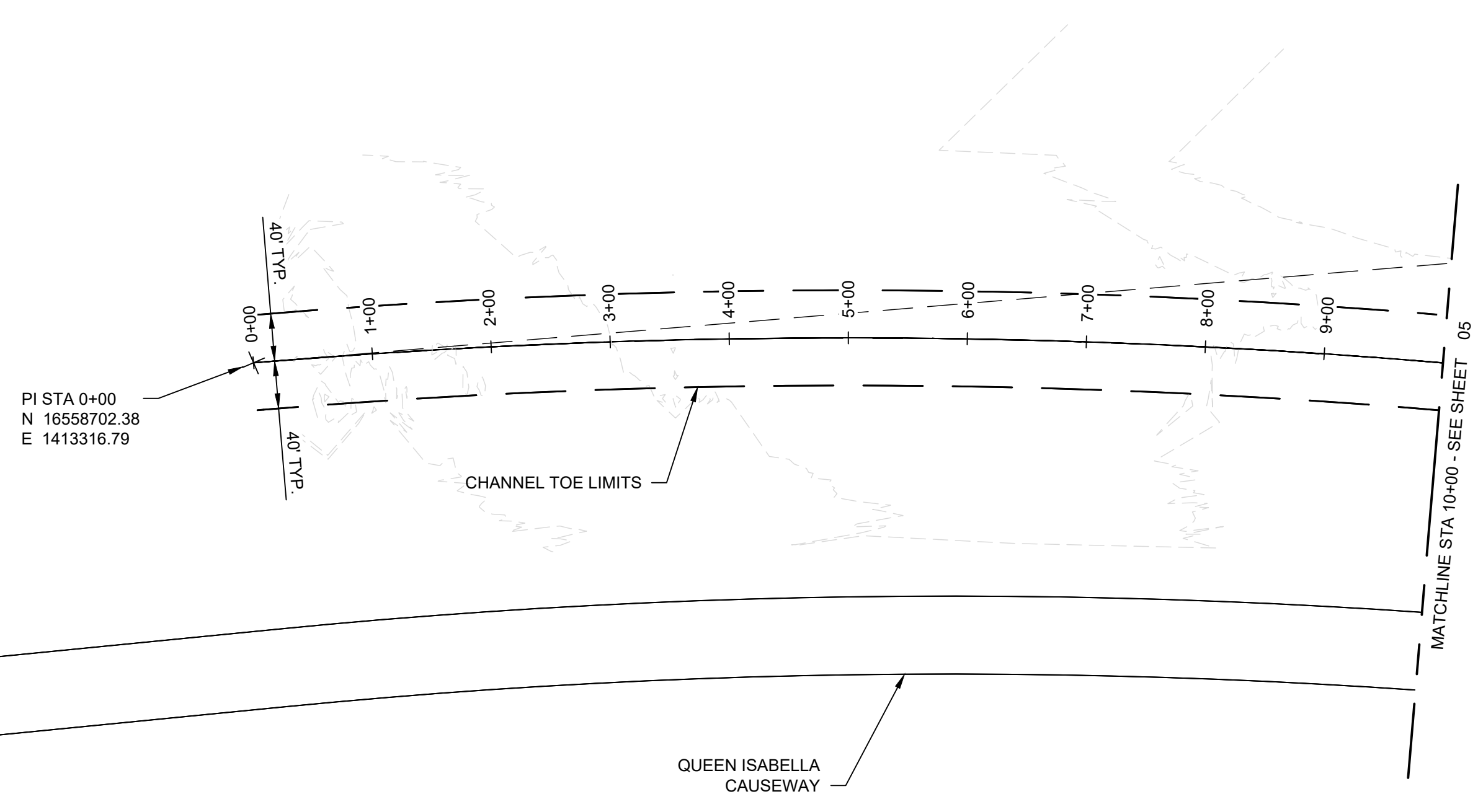
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FILENAME | 00C-01.dwg
SCALE | 1" = 600'

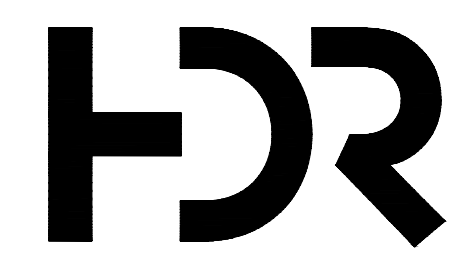
SHEET | **03**



KEY MAP



D
C
B
A



HDR Engineering, INC
TBPELS Firm
Registration No. F-754

ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

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PROJECT NUMBER	10310755

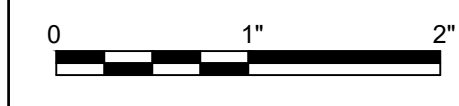
30% SUBMITTAL PRELIMINARY

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DATE: 02/18/2022

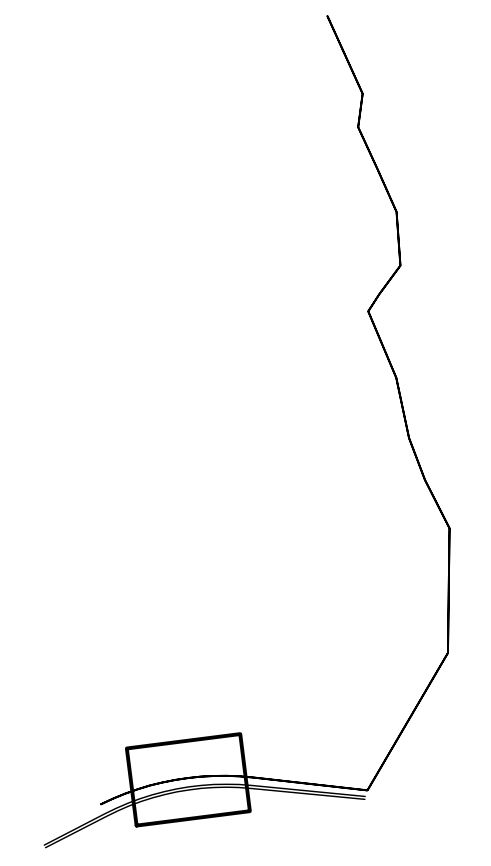
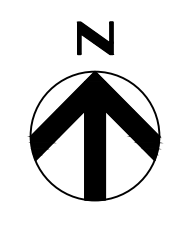
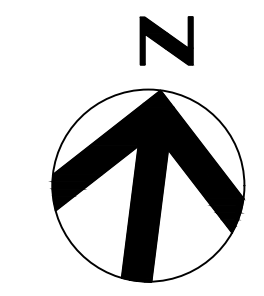


ENLARGED LAYOUT (1 OF 13)

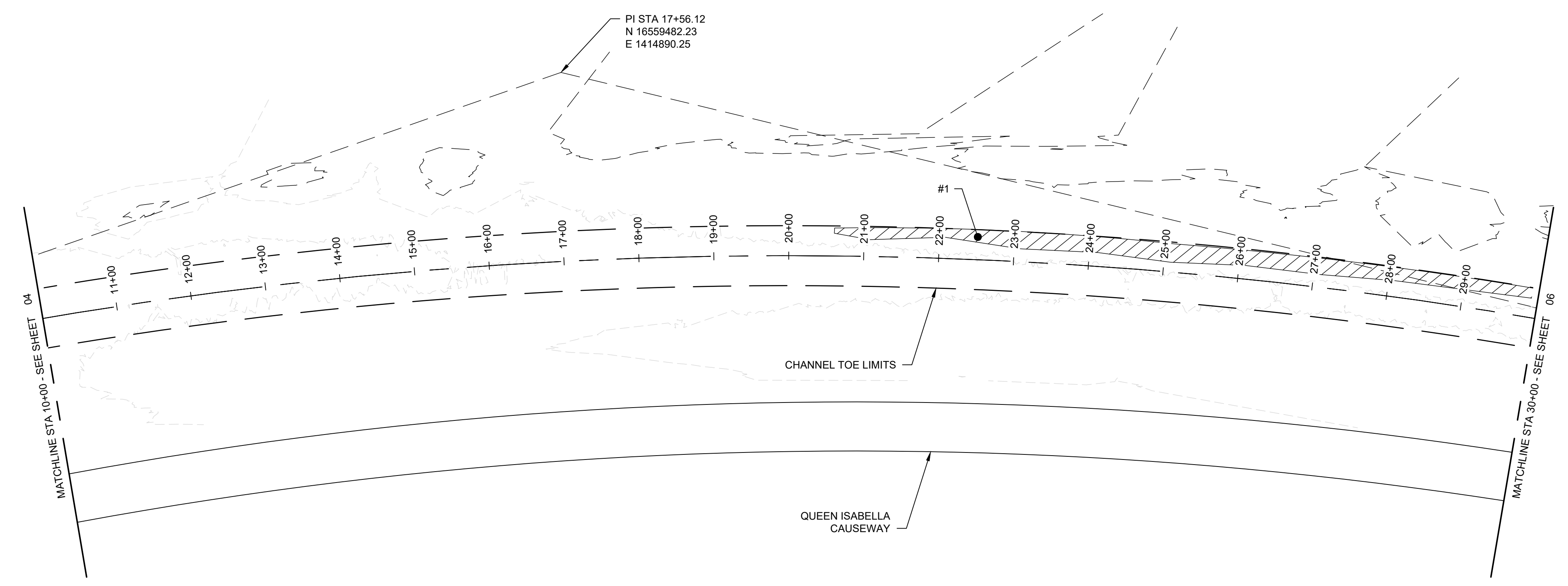


FILENAME | 00C-02.dwg
SCALE | 1" = 100'

SHEET
04



KEY MAP



LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2020 SURVEY)



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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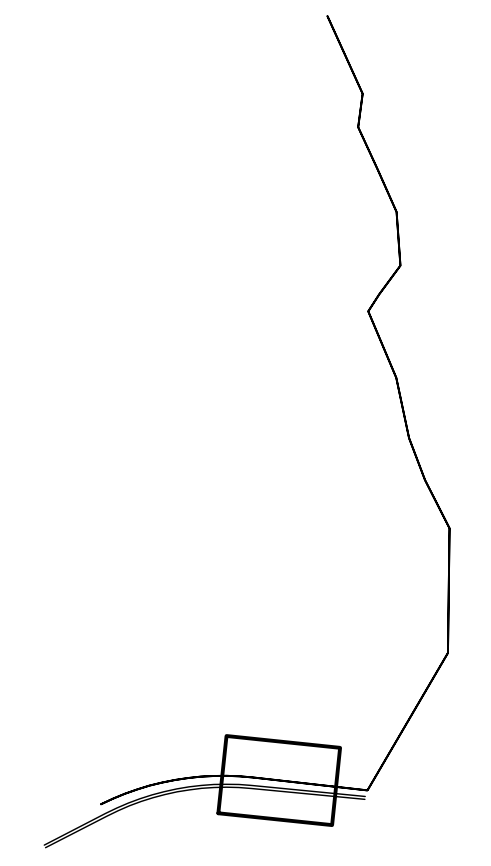
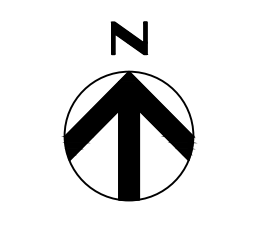
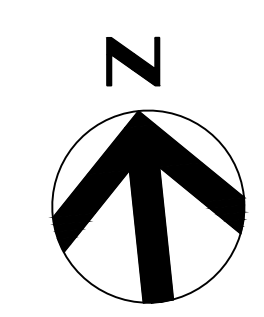
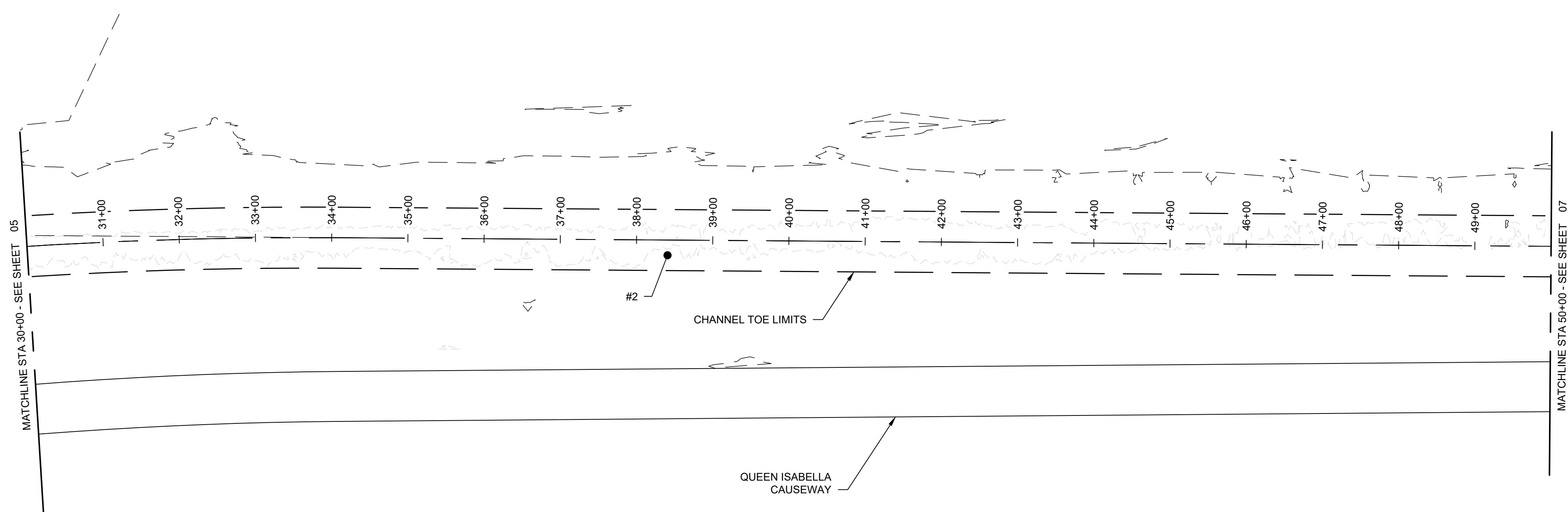


ENLARGED LAYOUT (2 OF 13)

0 1" 2"

FILENAME | 00C-03.dwg
SCALE | 1" = 100'

SHEET | **05**



KEY MAP

LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2020 SURVEY)



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PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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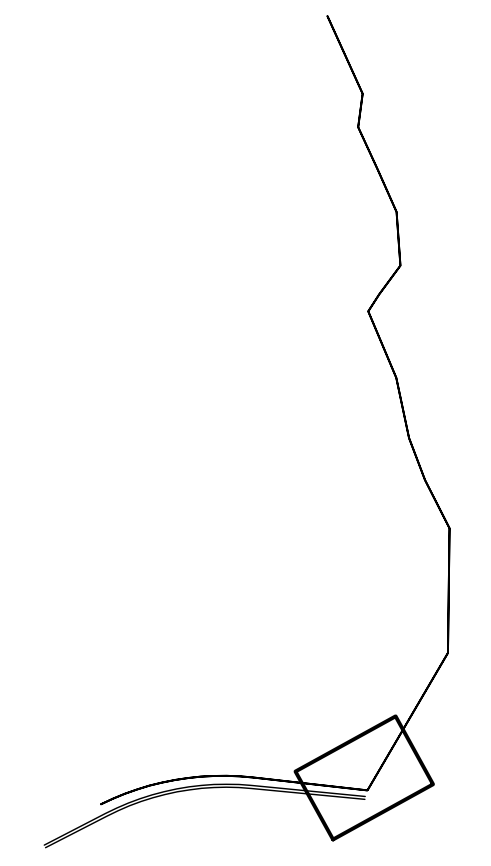
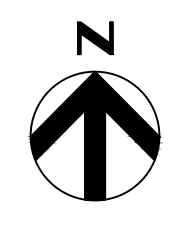
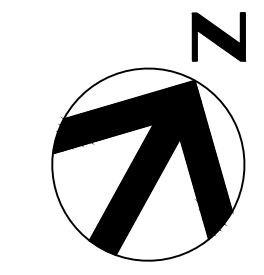


ENLARGED LAYOUT (3 OF 13)

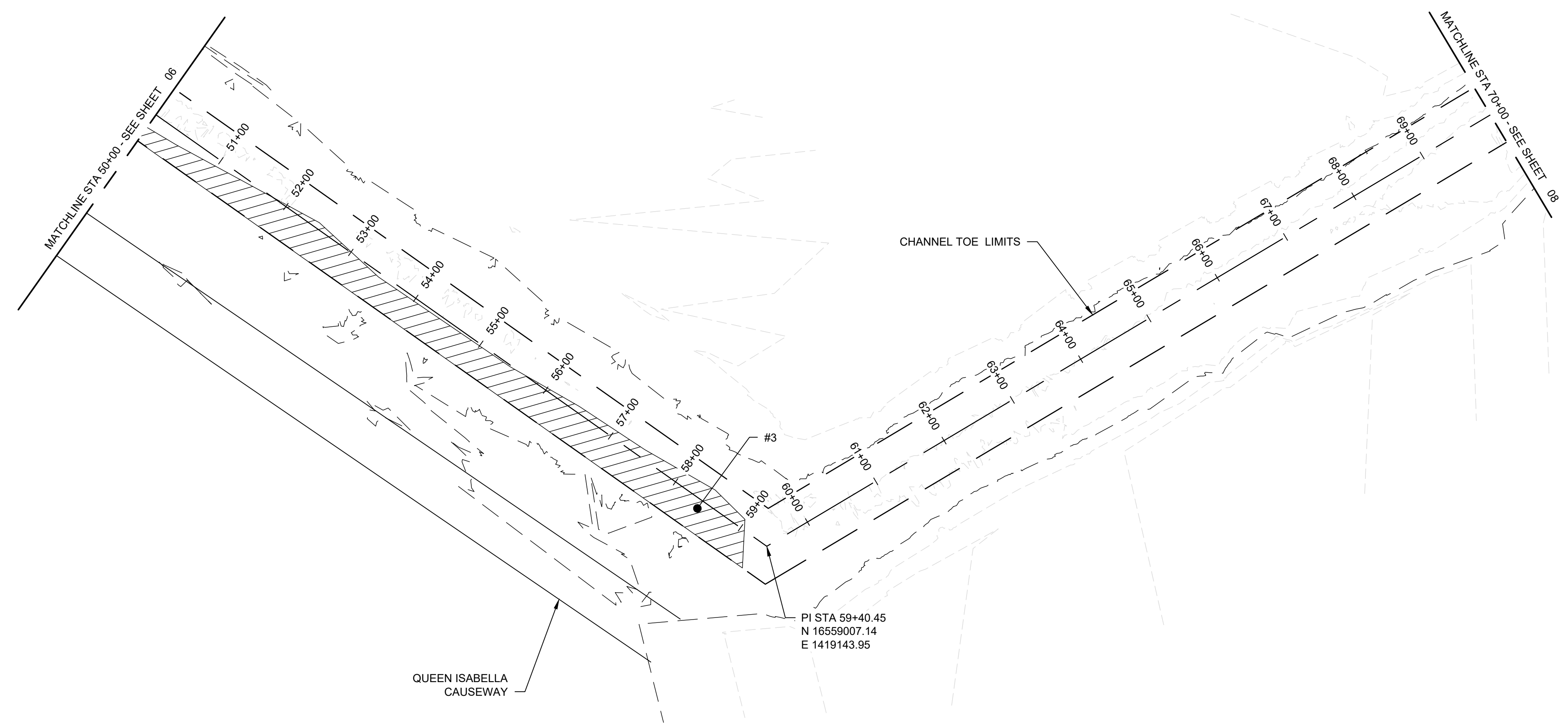
0 1" 2"

FILENAME | 00C-04.dwg
 SCALE | 1" = 100'

SHEET | **06**



KEY MAP



LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2020 SURVEY)



ISSUE	DATE	DESCRIPTION
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PROJECT MANAGER	DANIEL E. GARZA
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DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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 DATE: 02/18/2022

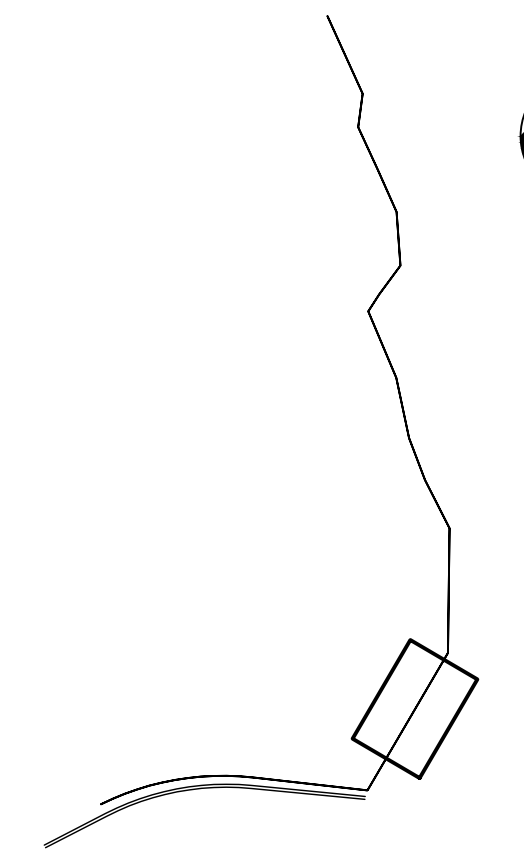


ENLARGED LAYOUT (4 OF 13)

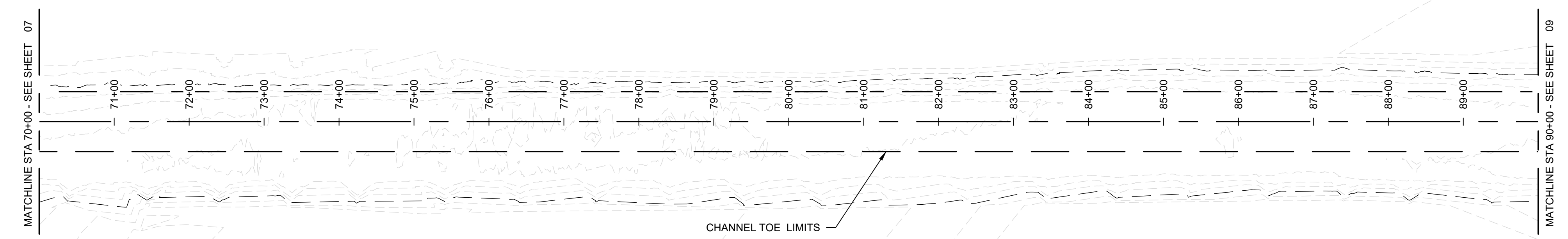
0 1" 2"

FILENAME | 00C-05.dwg
SCALE | 1" = 100'

SHEET | **07**



KEY MAP



D

C

B

A



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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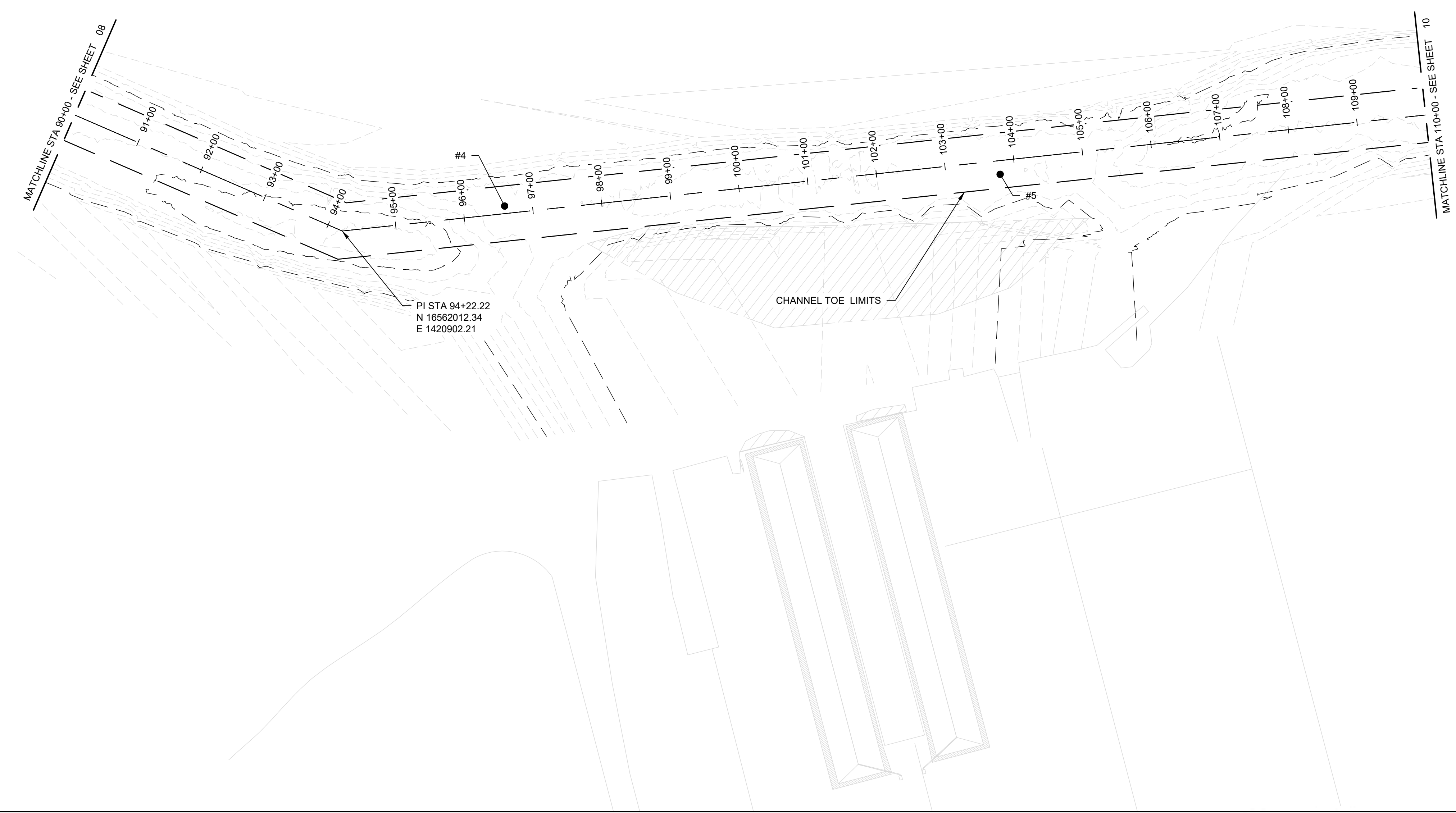


ENLARGED LAYOUT (5 OF 13)

FILENAME | 00C-06.dwg
SCALE | 1" = 100'



KEY MAP



LEGEND

#X SOIL GRAB LOCATION



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
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CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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ENGINEER: DANIEL E. GARZA
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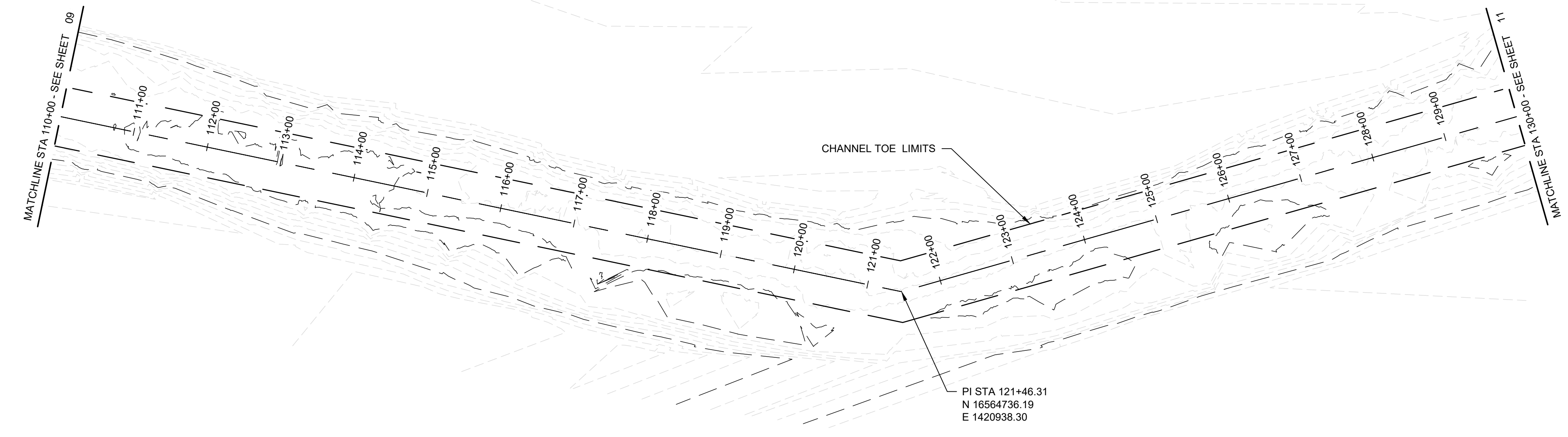


ENLARGED LAYOUT (6 OF 13)

0 1" 2"

FILENAME | 00C-07.dwg
SCALE | 1" = 100'

SHEET | **09**



KEY MAP



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
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CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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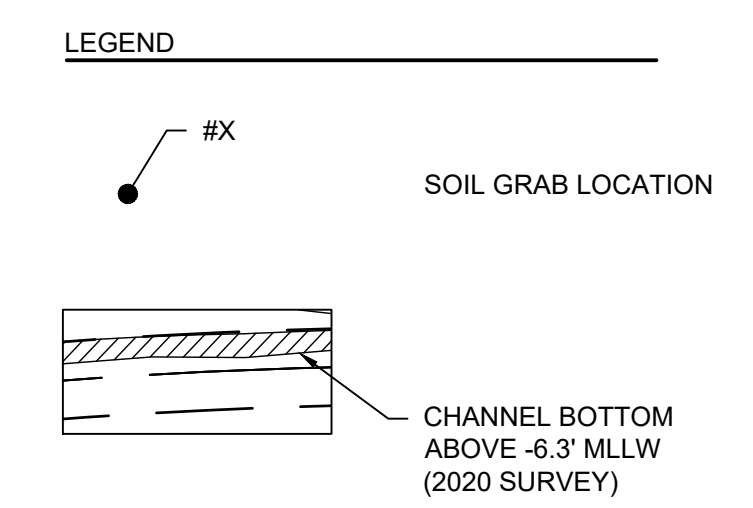
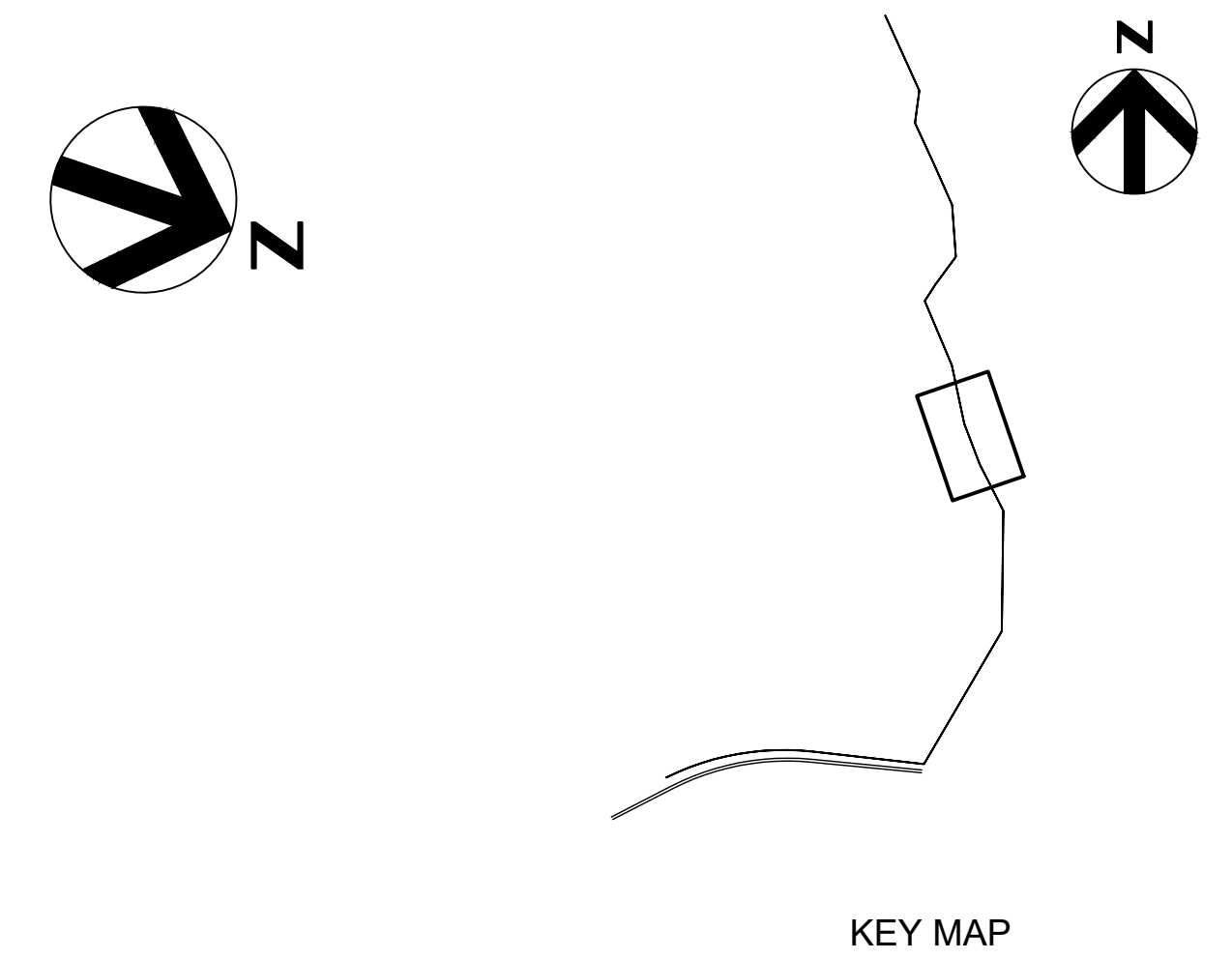
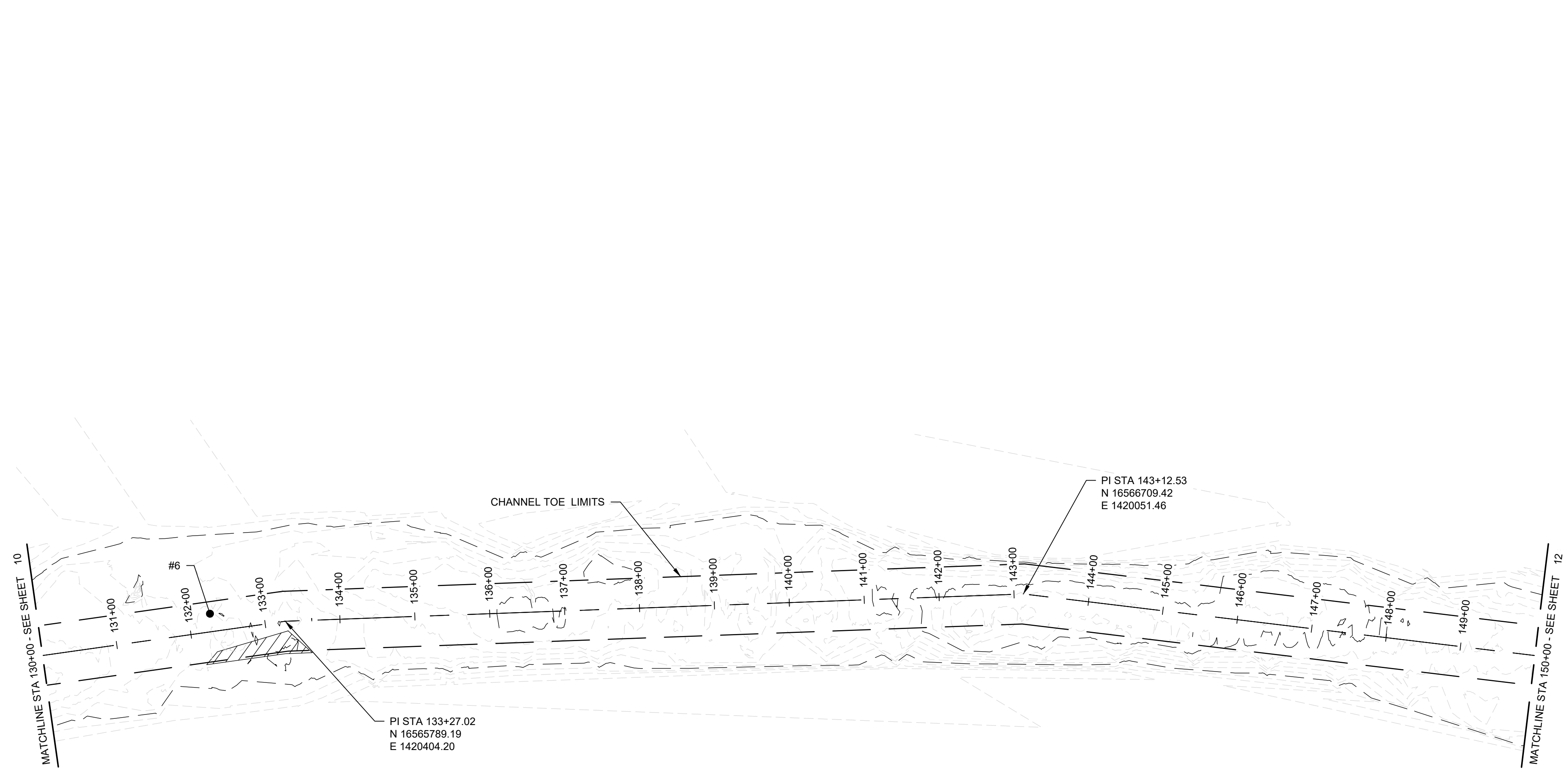
ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022



ENLARGED LAYOUT (7 OF 13)

FILENAME: 00C-08.dwg
 SCALE: 1" = 100'

SHEET **10**



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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 LICENSE NO.: 104628
 DATE: 02/18/2022

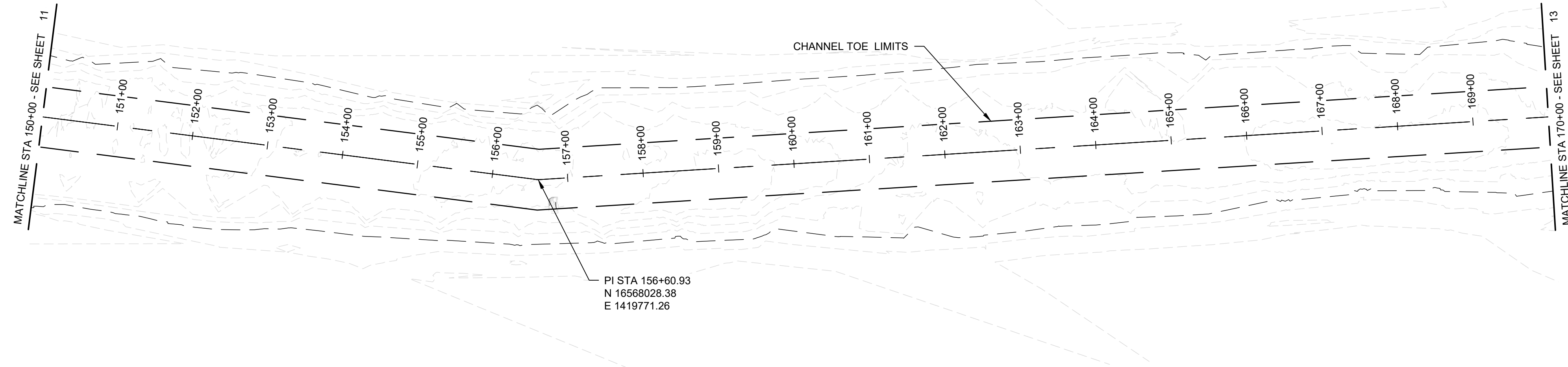


ENLARGED LAYOUT (8 OF 13)

0 1" 2"

FILENAME: 00C-09.dwg
 SCALE: 1" = 100'

SHEET 11



KEY MAP



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
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CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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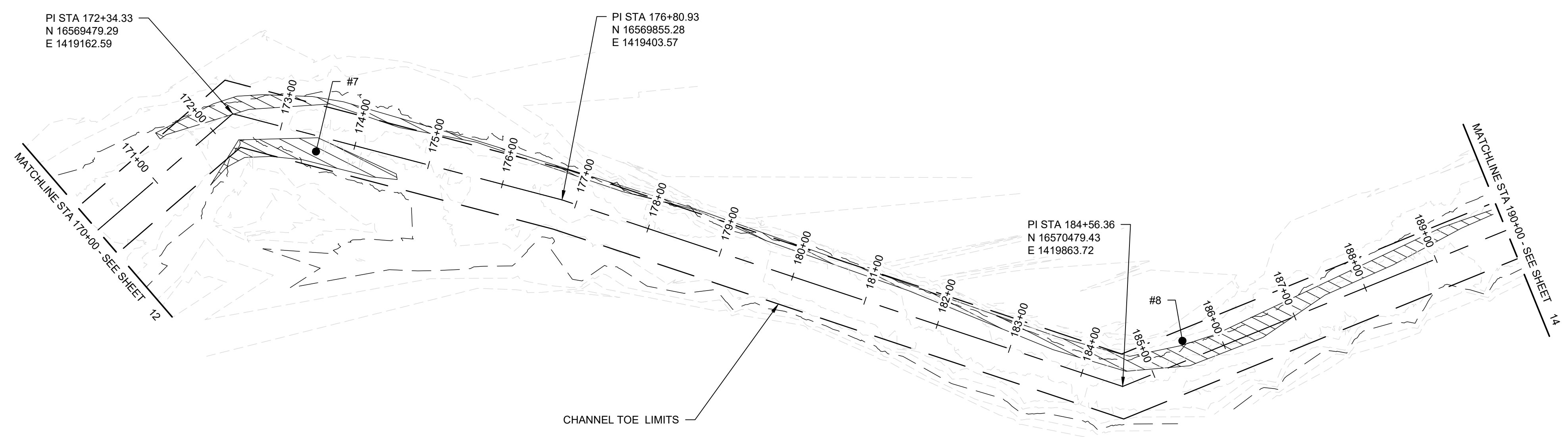
ENGINEER: DANIEL E. GARZA
LICENSE NO.: 104628
DATE: 02/18/2022



