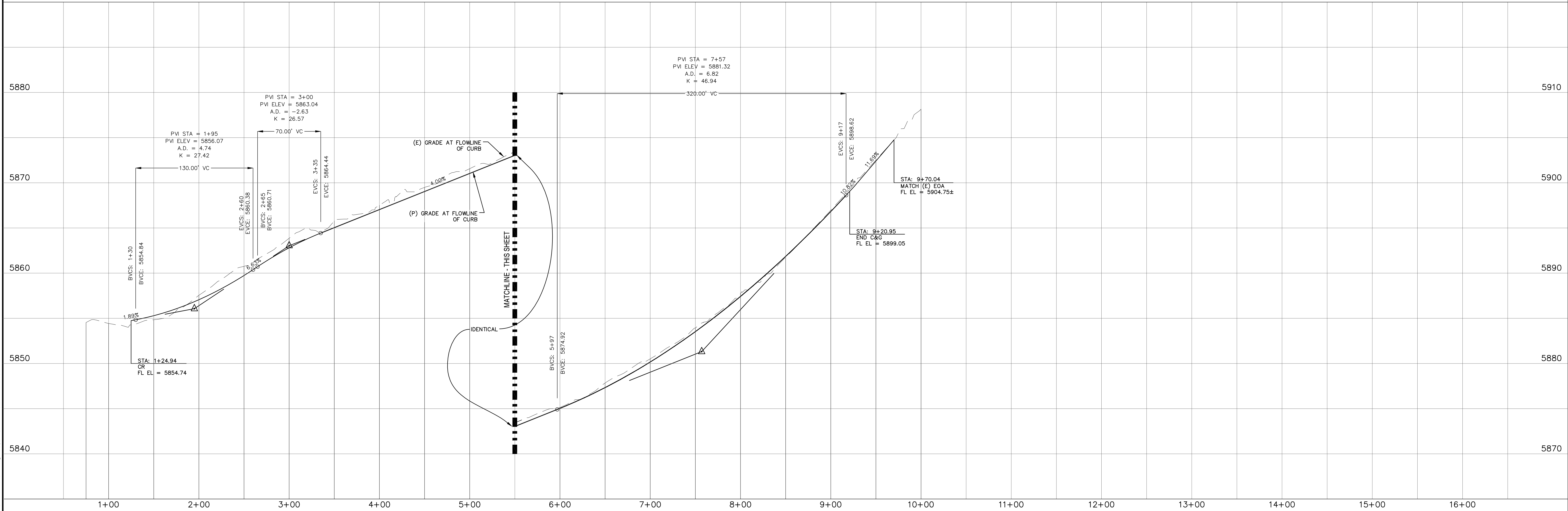
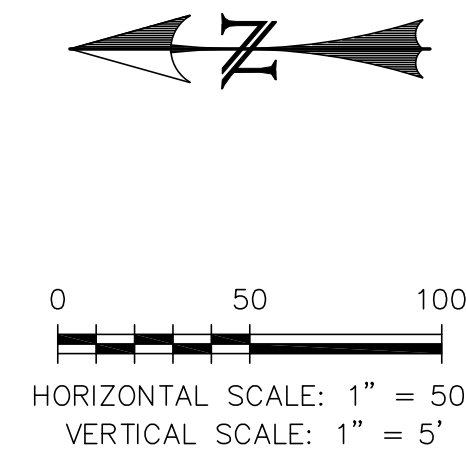


LINE TABLE - FL		
LINE	BEARING	DISTANCE
L1	S24°57'21"W	74.55
L2	S53°57'15"E	187.88
L3	S04°00'16"E	191.76
L4	S66°02'05"W	54.65
L5	S79°32'48"W	44.09

CURVE TABLE - FL			
CURVE	DELTA	RADIUS	LENGTH
C1	78°54'36"	117.00	161.14
C2	49°56'59"	83.00	72.36
C3	70°02'21"	48.00	58.68



REV.	DESCRIPTION	DATE



DESIGN DATA:	
SIDEWALKS: WIDTH: _____ LOCATION: <input type="checkbox"/> Attached <input type="checkbox"/> Detached	PAVEMENT: TYPE: HMA <input type="checkbox"/> BASE <input type="checkbox"/> THICKNESS: _____
DESIGN SPEED: _____	COMPOSITE SECTION: HMA _____ BASE _____
CURB TYPE: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	SUBGRADE STABILIZATION: CHEM. <input type="checkbox"/> MECH. <input type="checkbox"/>
ROW WIDTH: _____ FL-FL _____	TYPE _____ THICKNESS _____
STREET TYPE: _____	

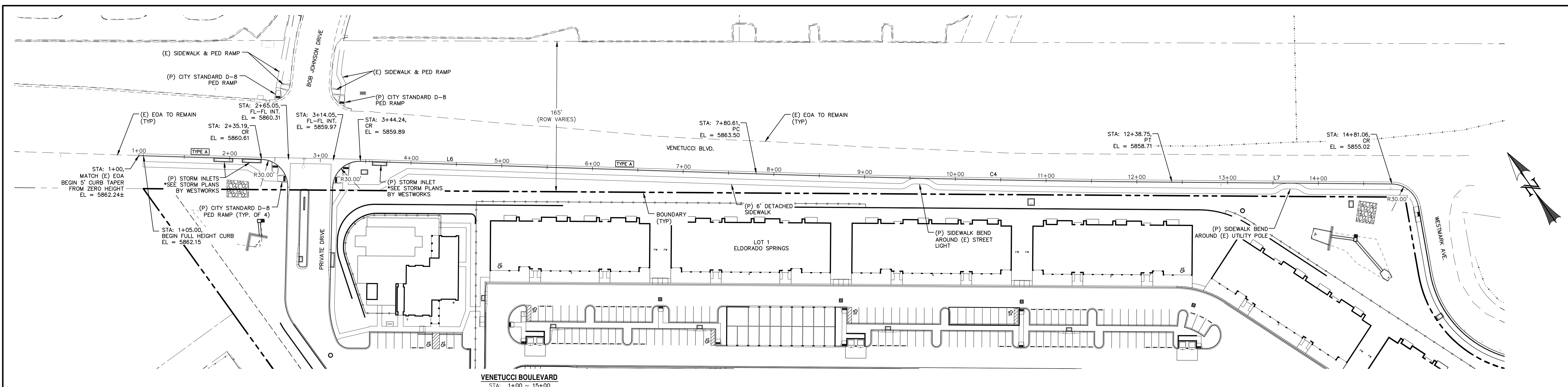
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ESH DEVELOPMENT, LLC
5671 NORTH ORACLE ROAD
SUITE #1102
TUSCON, AZ 85704
(520) 742-2114

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ELDORADO SPRINGS
STREET IMPROVEMENT PLANS
WESTMARK AVENUE

DESIGNED BY: MGP	DRAWN BY: CDK
SCALE: 1"=50'	DATE: 06/27/19
JOB NUMBER: 91807	SHEET: SI2 OF 5





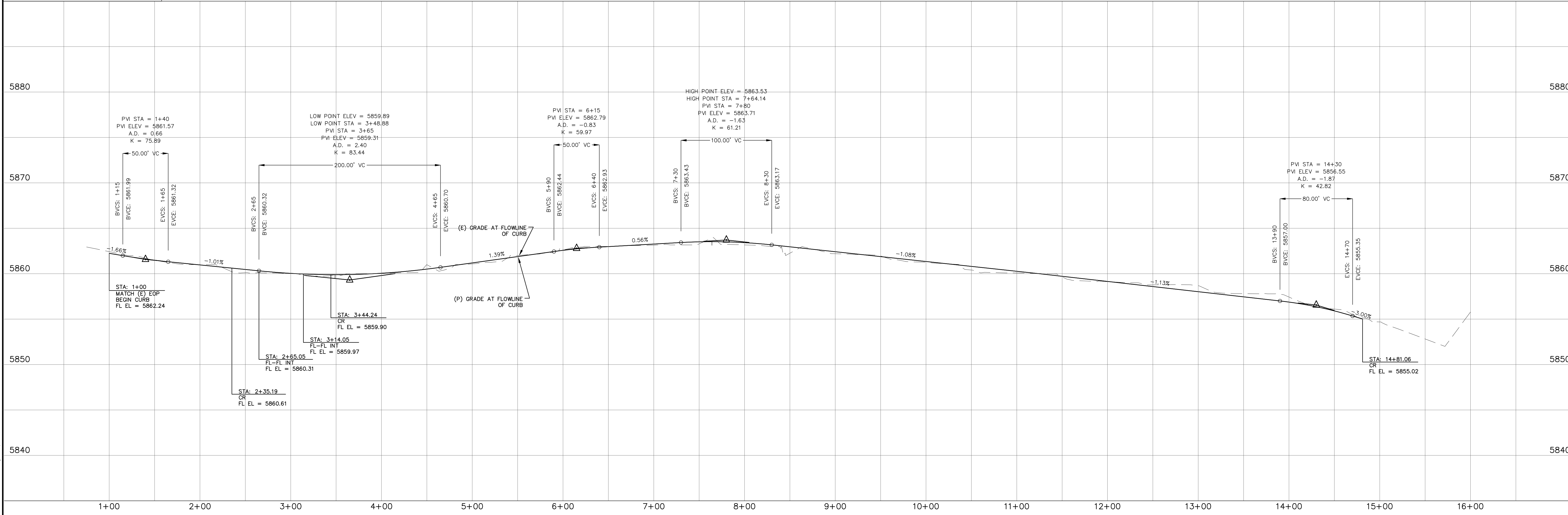
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LINE TABLE - FL			CURVE TABLE - FL			
LINE	BEARING	DISTANCE	CURVE	DELTA	RADIUS	LENGTH
L6	S53°18'36"E	680.61	C4	1°05'26"	24069.82	458.14
L7	S54°31'34"E	242.31				

050100

HORIZONTAL SCALE: 1" = 50'

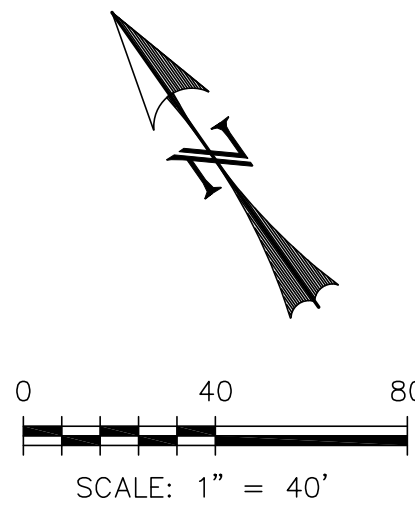
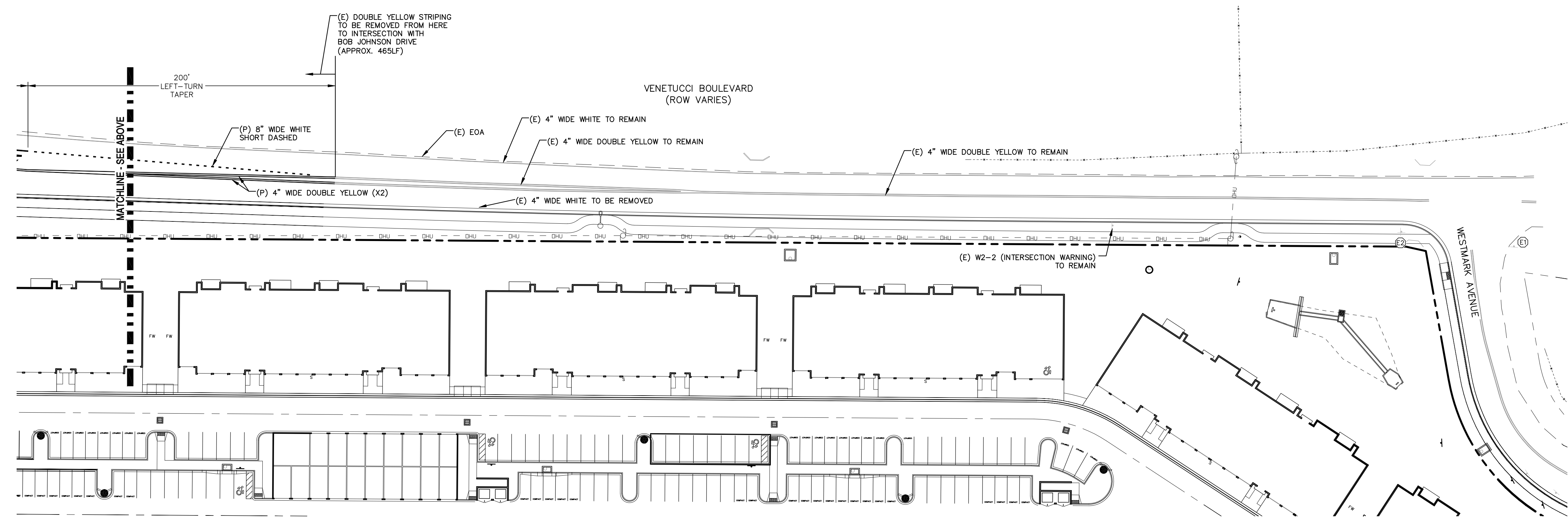
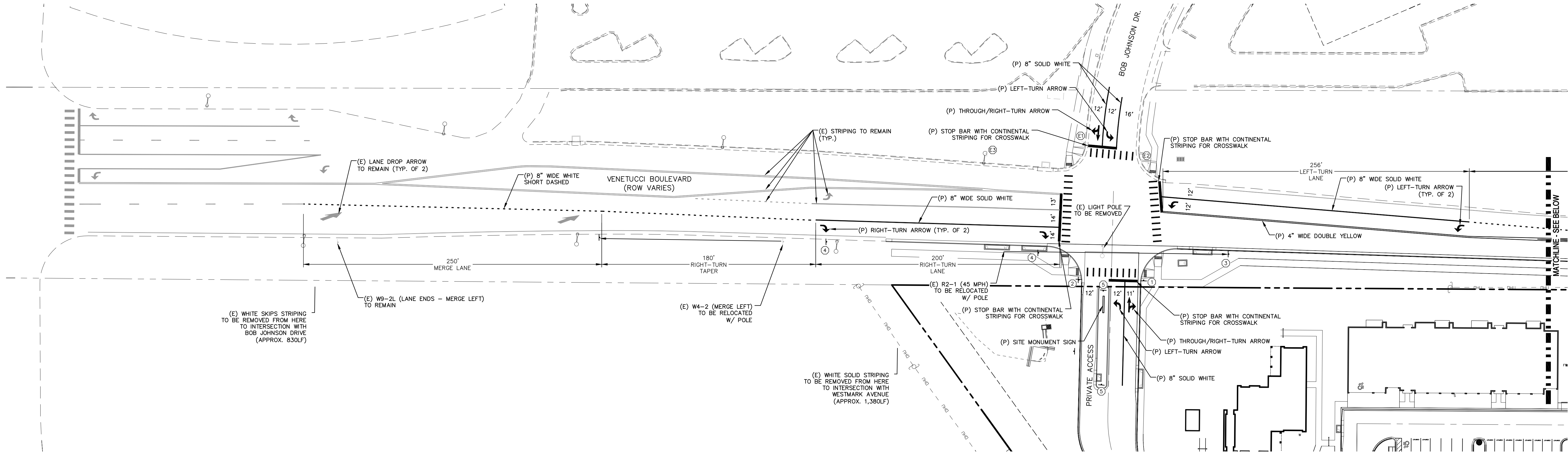
VERTICAL SCALE: 1" = 5'



REV.	DESCRIPTION	DATE	REVIEW:	DESIGN DATA:	PAVEMENT:	PREPARED FOR:	DESIGNED BY:	DRAWN BY:
			STREET DESIGN FOR CITY ENGINEERING	SIDEWALKS: WIDTH: LOCATION: <input type="checkbox"/> Attached <input type="checkbox"/> Detached	TYPE: <input type="checkbox"/> HMA <input type="checkbox"/> BASE <input type="checkbox"/> THICKNESS:	ESH DEVELOPMENT, LLC	MGP	CDK
			UTILITY GRADE REVIEW DATE: _____	DESIGN SPEED: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	COMPOSITE SECTION: <input type="checkbox"/> HMA <input type="checkbox"/> BASE	5671 NORTH ORACLE ROAD SUITE #1102 TUSCON, AZ 85704 (520) 742-2114	SCALE: 1"=50'	DATE: 06/27/19
			CURB & GUTTER REVIEW DATE: _____	CURB TYPE: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	SUBGRADE STABILIZATION: CHEM. <input type="checkbox"/> MECH. <input type="checkbox"/>		JOB NUMBER	SHEET
			FINAL REVIEW DATE: _____	ROW WIDTH: _____ FL-FL	TYPE _____ THICKNESS _____		91807	SI3 OF 5
			DRAINAGE DESIGN DATE: _____	STREET TYPE: _____				
			THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.806 (DRAINAGE ORDINANCE) OF THE CODE OF COLORADO SPRINGS 2001, AS AMENDED.					

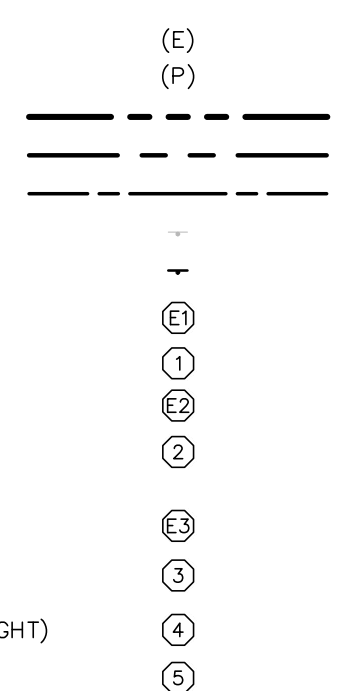
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W:\Projects\81807 - Eldorado Springs\81807-05-Venetucci-05-Plan.dwg - Thursday, June 27, 2019 12:35:18 PM - 12:35 PM - Westworks Civil



LEGEND

- EXISTING
- PROPOSED
- BOUNDARY
- RIGHT-OF-WAY
- LOT LINE
- (E) SIGN
- (P) SIGN
- (E) R1-1 (STOP SIGN - 30"x30")
- (P) R1-1 (STOP SIGN - 30"x30")
- (E) D-3 (STREET NAME)
- (P) D-3 (STREET NAME)
- [6" HEIGHT; 4" LETTERING]
- (E) SPEED LIMIT SIGN (40 MPH)
- (P) SPEED LIMIT SIGN (45 MPH)
- (P) R3-7R (RIGHT LANE MUST TURN RIGHT)
- (P) R4-7R (KEEP RIGHT - MEDIAN)



