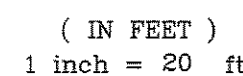
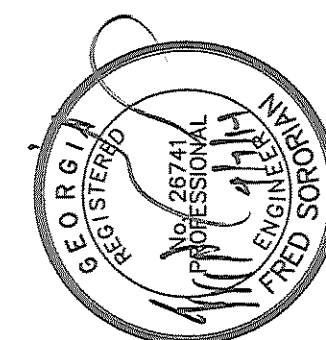


GRAPHIC SCALE



SCALE: 1"=20'

[illegible]

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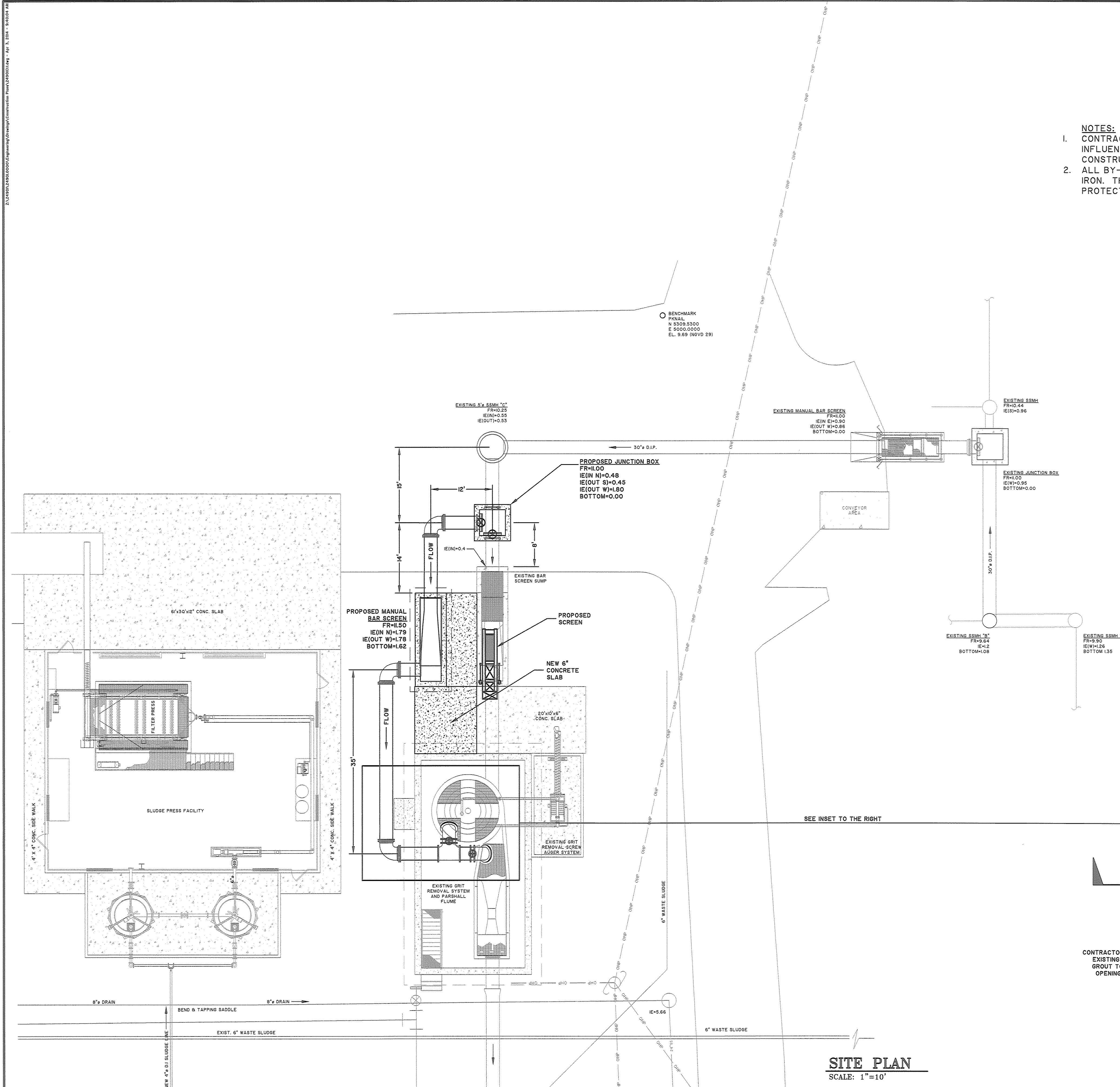
Bruswick, GA | Charleston, SC | Myrtle Beach, SC | Wilmington, NC

SAINT SIMONS ISLAND, GEORGIA (GLYNN COUNTY)

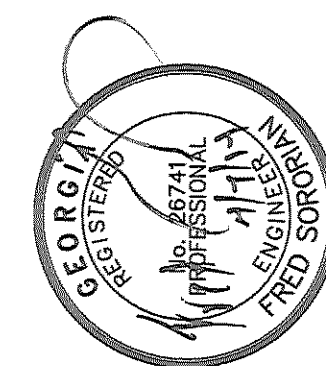
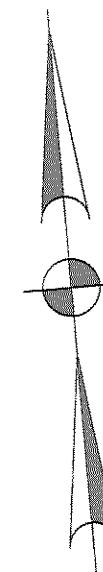
PARTIAL PROJECT MAP

JOB NO:	J-24901
DATE:	April 2014
DRAWN:	MJS
DESIGNED:	FS
REVIEWED:	FS
APPROVED:	ACS
SCALE:	1"=20'

G1.3



- NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR ALL INFLUENT SEWER BY-PASSING DURING CONSTRUCTION ACTIVITIES.
 2. ALL BY-PASS PIPING SHALL BE DUCTILE IRON. THE INTERIOR LINING SHALL BE PROTECTO 401 CERAMIC EPOXY.

[illegible]

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DUNBAR CREEK WWTP

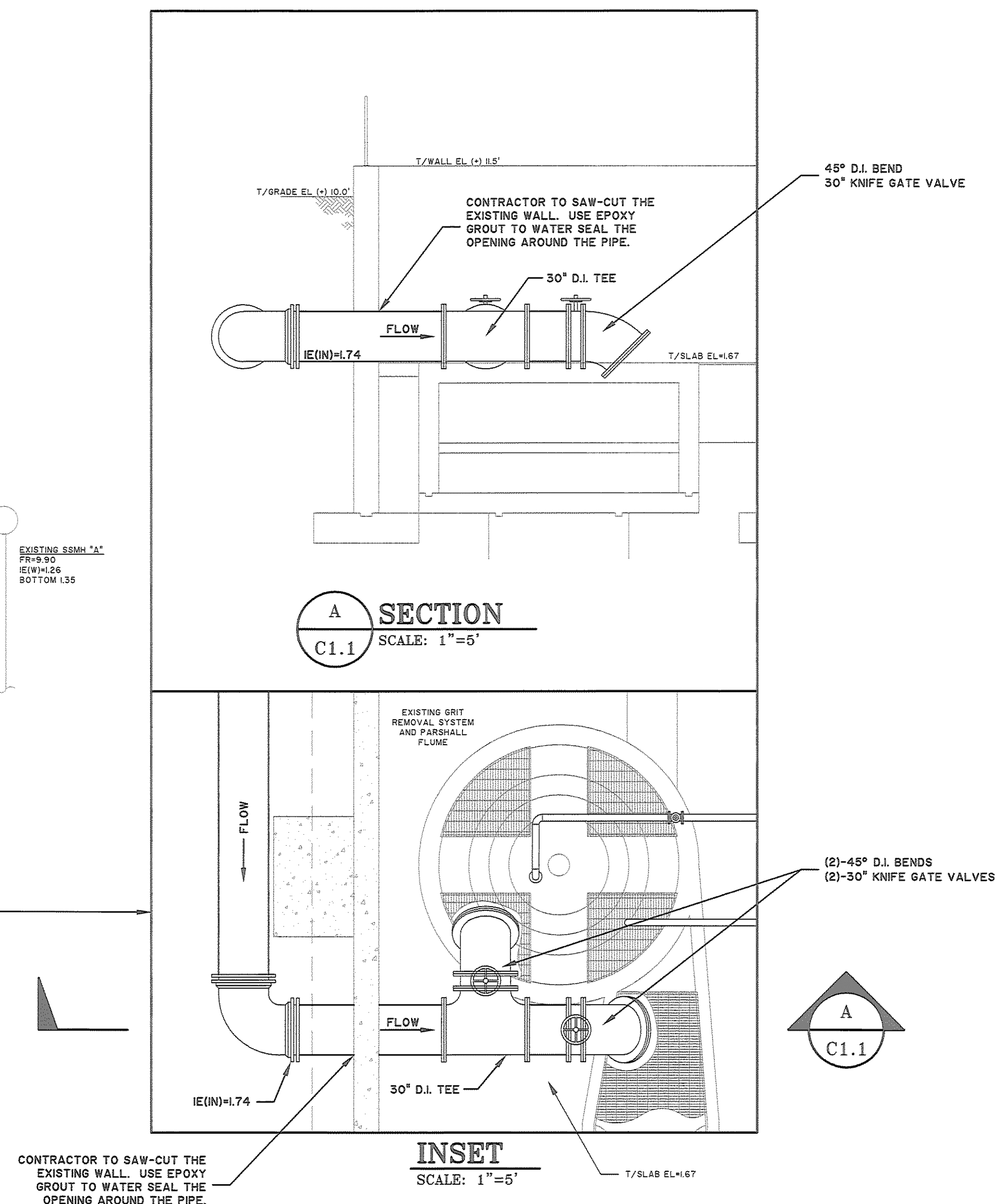
SAINT SIMONS ISLAND, GEORGIA (GL'YNN COUNTY)

HEAD WORK MODIFICATIONS

PARTIAL SITE PLAN

JOB NO: J-24901
DATE: April 2014
DRAWN: MJS
DESIGNED: FS
REVIEWED: FS
APPROVED: ACS
SCALE: 1"=10'

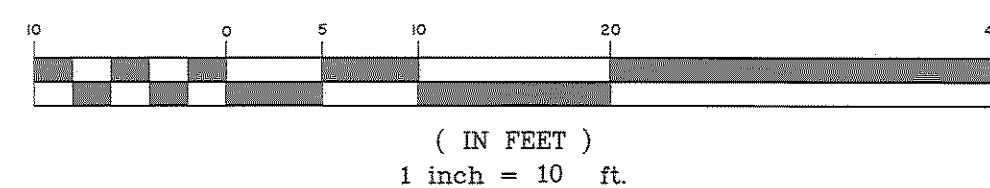
C1.1



CONTRACTOR TO SAW-CUT THE
EXISTING WALL. USE EPOXY
GROUT TO WATER SEAL THE
OPENING AROUND THE PIPE.

