



Know what's below.  
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# ASPEN MEADOWS - FILING 1

## COLORADO SPRINGS, CO

### PRIVATE POND PLAN & DETAILS

MAY, 2021

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**OWNER DEVELOPER** COLA, LLC  
555 MIDDLE CREEK PARKWAY  
COLORADO SPRINGS, CO 80921  
TIM BUSCHAR

**CIVIL ENGINEER** MATRIX DESIGN GROUP  
2435 RESEARCH PARKWAY, SUITE 300  
COLORADO SPRINGS, COLORADO 80920  
JEFFERY A. ODOR, (719) 575-0100

**ENGINEERING DIVISION** CITY OF COLORADO SPRINGS  
30 S. NEVADA AVE. STE. 401  
COLORADO SPRINGS, COLORADO 80903  
ANNA BERGMARK (719) 385-5613

**TRAFFIC ENGINEERING** CITY OF COLORADO SPRINGS  
30 S. NEVADA AVE. STE. 401  
COLORADO SPRINGS, COLORADO 80903  
(719) 385-5908

**DEVELOPMENT SERVICES** COLORADO SPRINGS UTILITIES  
WATER AND WASTEWATER RESOURCES  
1521 HANCOCK EXPRESSWAY  
COLORADO SPRINGS, COLORADO 80947  
MIKE GACKLE (719) 668-3686

**GAS DEPARTMENT** COLORADO SPRINGS UTILITIES  
7710 DURANT DRIVE  
COLORADO SPRINGS, COLORADO 80920  
TIM BENEDICT (719) 668-3574

**ELECTRIC DEPARTMENT** COLORADO SPRINGS UTILITIES  
7710 DURANT DRIVE  
COLORADO SPRINGS, COLORADO 80920  
TIM BENEDICT (719) 668-3574

**TELEPHONE DEPARTMENT** CENTURY LINK  
(LOCATORS) (719) 597-8418  
AT&T  
(LOCATORS) (719) 635-3674

**ENGINEER'S STATEMENT:**

THIS PERMANENT BEST MANAGEMENT PRACTICE (BMP) PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION, WAS DESIGNED IN ACCORDANCE WITH THE CITY OF COLORADO SPRINGS DRAINAGE CRITERIA MANUAL (MAY 2014), AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THIS PERMANENT BMP PLAN.

By: Date: 5/14/21

JEFFREY A. ODOR, PE# 39265  
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.

**DEVELOPER'S STATEMENT:**

COLA, LLC HEREBY CERTIFIES THAT THE PERMANENT BMP FOR ASPEN MEADOWS (?) SHALL BE CONSTRUCTED ACCORDING TO THE DESIGN PRESENTED IN THIS PLAN. I UNDERSTAND THAT THE CITY OF COLORADO SPRINGS DOES NOT AND WILL NOT ASSUME LIABILITY FOR THE DRAINAGE FACILITIES DESIGNED AND/OR CERTIFIED BY MY ENGINEER AND THAT ARE SUBMITTED TO THE CITY OF COLORADO SPRINGS PURSUANT TO SECTION 7.7.906 OF THE CITY CODE; AND CANNOT, ON BEHALF OF COLA, LLC, GUARANTEE THAT THE FINAL DRAINAGE DESIGN REVIEW WILL ABSOLVE COLA, LLC AND/OR THEIR SUCCESSORS AND/OR FUTURE LIABILITY FOR IMPROPER DESIGN.

NAME OF DEVELOPER: COLA, LLC Date: 5/20/20

AUTHORIZED SIGNATURE:   
PRINTED NAME: TIM BUSCHAR  
TITLE: DIRECTOR OF ENTITLEMENT  
ADDRESS: 555 MIDDLE CREEK PARKWAY  
COLORADO SPRINGS, CO 80921

NAME OF OWNER: RAO INVESTMENTS, LLC Date: 5/20/21

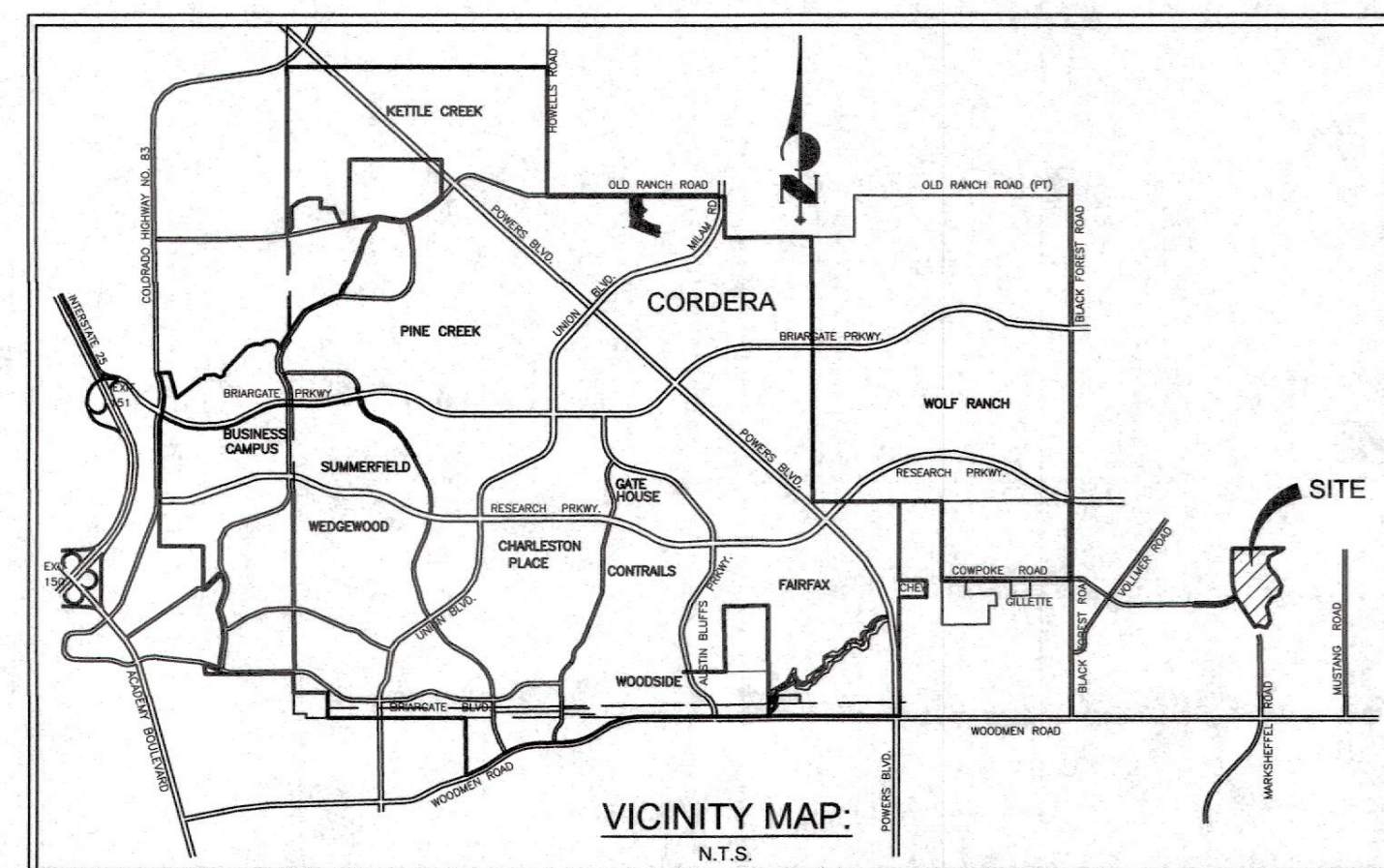
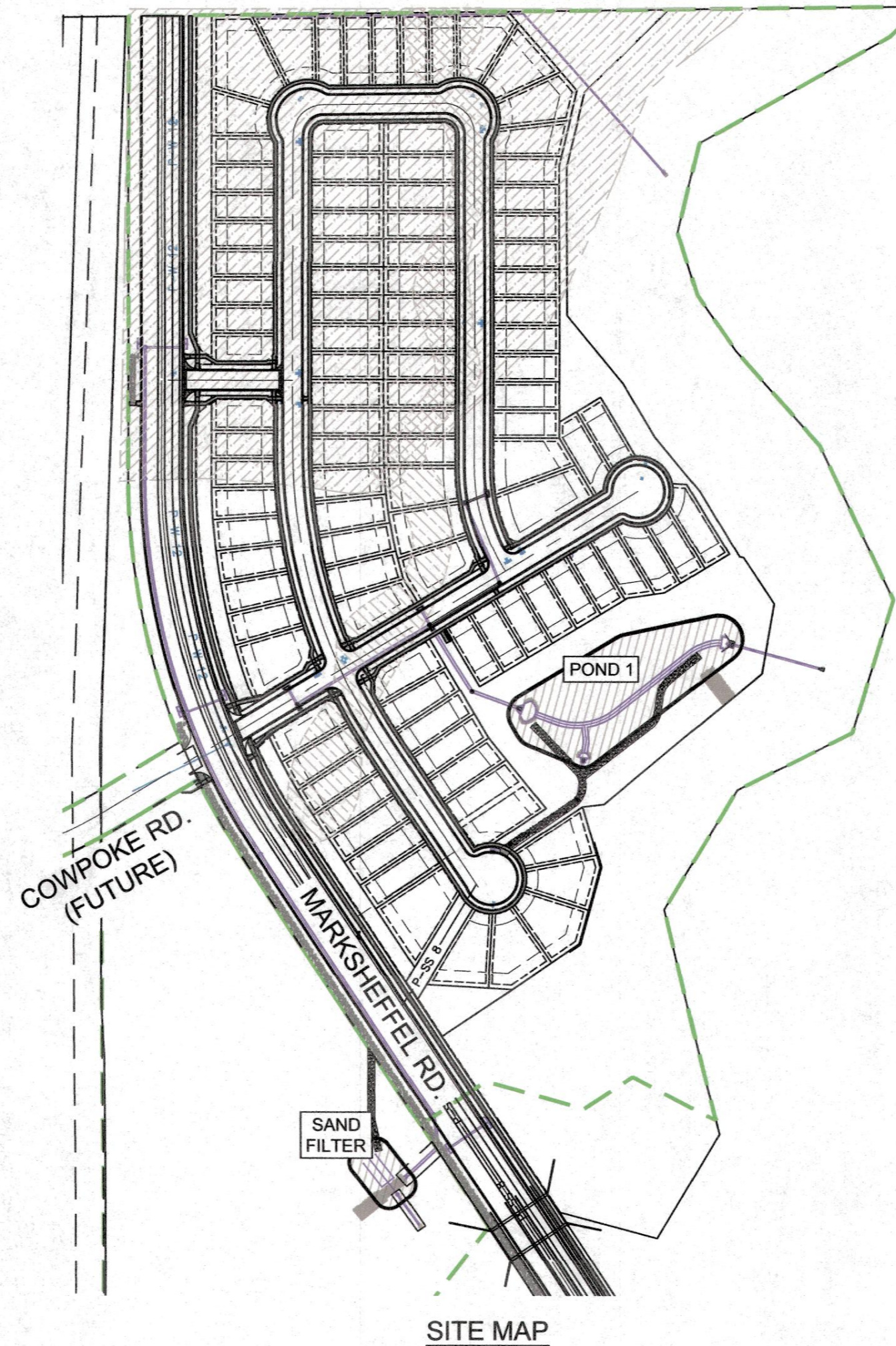
AUTHORIZED SIGNATURE:   
PRINTED NAME: RANDALL S. O'LEARY  
ADDRESS: 555 MIDDLE CREEK PARKWAY  
COLORADO SPRINGS, CO 80921

**CITY OF COLORADO SPRINGS STATEMENT:**

FILED IN ACCORDANCE WITH SECTION 7.7.906 OF THE CODE OF THE CITY OF COLORADO SPRINGS, 2001, AS AMENDED.

FOR CITY ENGINEER: Date: 07/29/2021

CONDITIONS:  
THE CITY OF COLORADO SPRINGS APPROVES THESE PLANS BASED UPON THE NON-JURISDICTIONAL STATUS OF THE FACILITIES. IF, UPON STATE REVIEW, THE CLASSIFICATION CHANGES TO JURISDICTIONAL, ADDITIONAL CITY REVIEW AND APPROVAL WILL BE NECESSARY.



REFERENCE DRAWINGS	SHEET KEY			BENCHMARK A COLORADO SPRINGS UTILITIES (FIMS) MONUMENT DESIGNATED "F-69" BEING A FOUND 3-1/4" ALUMINUM CAP IN A RANGE BOX, LOCATED ONE THE WEST SIDE OF BLACK FOREST ROAD, JUST SOUTH OF THE SCHMIDT CONSTRUCTION COMPANY DRIVEWAY. THE VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 29), 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT. 6975.62 U.S. SURVEY FEET.	PREPARED BY: 	SEAL 	ASPEN MEADOWS	
	COMPUTER FILE MANAGEMENT FILE NAME: s:\21.886.036 aspen meadows filing 1\1100 Dwg\103 plan sets\CD\pond plans\TS01.dwg CTB FILE: --- PLOT DATE: May 14, 2021 11:47:20 AM THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.						CITY OF COLORADO SPRINGS PRIVATE POND PLAN & DETAILS	
No. DATE DESCRIPTION REVISIONS BY			BASIS OF BEARING THE BASIS OF BEARINGS FOR THIS MAP IS THE WEST LINE OF SHILOH MESA FILING NO. 2, ACCORDING TO THE OFFICIAL MAP, THEREOF RECORDED DECEMBER 7, 2016 IN THE OFFICE OF THE EL PASO COUNTY CLERK AND RECORDERS OFFICE UNDER REC. NO. 216713874, MONUMENTED AT EACH END WITH A FOUND 5/8 INCH REBAR WITH 1-1/2 INCH ALUMINUM CAP STAMPED "PLS 30118 CCES", HAVING AN ASSUMED BEARING OF NORTH 31°25'00" WEST 224.08'.	FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 17.884.004	TITLE SHEET			
					DESIGNED BY: WME SCALE DATE ISSUED: MAY, 2021 DRAWING No.	1 OF 8 TS01		



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**GRADING CONSTRUCTION NOTES:**

- ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE CITY OF COLORADO SPRINGS SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR ASSUMES RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES DURING THE WORK. ANY DAMAGE TO THE EXISTING UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR. PRIOR TO ANY EXCAVATION, CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 811 AT LEAST TWO WORKING DAYS PRIOR TO DIGGING.
- IT IS SUGGESTED THAT THE CONTRACTOR INITIATE A REQUEST TO THE SPRINGS UTILITIES FOR ANY CONSTRUCTION RELATED TEMPORARY ELECTRICAL POWER SOURCES AS SOON AS POSSIBLE. IN SOME INSTANCES UP TO 30 DAYS MAY BE REQUIRED TO PROVIDE THE SOURCE.
- CLEARING AND GRUBBING FOR THIS PROJECT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE WORK. INCLUDED IN THIS WORK IS THE REMOVAL OF ALL VEGETATION AND PLANT MATERIAL. ITEMS DESIGNATED IN THE PLANS TO BE REMOVED UNDER A SPECIFIC ITEM WILL BE MEASURED AND PAID FOR IN ACCORDANCE WITH THE SPECIFICATION FOR THAT ITEM.
- THE CONTRACTOR IS RESPONSIBLE FOR THE RE-ESTABLISHMENT OF ALL SURVEY MONUMENTS DISTURBED WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR SHALL PROTECT ALL WORK AREAS AND FACILITIES FROM FLOODING AT ALL TIMES. AREAS AND FACILITIES SUBJECTED TO FLOODING, REGARDLESS OF THE SOURCE OF WATER, SHALL BE PROMPTLY DEWATERED AND RESTORED.
- THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DURING CONSTRUCTION ACTIVITIES AT ALL TIMES DURING GRADING AND CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES:  
 - STRAW BALE BARRIERS WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.  
 - SILT FENCE WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.  
 - TEMPORARY DETENTION BASINS WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.  
 - MULCHING AND SEEDING OF EXCESSIVE SLOPED AREAS AS NEEDED AND/OR AS DIRECTED BY THE ENGINEER.  
 - TEMPORARY VEHICLE TRACKING CONTROL AS NEEDED AND/OR AS DIRECTED BY THE ENGINEER.  
 THESE AND ALL EROSION CONTROL BEST MANAGEMENT PRACTICES AS OUTLINED IN THE STORM WATER MANAGEMENT PLAN SHALL BE ADHERED TO.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND AND ABOVE GROUND UTILITIES WITHIN AND ADJACENT TO THE SITE. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- THE SITE SHALL BE STRIPPED A MINIMUM OF 0.5' BELOW EXISTING GRADE.
- MAXIMUM CUT/FILL SLOPES SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED. ALL SLOPES MUST BE PROTECTED FROM EROSION.
- ALL DISTURBED AREAS THAT ARE UNSURFACED OR ARE NOT DESIGNATED AS LANDSCAPE AREAS ARE TO BE SEEDED, FERTILIZED, AND WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED, AND APPROVED AS FINAL STABILIZATION.
- IF DURING THE OVERLOT GRADING PROCESS, CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE AN UNIDENTIFIED SITUATION IS PRESENT, THE SOILS ENGINEER SHALL BE CONTACTED FOR RECOMMENDATIONS.
- IF STRIPPED MATERIALS CONSISTING OF VEGETATION AND ORGANIC MATERIALS ARE STOCKPILED ON THE SITE, TOPSOIL MAY BE PLACED TO A HEIGHT OF FIVE FEET. SILT FENCE SHALL BE PLACED AROUND THE BASE OF THE STOCKPILE AND THE STOCKPILE SHALL BE SEEDED WITH NATIVE SEED MIX IMMEDIATELY AFTER STRIPPING OPERATIONS ARE COMPLETE.
- SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE SPOT ELEVATIONS THAT DO NOT APPEAR TO BE CONSISTENT WITH THE CONTOURS AND SLOPES.
- BENCHMARK VERIFICATION: CONTRACTOR SHALL USE BENCHMARKS AND DATUMS SHOWN HEREON TO SET PROJECT BENCHMARK(S), BY RUNNING A LEVEL LOOP BETWEEN AT LEAST TWO BENCHMARK, AND SHALL PROVIDE SURVEY NOTES OF SUCH TO PROJECT ENGINEER PRIOR TO COMMENCING CONSTRUCTION.
- ALL UTILITIES (MANHOLES, VALVE COVERS, CLEANOUTS, VAULTS, BOXES, ETC.) SHALL BE ADJUSTED TO FINAL GRADE.
- ALL EARTH MOVING AND PLACEMENT OPERATIONS SHALL BE IN CONFORMANCE WITH THE RECOMMENDATIONS IDENTIFIED IN THE SOILS REPORT. GEOTECHNICAL ENGINEER SHALL CERTIFY THAT ALL FILL IS PLACED AS RECOMMENDED IN THE SOILS REPORT. THE CONTRACTOR HAVE A SIGNED AND SEALED COPY OF THE SOILS REPORT ON THE SITE AT ALL TIMES.
- EXISTING CONTOURS AS PROVIDED BY HIGH VALLEY LAND COMPANY FOR THE PURPOSE OF MATCHING THE PROPOSED TOPOGRAPHY, MAY VARY FROM ACTUAL CONDITIONS IN THE FIELD DUE TO CONSTRUCTION ACTIVITIES.
- SPOT ELEVATIONS REPRESENT FLOW LINE OR FINISH GRADE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HIS OWN ESTIMATE OF EARTHWORK QUANTITIES.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.
- PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.

- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL NPDES PERMIT FOR STREAM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL ADJUST AND/OR REMOVE AND REPLACE EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- LOCATION OF SOILS STOCKPILES, DESIGNATED FOR TOPSOIL AND SUBSOIL STORAGE AREAS, WILL BE DETERMINED IN THE FIELD AT THE START OF CONSTRUCTION ACTIVITY AND INDICATED ON THE PLAN BY THE CONTRACTOR WHEN REQUIRED.

**NRCS SOIL SURVEY FOR EL PASO COUNTY**

SOIL ID NO.	SOIL TYPE	HYDROLOGIC CLASSIFICATION
19	COLUMBINE GRAVELLY SANDY LOAM (0%-3% SLOPES)	A

**PROJECT DATA**

POND 1 & WQ POND  
 PARCEL NUMBER: TRACT E, TAX SCHEDULE NUMBER 530000636  
 GEC/STORMWATER QC PLAN: ASPEN MEADOWS FILING NO. 1 GRADING & EROSION CONTROL PLANS & STORMWATER MANAGEMENT PLAN (APPROVED: 05/07/2021)  
 ADDENDUM TO ASPEN MEADOWS FDR (APPROVED: 05/28/2021)  
 FUNCTIONAL MAINTENANCE OF BMP: WOODMEN HEIGHTS METRO DISTRICT NO. 3  
 AESTHETIC MAINTENANCE OF BMP: WOODMEN HEIGHTS METRO DISTRICT NO. 3  
 POND 1 EURV WATER SURFACE ELEVATION: 6942.97  
 POND 1 WQCV WATER SURFACE ELEVATION: 6941.07  
 POND 1 100-YR WATER SURFACE ELEVATION: 6944.53  
 SAND FILTER WQCV WATER SURFACE ELEVATION: 6924.83

**ABBREVIATIONS**

BTM	BOTTOM	MJ	MECHANICAL JOINT
CFS	CUBIC FEET PER SECOND	NTS	NOT TO SCALE
CL or CL	CENTERLINE	PC	POINT OF CURVATURE
CMP	CORRUGATED METAL PIPE	PCC	POINT OF COMPOUND CURVE
CONC	CONCRETE	PCR	POINT OF CURB RETURN
CONST	CONSTRUCTION	PRC	POINT OF REVERSE CURVE
CONT	CONTINUOUS	PT	POINT OF TANGENCY
EA	EACH	PVC	POINT OF VERTICAL CURVE
ELEV or EL	ELEVATION	PVI	POINT OF VERTICAL TANGENT
EX or EXIST	EXISTING	PVT	POINT OF VERTICAL INTERSECTION
FES	FLARED END SECTION	R or RAD	RADIUS
FL or FL	FLOWLINE	RCP	REINFORCED CONCRETE PIPE
FT	FOOT/FEET	ROW	RIGHT-OF-WAY
HGL	HYDRAULIC GRADE LINE	RT	RIGHT
HP	HIGH POINT	SD	STORM SEWER
HORIZ	HORIZONTAL	ST	STREET
INV	INVERT	STA	STATION
K	VERTICAL CURVE FACTOR	STD	STANDARD
LBS	POUNDS	SS	SANITARY SEWER
LF	LINEAR FEET	TBC	TOP BACK OF CURB
LP	LOW POINT	TOB	TOP OF BOX
LT	LEFT	TYP	TYPICAL
MAX	MAXIMUM	UG	UNDERGROUND
MH	MANHOLE	UTIL	UTILITY
MIN	MINIMUM	VC	VERTICAL CURVE
		VERT	VERTICAL

**STANDARD PERMANENT BEST MANAGEMENT PRACTICE (BMP) NOTES**

- NO CLEARING, GRADING, EXCAVATION, FILLING, OR OTHER LAND DISTURBANCE ACTIVITIES SHALL BE PERMITTED PRIOR TO APPROVAL OF THE SITE GRADING AND EROSION CONTROL (GEC) PLAN. REFERENCE THE CITY OF COLORADO SPRINGS DRAINAGE CRITERIA MANUAL (DCM) VOLUME 2, CHAPTER 7 FOR MORE INFORMATION.
- ANY LAND DISTURBANCE BY ANY OWNER, DEVELOPER, BUILDER, CONTRACTOR, OR OTHER PERSON SHALL COMPLY WITH THE POLICIES AND PROCEDURES OUTLINED IN THE CITY DCM, AND THE APPROVED GEC PLAN.
- THIS PERMANENT BMP PLAN WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF COLORADO SPRINGS IF WORK ON THE PERMANENT BMP DOES NOT COMMENCE WITHIN 12 MONTHS OF PLAN APPROVAL, OR SHOULD ANY OF THE FOLLOWING OCCUR: A CHANGE IN PROPERTY OWNERSHIP, A CHANGE IN THE PROPOSED DEVELOPMENT, OR CHANGES TO THE DESIGN OF THE BMP.
- CONTACT CITY GEC INSPECTIONS, 719-385-5918, AND CITY ENGINEERING INSPECTIONS, 719-385-5977, AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- ACCEPTANCE OF THIS PLAN DOES NOT CONSTITUTE APPROVAL TO GRADE OR CAUSE ANY DISTURBANCE WITHIN ANY UTILITY EASEMENT OR RIGHT-OF-WAY. APPROVALS TO WORK WITHIN UTILITY EASEMENTS MUST BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY. IT IS NOT PERMISSIBLE FOR ANY PERSON TO MODIFY THE GRADE OF THE EARTH ON ANY UTILITY EASEMENT OF RIGHT-OF-WAY WITHOUT THE APPROPRIATE WRITTEN APPROVAL. THE PLAN SHALL NOT INCREASE OR DIVERT WATER TOWARD UTILITY FACILITIES. ANY CHANGES TO EXISTING UTILITY FACILITIES TO ACCOMMODATE THE PLAN MUST BE APPROVED BY THE AFFECTED UTILITY OWNER PRIOR TO IMPLEMENTING THE PLAN. THE APPLICANT IS RESPONSIBLE FOR THE COST TO RELOCATE OR PROTECT EXISTING UTILITIES OR TO PROVIDE INTERIM ACCESS.
- A PROFESSIONAL ENGINEER (PE) CERTIFICATION THAT THE BMP HAS BEEN INSTALLED AND CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE PLANS WILL BE REQUIRED ONCE THE BMP IS FULLY CONSTRUCTED. AN AS-CONSTRUCTED SURVEY MUST BE COMPLETED TO VERIFY FACILITY VOLUMES AND ELEVATIONS. THE AS-BUILT DRAWINGS MUST BE SUBMITTED ALONG WITH THE PE CERTIFICATION. A PE CERTIFICATION REQUIRES PERIODIC ON-SITE OBSERVATIONS BY THE ENGINEER OF RECORD OR A PERSON UNDER THEIR RESPONSIBLE CHARGE. COORDINATION WITH THE ENGINEER OF RECORD TO ENSURE THAT THE NECESSARY ON-SITE OBSERVATIONS ARE COMPLETED IS THE RESPONSIBILITY OF THE APPLICANT.
- THE CONTRACTOR SHOULD CONTACT THE ENGINEER OF RECORD AND GEC INSPECTOR IMMEDIATELY SHOULD CONSTRUCTION OF THE BMP VARY IN ANY WAY FROM THE PLANS.

**OPINION OF PROBABLE BMP IMPROVEMENT COSTS**

POND 1	
1. POND GRADING	\$30,000.00
2. FOREBAYS AND OUTLET STRUCTURE	\$65,000.00
3. TRICKLE CHANNEL	\$30,000.00
4. TEMPORARY BMP'S, RIPRAP, & SEEDING	\$45,000.00
5. 10% CONTINGENCY	\$17,000.00
<b>SUBTOTAL</b>	<b>\$187,000.00</b>
WQ POND	
1. POND GRADING	\$15,000.00
2. OUTLET STRUCTURE	\$5,000.00
3. SAND FILTER	\$15,000.00
4. TEMPORARY BMP'S, RIPRAP, & SEEDING	\$30,000.00
5. 10% CONTINGENCY	\$6,500.00
<b>SUBTOTAL</b>	<b>\$71,500.00</b>
<b>TOTAL</b>	<b>\$258,500.00</b>

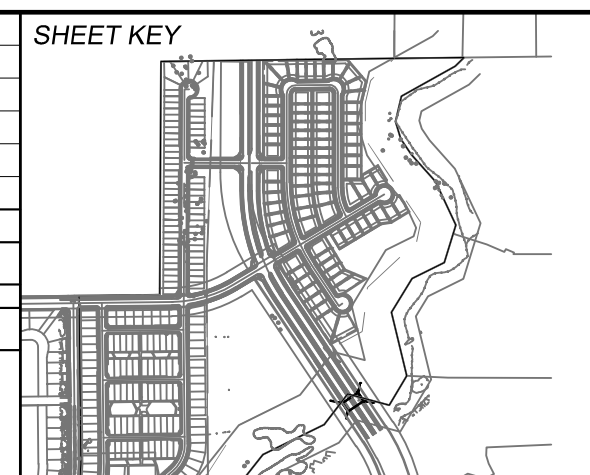
MATRIX DESIGN GROUP, INC. CANNOT AND DOES NOT GUARANTEE THAT THE CONSTRUCTION COSTS WILL NOT VARY FROM THESE OPINIONS OF PROBABLE COSTS. THESE OPINIONS REPRESENT OUR BEST JUDGEMENT AS A DESIGN PROFESSIONAL, FAMILIAR WITH THE CONSTRUCTION INDUSTRY AND THIS DEVELOPMENT.