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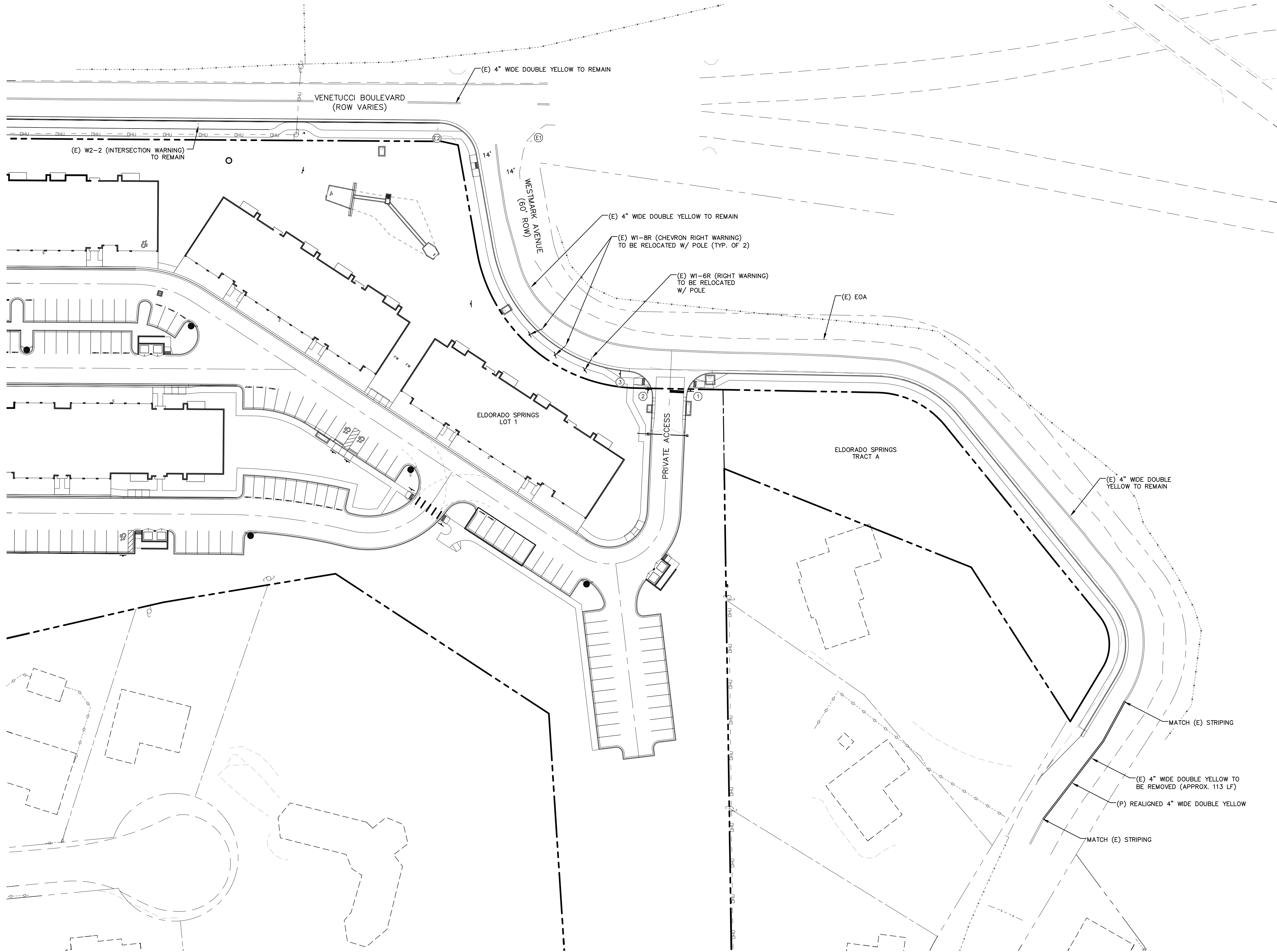
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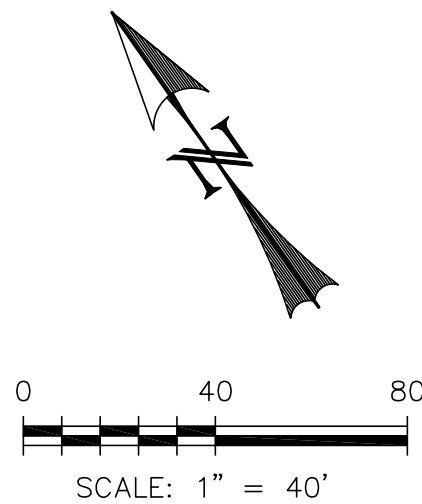
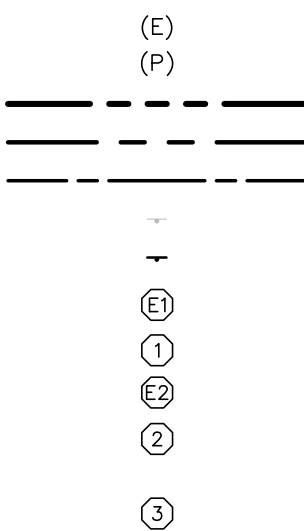
ELDORADO SPRINGS		DESIGNED BY: CDK	DRAWN BY: CDK
SIGNAGE & STRIPING PLAN VENETUCCI BOULEVARD		SCALE: 1" = 40'	DATE: 06/27/19
		JOB NUMBER: 91807	SHEET: SI4 OF 5

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LEGEND

- EXISTING
- PROPOSED
- BOUNDARY
- RIGHT-OF-WAY
- LOT LINE
- (E) SIGN
- (P) SIGN
- (E) R1-1 (STOP SIGN - 30"x30")
- (P) R1-1 (STOP SIGN - 30"x30")
- (E) D-3 (STREET NAME)
- (P) D-3 (STREET NAME)
- [6" HEIGHT; 4" LETTERING]
- (P) SPEED LIMIT SIGN (25 MPH)



REV.	DESCRIPTION	DATE

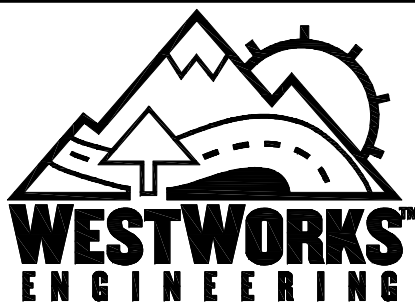


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ELDORADO SPRINGS		DESIGNED BY: CDK	DRAWN BY: CDK
SIGNAGE & STRIPING PLAN WESTMARK AVENUE		SCALE: 1" = 40'	DATE: 06/27/19
		JOB NUMBER 91807	SHEET S15 OF 5

LOT 1
WORLD ARENA
SUBDIVISION
FILING NO. 5

LOT 2
WORLD ARENA
SUBDIVISION
FILING NO. 3

LOT 3
WORLD ARENA
SUBDIVISION
FILING NO. 6

BOB JOHNSON DR.

VENETUCCI BLVD.

CHAMBERLIN PL.

WESTMARK AVE.

POND A

POND B

UNPLATTED

SUBDIVISION OF TRACT B
ABRAHAMSON'S
STRATMOOR HILLS

STRATMOOR HILLS
ADDITION NO. 2

BLOCK 1
STRATMOOR HILLS
ADDITION NO. 5

SITE MAP

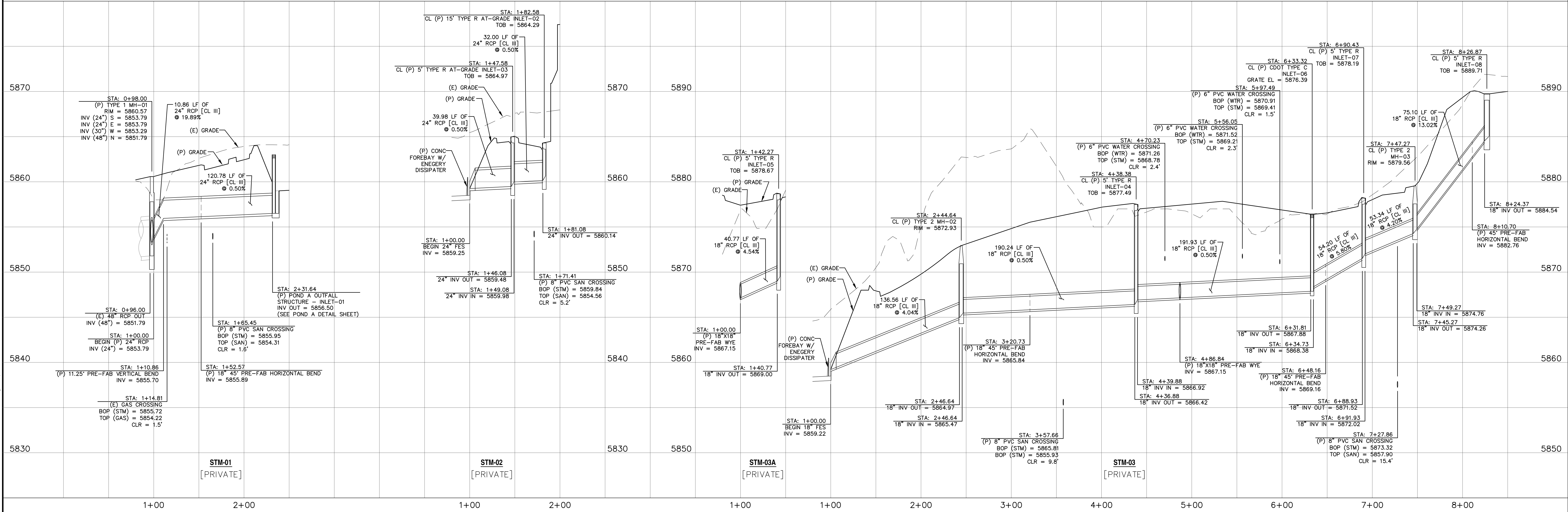
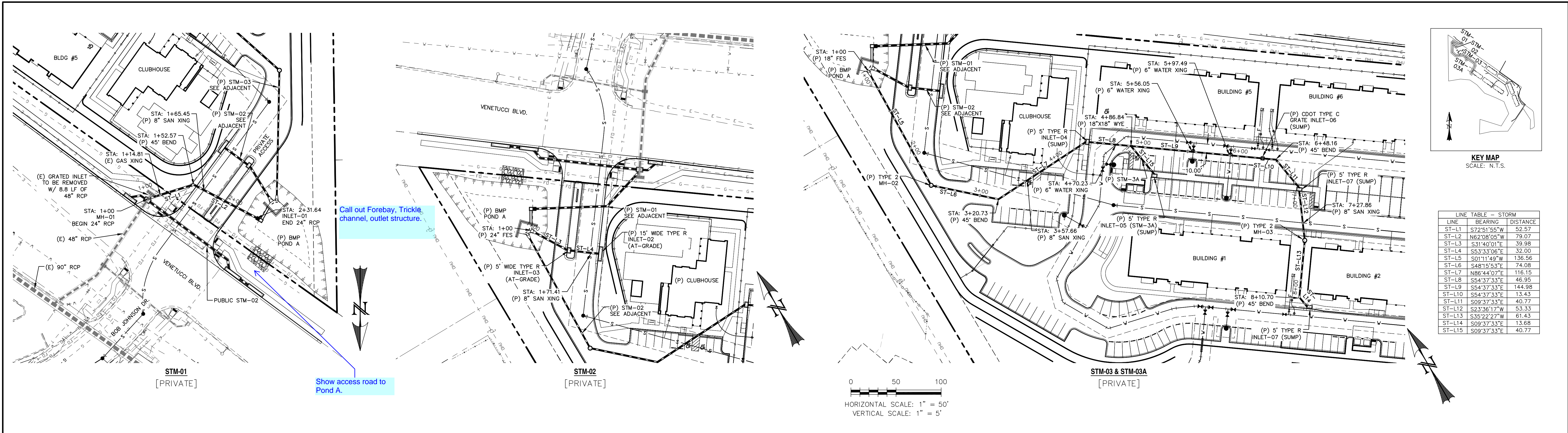
SCALE: 1" = 200'

1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS AT THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING ENGINEERING CRITERIA MANUAL (ECM):
 - a. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - b. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 - c. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - d. CDOT M & S STANDARDS
4. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VIOLATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER—THE FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PCD) – INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS—ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.
11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DPW AND MUTCD CRITERIA.
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.


1. CONSTRUCTION WILL NOT COMMENCE UNTIL A CONSTRUCTION PERMIT IS OBTAINED FROM DEVELOPMENT SERVICES AND A PRECONSTRUCTION CONFERENCE IS HELD WITH DEVELOPMENT SERVICES INSPECTIONS.
2. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF SITE WATERS, INCLUDING WETLANDS.
3. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL BE CONFORMANT TO THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
4. A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. DURING CONSTRUCTION THE SWMP IS THE RESPONSIBILITY OF THE DESIGNATED STORMWATER MANAGER SHALL BE LOCATED ON SITE AT ALL TIMES AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
5. ONCE THE ESQCP HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STATE EROSION AND SEDIMENT CONTROL BMPs AS INDICATED ON THE GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND DATE.
6. SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 21 CALENDAR DAYS AFTER FINAL GRADING, OR FINAL EARTH DISTURBANCE, HAS BEEN COMPLETED. DISTURBED AREAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS SHALL ALSO BE MULCHED WITHIN 21 DAYS AFTER INTERIM GRADING. AN AREA THAT IS GOING TO REMAIN IN AN INTERIM STATE FOR MORE THAN 60 DAYS SHALL ALSO BE SEEDDED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND ESTABLISHED.
7. TEMPORARY SOIL EROSION CONTROL FACILITIES SHALL BE REMOVED AND EARTH DISTURBANCE AREAS GRADED AND STABILIZED WITH PERMANENT SOIL EROSION CONTROL MEASURES PURSUANT TO STANDARDS AND SPECIFICATION PRESCRIBED IN THE DCM VOLUME II AND THE ENGINEERING CRITERIA MANUAL (ECM) APPENDIX I.
8. ALL PERSONS ENGAGED IN EARTH DISTURBANCE SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING BMPs IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS OF THE DRAINAGE CRITERIA MANUAL (DCM) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANAGEMENT PLAN (SWMP).
9. ALL TEMPORARY EROSION CONTROL FACILITIES INCLUDING BMPs AND ALL PERMANENT FACILITIES INTENDED TO CONTROL EROSION OF ANY EARTH DISTURBANCE OPERATIONS, SHALL BE INSTALLED AS DEFINED IN THE APPROVED PLANS, THE SWMP AND THE DCM VOLUME II AND MAINTAINED THROUGHOUT THE DURATION OF THE EARTH DISTURBANCE OPERATION.
10. ANY EARTH DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY REDUCE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME.
11. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE DESIGNED TO LIMIT THE DISCHARGE TO A NON-EROSIVE VELOCITY.
12. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP, NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
13. EROSION CONTROL BLANKETING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
14. BUILDING, CONSTRUCTION, EXCAVATION, OR OTHER WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. BMPs MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
15. VEHICLE TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFFSITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO SOLID WASTE OR DEBRIS INCLUDING CONSTRUCTION MATERIALS, EXCAVATION MATERIALS, OR OTHER WASTE MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
17. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, AND SAND THAT MAY ACCUMULATE AT THE STORM SEWER OR OTHER DRAINAGE CONVEYANCE SYSTEM AND STORMWATER APPEARANCES AS A RESULT OF SITE DEVELOPMENT.
18. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
19. NO CHEMICALS ARE TO BE USED BY THE CONTRACTOR, WHICH HAVE THE POTENTIAL TO BE RELEASED IN STORMWATER UNLESS PERMISSION FOR THE USE OF A SPECIFIC CHEMICAL IS OBTAINED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING THE USE OF SUCH CHEMICALS, SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
20. BULK STORAGE STRUCTURES FOR PETROLEUM PRODUCTS AND OTHER CHEMICALS SHALL HAVE ADEQUATE PROTECTION SO AS TO CONTAIN ALL SPILLS AND PREVENT ANY SPILLED MATERIAL FROM ENTERING STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
21. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE FLOW LINE OF THE CURB AND GUTTER OR IN THE DITCHLINE.
22. INDIVIDUALS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS INCLUDED IN THE DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (NPDES, FLOODPLAIN, 404, FUGITIVE EMISSIONS, AND THE USE OF PESTICIDES). VIOLATIONS OF ANY OF THE STATE, FEDERAL, OR FEDERAL AND STATE REGULATIONS OR RESTRICTED LAWS, RULES, OR REGULATIONS SHALL BE CONSIDERED A VIOLATION OF THE PERMIT, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY VIOLATIONS OF ANY OF THE STATE, FEDERAL, OR FEDERAL AND STATE REGULATIONS, RULES, OR REGULATIONS SHALL APPLY.
23. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
24. PRIOR TO ACTUAL CONSTRUCTION THE PERMITEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
25. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
26. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY **ENTECH ENGINEERING** AND SHALL BE CONSIDERED A PART OF THESE PLANS.

A map of the area around the World Arena. The map shows several roads: Lake Ave. running horizontally at the top, S. Circle Dr. curving at the top right, Venetucci Blvd. running diagonally from the top left to the bottom right, I-25 running diagonally parallel to Venetucci Blvd. on the right side, Cheyenne Meadows Rd. running diagonally from the bottom left towards the center, and Westmark Ave. running horizontally at the bottom right. The World Arena is located between Venetucci Blvd. and I-25. The 'SITE' is marked with a black dot and a curved arrow pointing to it, located south of the World Arena and east of Cheyenne Meadows Rd. A north arrow is located on the left side of the map, pointing upwards.

E:\Projects\91807 - Colorado Springs\diag\...CDs\STM\91807-Str-01-Cover - _Cover - Thursday, June 27, 2019 2:43:16 PM - 12:53 PM - WestWorks Chat



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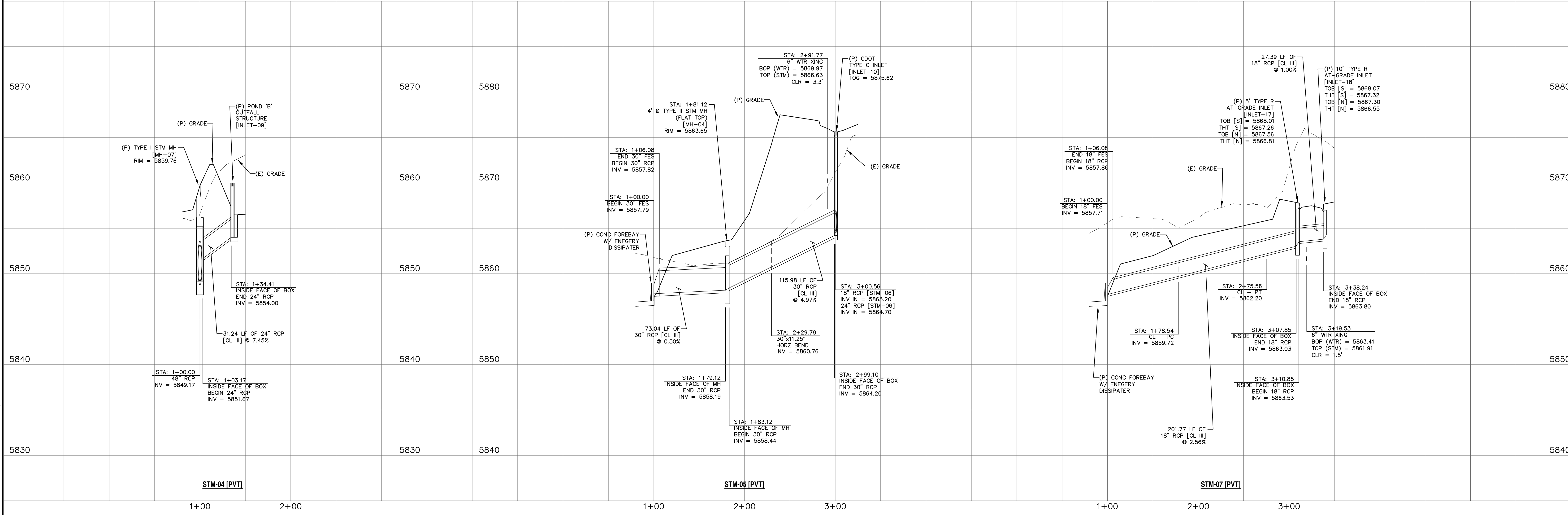
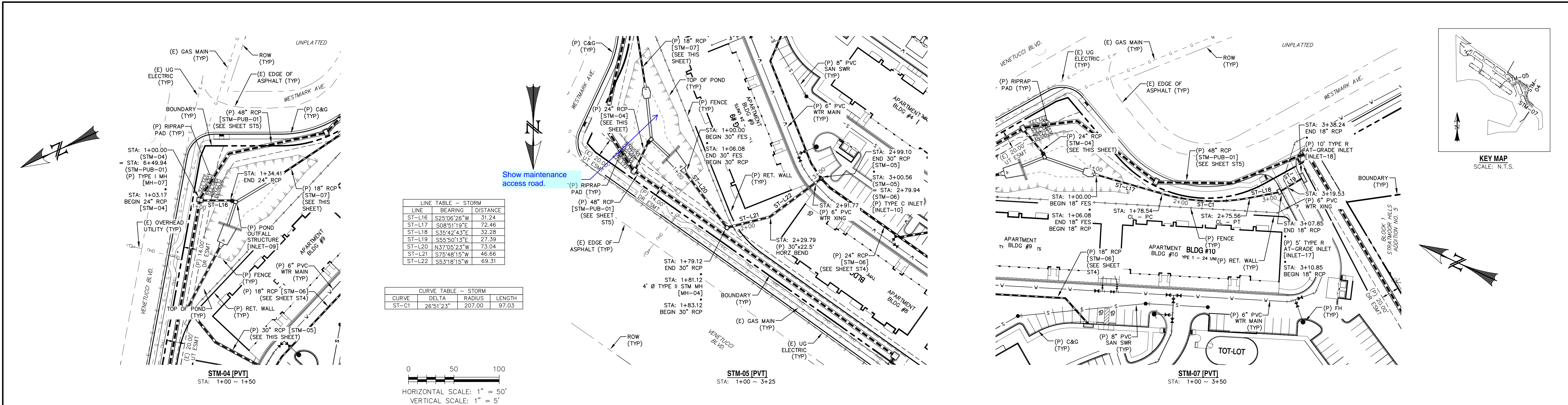
WESTWORKS ENGINEERING