ENLARGED LAYOUT (9 OF 13)

SCALE: 1" = 100'

FILENAME: 00C-10.dwg



LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2020 SURVEY)



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

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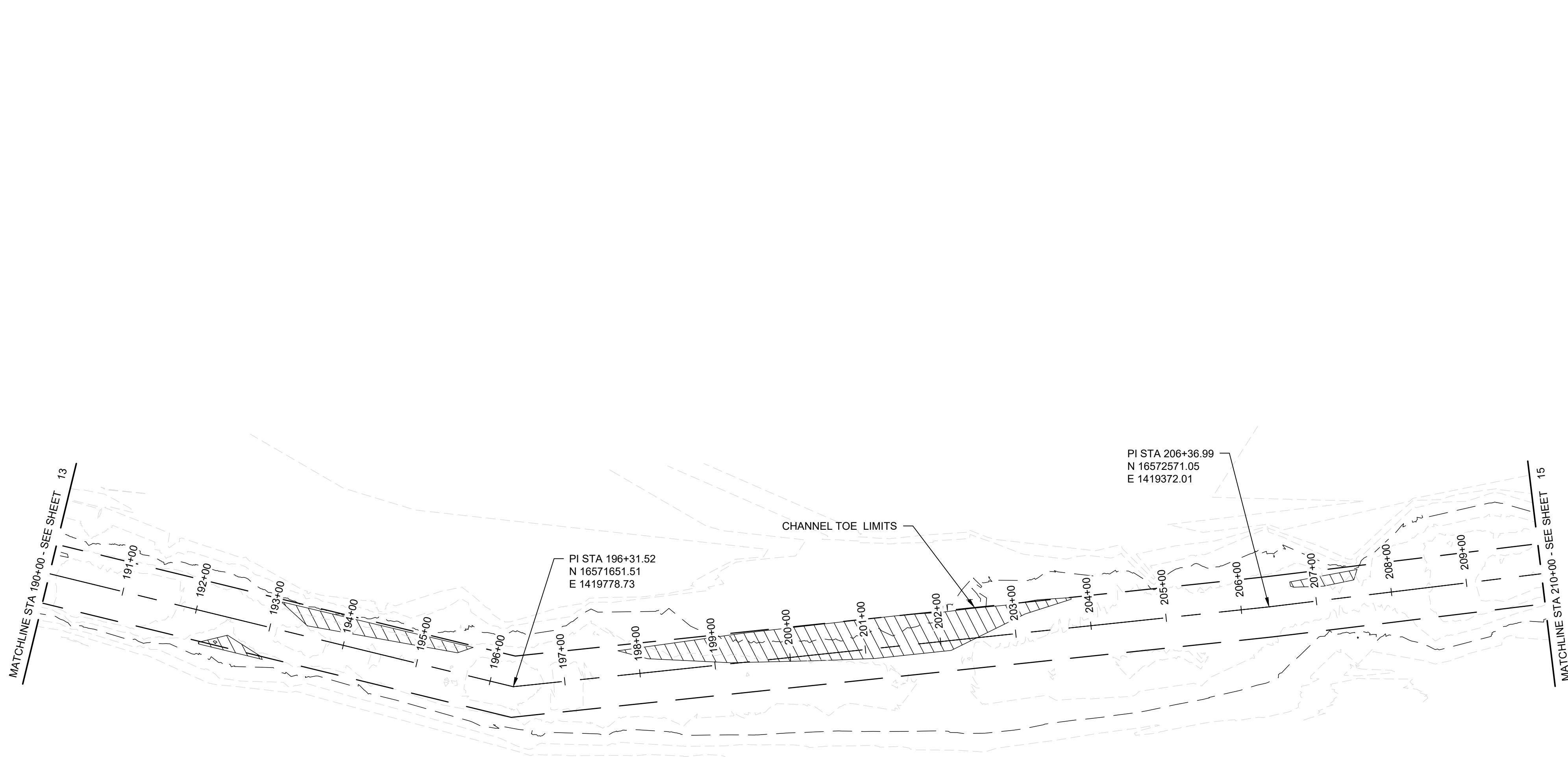


ENLARGED LAYOUT (10 OF 13)

0 1" 2"

FILENAME | 00C-11.dwg
SCALE | 1" = 100'

SHEET | **13**



KEY MAP

LEGEND

CHANNEL BOTTOM ABOVE -6.3' MLLW (2020 SURVEY)



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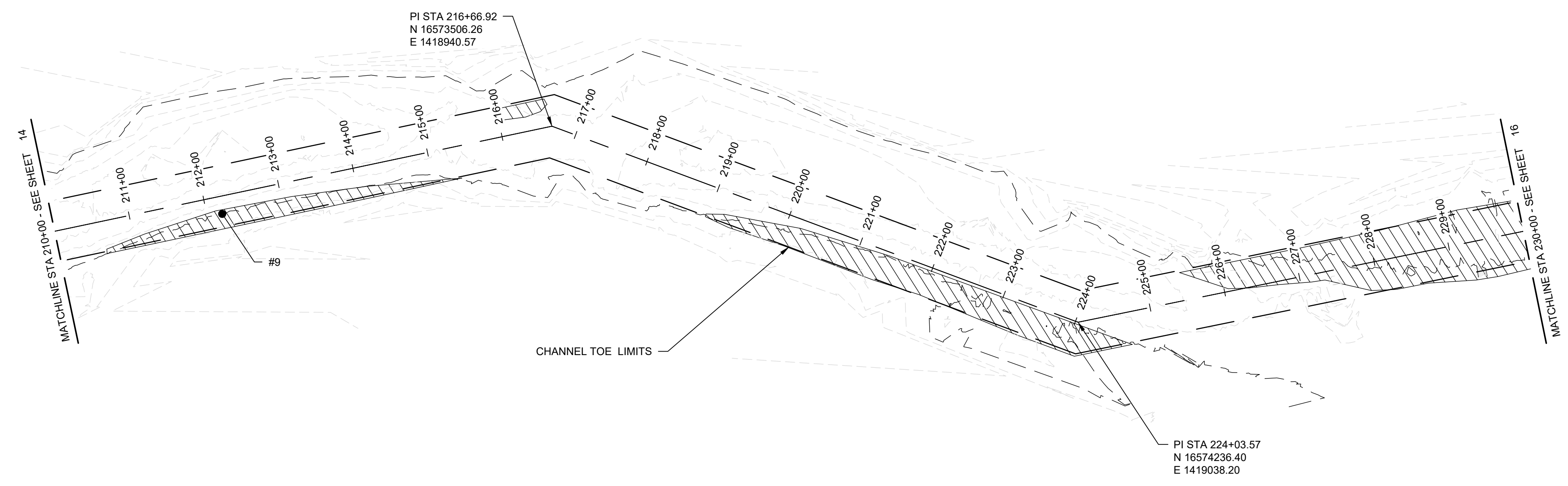
ENLARGED LAYOUT (11 OF 13)

FILENAME: 00C-12.dwg
 SCALE: 1" = 100'

SHEET **14**



KEY MAP



LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2020 SURVEY)



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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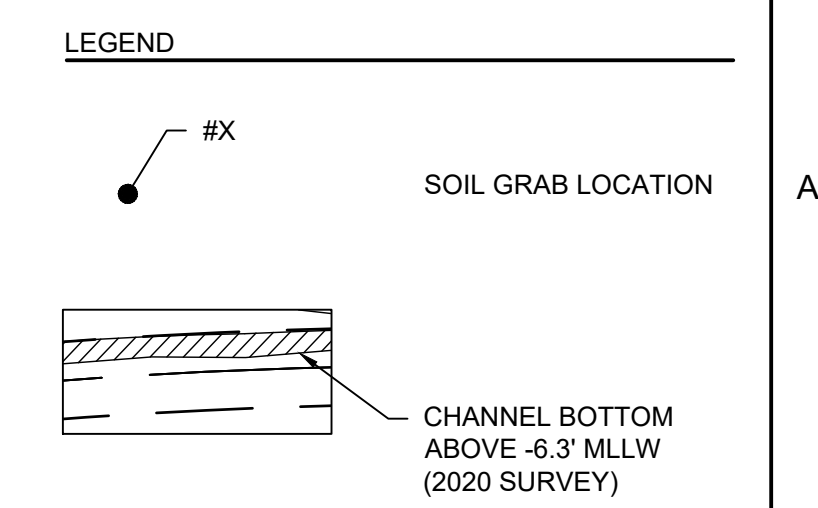
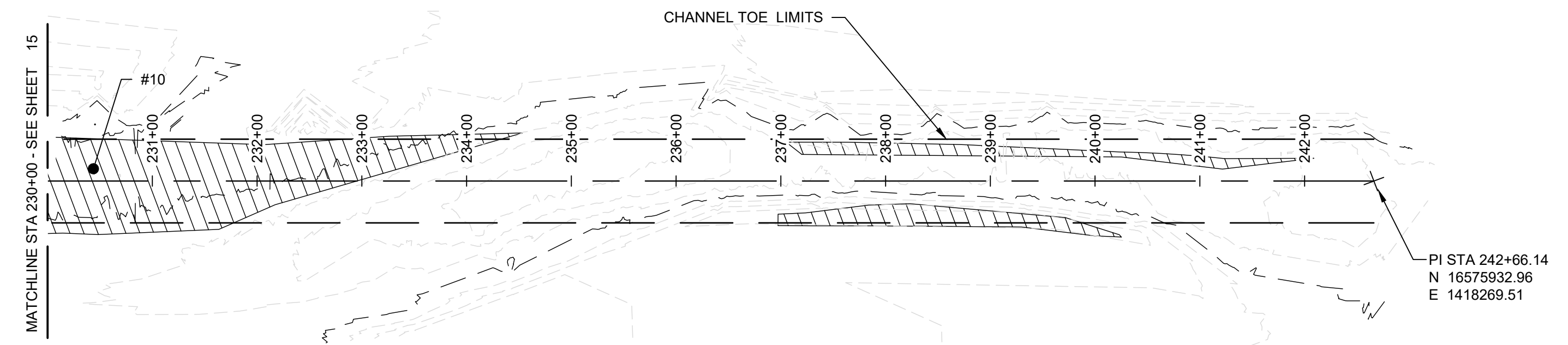
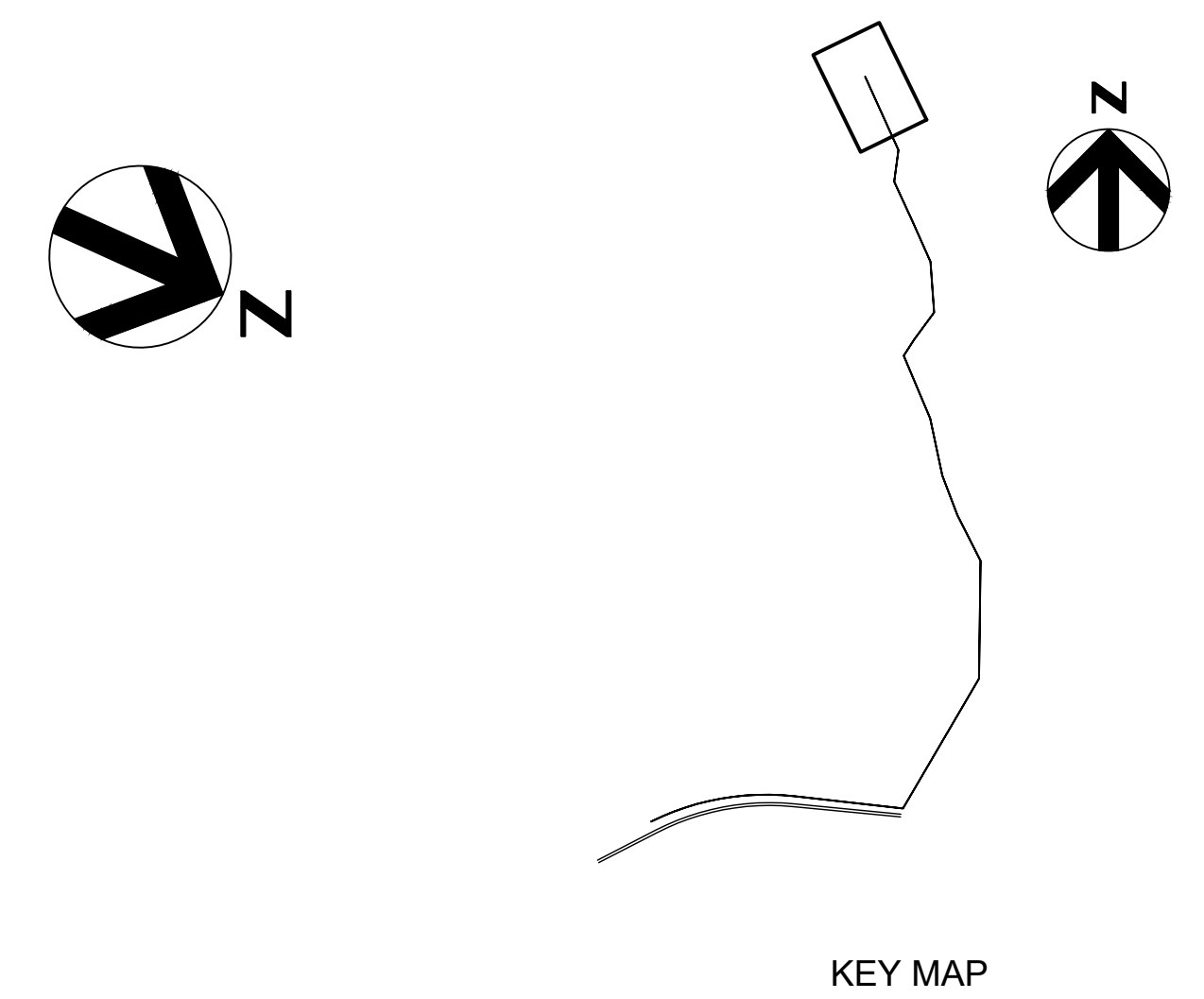


ENLARGED LAYOUT (12 OF 13)

0 1" 2"

FILENAME | 00C-13.dwg
SCALE | 1" = 100'

SHEET | 15



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

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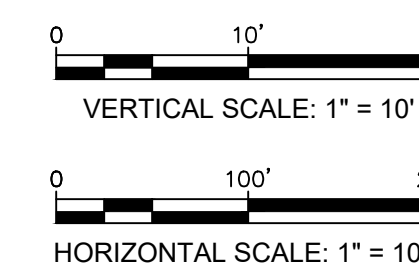
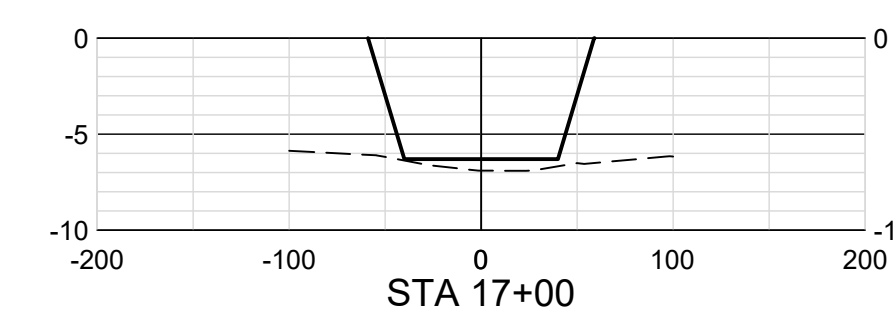
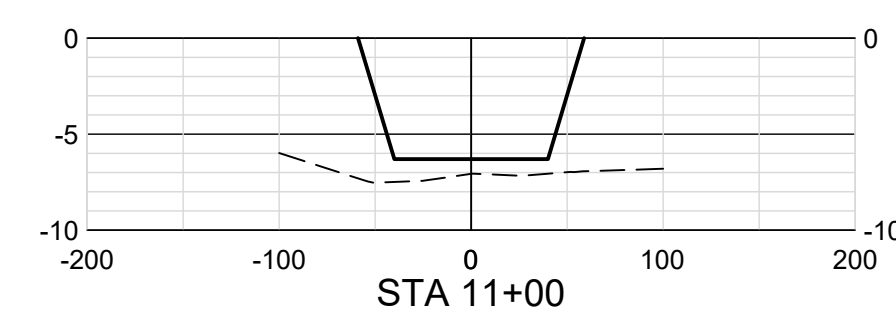
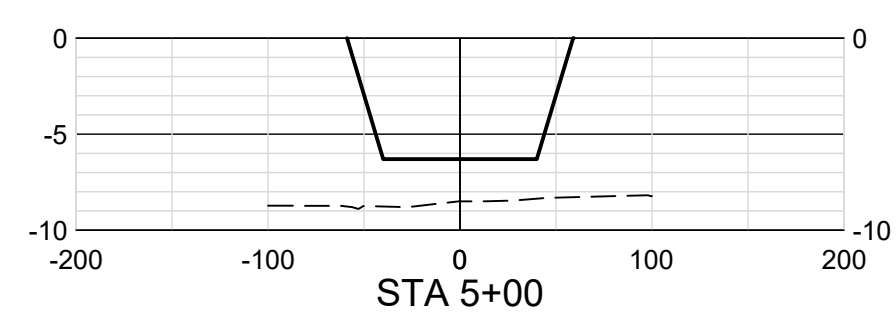
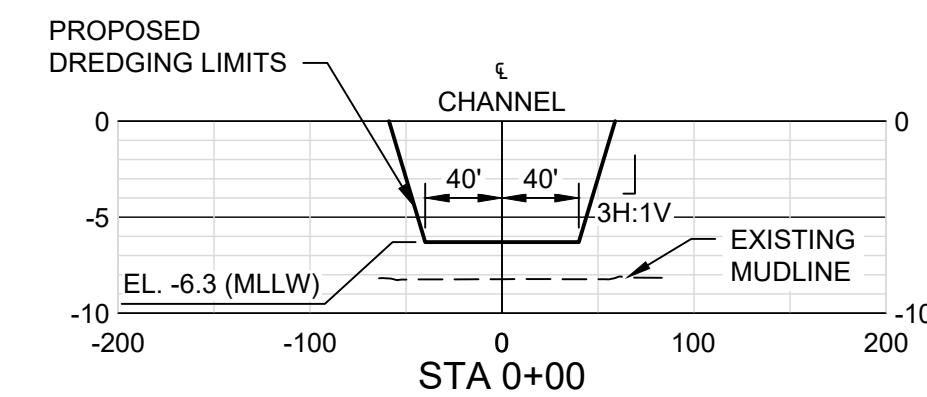
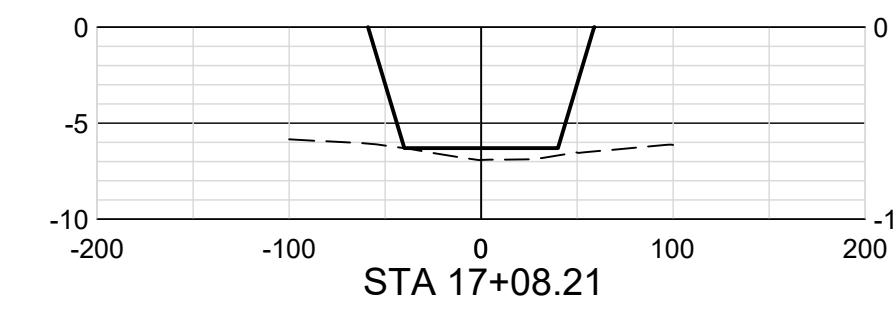
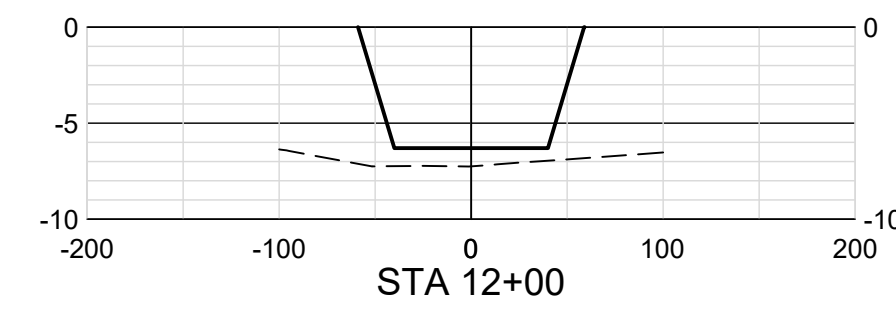
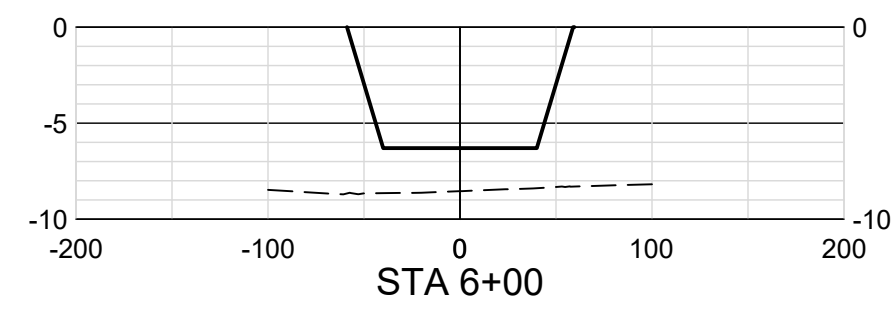
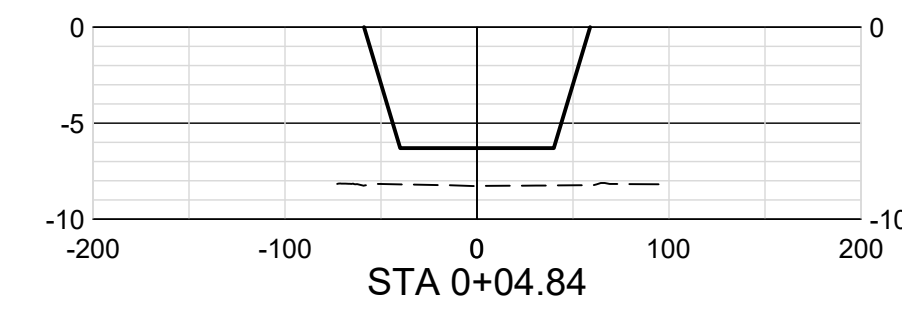
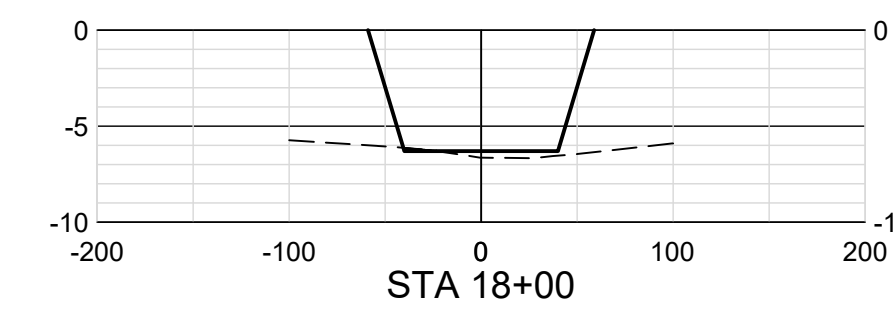
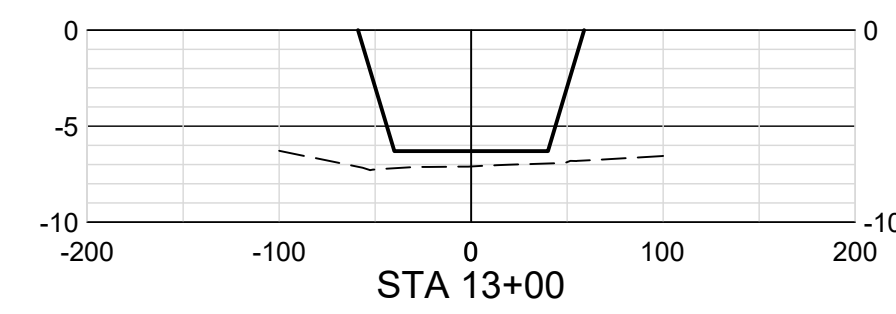
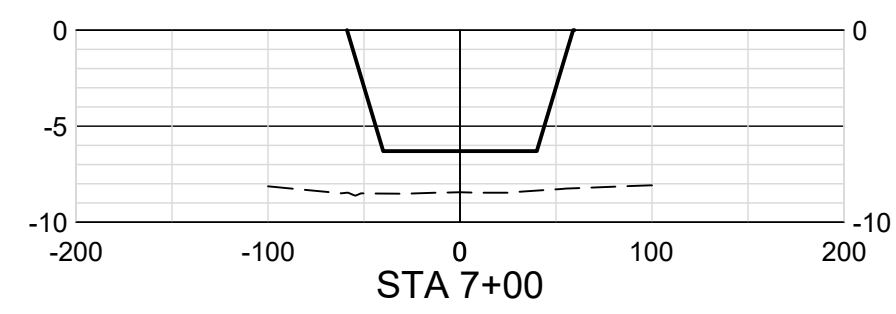
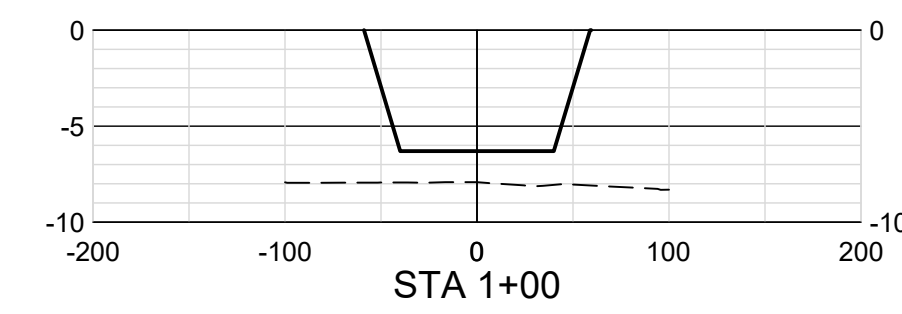
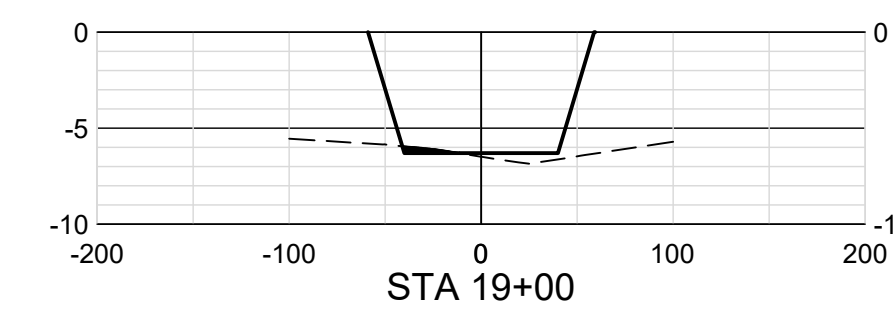
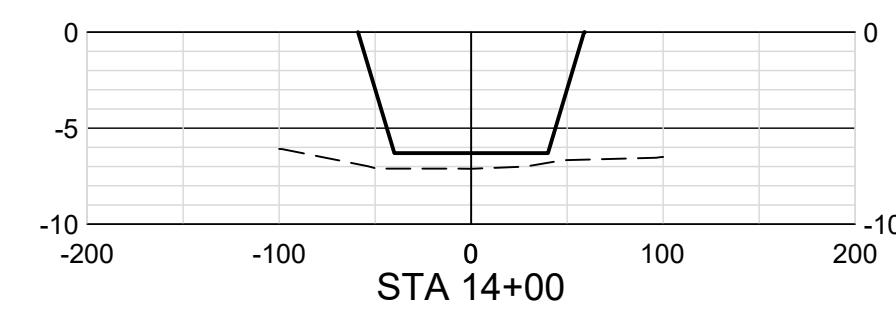
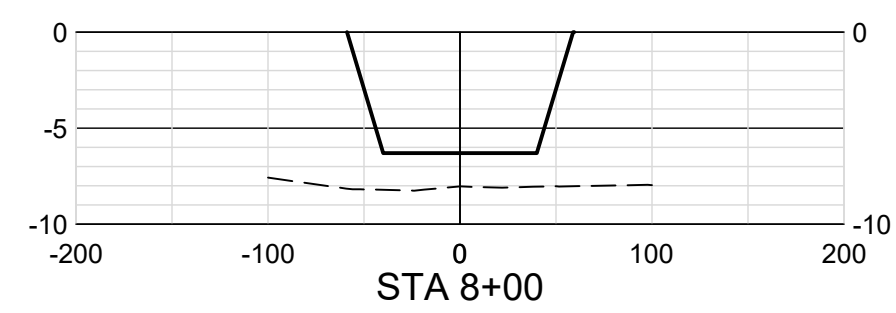
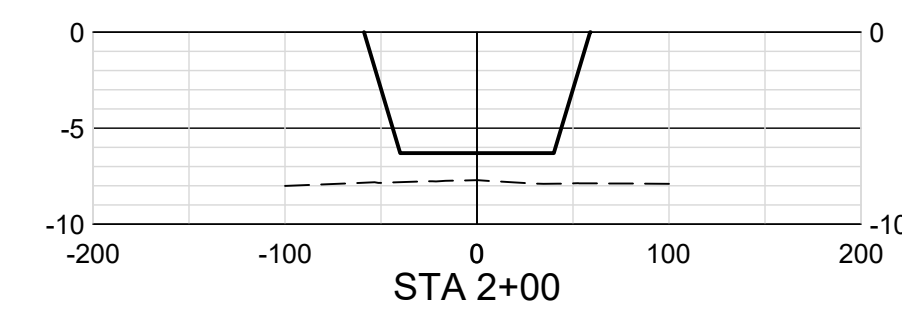
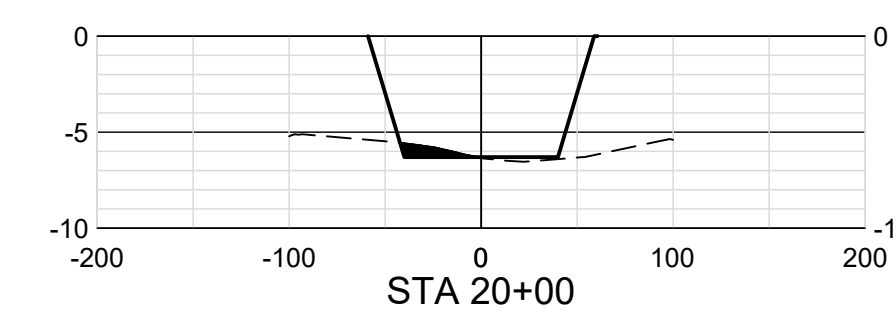
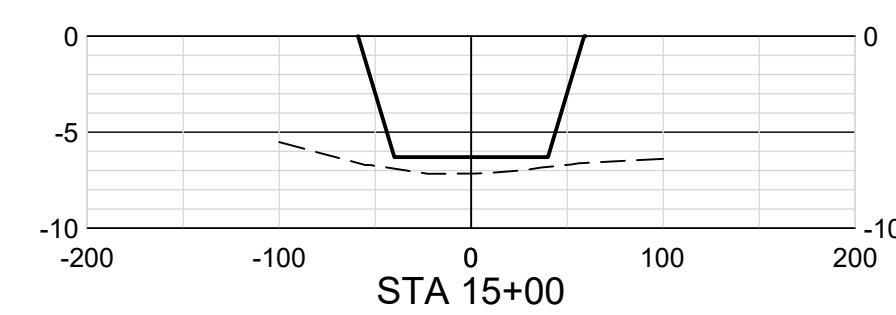
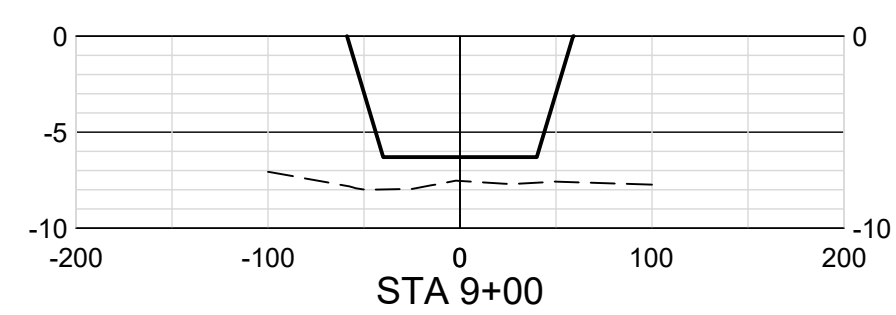
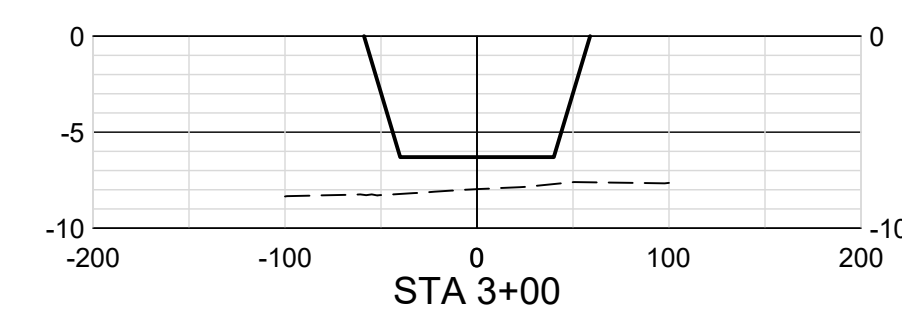
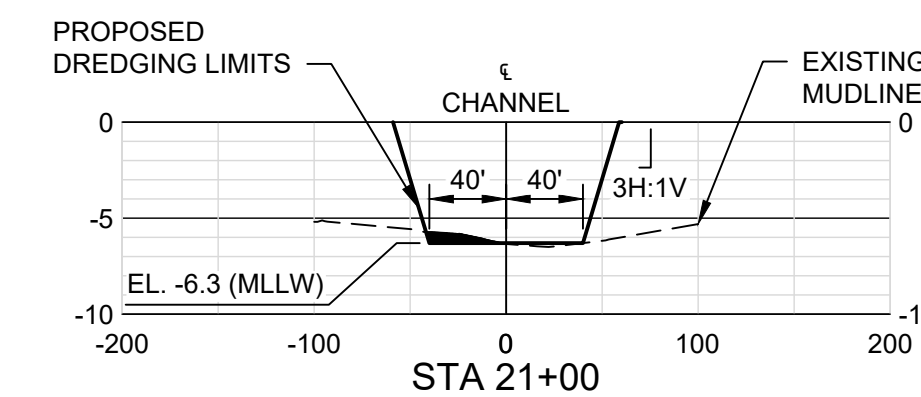
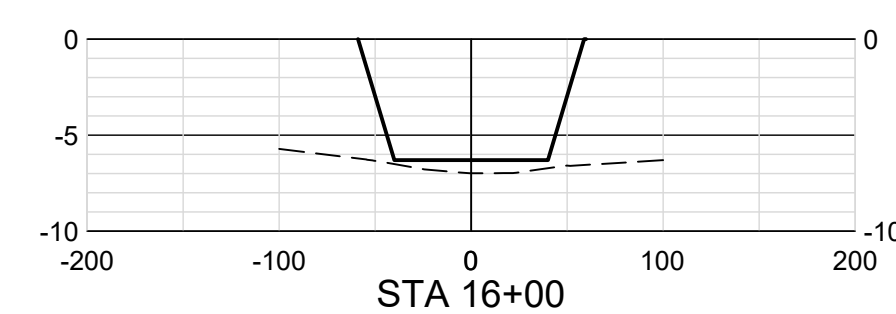
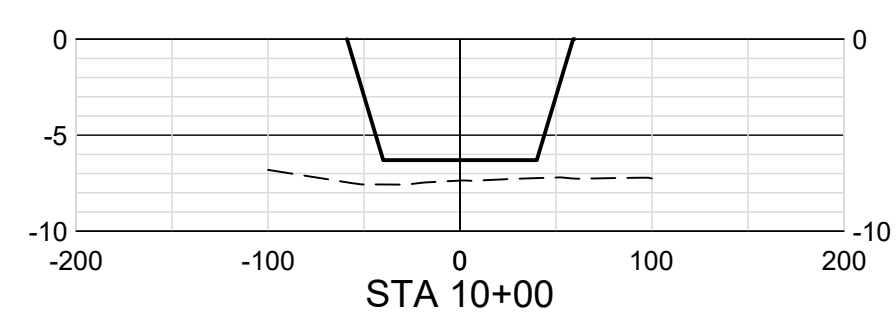
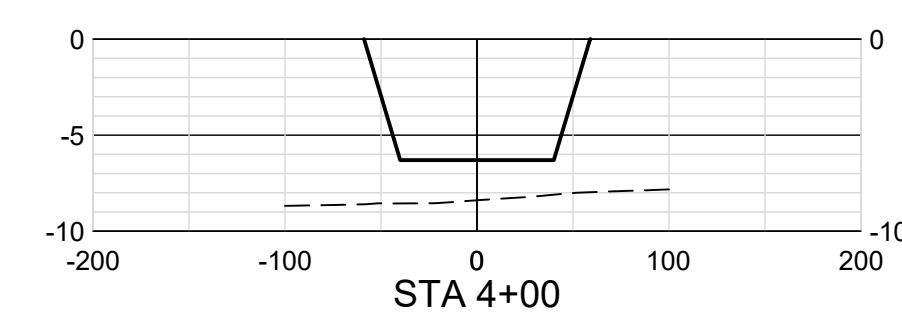


ENLARGED LAYOUT (13 OF 13)

0 1" 2"

FILENAME | 00C-14.dwg
SCALE | 1" = 100'

SHEET | 16



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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ENGINEER: DANIEL E. GARZA
LICENSE NO.: 104628
DATE: 02/18/2022