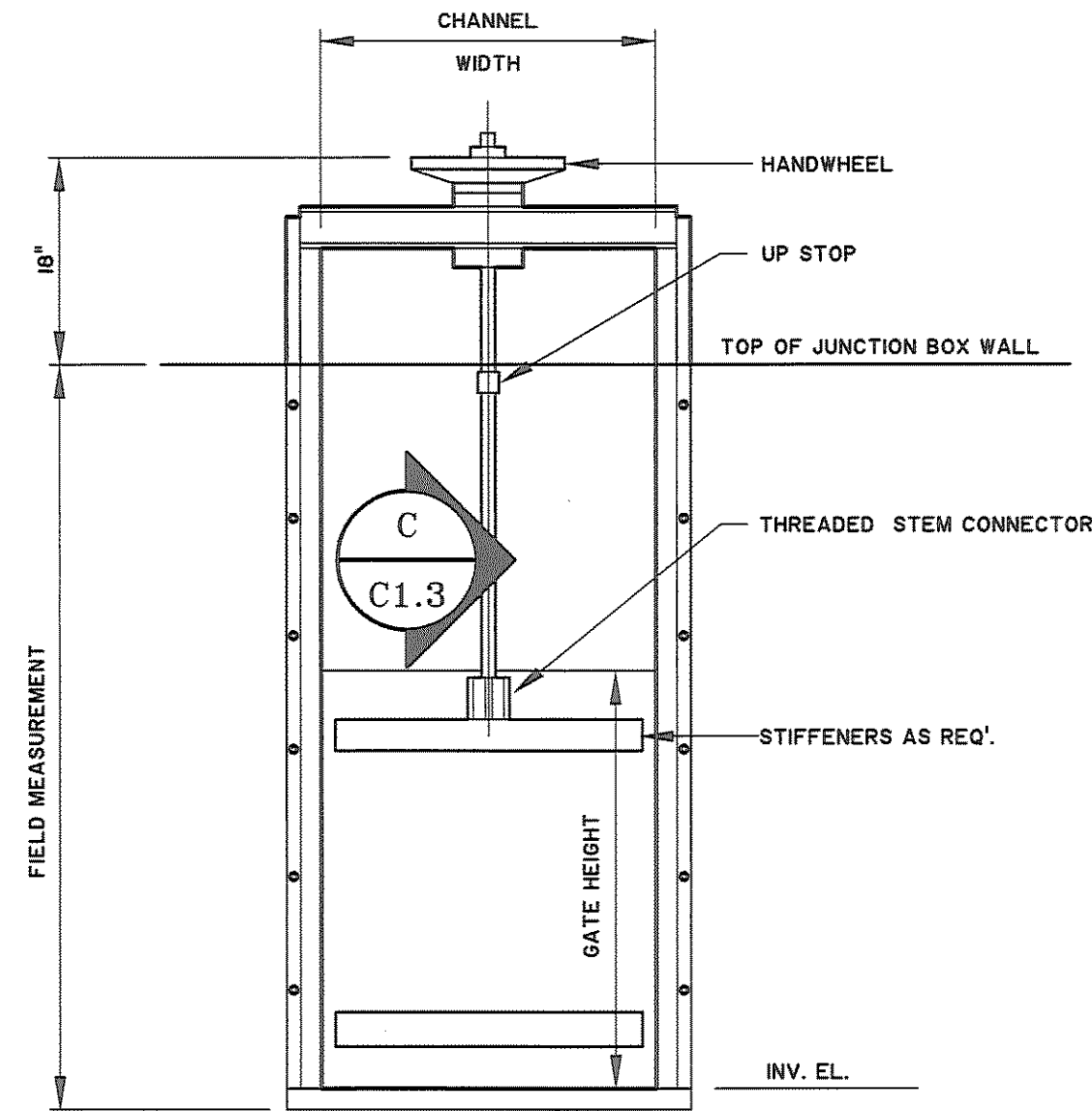
INSET
SCALE: 1"=5'

GRAPHIC SCALE

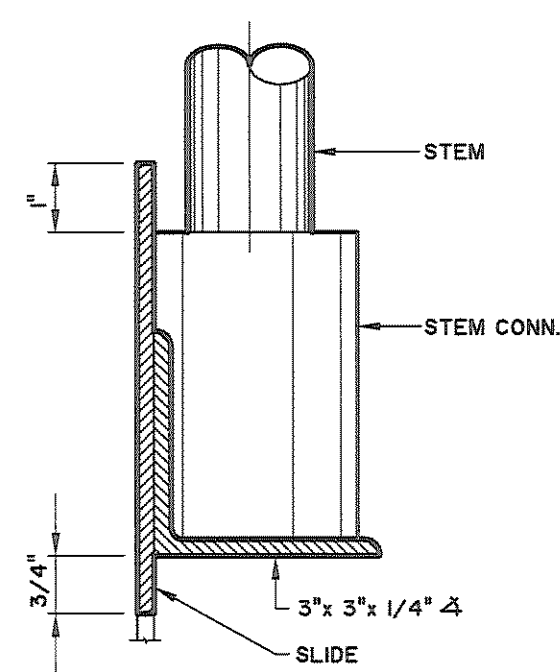


(IN FEET)
1 inch = 10 ft.

2. L:\DWG\2016\2016\0000\Engineering\Drawings\Construction\Plan\JUNCTION.Box.dwg - Apr. 3, 2016 - 10:07:52 AM

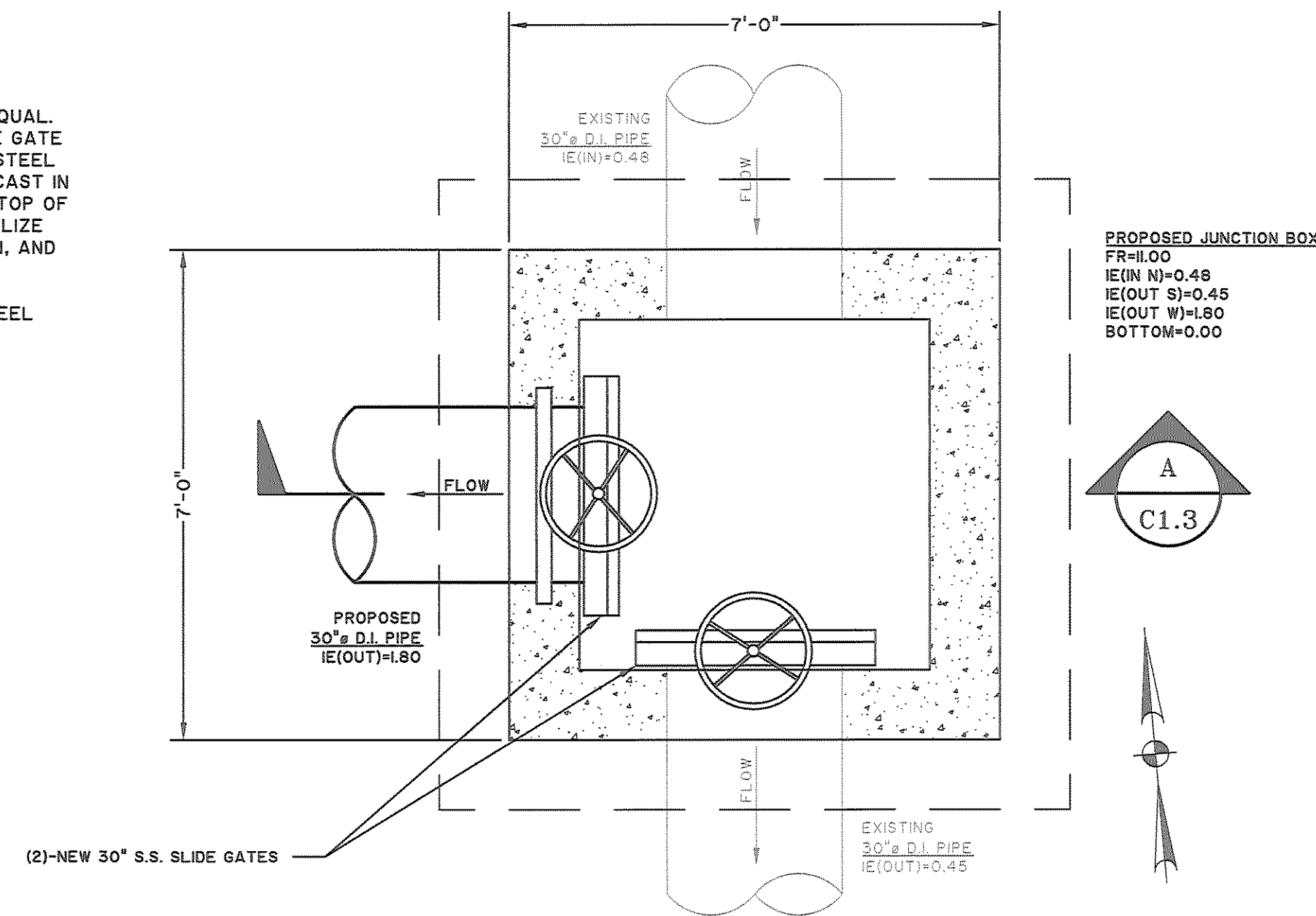


**WALL MOUNTED
SLUICE GATE AT
NEW JUNCTION BOX**
SCALE: NONE

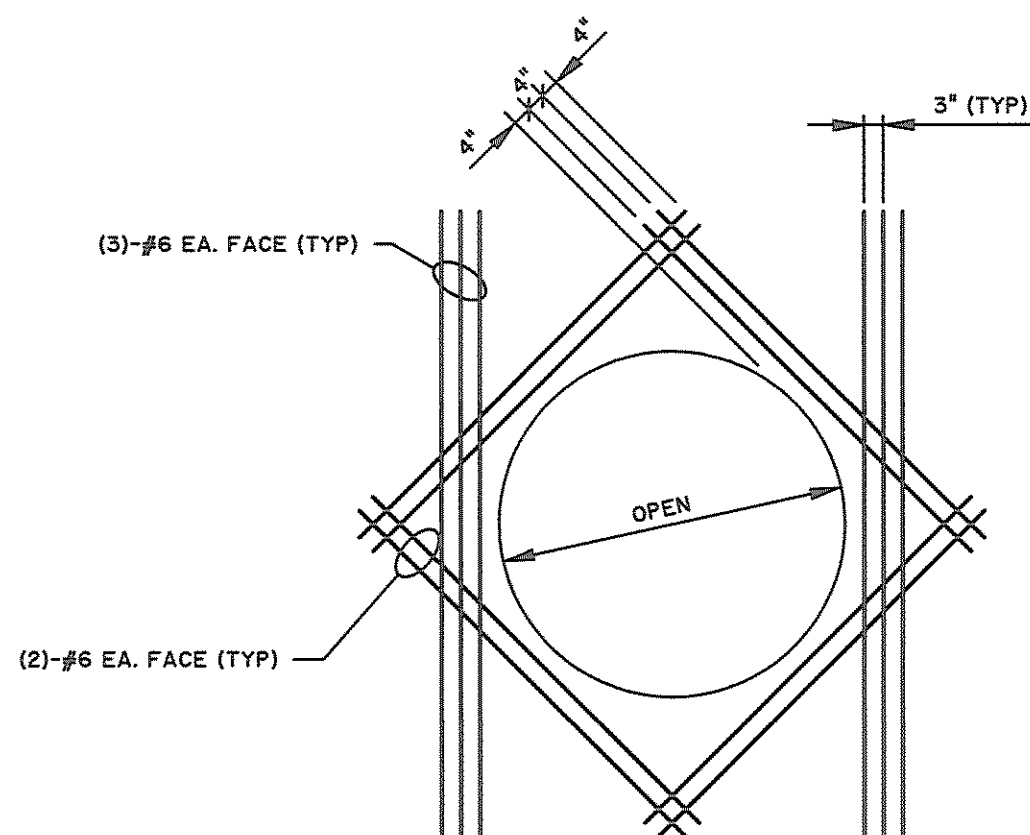


STEM DETAIL
SCALE: N.T.S.