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ELDORADO SPRINGS

STORM SEWER PLAN & PROFILES
STM-01, STM-02, STM-03, & STM-03A

DESIGNED BY: MGP	DRAWN BY: CDK
SCALE: 1"=50'	DATE: 06/27/19
JOB NUMBER: 91807	SHEET: ST2 OF 9



REV.	DESCRIPTION	DATE



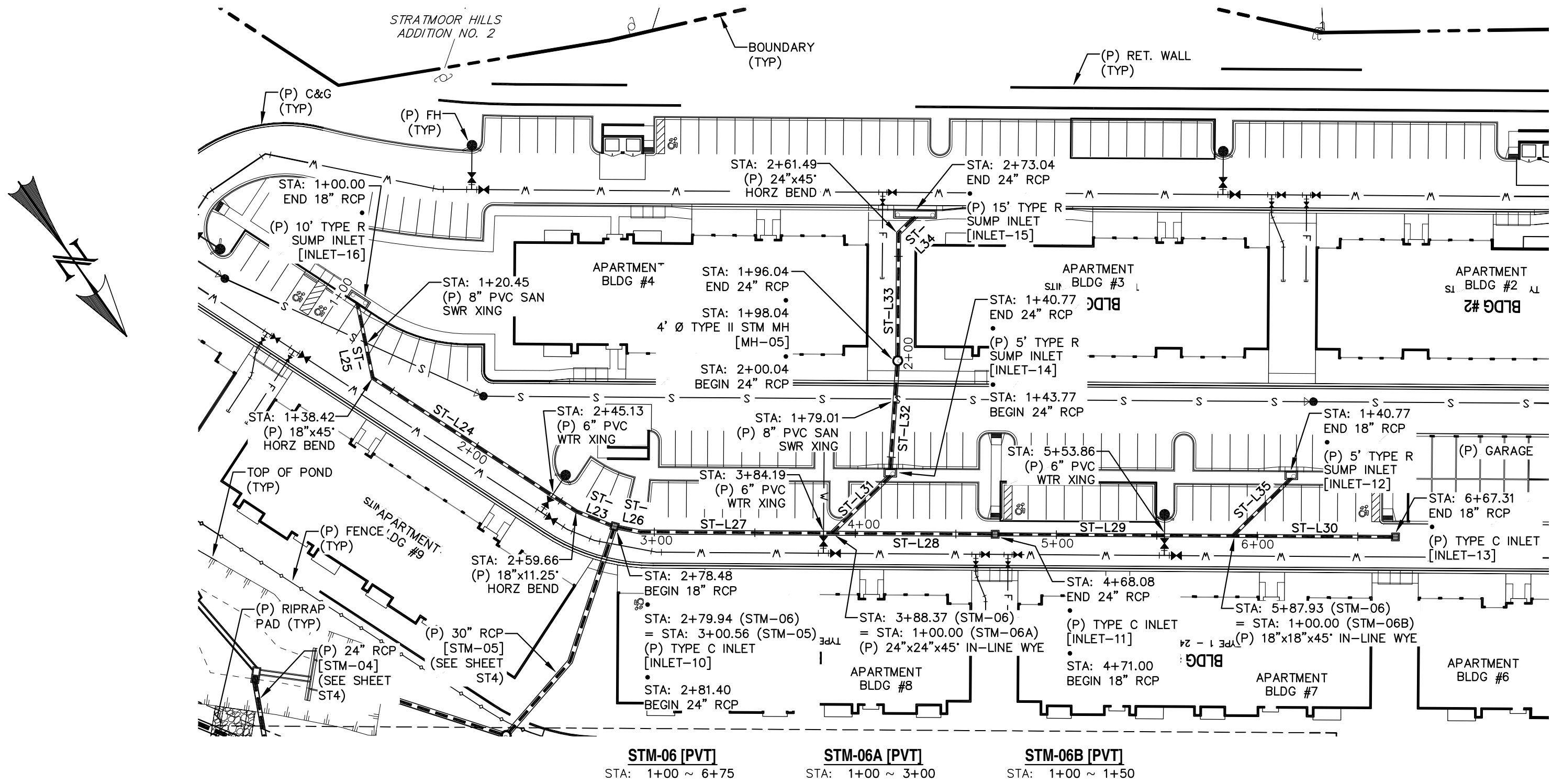
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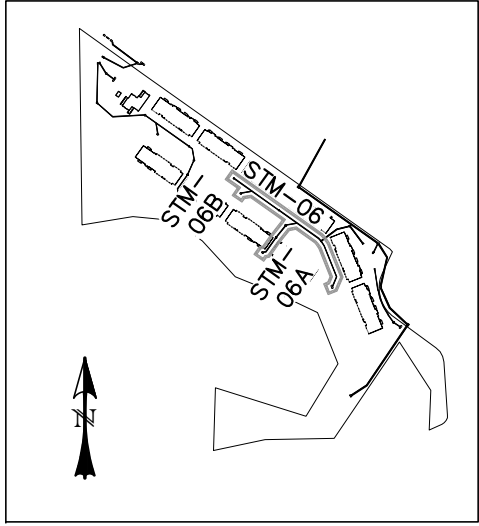
PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF
WESTWORKS ENGINEERING
1023 W. COLORADO COLORADO SPRINGS, CO 80904 (719) 685-1670

ELDERADO SPRINGS
STORM SEWER PLAN & PROFILES
STM-04, STM-05, & STM-07

DESIGNED BY:	MGP	DRAWN BY:	MGP
SCALE:	1"=50'	DATE:	06/27/19
JOB NUMBER	91807	SHEET	ST3 OF 9

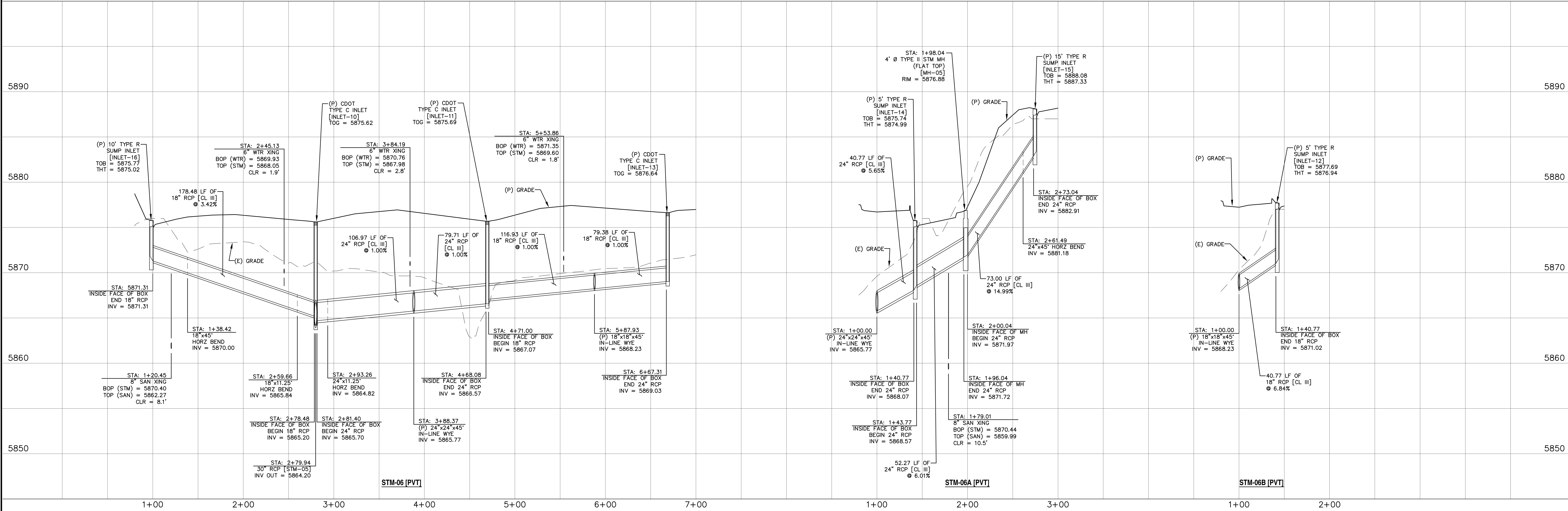


LINE TABLE - STORM		
LINE	BEARING	DISTANCE
ST-L23	S33°01'15"E	18.82
ST-L24	S21°46'15"E	121.24
ST-L25	S23°13'45"W	38.42
ST-L26	N43°22'33"W	11.86
ST-L27	N54°37'33"W	95.11
ST-L28	N54°37'33"W	79.71
ST-L29	N54°37'33"W	116.93
ST-L30	N54°37'33"W	79.38
ST-L31	S80°22'27"W	40.77
ST-L32	S38°53'49"W	52.27
ST-L33	S35°22'27"W	61.44
ST-L34	S80°22'27"W	11.55
ST-L35	S80°22'27"W	40.77



KEY MAP
SCALE: N.T.S.

0 50 100
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



REV.	DESCRIPTION	DATE

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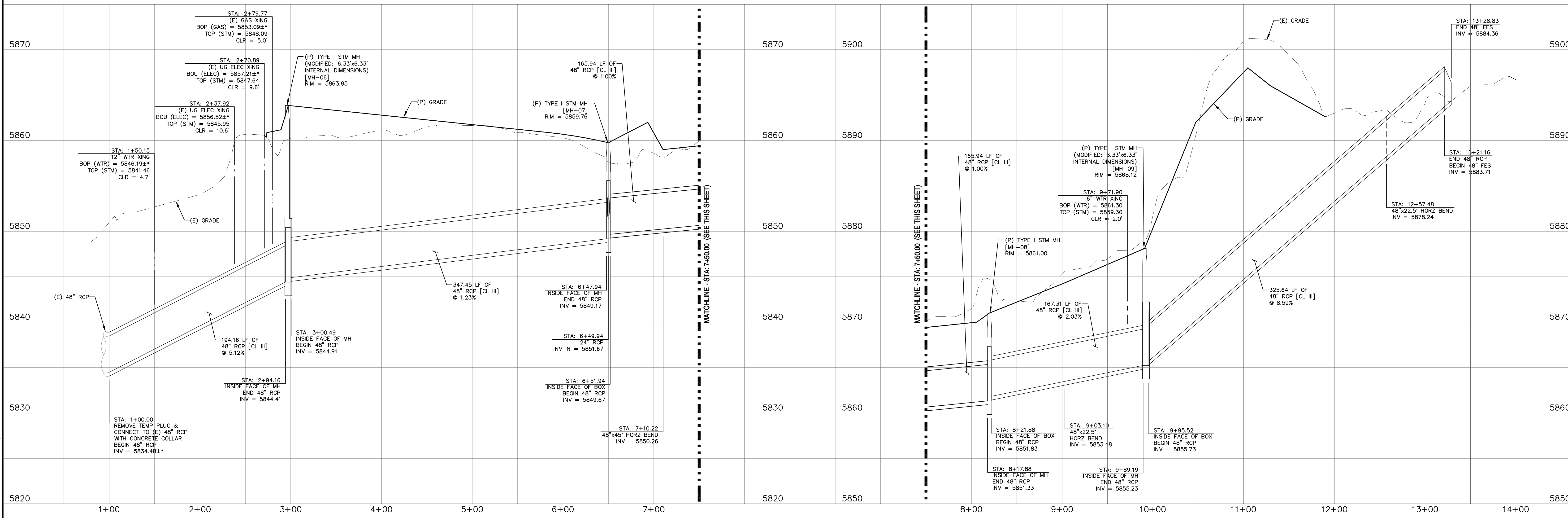
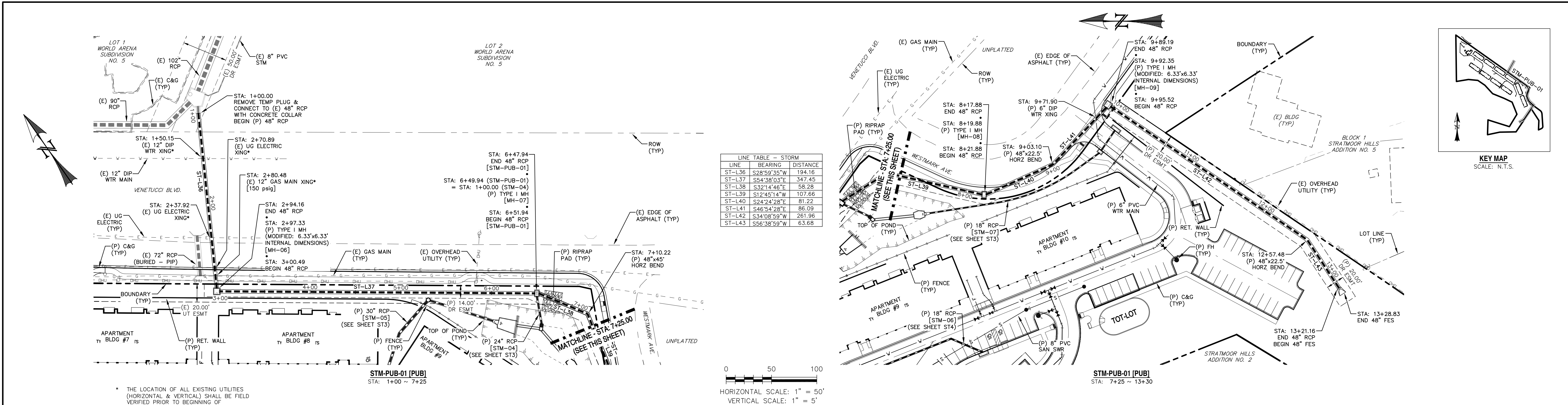
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5671 NORTH ORACLE ROAD
SUITE #1102
TUSCON, AZ 85704
(520) 742-2114

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NOT FOR CONSTRUCTION
CHAL



ELDORADO SPRINGS
STORM SEWER PLAN & PROFILES
STM-06, STM-06A, & STM-06B

DESIGNED BY: MGP	DRAWN BY: MGP
SCALE: 1"=50'	DATE: 06/27/19
JOB NUMBER: 91807	SHEET: ST4 OF 9



REV.	DESCRIPTION	DATE

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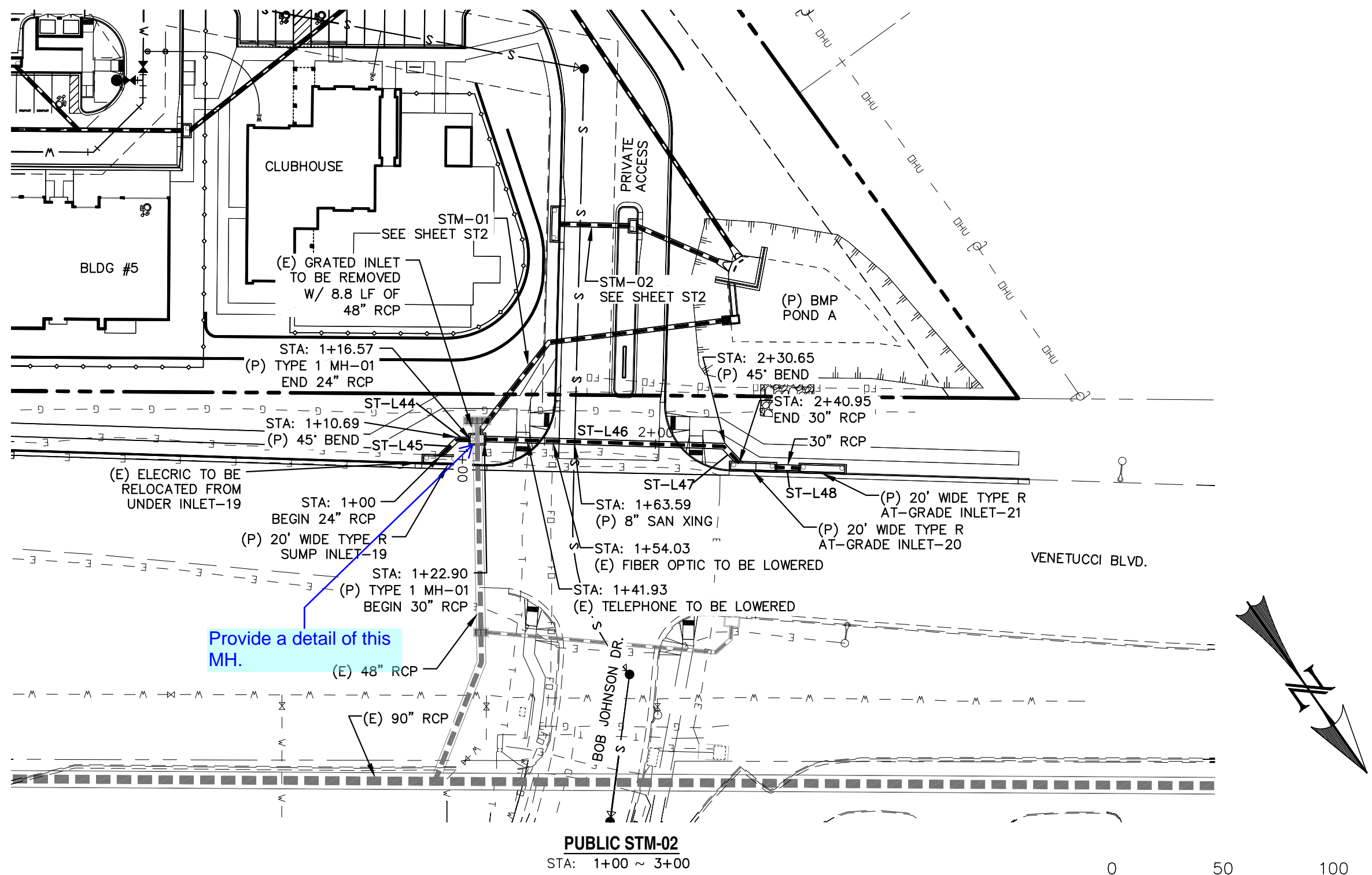
1023 W. COLORADO COLORADO SPRINGS, CO 80904 (719) 685-1670