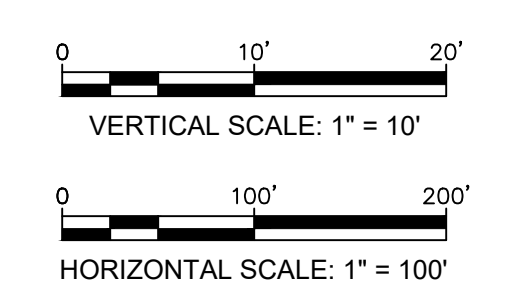
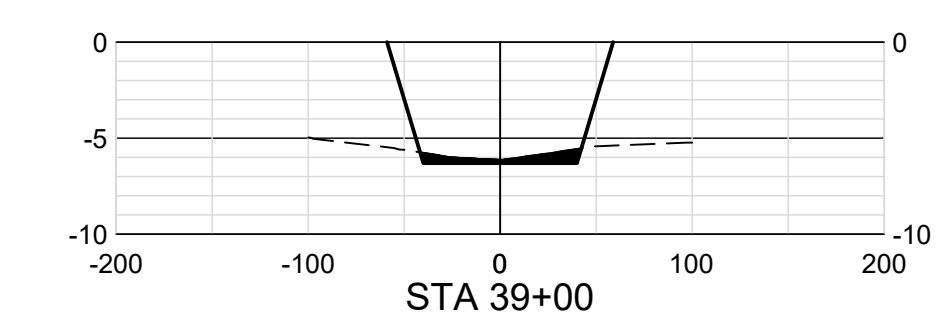
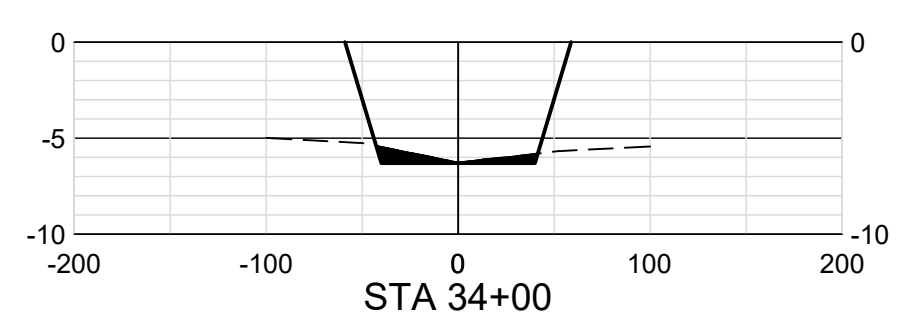
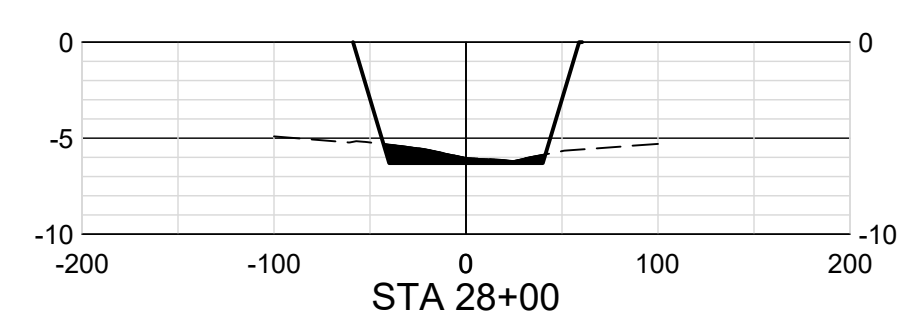
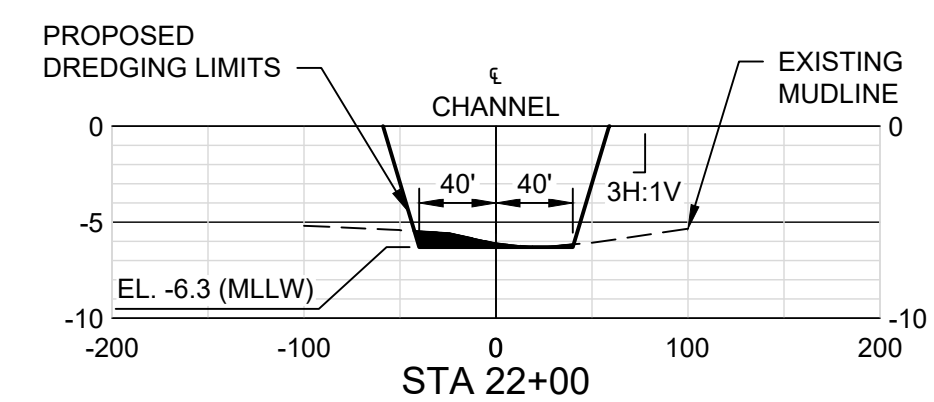
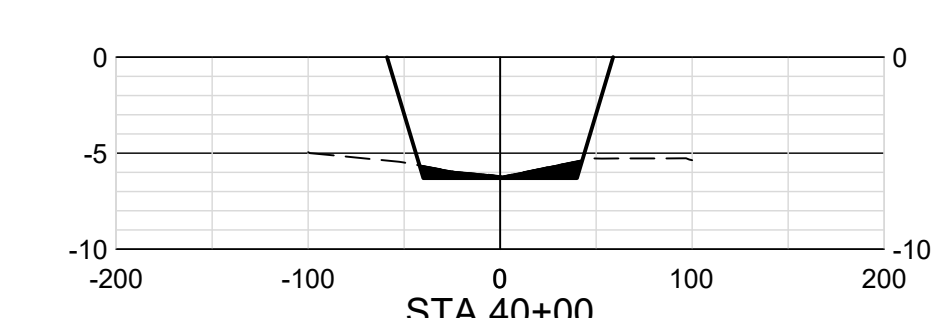
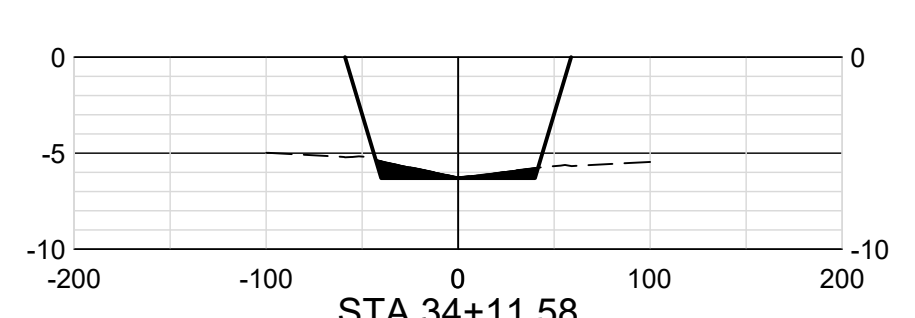
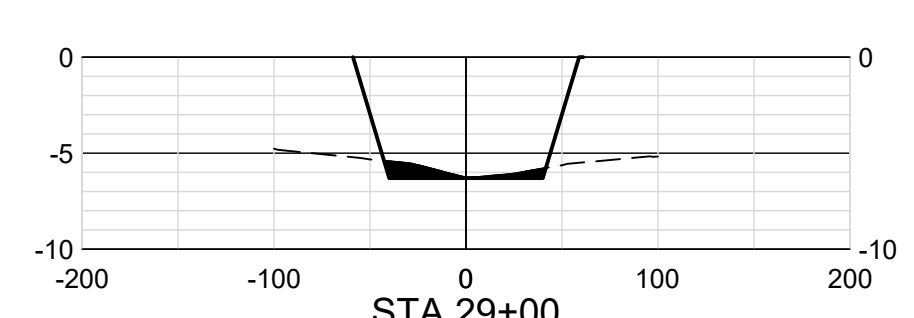
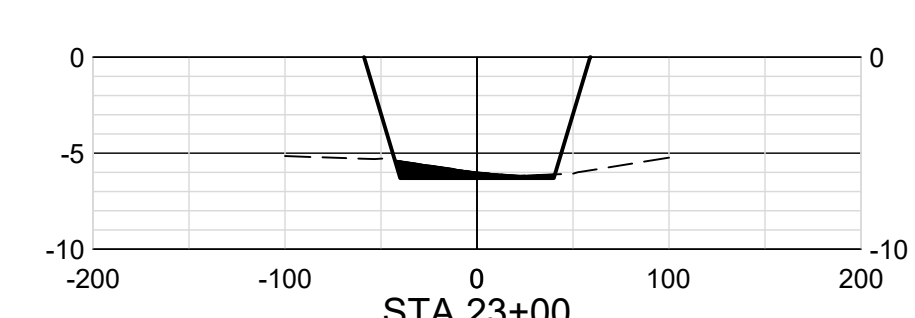
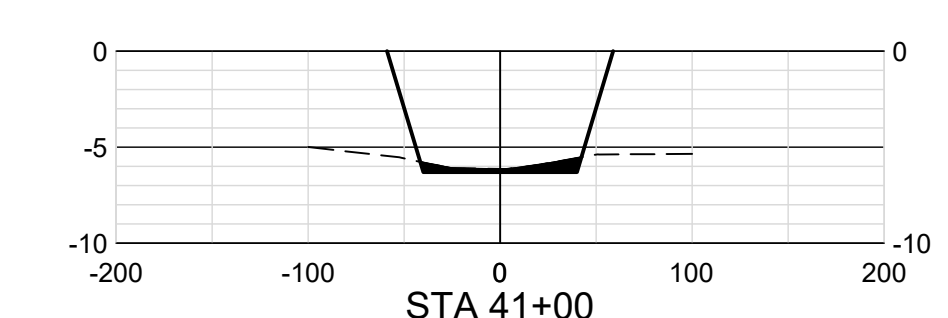
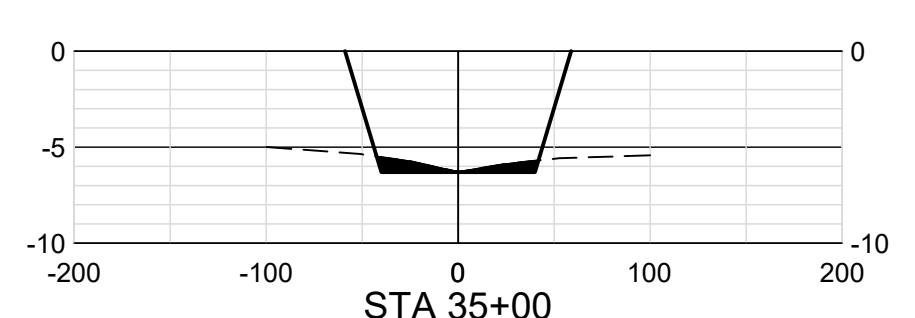
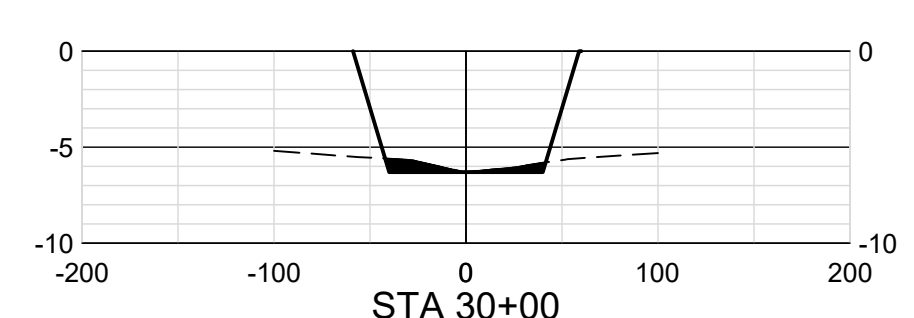
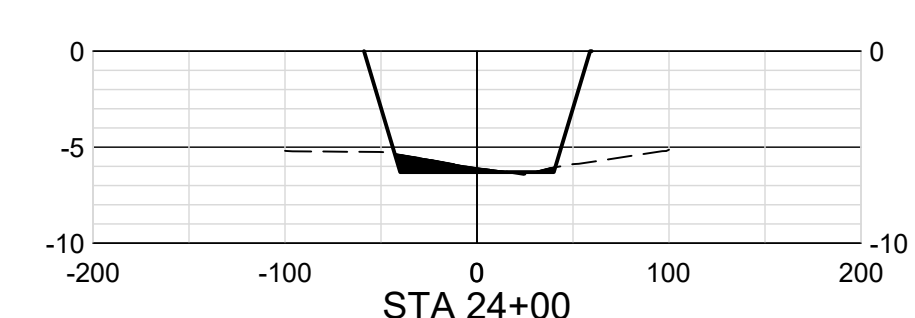
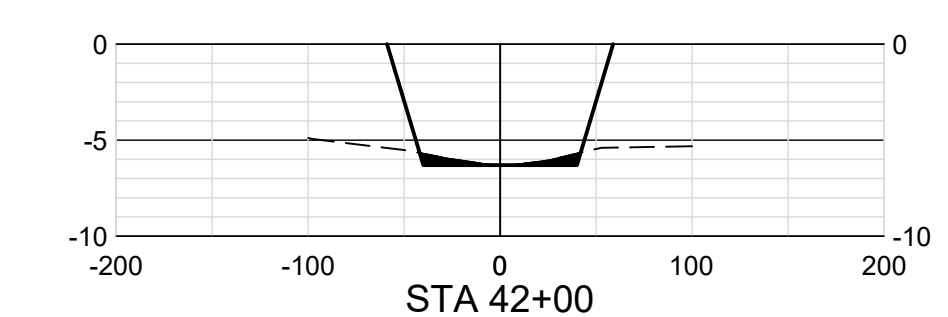
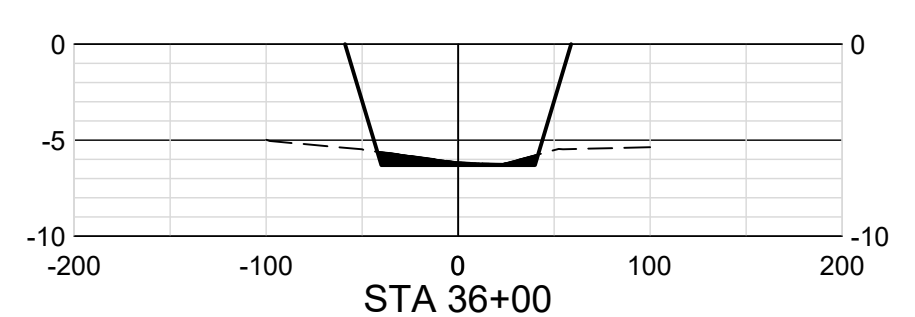
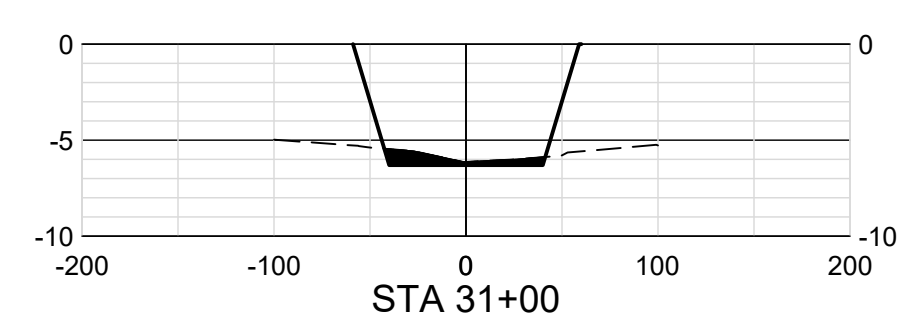
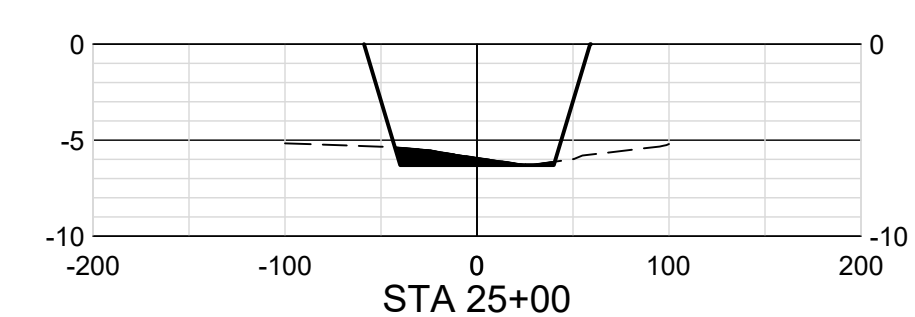
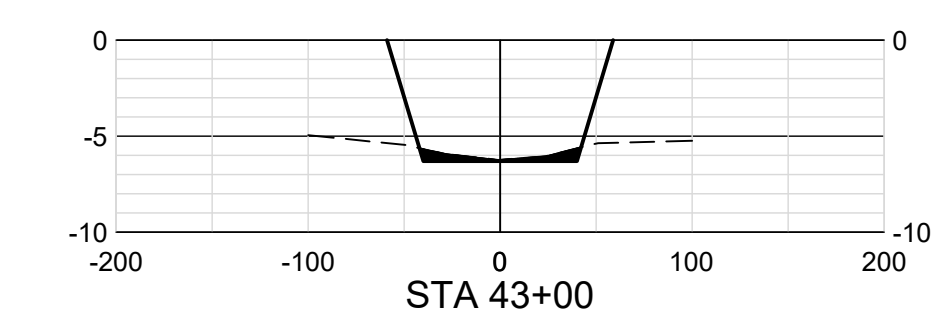
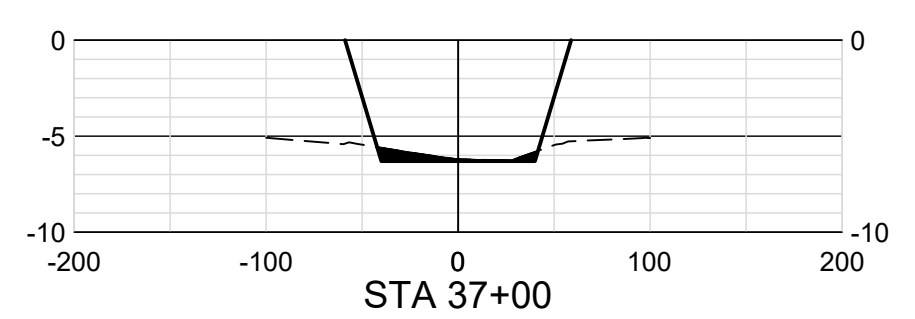
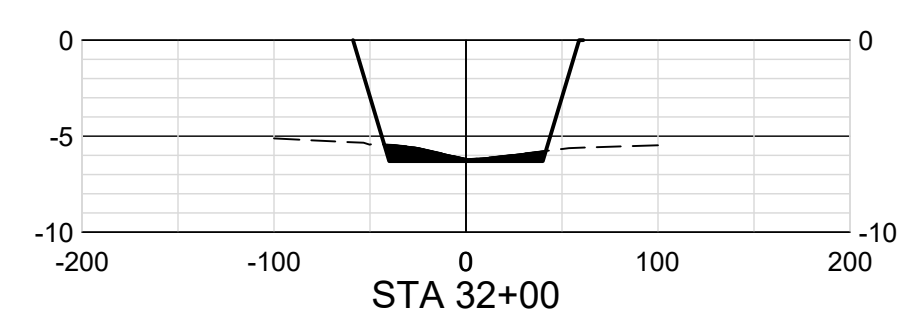
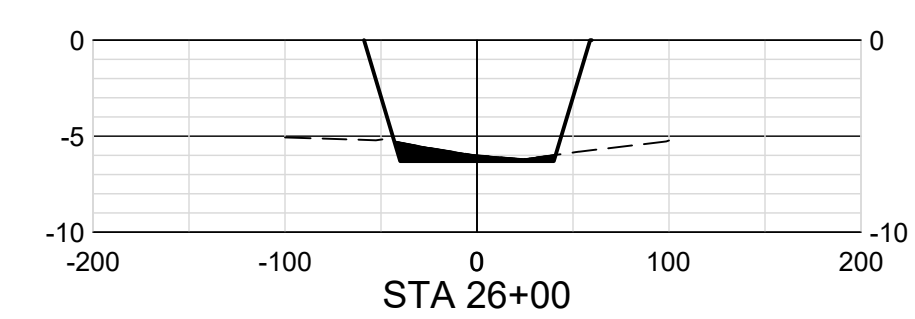
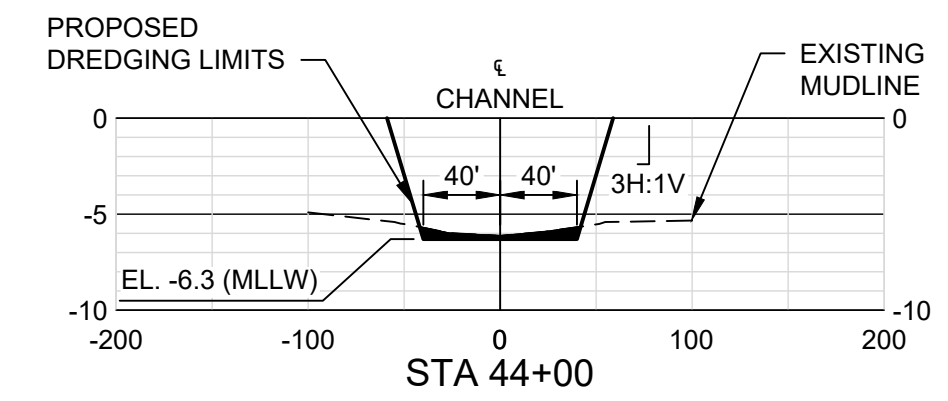
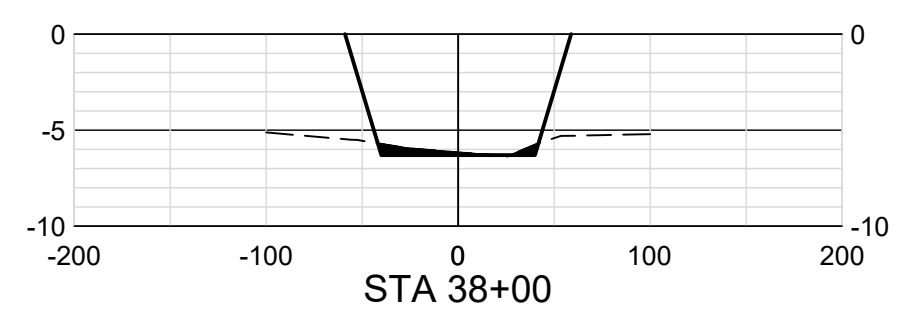
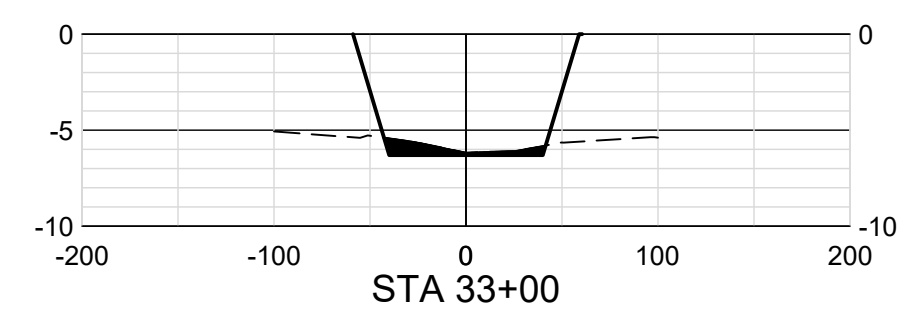
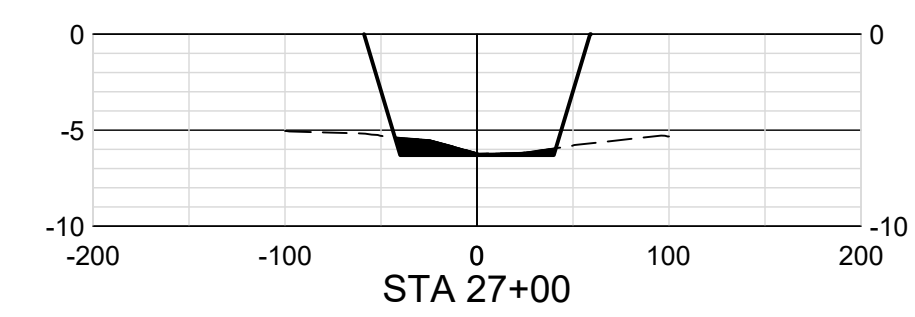


CROSS SECTIONS (1 OF 11)



FILENAME: 00C-XS01100.dwg
SCALE: 1" = 100'

SHEET 17



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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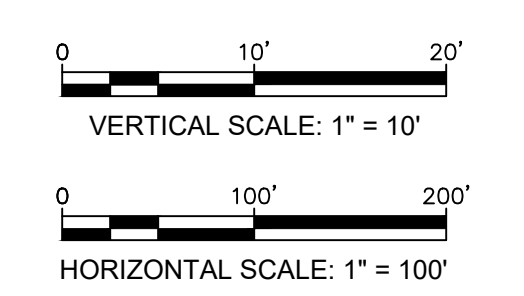
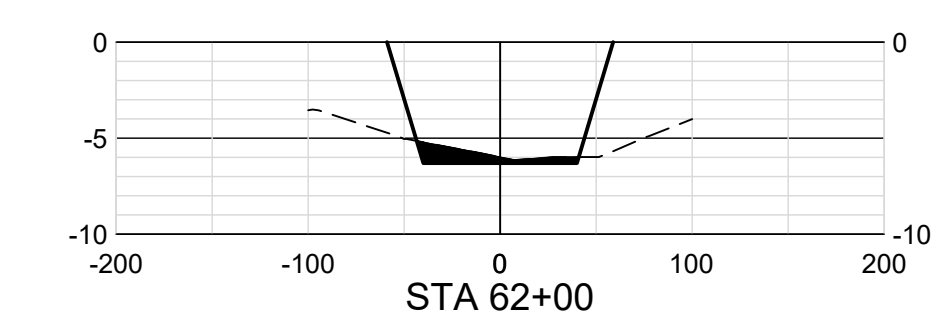
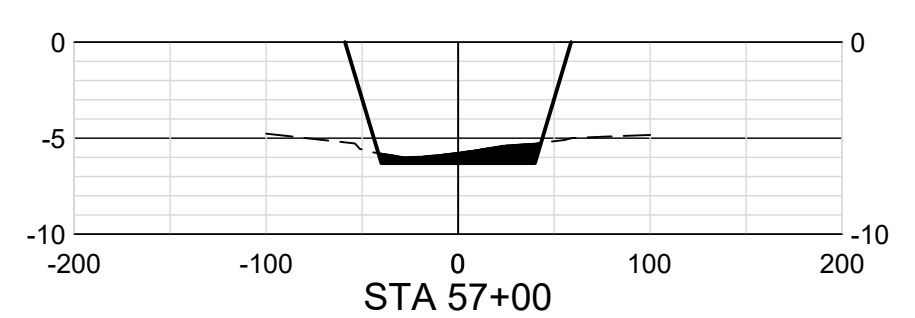
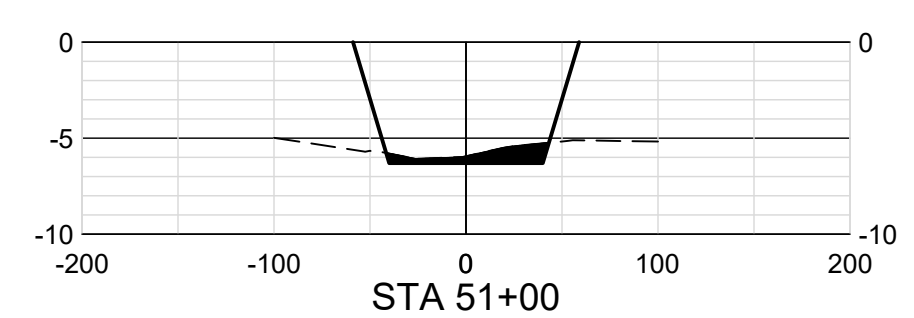
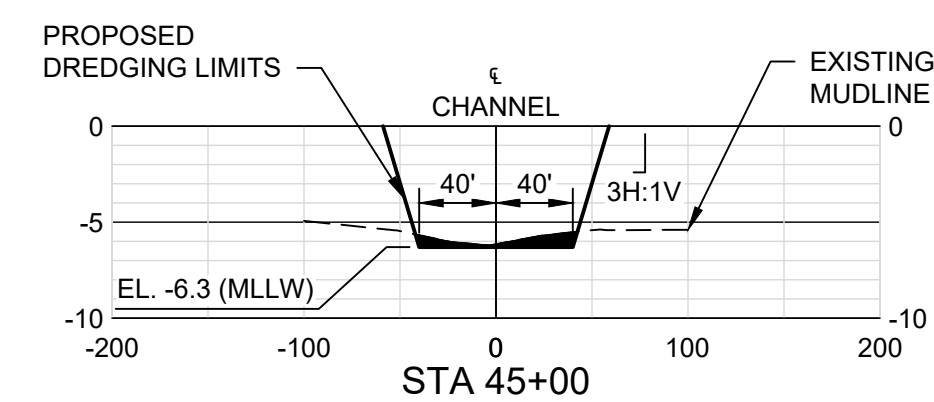
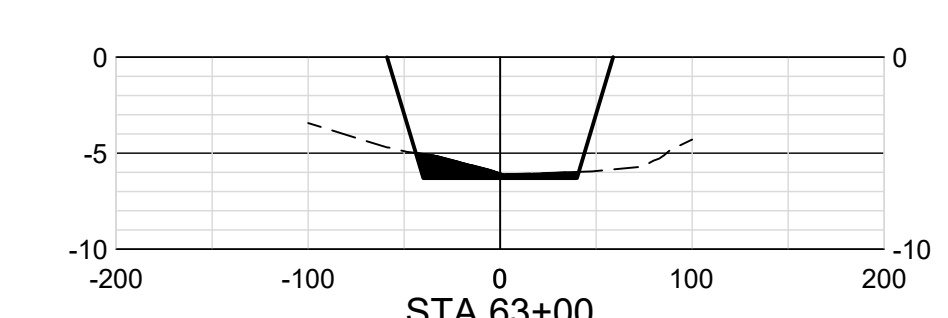
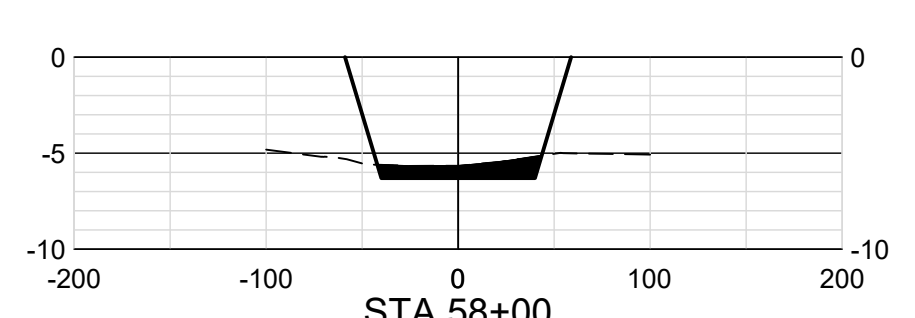
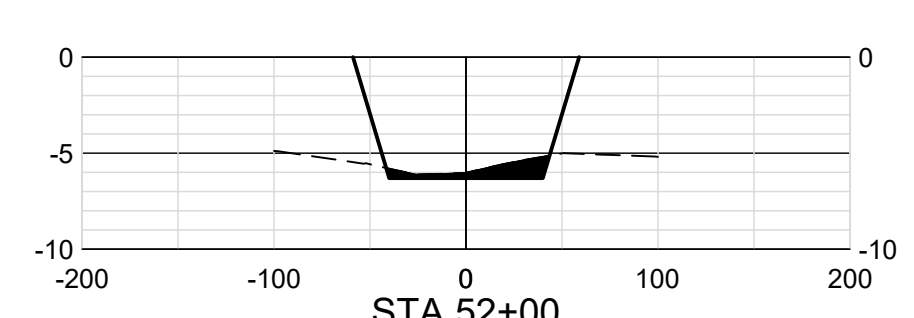
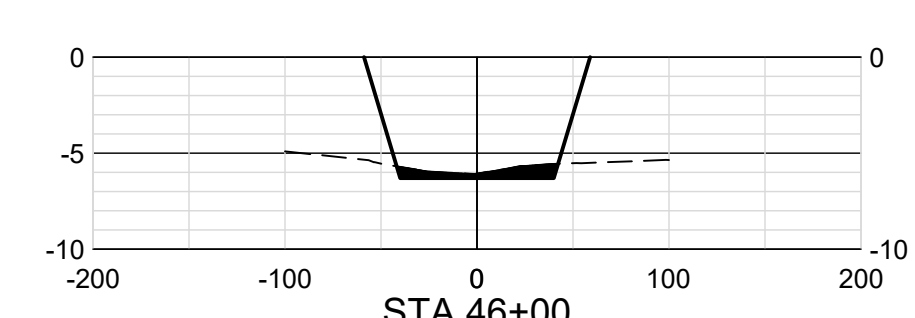
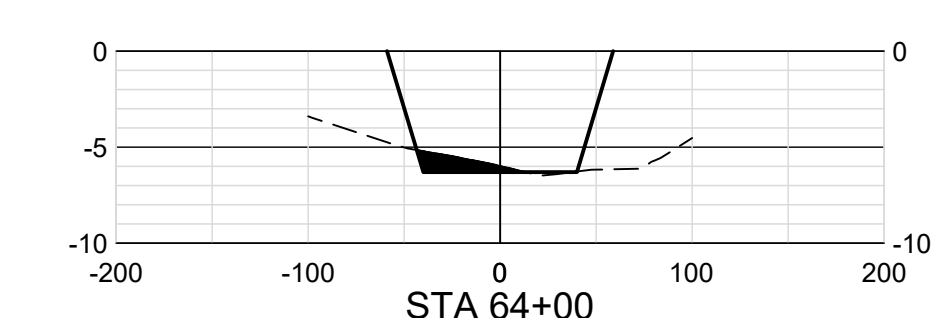
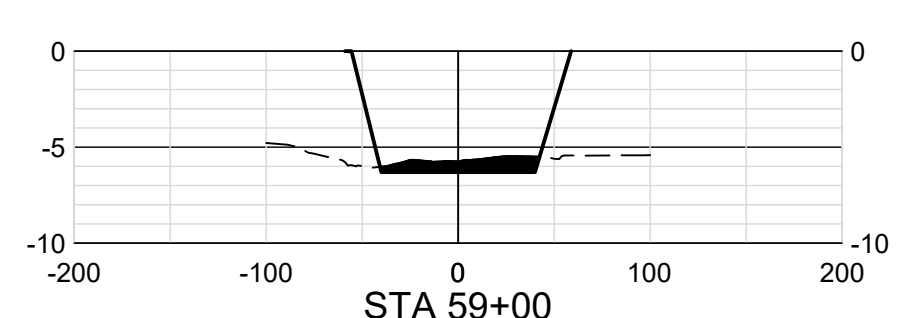
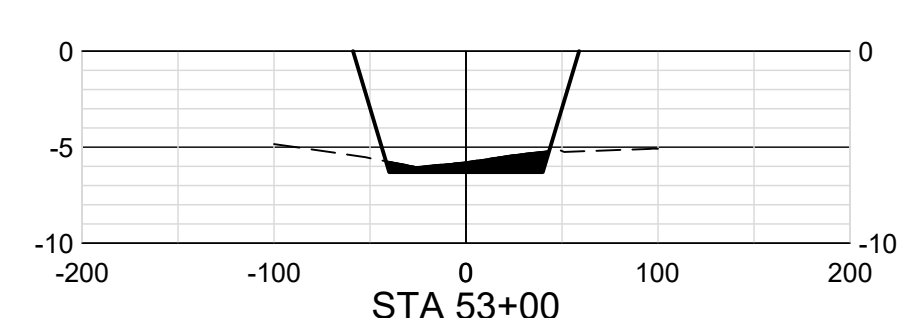
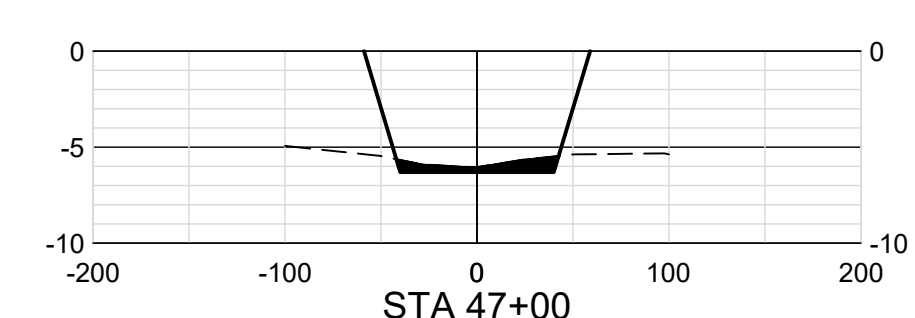
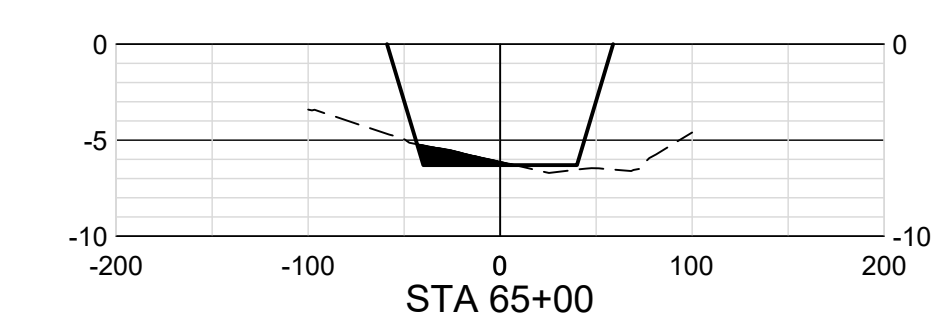
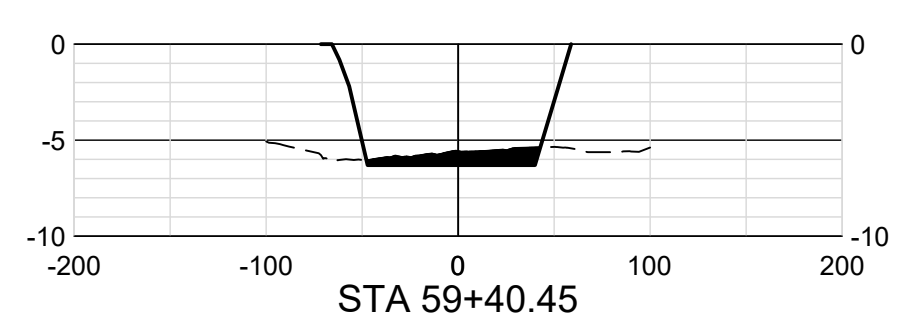
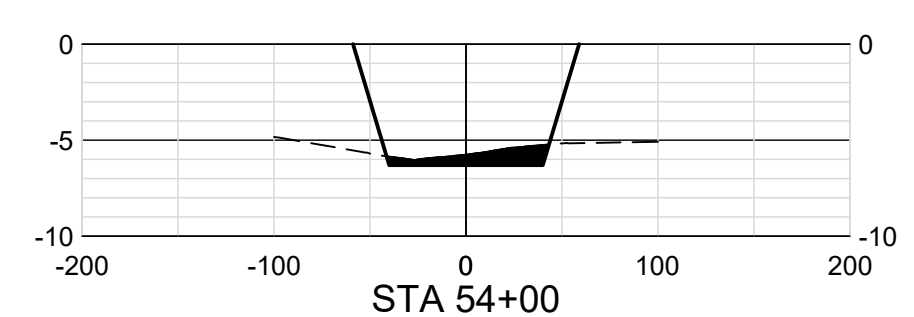
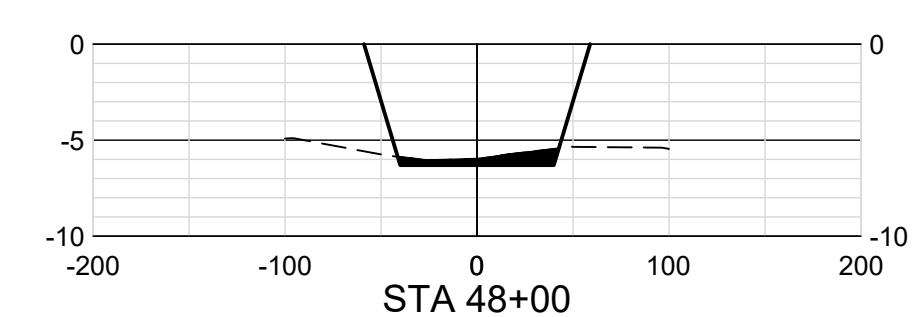
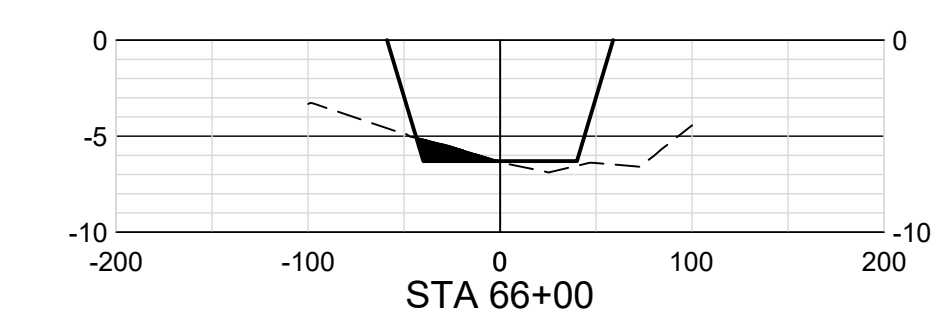
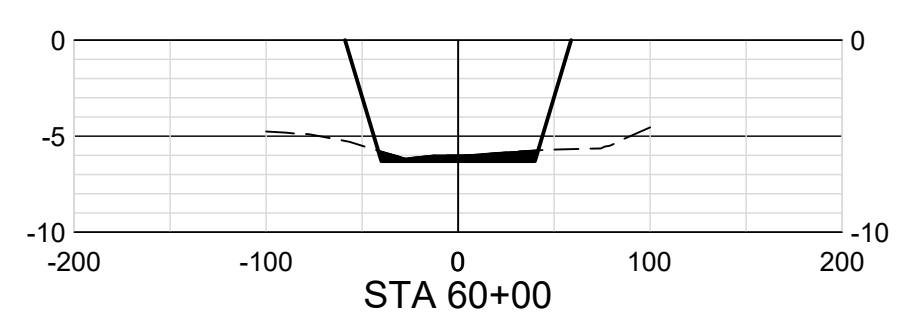
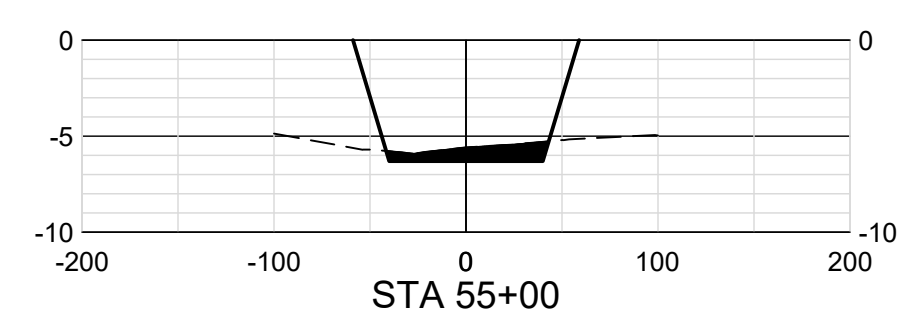
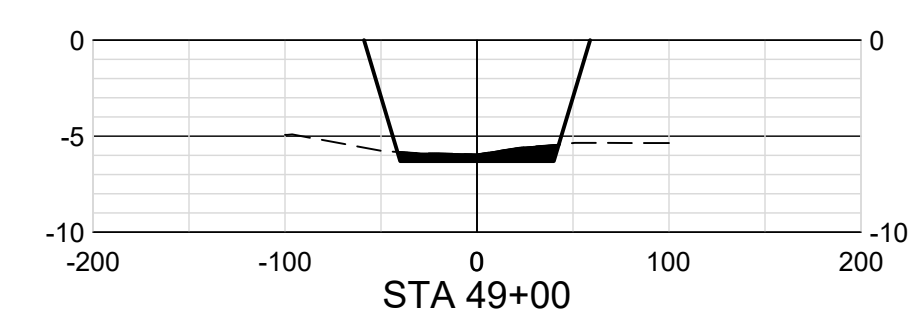
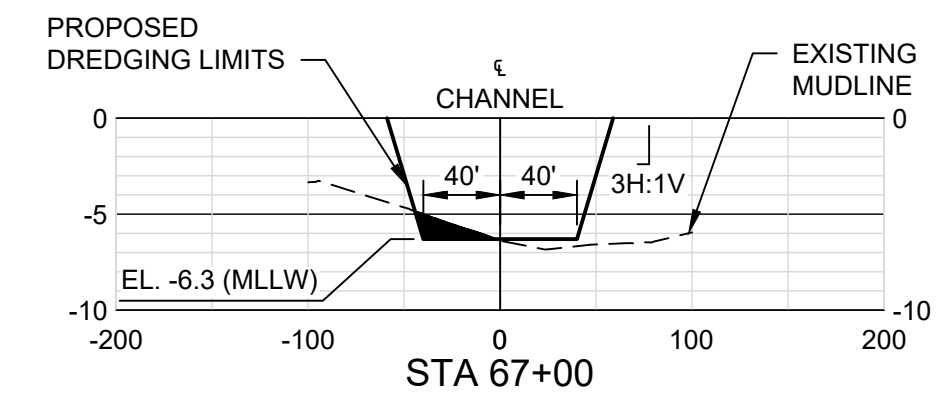
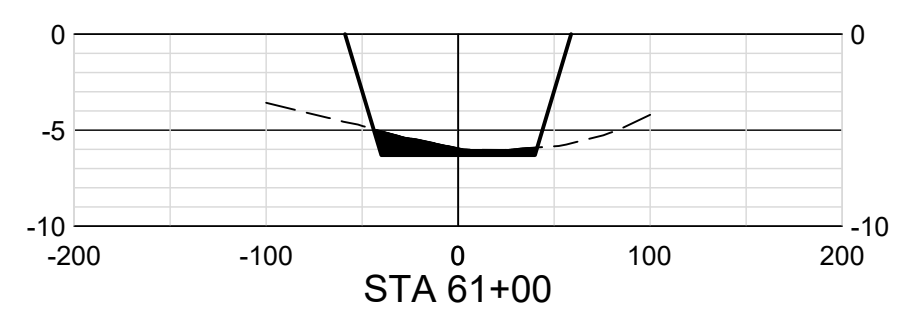
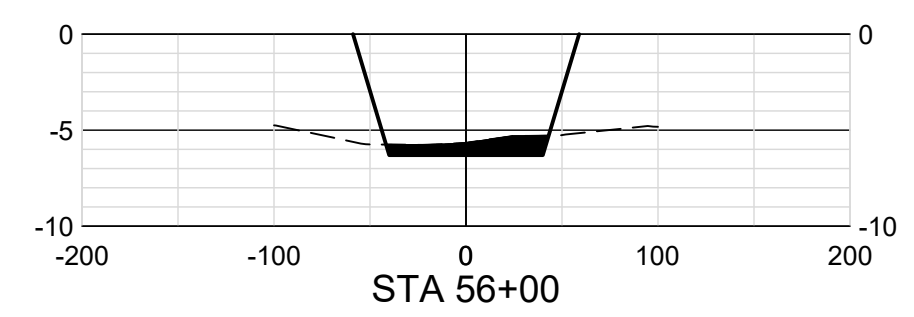
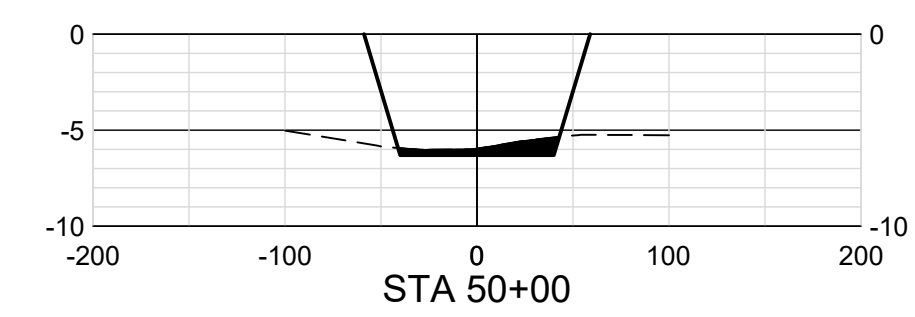
ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022