**SYMBOLS**

	PROPOSED CENTERLINE		EXISTING POWER POLE
	EXISTING PAVED ROAD		THRUST BLOCK
	EXISTING UNDERGROUND UTILITY		FIRE HYDRANT
	PROPOSED UNDERGROUND UTILITY		EXISTING WATER VALVE
	RIGHT OF WAY		PROPOSED WATER VALVE
	EASEMENT		WATER FITTINGS
	EXISTING CURB & GUTTER		EXISTING STORM INLET
	PROPOSED CURB & GUTTER		PROPOSED STORM DRAIN/INLET
	EXISTING CONTOUR		PLUG PIPE
	PROPOSED CONTOUR		PROPOSED SIGN
	LIMITS OF CONSTRUCTION		EXISTING SIGN
	PROPOSED MANHOLE		

J99  
06/25/2021

REFERENCE DRAWINGS	No.	DATE	DESCRIPTION	BY
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THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.				



**BENCHMARK**  
 A COLORADO SPRINGS UTILITIES (FIMS) MONUMENT DESIGNATED "F-69" BEING A FOUND 3-1/4" ALUMINUM CAP IN A RANGE BOX, LOCATED ONE THE WEST SIDE OF BLACK FOREST ROAD, JUST SOUTH OF THE SCHMIDT CONSTRUCTION COMPANY DRIVEWAY. THE VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 29), 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT. 6975.62 U.S. SURVEY FEET.

**BASIS OF BEARING**  
 THE BASIS OF BEARINGS FOR THIS MAP IS THE WEST LINE OF SHILOH MESA FILING NO. 2, ACCORDING TO THE OFFICIAL MAP, THEREOF RECORDED DECEMBER 7, 2016 IN THE OFFICE OF THE EL PASO COUNTY CLERK, AND RECORDERS OFFICE UNDER REC. NO. 216713874, MONUMENTED AT EACH END WITH A FOUND 5/8 INCH REBAR WITH 1-1/2 INCH ALUMINUM CAP STAMPED "PLS 30118 CCES", HAVING AN ASSUMED BEARING OF NORTH 31°25'00" WEST 224.08'.

PREPARED BY:

SEAL:

FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 17.884.004

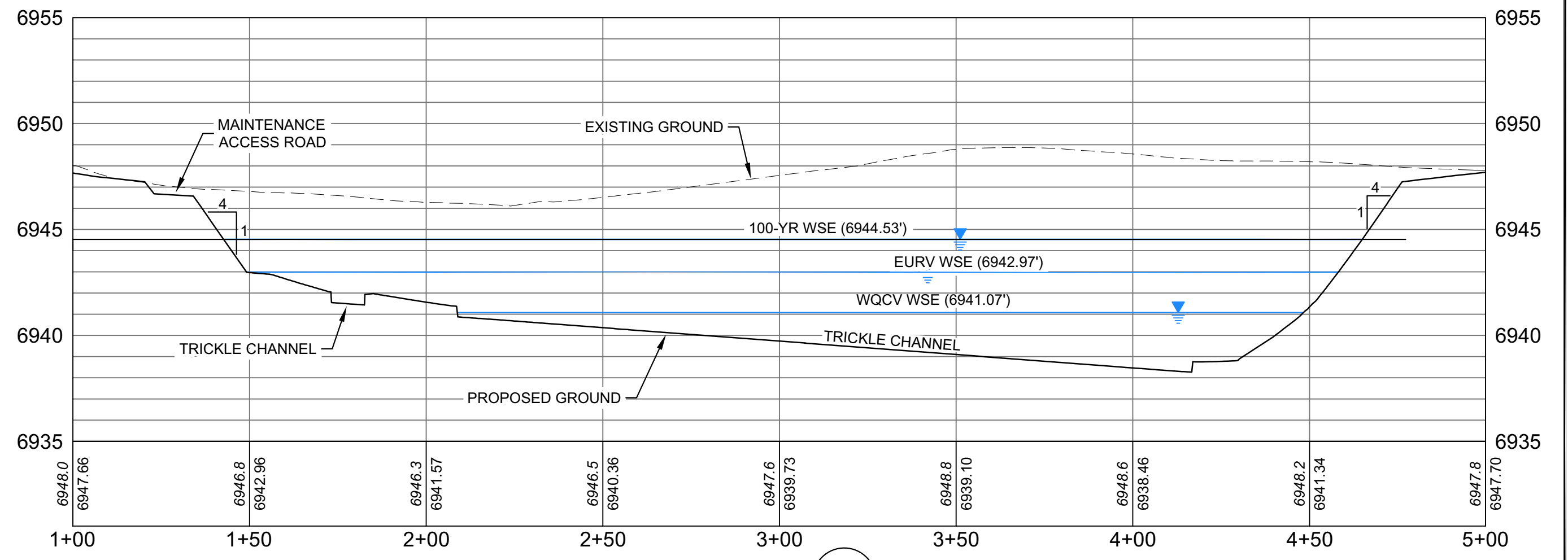
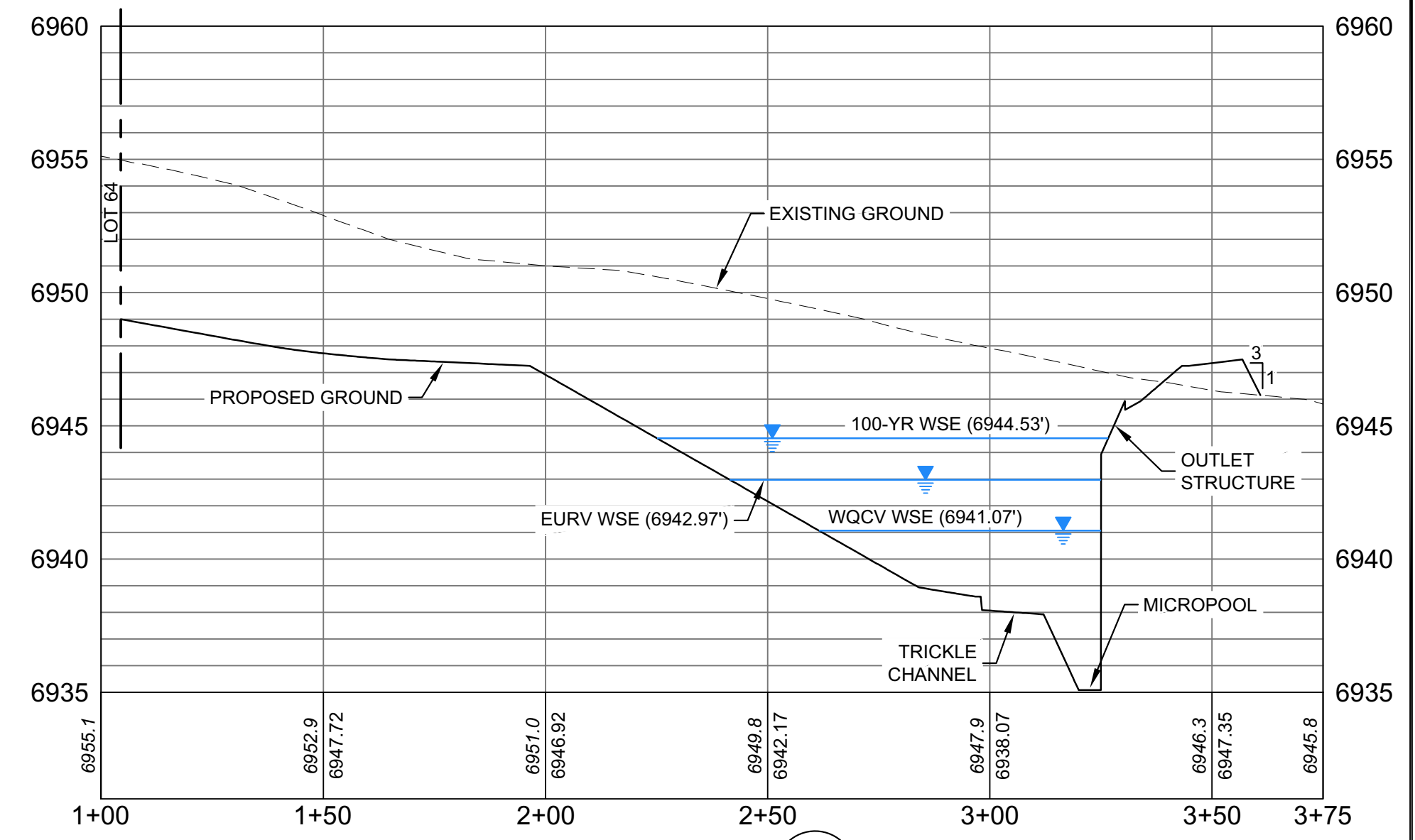
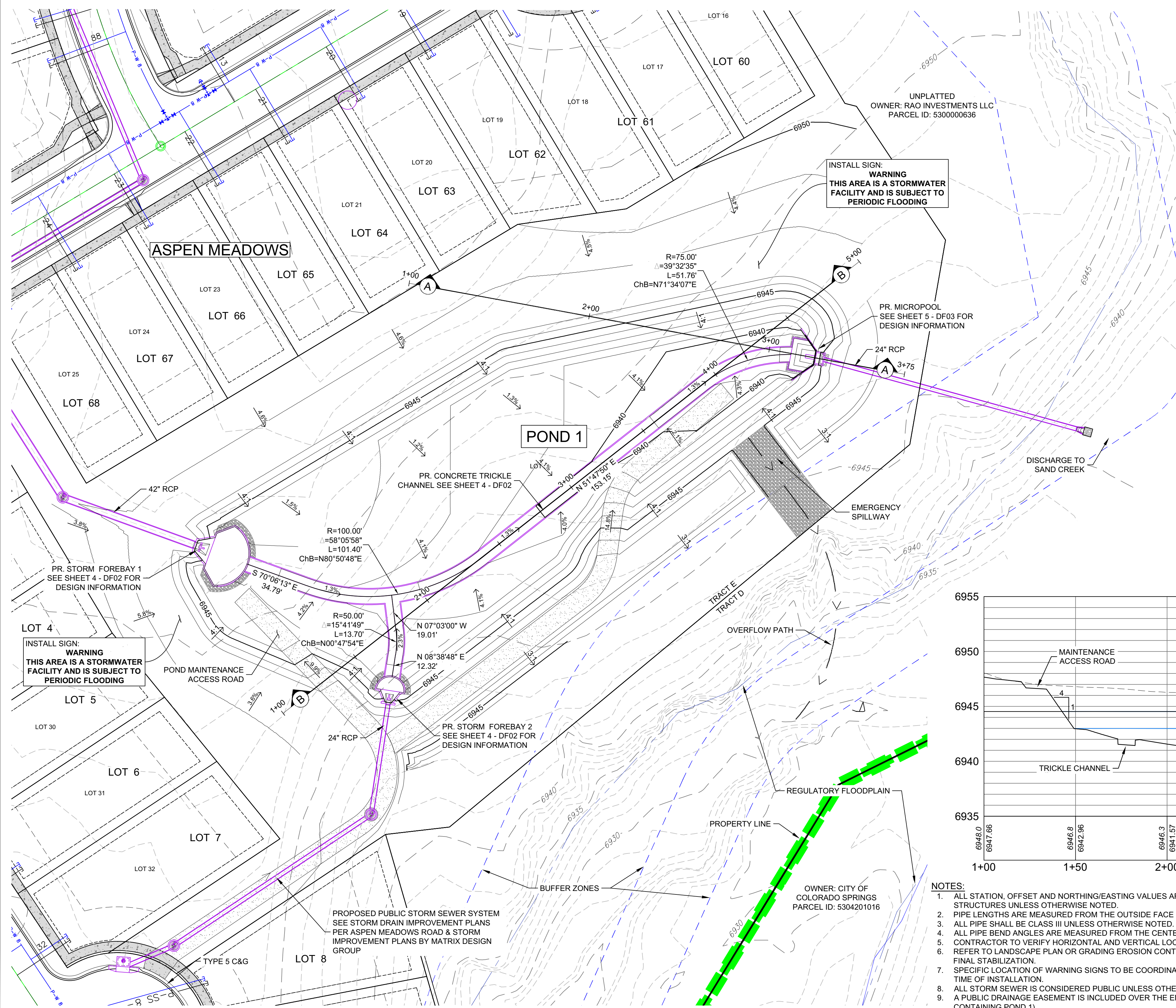
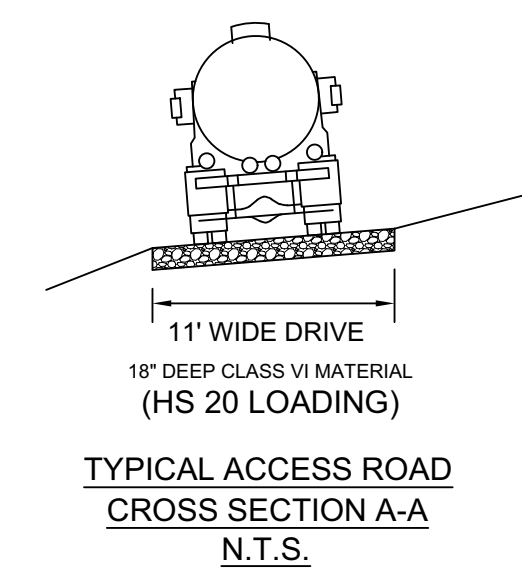
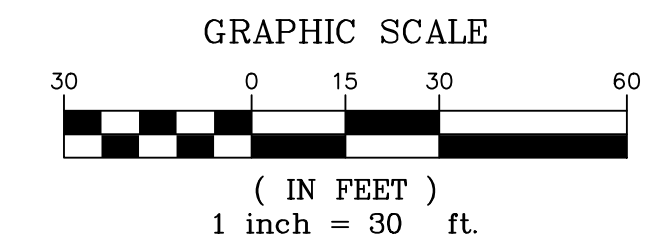
**ASPEN MEADOWS**  
 CITY OF COLORADO SPRINGS  
 PRIVATE POND PLAN & DETAILS

**GENERAL NOTES, LEGEND & ABBREVIATIONS**

DESIGNED BY: WME	SCALE	DATE ISSUED: JUNE, 2021	DRAWING No. GN01
DRAWN BY: WME	HORIZ N/A	SHEET 2 OF 8	
CHECKED BY: JAO	VERT. N/A		



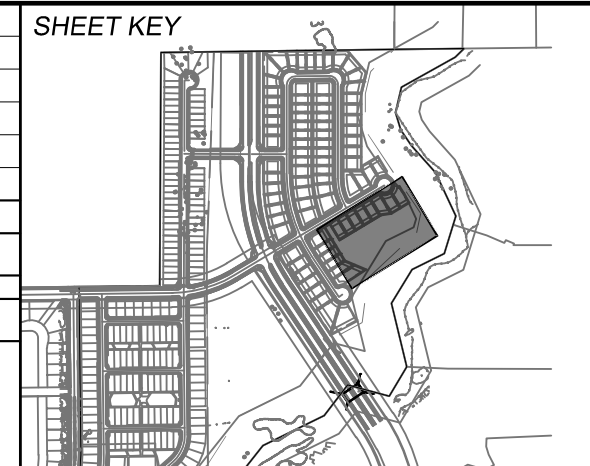
Know what's below.  
Call before you dig.