ELDORADO SPRINGS

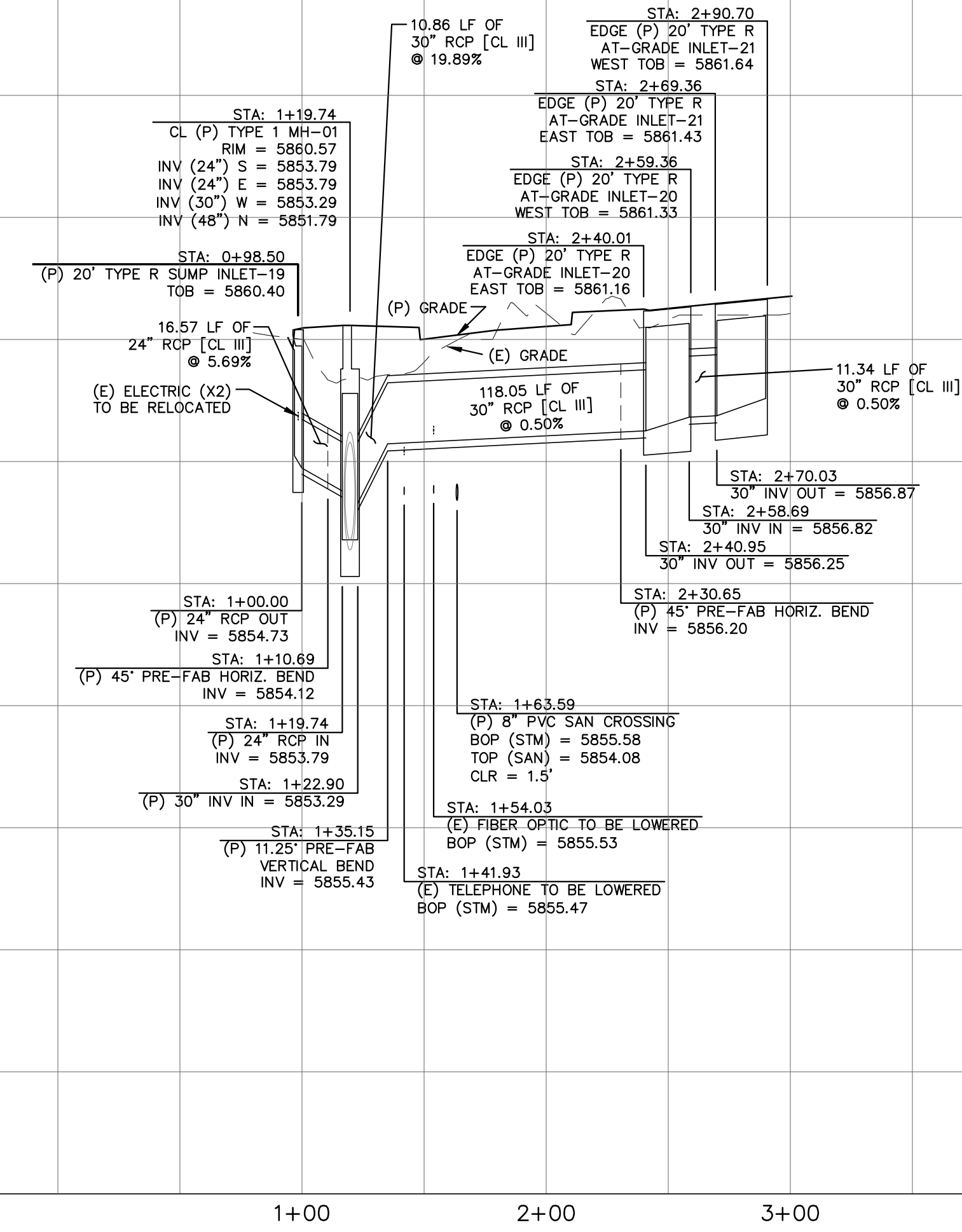
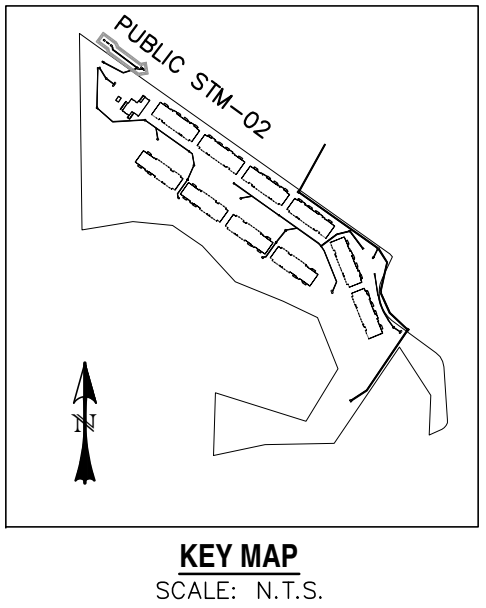
STORM SEWER PLAN & PROFILES
STM-PUB-01

DESIGNED BY:	MGP	DRAWN BY:	MGP
SCALE:	1"=50'	DATE:	06/27/19
JOB NUMBER	91807	SHEET	ST5 OF 9

\\V:\projects\81807\81807.dwg - Eldorado Springs\81807.dwg - 2019-06-27 10:15:12 PM - 12.54 MB - R:\Users\jchall\OneDrive - Westworks\81807.dwg



LINE TABLE - STORM		
LINE	BEARING	DISTANCE
ST-L44	S56°06'50"E	5.87
ST-L45	N80°32'59"E	10.69
ST-L46	N53°16'45"W	107.76
ST-L47	N08°16'45"W	10.30
ST-L48	N53°16'45"W	11.34



REV.	DESCRIPTION	DATE

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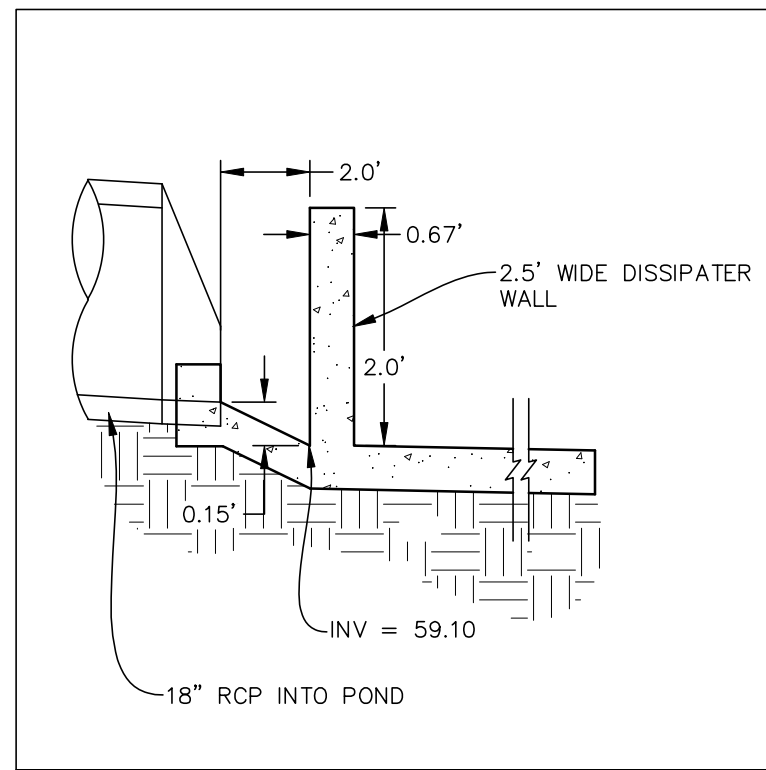
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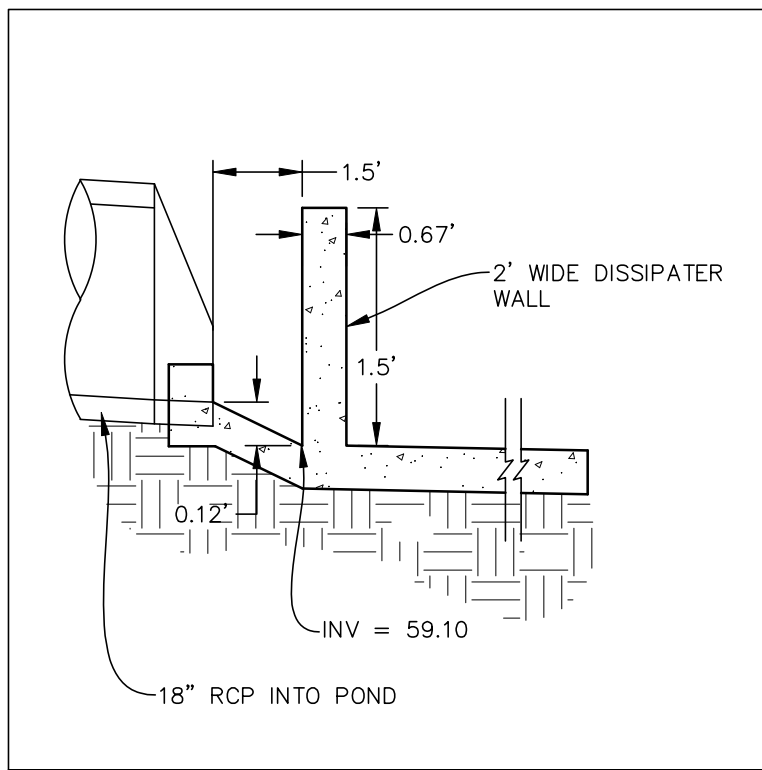
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ENGINEERING
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ELDORADO SPRINGS
STORM SEWER PLAN & PROFILES
PUBLIC STM-02

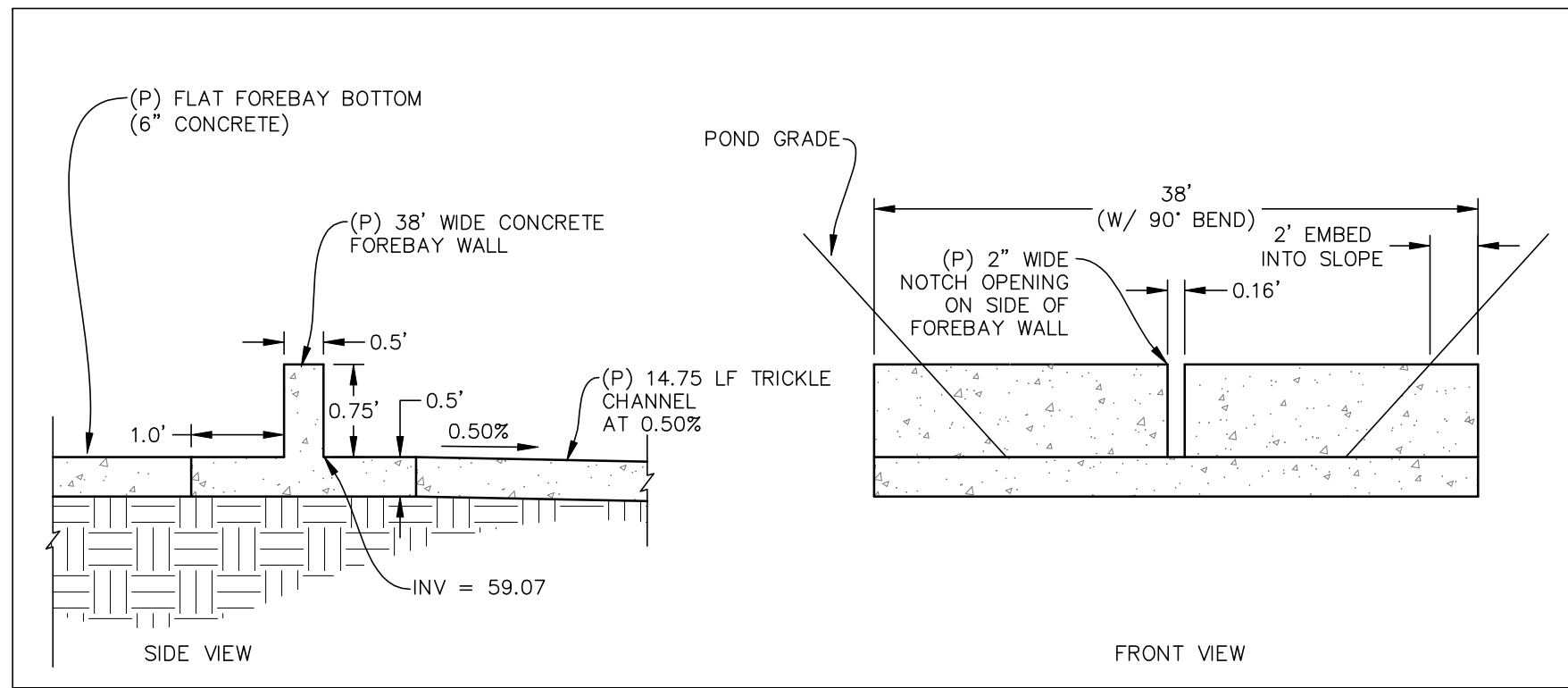
DESIGNED BY:	MGP	DRAWN BY:	CDK
SCALE:	1"=50'	DATE:	06/27/19
JOB NUMBER	91807	SHEET	ST6 OF 9



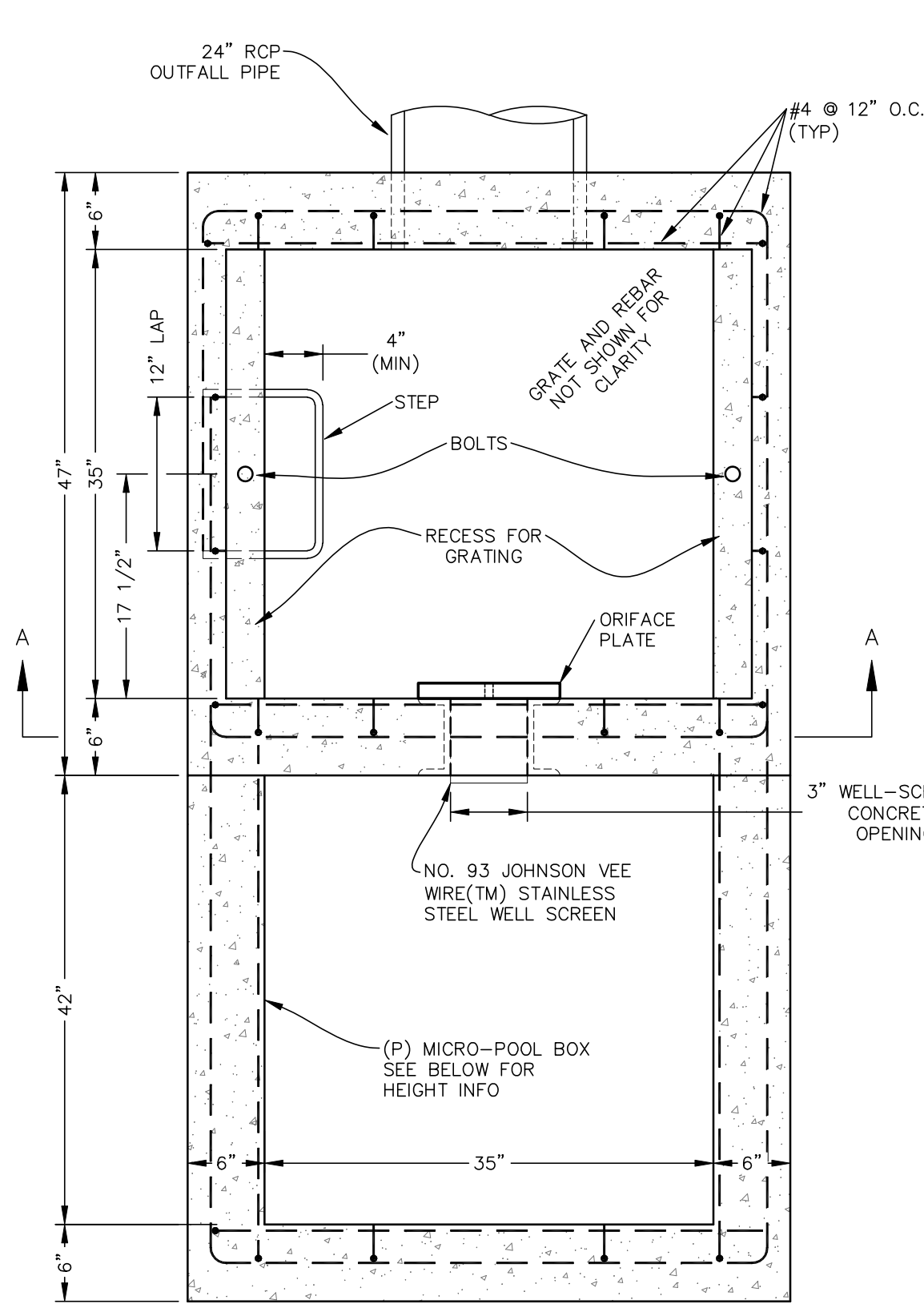
FOREBAY DISSIPATER STM-02
SCALE: N.T.S.



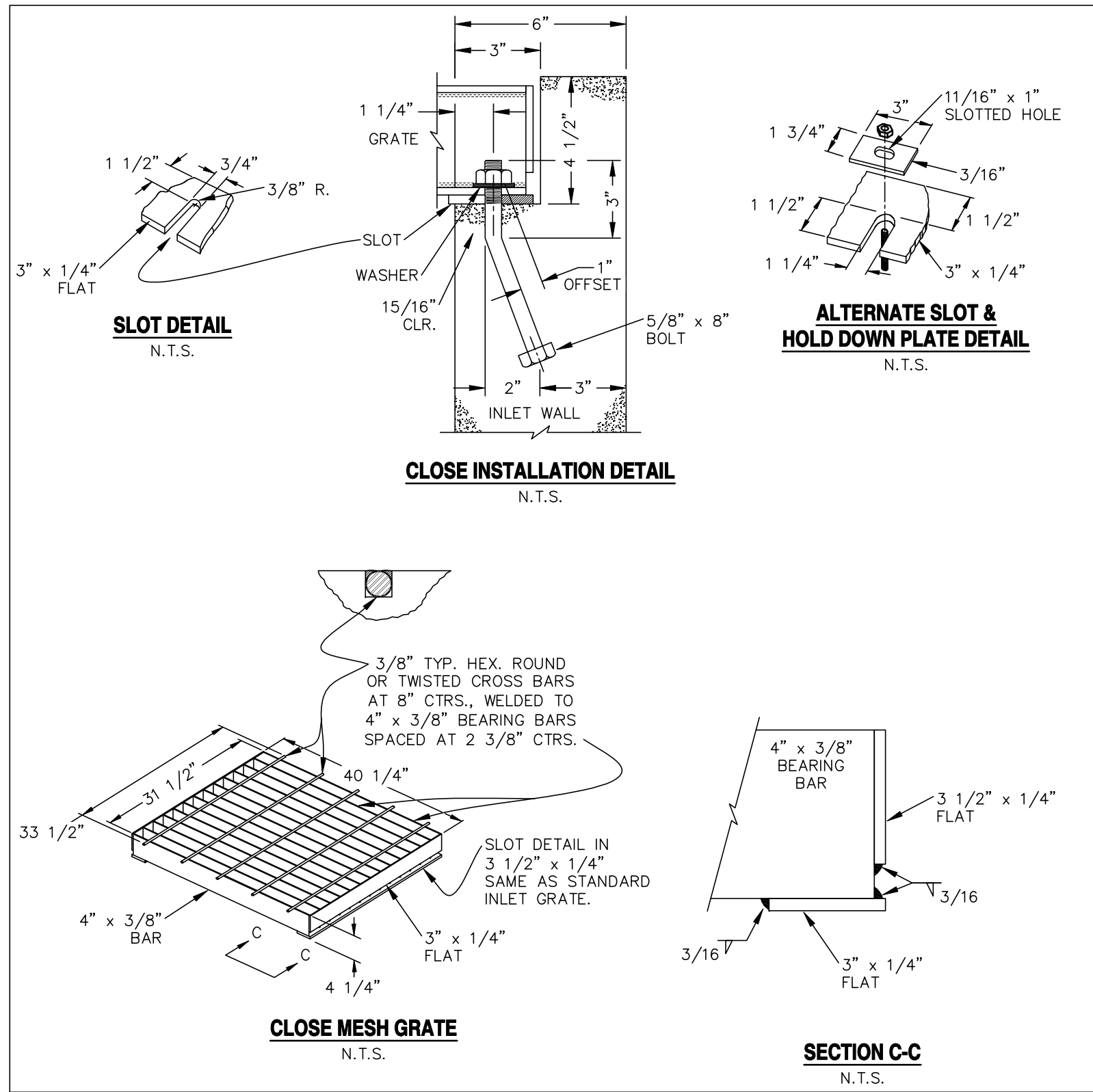
FOREBAY DISSIPATER STM-03
SCALE: N.T.S.



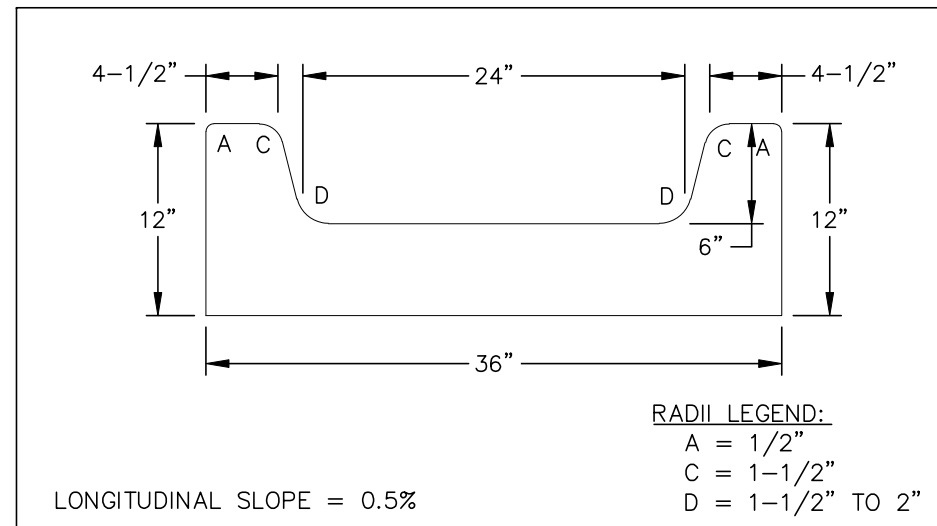
FOREBAY WALL DETAILS
SCALE: N.T.S.