CROSS SECTIONS (2 OF 11)

FILENAME: 00C-XS01100.dwg
 SCALE: 1" = 100'

SHEET **18**



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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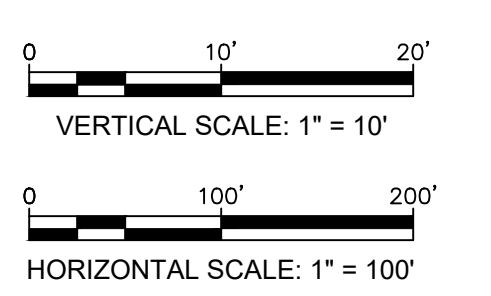
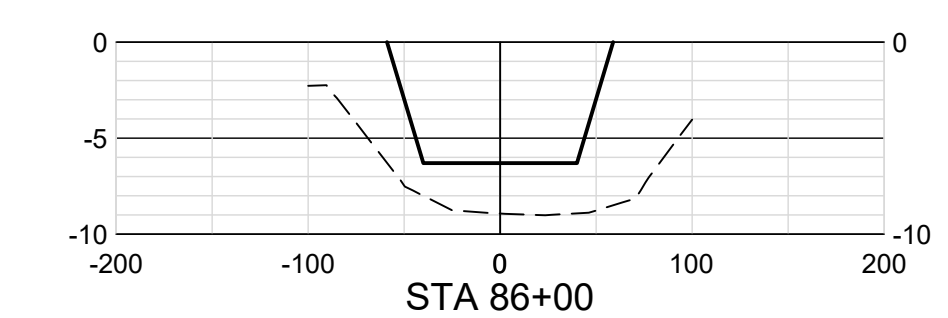
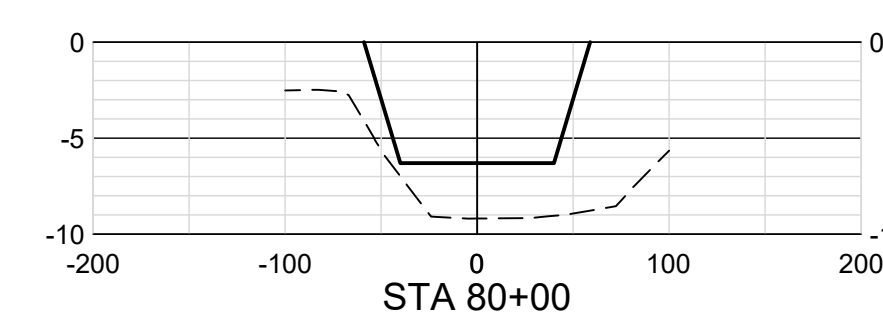
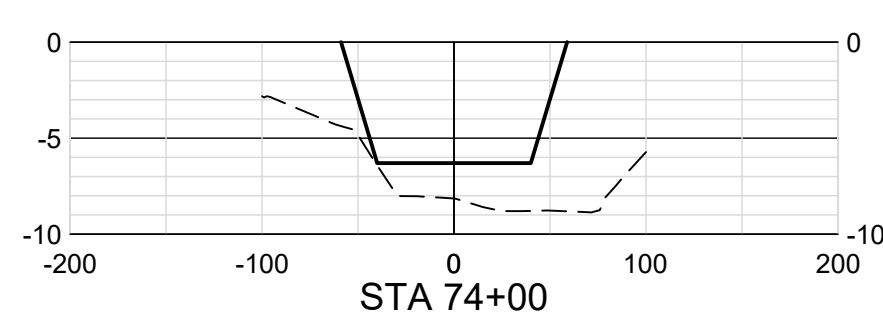
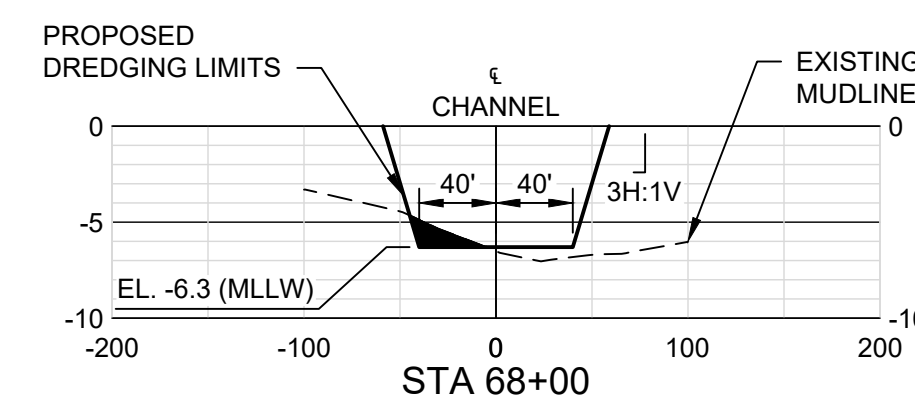
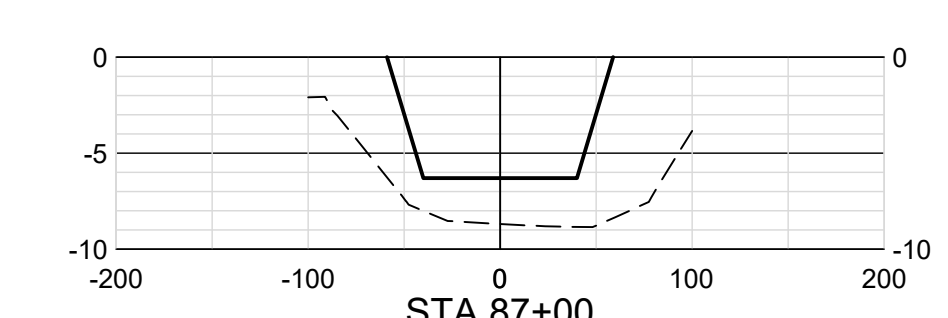
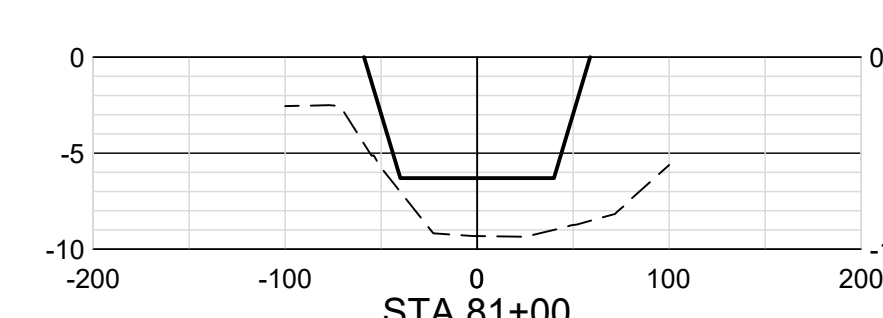
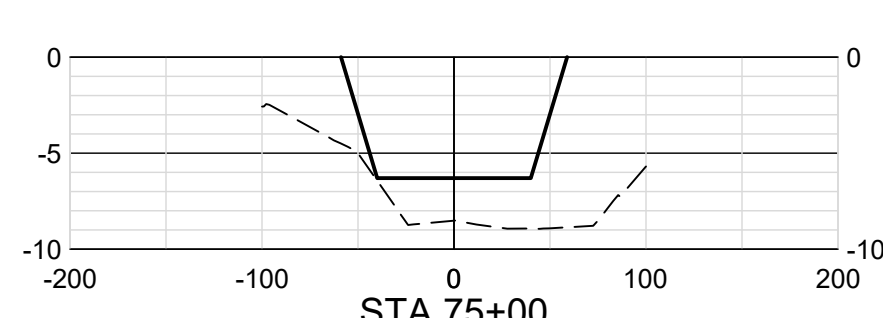
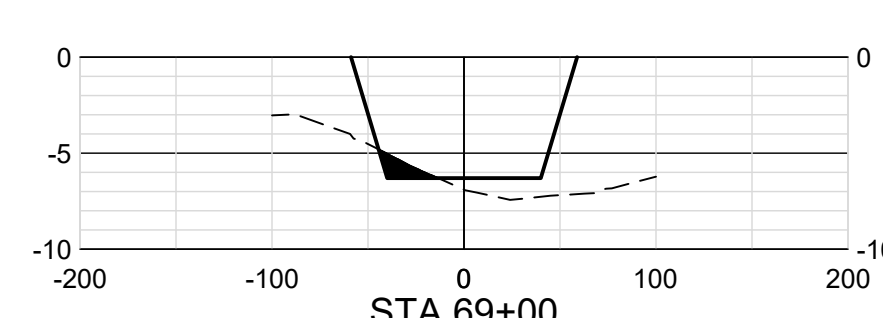
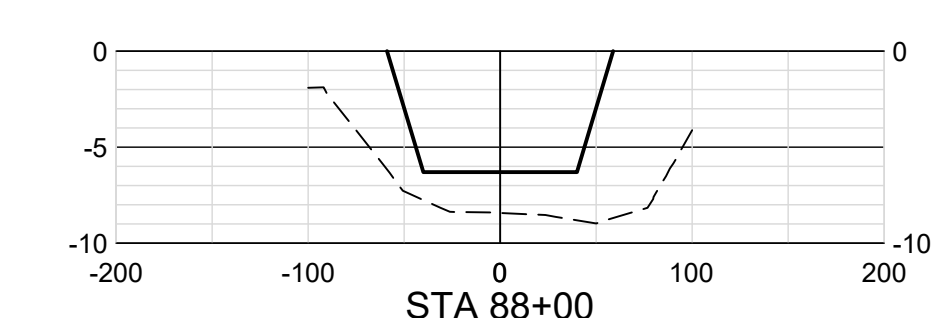
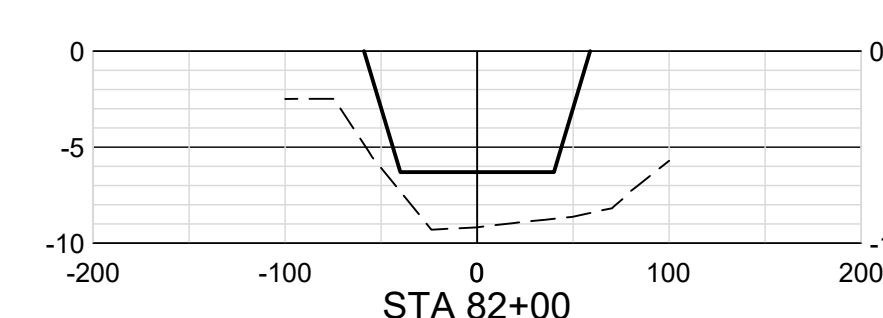
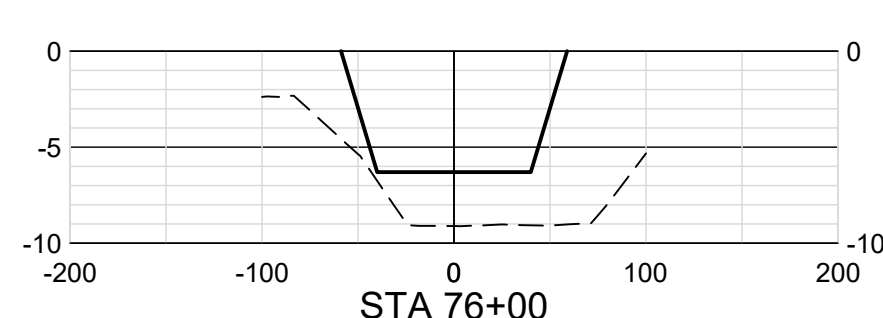
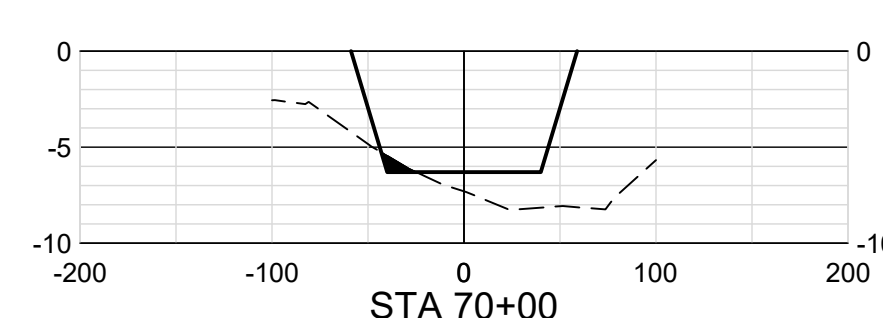
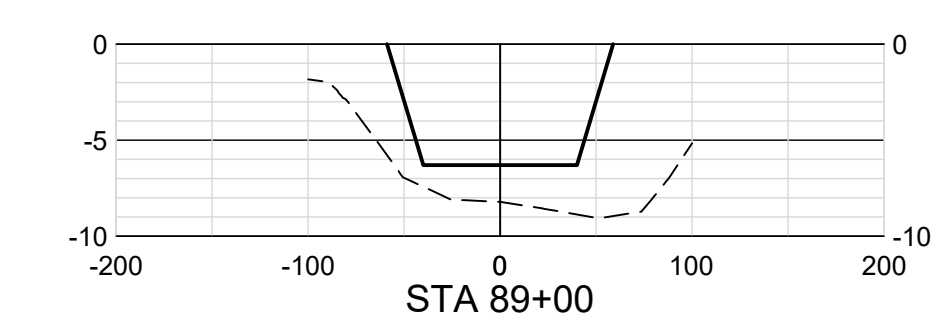
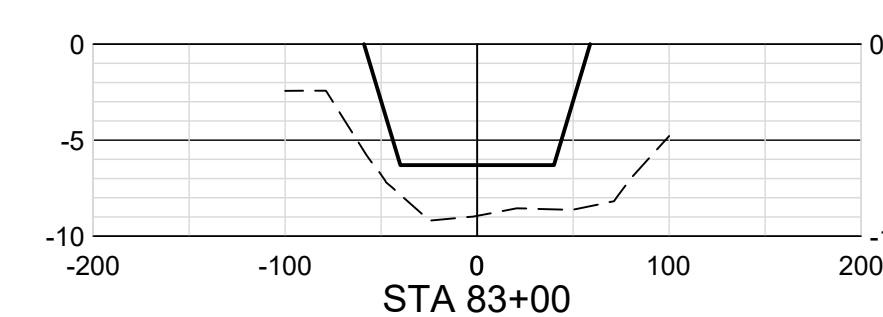
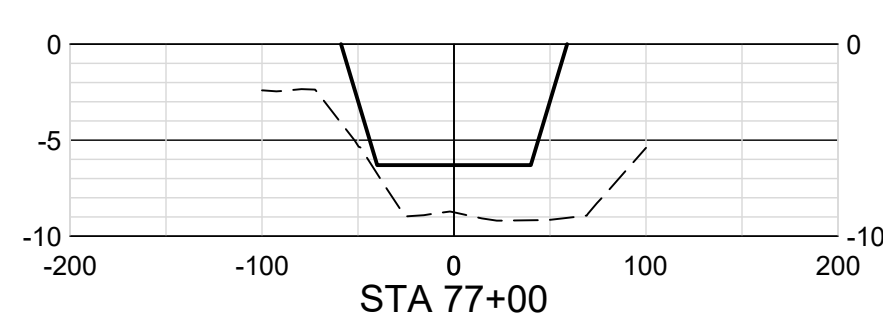
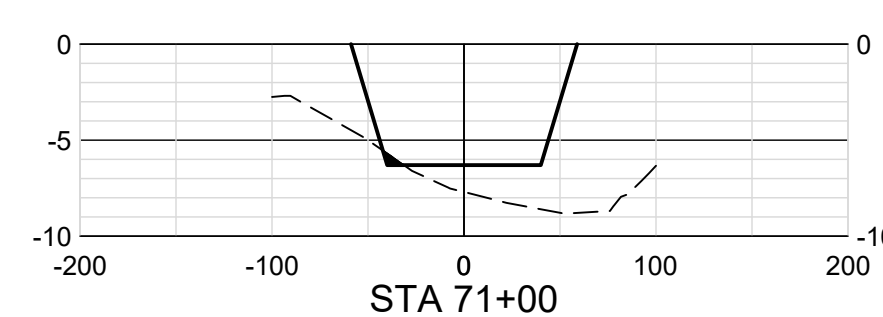
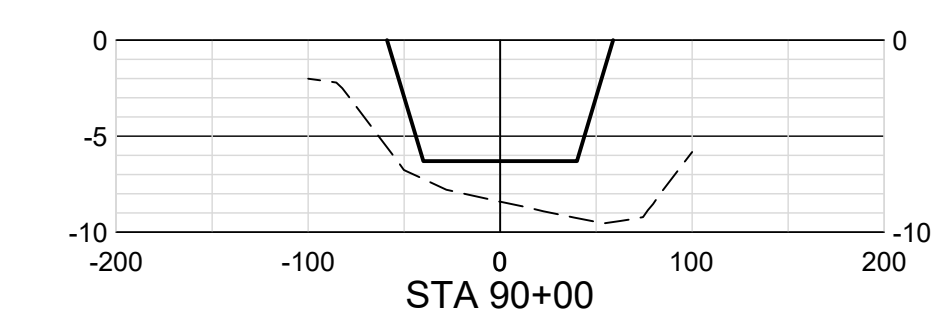
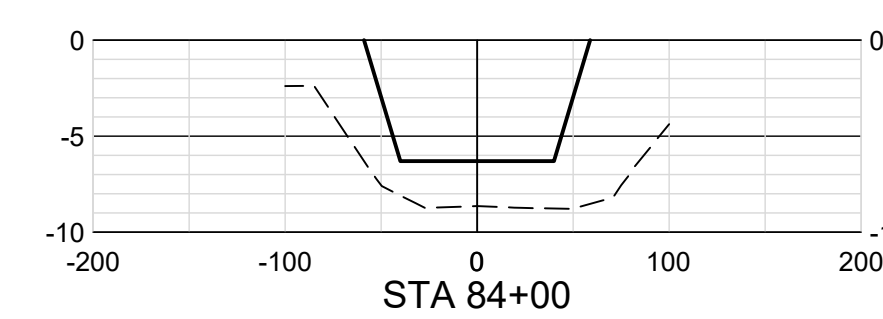
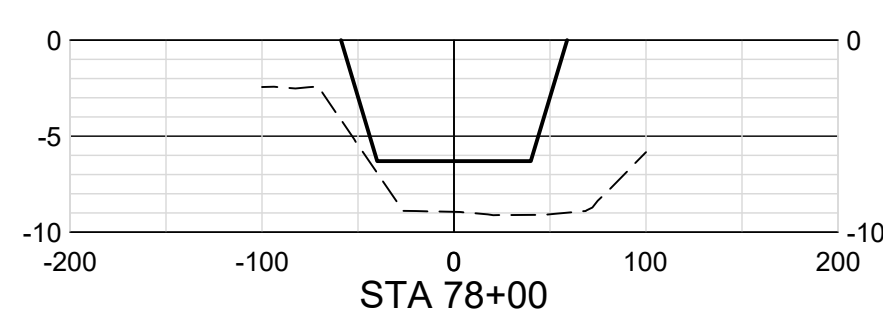
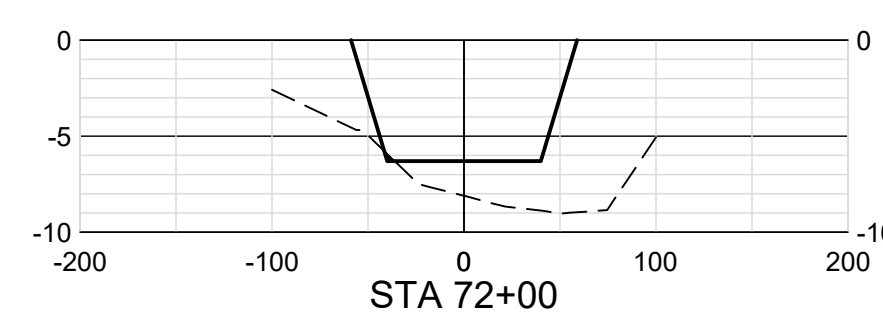
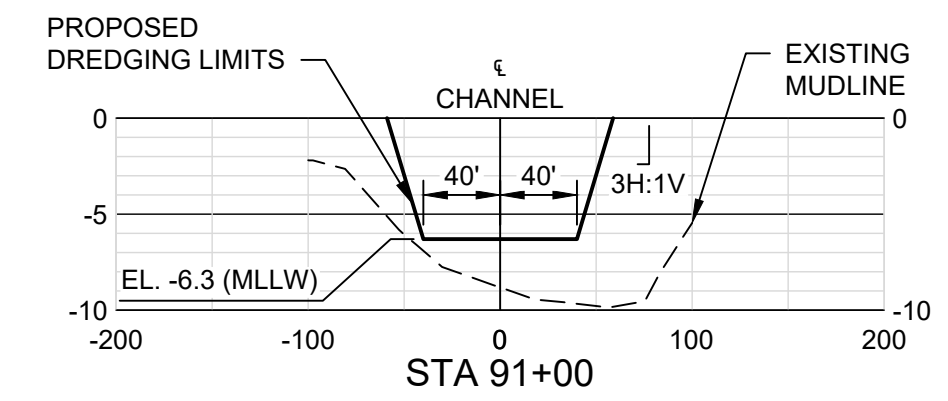
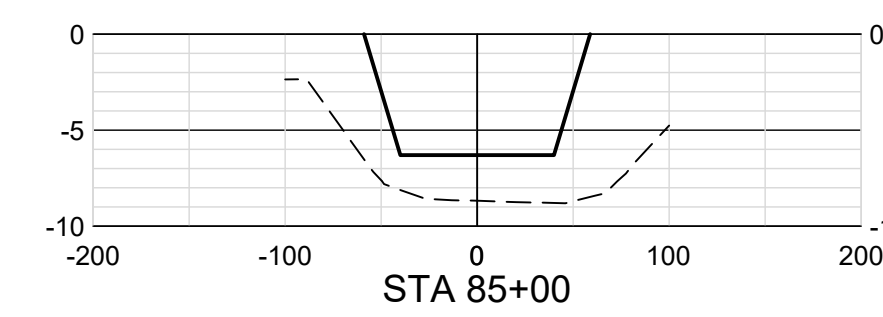
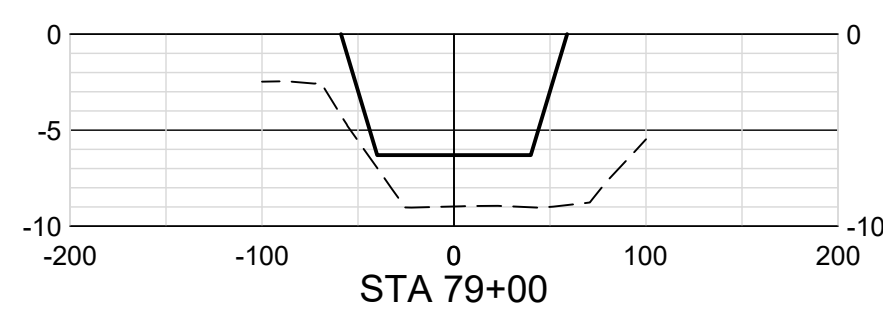
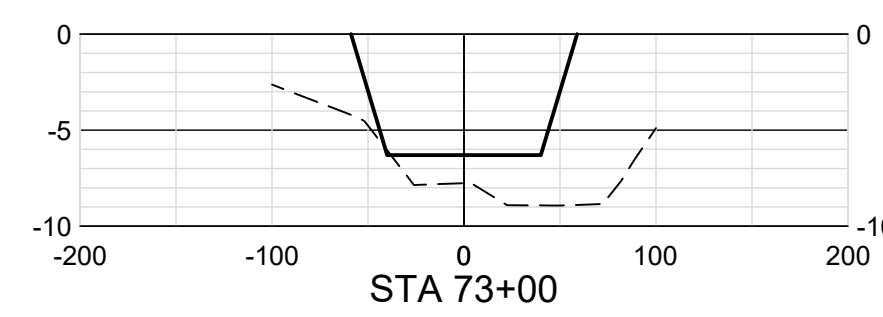
ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022



CROSS SECTIONS (3 OF 11)

FILENAME: 00C-XS01100.dwg
 SCALE: 1" = 100'

SHEET **19**



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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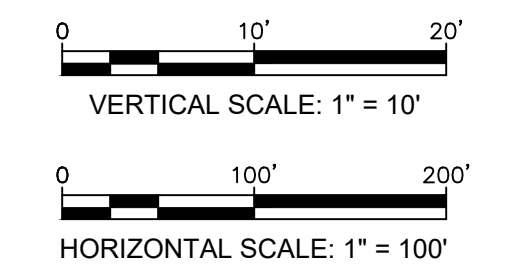
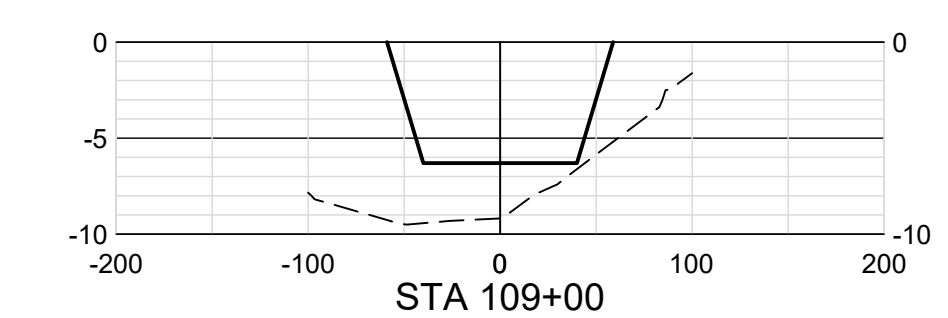
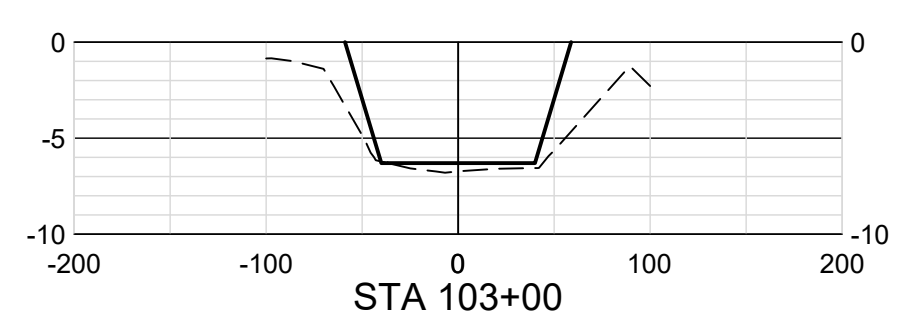
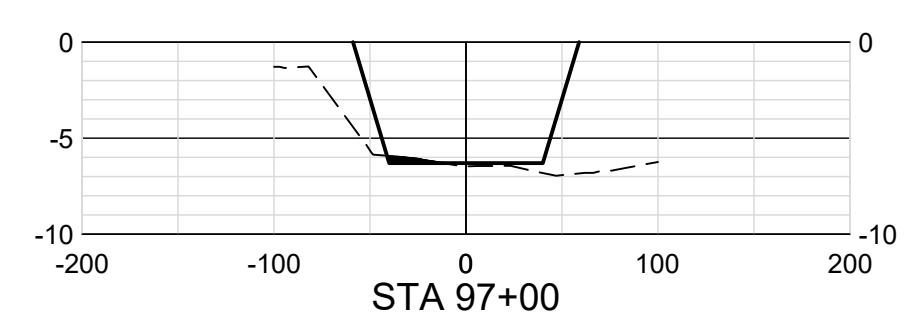
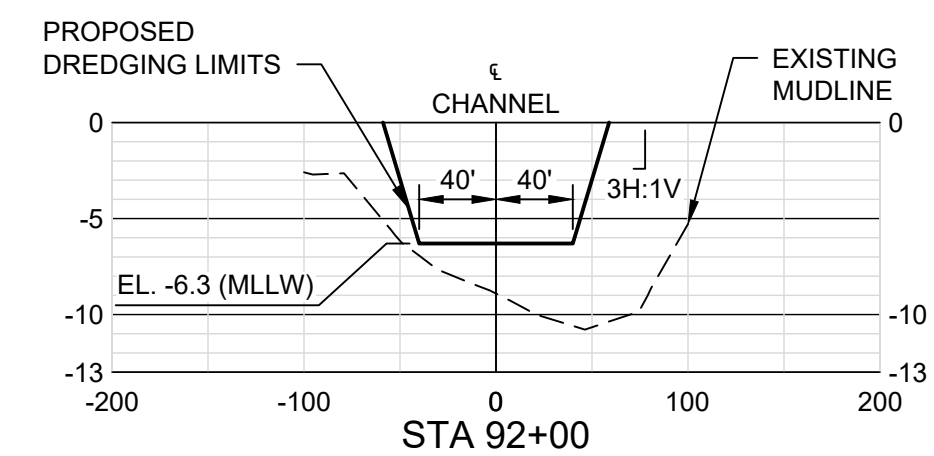
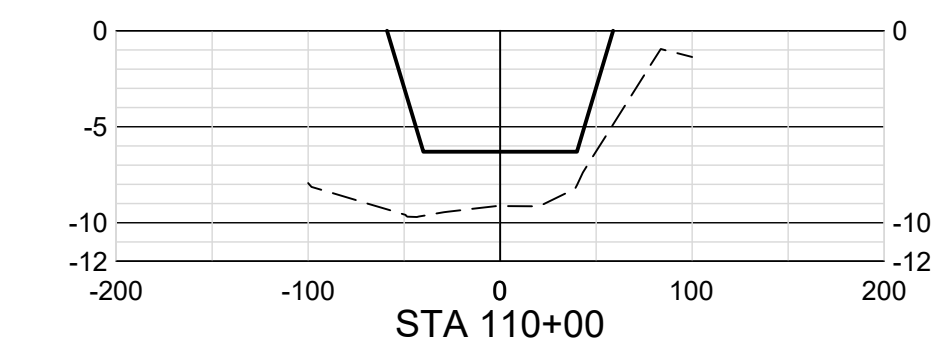
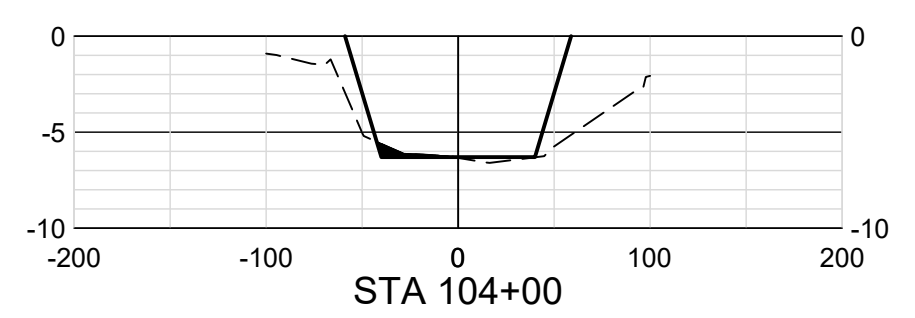
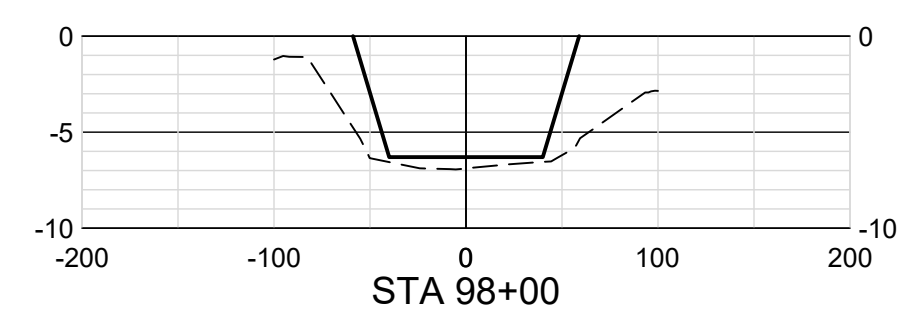
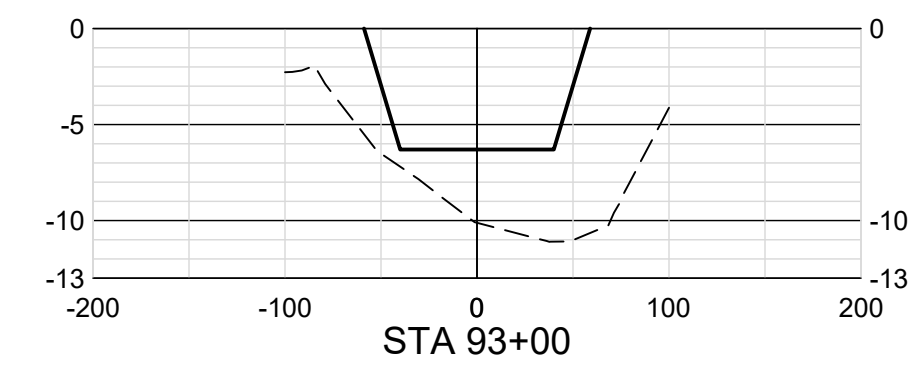
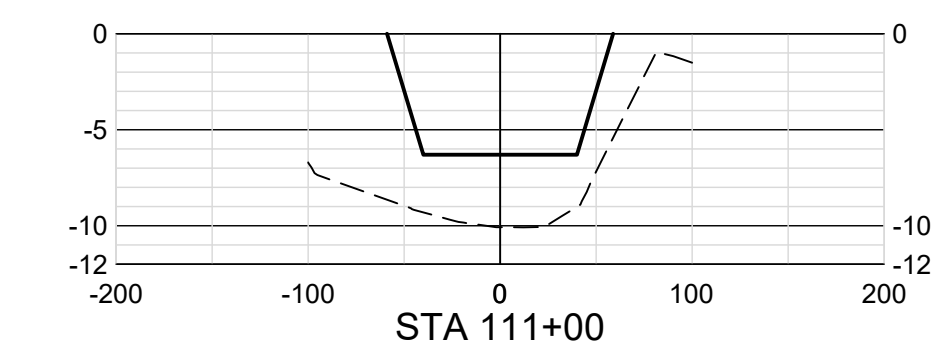
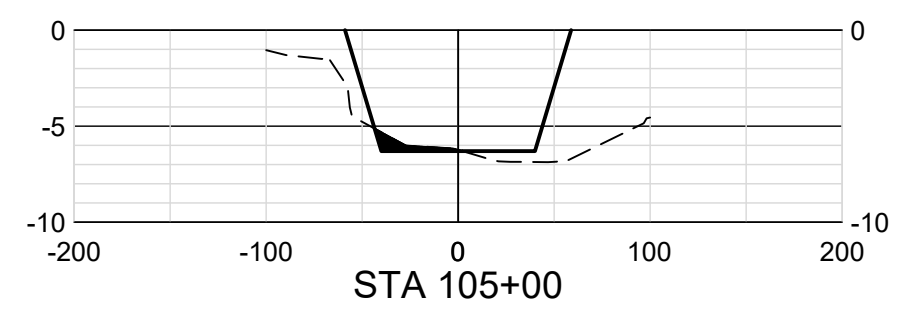
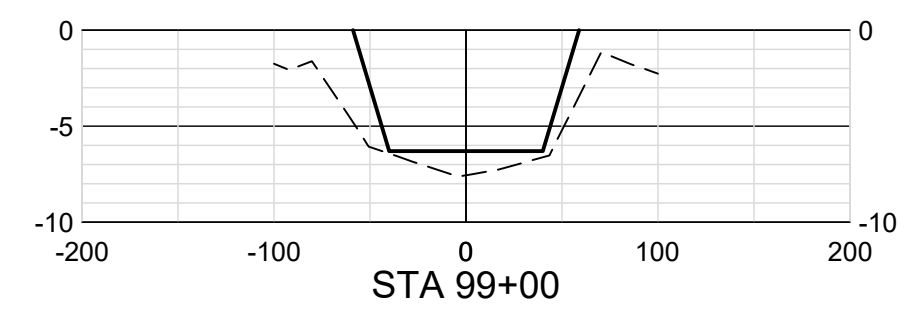
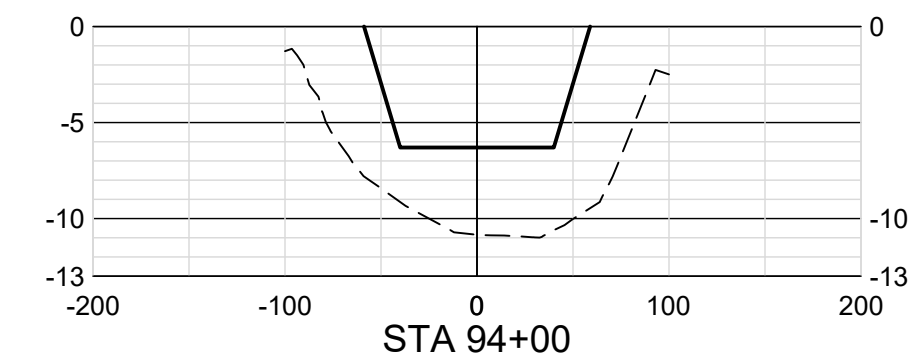
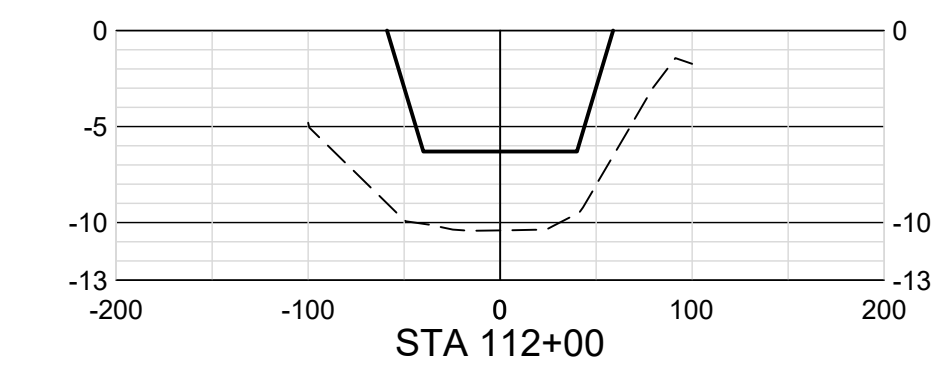
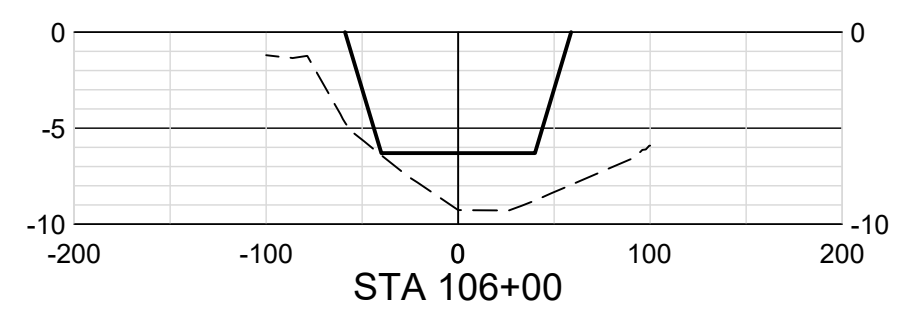
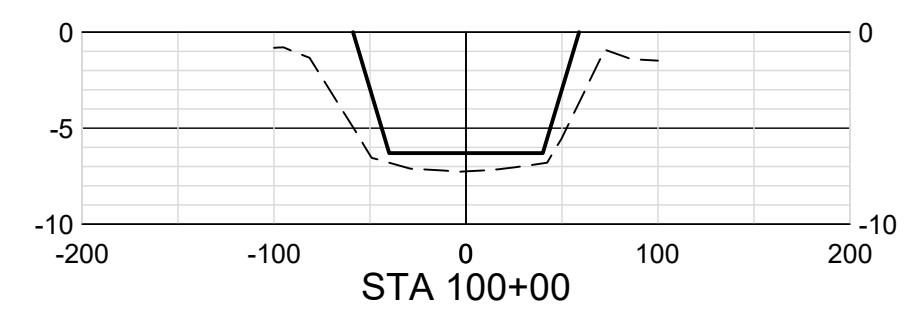
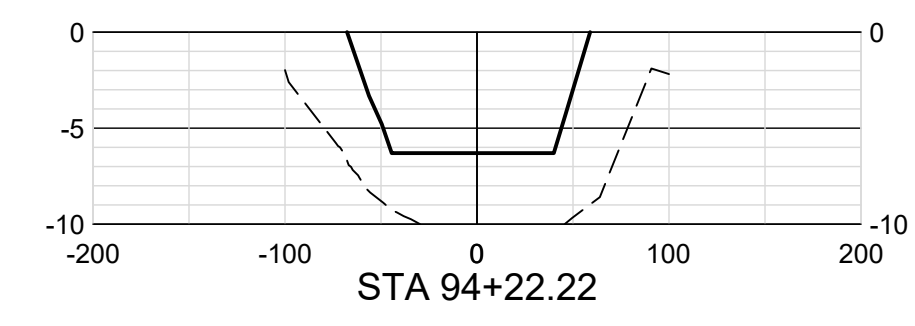
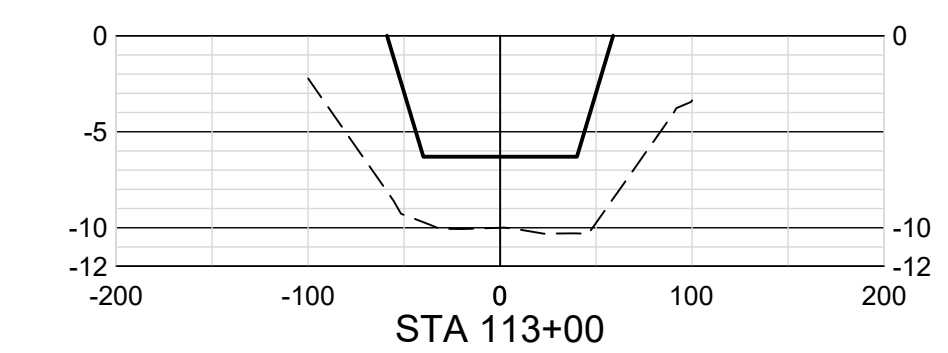
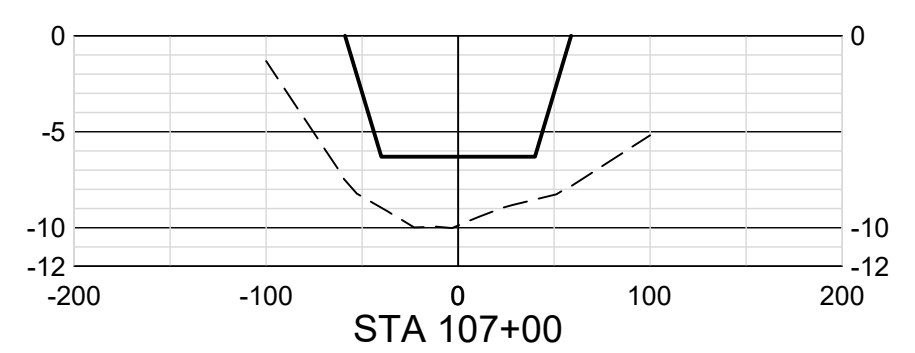
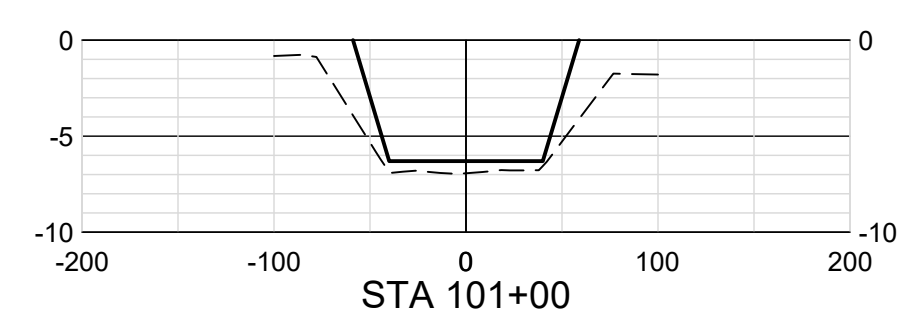
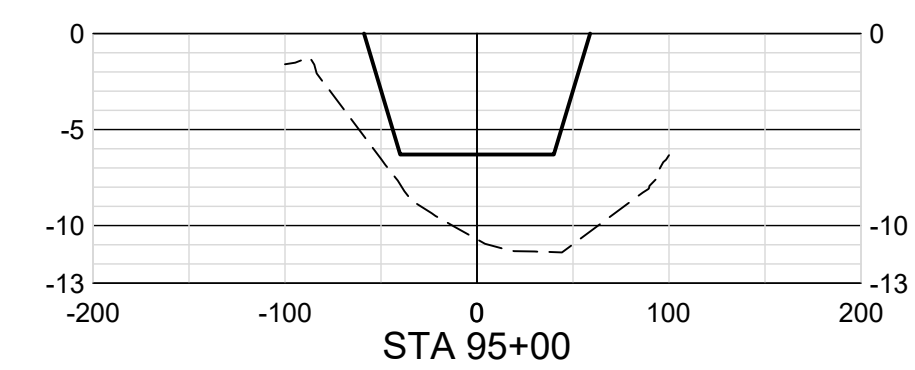
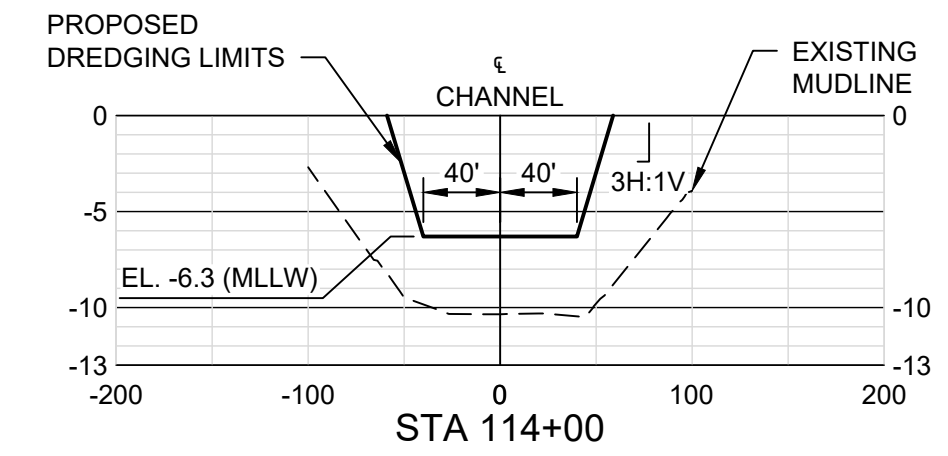
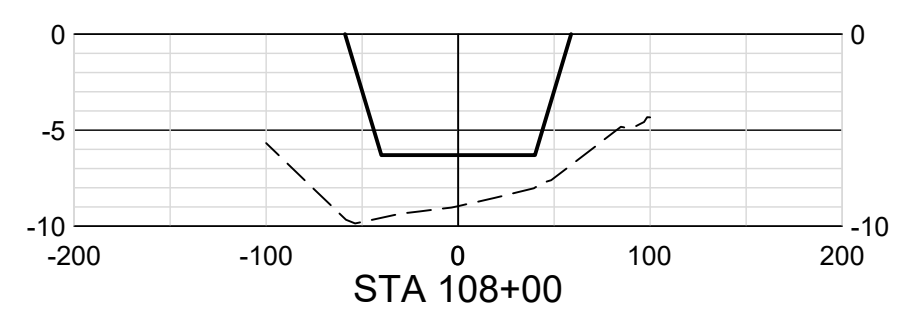
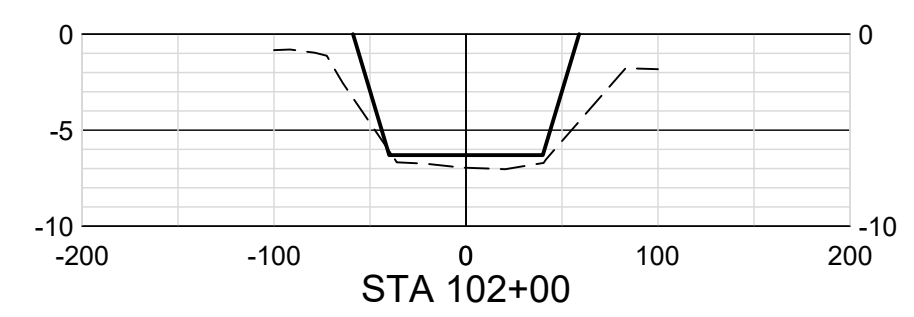
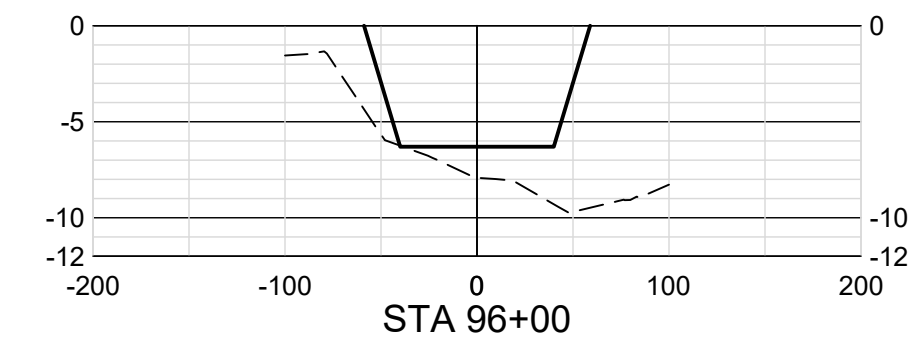
ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022