- NOTES:
1. ALL STATION, OFFSET AND NORTHING/EASTING VALUES ARE TO THE CENTER OF ALL STRUCTURES UNLESS OTHERWISE NOTED.
  2. PIPE LENGTHS ARE MEASURED FROM THE OUTSIDE FACE OF ALL STRUCTURES.
  3. ALL PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED.
  4. ALL PIPE BEND ANGLES ARE MEASURED FROM THE CENTER OF PIPE.
  5. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING STRUCTURES.
  6. REFER TO LANDSCAPE PLAN OR GRADING EROSION CONTROL FOR FINAL LANDSCAPE AND FINAL STABILIZATION.
  7. SPECIFIC LOCATION OF WARNING SIGNS TO BE COORDINATED WITH SWENT INSPECTOR AT TIME OF INSTALLATION.
  8. ALL STORM SEWER IS CONSIDERED PUBLIC UNLESS OTHERWISE NOTED.
  9. A PUBLIC DRAINAGE EASEMENT IS INCLUDED OVER THE ENTIRETY OF TRACT E (TRACT CONTAINING POND 1).

J99  
06/25/2021

No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: S:\21.886.036 Aspen Meadows Filing 1100 Dwg\103 Plan Sets\CD\Pond Plans\DF01-02.dwg			
PLOT DATE: June 4, 2021 1:36:20 PM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



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PREPARED BY:

SEAL  
COLORADO LICENSED PROFESSIONAL ENGINEER  
39265  
05/14/2021

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 17.884.004

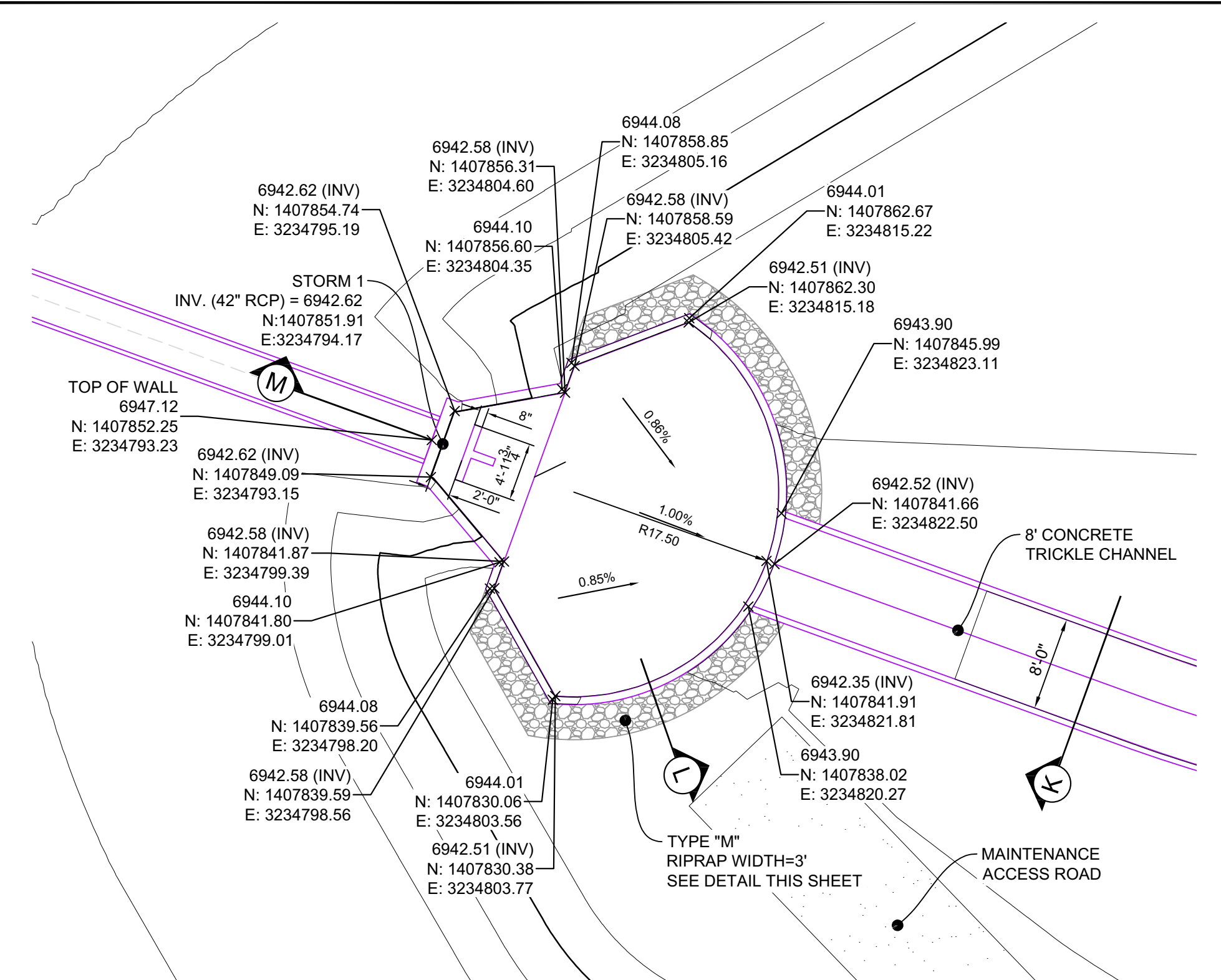
**ASPEN MEADOWS**  
CITY OF COLORADO SPRINGS  
PRIVATE POND PLAN & DETAILS

**POND 1 LAYOUT & SECTIONS**

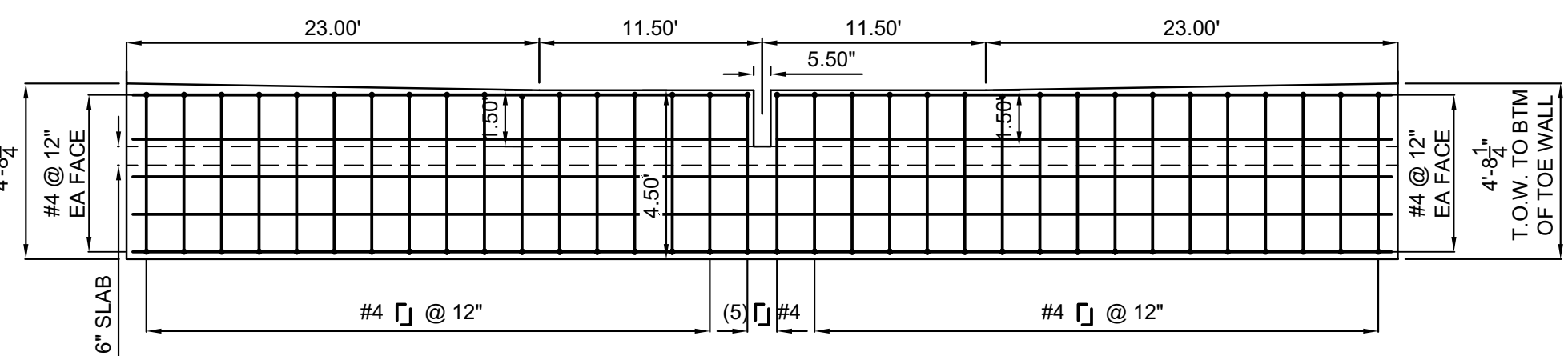
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DRAWN BY: WME	VERT. 1"=5'	SHEET 3 OF 8	
CHECKED BY: JAO			



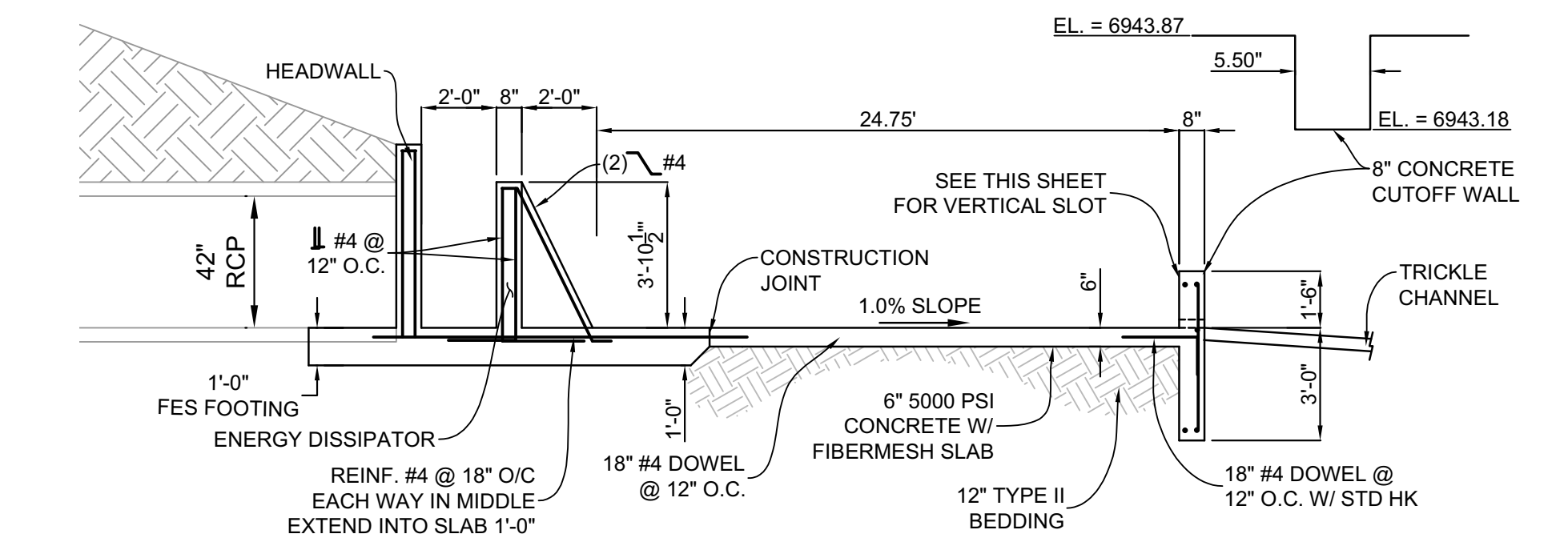
Know what's below.  
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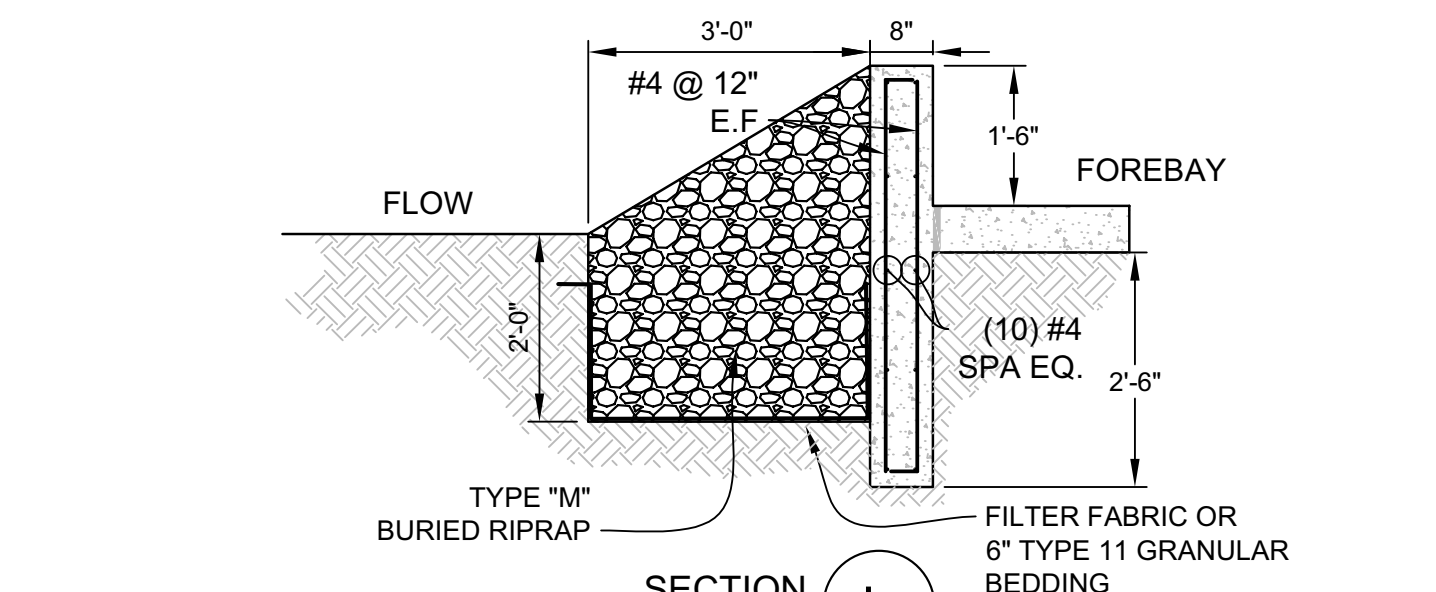
**STORM FOREBAY 1**  
SCALE: 1" = 10'



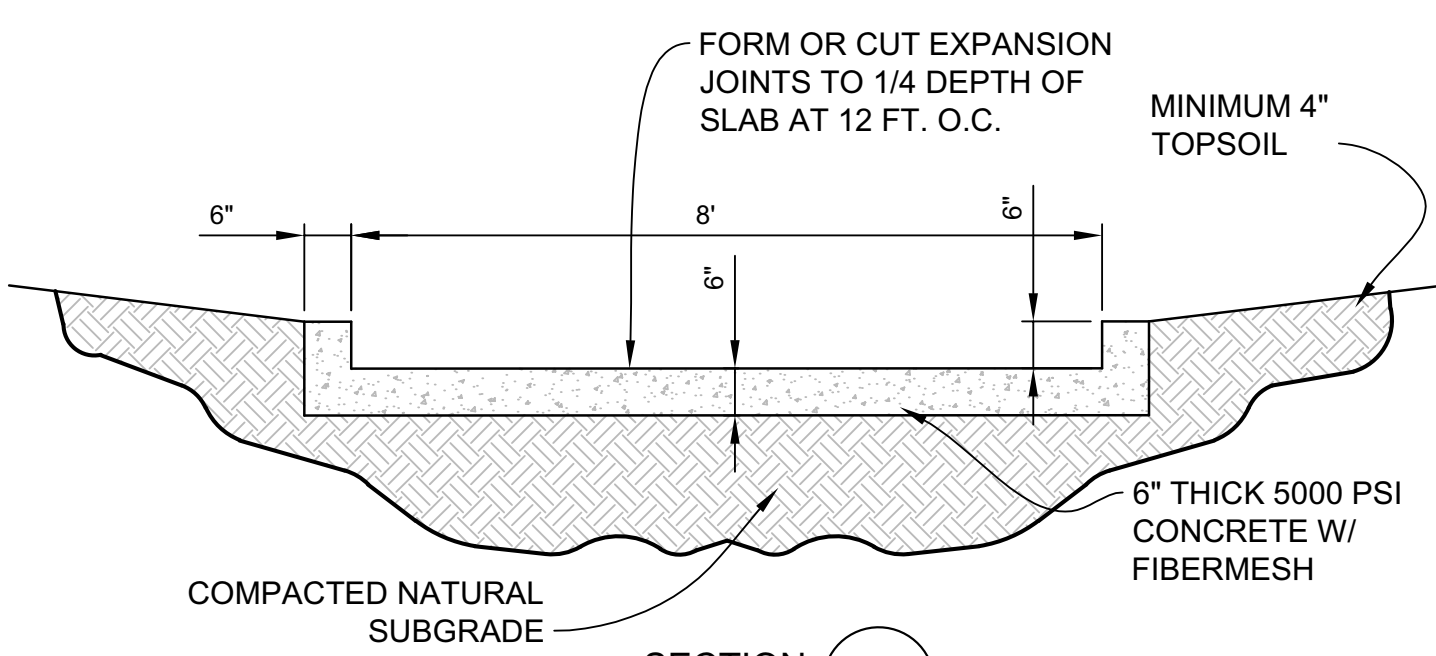
**SECTION O**  
H: 1"=4"  
(STORM 4 FOREBAY SEE THIS SHEET)



