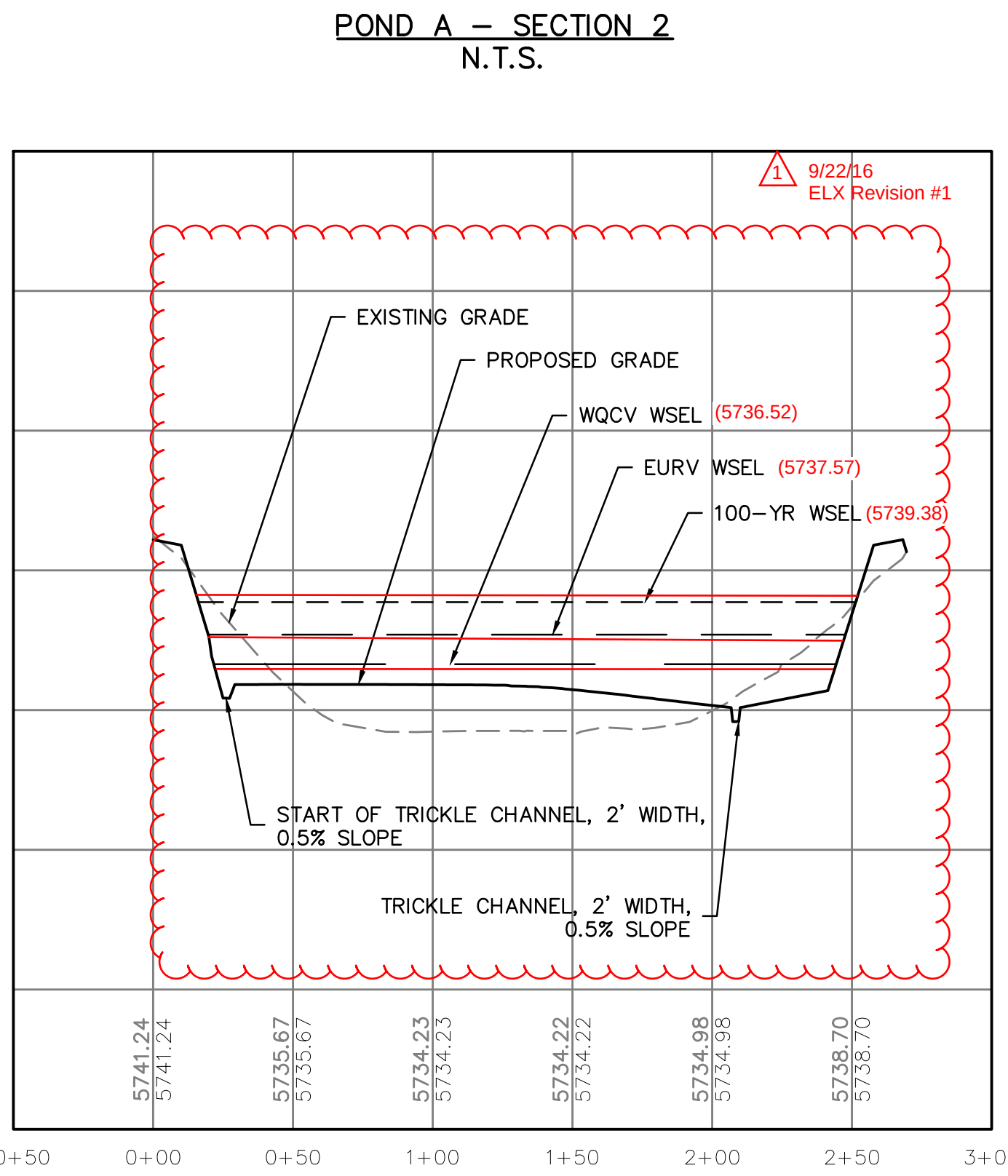
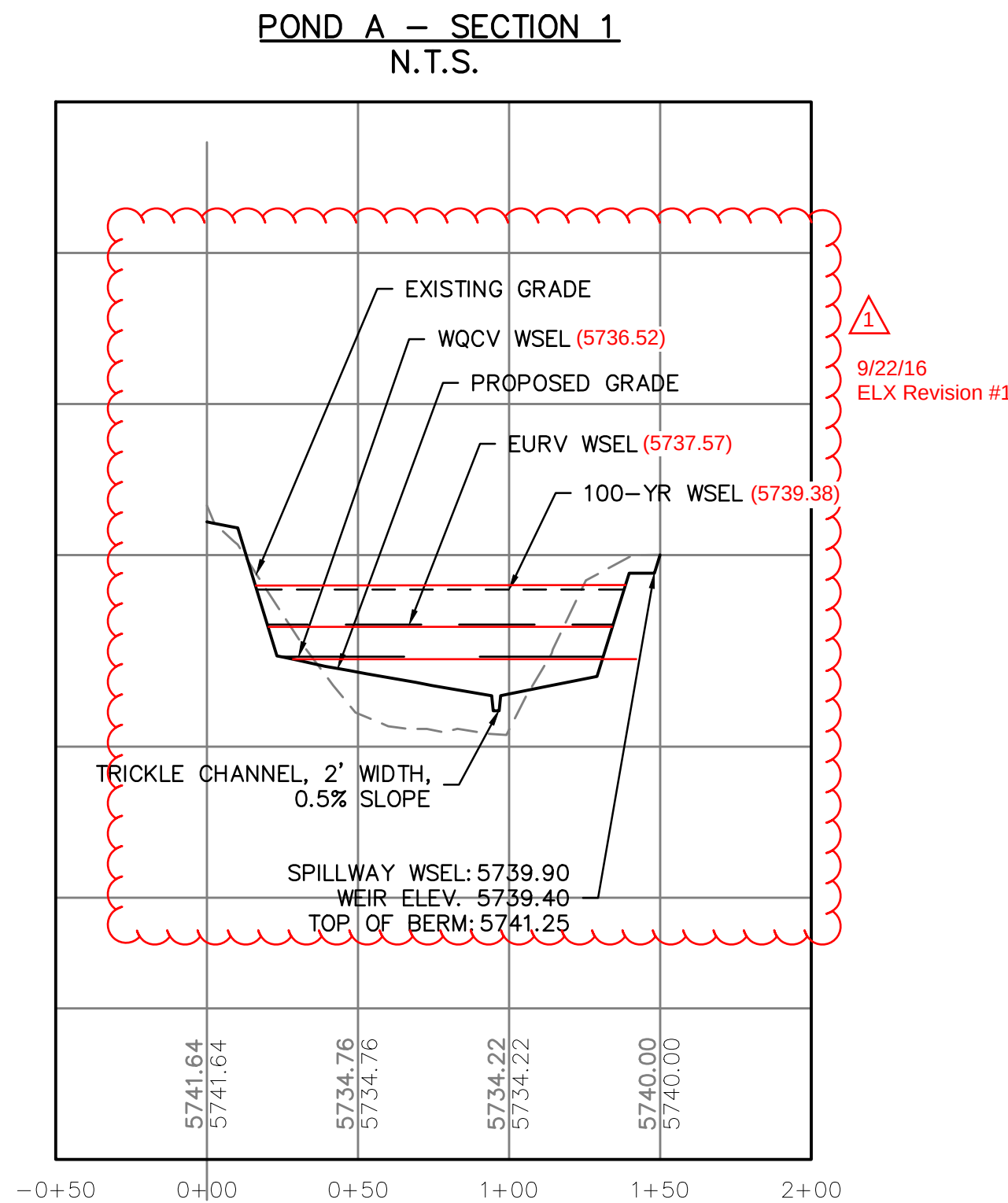
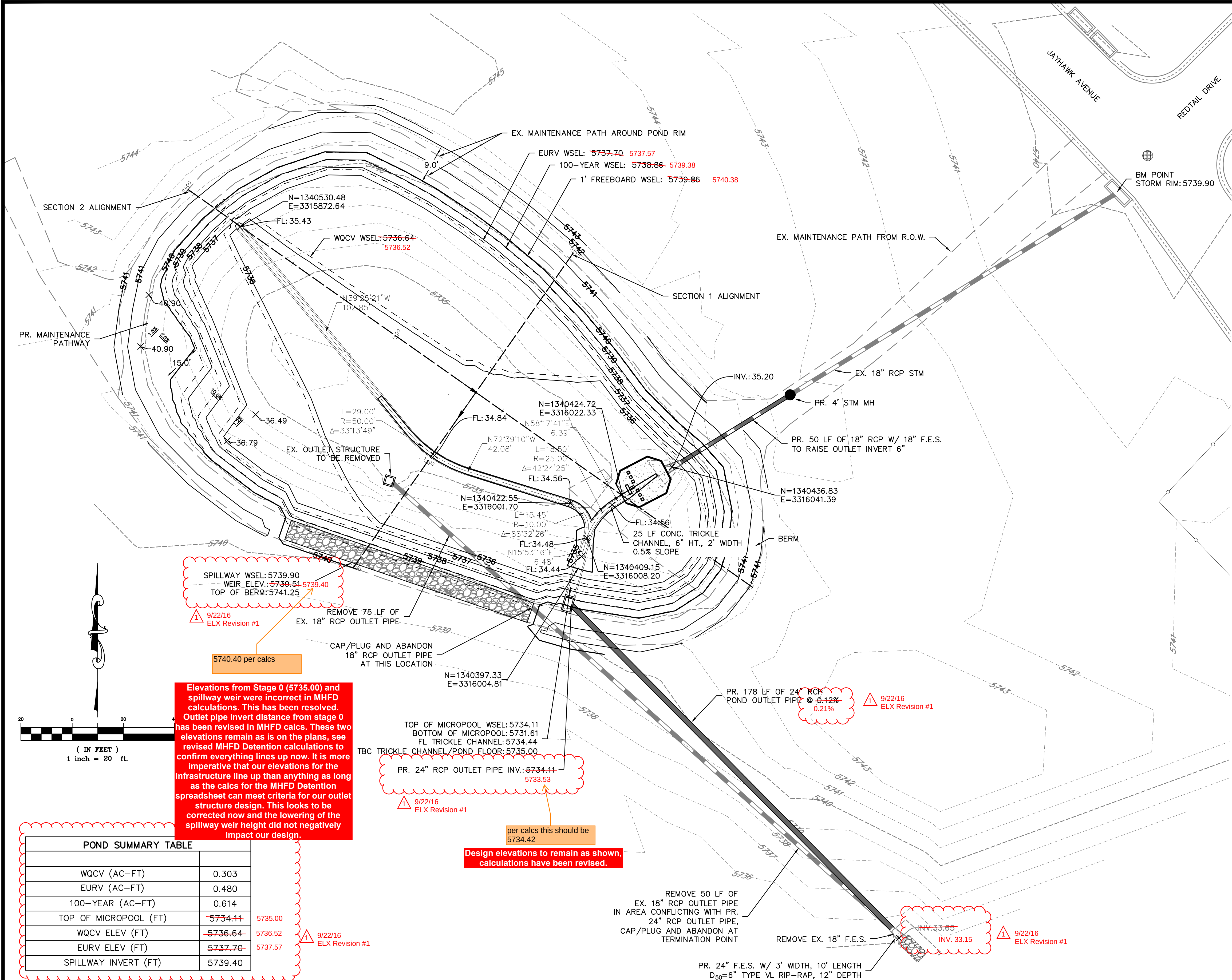




POND SUMMARY TABLE	
WQCV (AC-FT)	0.303
EURV (AC-FT)	0.480
100-YEAR (AC-FT)	0.614
TOP OF MICROPOOL (FT)	5734.11
WQCV ELEV (FT)	5736.52
EURV ELEV (FT)	5737.57
SPILLWAY INVERT (FT)	5739.40

NOTE:

1. THE DEVELOPER SHALL HAVE A LICENSED PROFESSIONAL ENGINEER CERTIFY EACH STORMWATER DETENTION POND AND/OR WATER QUALITY BMP IS BUILT ACCORDING TO THE APPROVED PLANS AND SPECIFICATIONS AND THE REQUIRED DETENTION VOLUME, INCLUDING THE WQCV WHEN USED, IS MET. THE CERTIFICATION SHALL ALSO VERIFY ALL PERTINENT DIMENSIONS, ELEVATIONS, REQUIRED OUTLET ORIFICE PLATES FOR DETENTION AND WQCV AND OTHER PERMANENT BMPS REQUIREMENTS ARE INSTALLED PER THE APPROVED PLANS AND SPECIFICATIONS, AND SHALL SHOW THE AS-BUILT DESIGN VOLUMES (WQCV, 10-YEAR, 100-YEAR, EURV) AND OTHER PERTINENT DIMENSIONS, ELEVATIONS AND CAPACITY REQUIREMENTS ASSOCIATED WITH THE WQ BMP USED. THE CERTIFICATION SHALL BE PROVIDED TO EL PASO COUNTY ENGINEERING. AN APPROVED POND CERTIFICATE SHALL BE REQUIRED PRIOR TO THE RETURN OF ANY FISCAL SECURITY DEPOSIT (AS WELL AS SATISFYING OTHER CONDITIONS OF THE STORMWATER PERMIT) FOR SITES THAT DO NOT REQUIRE A CERTIFICATE OF OCCUPANCY. EXAMPLES OF THESE SITES INCLUDE BUT ARE NOT LIMITED TO: SITES WITHOUT VERTICAL CONSTRUCTION, OIL AND GAS WELL PADS, OUTDOOR STORAGE, AND TOW YARDS. AN APPROVED POND CERTIFICATE SHALL BE REQUIRED PRIOR TO COMMENCEMENT OF BUSINESS OPERATIONS. IN NO CASE SHALL A CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY BE ISSUED WITHOUT AN APPROVED POND CERTIFICATE.



Know what's below.
Call before you dig.

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NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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COLORADO SPRINGS, COLORADO 80919
303.519.5100
SCOTT VAN WYHE

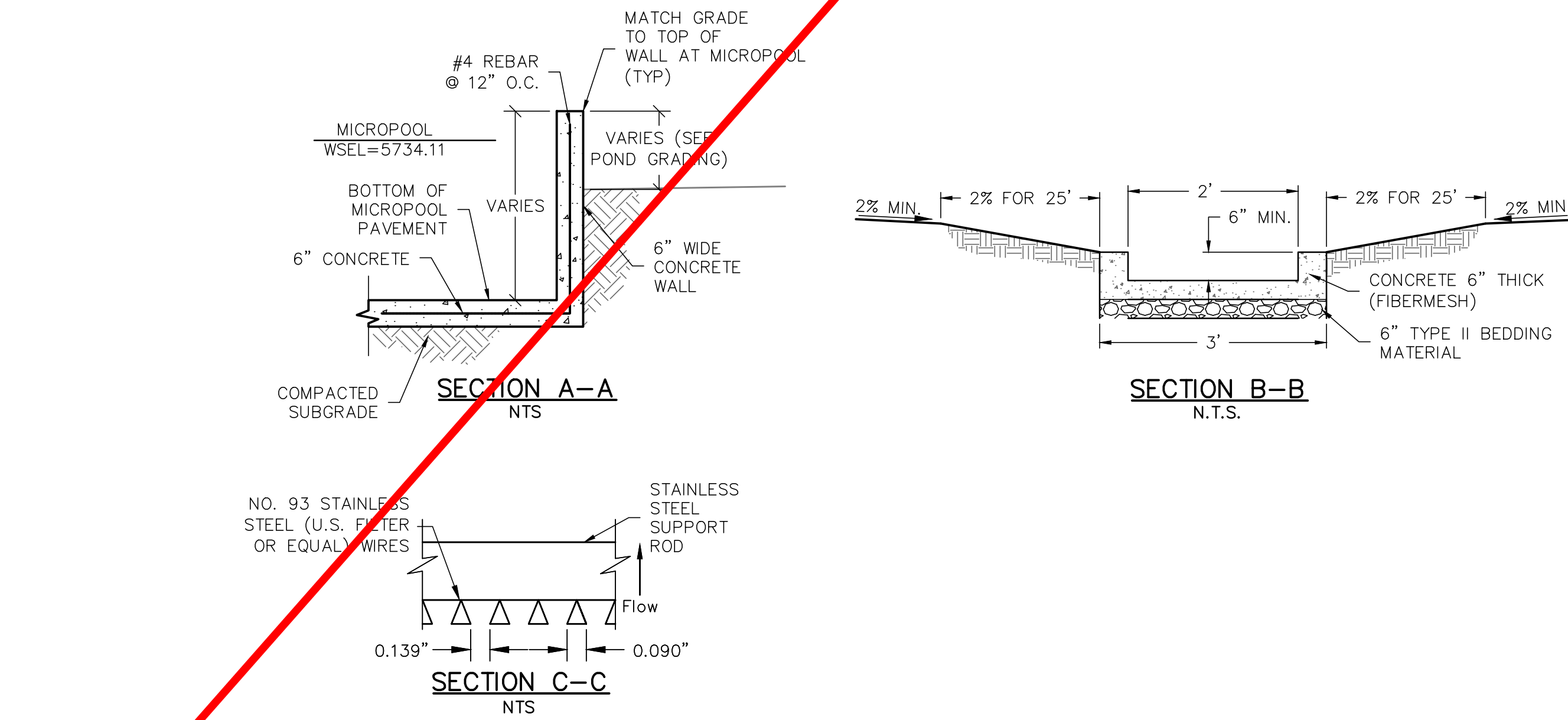
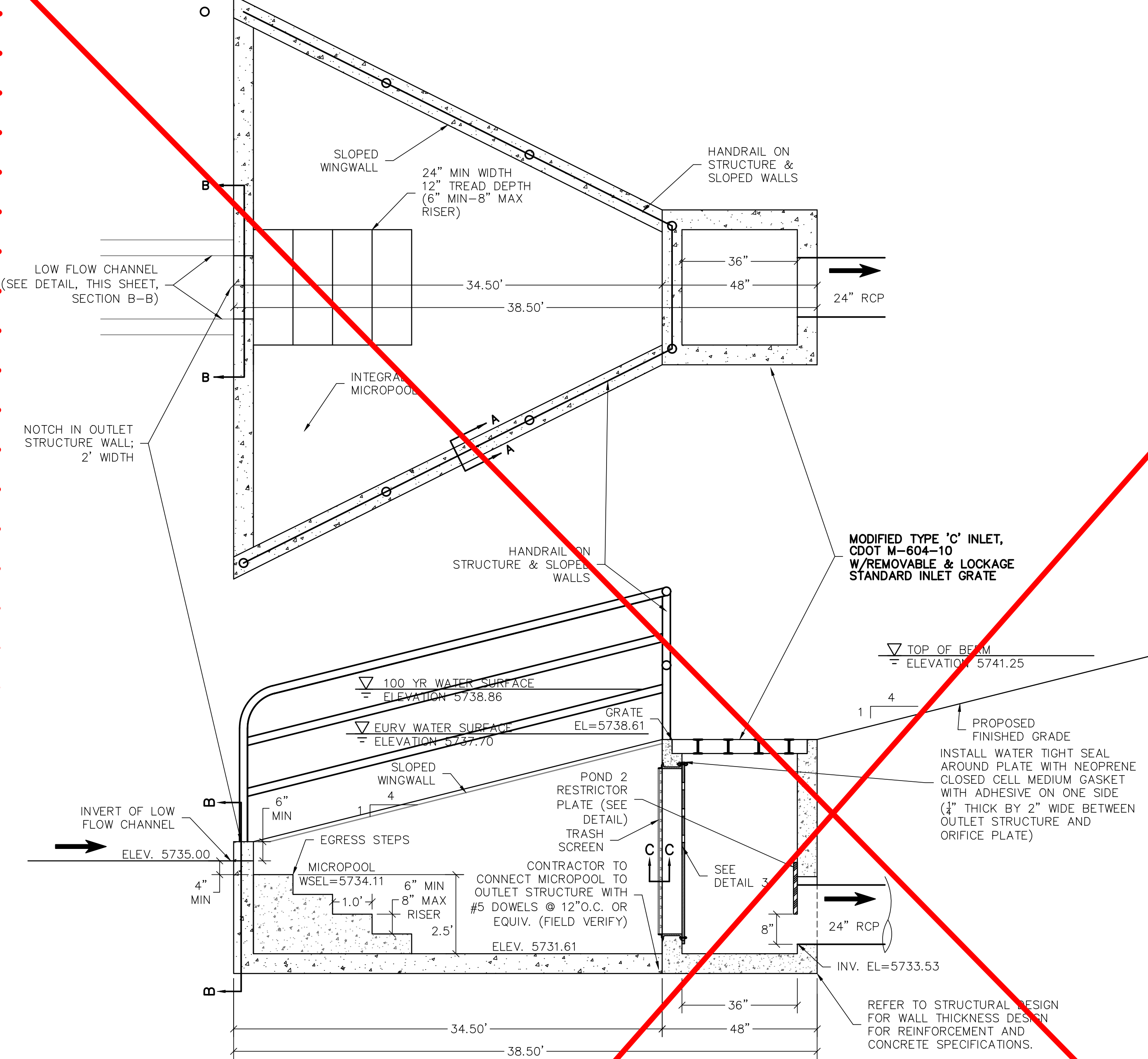
PUNCHLIST CONNECTIONS LLC
SUNSET VILLAGE FILING 4 - DRAINAGE
EL PASO COUNTY, COLORADO
CONSTRUCTION DRAWINGS
POND 2