CROSS SECTIONS (4 OF 11)

FILENAME: 00C-XS01100.dwg
 SCALE: 1" = 100'

SHEET **20**



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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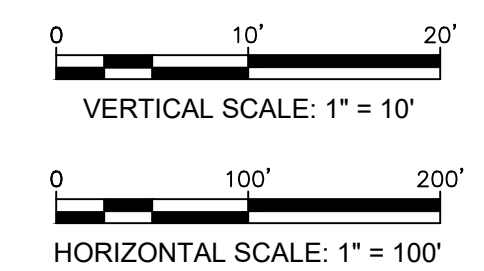
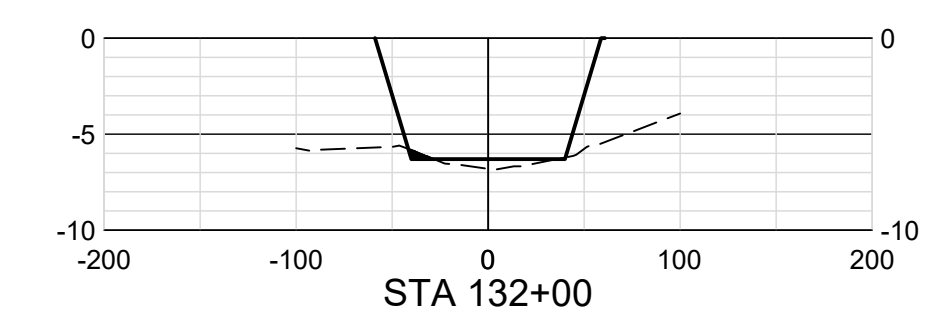
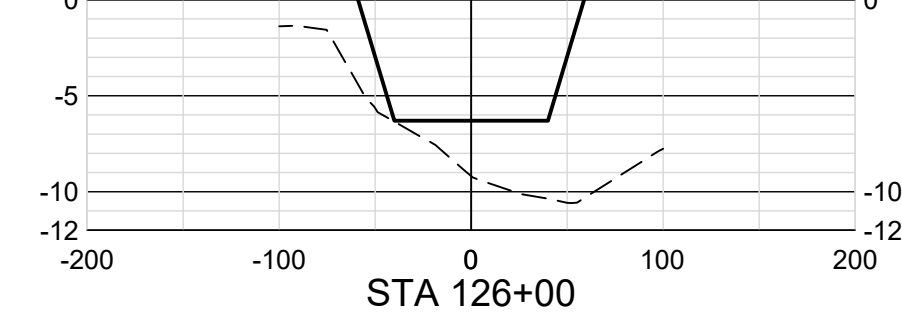
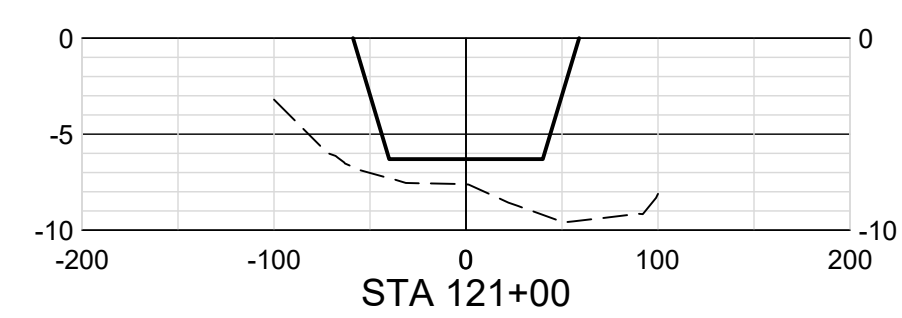
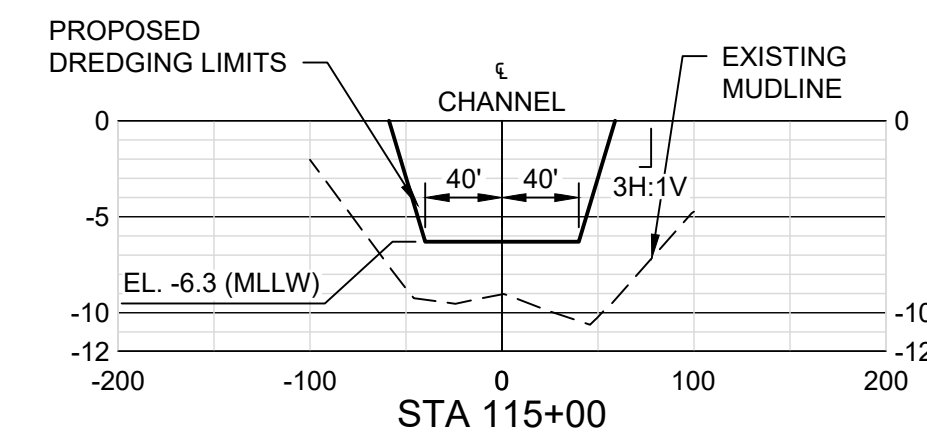
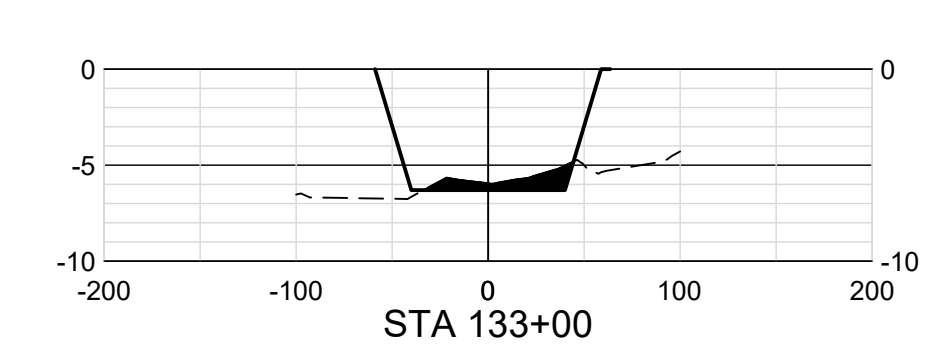
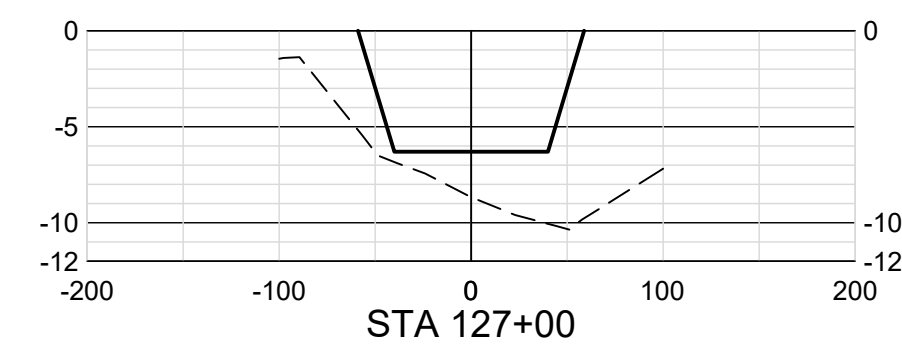
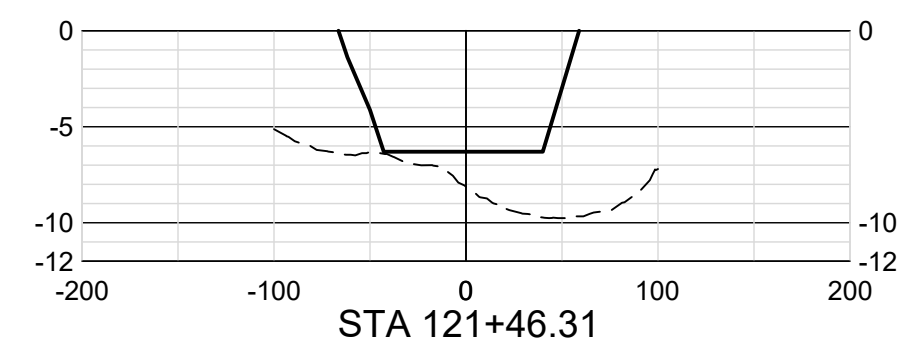
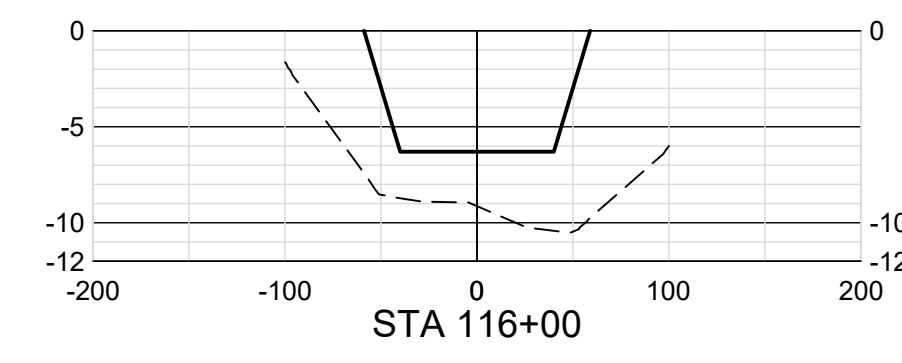
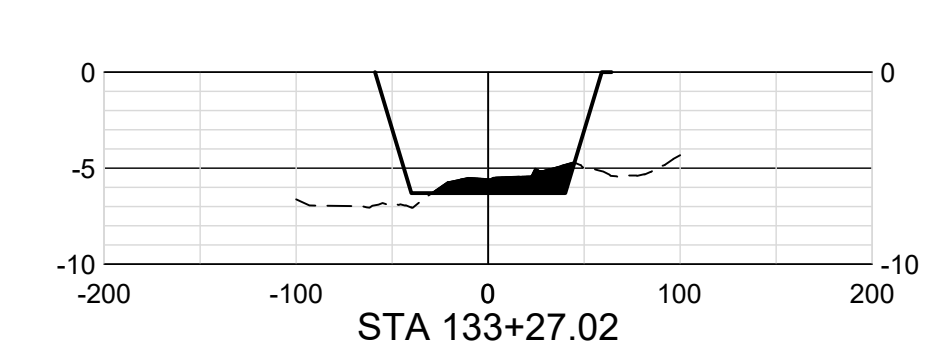
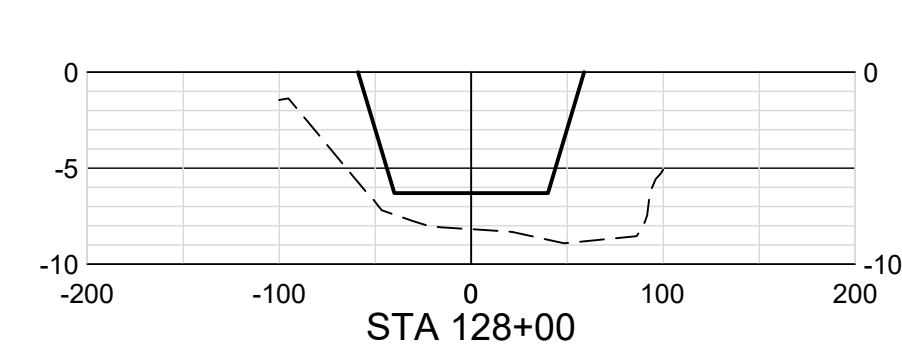
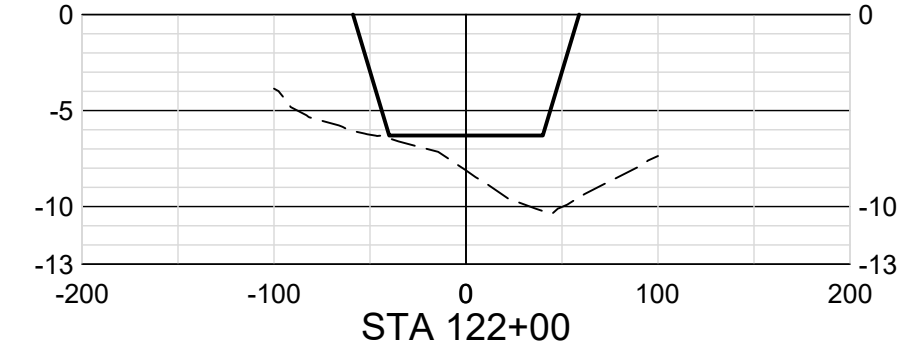
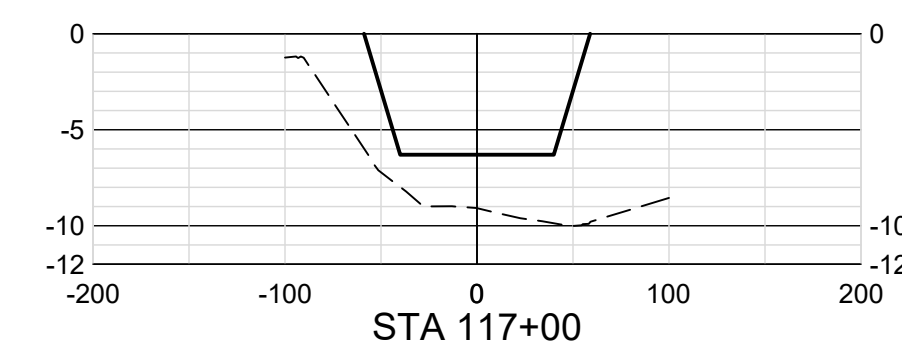
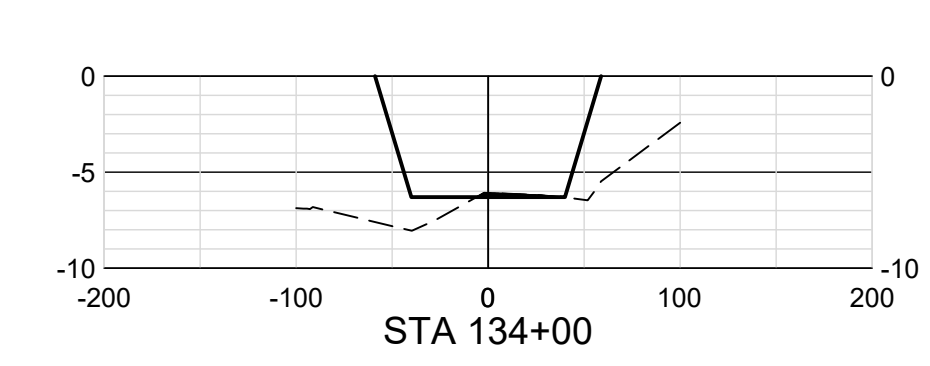
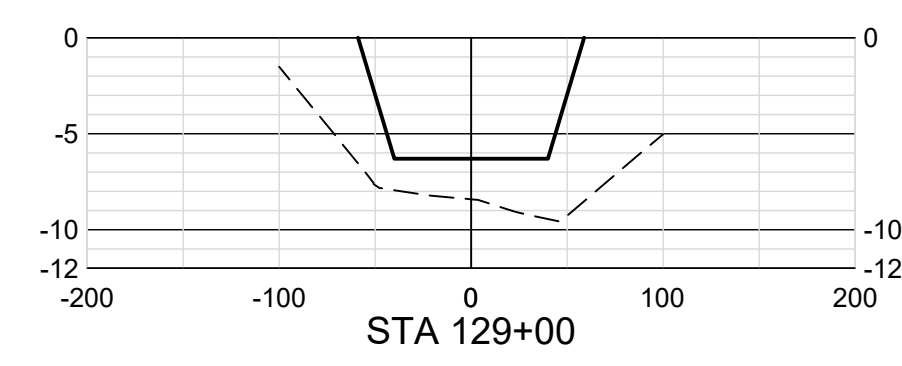
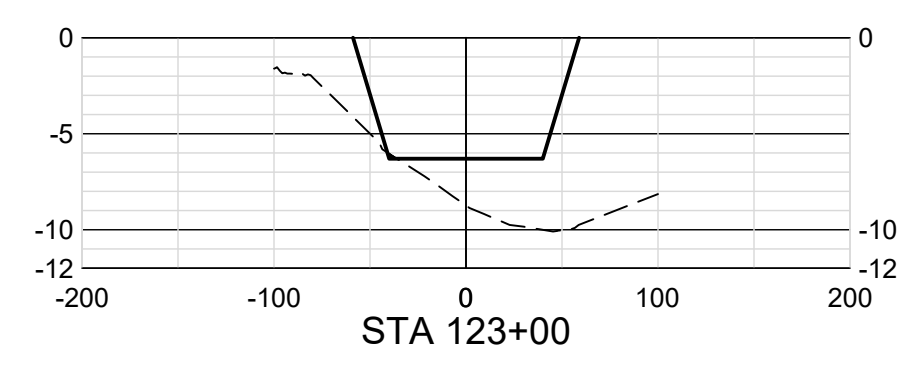
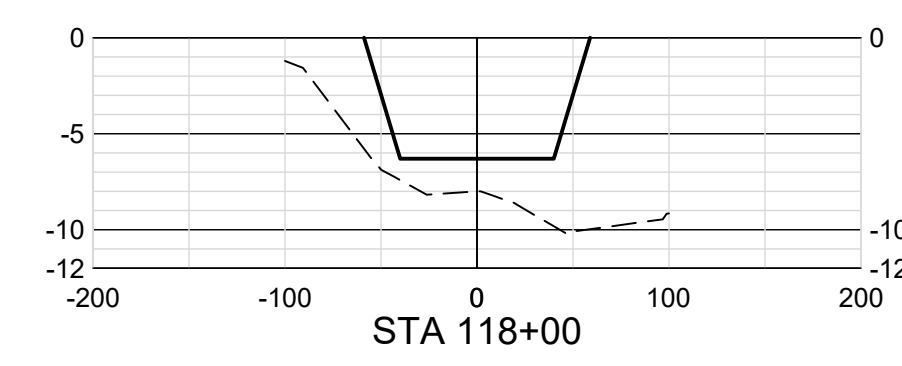
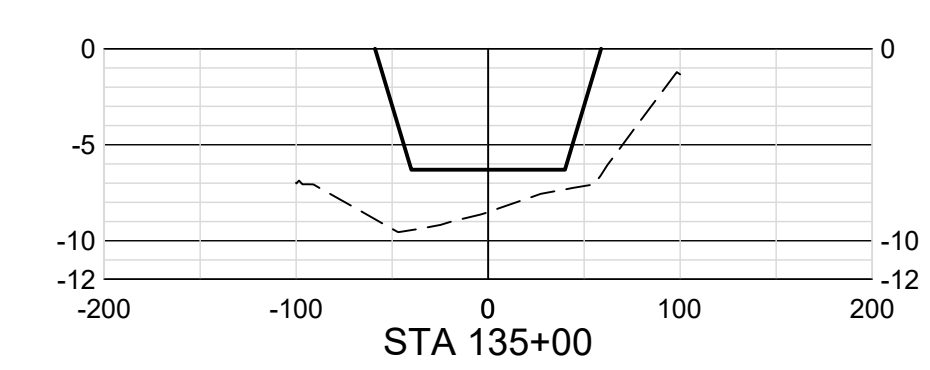
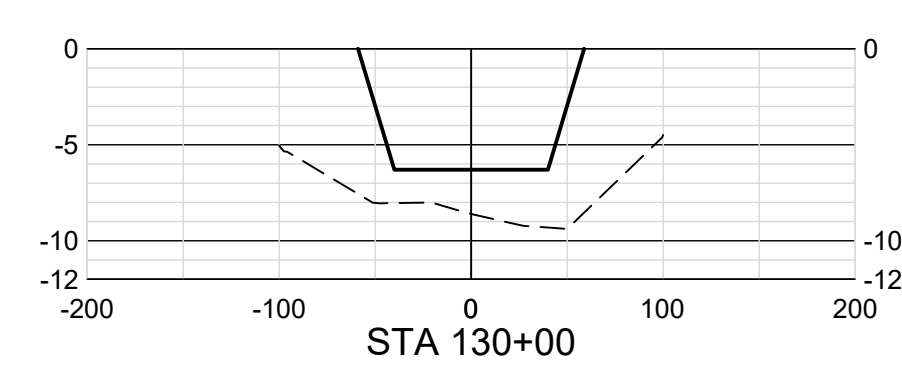
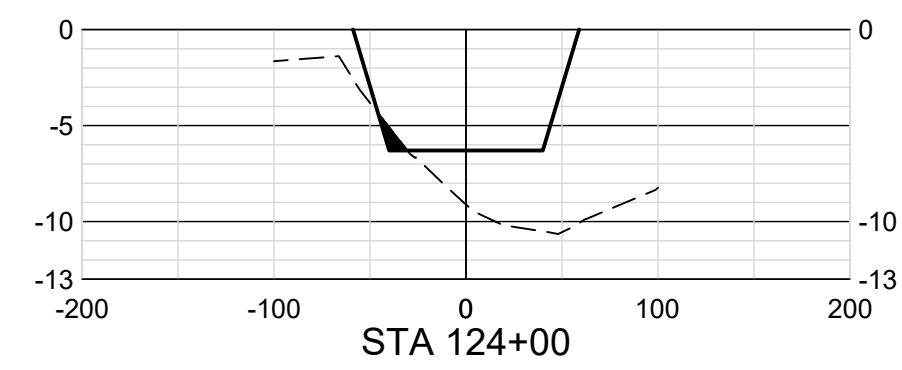
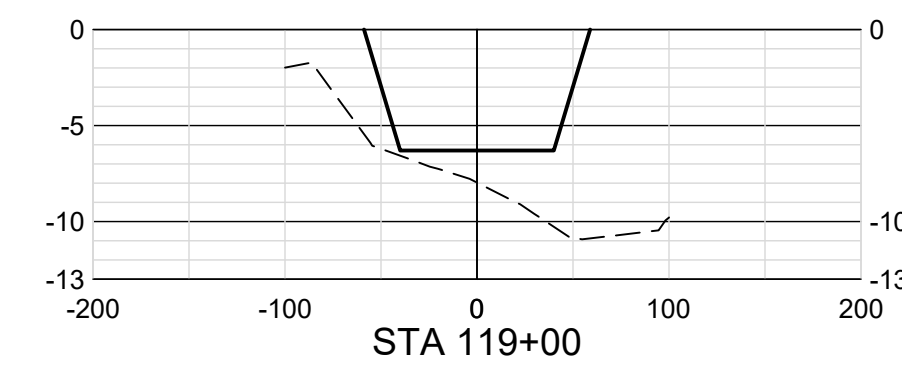
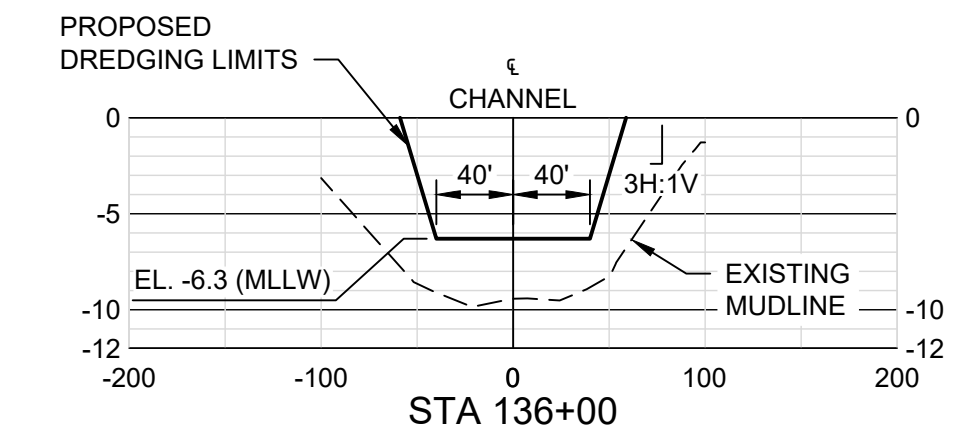
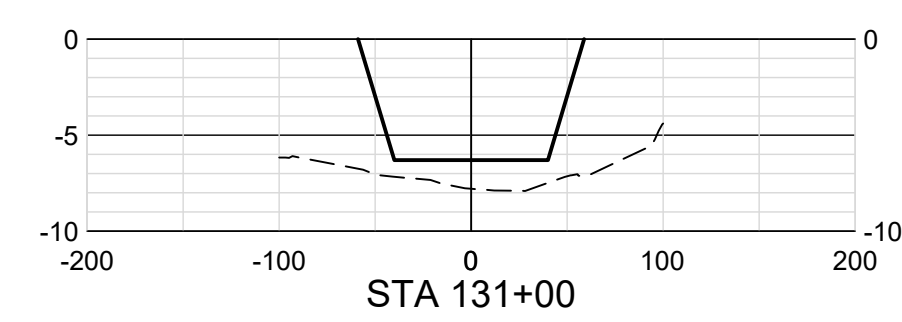
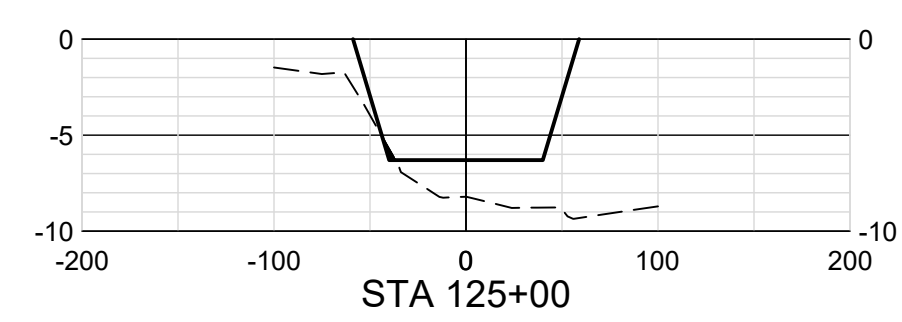
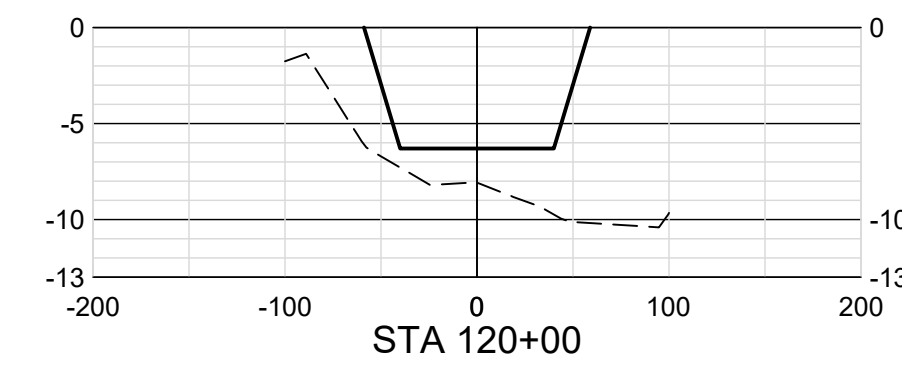
ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022



CROSS SECTIONS (5 OF 11)

FILENAME: 00C-XS01100.dwg
 SCALE: 1" = 100'

SHEET **21**



HDR Engineering, INC
TBPELS Firm
Registration No. F-754

ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

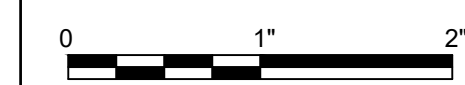
30% SUBMITTAL PRELIMINARY

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ENGINEER: DANIEL E. GARZA
LICENSE NO.: 104628
DATE: 02/18/2022