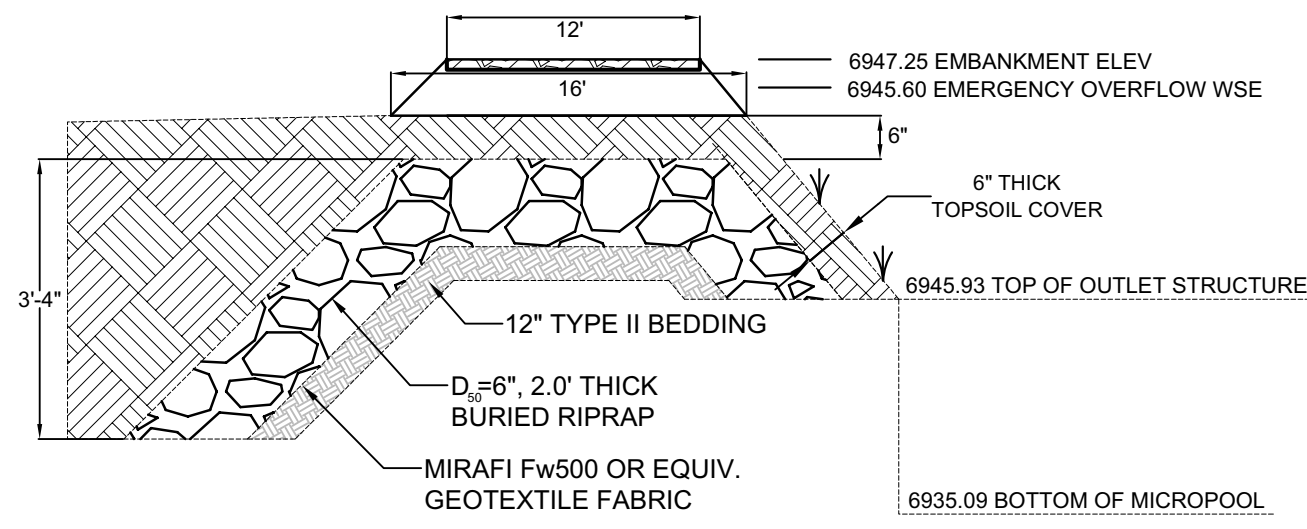
**SECTION M**  
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(STORM 4 FOREBAY SEE THIS SHEET)



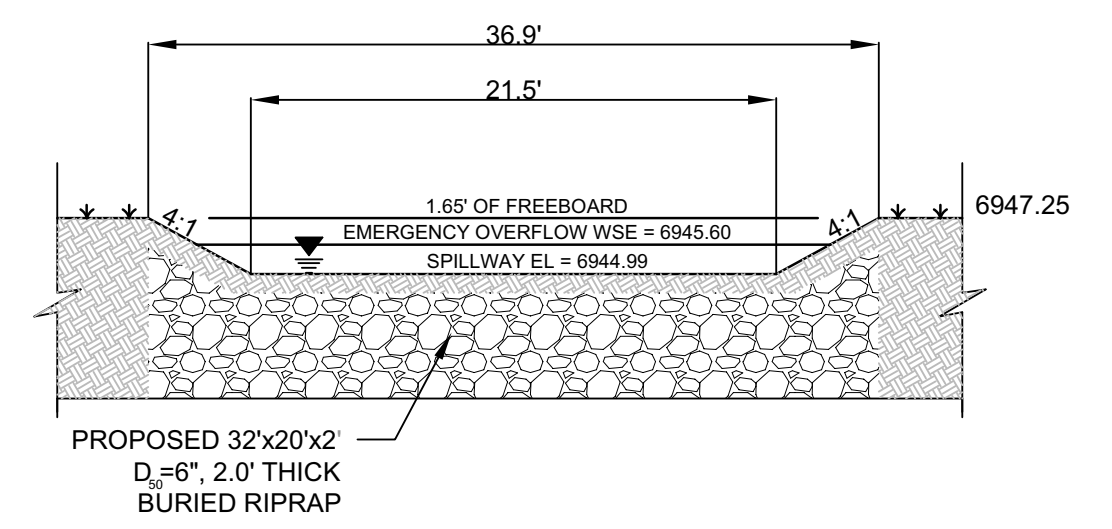
**SECTION L**  
SCALE: 1/2"=1'  
(STORM 1 FOREBAY WALL SEE THIS SHEET)  
**TYPE "M" RIPRAP-SECTION**



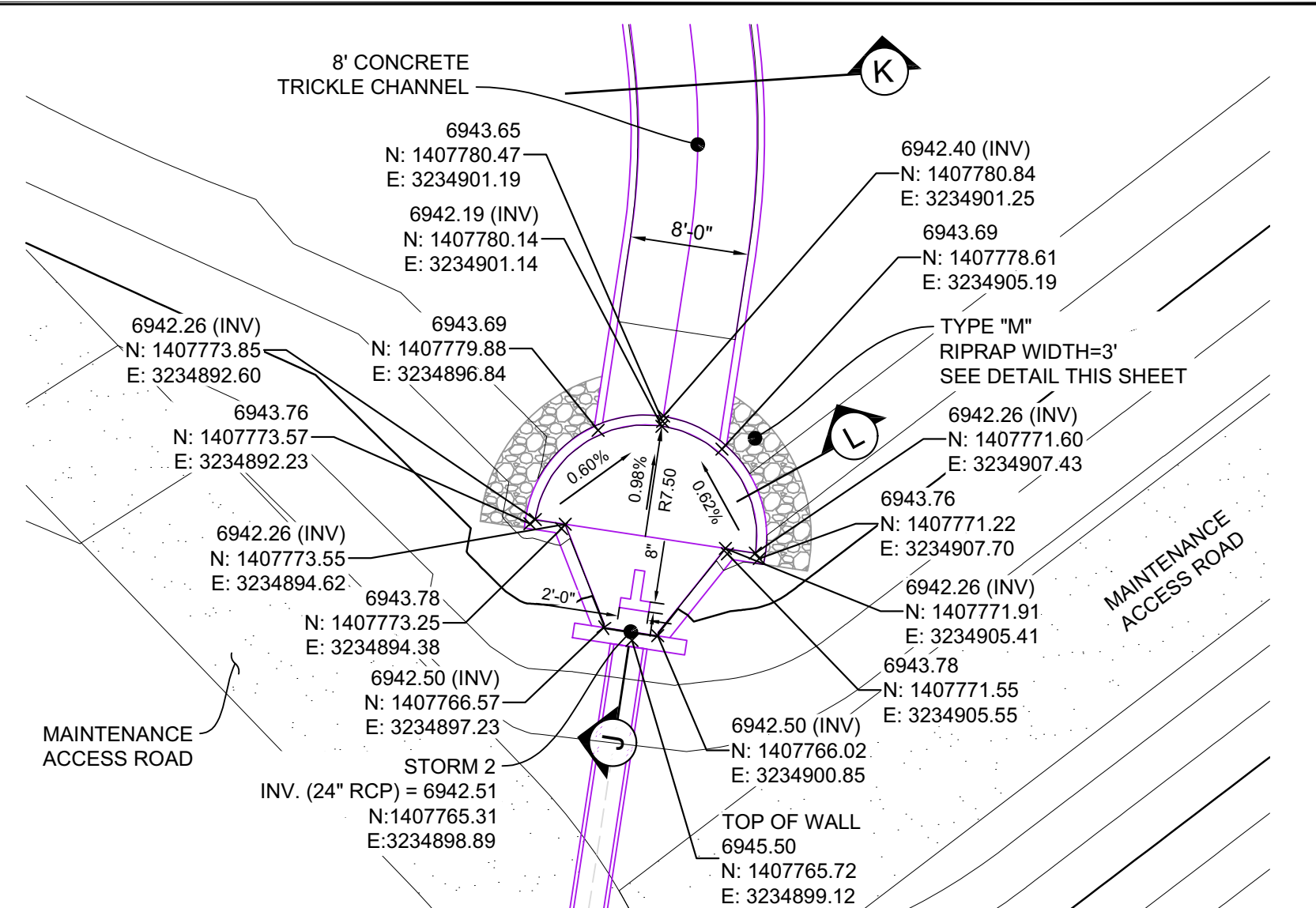
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SCALE: 1/2"=1'  
(STORM FOREBAYS SEE THIS SHEET)  
**DETENTION BASIN TRICKLE CHANNEL**