- SLIDE GATE NOTES:**
1. THE GATES SHALL BE MADE OF 316 S.S.
 2. THE GATES SHALL BE MANUFACTURED BY GOLDEN HARVEST, RODNEY HUNT (FONTAINE) OR APPROVED EQUAL.
 3. SLIDE GATE, WHERE SHOWN ON THE DRAWINGS, SLIDE GATE SHALL BE ATTACHED TO THE WALLS BY STAINLESS STEEL ANCHOR BOLTS IN APPROVED EXPANSION SHIELD OR CAST IN THE WALL. THE FRAME SHALL BE SECURED TO THE TOP OF THE WALL BY STAINLESS STEEL BRACKETS TO STABILIZE THE FRAME. THE GATES SHALL BE THE SIZES SHOWN, AND MEET THE FOLLOWING SPECIFICATIONS:
 - A. FRAME (SLIDING GUIDES, SLIDE PLATE, SLIDE REINFORCING AND RETAINER) - STAINLESS STEEL
 - B. FASTENERS - STAINLESS STEEL
 - C. SEAL - RUBBER
 - D. STEM - STAINLESS STEEL
 - E. OPERATED BY - WHEEL, 12" DIAMETER OR HANDGRIP (AS SHOWN ON DRAWINGS)

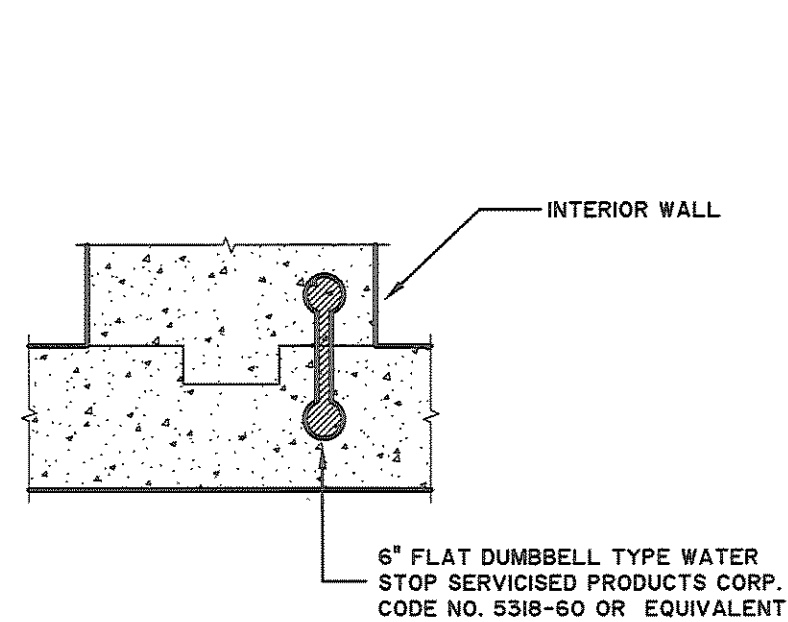


JUNCTION BOX - PLAN
SCALE: 1/2" = 1'-0"

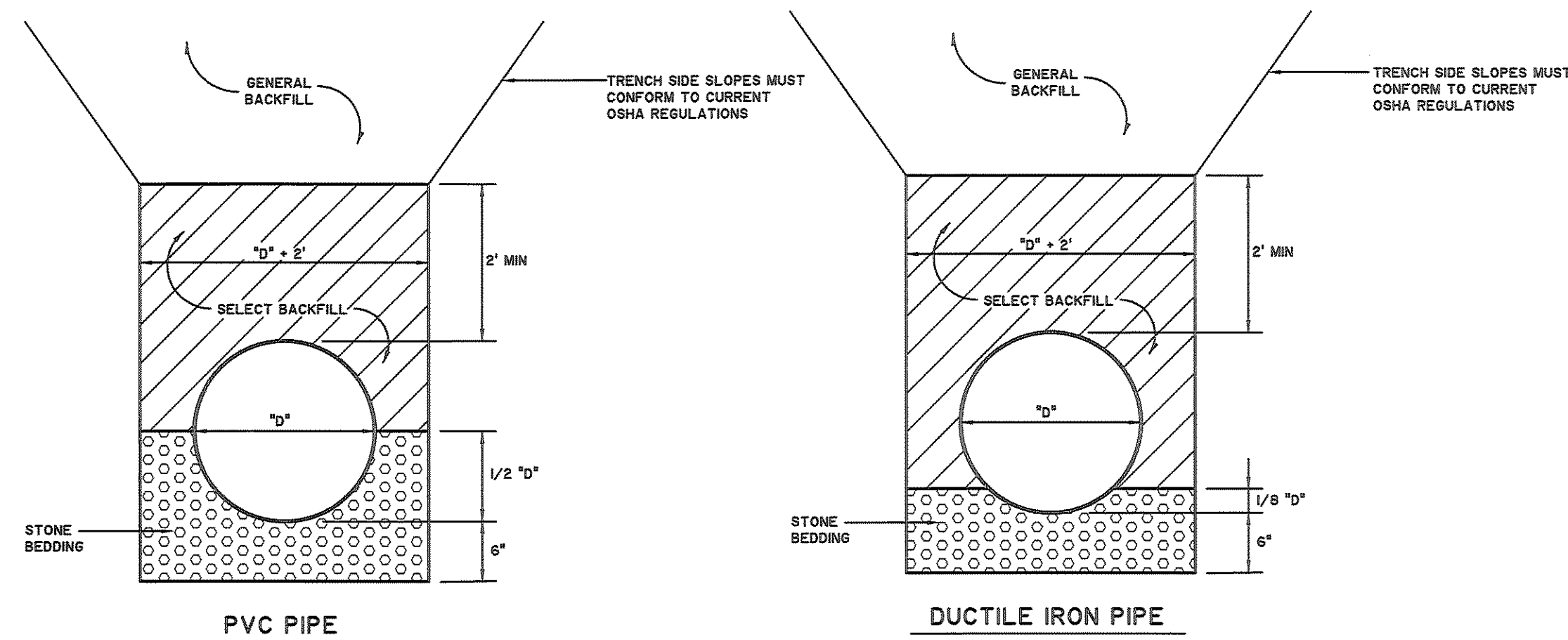


NOTE:
REINFORCEMENT SHOWN ABOVE IS IN ADDITION TO
REGULAR WALL REINFORCEMENT

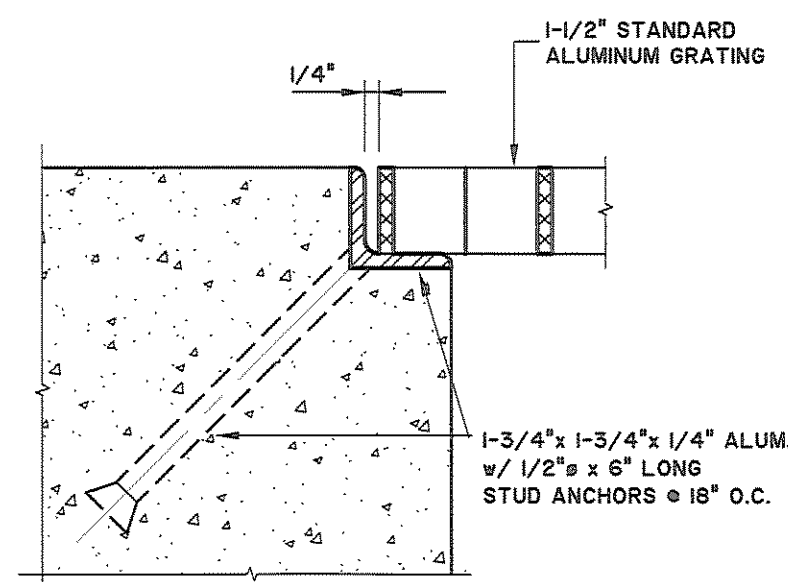
**TYPICAL REINFORCED
WALL/ SLAB OPENING**
SCALE: NONE