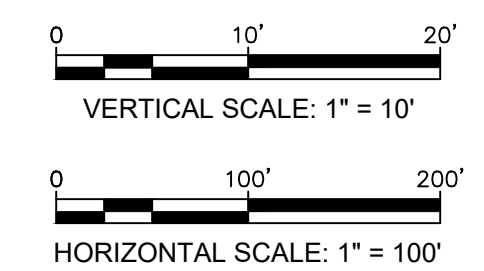
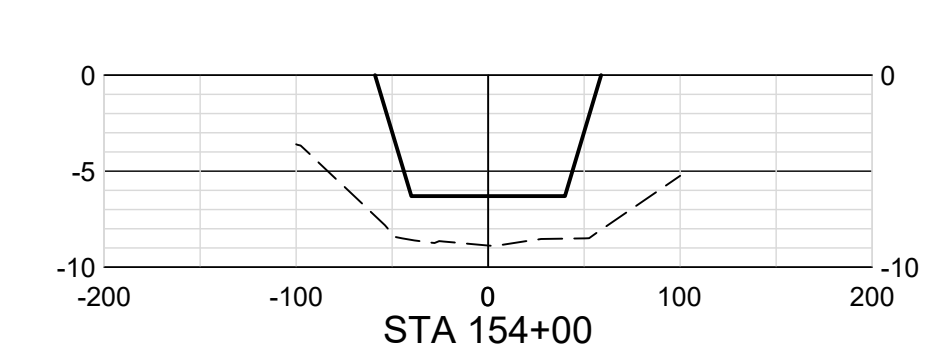
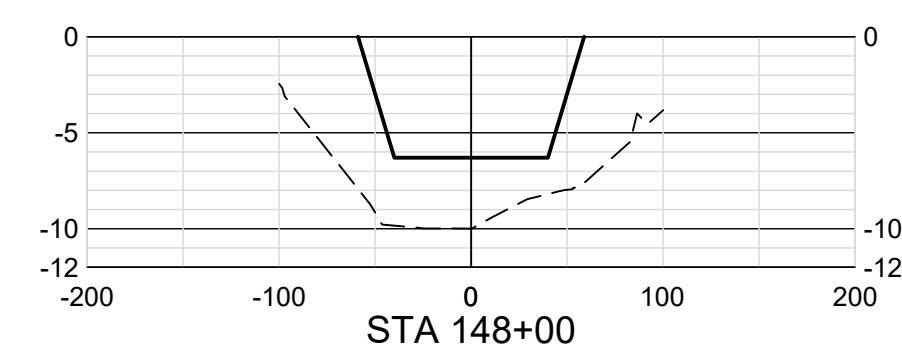
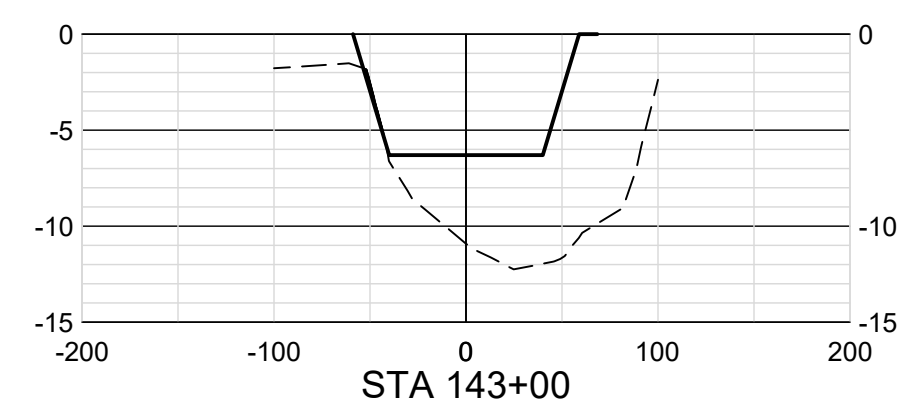
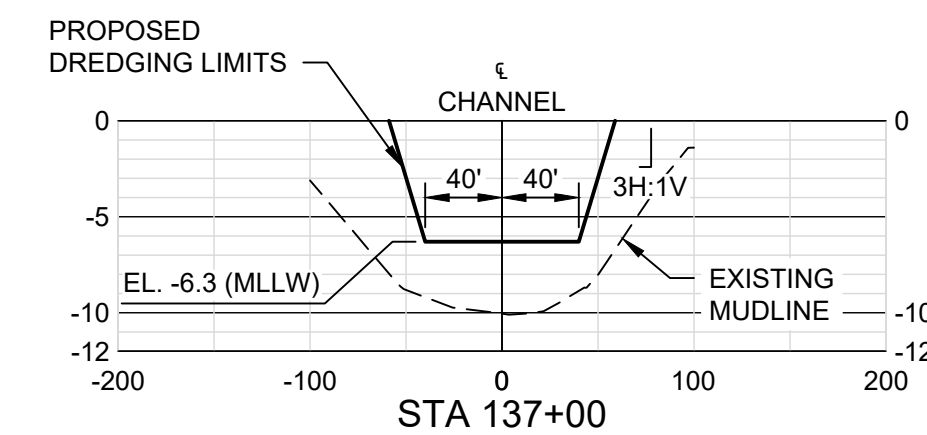
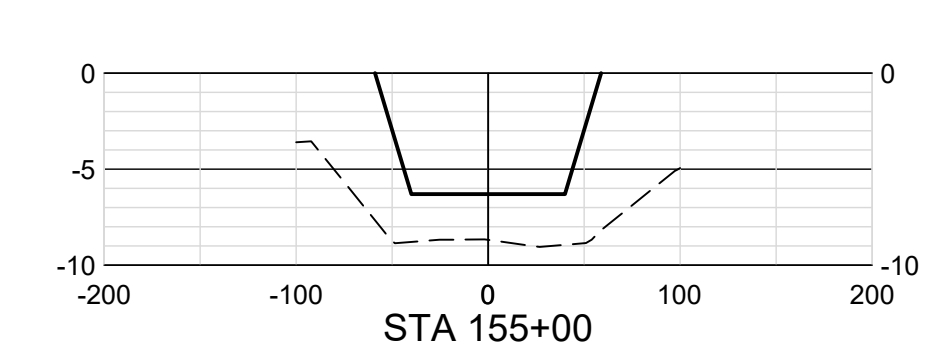
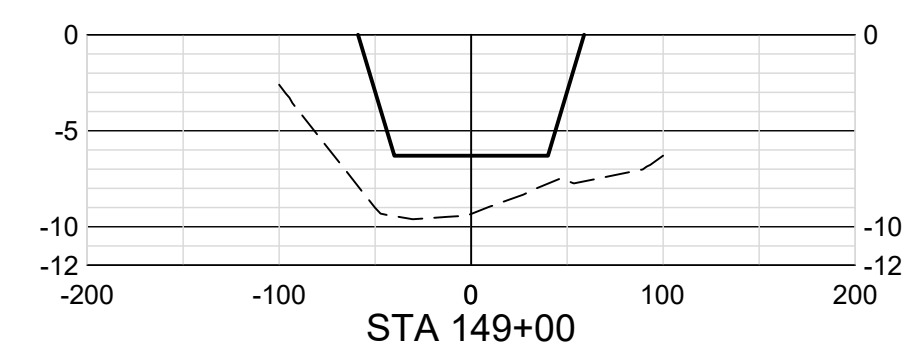
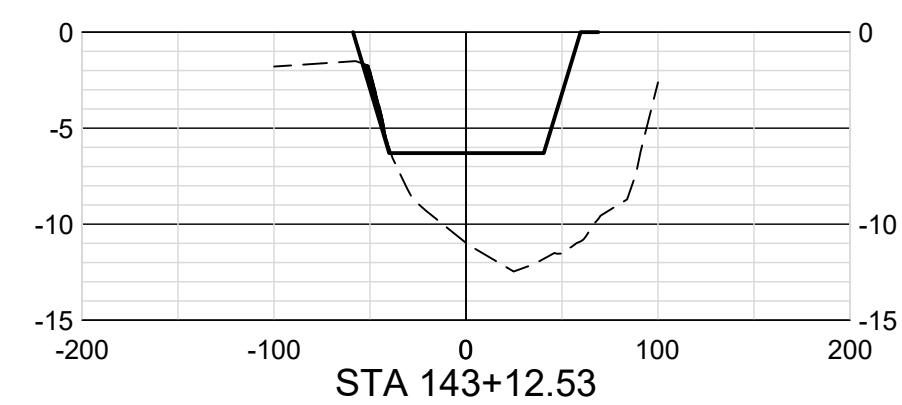
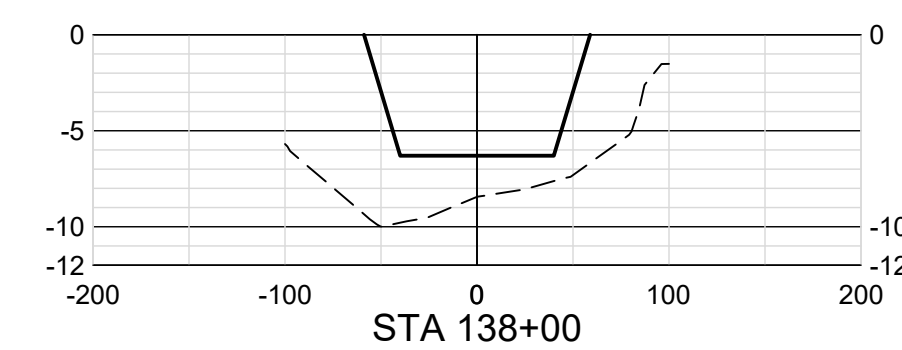
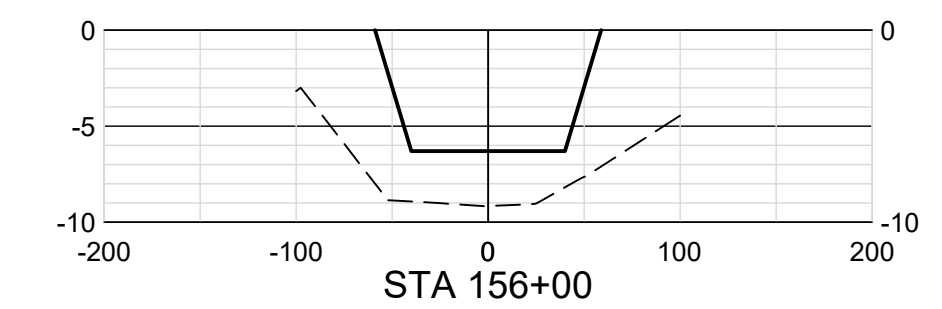
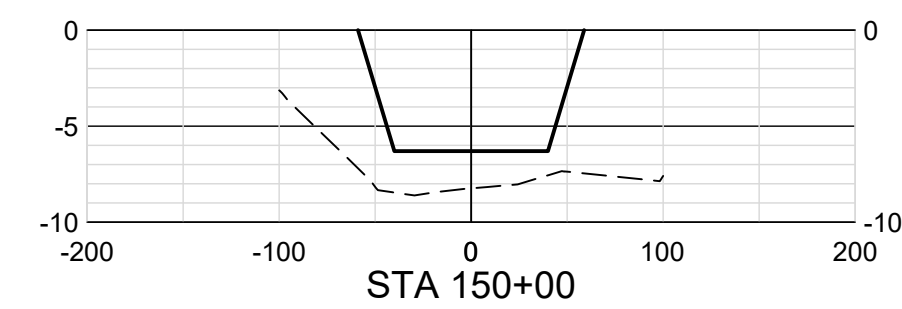
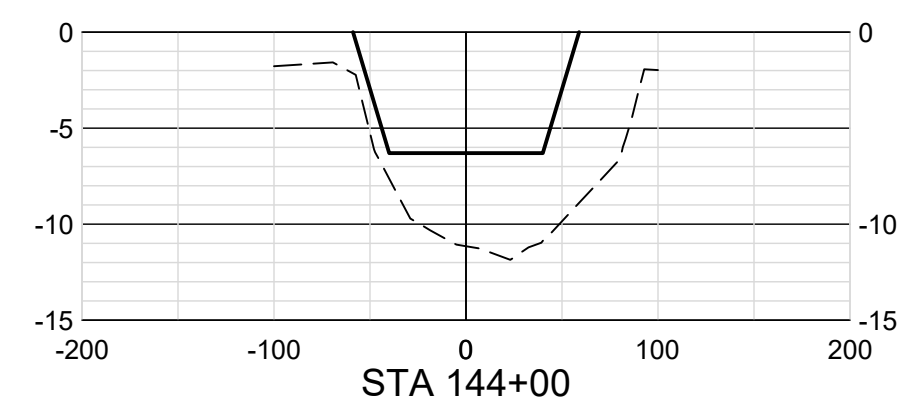
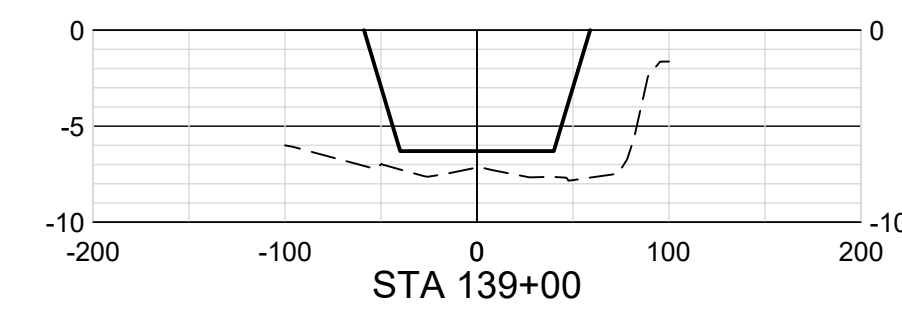
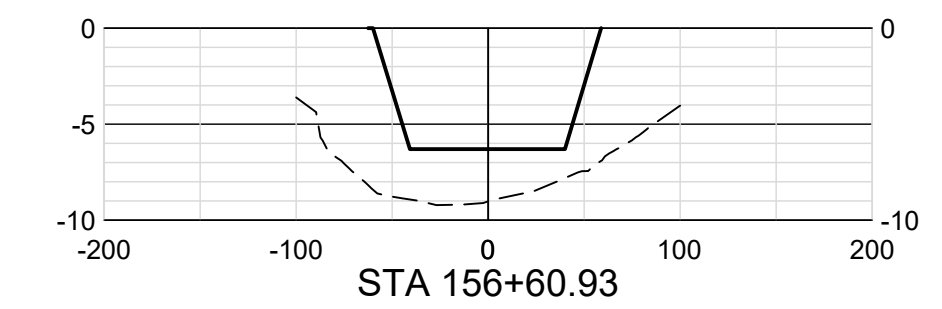
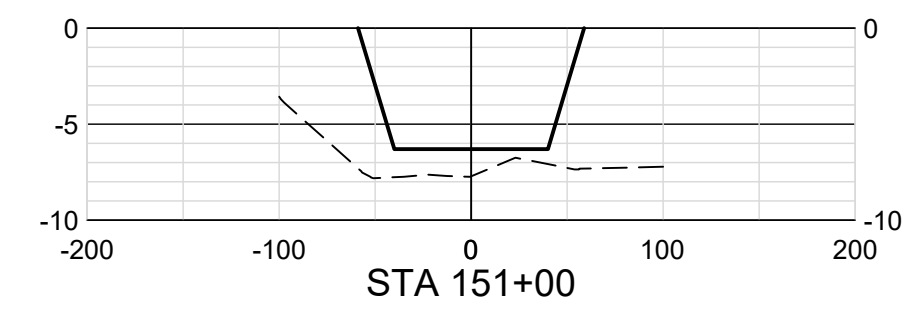
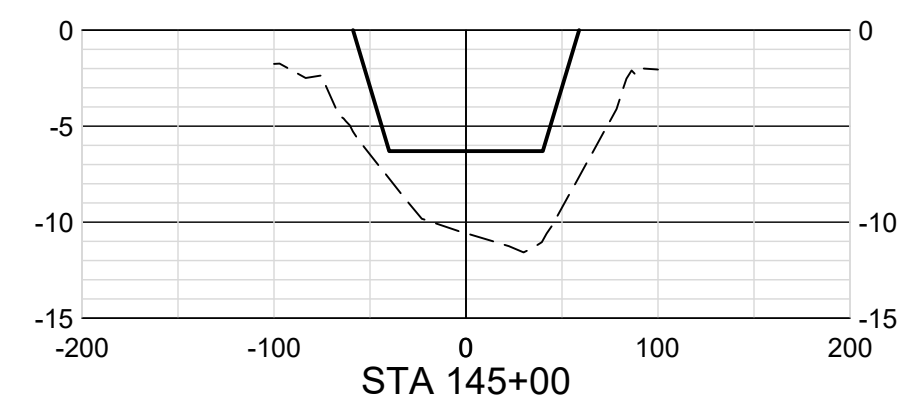
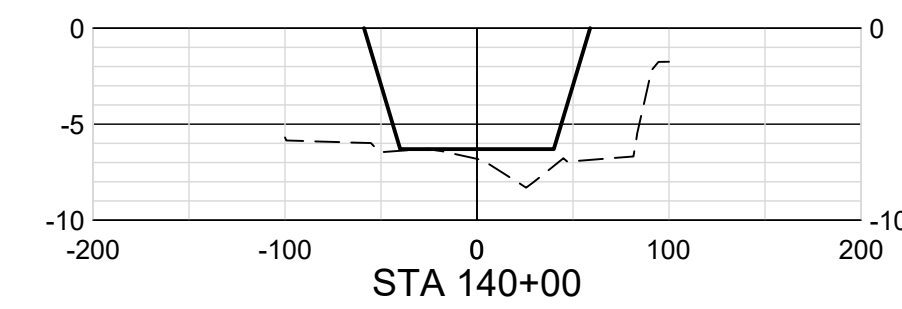
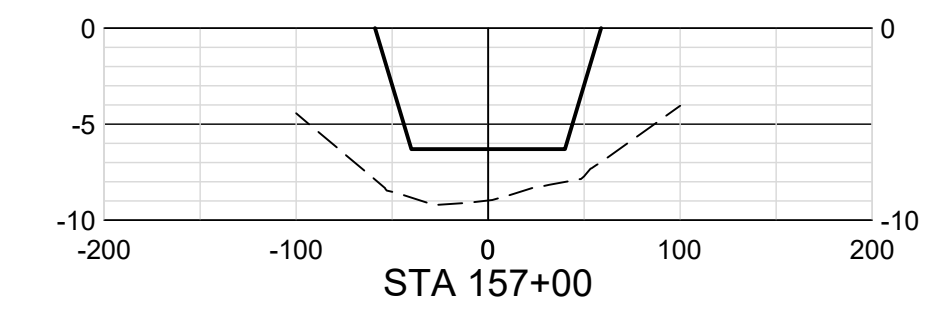
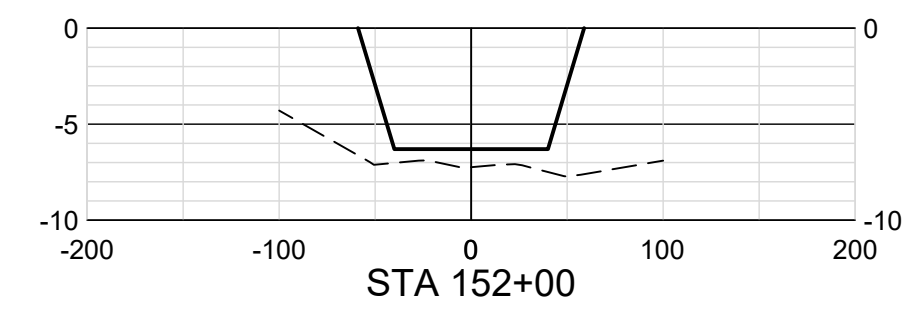
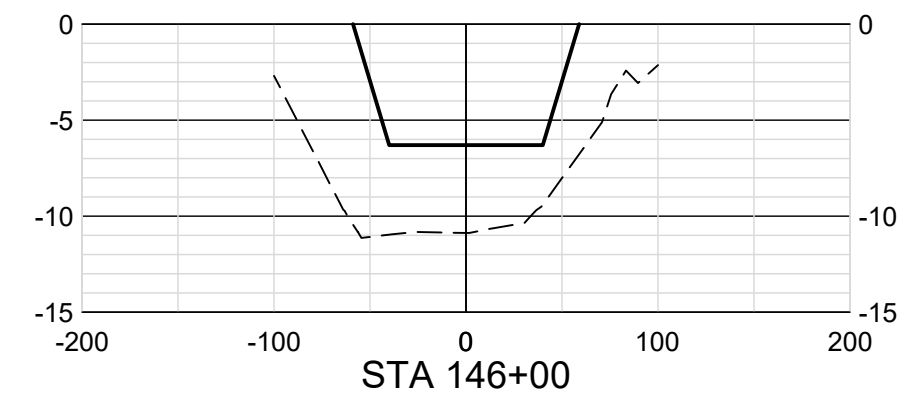
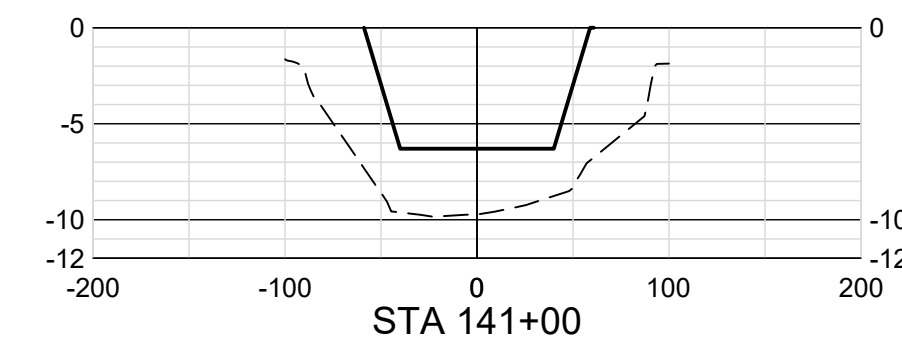
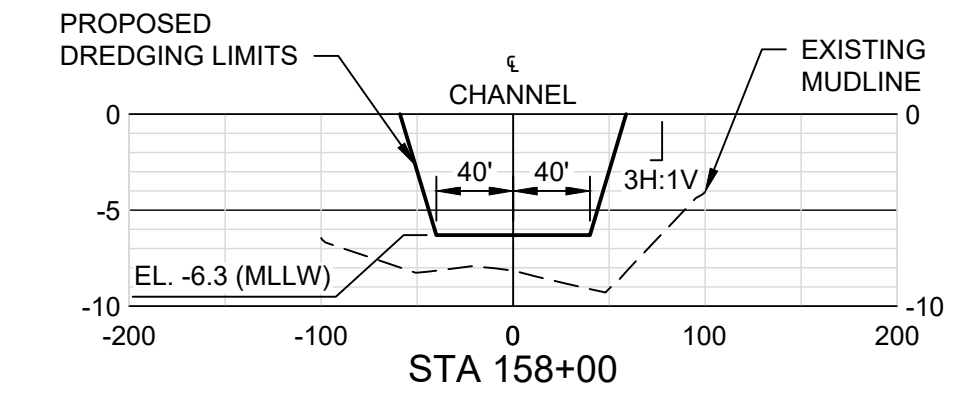
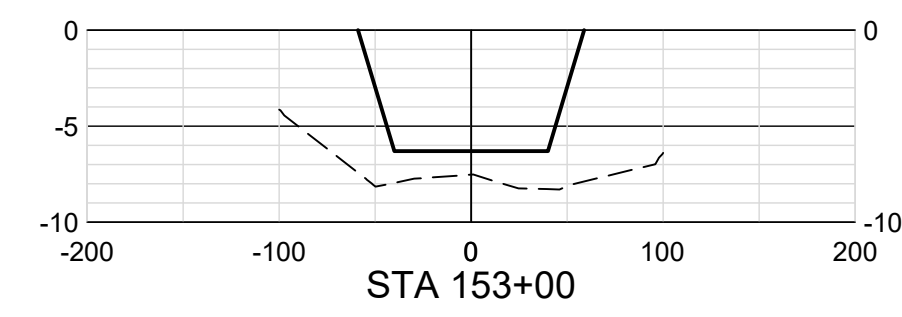
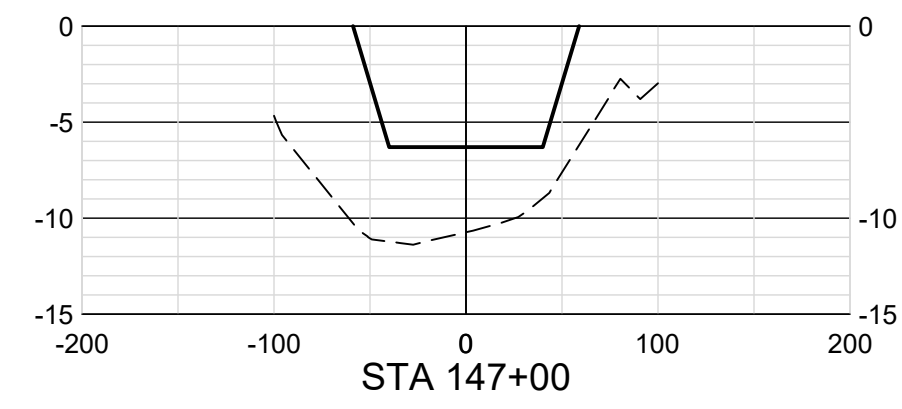
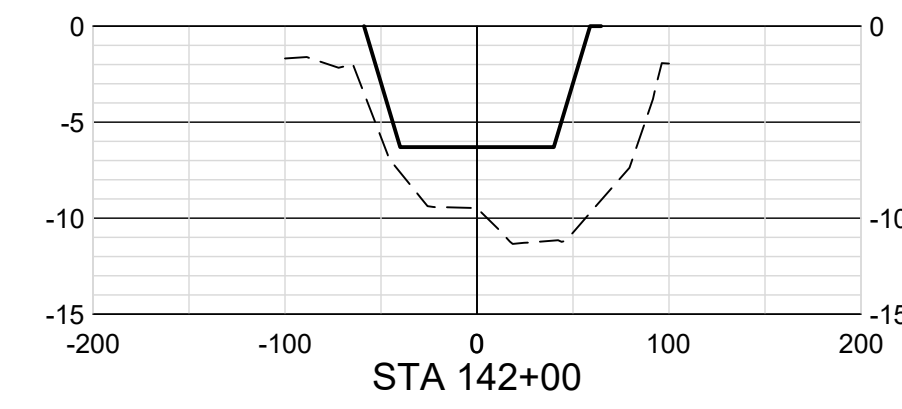


CROSS SECTIONS (6 OF 11)



FILENAME: 00C-XS01100.dwg
SCALE: 1" = 100'

SHEET 22



HDR Engineering, INC
TBPELS Firm
Registration No. F-754

ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

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ENGINEER: DANIEL E. GARZA
LICENSE NO.: 104628
DATE: 02/18/2022

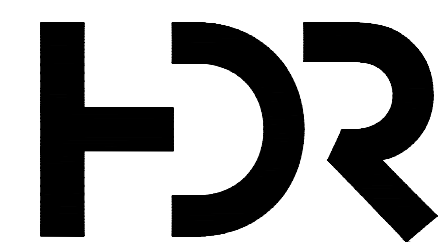
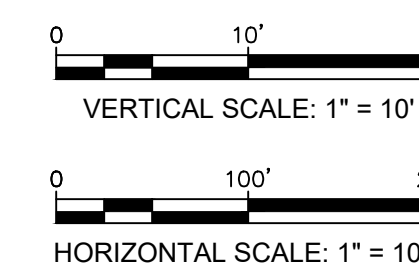
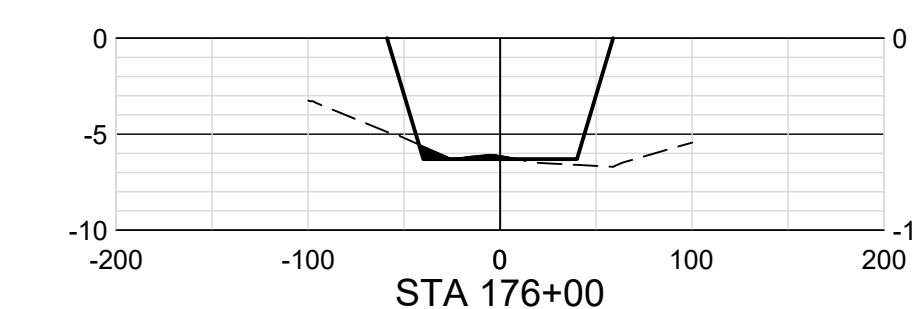
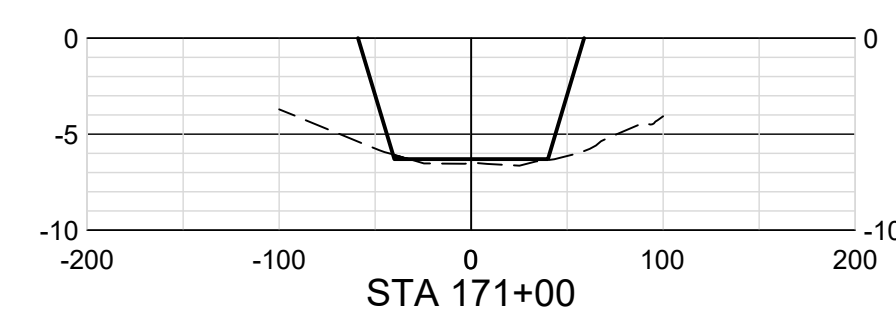
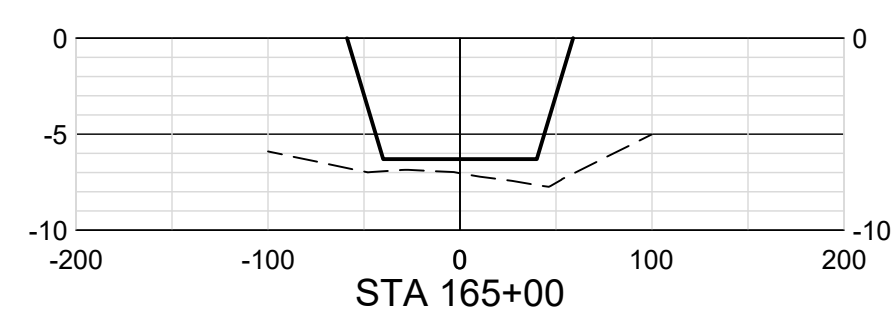
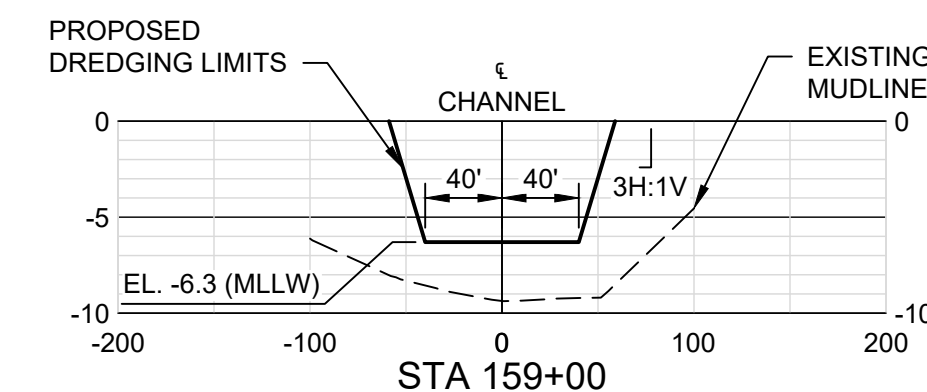
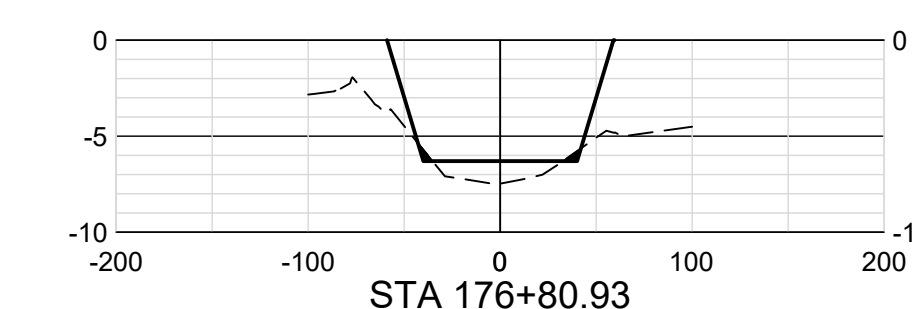
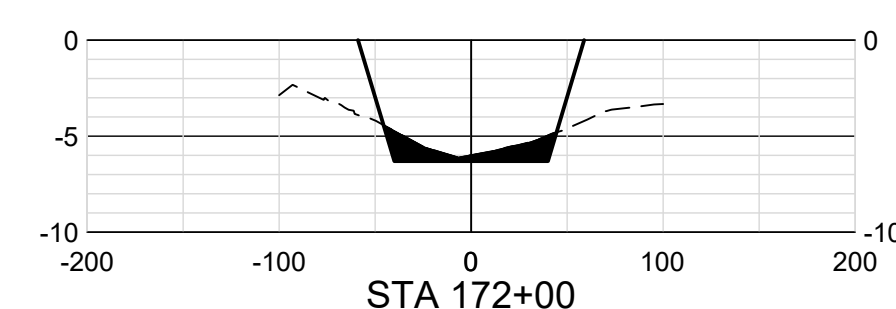
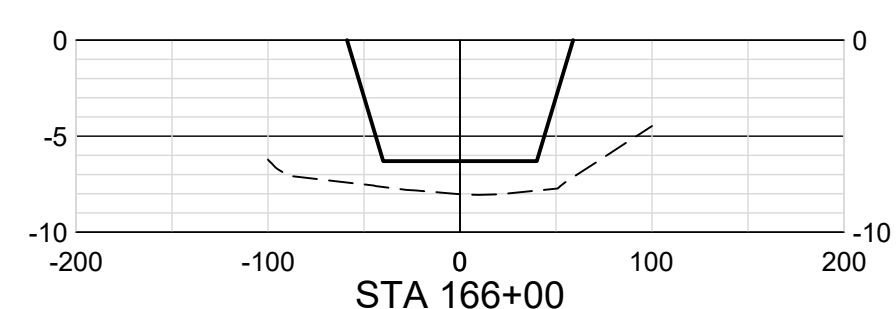
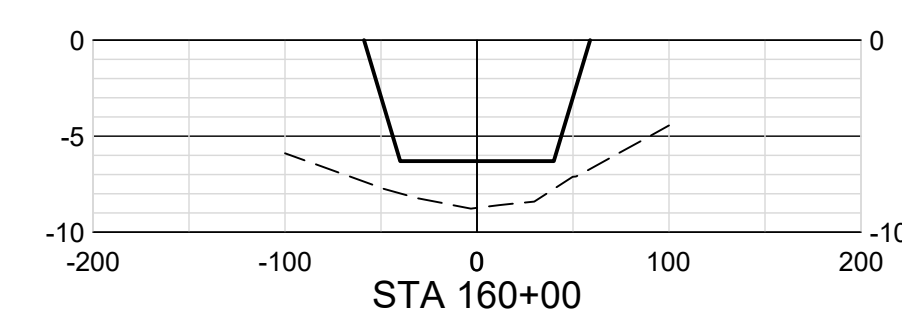
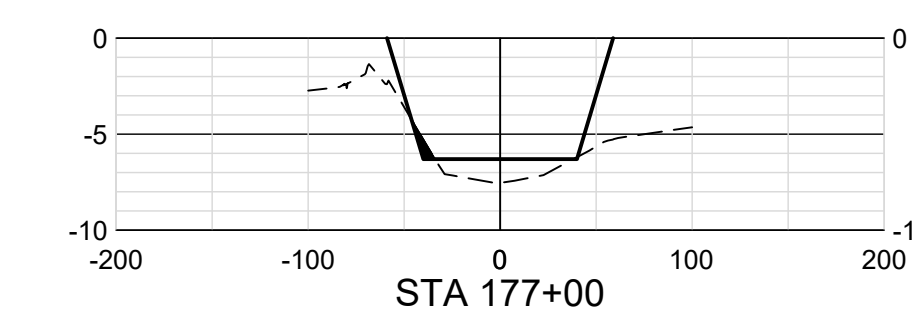
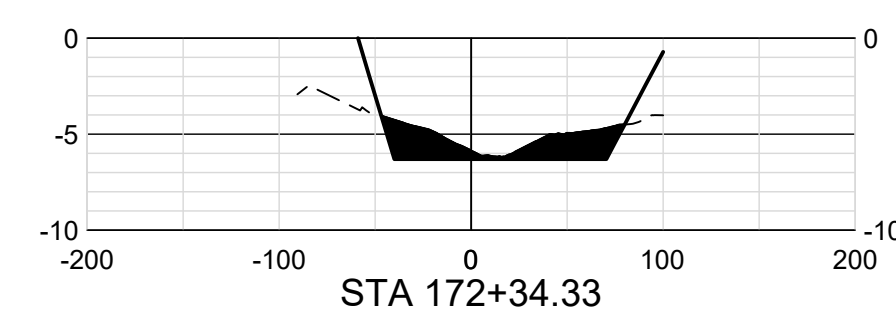
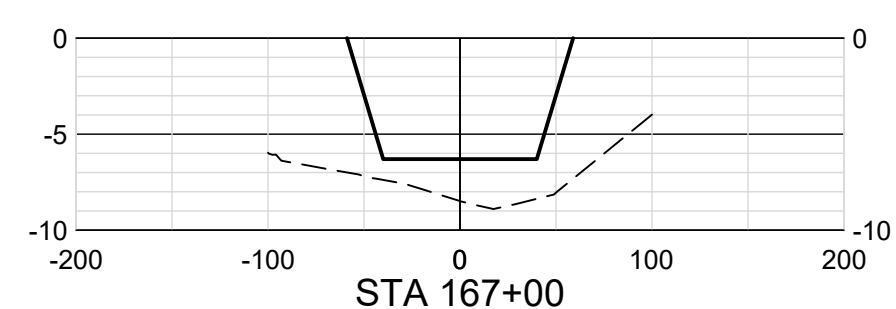
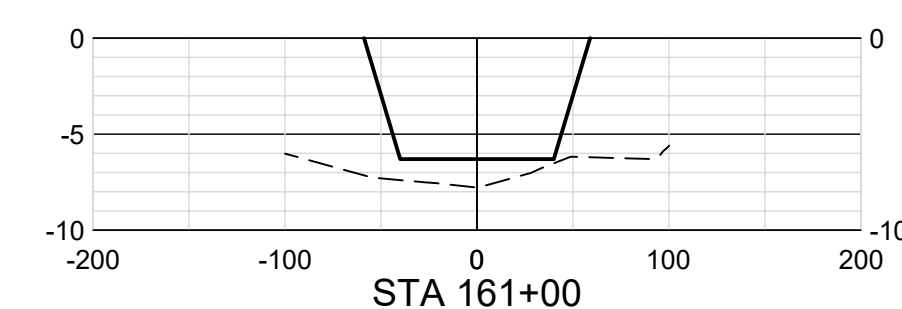
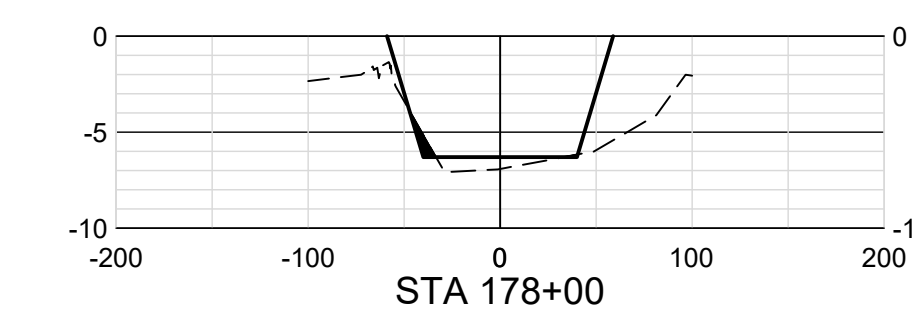
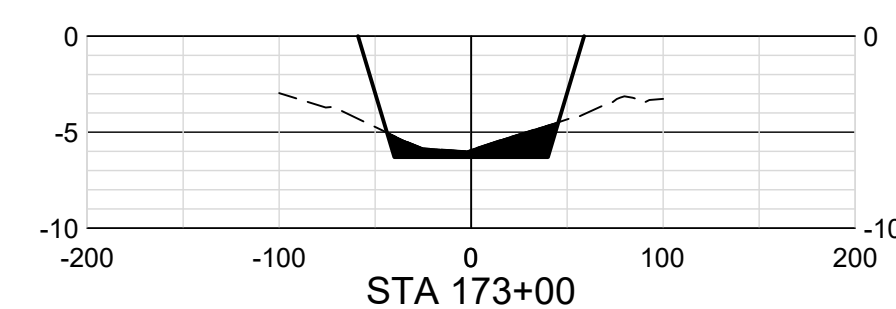
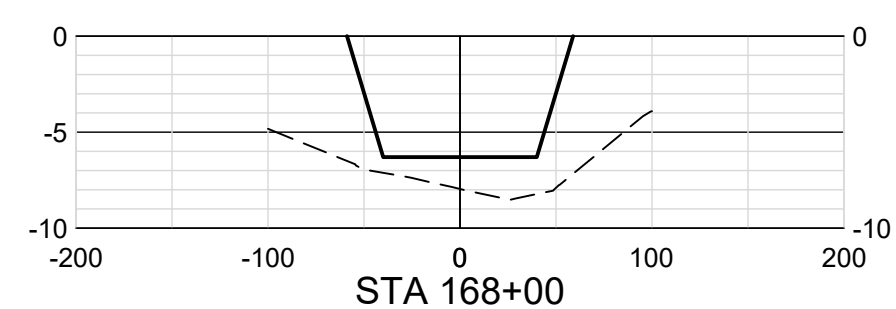
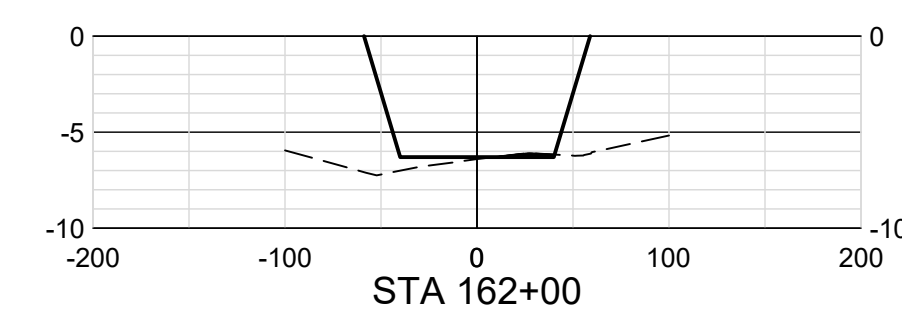
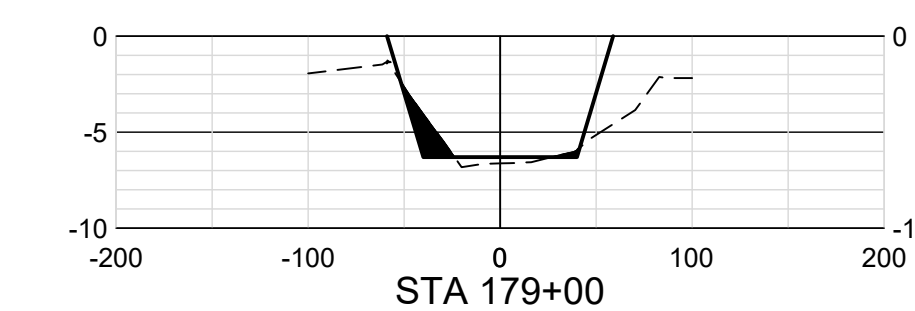
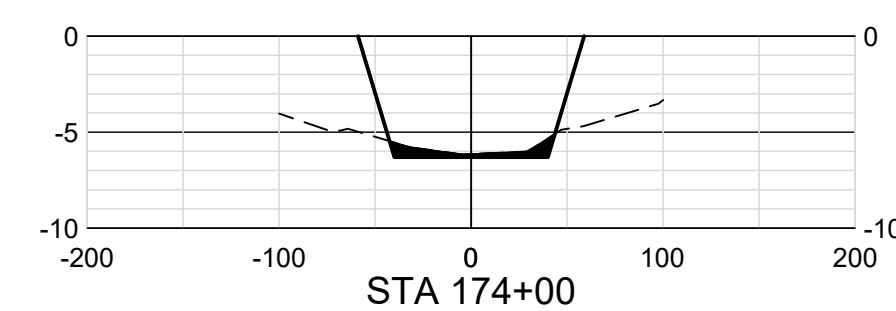
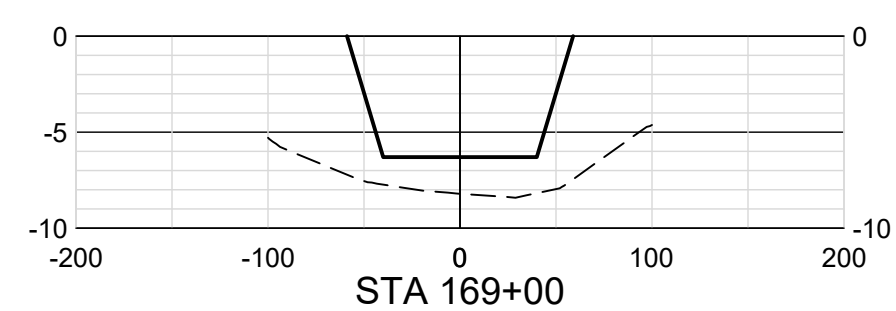
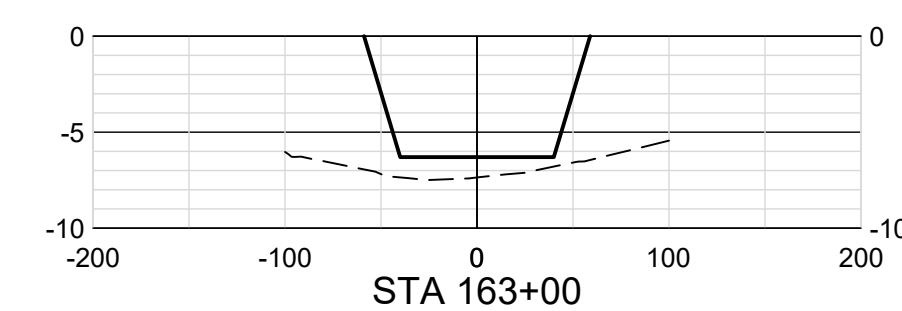
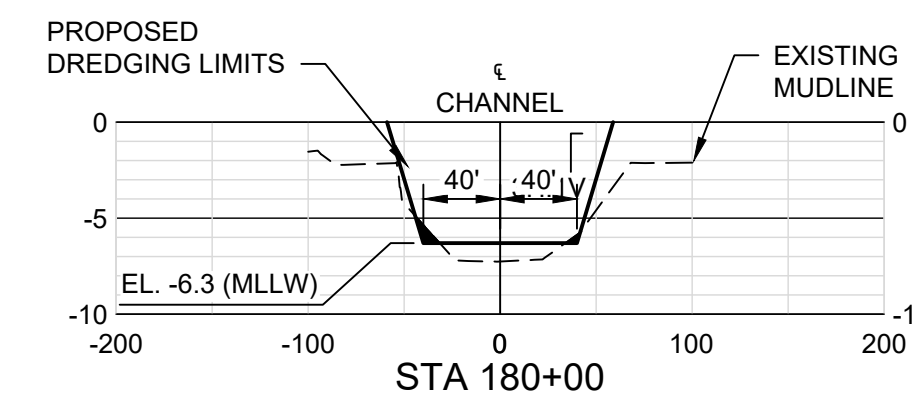
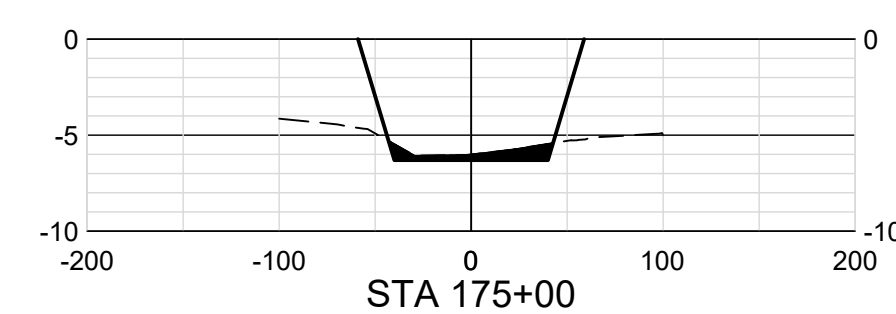
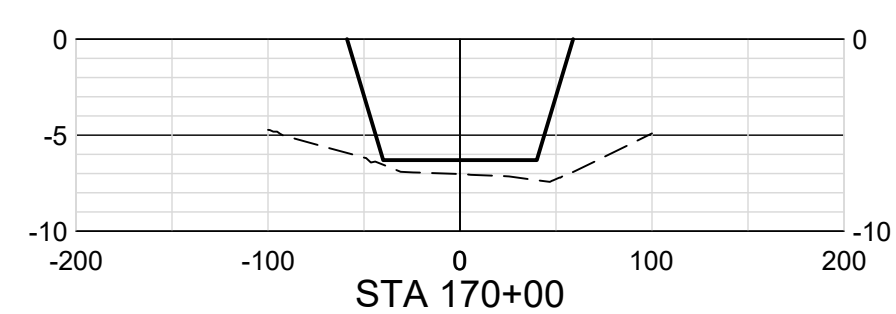
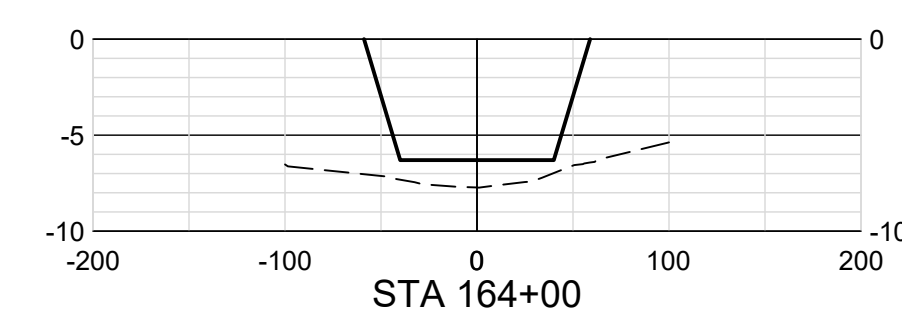