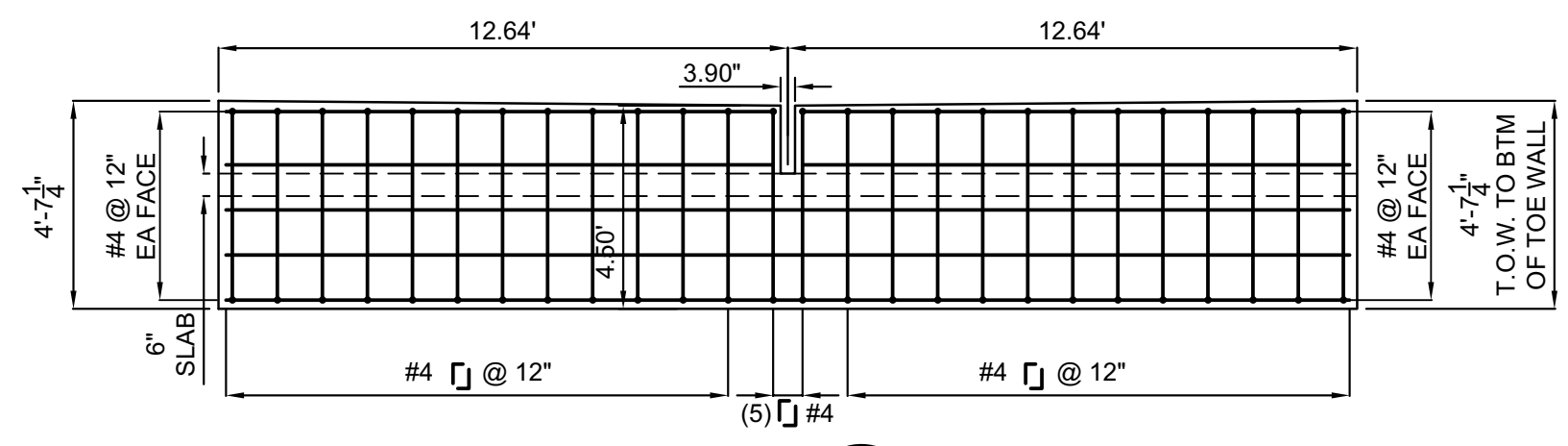
**SPILLWAY DETAIL (PROFILE)**  
NTS



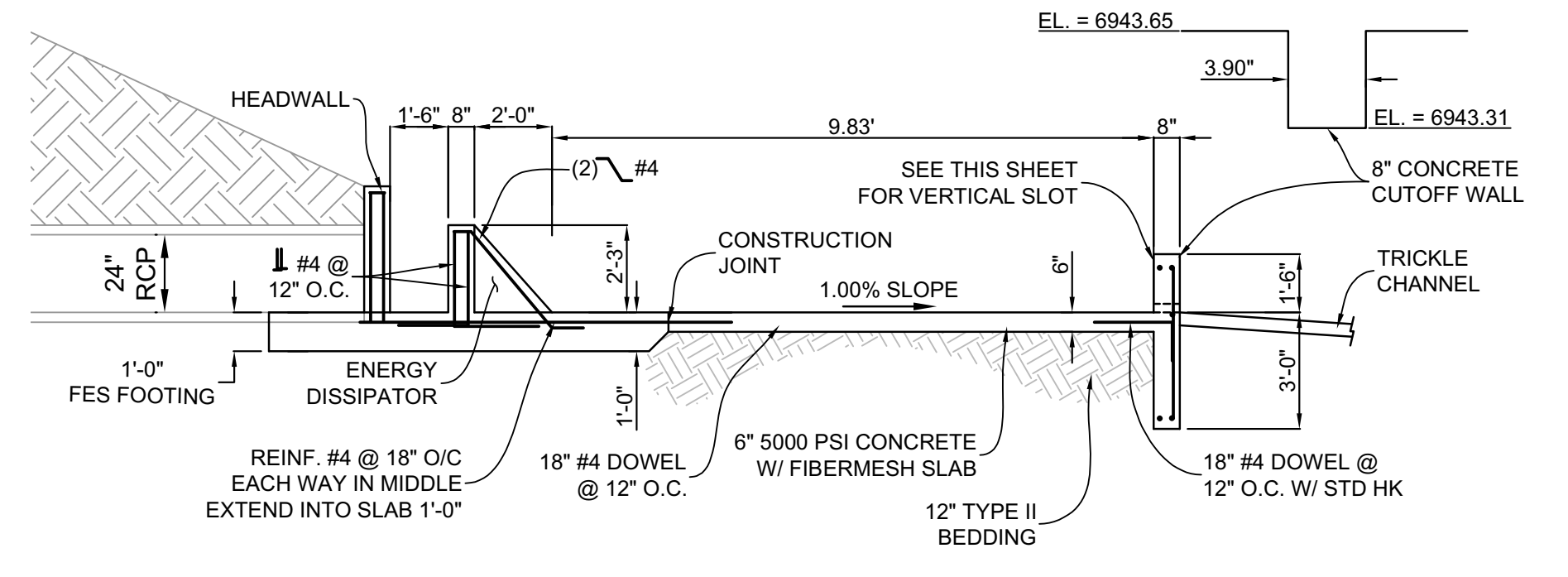
**SPILLWAY DETAIL (SECTION)**



**STORM FOREBAY 2**  
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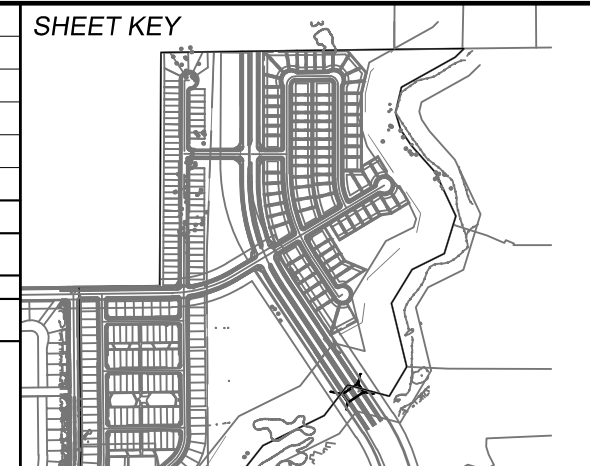


**SECTION N**  
H: 1"=4"  
(STORM 2 FOREBAY SEE THIS SHEET)



**SECTION J**  
H: 1"=4"  
(STORM 2 FOREBAY SEE THIS SHEET)

REFERENCE DRAWINGS			
No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: S:\21.886.036 Aspen Meadows Filing 1100 Dwg\103 Plan Sets\CD\Pond Plans\DF03-05.dwg			
CTB FILE: ---			
PLOT DATE: June 4, 2021 1:56:25 PM			
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**BENCHMARK**  
A COLORADO SPRINGS UTILITIES (FIMS) MONUMENT DESIGNATED "F-69" BEING A FOUND 3-1/4" ALUMINUM CAP IN A RANGE BOX, LOCATED ONE THE WEST SIDE OF BLACK FOREST ROAD, JUST SOUTH OF THE SCHMIDT CONSTRUCTION COMPANY DRIVEWAY. THE VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 29), 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT.  
6975.62 U.S. SURVEY FEET.

**BASIS OF BEARING**  
THE BASIS OF BEARINGS FOR THIS MAP IS THE WEST LINE OF SHILOH MESA FILING NO. 2, ACCORDING TO THE OFFICIAL MAP, THEREOF RECORDED DECEMBER 7, 2016 IN THE OFFICE OF THE EL PASO COUNTY CLERK, AND RECORDED UNDER REC. NO. 216713874, MONUMENTED AT EACH END WITH A FOUND 5/8 INCH REBAR WITH 1-1/2 INCH ALUMINUM CAP STAMPED "PLS 30118 CCES", HAVING AN ASSUMED BEARING OF NORTH 31°25'00" WEST 224.08'.

PREPARED BY:

SEAL  
COLORADO LICENSED PROFESSIONAL ENGINEER  
59265  
05/14/2021

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 17.884.004

**ASPEN MEADOWS**  
CITY OF COLORADO SPRINGS  
PRIVATE POND PLAN & DETAILS

**POND 1 DETAILS**

DESIGNED BY: WME  
DRAWN BY: WME  
CHECKED BY: JAO

SCALE  
HORIZ 1"=10'  
VERT VARIES

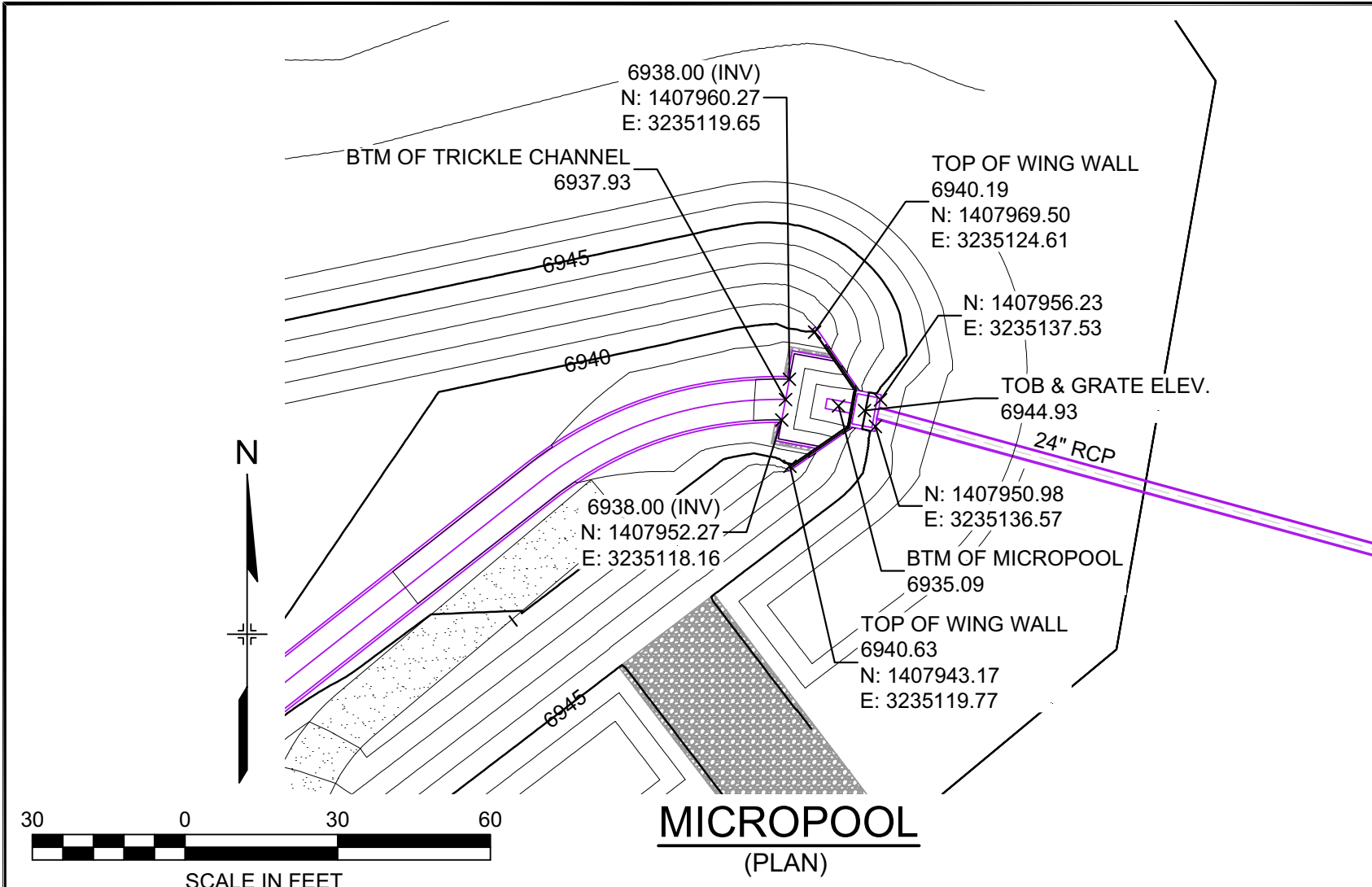
DATE ISSUED: JUNE, 2021  
SHEET 4 OF 8

DRAWING No. DF02

J99  
06/25/2021

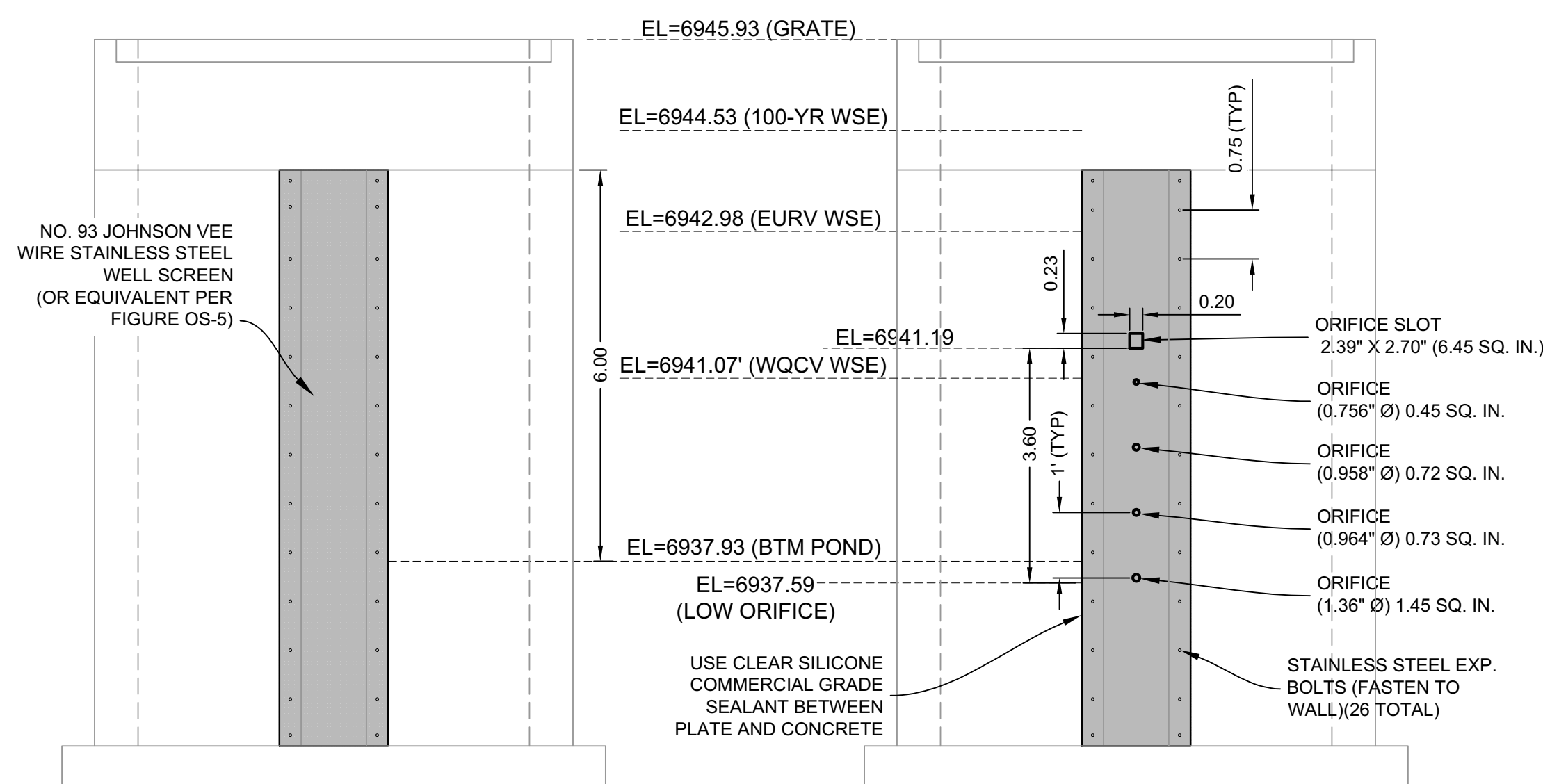
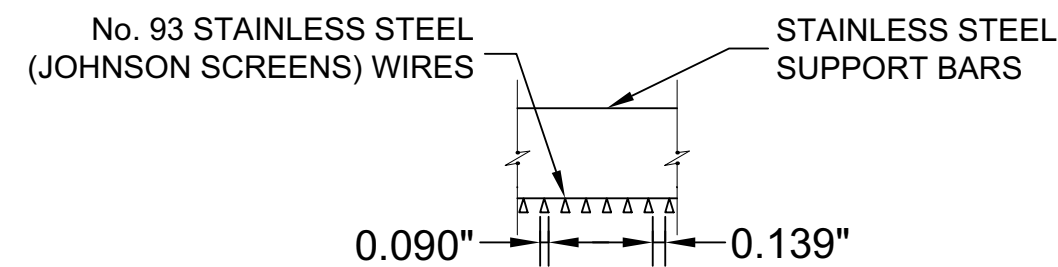


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**JOHNSON SCREENS STAINLESS STEEL VEE WIRE FILTERS WELL-SCREEN (OR EQUAL)**

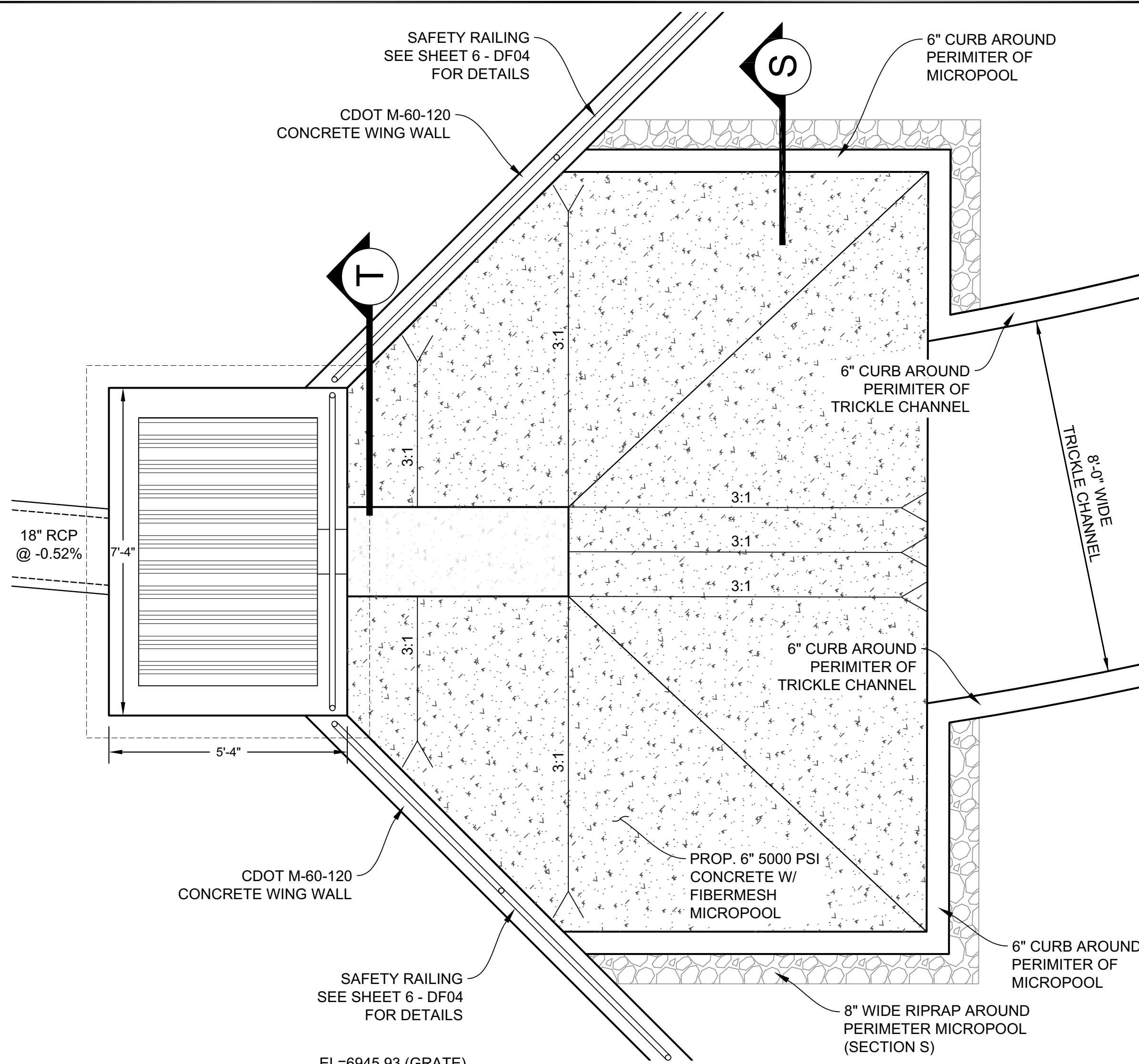
STRUCTURE	SCREEN #93 VEE WIRE SLOT OPENING	SUPPORT ROD TYPE & SPACING	TOTAL SCREEN THICKNESS	CARBON STEEL FRAME TYPE
OUTLET STRUCTURES	0.139	#156 VEE @ 3/4" O.C.	0.31"	3/8" x 1" BAR