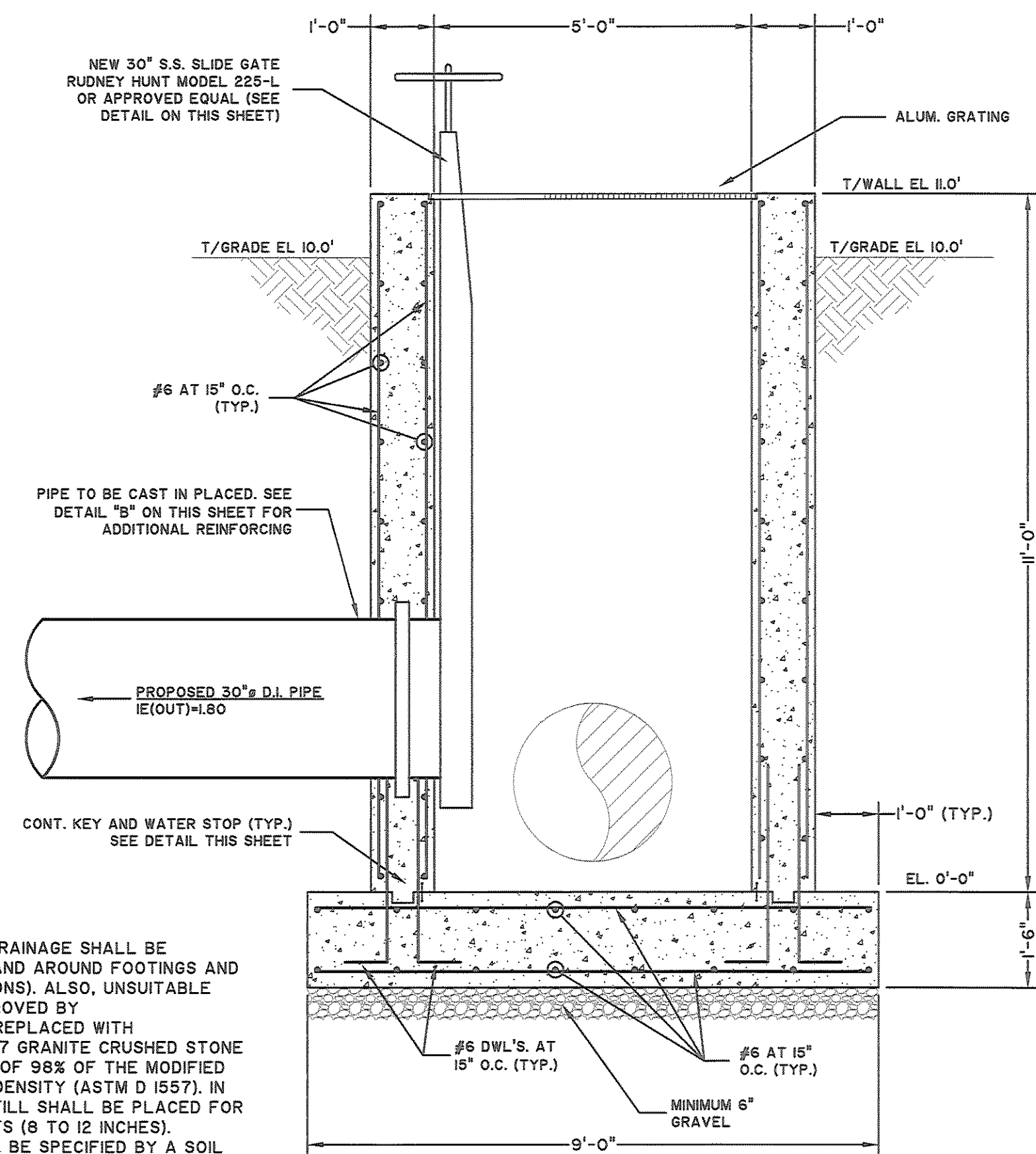
TYPICAL WATER STOP
SCALE: NONE



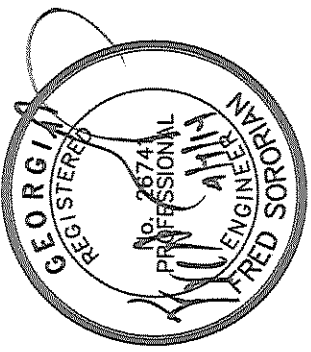
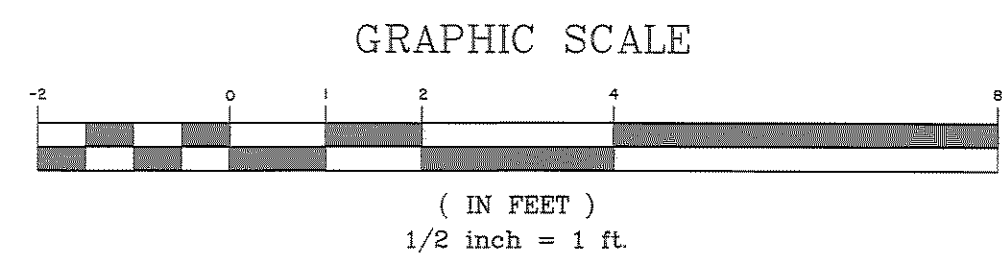
PIPE BEDDING DETAILS
SCALE: NOT TO SCALE



SECTION
SCALE: NONE



SECTION
SCALE: 1/2" = 1'-0"



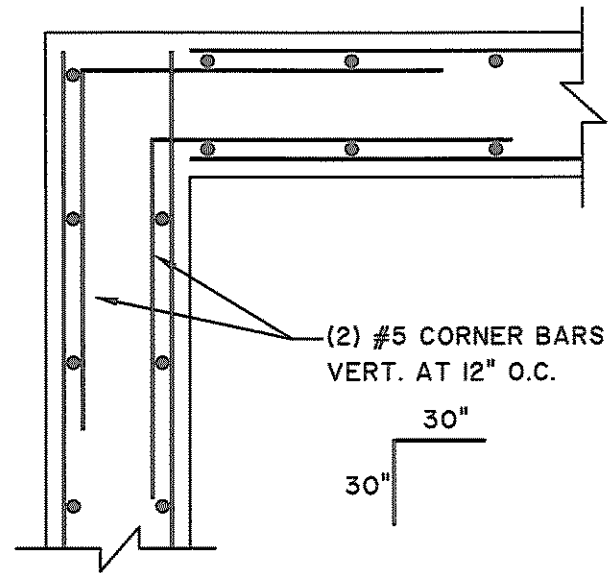
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DUNBAR CREEK WWTP
SAINT SIMONS ISLAND, GEORGIA (GLYNN COUNTY)
HEAD WORK MODIFICATIONS
INFLUENT JUNCTION BOX DETAIL

JOB NO: J-24901
DATE: April 2014
DRAWN: MJS
DESIGNED: FS
REVIEWED: FS
APPROVED: ACS
SCALE: 1/2"=1'-0"

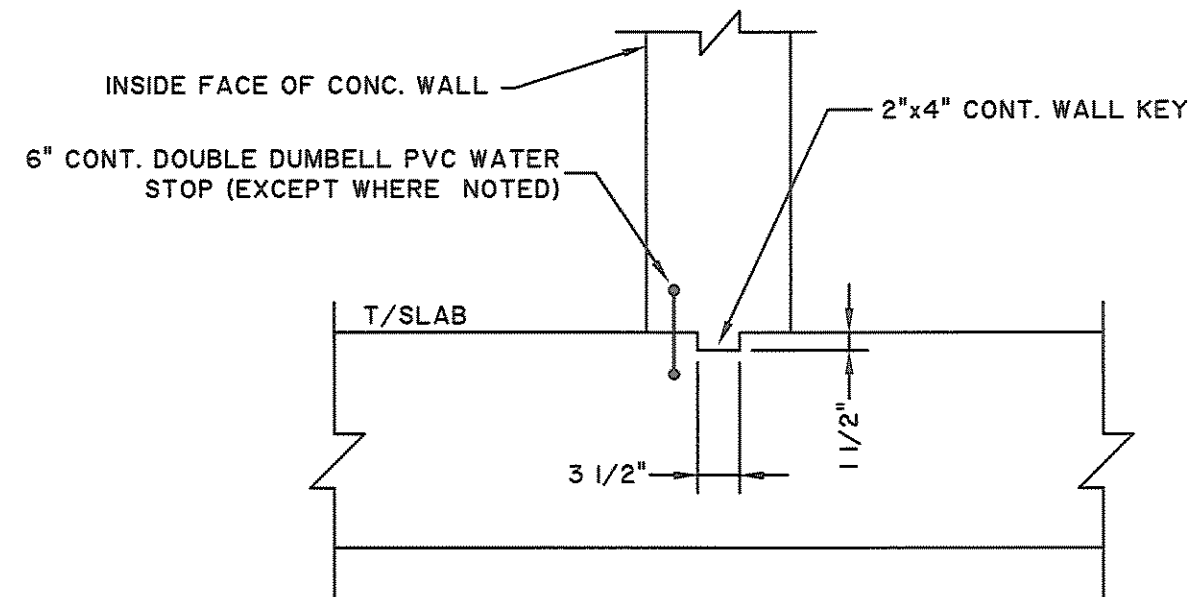
C1.3

2/15/2014 10:40:00 AM C:\Users\jthompson\Documents\Projects\2014\2014-04-15\2014-04-15.dwg - Apr 15, 2014 - 10:40:00 AM



TYPICAL WALL CORNER REINFORCING DETAIL

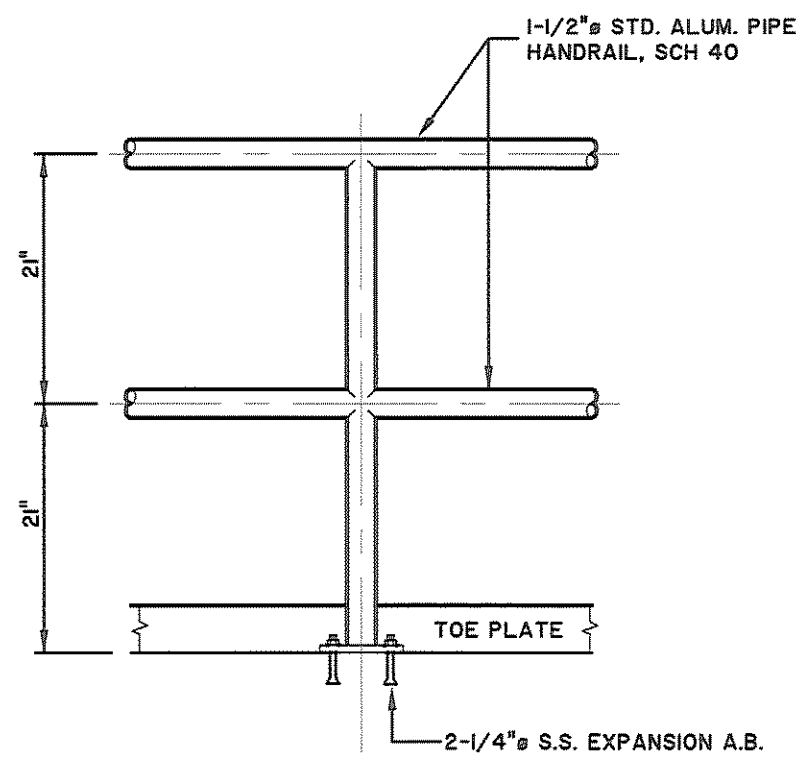
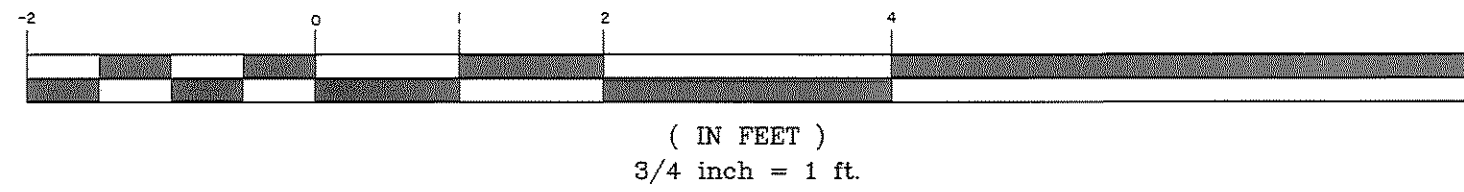
SCALE: 3/4" = 1'-0"