CROSS SECTIONS (7 OF 11)



FILENAME: 00C-XS01100.dwg
SCALE: 1" = 100'

SHEET
23



HDR Engineering, INC
TBPELS Firm
Registration No. F-754

ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

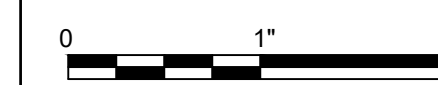
30% SUBMITTAL PRELIMINARY

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ENGINEER: DANIEL E. GARZA
LICENSE NO.: 104628
DATE: 02/18/2022

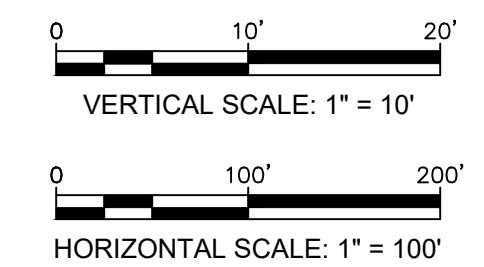
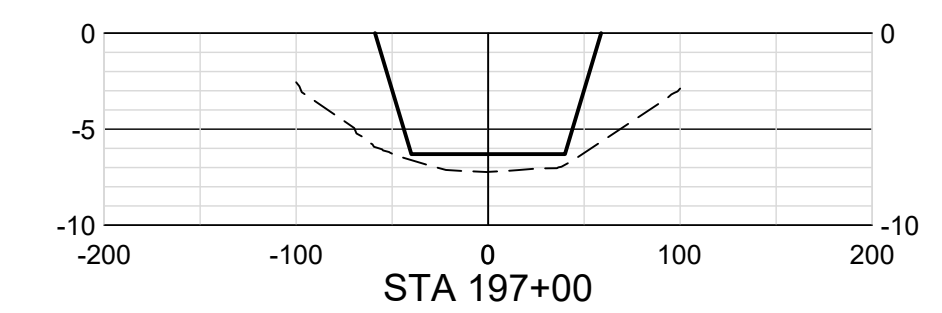
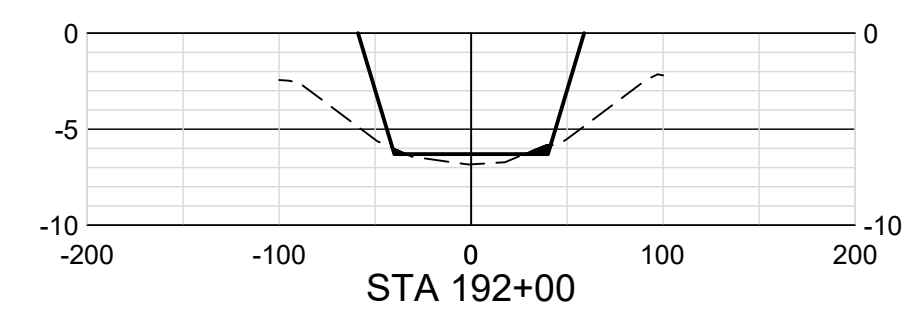
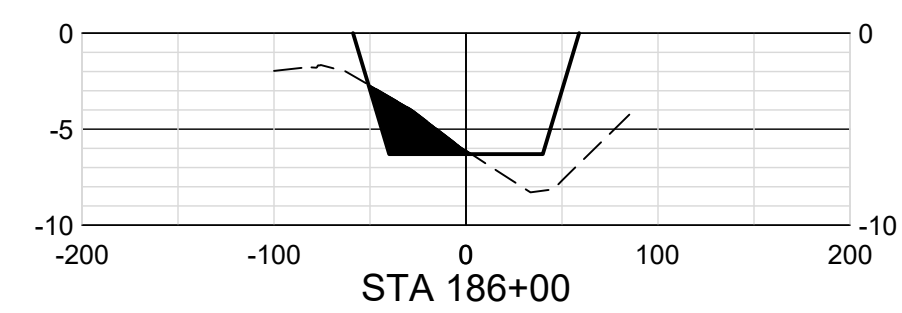
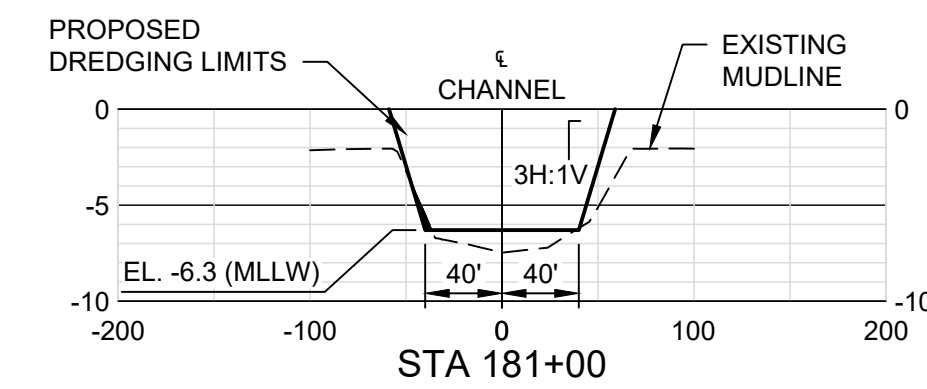
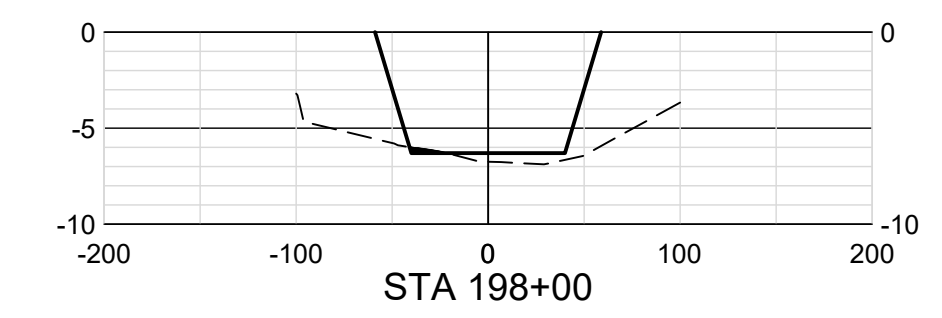
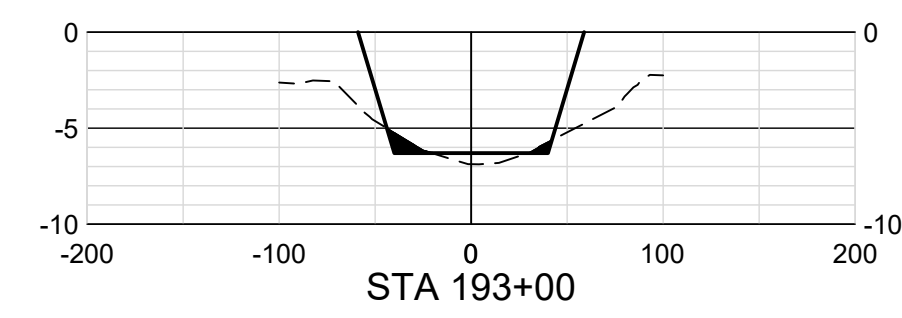
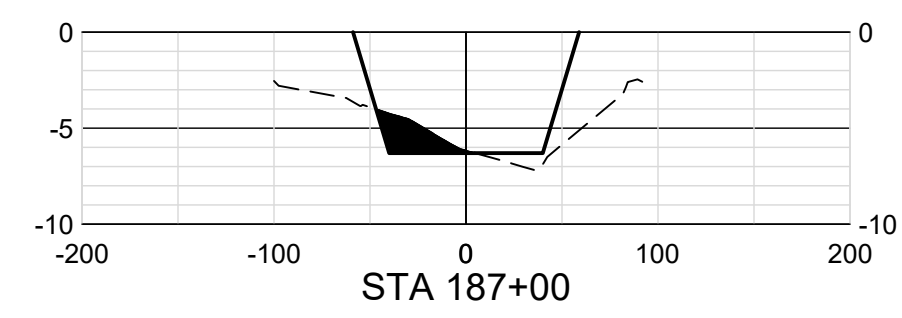
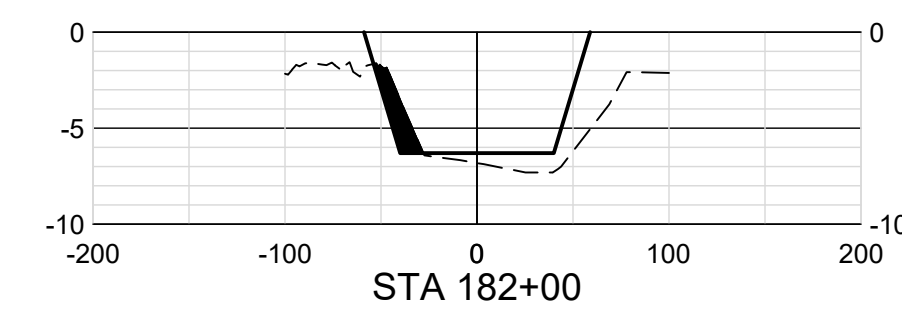
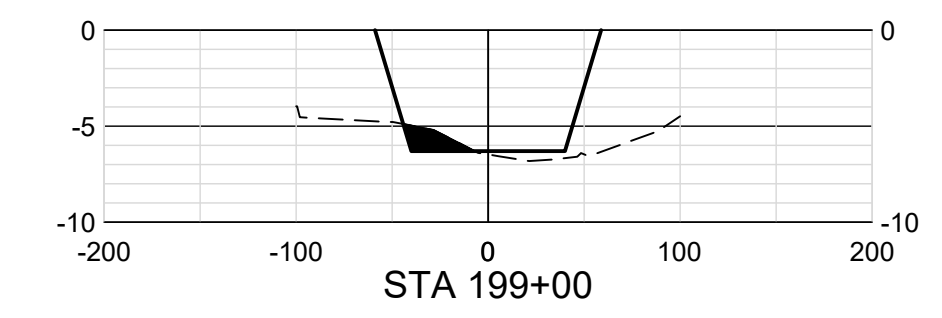
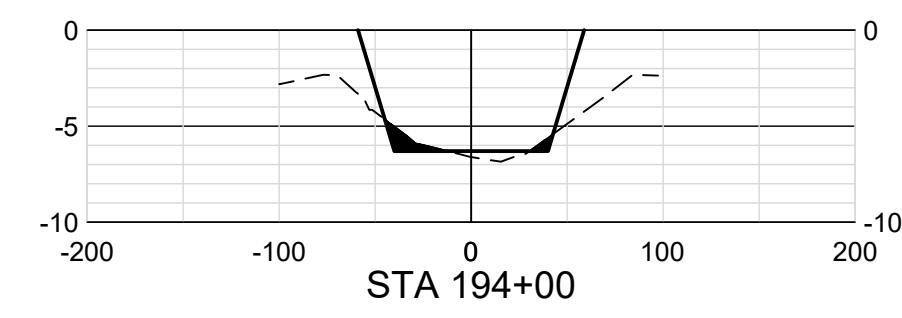
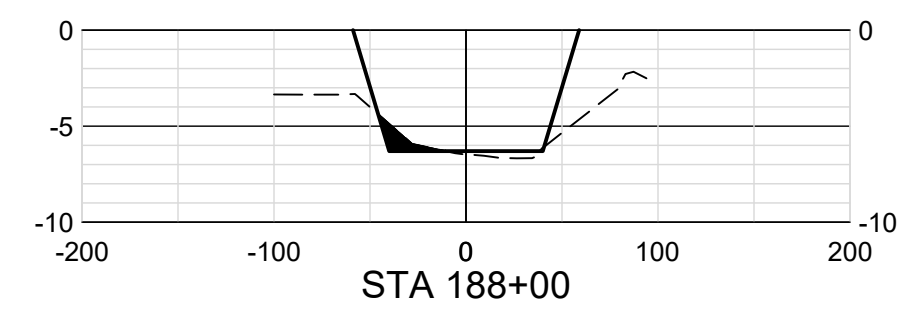
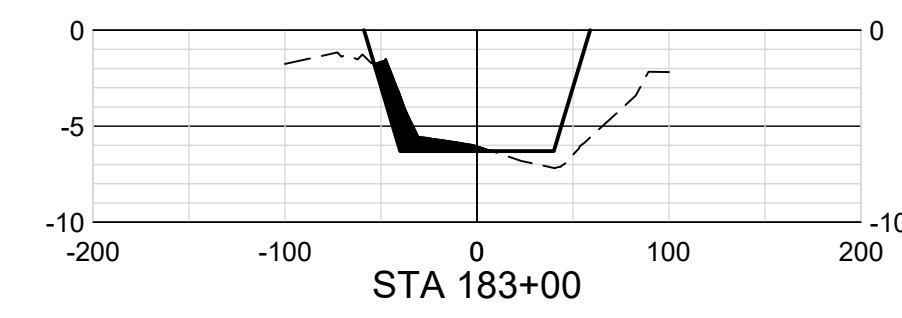
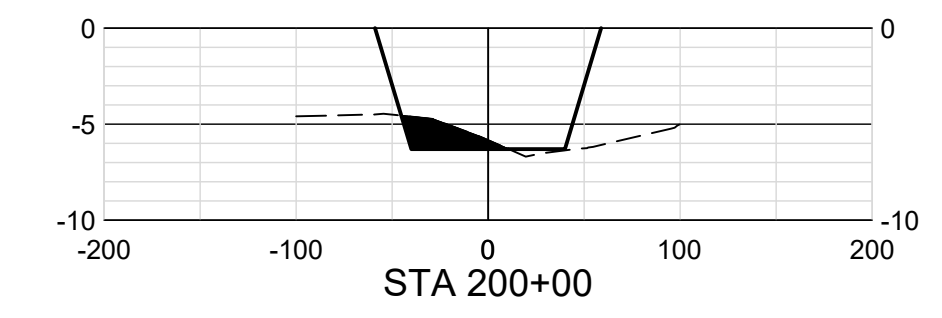
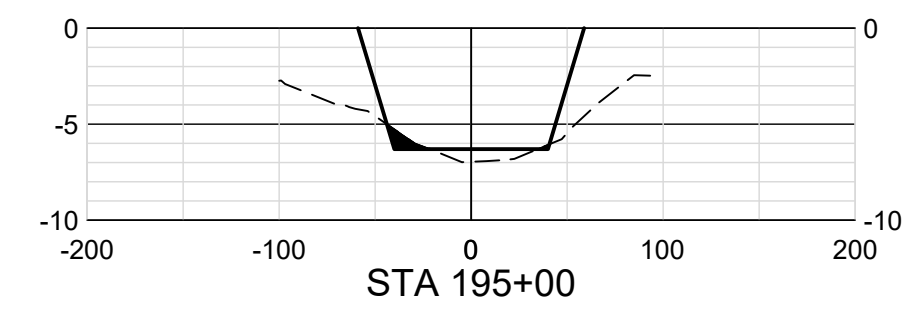
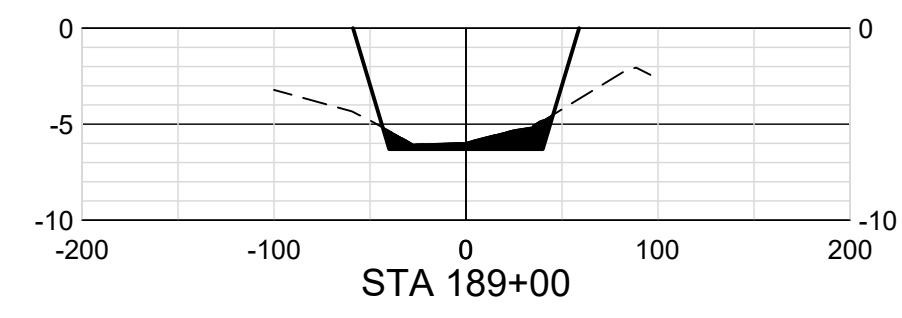
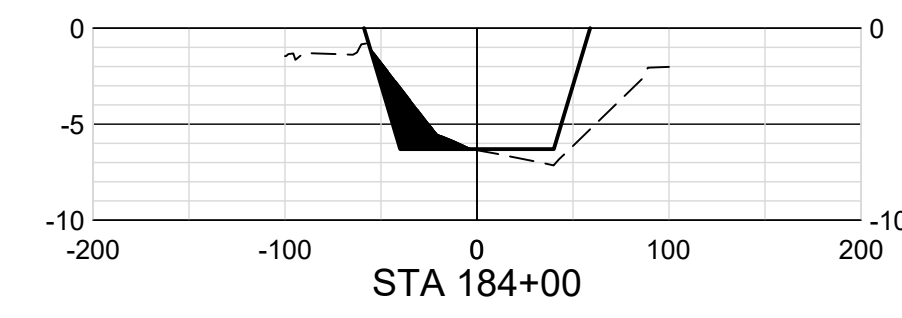
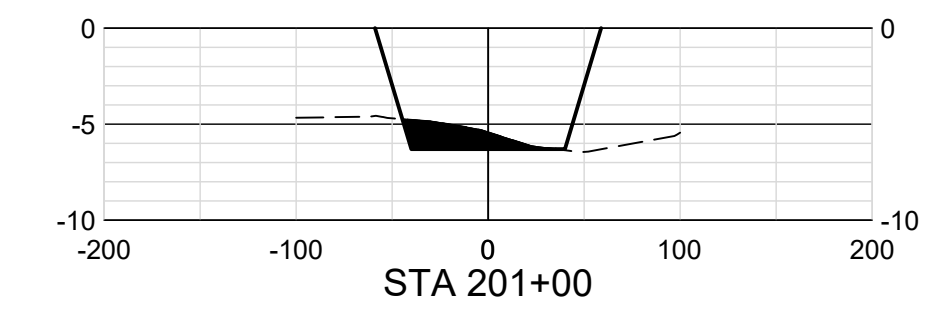
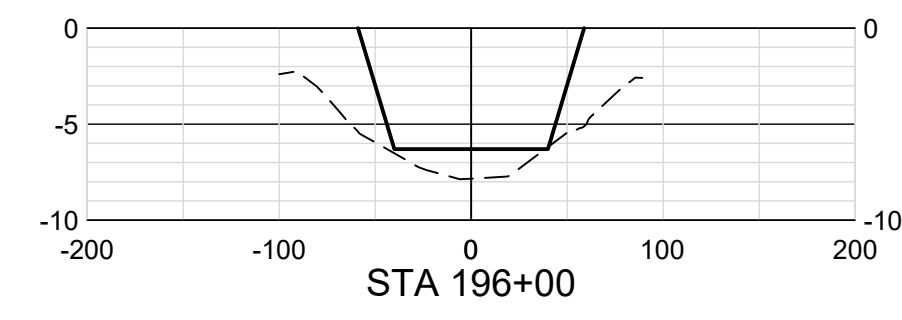
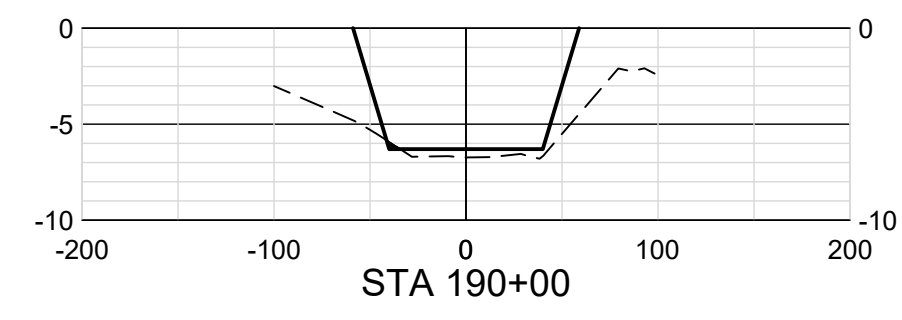
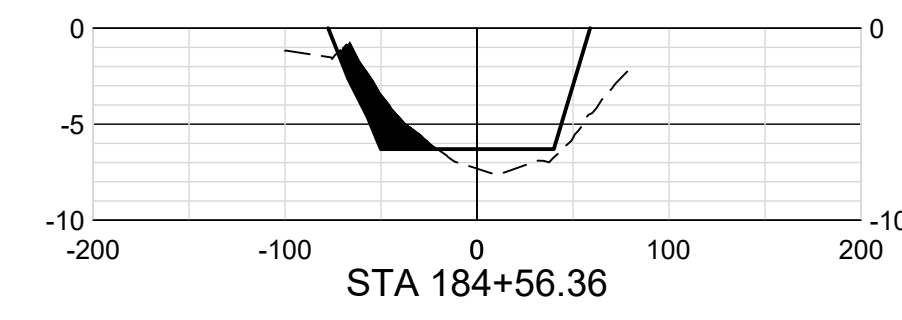
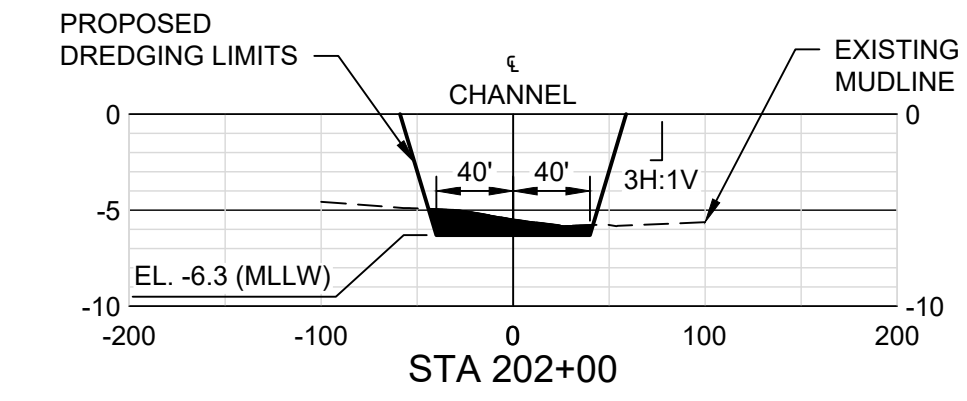
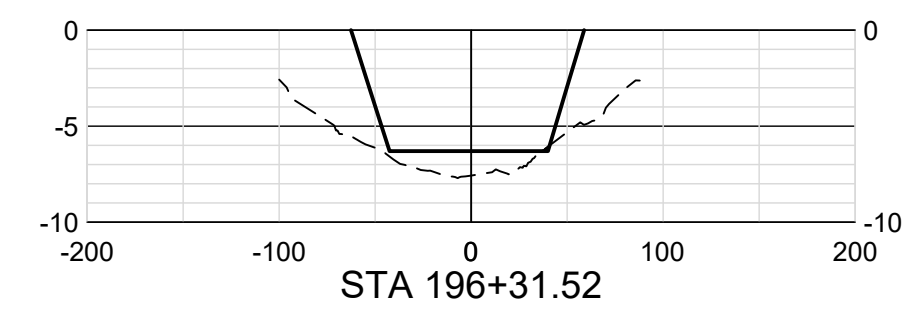
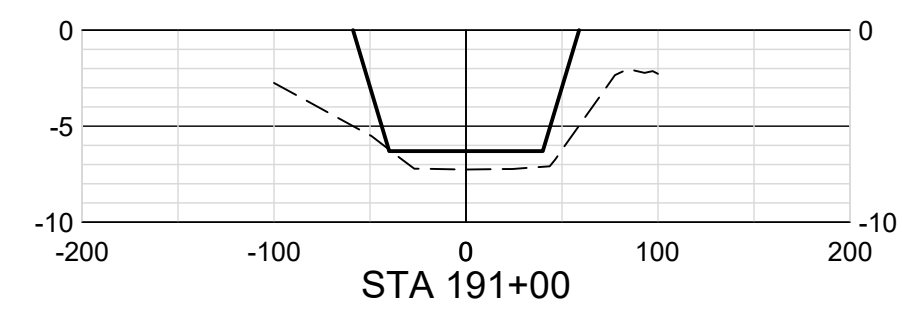
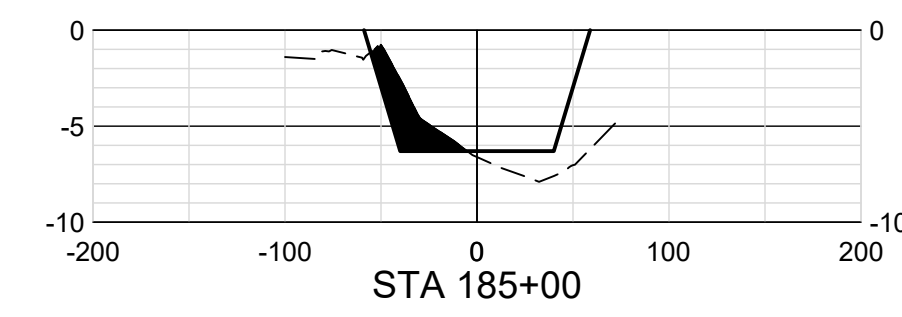


CROSS SECTIONS (8 OF 11)



FILENAME: 00C-XS01100.dwg
SCALE: 1" = 100'

SHEET
24



HDR Engineering, INC
 TBPELS Firm
 Registration No. F-754

ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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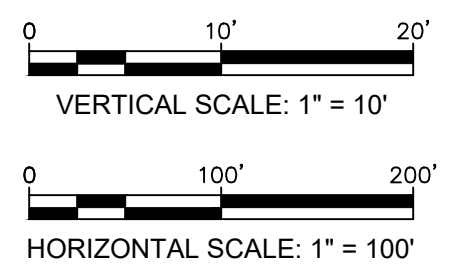
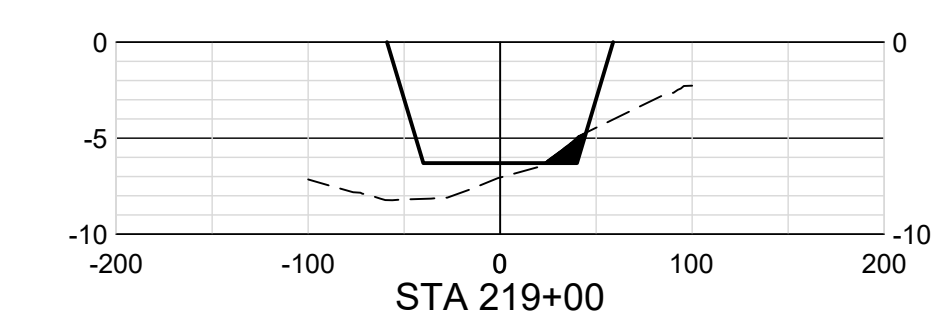
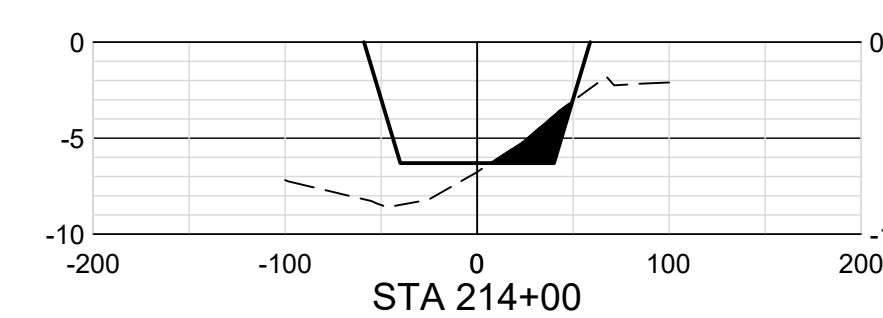
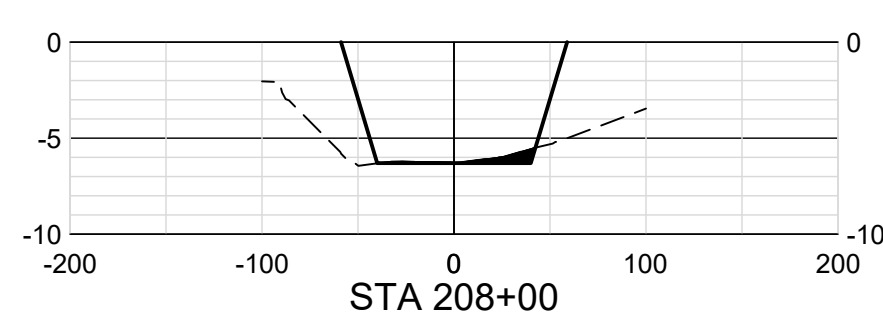
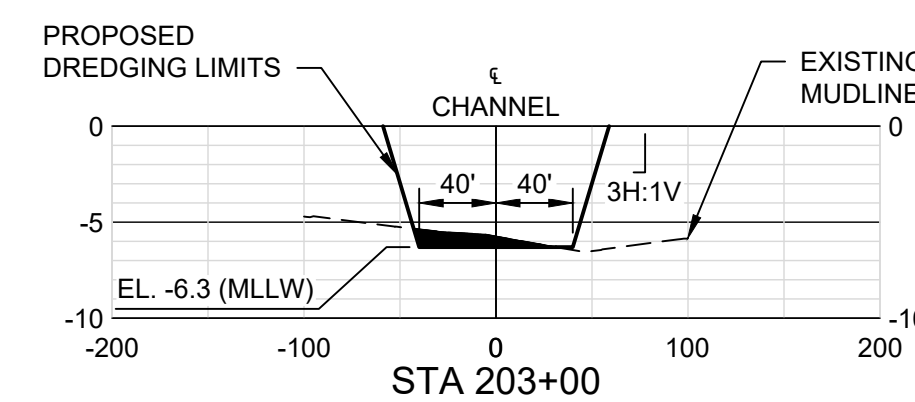
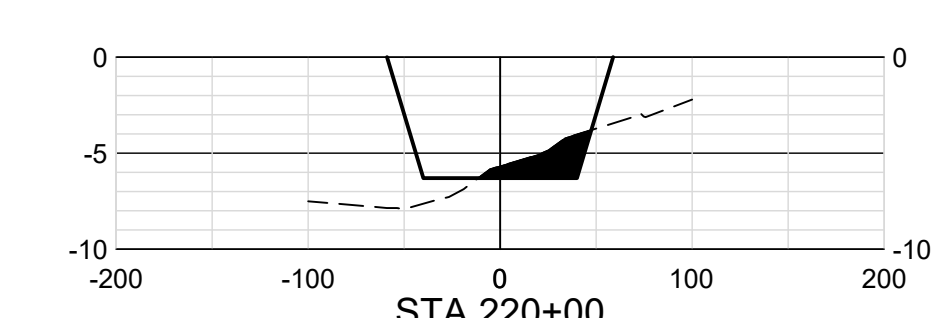
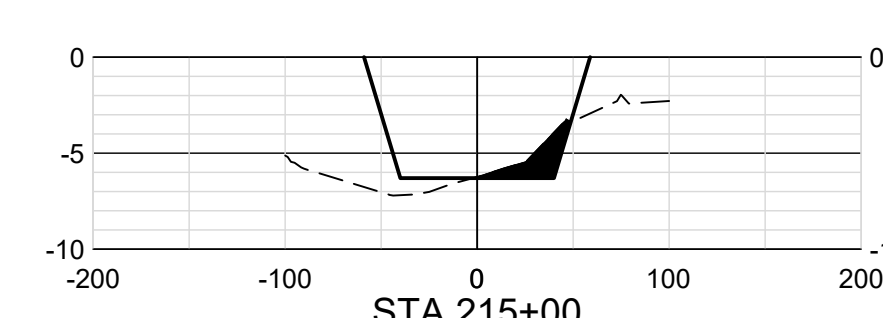
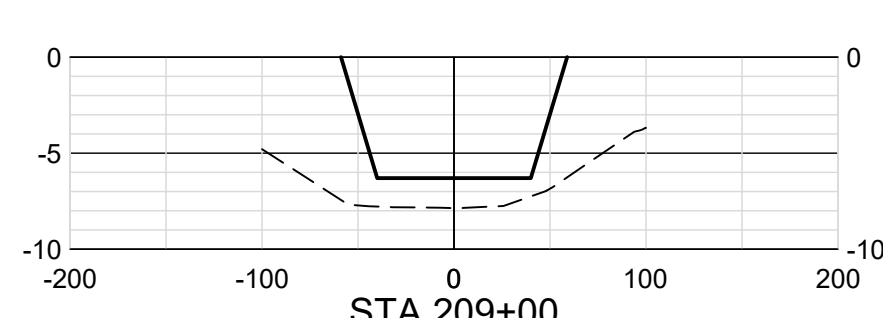
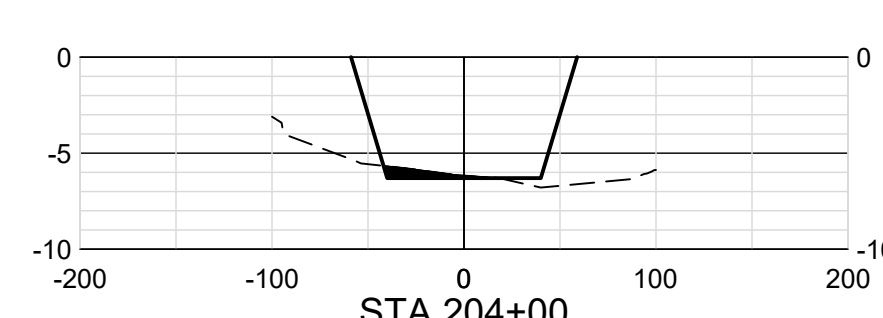
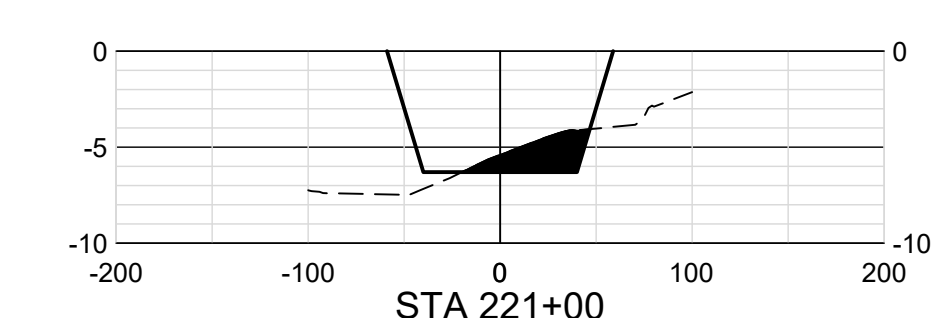
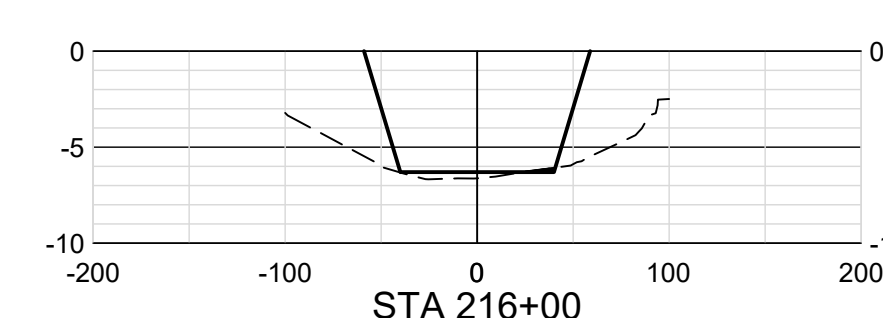
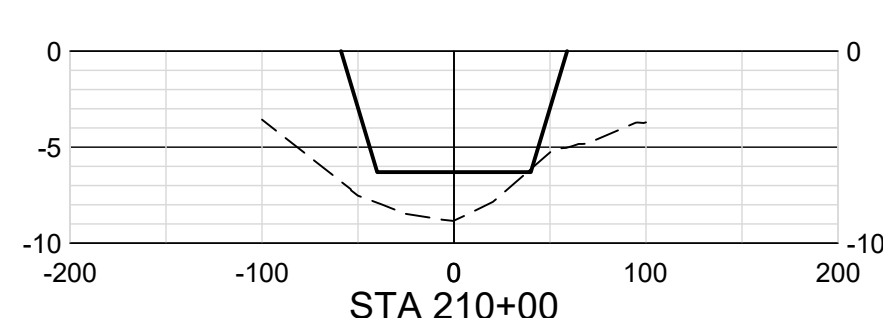
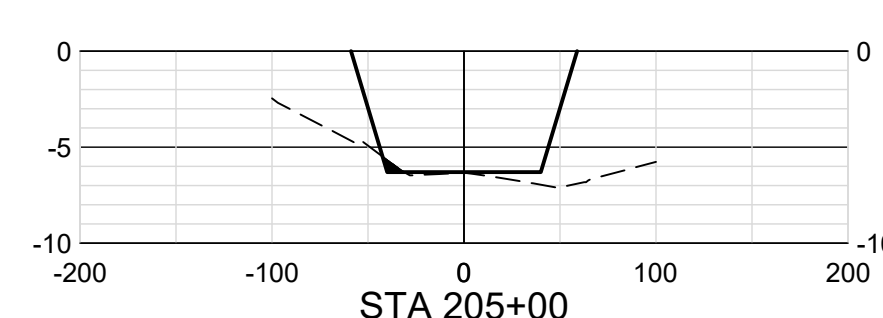
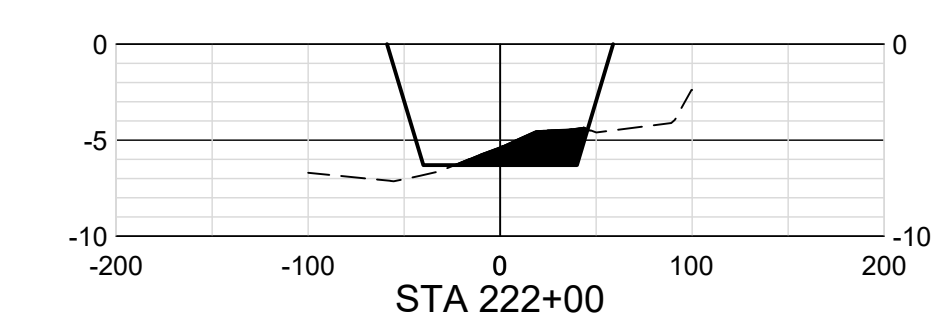
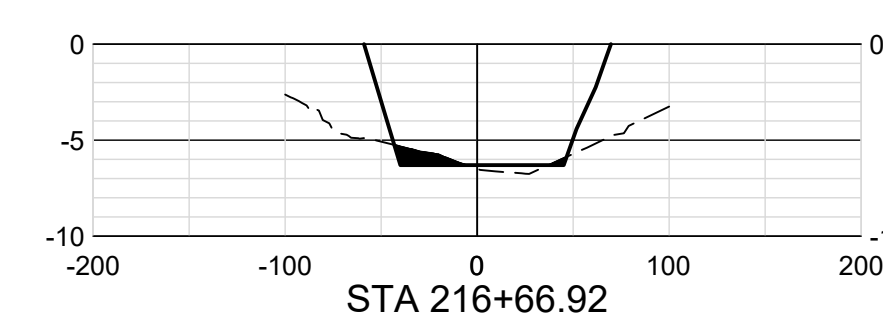
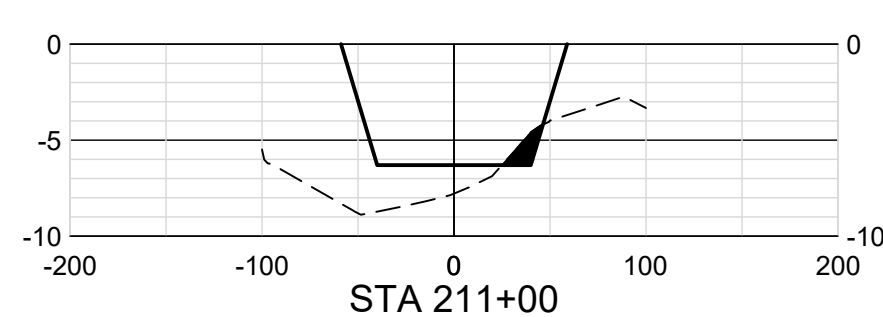
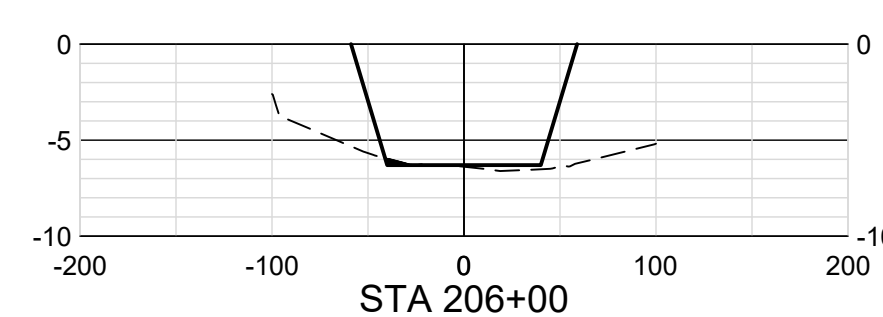
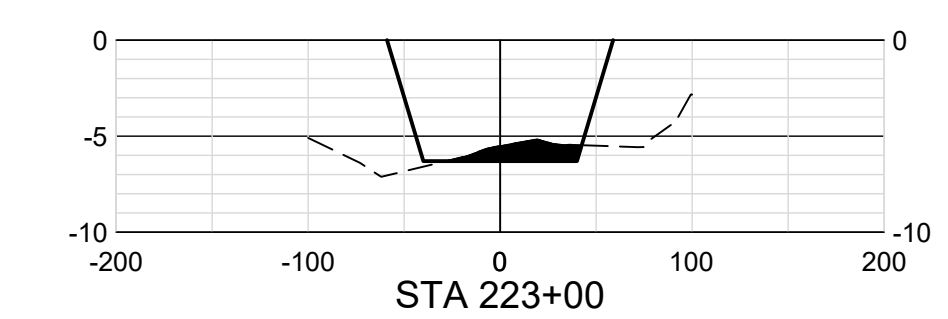
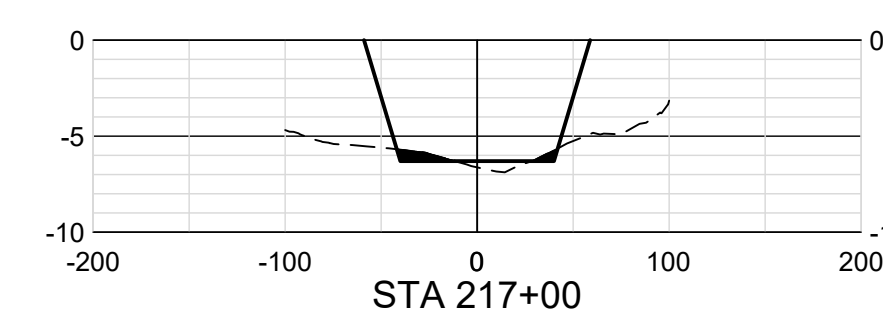
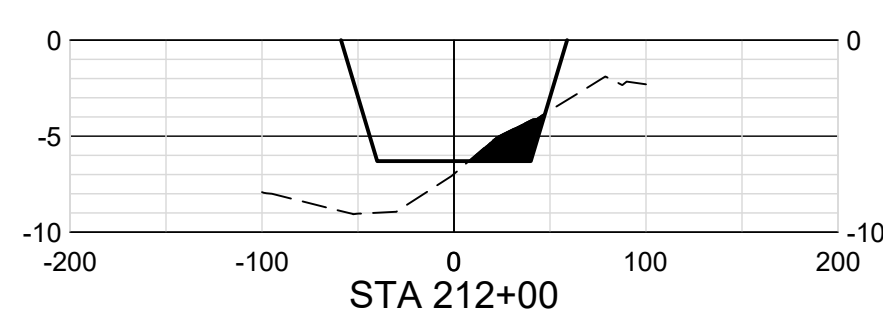
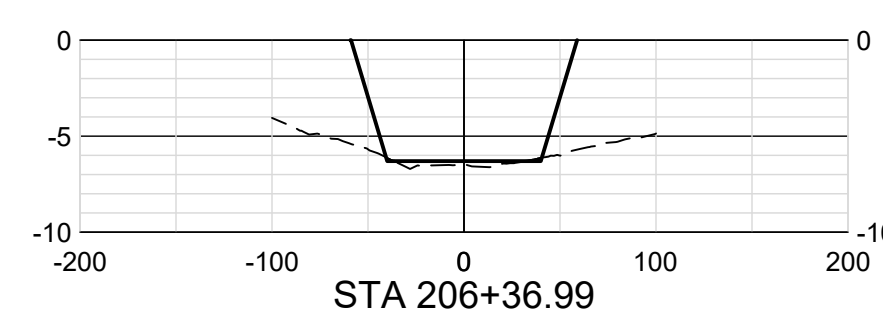
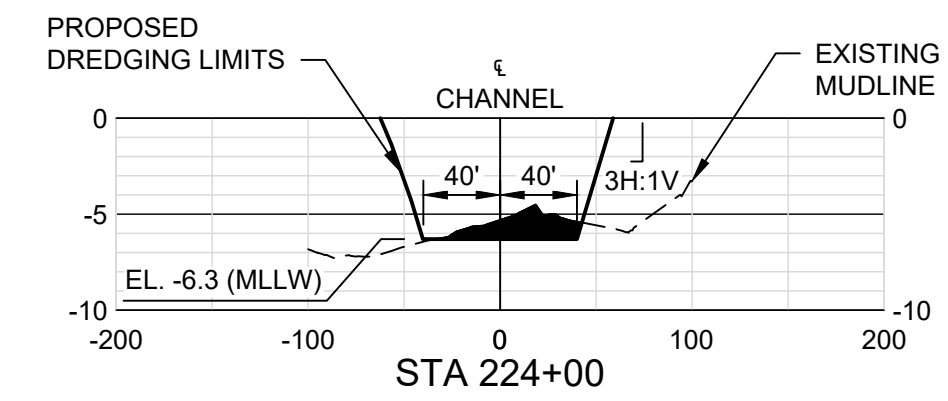
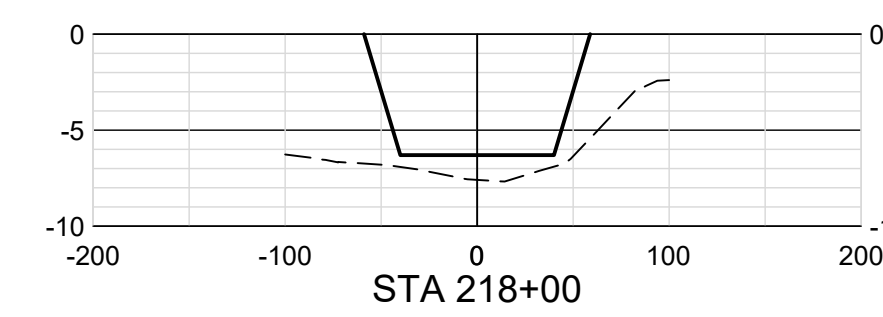
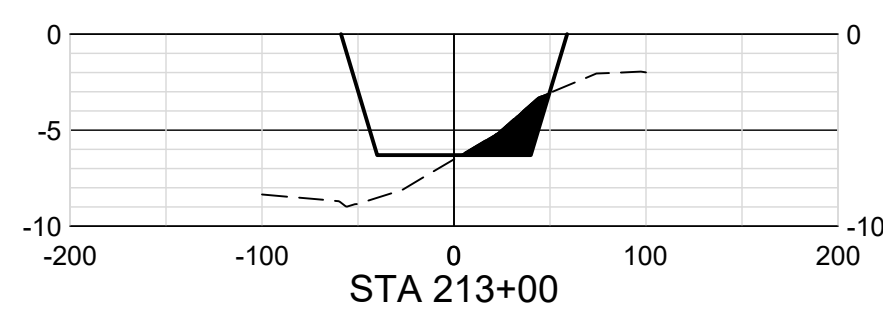
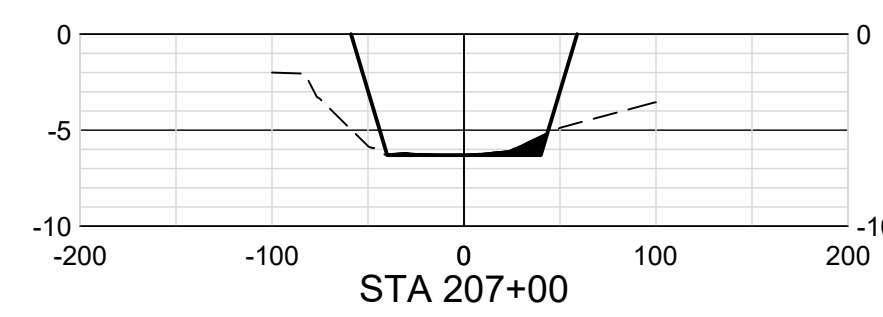
ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022