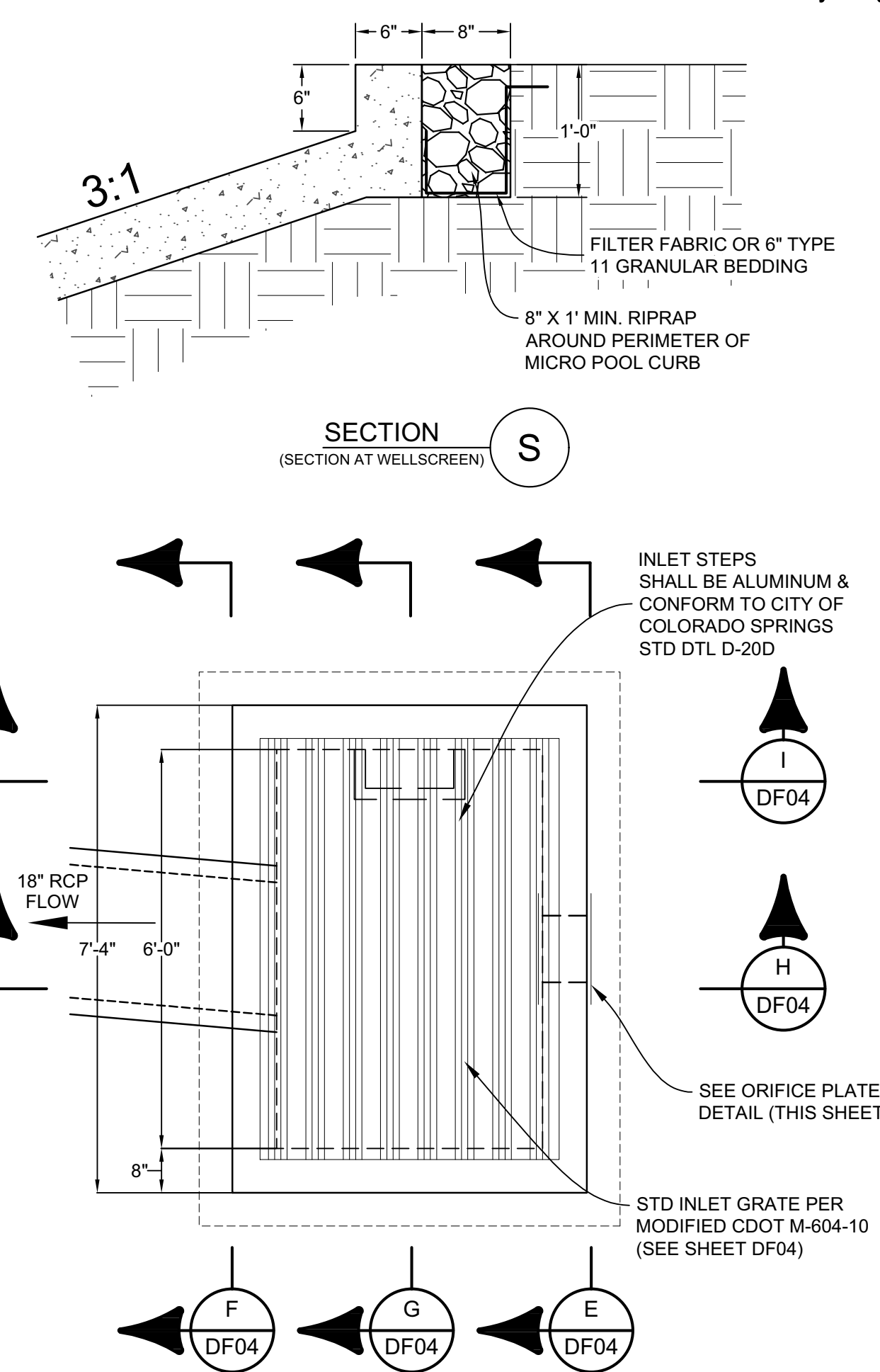
**WELL SCREEN DETAIL**  
SCALE: 1" = 2'

**ORIFICE PLATE DETAIL**  
SCALE: 1" = 2'

**SECTION T**  
(SECTION AT WELLSCREEN)



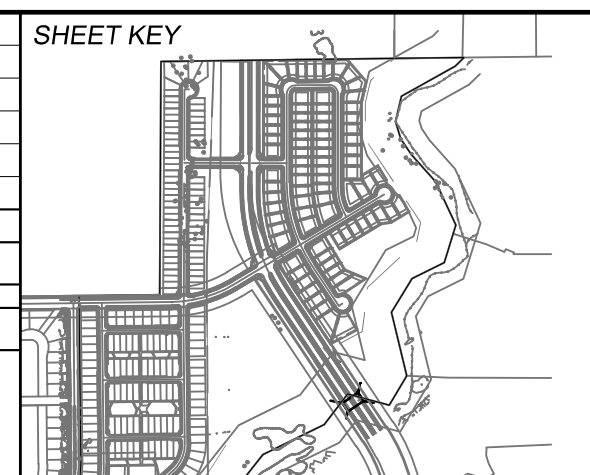
**MICROPOOL - CL PROFILE**  
SCALE: 1" = 2'



- NOTES:**
1. SECURE RESTRICTOR PLATE TO WALL OF STRUCTURE WITH 1/2" x 3" STAINLESS STEEL BOLTS ON 12" CENTERS. A 1/8" NEOPRENE GASKET SHALL BE INSTALLED BETWEEN THE NUT AND THE PLATE PURSUANT TO UDFCD CRITERIA. INITIAL SURCHARGE VOLUME IS NOT INCLUDED IN MICROPOOL. FOR POND 1, INITIAL SURCHARGE HAS BEEN CALCULATED TO BE 50.4 CUBIC FEET.

J99  
06/25/2021

No.	DATE	DESCRIPTION	BY
<b>COMPUTER FILE MANAGEMENT</b>			
FILE NAME: S:\21.886.036 Aspen Meadows Filing 1100 Dwg\103 Plan Sets\CD\Pond Plans\DF03-05.dwg			
PLOT DATE: June 4, 2021 1:57:31 PM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**BENCHMARK**  
A COLORADO SPRINGS UTILITIES (FIMS) MONUMENT DESIGNATED "F-69" BEING A FOUND 3-1/4" ALUMINUM CAP IN A RANGE BOX, LOCATED ONE THE WEST SIDE OF BLACK FOREST ROAD, JUST SOUTH OF THE SCHMIDT CONSTRUCTION COMPANY DRIVEWAY. THE VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 29), 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT. 6975.62 U.S. SURVEY FEET.

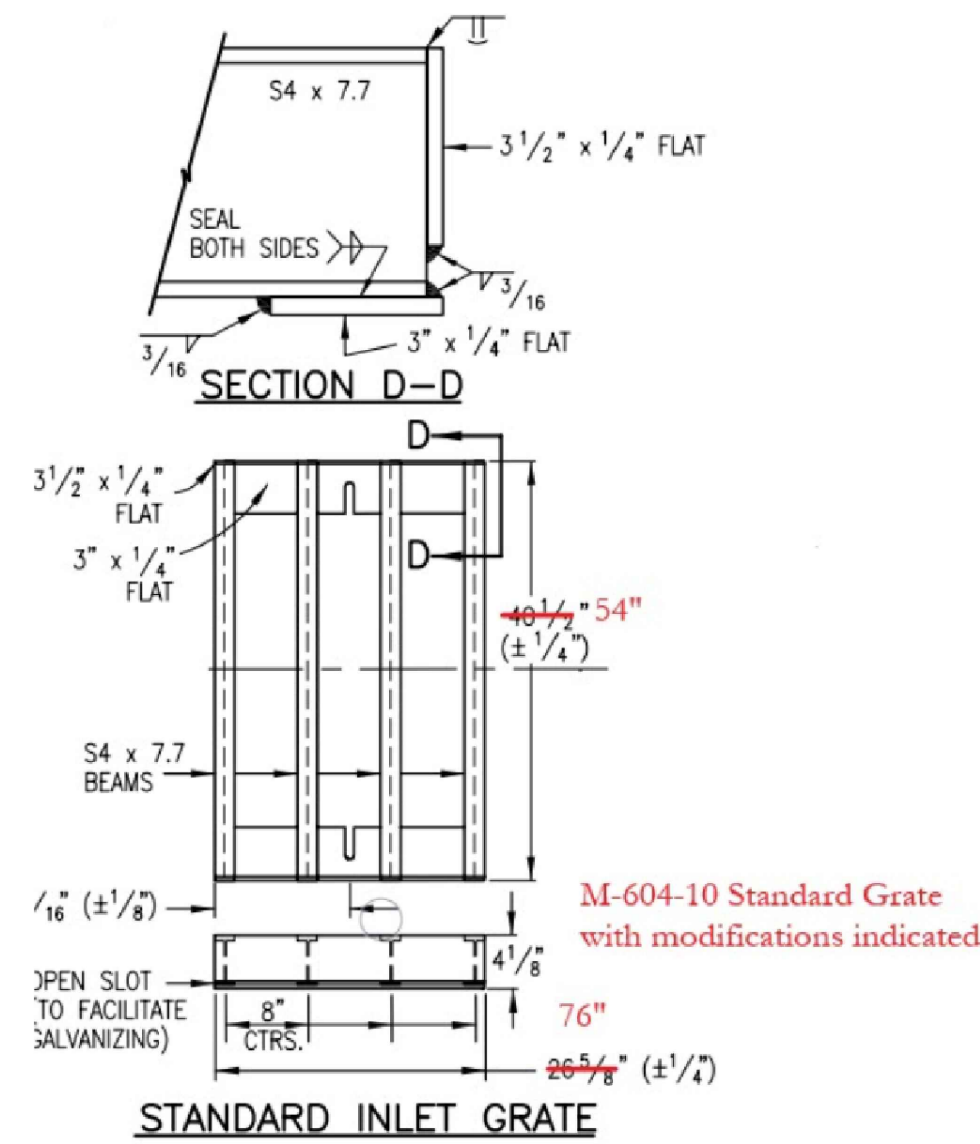
**BASIS OF BEARING**  
THE BASIS OF BEARINGS FOR THIS MAP IS THE WEST LINE OF SHILOH MESA FILING NO. 2, ACCORDING TO THE OFFICIAL MAP, THEREOF RECORDED DECEMBER 7, 2016 IN THE OFFICE OF THE EL PASO COUNTY CLERK, AND RECORDERS OFFICE UNDER REC. NO. 218713874, MONUMENTED AT EACH END WITH A FOUND 5/8 INCH REBAR WITH 1-1/2 INCH ALUMINUM CAP STAMPED "PLS 30118 CCES", HAVING AN ASSUMED BEARING OF NORTH 31°25'00" WEST 224.08'.