TYPICAL WALL KEY DETAIL

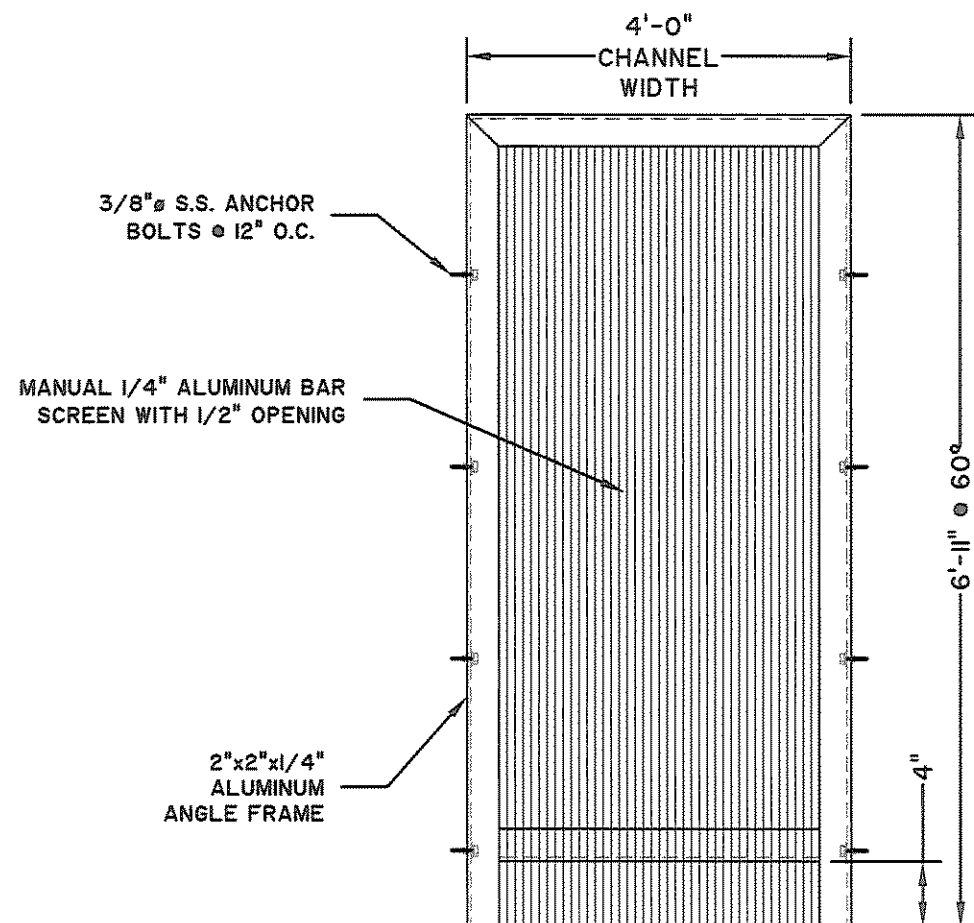
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE



TYPICAL HANDRAIL DETAIL

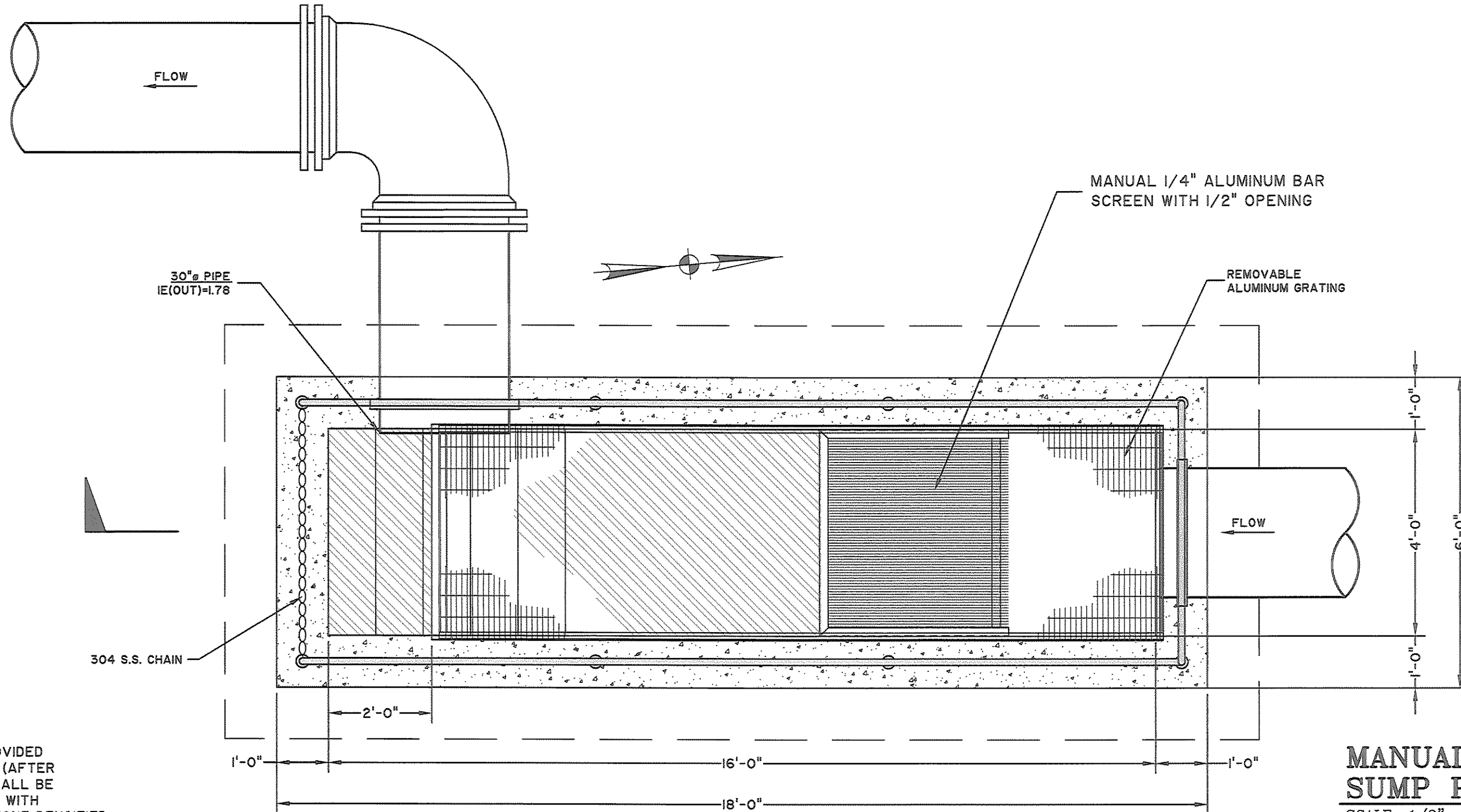
SCALE: NOT TO SCALE



ALUMINUM MANUAL BARSCREEN

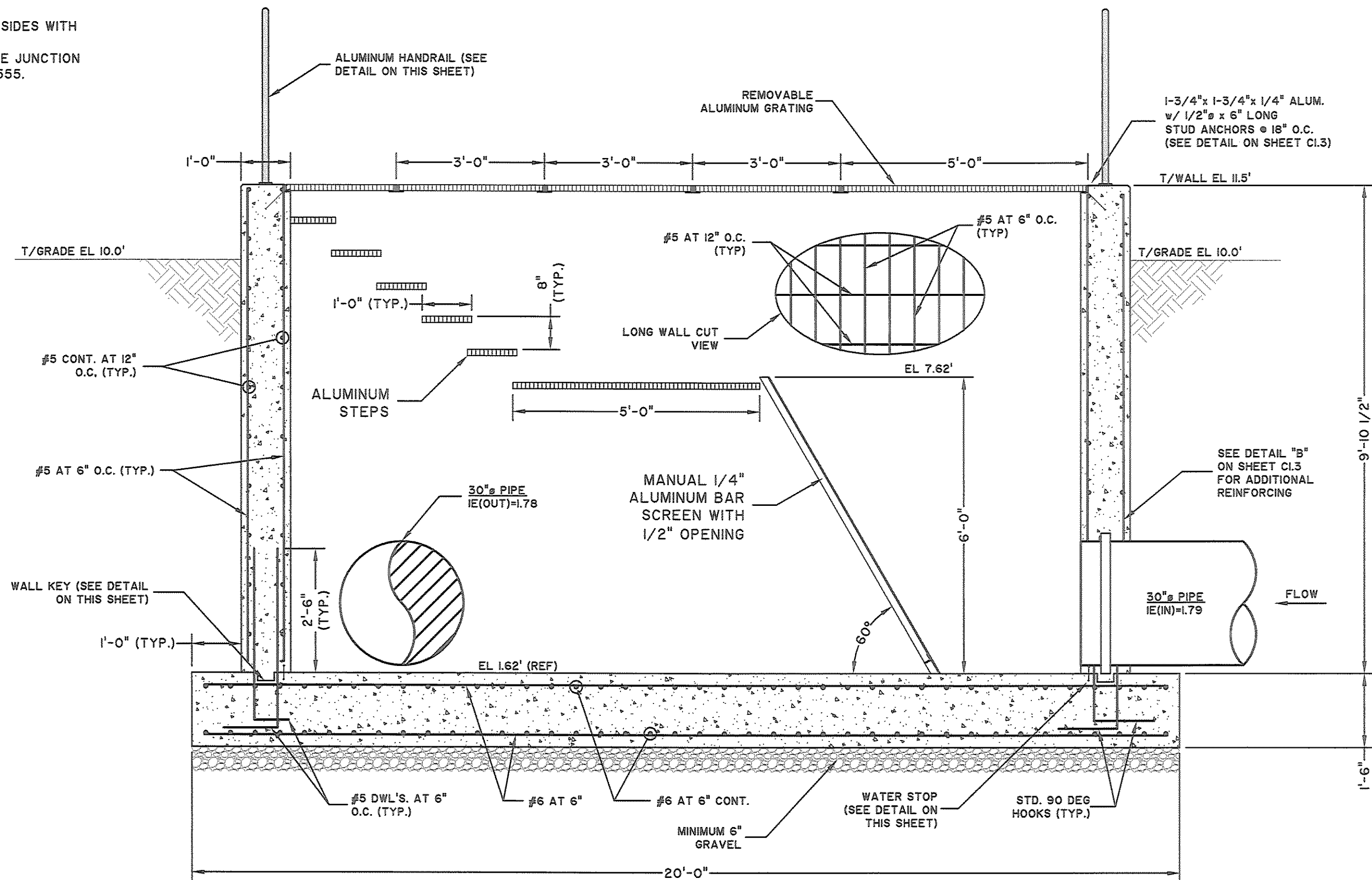
SCALE: NONE

- NOTE:**
- STRUCTURAL FILL AND DRAINAGE SHALL BE PROVIDED UNDERNEATH AND AROUND FOOTINGS AND PIPES (AFTER EXCAVATIONS). ALSO, UNSUITABLE MATERIAL SHALL BE REMOVED BY OVER-EXCAVATION AND REPLACED WITH STRUCTURAL FILL OR #57 GRANITE CRUSHED STONE DENSIFIED TO A MINIMUM OF 98% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D 1557). IN GENERAL, STRUCTURAL FILL SHALL BE PLACED FOR COMPACTION IN THIN LIFTS (8 TO 12 INCHES). STRUCTURAL FILL SHALL BE SPECIFIED BY A SOIL ENGINEER FOR COMPOSITION AND COMPACTION.
 - ALUMINUM GRATINGS SHALL BE CUT TO THE LENGTHS AS SHOWN ON THE PLANS.
 - ANCHOR ALUMINUM STEPS TO THE WALLS ON BOTH SIDES WITH 3/8" STAINLESS STEEL ANCHOR BOLTS @ 12" O.C.
 - THE INTERIOR OF THE MANUAL BAR SCREEN AND THE JUNCTION BOX SHALL BE COATED ACCORDING TO SECTION 02555.