PLAN VIEW
N.T.S.



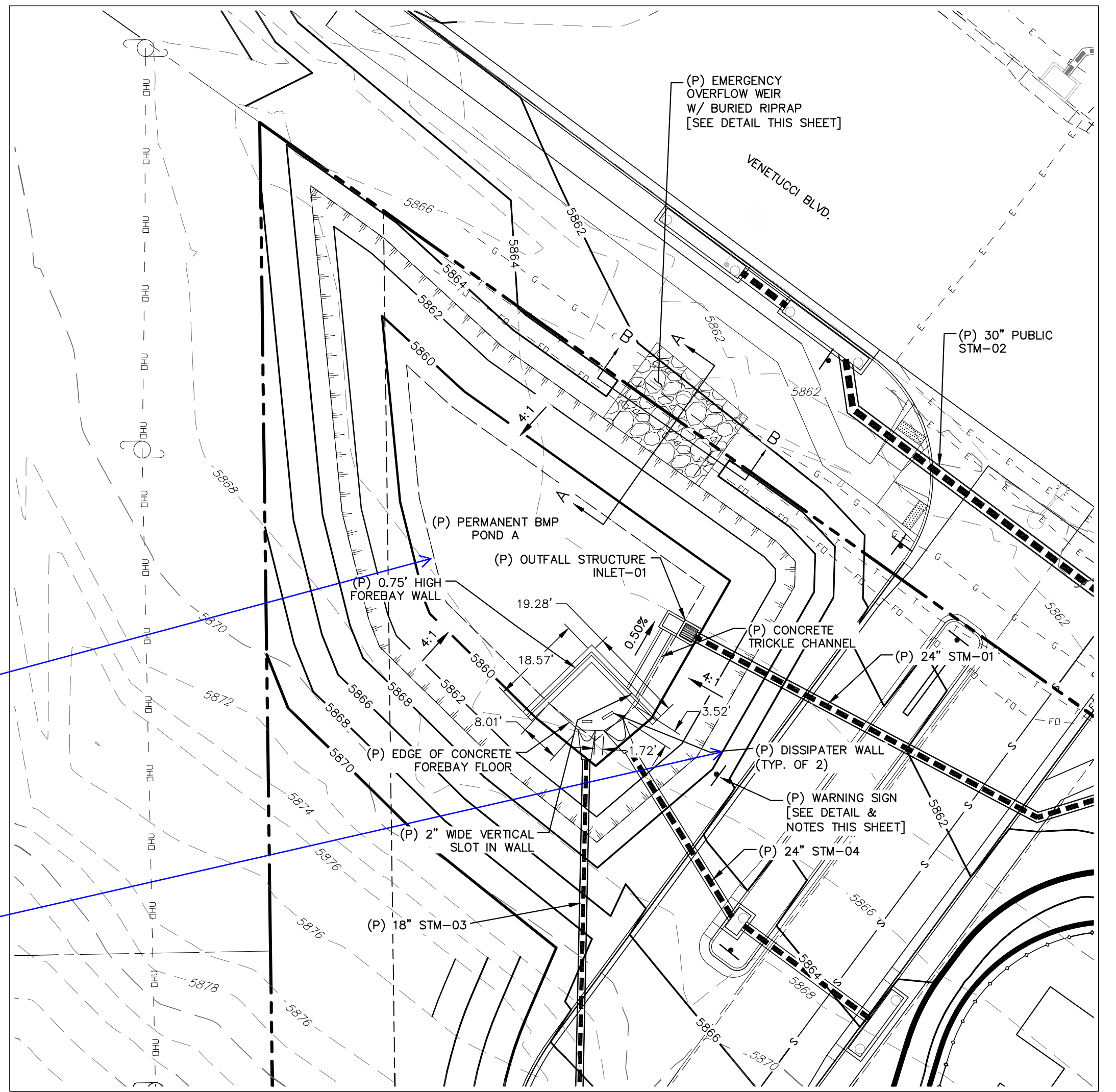
CDOT MESH GRATE DETAILS
N.T.S.



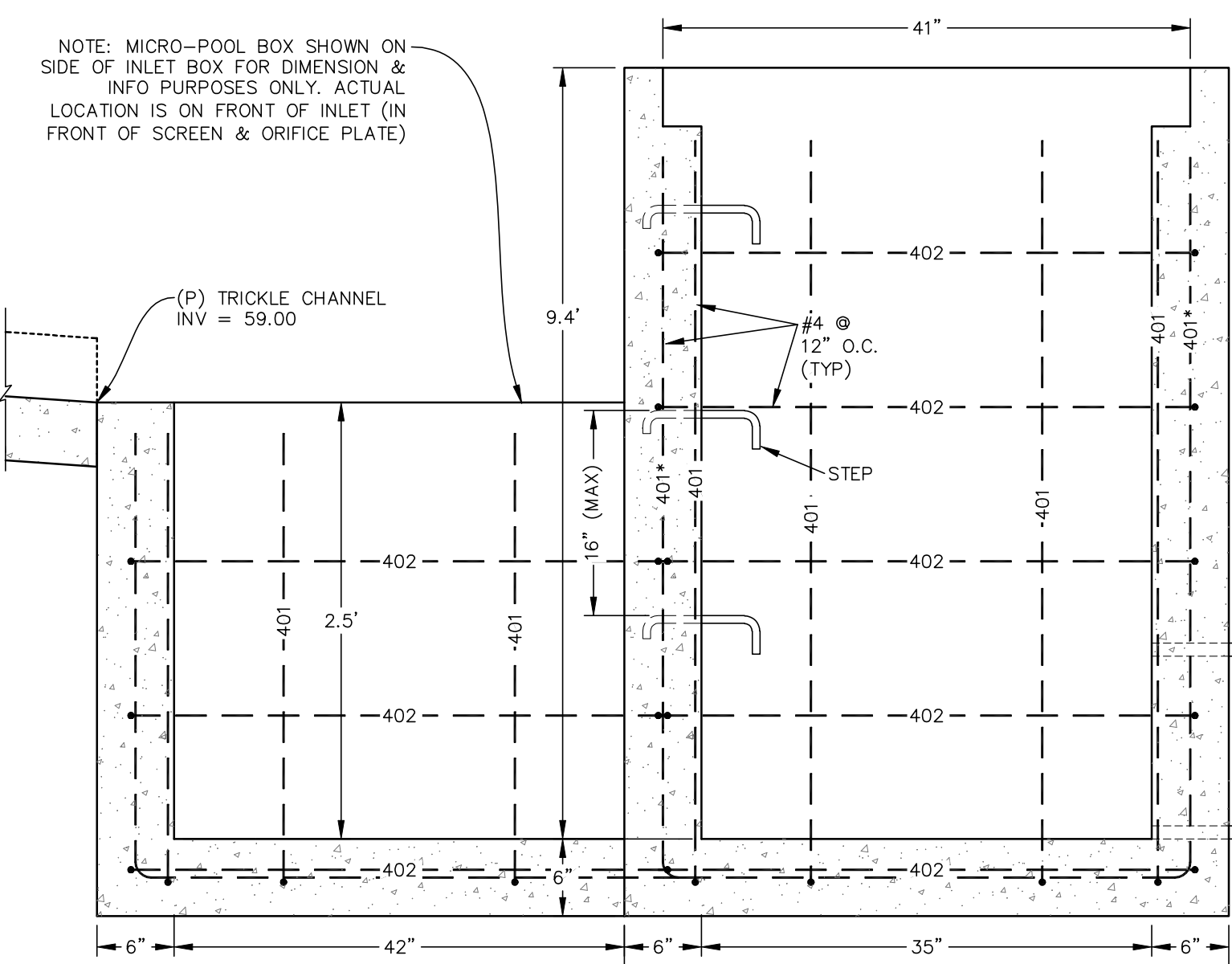
CONCRETE TRICKLE CHANNEL
SCALE: N.T.S.

Identify the pond elevations and details. Slope pond bottom 3% minimum, etc.

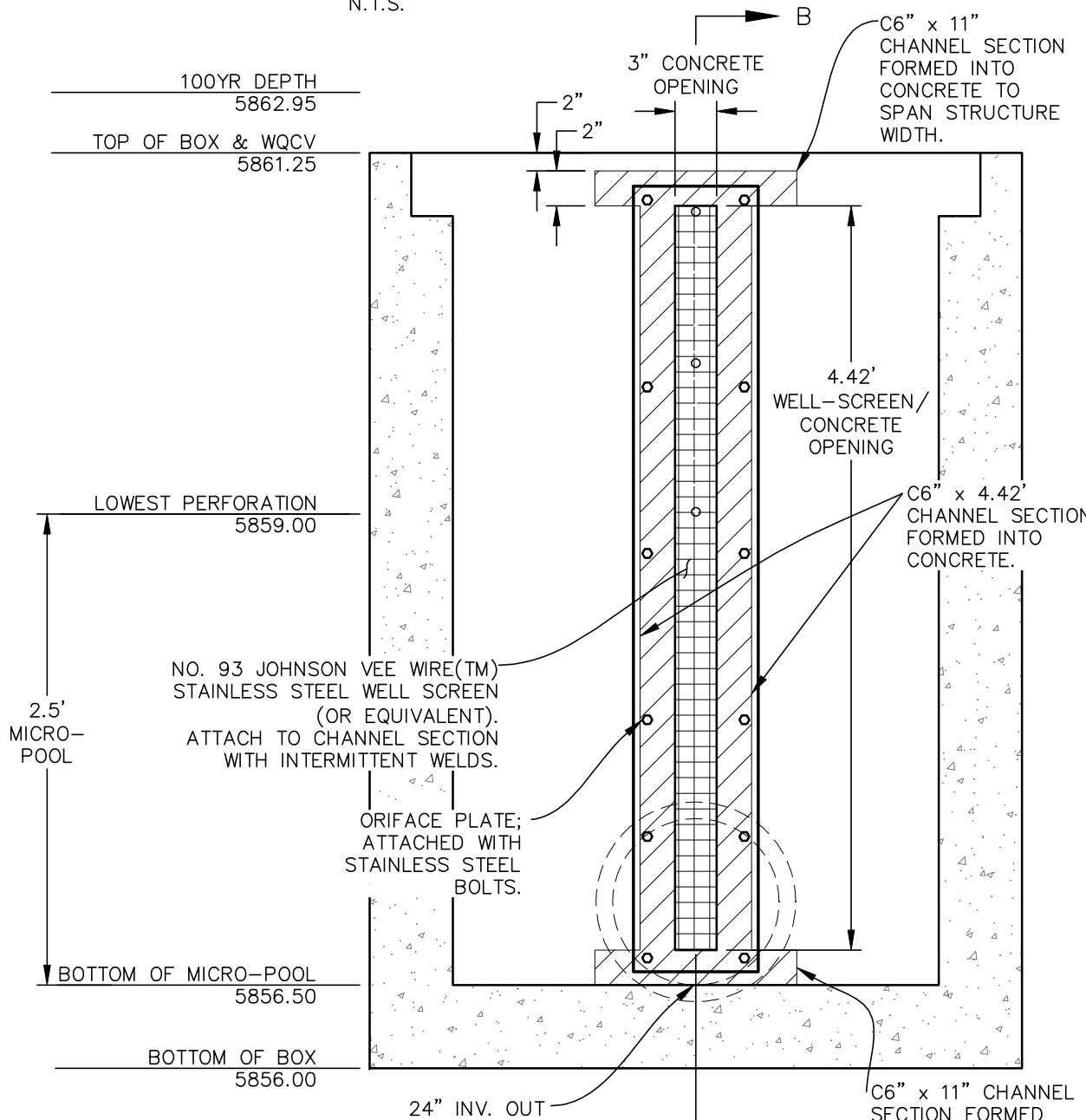
Show Pond access to the forebay, trickle channel and the outlet structure.



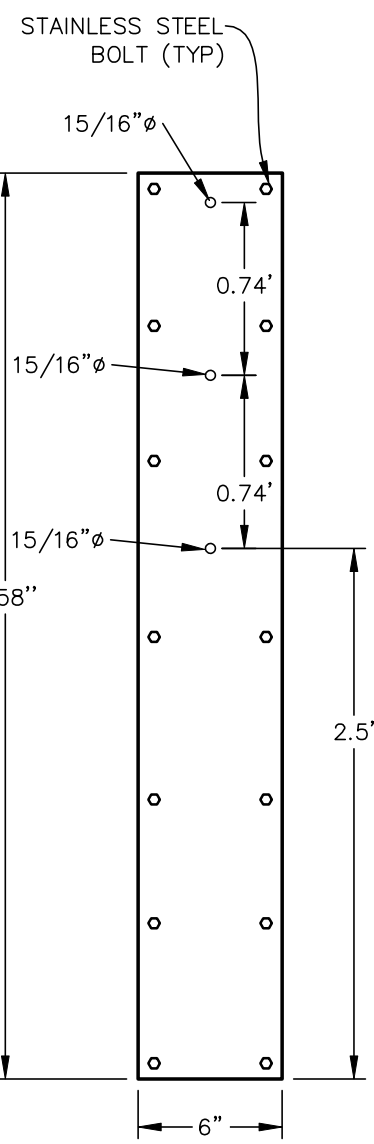
POND A
SCALE: 1" = 20'



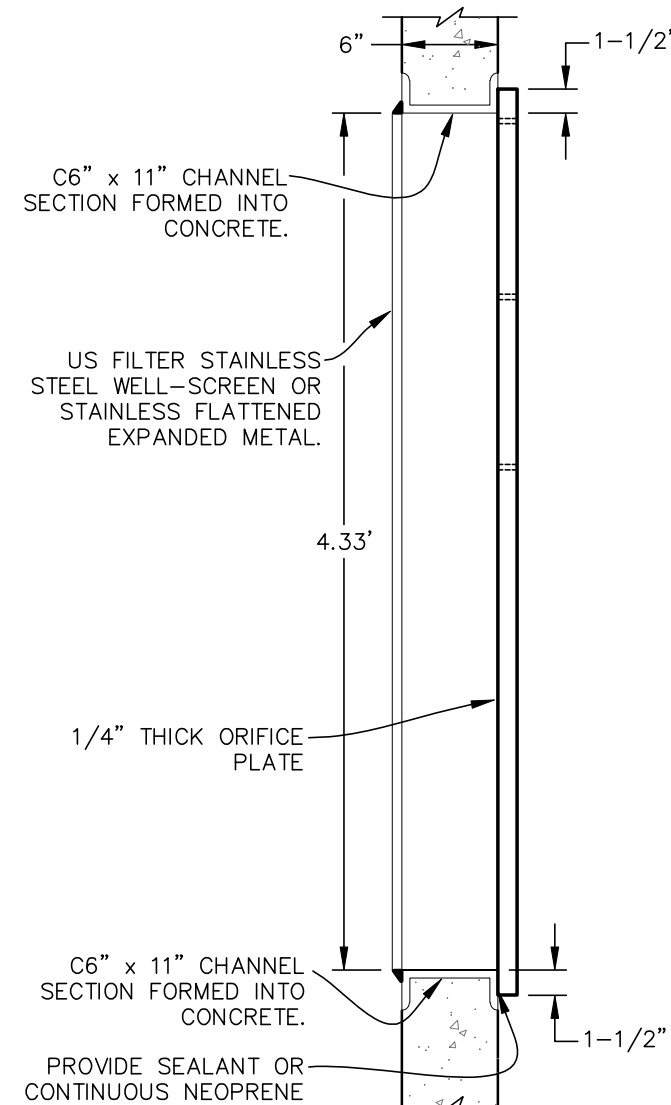
ELEVATION
N.T.S.



SECTION A-A
N.T.S.



ORIFICE PLATE
N.T.S.



SECTION B-B
N.T.S.

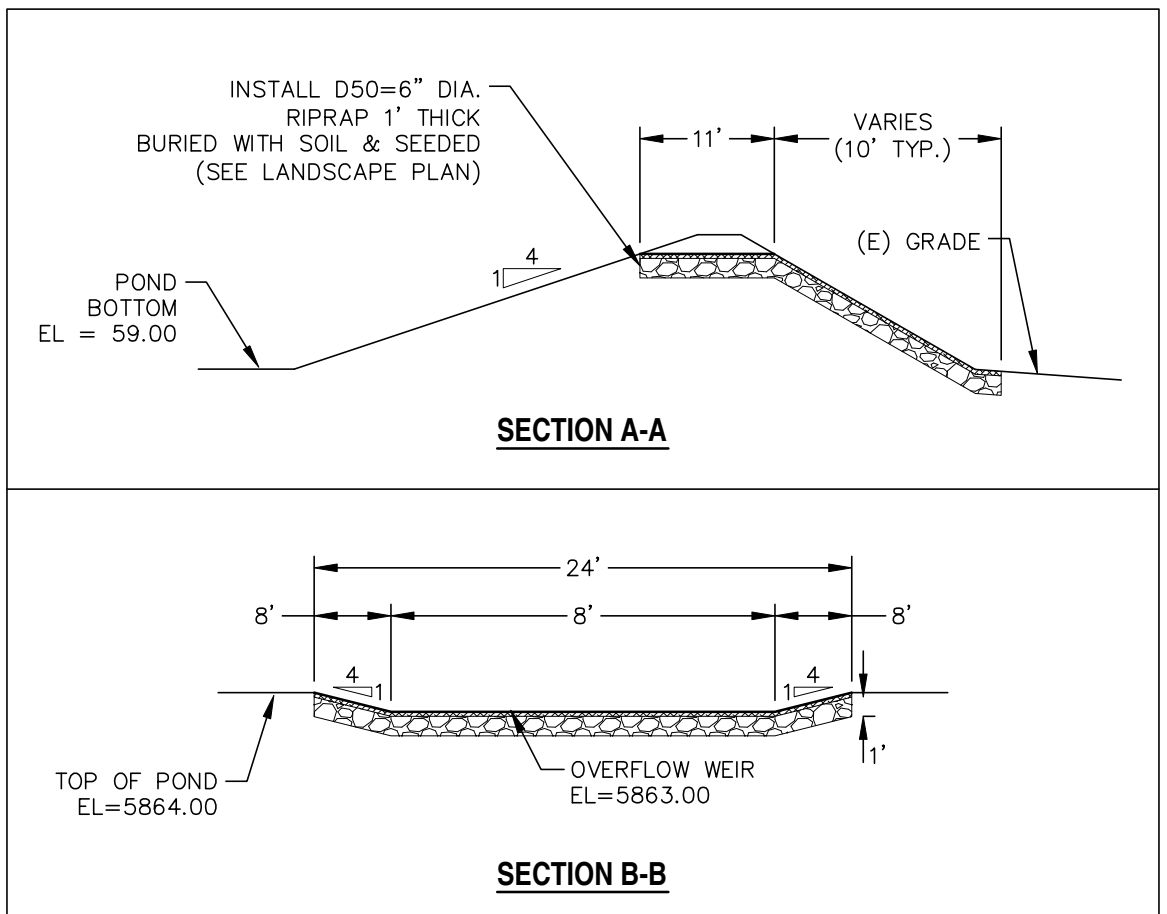
CDOT GENERAL NOTES:

- CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
- REINFORCING BARS SHALL HAVE A MINIMUM 2 IN. CLEARANCE.
- CONCRETE SLOPE AND DITCH PAVING SHALL CONFORM TO SECTION 507. REINFORCEMENT FOR CONCRETE SLOPE PAVING SHALL BE 6 X 6 - W14 X W1.4 OR 6 X 6 - W21 X W2.1.
- STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH 712.06.
- THE STANDARD INLET GRATES SHALL BE USED ON ALL TYPE C INLETS UNLESS CLOSE MESH GRATES ARE SPECIFIED ON THE PLANS.
- STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" EXCEEDS 3 FT.-6 IN. AND SHALL BE IN ACCORDANCE WITH AASHTO M 199.
- SEE SHEET M-604-11, INLET, TYPE D, FOR REINFORCEMENT AROUND THE PIPE OPENING.
- CONCRETE SLOPE AND DITCH PAVING WILL BE REQUIRED WHEN SHOWN ON PLANS.