CLIENT
DATE 1/7/2022

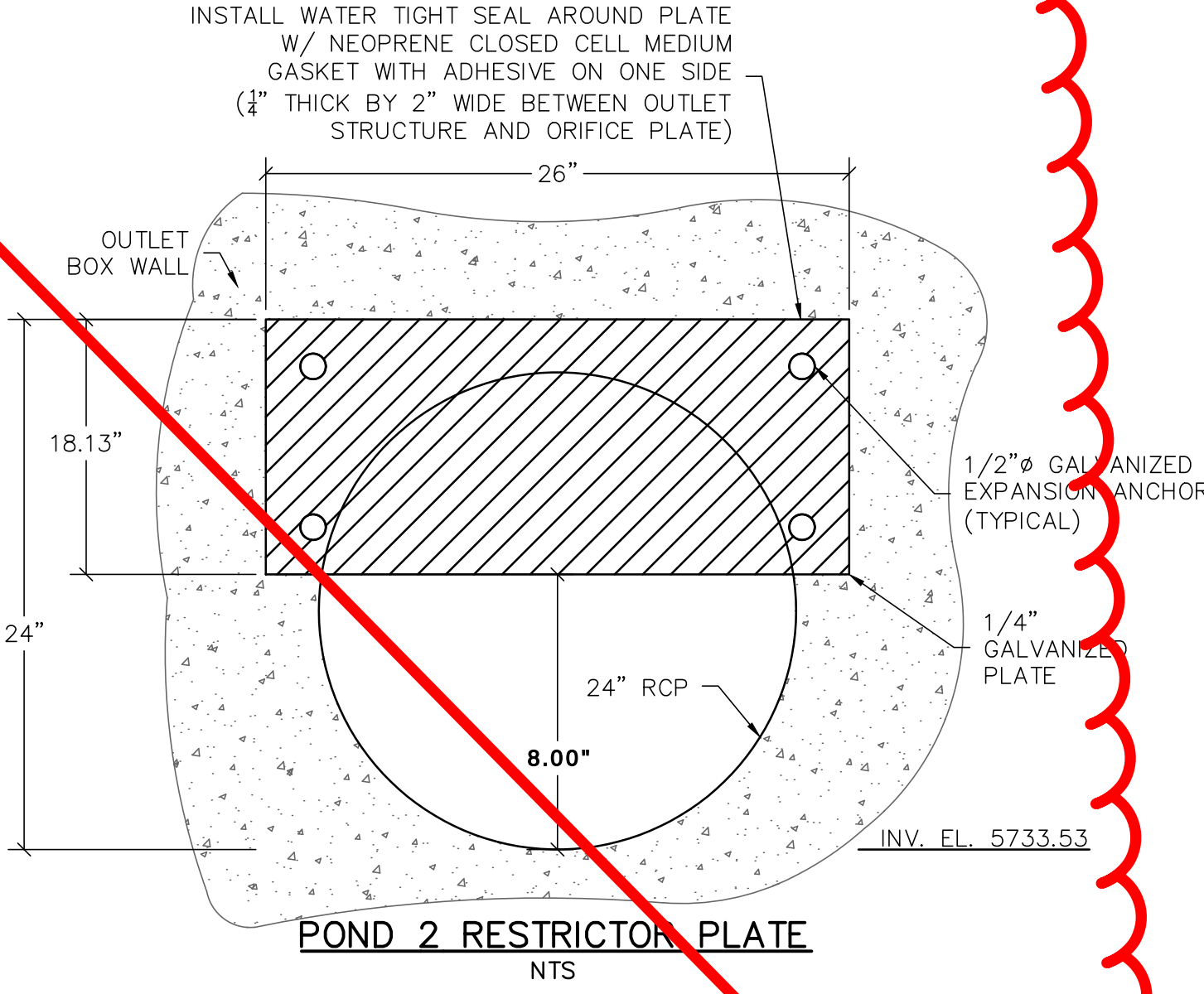
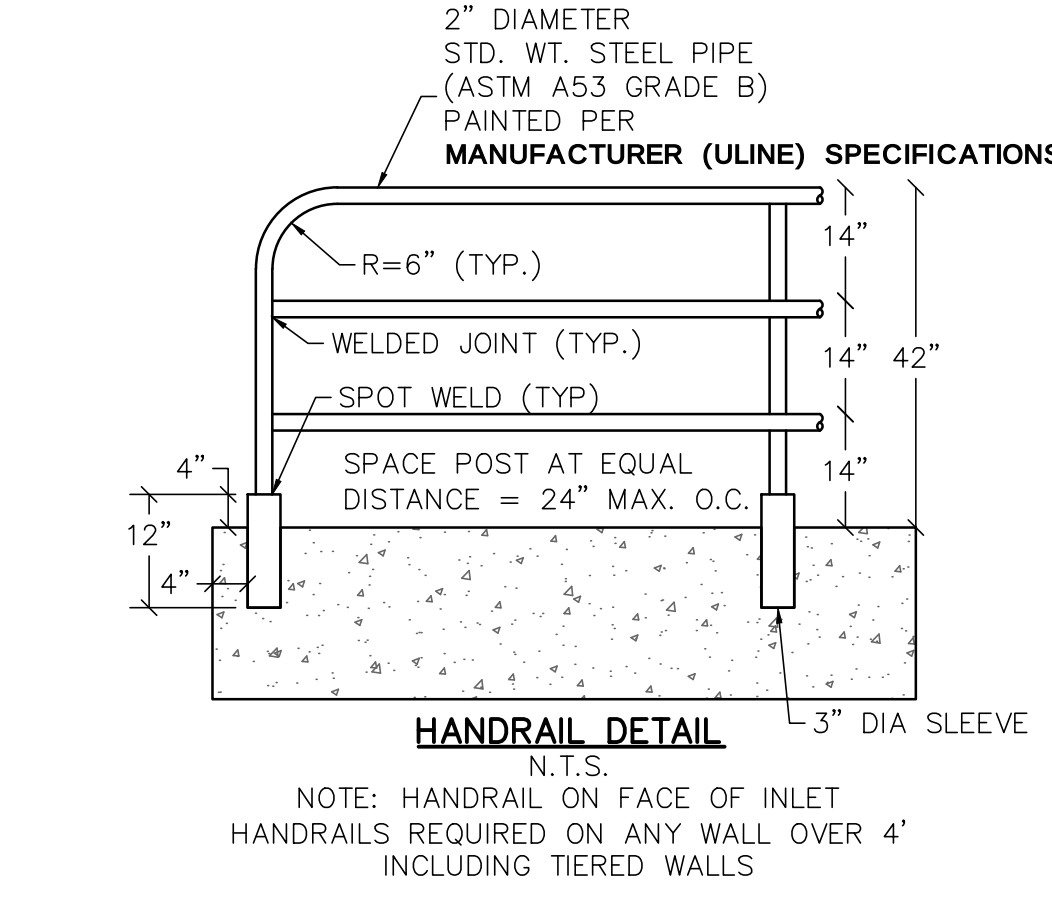
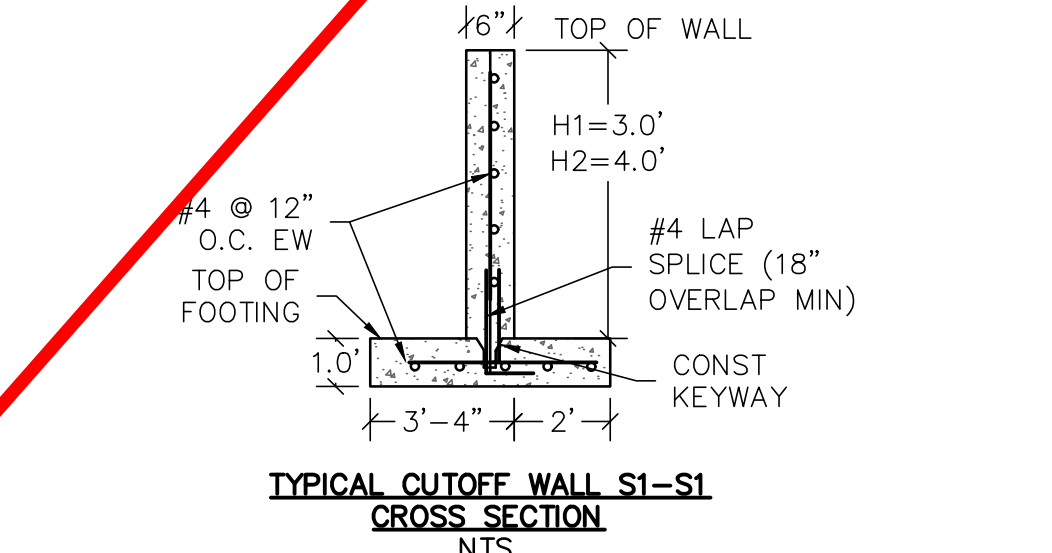
REVISIONS