MANUAL BARSCREEN SUMP PLAN

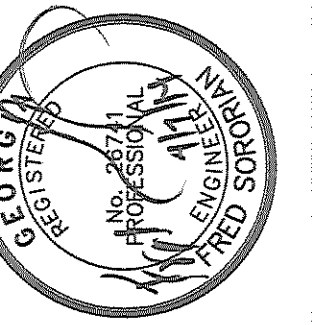
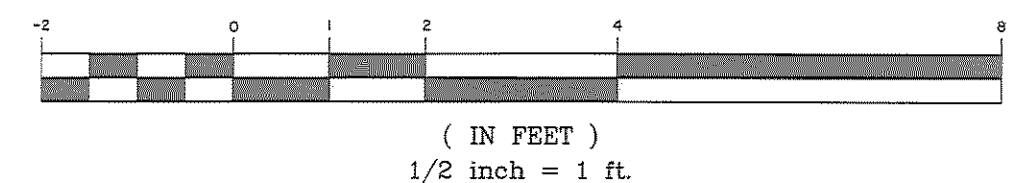
SCALE: 1/2" = 1'-0"



SECTION 3

SCALE: 1/2" = 1'-0"

GRAPHIC SCALE



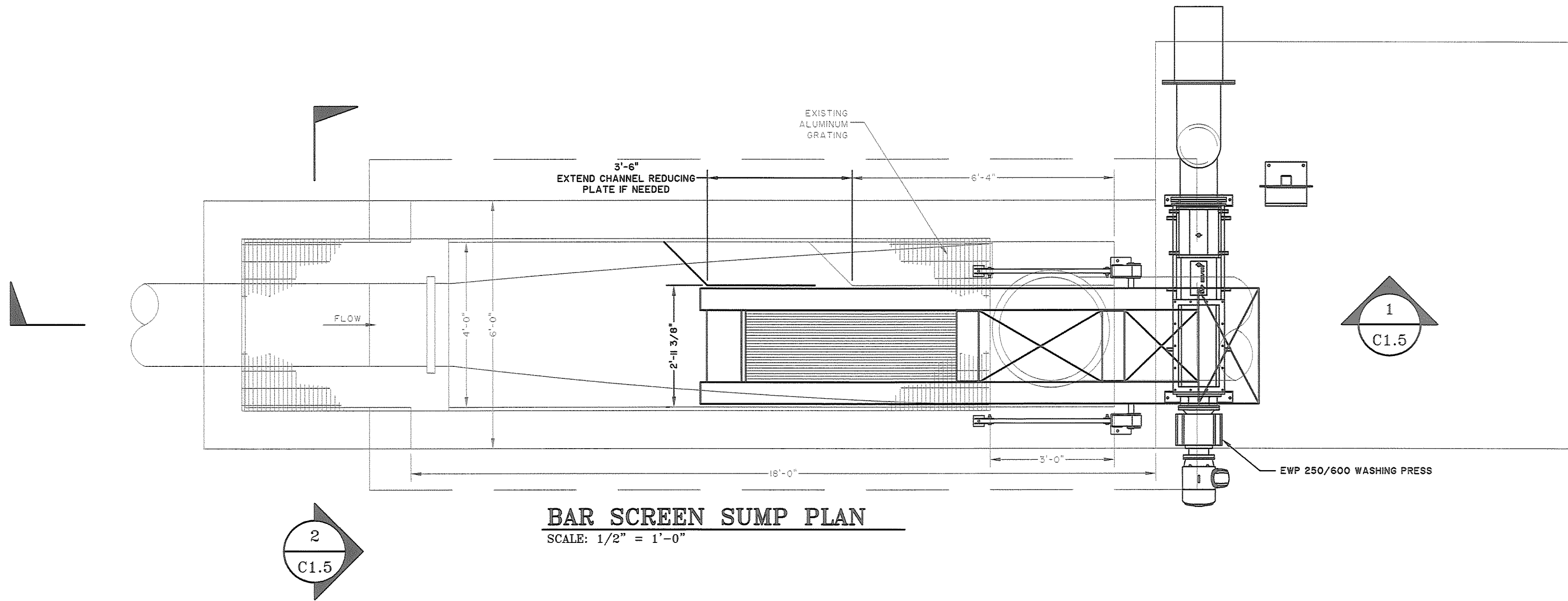
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SAINT SIMONS ISLAND, GEORGIA (GLYNN COUNTY)
HEAD WORK MODIFICATIONS
MANUAL BARSCREEN SUMP DETAIL

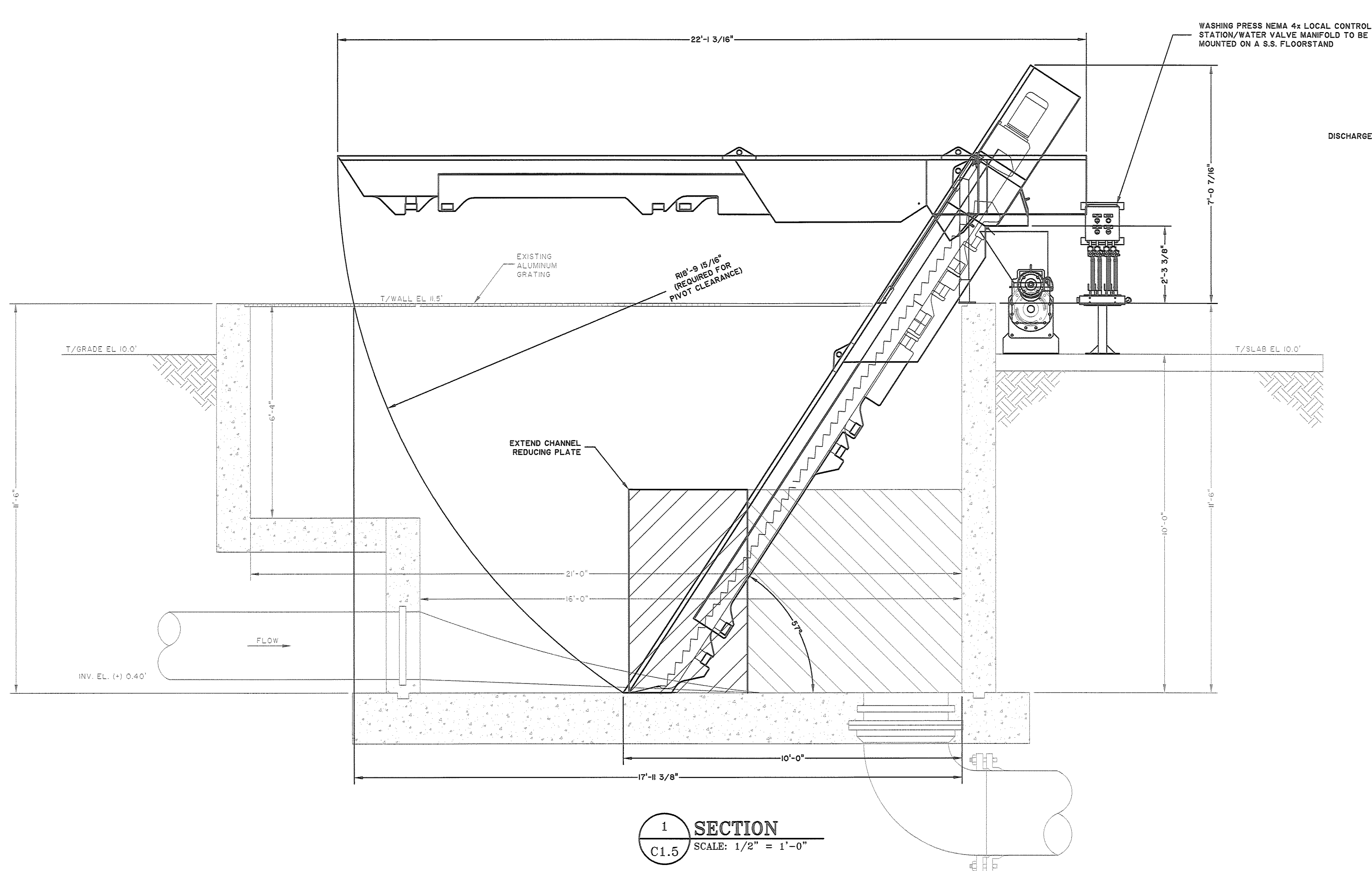
JOB NO: J-24901
DATE: April 2014
DRAWN: MJS
DESIGNED: FS
REVIEWED: FS
APPROVED: ACS
SCALE: 1/2"=1'-0"