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

WARNING SIGN DETAIL
SCALE: N.T.S.

NOTES:
-SIGN SHALL BE A MINIMUM OF 3 SQ.FT.
-SIGN SHALL BE FABRICATED OF DURABLE MATERIALS SUCH AS METAL OR PLASTIC.
-SIGN SHALL HAVE RED LETTERING ON A WHITE BACKGROUND.



OVERFLOW WEIR DETAILS
SCALE: N.T.S.

REV.	DESCRIPTION	DATE

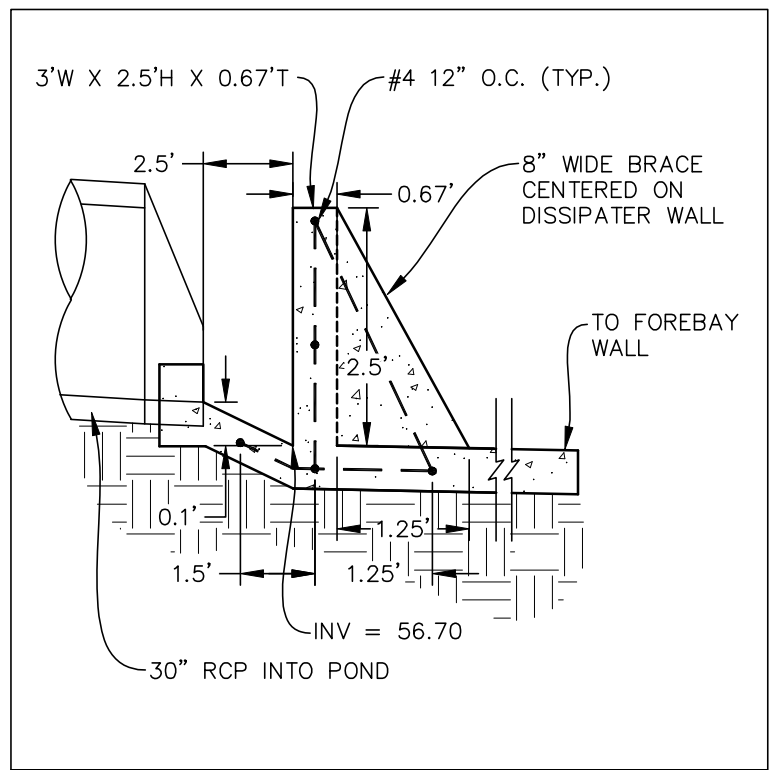


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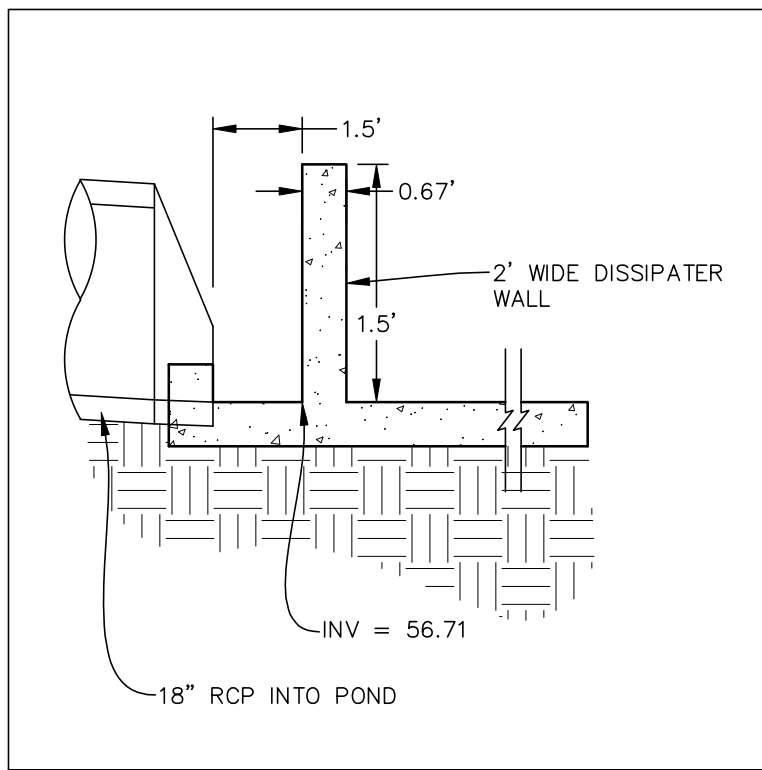


ELDORADO SPRINGS
PERMANENT BMP PLANS & DETAILS
POND A

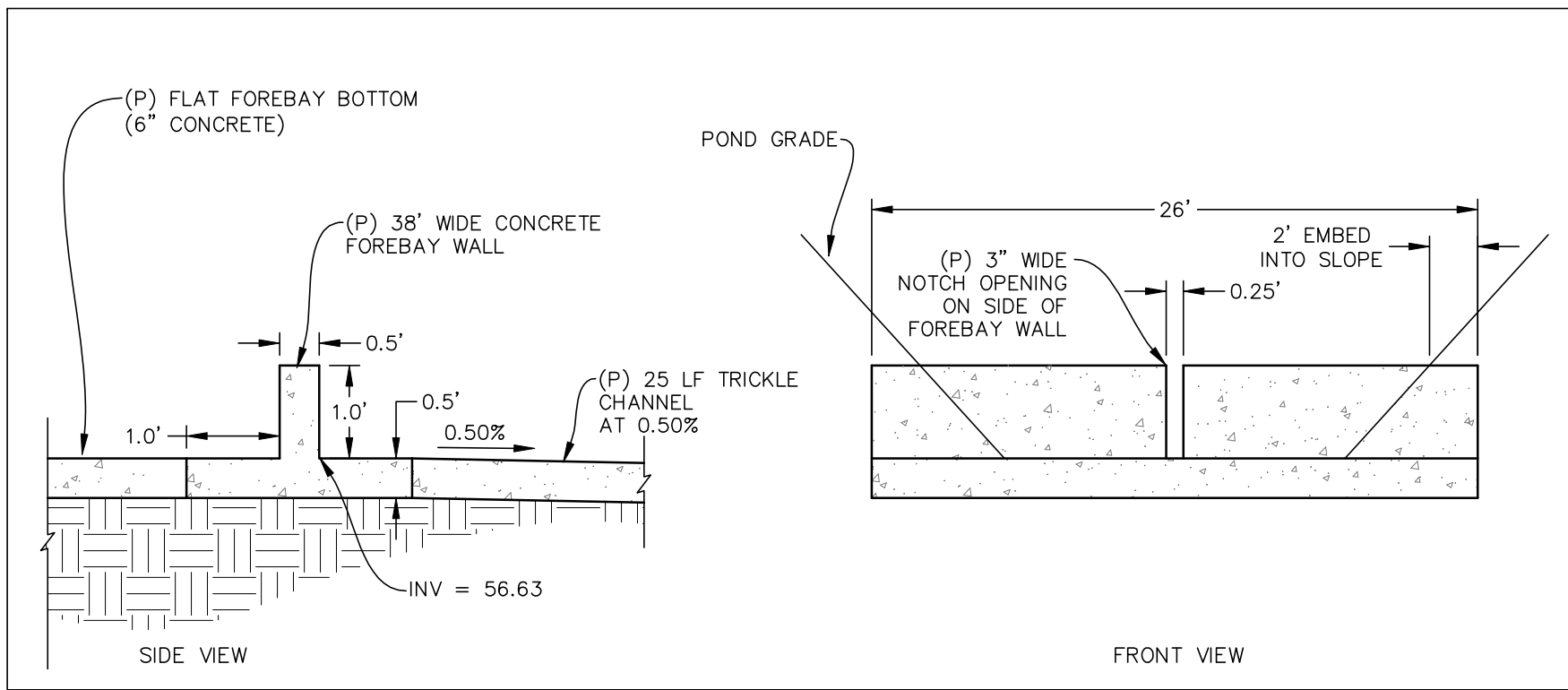
DESIGNED BY: CDK	DRAWN BY: CDK
SCALE: AS SHOWN	DATE: 06/27/19
JOB NUMBER: 91807	SHEET: ST7 OF 9



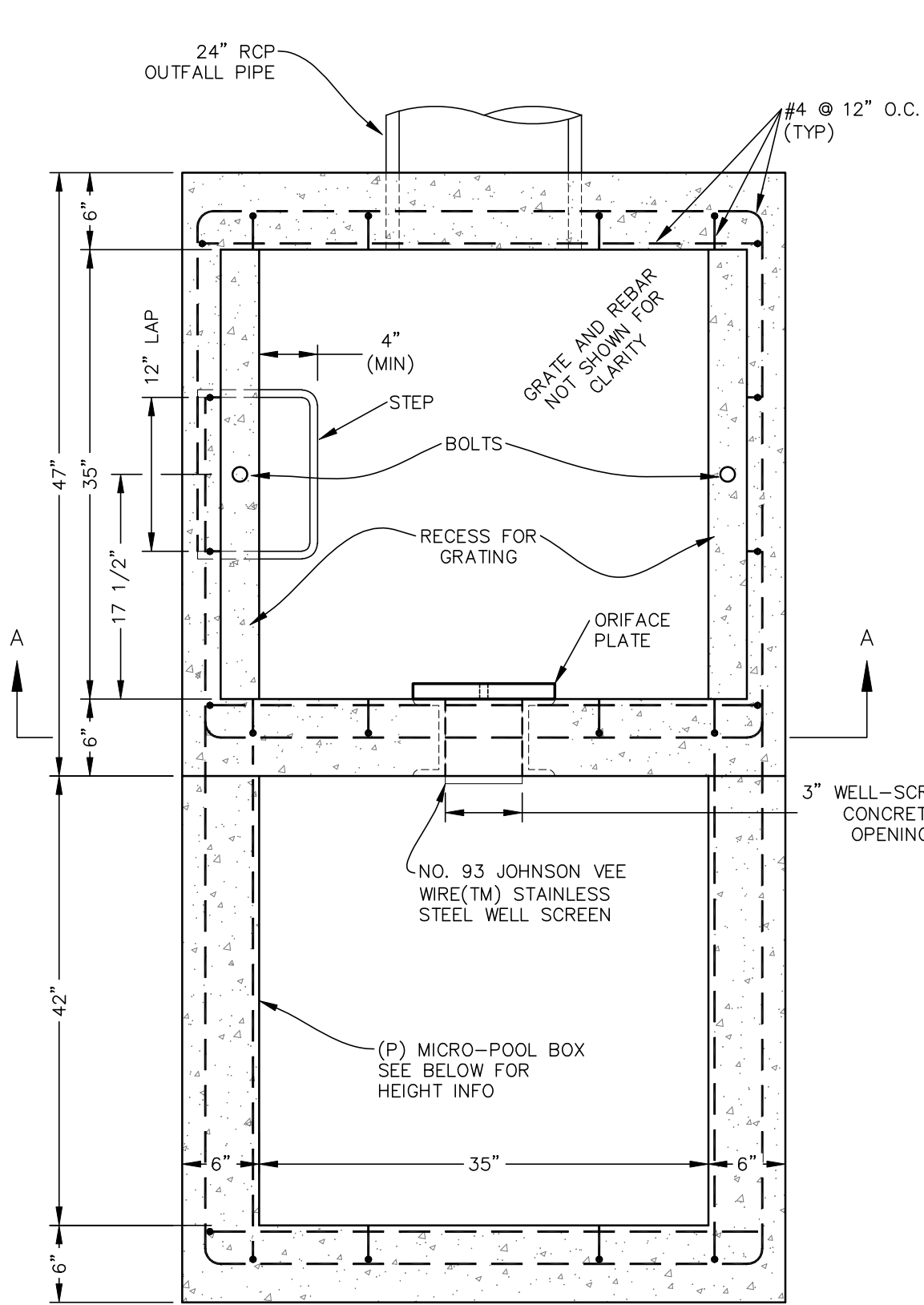
FOREBAY DISSIPATER STM-05
SCALE: N.T.S.



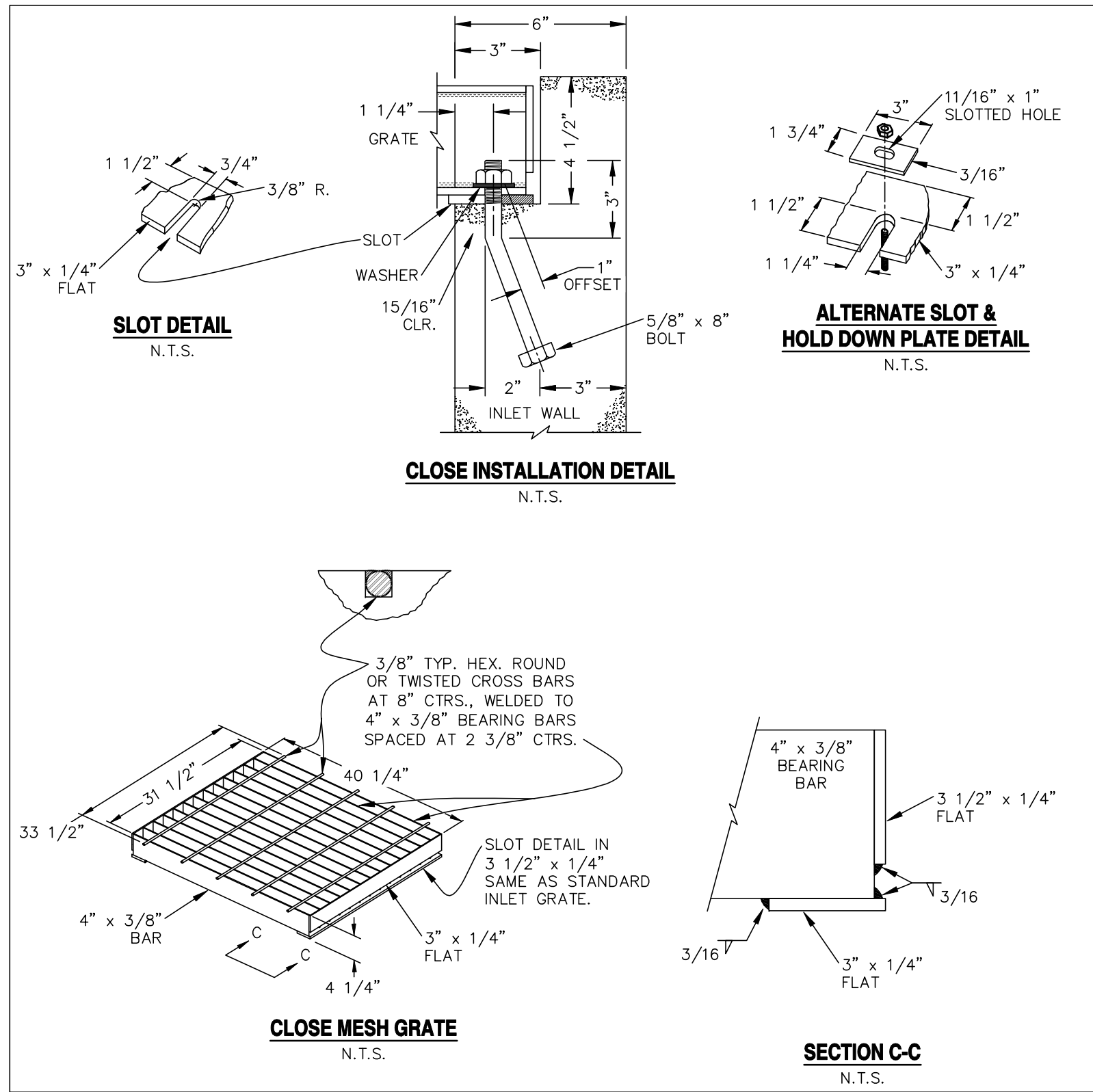
FOREBAY DISSIPATER STM-07
SCALE: N.T.S.



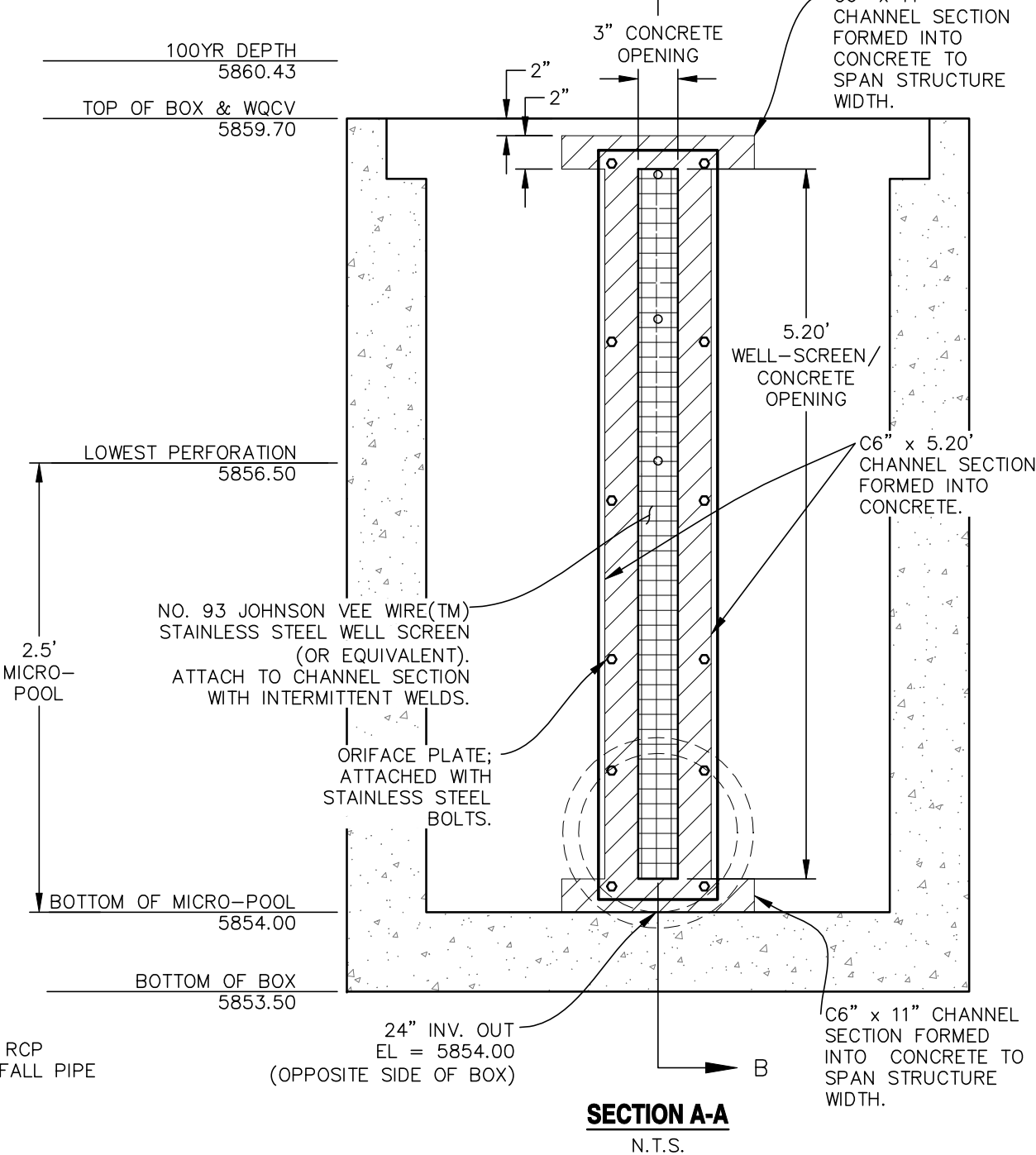
FOREBAY WALL DETAILS - STM-05 DISCHARGE
SCALE: N.T.S.