DR. RDL	CH. RDL
P.M. RDL	
JOB # 21004166	
SHEET NO.	17

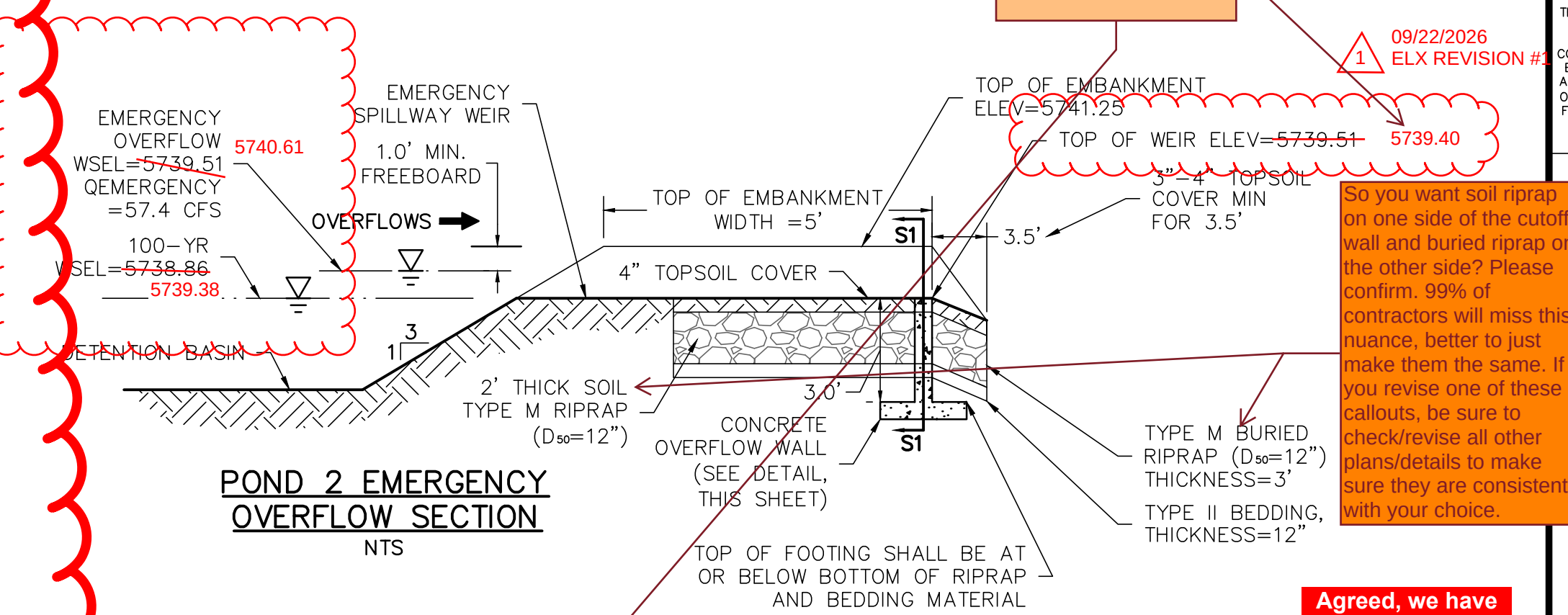
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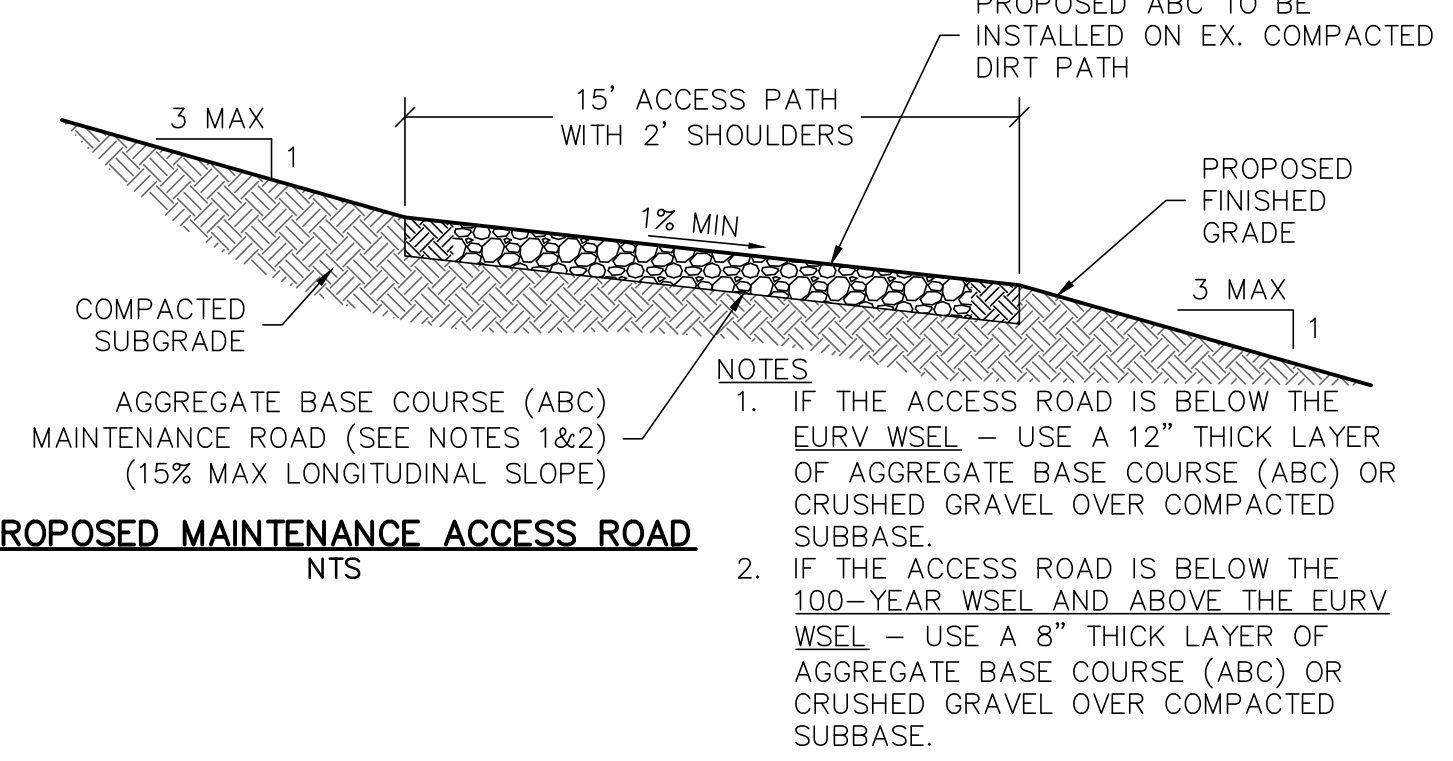
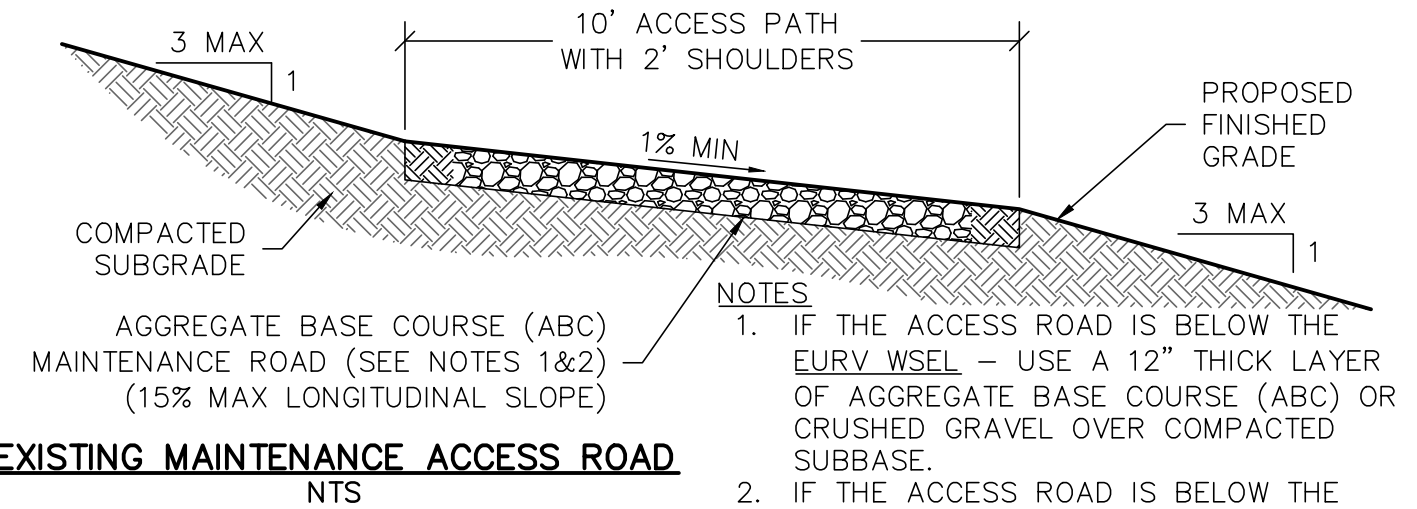
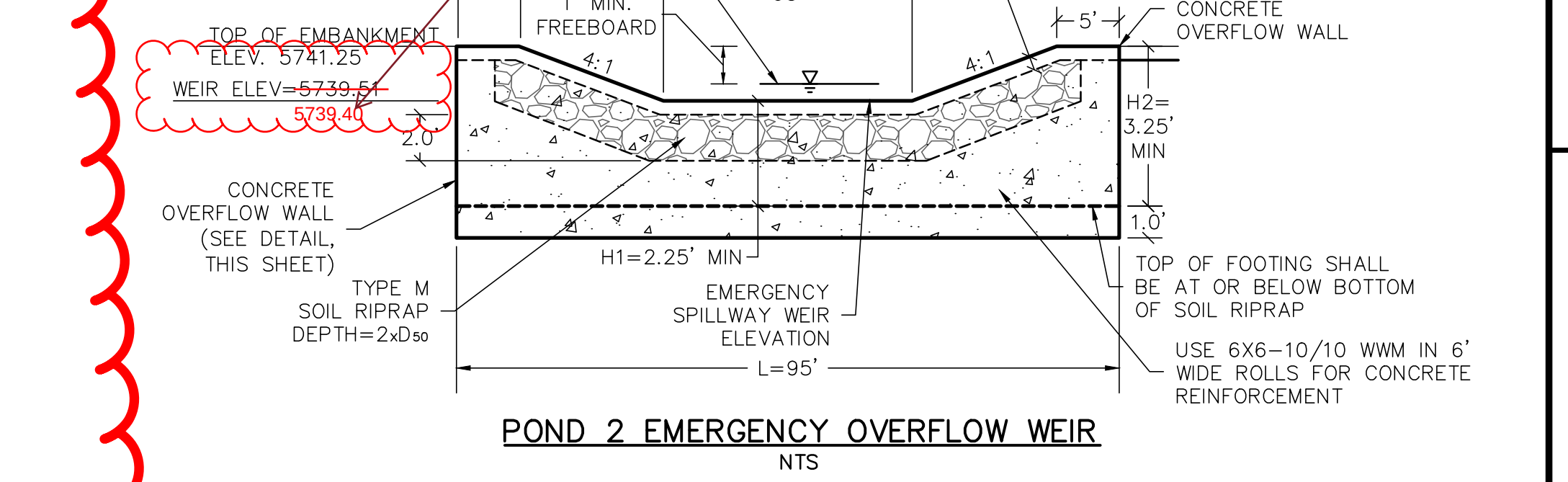
POND SUMMARY TABLE							
DESIGN POINT	POND	TRIBUTARY AREA (AC)	WQCV WSEL	WQCV VOLUME (AC-FT)	EURV	EURV VOLUME (AC-FT)	Qs (CFS)
B	2	22.23	5736.64	0.303	5737.70	0.480	27.8
							57.4



09/22/2026
ELX REVISION #1



09/22/2026
ELX REVISION #1



Thank you for catching these discrepancies. The calcs have been adjusted, elevations remain the same on these plans.

So you want soil riprap on one side of the cutoff wall and buried riprap on the other side? Please confirm, 99% of contractors will miss this nuance, better to just make them the same. If you revise one of these callouts, be sure to check/revise all other plans/details to make sure they are consistent with your choice.

Agreed, we have revised to remain consistent on both sides.