C1.4

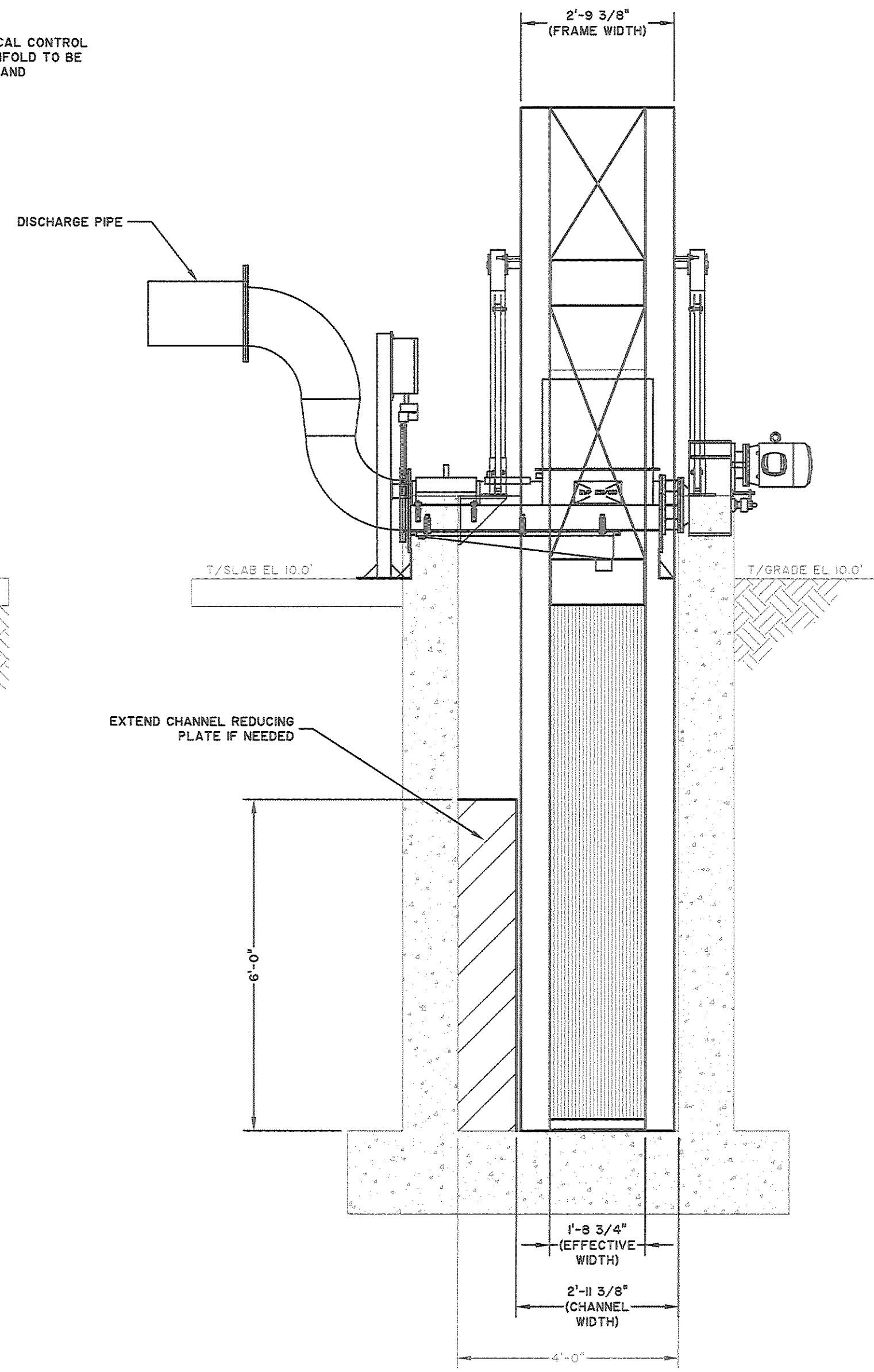
2/14/2014 14:00:00 Engineering/Design/Construction Plans/24901.0.dwg - Mr. J. Sims - 1:5000 PM



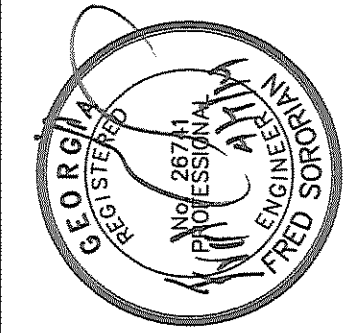
BAR SCREEN SUMP PLAN
SCALE: 1/2" = 1'-0"



SECTION 1
SCALE: 1/2" = 1'-0"



UPSTREAM VIEW 2
SCALE: 1/2" = 1'-0"



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DUNBAR CREEK WWTP
SAINT SIMONS ISLAND, GEORGIA (GLYNN COUNTY)
HEAD WORK MODIFICATIONS
BAR SCREEN MECHANICAL PLAN & SECTION

JOB NO: J-24901
DATE: April 2014
DRAWN: MJS
DESIGNED: FS
REVIEWED: ACS
APPROVED: ACS
SCALE: 1/2"=1'-0"

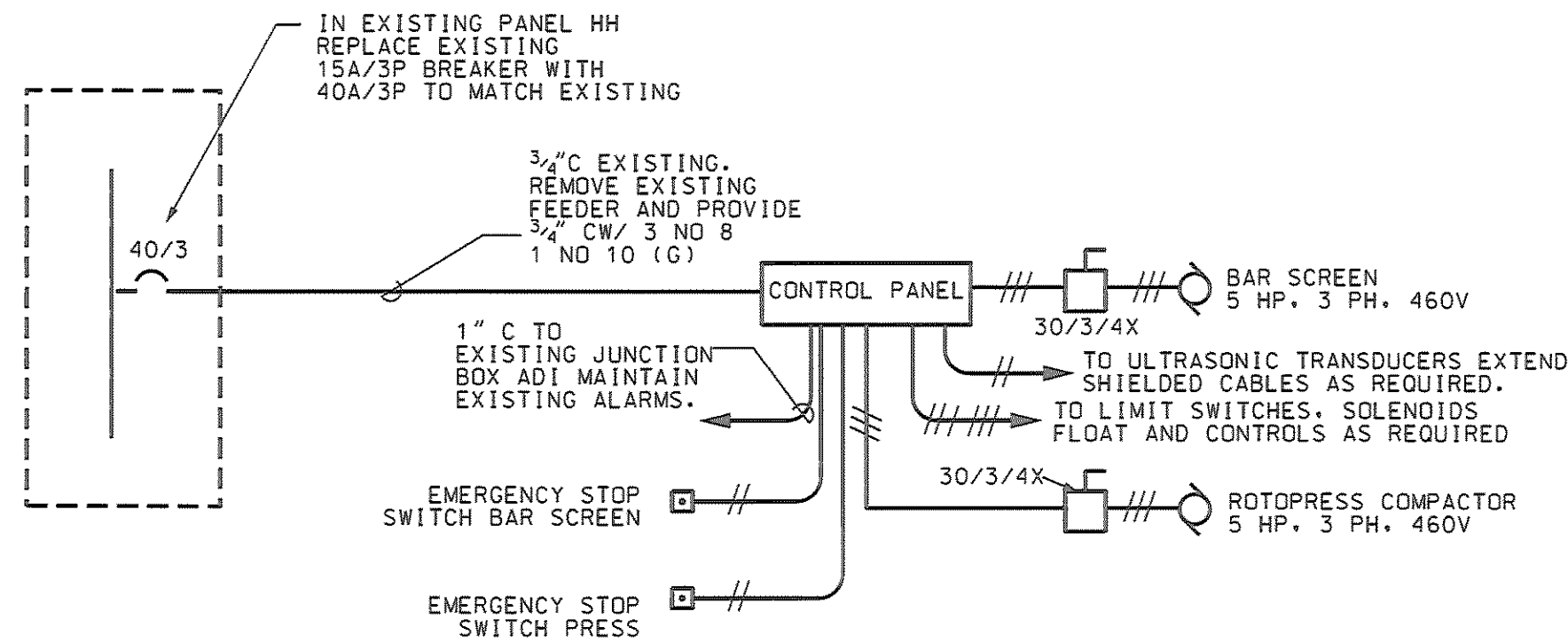
C1.5

GENERAL NOTES:

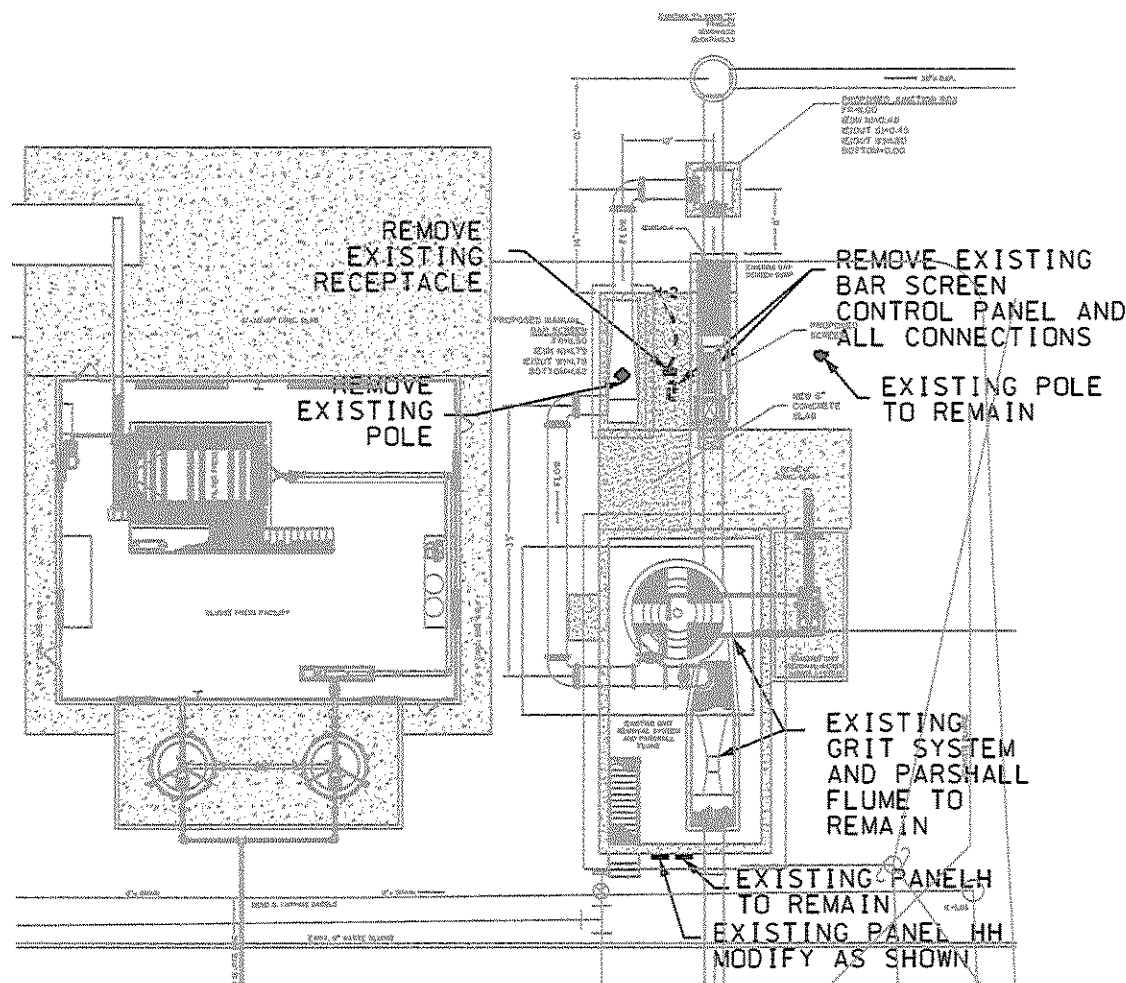
1. ALL WORK SHALL COMPLY WITH 2011 NEC AND ALL STATE & LOCAL ORDINANCES.
2. COORDINATE WORK WITH OTHER TRADES AND OWNER TO MAINTAIN PLANT OPERATION. SEE SPEC 02731.
3. ALL EXPOSED CONDUITS SHALL BE SCH 80 PVC. ALL FLEX SHALL BE NON-METALLIC SEALTITE.
4. ALL WIRING TO BE STRANDED COPPER TYPE THWN, COLOR CODED TO MATCH EXISTING.
5. ALL CONDUIT SUPPORTS SHALL BE FIBERGLASS WITH STAINLESS STEEL HARDWARE.
6. INSTALL ALL EQUIPMENT TO ALLOW OPERATIONAL AND MAINTENANCE ACCESS.
7. ALL CONDUITS SHALL HAVE GREEN EQUIPMENT GROUNDING CONDUCTOR.