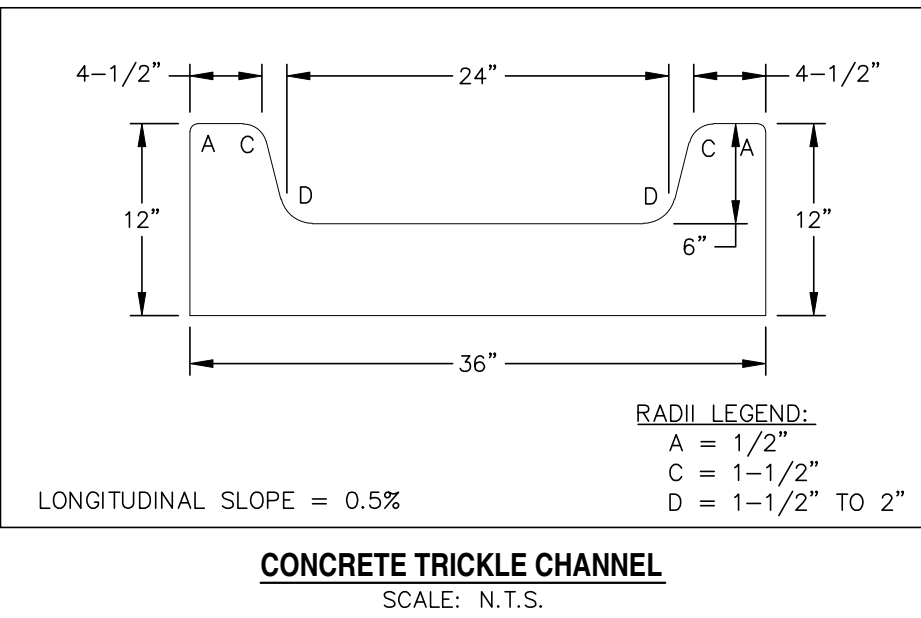
PLAN VIEW
N.T.S.



CLOSE INSTALLATION DETAIL
N.T.S.



SECTION A-A
N.T.S.

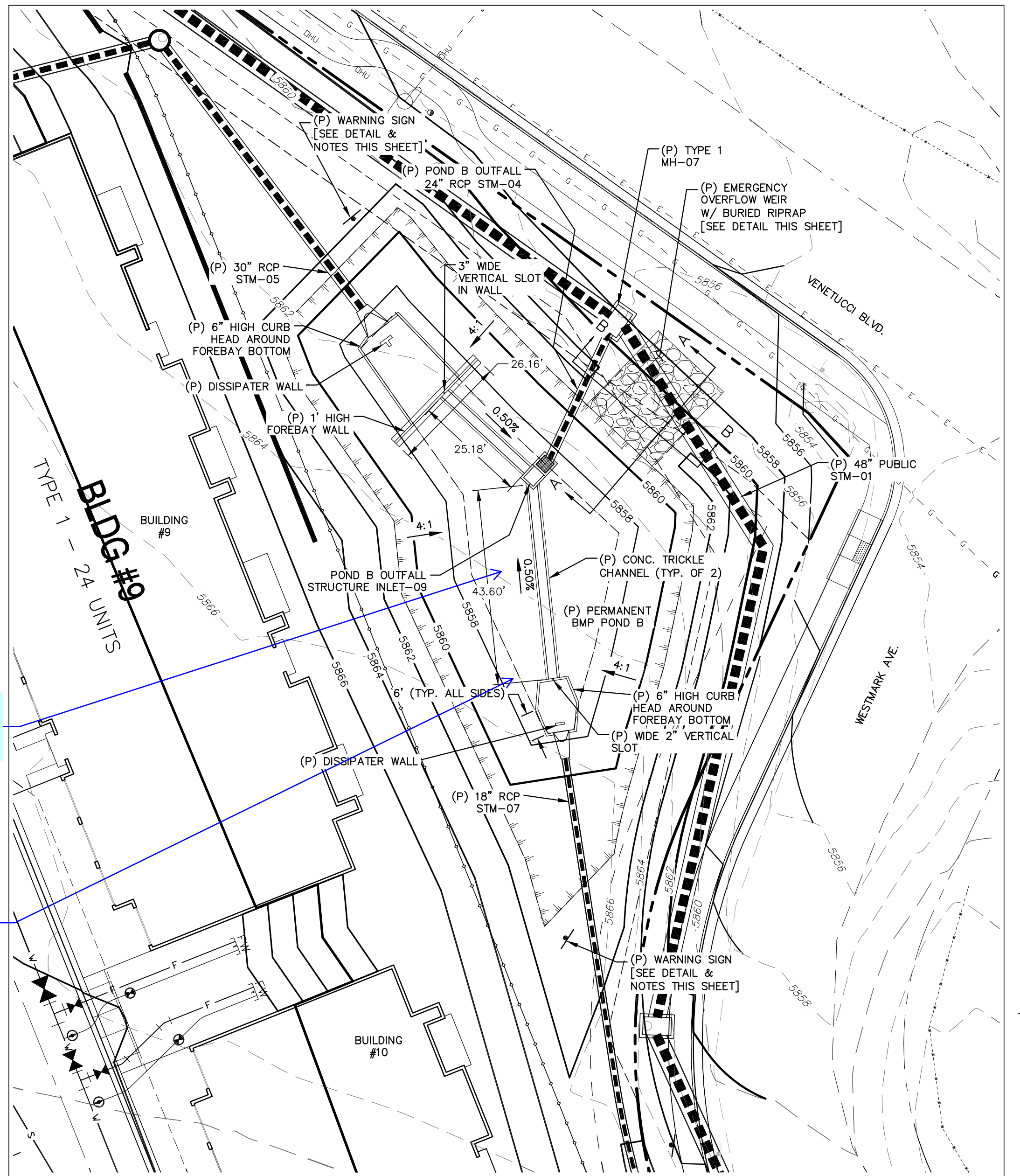


CONCRETE TRICKLE CHANNEL
SCALE: N.T.S.

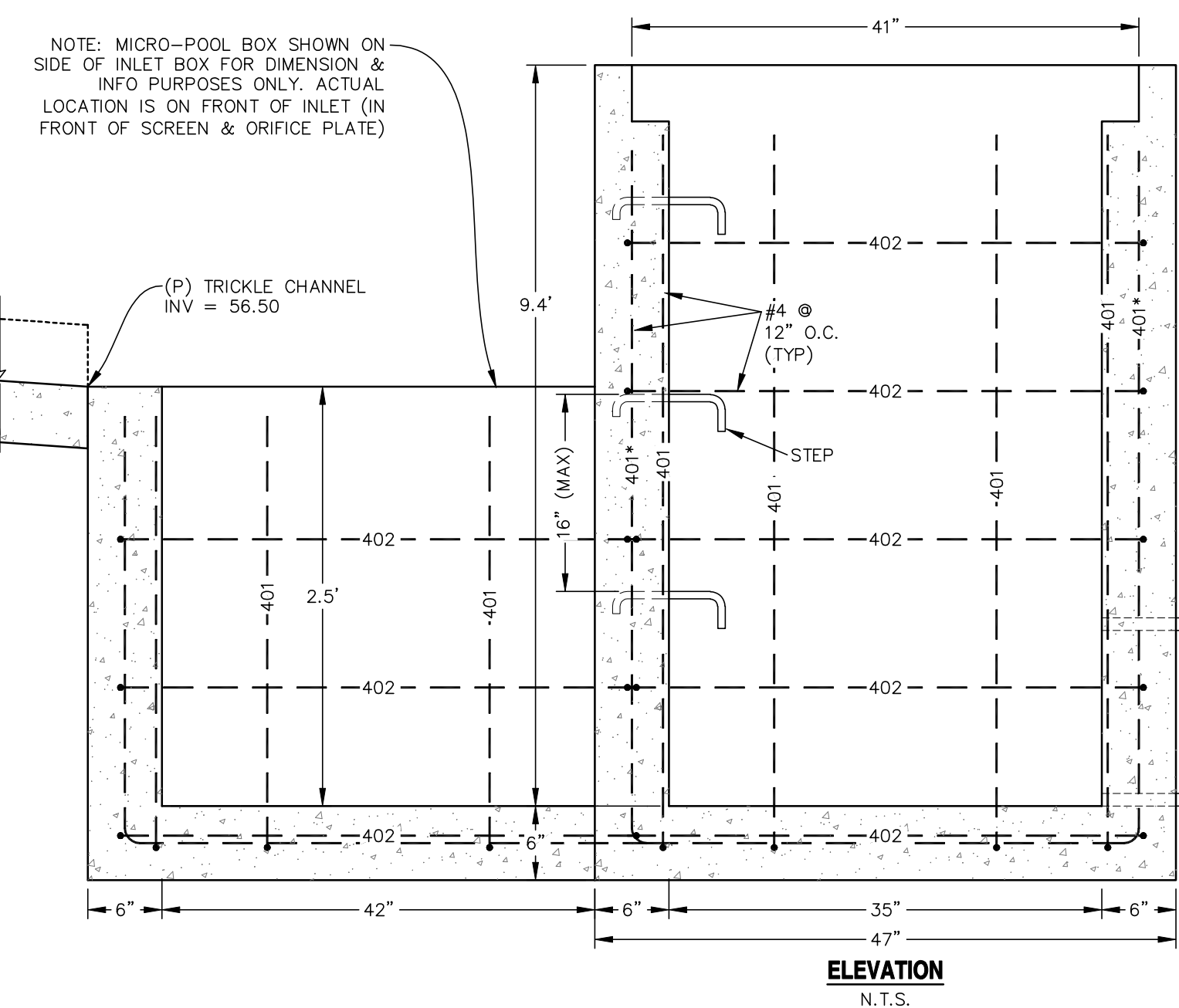
Provide a table from the design information in the drainage report that verifies the size of the For-bays and micro-pools, surcharge-pools etc. For both ponds A & B.

Identify the pond elevations and details. Slope pond bottom 3% minimum, etc.

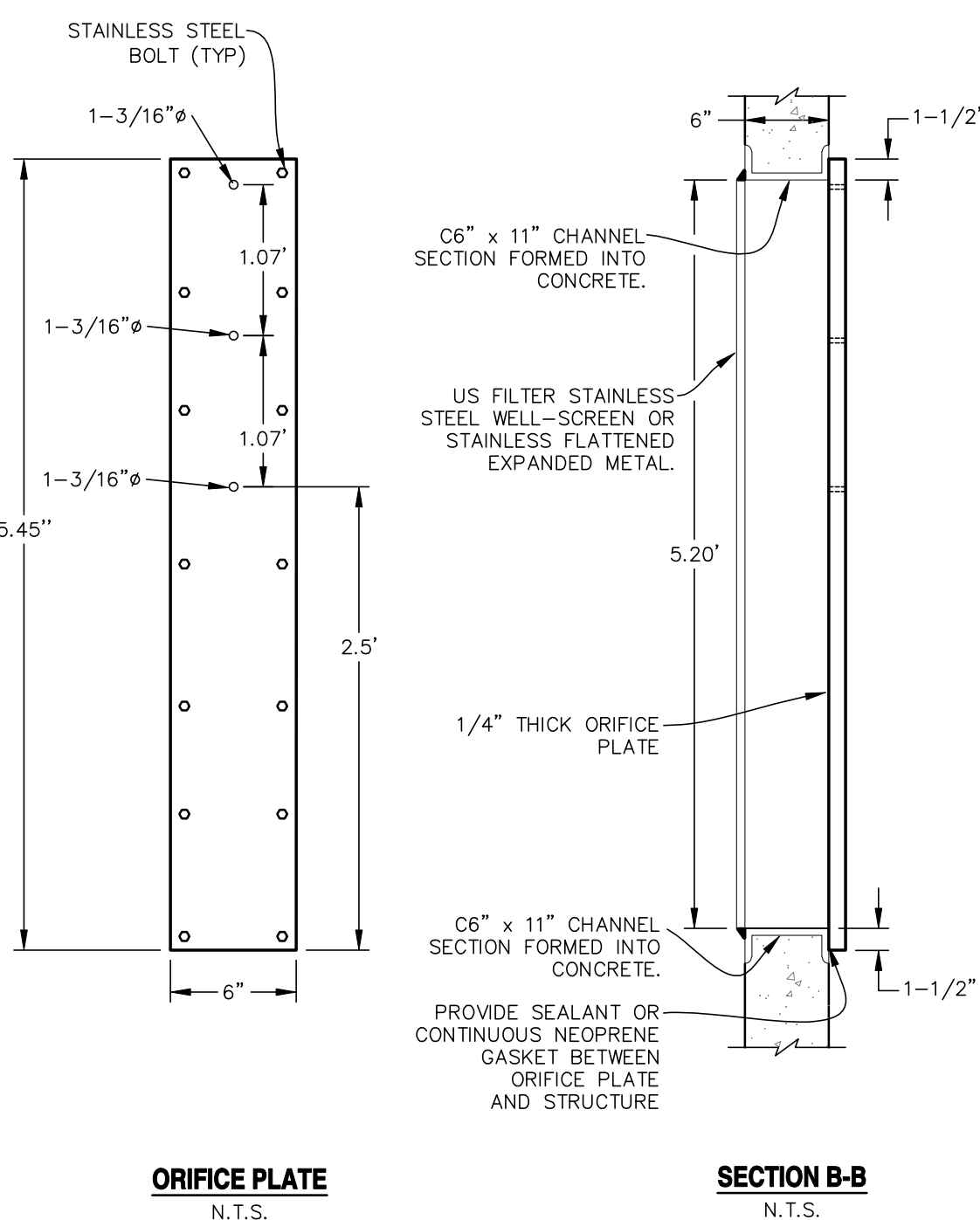
Show Pond access to the forebay, trickle channel and the outlet structure.



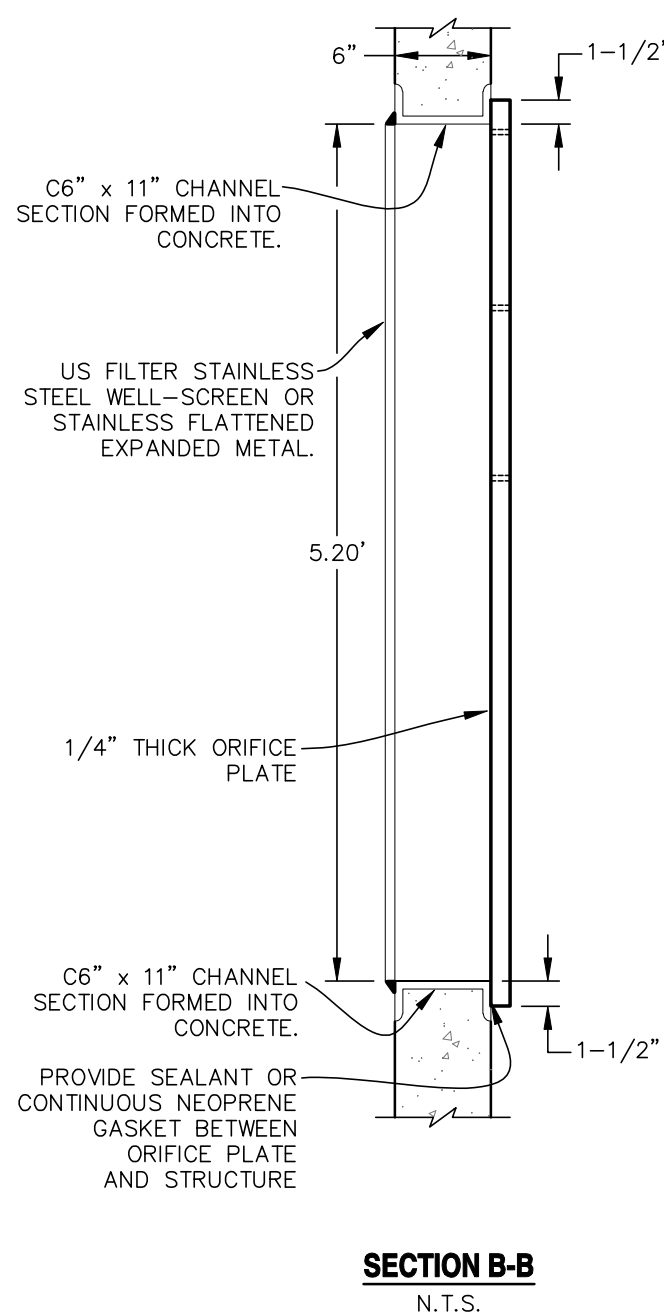
POND B
SCALE: 1" = 20'



ELEVATION
N.T.S.



ORIFICE PLATE
N.T.S.



SECTION B-B
N.T.S.

CDOT GENERAL NOTES:

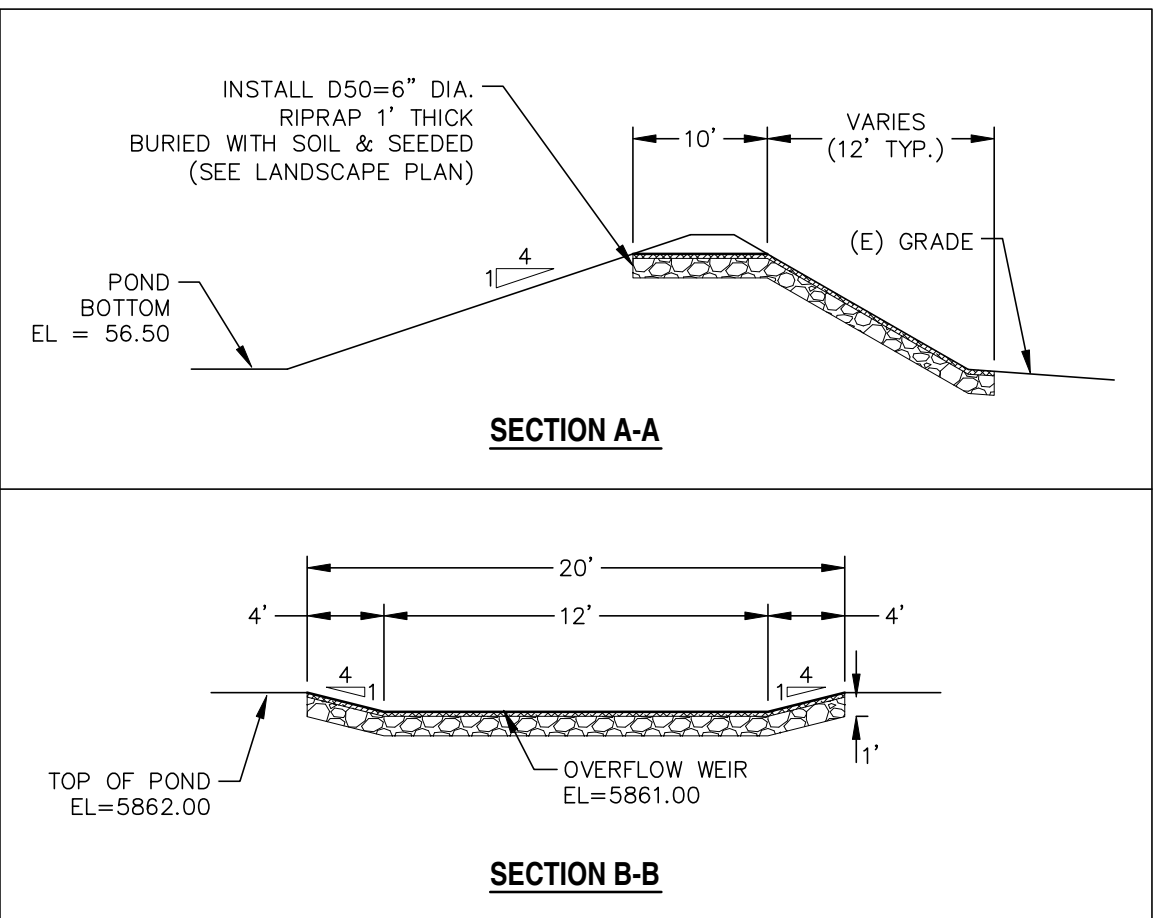
- CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
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WARNING SIGN DETAIL
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NOTES:
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-SIGN SHALL HAVE RED LETTERING ON A WHITE BACKGROUND.



OVERFLOW WEIR DETAILS
SCALE: N.T.S.