CROSS SECTIONS (9 OF 11)



FILENAME | 00C-XS01100.dwg
 SCALE | 1" = 100'



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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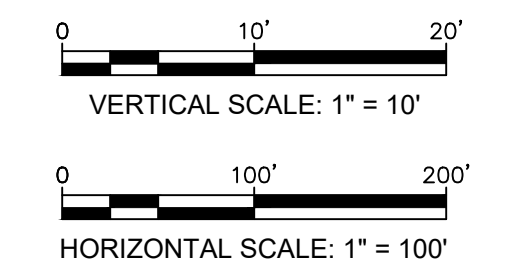
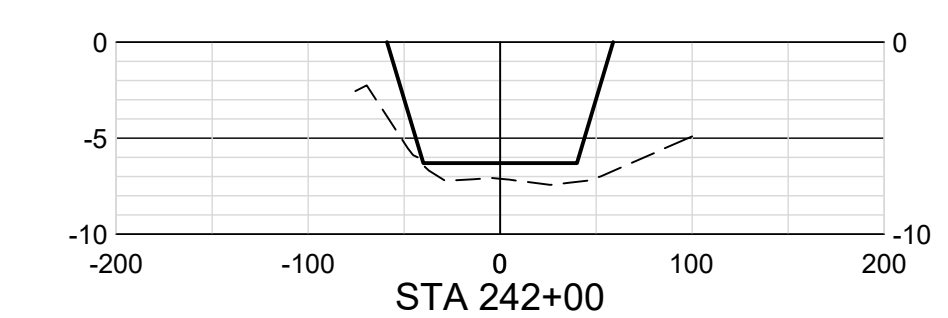
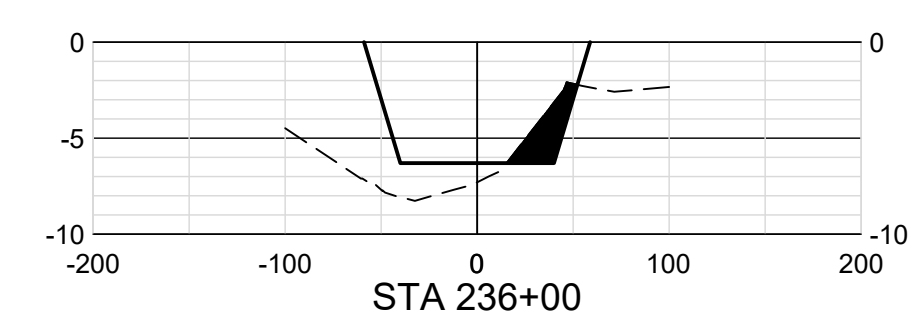
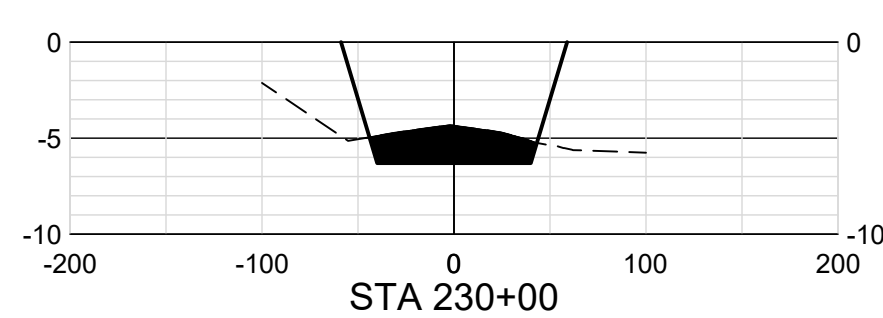
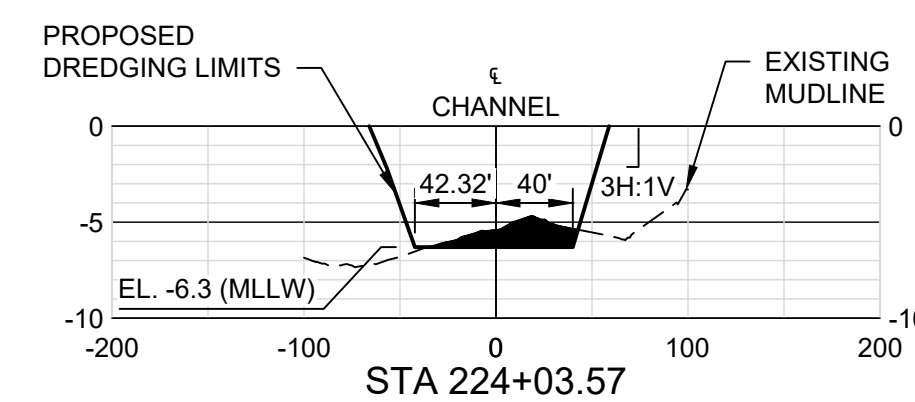
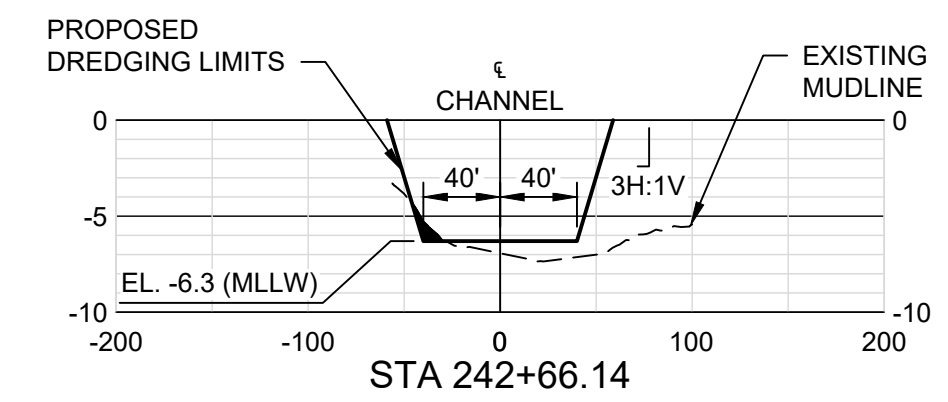
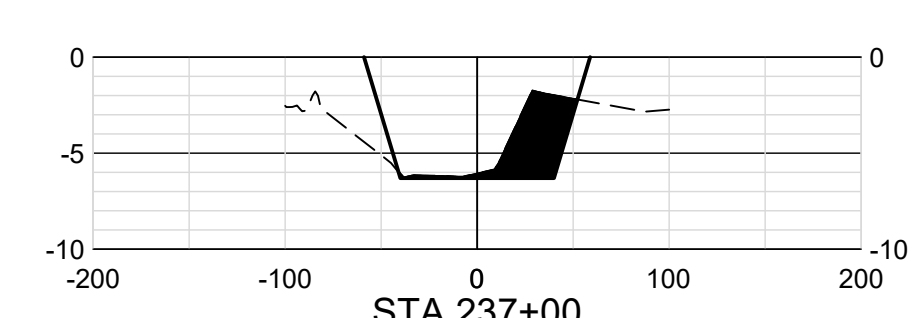
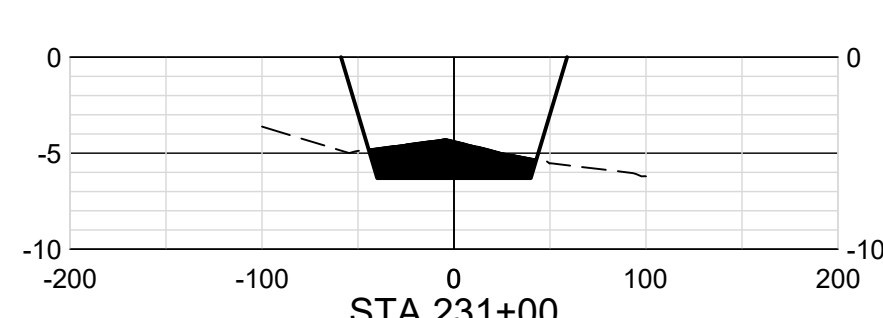
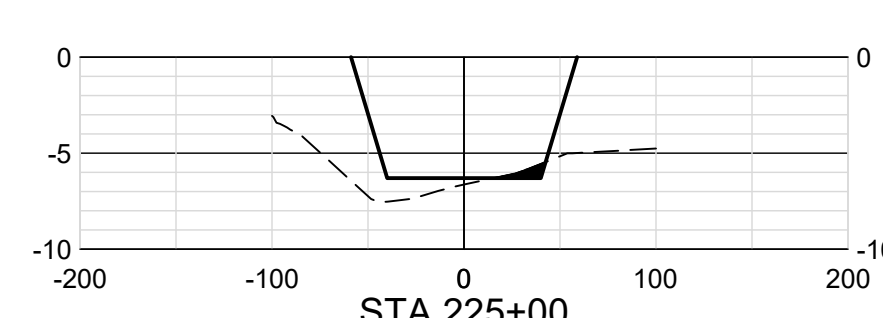
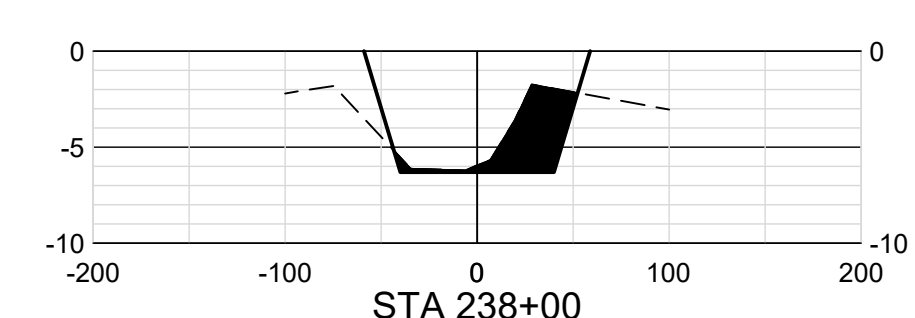
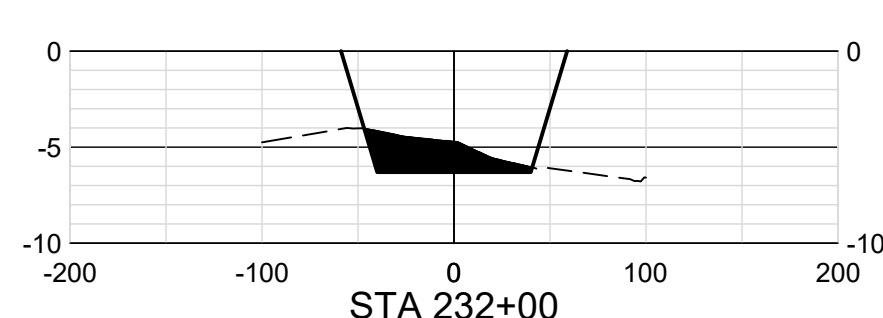
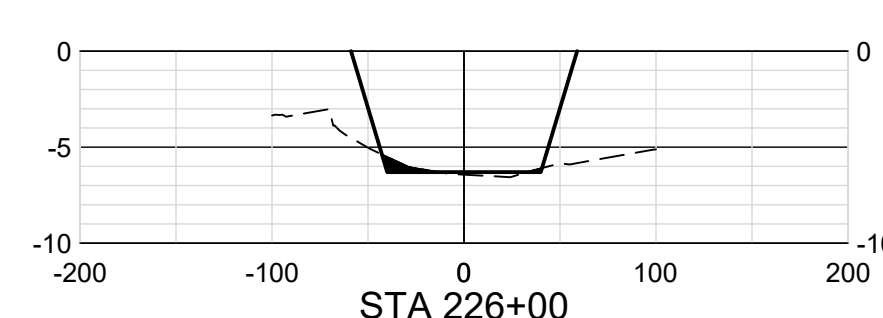
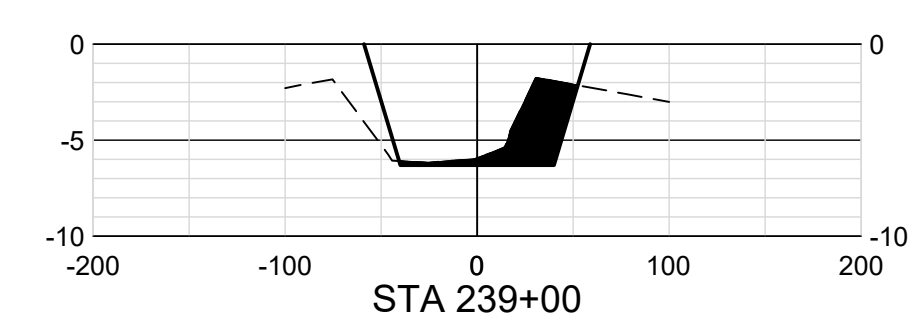
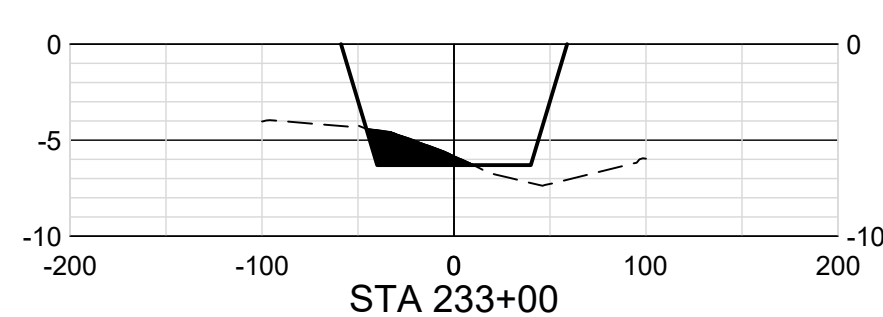
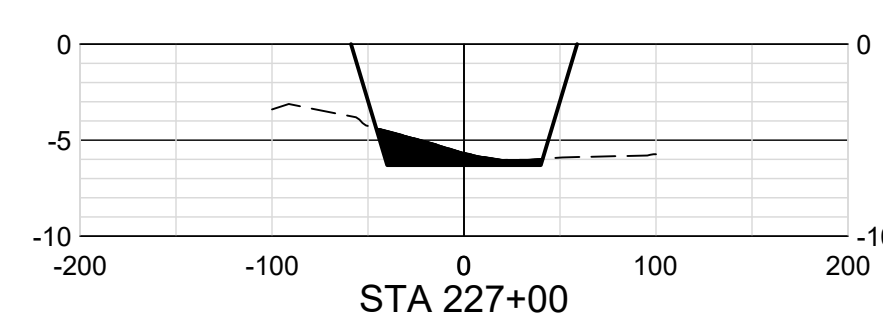
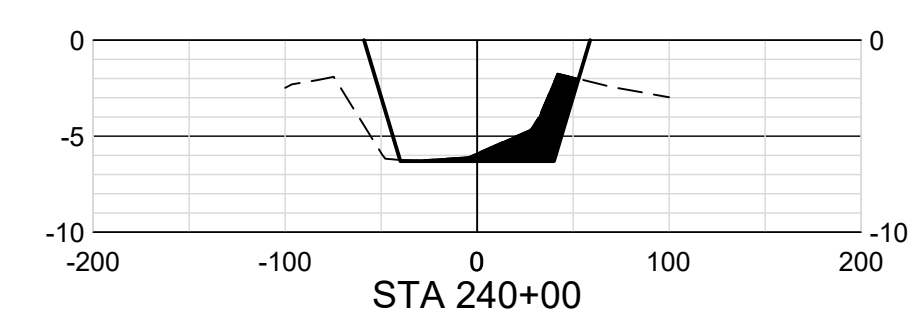
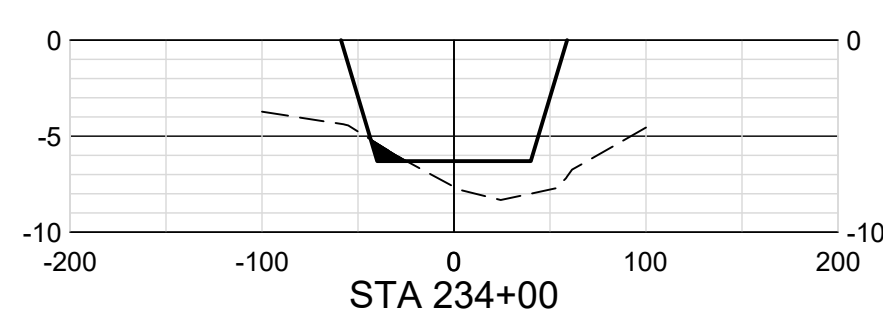
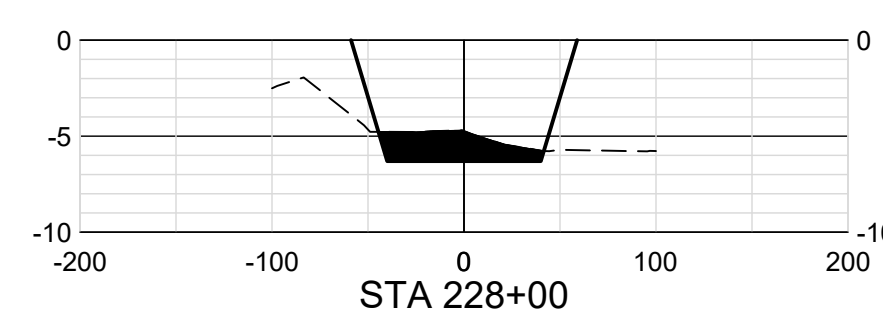
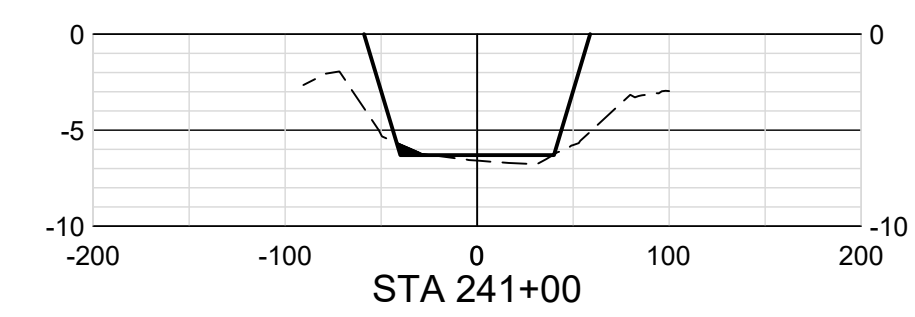
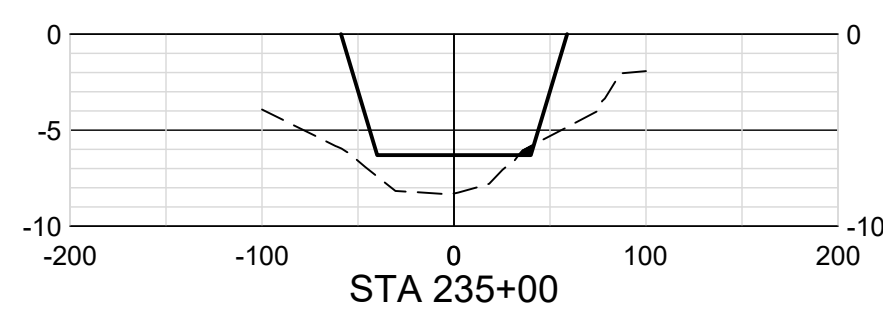
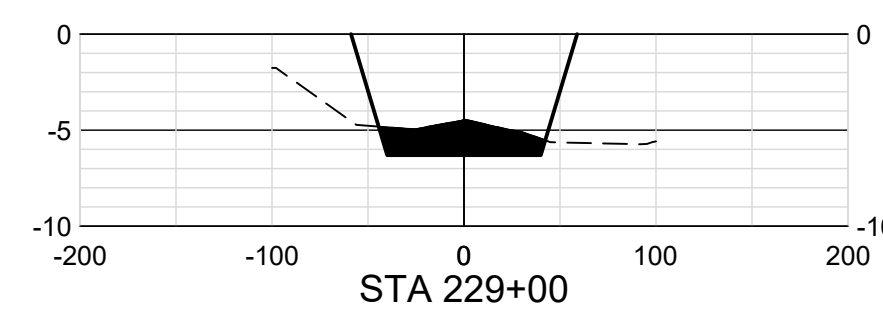
ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022



CROSS SECTIONS (10 OF 11)

FILENAME: 00C-XS01100.dwg
 SCALE: 1" = 100'

SHEET
26



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

30% SUBMITTAL PRELIMINARY

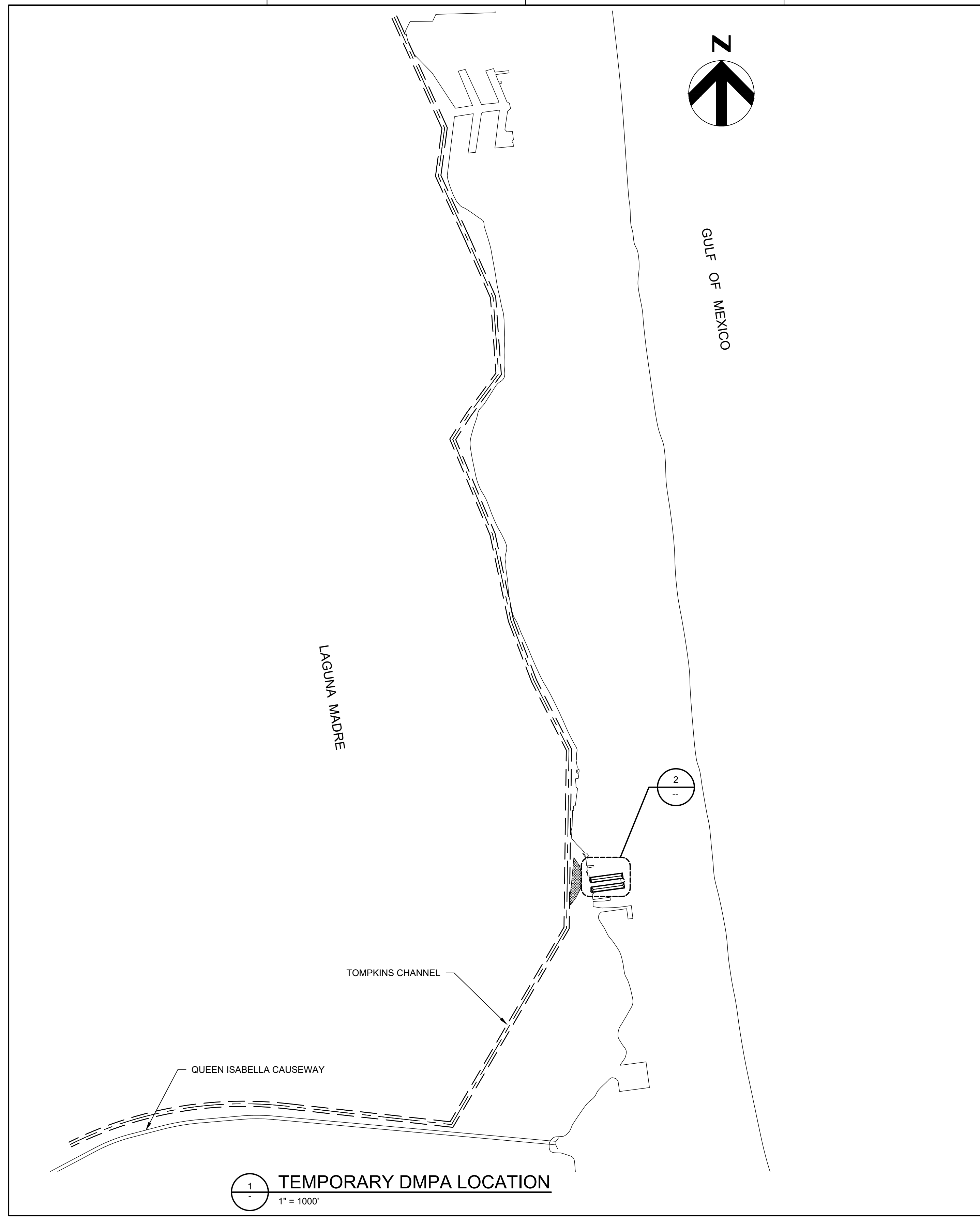
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ENGINEER: DANIEL E. GARZA
 LICENSE NO.: 104628
 DATE: 02/18/2022

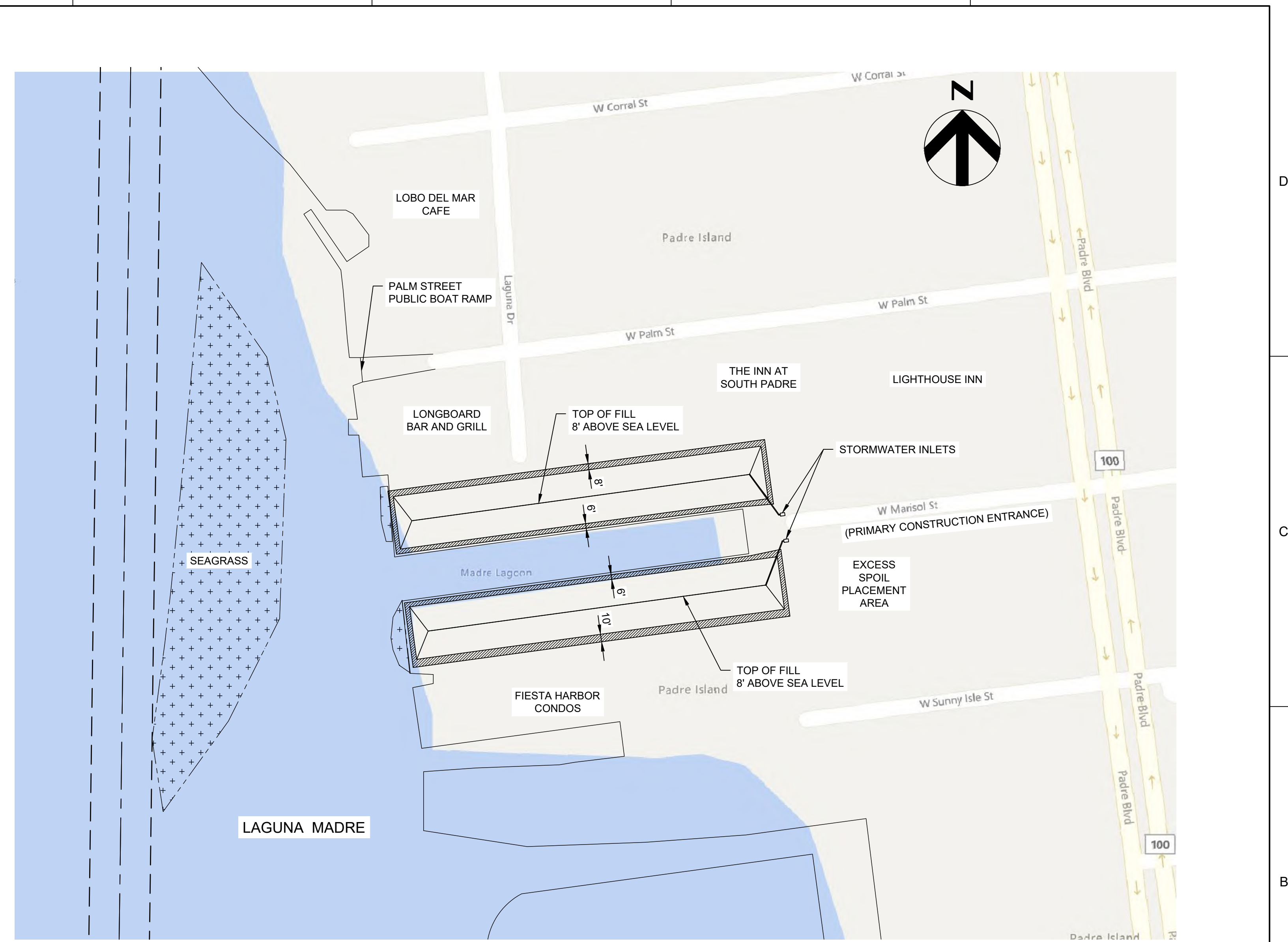


CROSS SECTIONS (11 OF 11)

FILENAME: 00C-XS01100.dwg
 SCALE: 1" = 100'
 SHEET: 27



1
1" = 1000'
TEMPORARY DMPA LOCATION



PROJECT NOTES:

1. A TEMPORARY CONSTRUCTION EASEMENT WILL BE GRANTED TO ALLOW THE USE OF THE SEA HORSE HARBOR SUBDIVISION FOR THE DURATION OF THIS PROJECT. THE CONTRACTOR MAY USE THE SPECIFIED AREA TO UNLOAD DREDGED MATERIAL FROM BARGES AND SPREAD IT.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING CHANNEL CLEARANCES AND WATER DEPTHS TO VERIFY THAT THERE IS ADEQUATE OPERATING ROOM.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE STABILITY OF THE EXISTING BULKHEAD PRIOR TO PLACING ANY LOAD ON OR ADJACENT TO THE STRUCTURE. ANY MATS, SHORING OR OTHER PROTECTIVE FEATURES REQUIRED FOR THE USE OF THE SITE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
4. CONTRACTOR IS RESPONSIBLE FOR LOCATING RETAINING WALL TIEBACKS/DEADMEN. ANY DAMAGED CAUSED TO THE RETAINING WALL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE SITE SHALL BE KEPT IN A NEAT AND ORDERLY FASHION DURING THE PROSECUTION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING THE SITE TO ITS PRE-EXISTING CONDITION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO ANY DAMAGES TO LOCAL INFRASTRUCTURE SUCH AS STREETS, MANHOLES, ETC.
7. THE CONTRACTOR SHALL SUBMIT A POLLUTION PREVENTION PLAN THAT WILL SHOW HOW THE SITE WILL BE PREPARED AND MAINTAINED SO THAT THE EXCESS SILT OR OTHER POLLUTANTS ARE PREVENTED FROM ENTERING THE LAGUNA MADRE BAY
8. THE CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING SEA GRASS BEDS THAT ARE OUTSIDE OF THE LIMITS OF THE CHANNEL. THE CONTRACTOR IS RESPONSIBLE FOR THE MITIGATION OF ANY SHORT-TERM OR LONG-TERM IMPACTS TO SEAGRASSES AT NO ADDITIONAL EXPENSE TO THE OWNER.

2
1" = 100'
TEMPORARY DMPA LAYOUT

LEGEND:

	OUTSIDE SLOPE OF BERM
	SEAGRASS



ISSUE	DATE	DESCRIPTION
A	02/18/2022	ISSUED FOR REVIEW

PROJECT MANAGER	DANIEL E. GARZA
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DRAWN BY	M. CANTU
CHECKED BY	C. PERRY
PROJECT NUMBER	10310755

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ENGINEER: DANIEL E. GARZA
LICENSE NO.: 104628
DATE: 02/18/2022



PLACEMENT AREA PLAN AND DETAILS

0 1" 2"

FILENAME | 01C-01.dwg
SCALE | AS NOTED

SHEET | 28