LEGEND

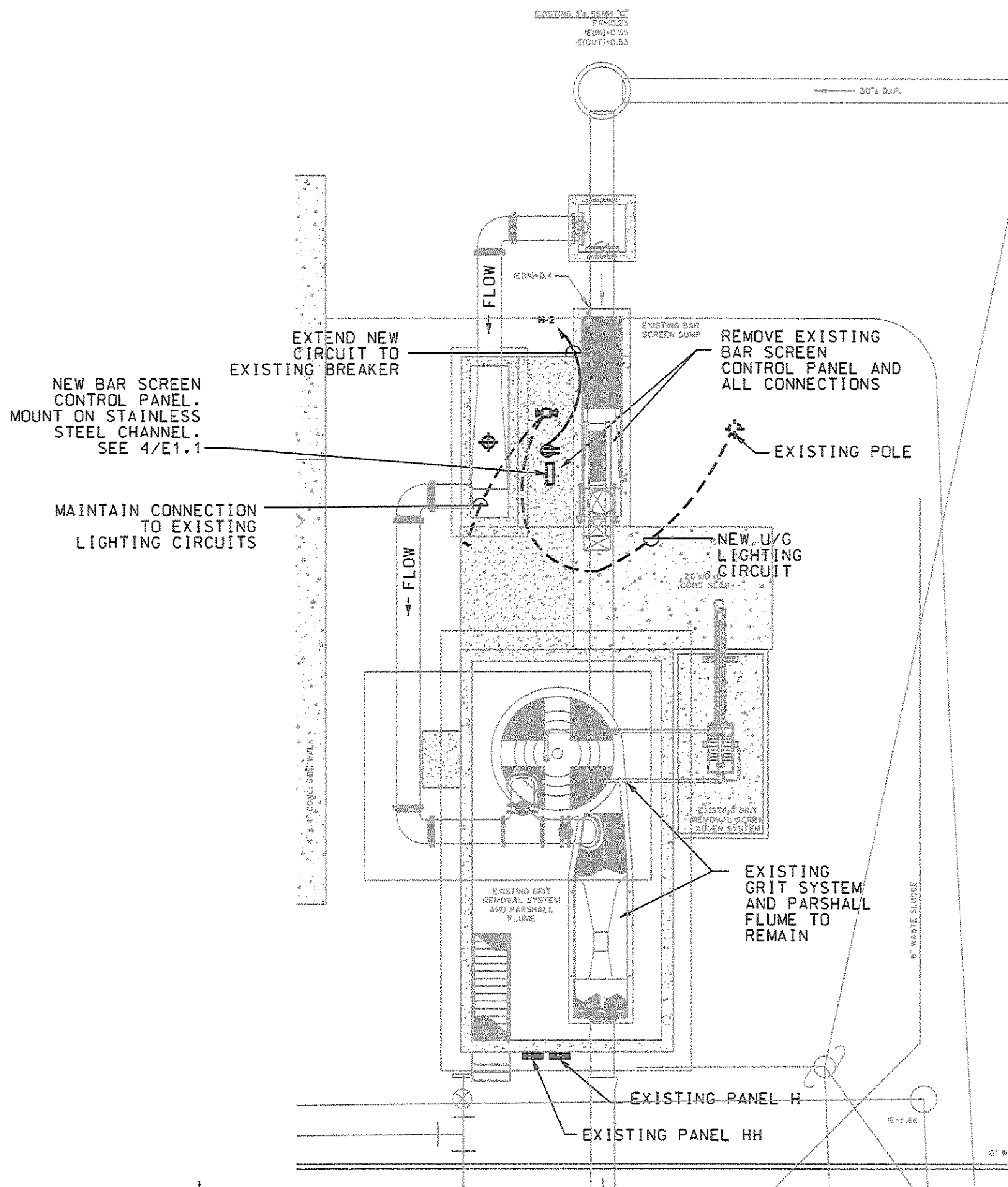
- CONCEALED CIRCUIT
- EXPOSED CIRCUIT
- SWITCH-48" UP SPEC GRADE IN PVC WP BOX WITH COVER
- GFI DUPLEX SPEC GRADE RECEPTACLE IN WP PVC BOX 36" AFF
- BRONZE FIBERGLASS POLE AND FLOODLIGHTS PROVIDE 10 FT SQUARE FIBERGLASS POLE WITH ANCHOR BASE, HANDHOLE, FOUR STAINLESS STEEL ANCHOR BOLTS AND NUTS. FLOODLIGHTS TO BE FOUR TOTAL EVERGREEN FGHL38 BRONZE WITH 50W HALOGEN LAMPS. SEE DETAIL 3/E1.1



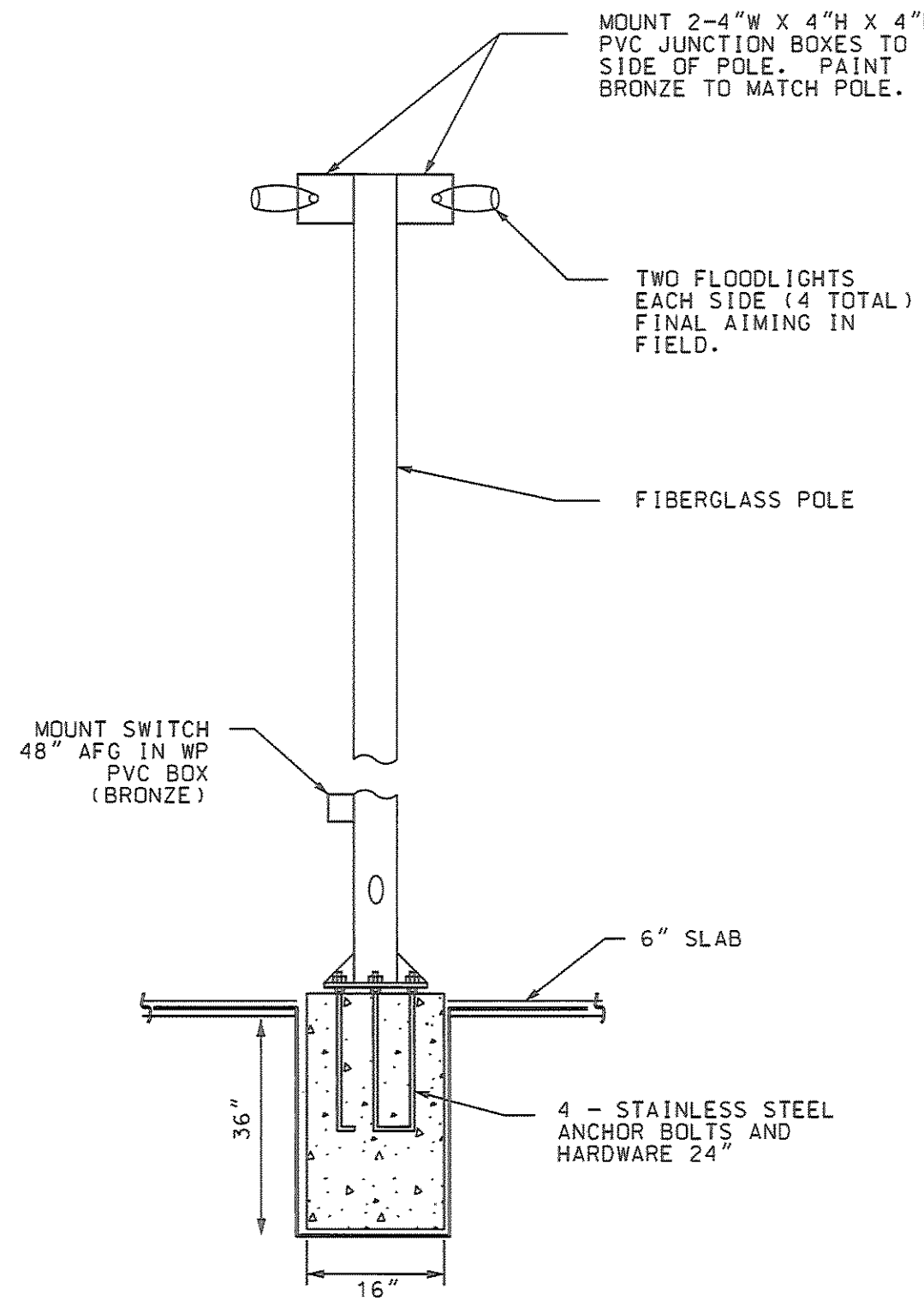
4 PARTIAL ONE LINE DIAGRAM
E1.1 NOT TO SCALE



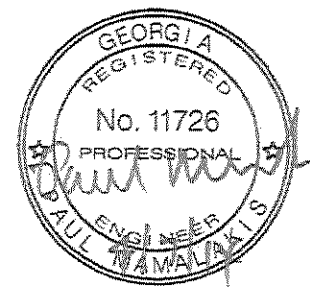
1 ELECTRICAL DEMOLITION PLAN
E1.1 1" = 20'



2 PARTIAL ELECTRICAL PLAN
E1.1 1" = 10'



3 POLE DETAIL
E1.1 NOT TO SCALE



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BGJWSC
SAINT SIMONS ISLAND, GEORGIA (GLYNN COUNTY)
WPCP INFLUENT SCREEN UPGRADE
ELECTRICAL PLAN

JOB NO: J-24901
DATE: 04/04/14
DRAWN: SH
DESIGNED: PM
REVIEWED: PM
APPROVED: PM
SCALE: AS SHOWN

E1.1