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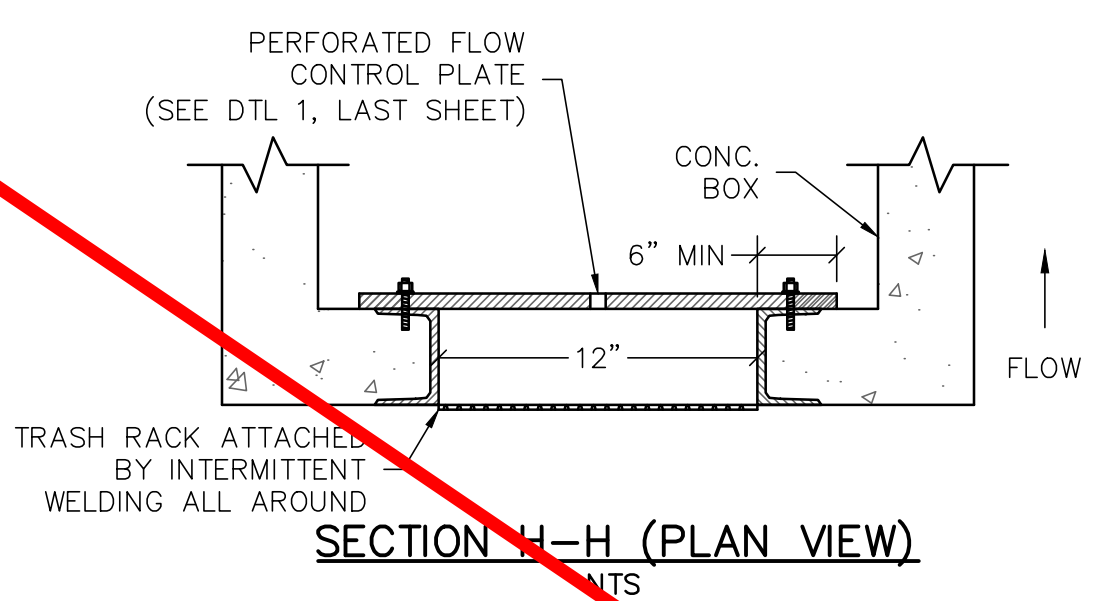
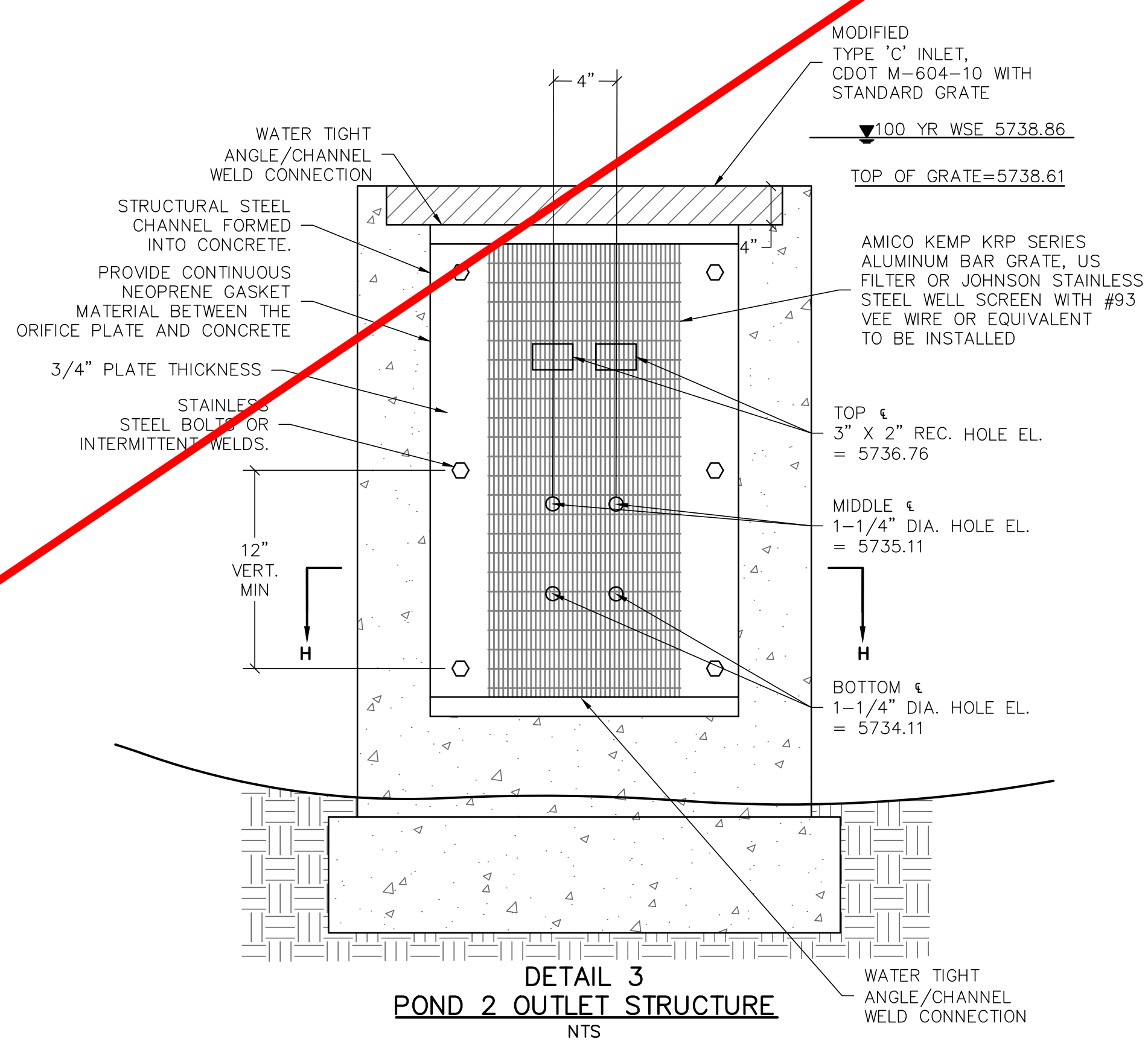
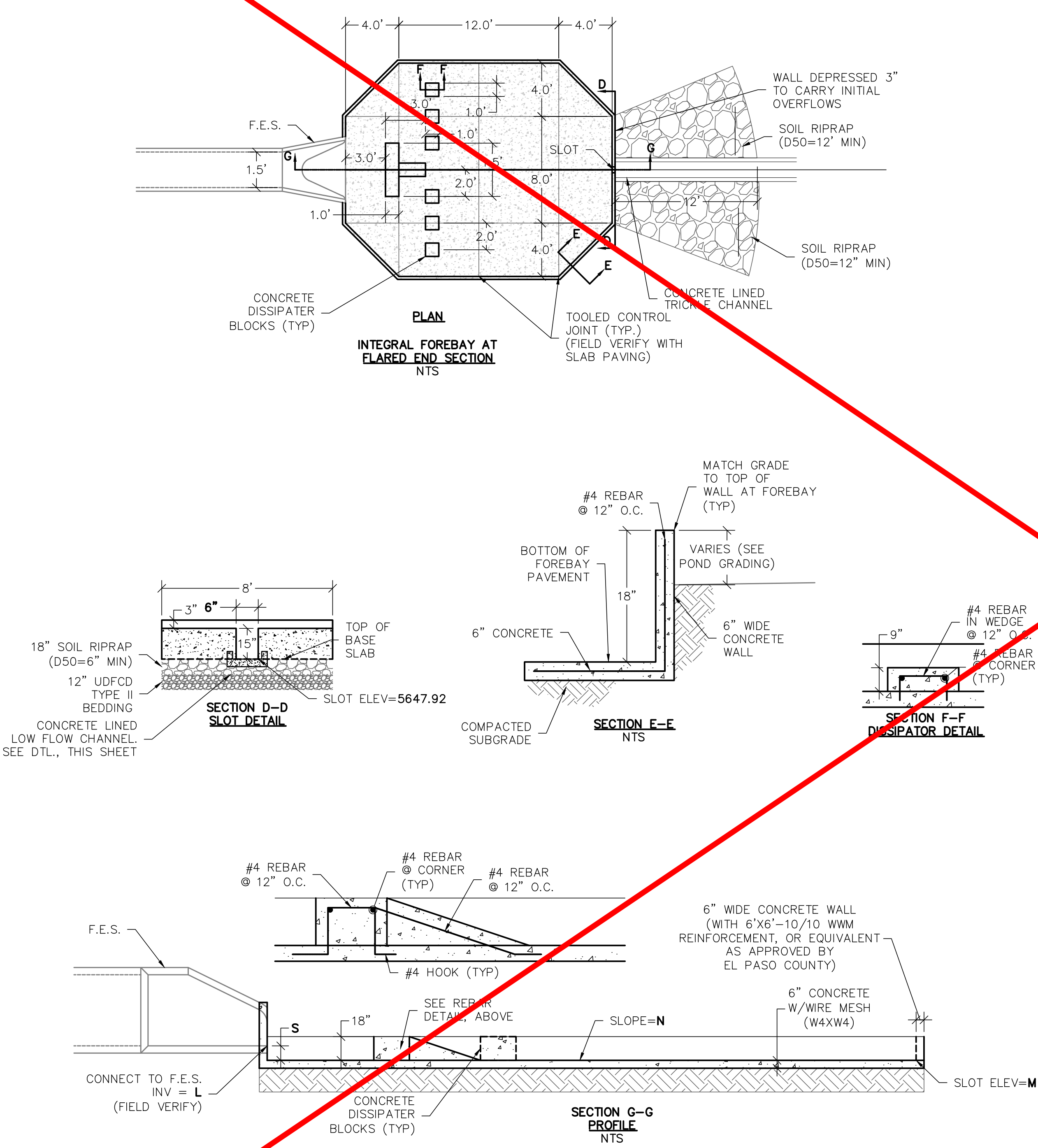
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300 WINDHOLM PLACE #301
COLORADO SPRINGS, COLORADO 80919
303.519.5100
SCOTT VAN WYHE

PUNCHLIST CONNECTIONS LLC
SUNSET VILLAGE FILING 4 - DRAINAGE
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CONSTRUCTION DRAWINGS
POND 2

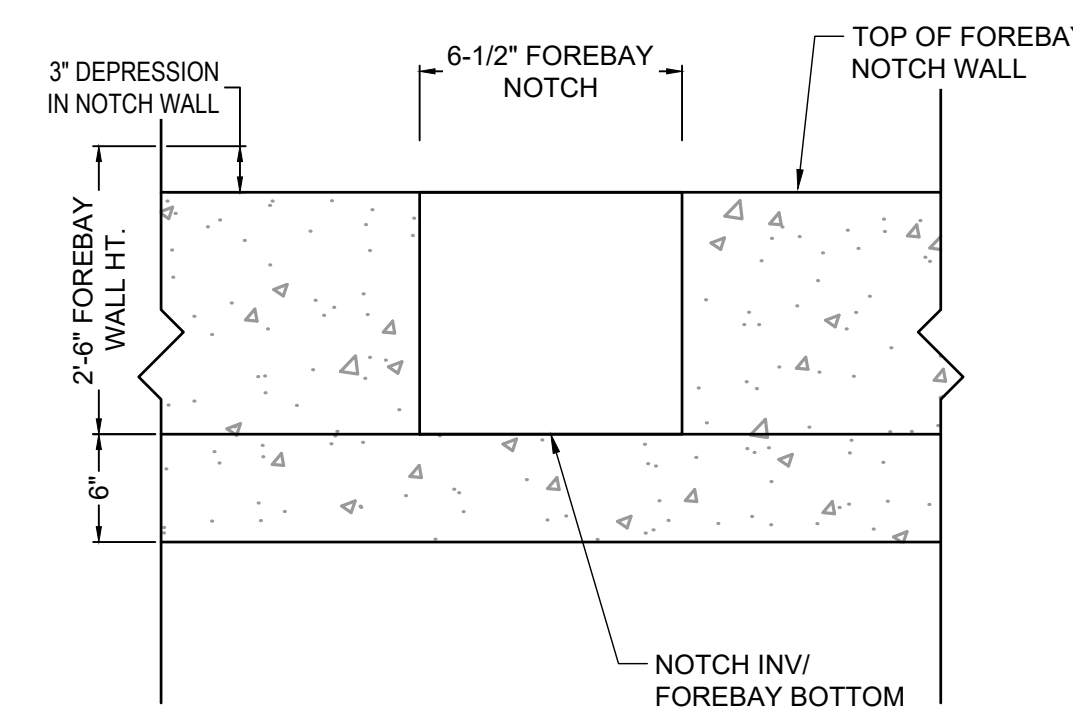
CLIENT
DATE
1/7/2022

REVISIONS

DR.	RDL	CH.	RDL
P.M.	RDL		
JOB	21004166		
SHEET NO.	18		



FOREBAY SIZE TABLE						
FOREBAY NAME	PIPE SIZE	L	M	N	S	T
A1	18"	5648.22	5647.92	0.50%	2.5"	6"



FOREBAY REINFORCING DETAIL

SCALE: N.T.S.

TOP OF FOREBAY WALL (BACK): 5737.70

18" HDPE STORM PIPE INV.: 5735.20

1'-6"

2'-6"

3'-0"

6"

1'-6"

10"x24" DEEP SHEAR LUG

10'-6"

BAFFLE IMPACT WALL

BEGIN CONC. TRICKLE CHANNEL, FL: 5735.13

0.50% SLOPE

6"

6"

6"

6"

6" TRICKLE CHANNEL SLAB

1/2" EXPANSION JOINT

TOP OF FOREBAY WALL (FRONT): 5737.63

2'-6"

0'-1"

8"

FOREBAY ELEVATION VIEW
(SECTION A-A)
SCALE: 1" = 2'



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SUNSET VILLAGE
FILING NO. 4

PROJECT LOCATION:

SUNSET VILLAGE
FILING NO. 4

EL PASO COUNTY, COLORADO

CLIENT:

SCOTT ALLEN HOMES

CONTACT INFO:

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scott@punchlistconnection.com

PROFESSIONAL SEAL:



COLORADO LICENSED
CARLOS D. SERRANO
52048
09/21/2026
PROFESSIONAL ENGINEER

[illegible]

JOB #: 101544

DRAWN BY: CDS
REVIEWED BY: CDS
PROJ. MNGR.: CDS

PLAN SET:

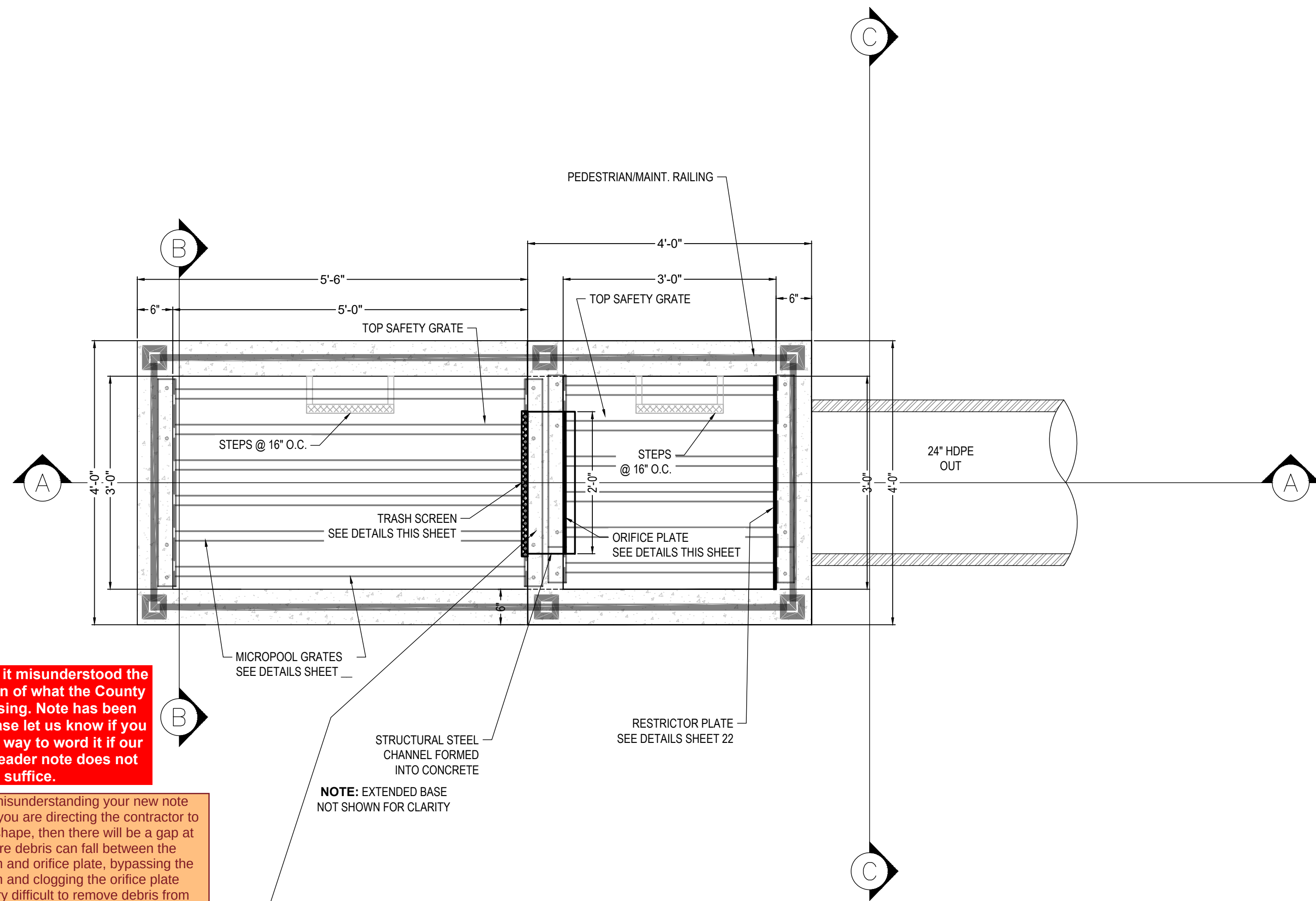
SUNSET VILLAGE
FILING NO. 4

PERMANENT CONTROL MEASURE
INFRASTRUCTURE DETAILS

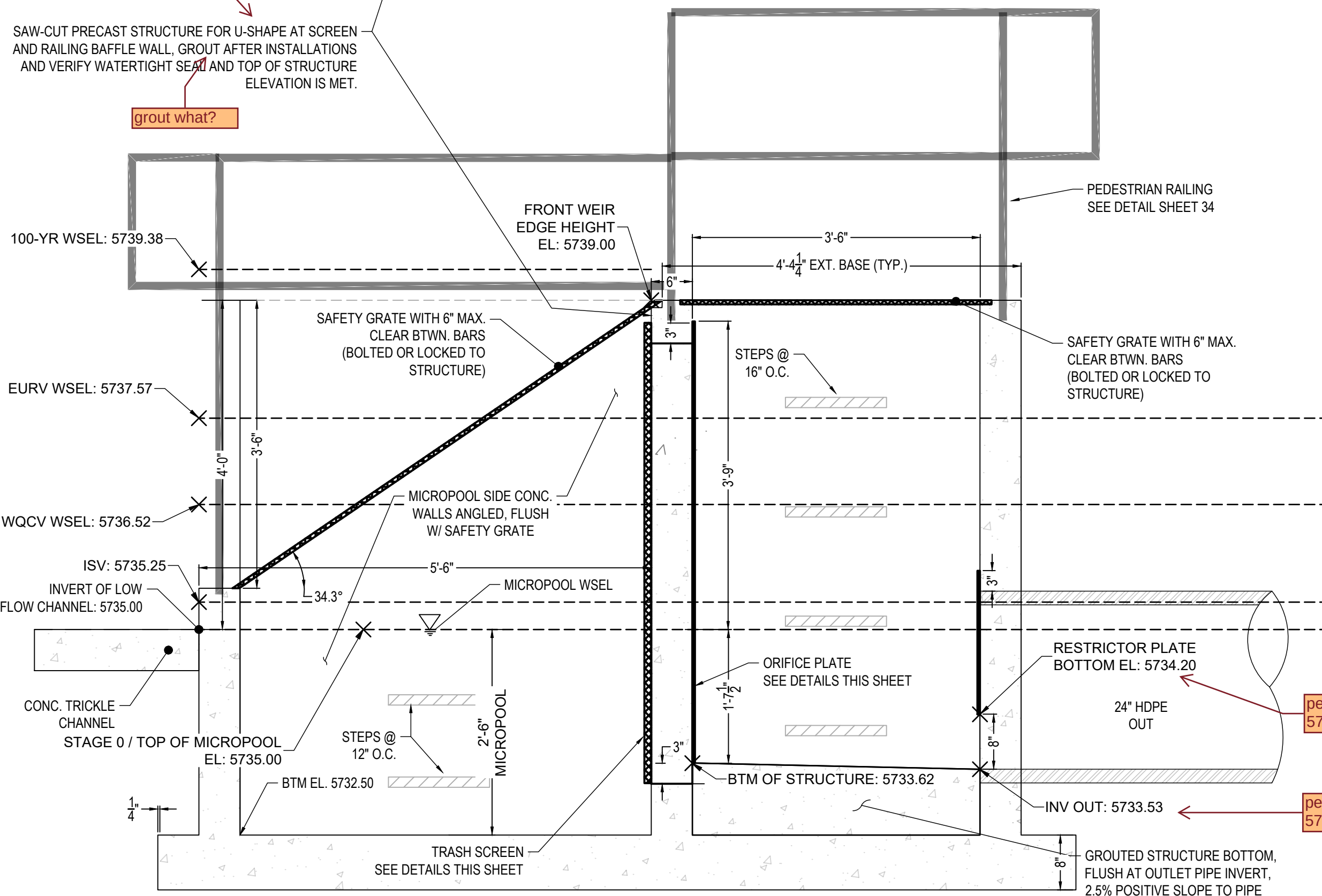
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FOREBAY DETAILS

SHEET NO.:
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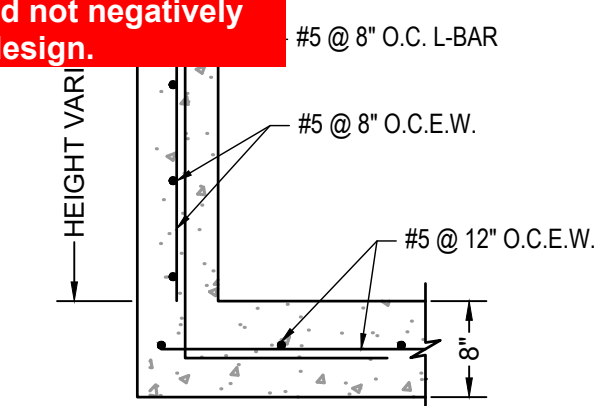


POND OUTLET STRUCTURE
(PLAN VIEW)
SCALE: 1" = 1-1/4'

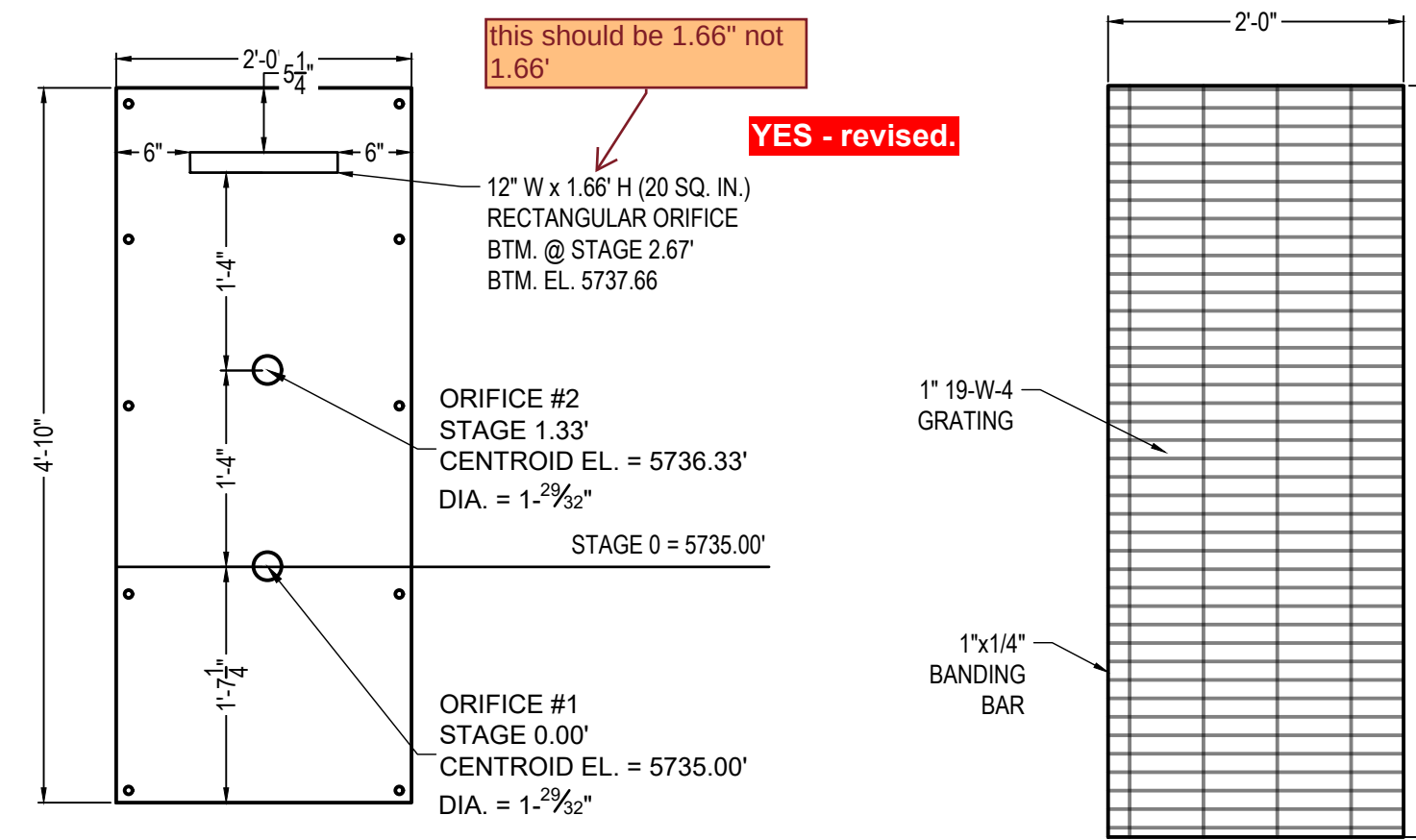


POND OUTLET STRUCTURE
(ELEVATION VIEW, SECTION A-A)
SCALE: 1" = 1-1/4'

Elevations from Stage 0 (5735.00) and spillway weir were incorrect in MHFD calculations. This has been resolved. Outlet pipe invert distance from stage 0 has been revised in MHFD calcs. These two elevations remain as is on the plans, see revised MHFD Detention calculations to confirm everything lines up now. It is more imperative that our elevations for the infrastructure line up than anything as long as the calcs for the MHFD Detention spreadsheet can meet criteria for our outlet structure design. This looks to be corrected now and the lowering of the spillway weir height did not negatively impact our design.