REV.	DESCRIPTION	DATE

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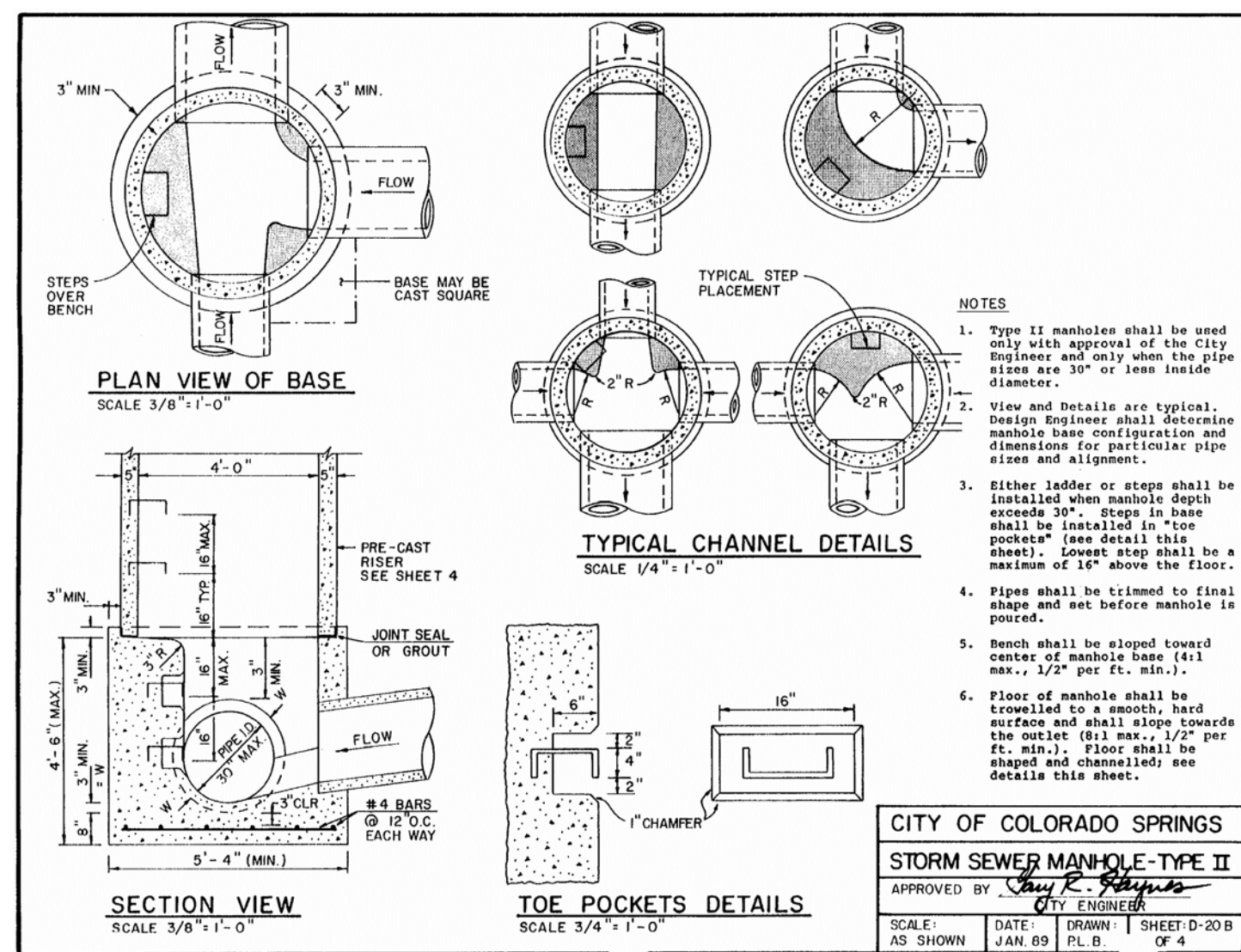
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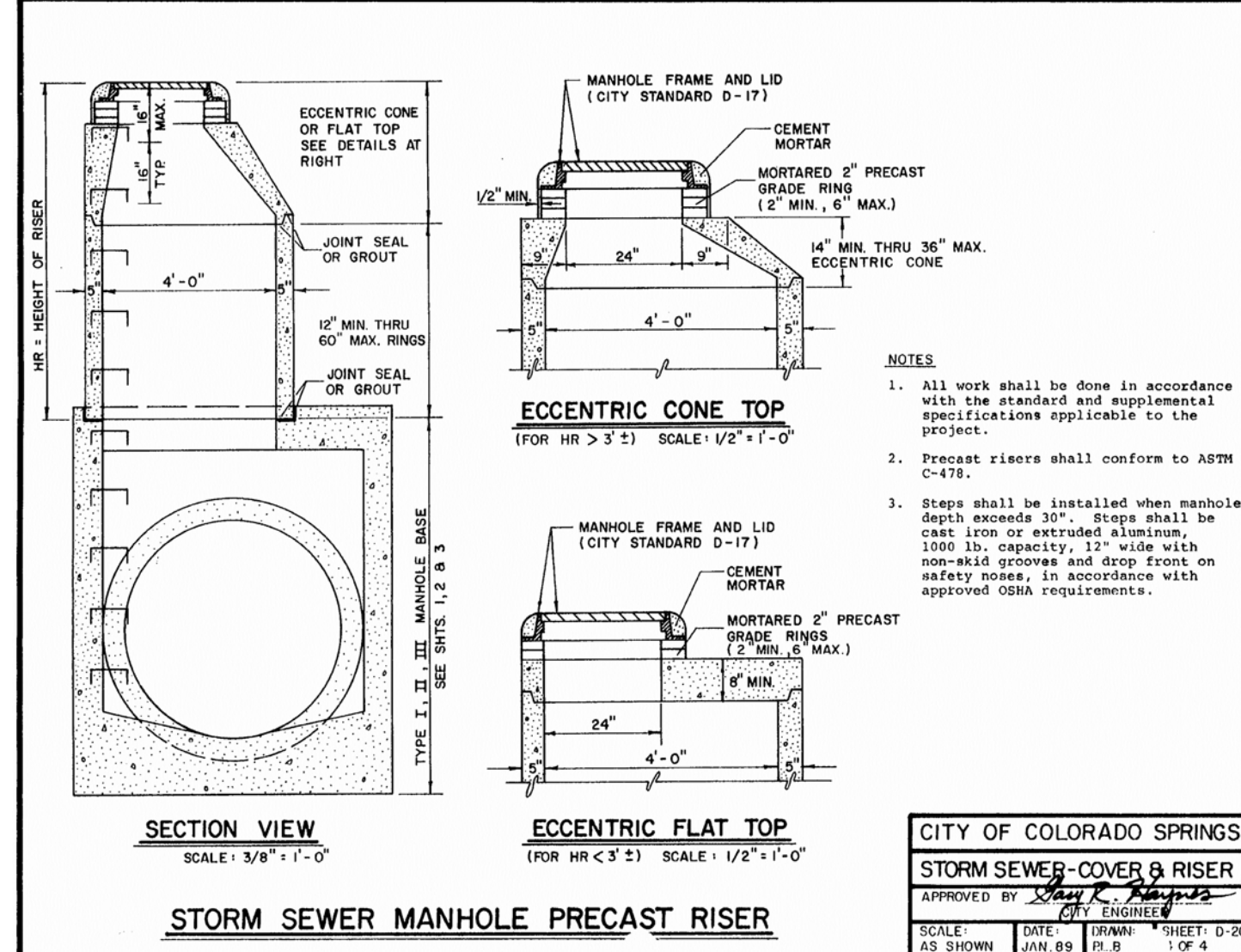
ELDORADO SPRINGS
PERMANENT BMP PLANS & DETAILS
POND B

DESIGNED BY: CDK
SCALE: AS SHOWN
JOB NUMBER: 91807
DRAWN BY: CDK
DATE: 06/27/19
SHEET: ST8 OF 9

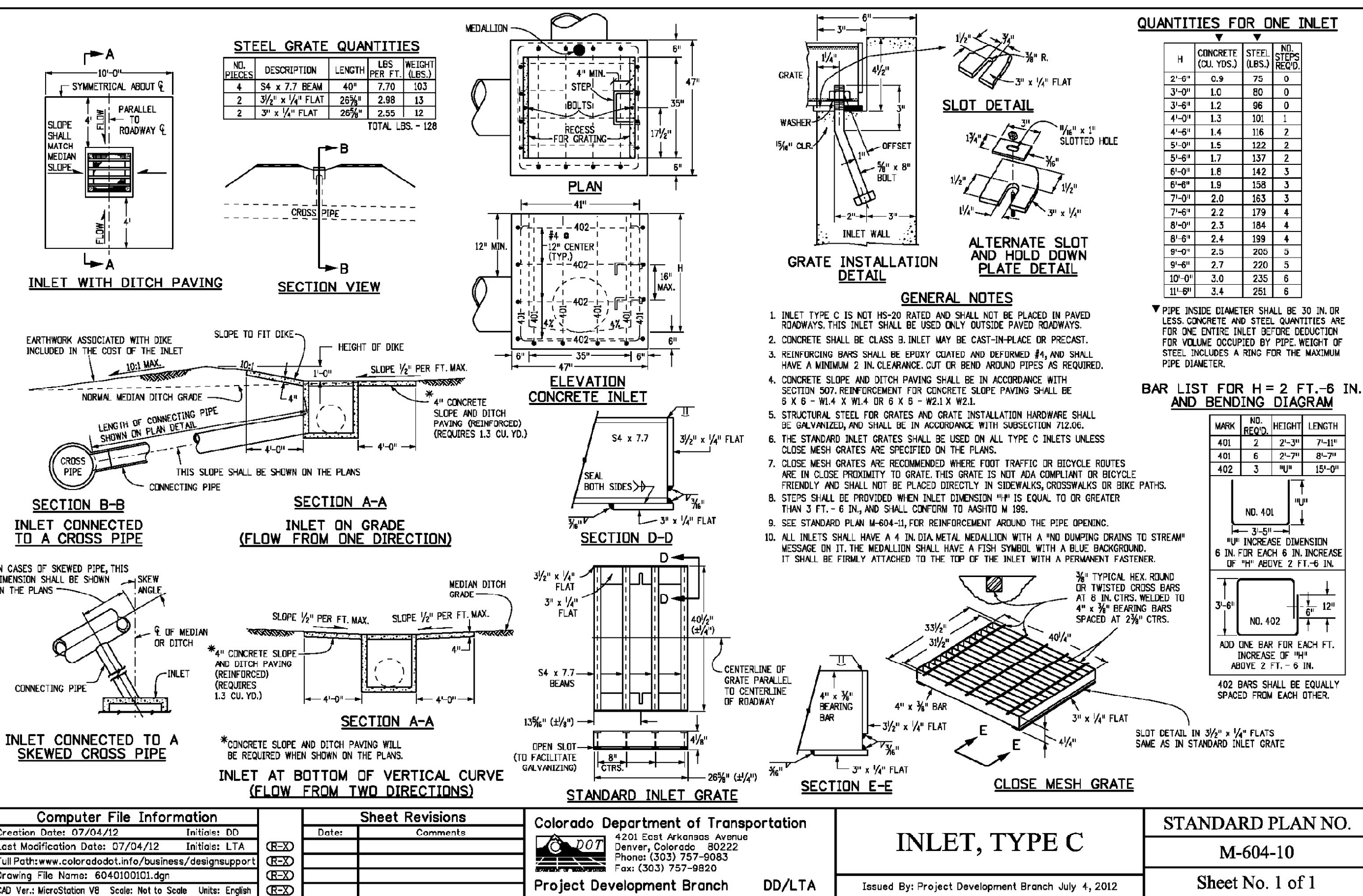
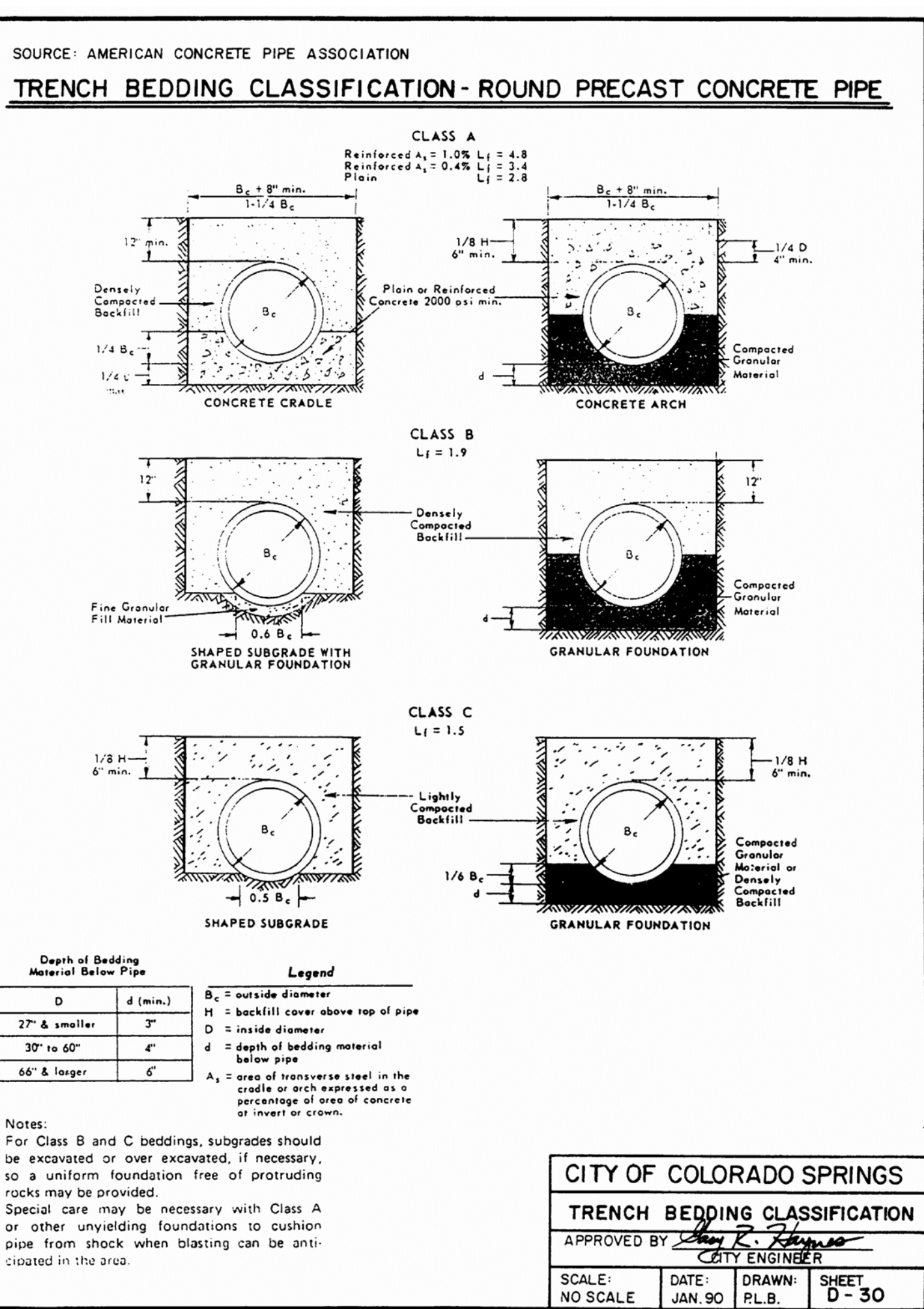
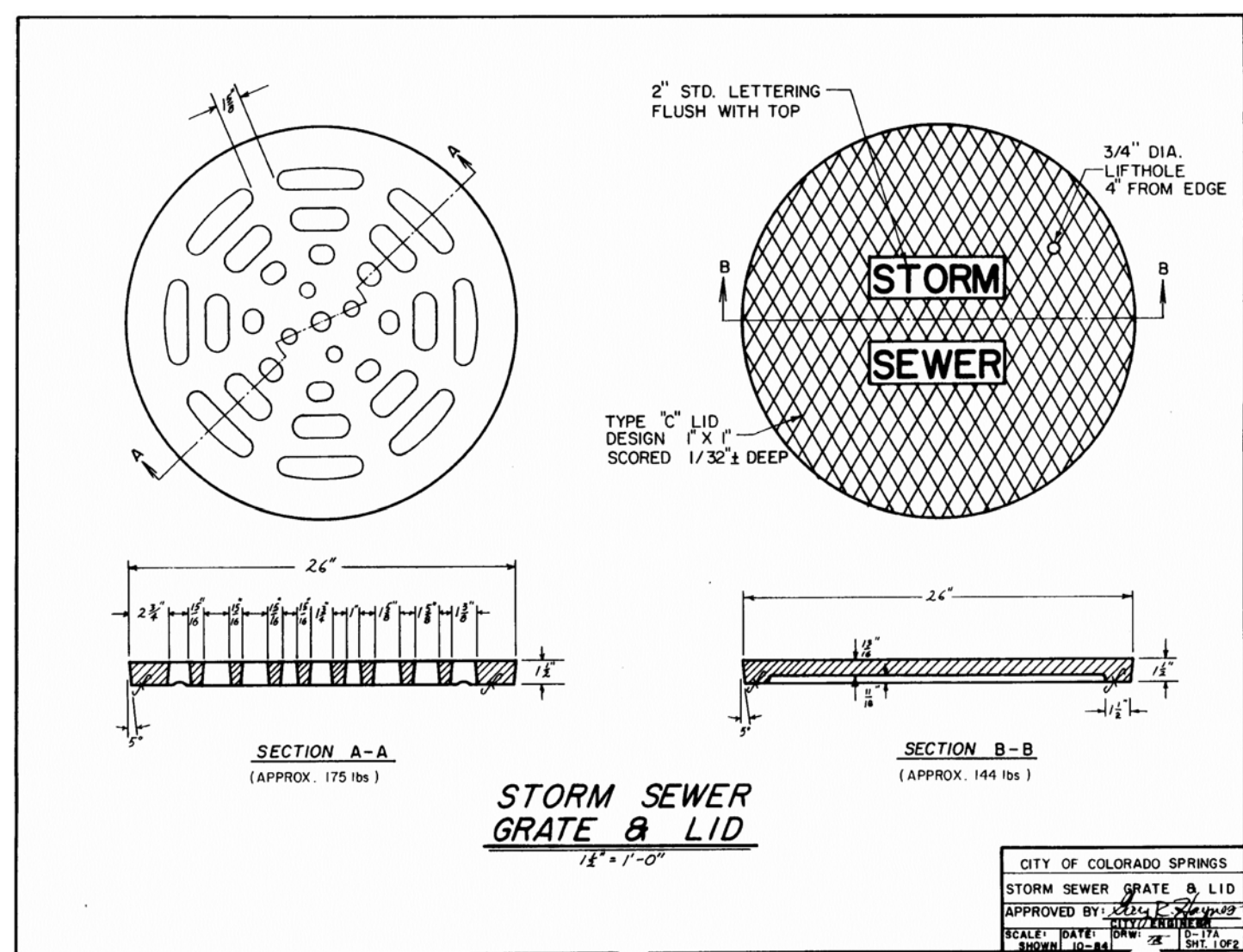




ECCENTRIC CONE

MANHOLE FRAME AND LID
(CITY STANDARD D-17)



<u>SECTION VIEW</u> SCALE: 3/8" = 1'-0"	<u>ECCENTRIC FLAT TOP</u> (FOR HR < 3") SCALE: 1/2" = 1'-0"	CITY OF COLORADO SPRINGS <u>STORM SEWER - COVER & RISER</u> APPROVED BY: <i>Sheryl K. Hays</i> CITY ENGINEER
<u>STORM SEWER MANHOLE PRECAST RISER</u>		SCALE: 1" = 1'-0" DATE: JAN 85 SHEET: 0-2



DESCRIPTION	DATE	 <div>Know what's below. Call 72 hours before you dig. For more details visit: www.call811.com</div>	PREPARED FOR: ESH DEVELOPMENT, LLC 5671 NORTH ORACLE ROAD SUITE #1102 TUSCON, AZ 85704 (520) 742-2114	PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF WESTWORKS ENGINEERING <div>NOT FOR CONSTRUCTION</div> CHAD S. HENNING, P.E. (719) 685-1070	 <div>1023 W. COLORADO COLORADO SPRINGS, CO 80904 (719) 685-1070</div>	ELDORADO SPRINGS	DESIGNED BY: CDK	DRAWN BY: C
						SCALE: AS SHOWN	DATE: 06/2	
						JOB NUMBER	SHEET	
						91807	ST9 OF	
						STORM SEWER PLANS DETAIL SHEET		