OUTLET STRUCTURE
REINFORCEMENT DETAIL
SCALE: NTS



ORIFICE PLATE DETAIL
(ELEVATION VIEW)
SCALE: 1" = 1-1/4'

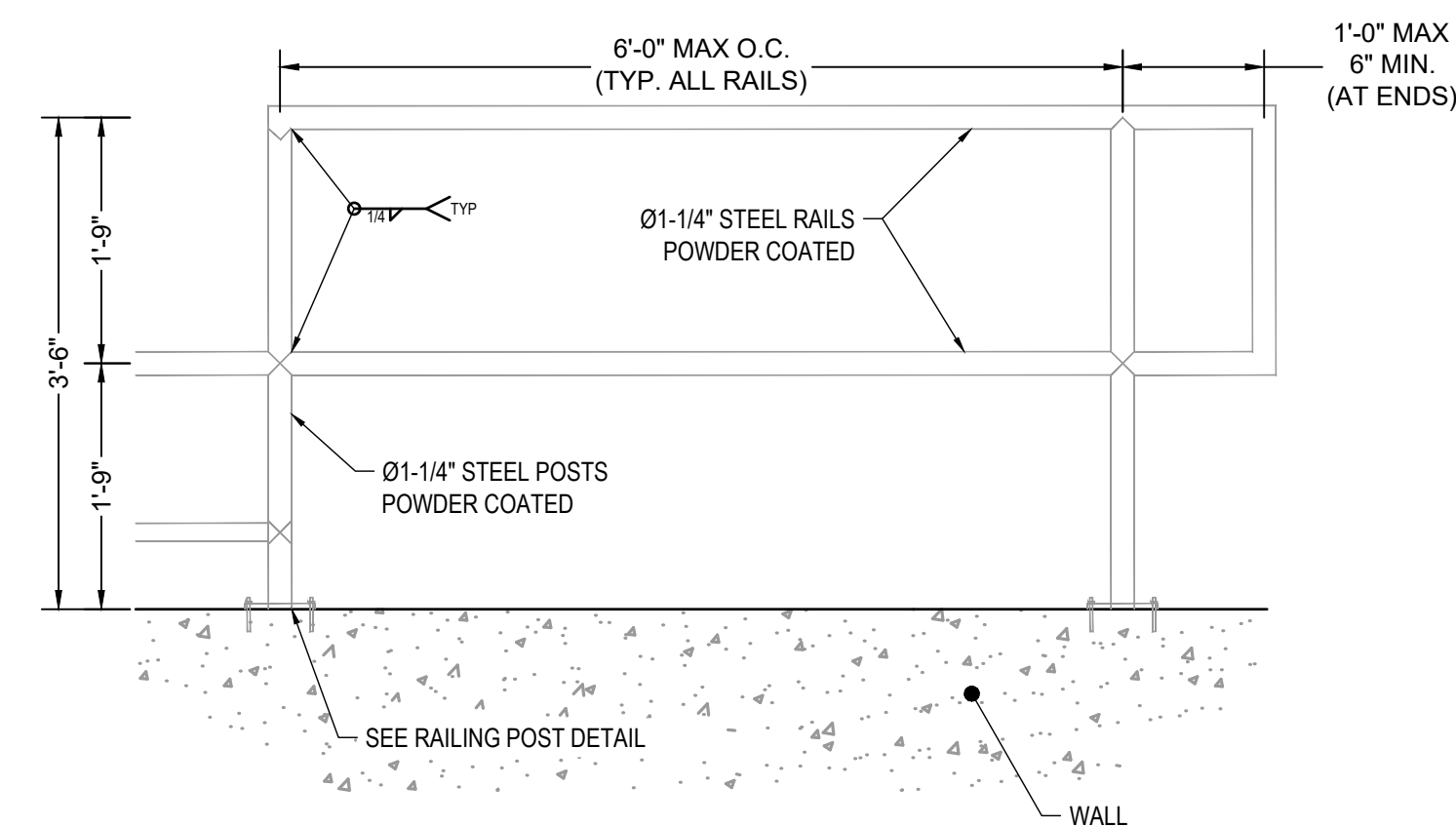
TRASH SCREEN DETAIL
(ELEVATION VIEW)
SCALE: 1" = 1-1/4'

TRASH SCREEN NOTES:

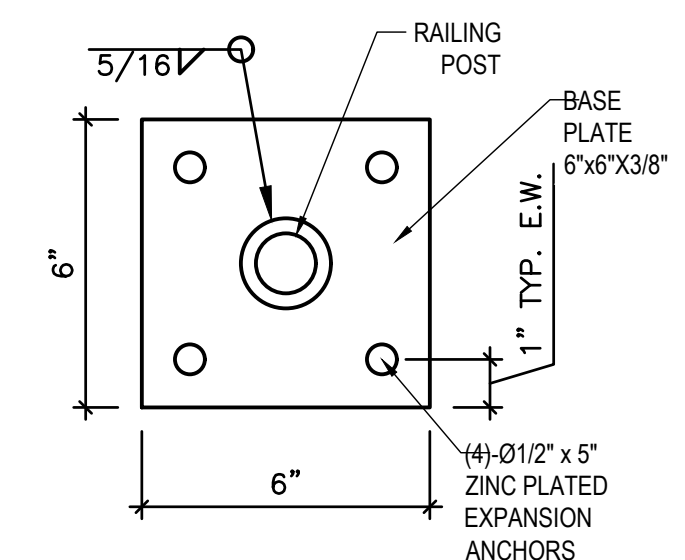
1. TRASH SCREEN SHALL BE CONSTRUCTED OF 1" THICK 19-W-4 GRATING WITH 1"x1/4" BANDING BARS ON EACH SIDE AND GALVANIZED OR APPROVED EQUIVALENT AND SHALL BE ATTACHED BY INTERMITTENT WELDS.
2. TRASH SCREEN OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS. TOTAL TRASH RACK SIZE MAY NEED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO (R VALUE).
3. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TRASH SCREEN FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE 16" O.C. MAX.
3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ORIFICE PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.
4. PROVIDE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE. GASKET SHALL BE MADE OF 1/4-INCH THICK, 60 DUROMETER EPDM RUBBER (OR EQUIVALENT GASKET APPROVED BY EPC) IN A CONTINUOUS SHEET THE SIZE OF THE ORIFICE PLATE. THE SHEET SHALL BE PLACED BETWEEN THE ORIFICE PLATE AND CONCRETE WALL, WITH THE WIDTH OF THE OVERLAP BETWEEN THE PLATE AND THE CONCRETE. OPENINGS SHALL BE CUT INTO THE SHEET CORRESPONDING TO THE PLATE BOLT HOLES AND THE CONCRETE WALL OPENING. CUTS MADE EITHER BY THE CONTRACTOR IN THE FIELD OR BY THE MANUFACTURER.



PEDESTRIAN / MAINTENANCE RAILING
(ELEVATION VIEW)
SCALE: 3/4" = 1'



PEDESTRIAN / MAINTENANCE
RAILING POST
(PLAN VIEW)
SCALE: 3/4" = 1'

TWO SIGNS SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS SHALL BE CONSTRUCTED OF A DURABLE MATERIAL SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND WITH THE BELOW MESSAGE.

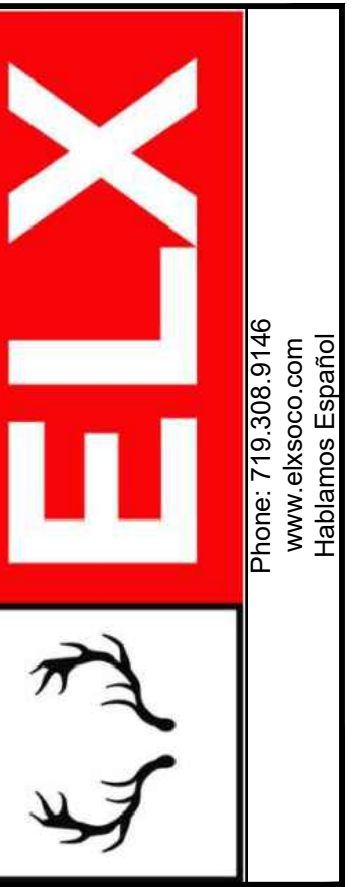
WARNING:
THIS AREA IS A
STORMWATER
FACILITY AND
IS SUBJECT TO
PERIODIC
FLOODING

MIN. SIGN AREA: 3 SQ. FT.

POND WARNING SIGN
DETAIL
SCALE: N.T.S.

09/22/2026
ELX REVISION #2

PCD FILE NO.: CDR-218



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PROJECT LOCATION:

SUNSET VILLAGE
FILING NO. 4
EL PASO COUNTY, COLORADO

CLIENT:

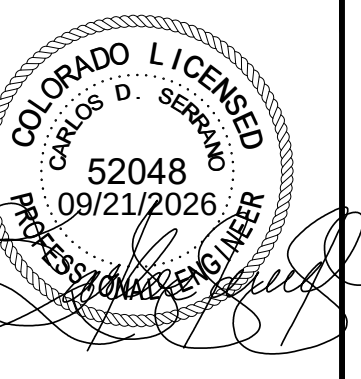
SCOTT ALLEN HOMES

CONTACT INFO:

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scott@punchlistconnection.com

PROFESSIONAL SEAL:



DATE: DESCRIPTION:

04/04/26 CDR218 REV. 1
09/22/26 CDR218 REV. 2

JOB #: 101544

DRAWN BY: CDS
REVIEWED BY: CDS
PROJ. MNGR.: CDS

PLAN SET:

SUNSET VILLAGE
FILING NO. 4
PERMANENT CONTROL MEASURE
INFRASTRUCTURE DETAILS

SHEET TITLE:

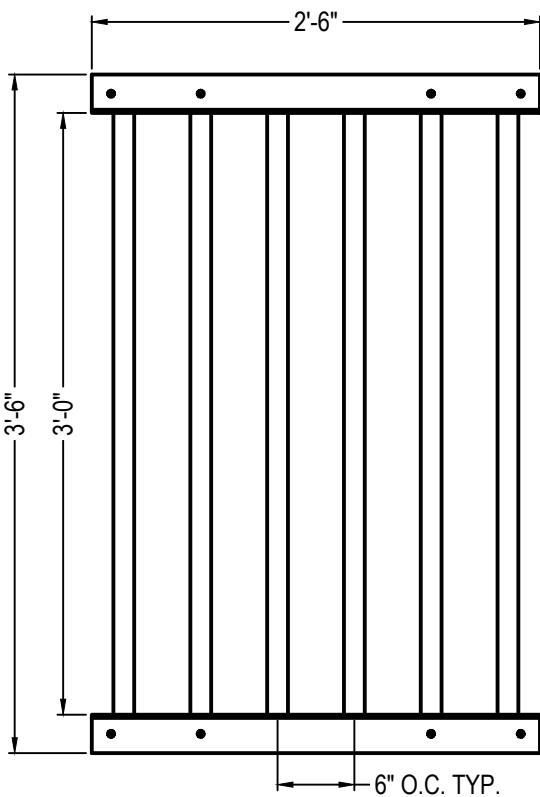
OUTLET STRUCTURE DETAILS

SHEET NO.:

21

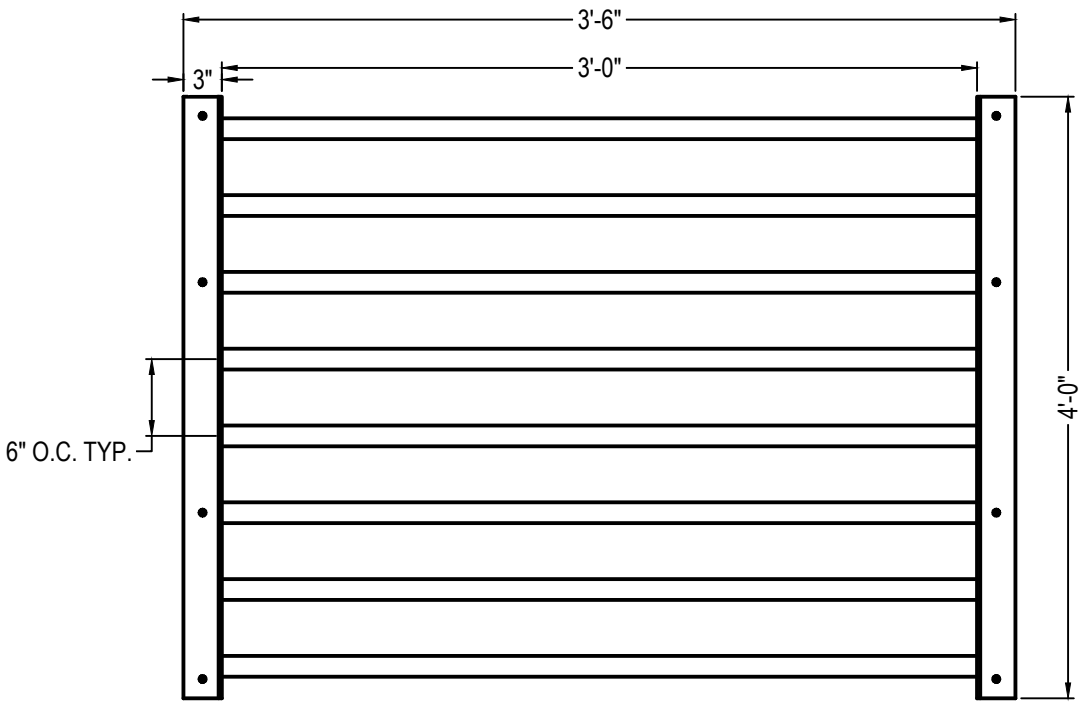
- SAFETY GRATES/TRASH RACK NOTES:**
1. TRASH RACKS AND SAFETY GRATES SHALL BE 1- $\frac{1}{2}$ " SCH. 40 STEEL PIPE, @ 6" CENTERS BOUNDED BY 3"x3"x1/4" ANGLE IRON. ALL GRATES SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE.
 2. REMOVABLE GRATE SECTIONS SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLTABLE ACCESS PANELS AS SHOWN ON THE PLANS.
 3. STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
 4. STRUCTURAL STEEL FOR GRATES SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

- RESTRICTOR PLATE NOTES:**
1. $\frac{3}{8}$ " THICK RESTRICTOR PLATE, GALVANIZED STEEL.
 2. BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
 3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.
 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR RESTRICTOR PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

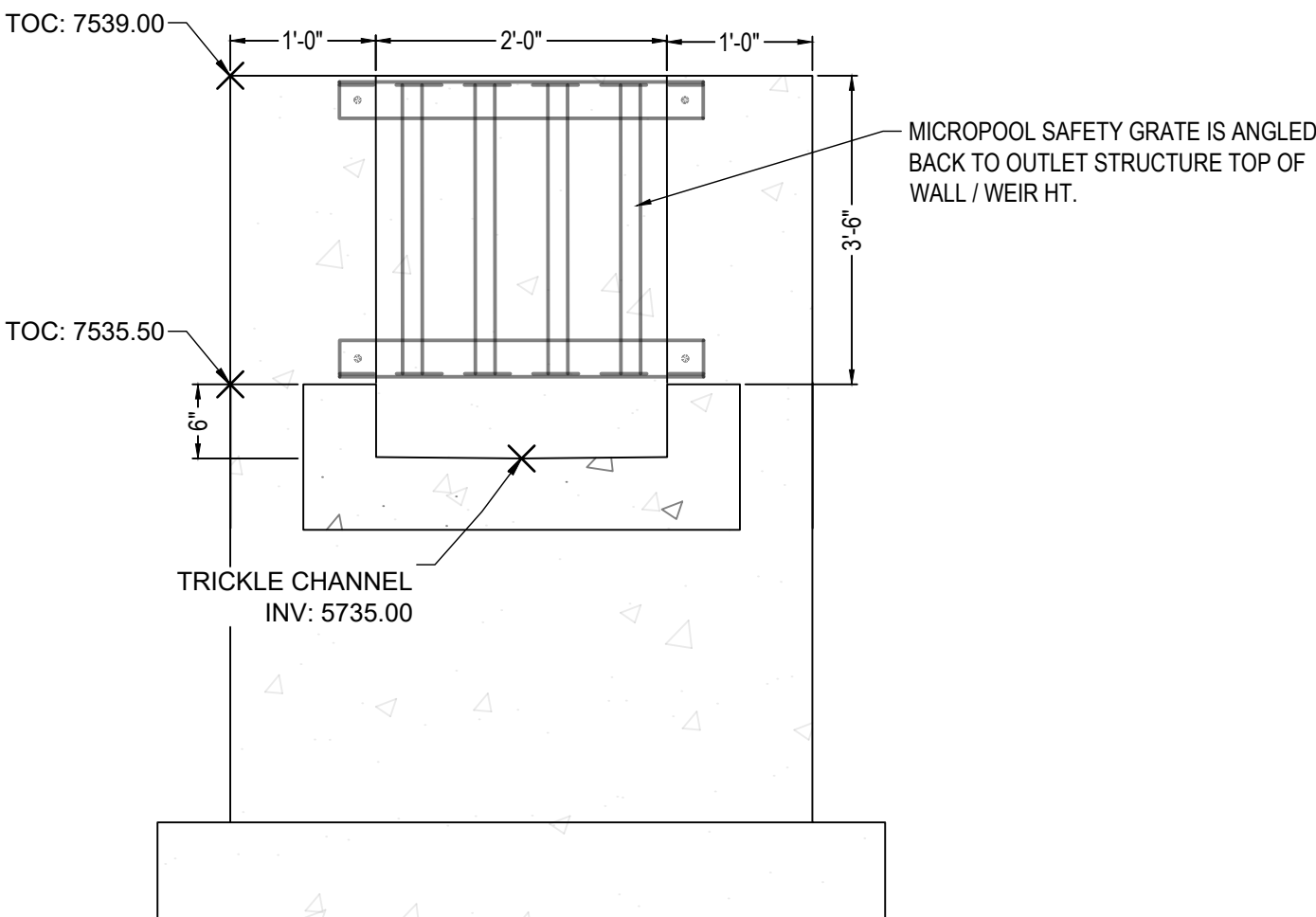


MICROPOOL FRONT/TOP
ANGLED GRATE
(ELEVATION VIEW)
SCALE: NTS

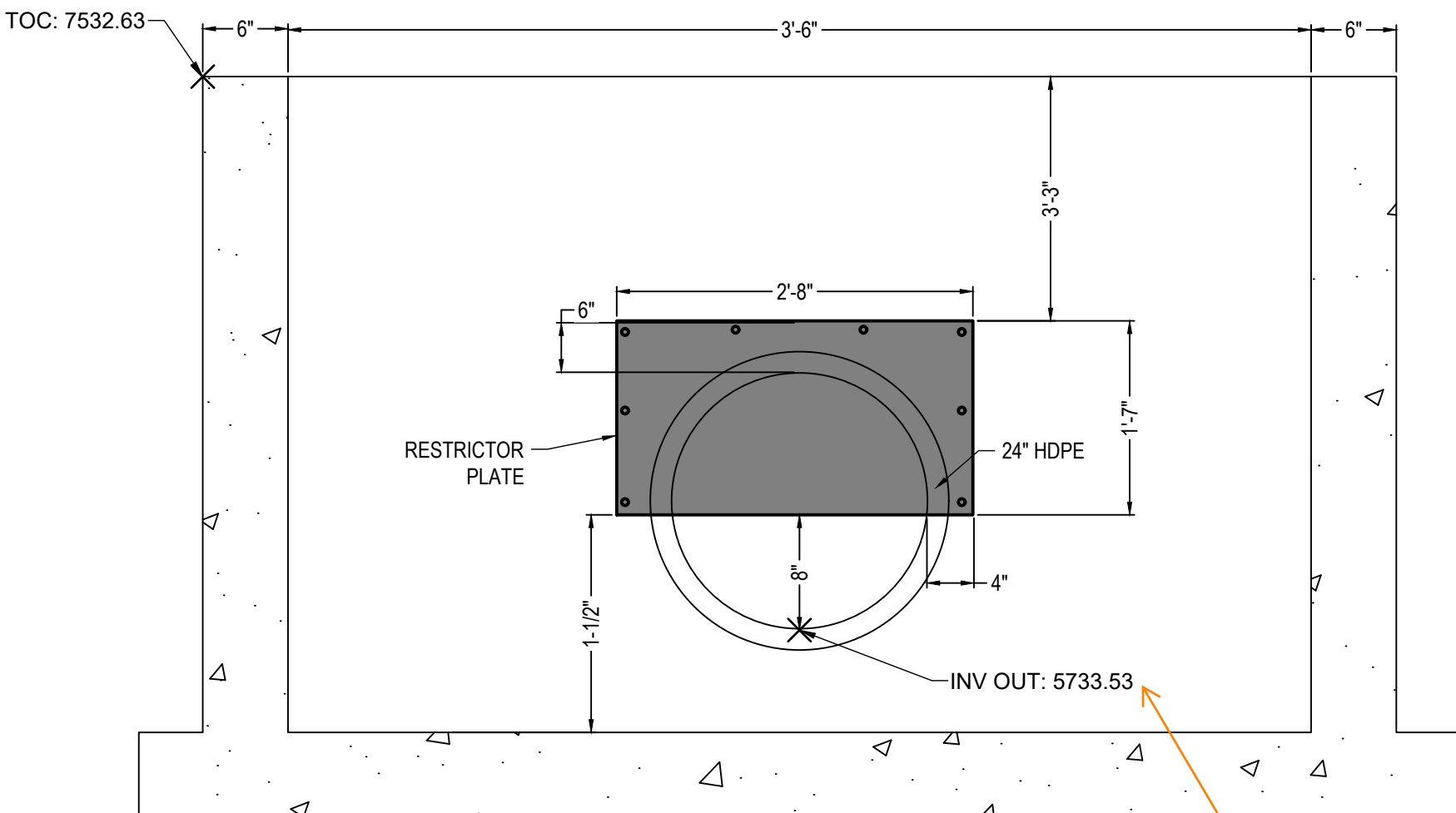
NOTE: TOTAL LENGTH OF FRONT/TOP MICROPOOL SAFETY GRATE IS 46'23" ACCOUNTING FOR ANGLED.



SAFETY GRATE (PLAN VIEW)
SCALE: NTS

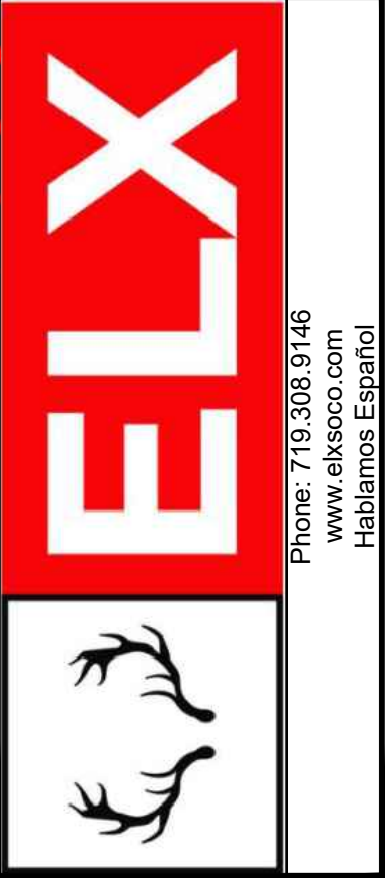


FRONT FACE OF STRUCTURE
(SECTION VIEW B-B)
SCALE: NTS



RESTRICTOR PLATE
(SECTION VIEW C-C)
SCALE: 1" = 1'-1/4"

See previous comment responses,
elevation will remain at 5733.53, MHFD
Detention calculations have been adjusted.



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scott@punchlistconnection.com

PROFESSIONAL SEAL:



DATE:	DESCRIPTION:
04/04/26	CDR218 REV. 1

JOB #: 101544

DRAWN BY: CDS
REVIEWED BY: CDS
PROJ. MNGR.: CDS

PLAN SET:

SUNSET VILLAGE
FILING NO. 4
PERMANENT CONTROL MEASURE
INFRASTRUCTURE DETAILS

SHEET TITLE:

OUTLET STRUCTURE DETAILS

SHEET NO.:

22