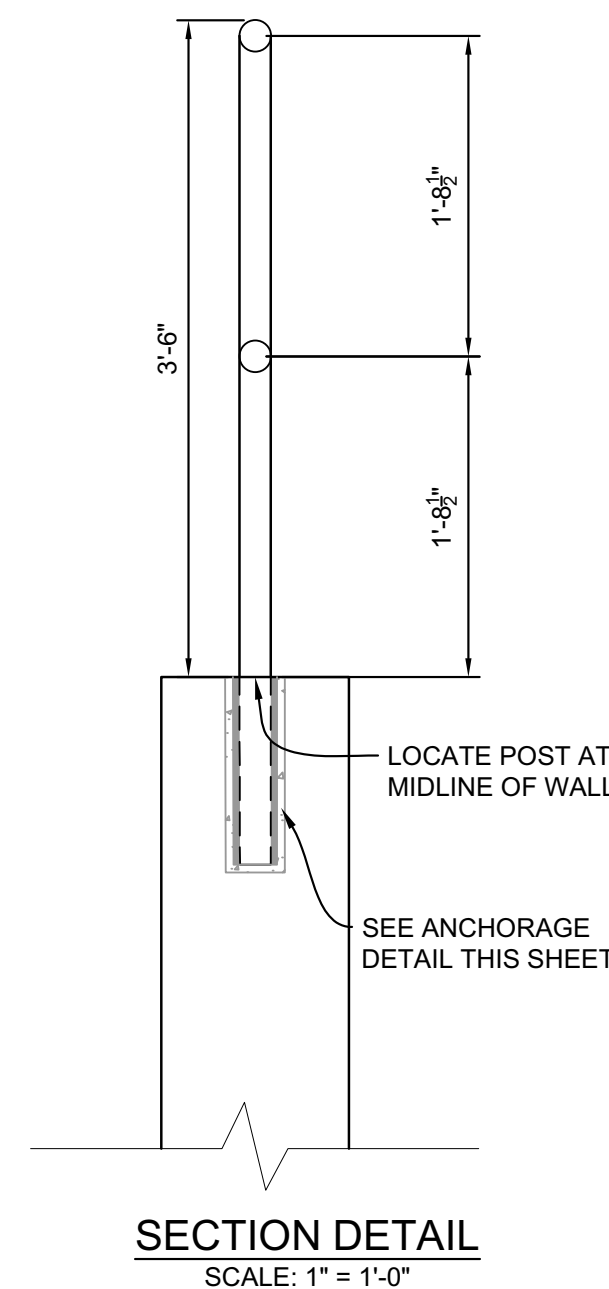
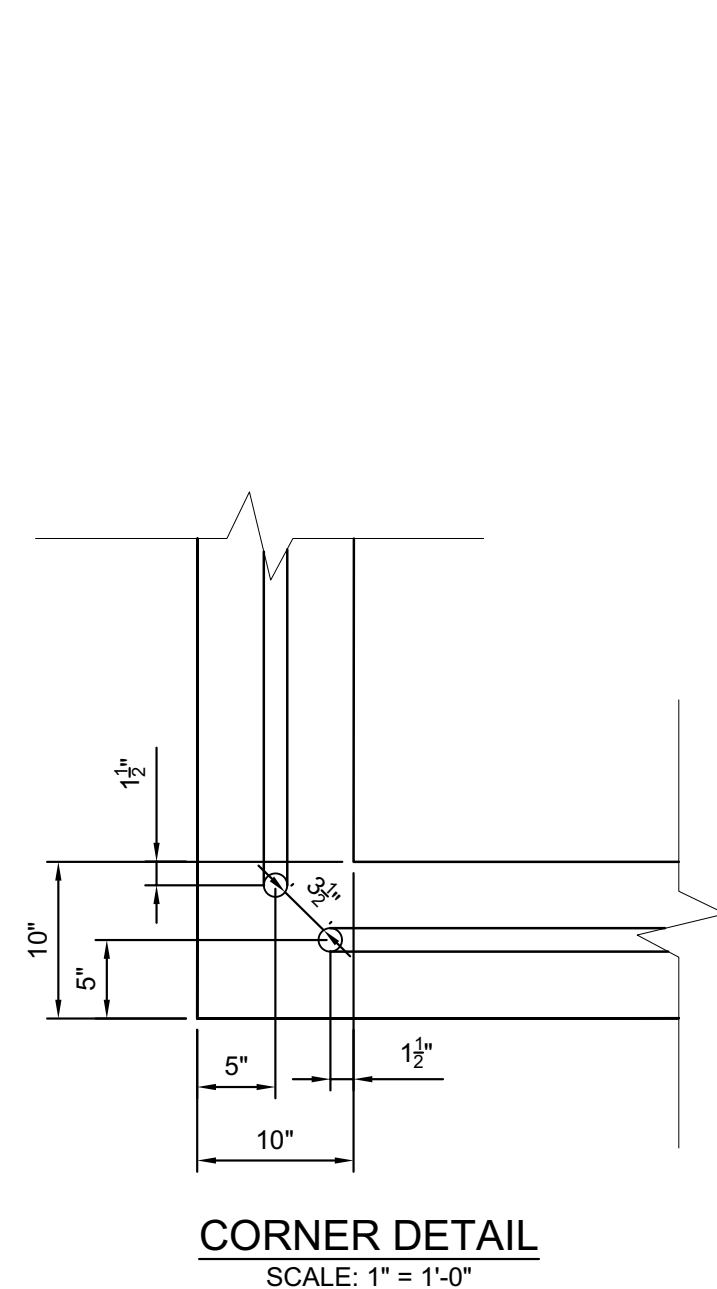
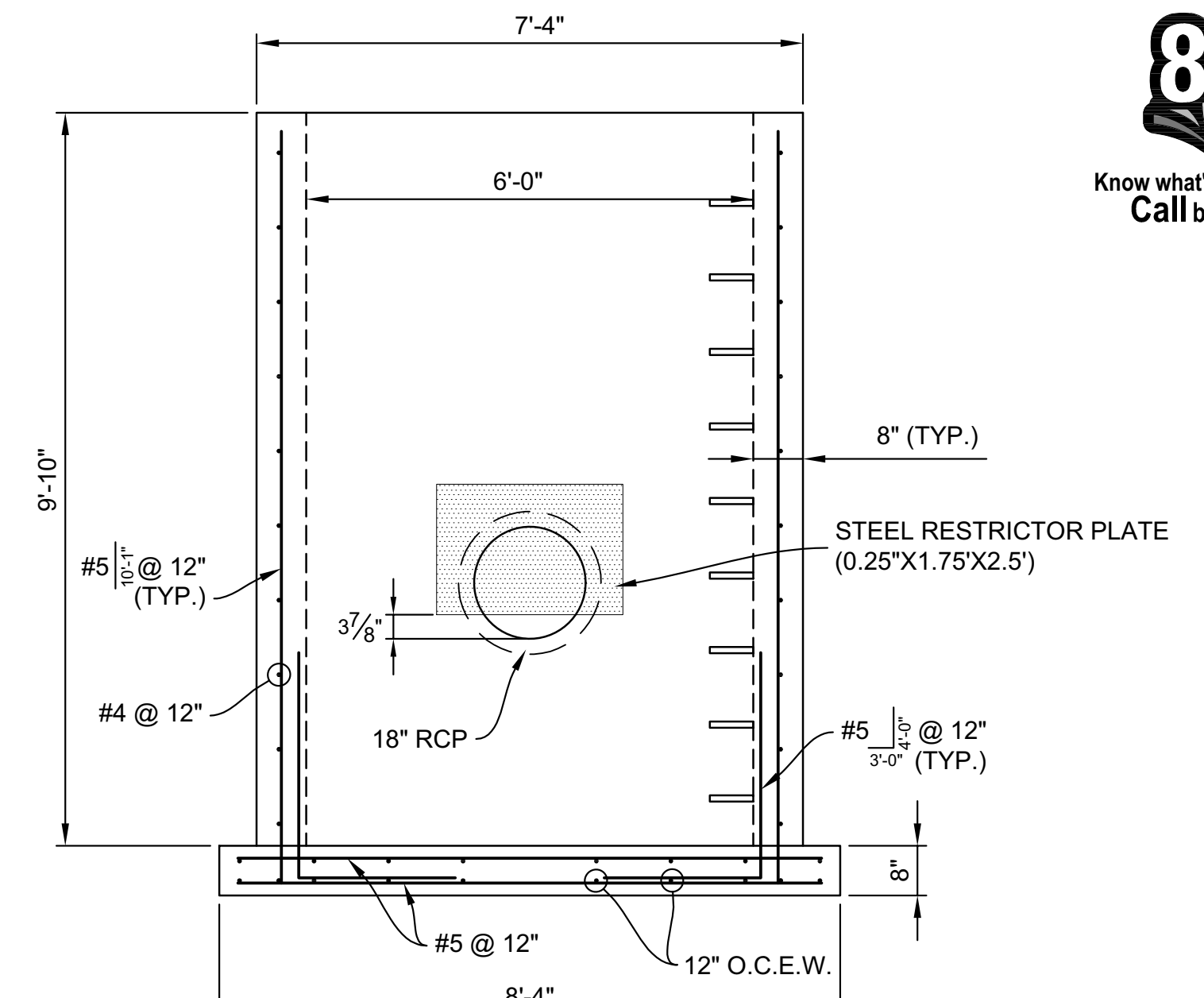
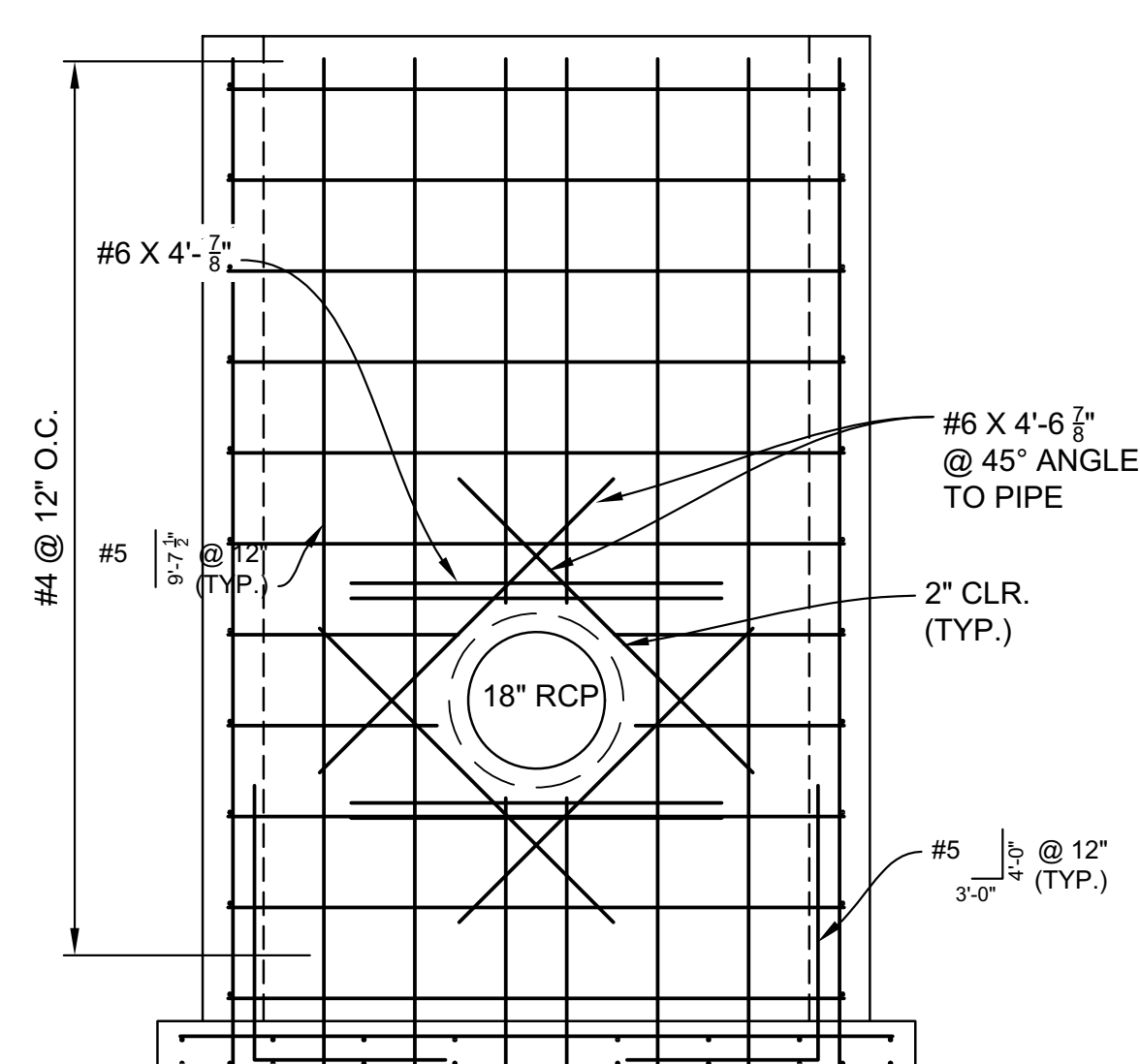
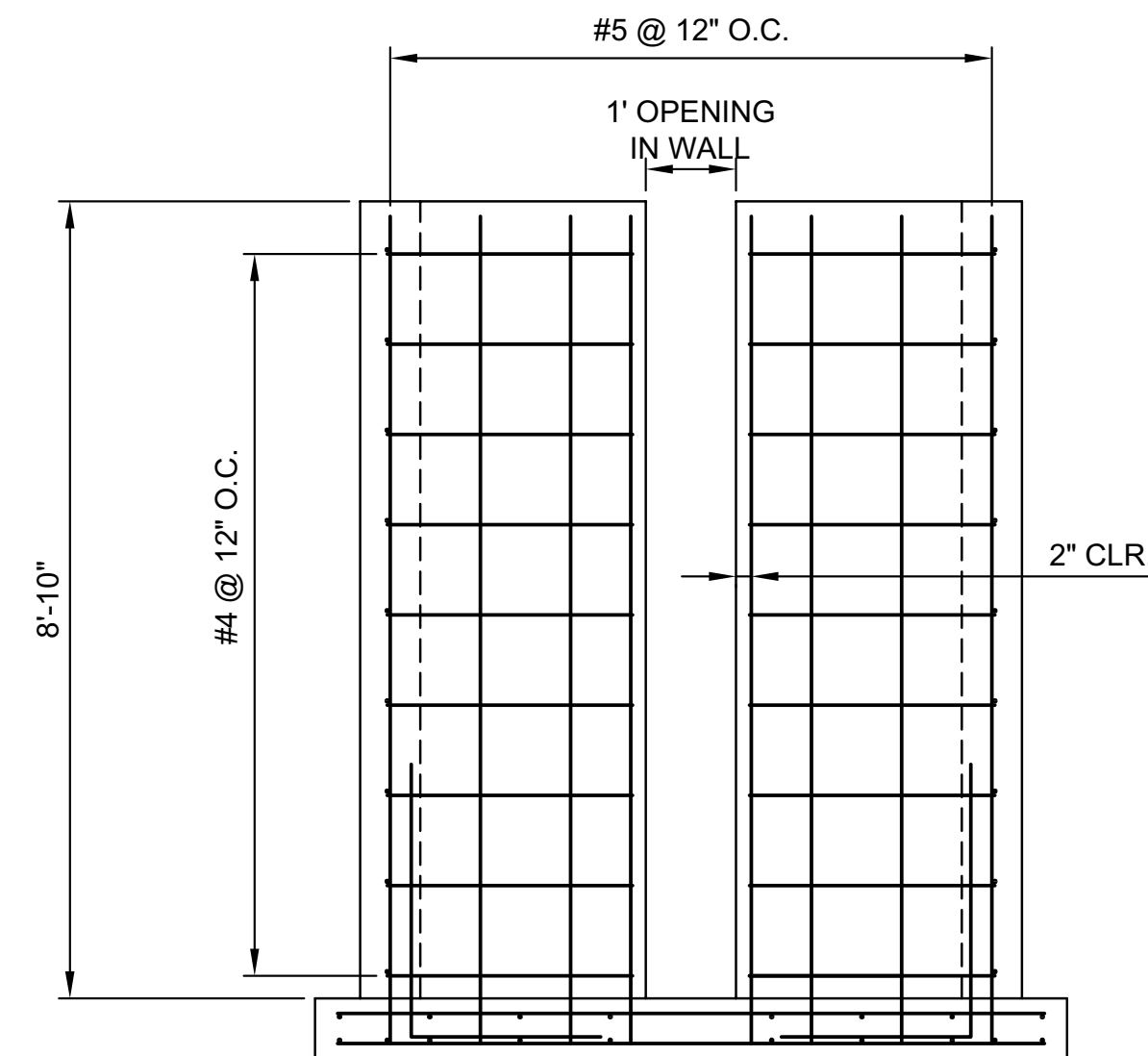
<b>ASPEN MEADOWS</b>			
CITY OF COLORADO SPRINGS PRIVATE POND PLAN & DETAILS			
<b>POND 1 DETAILS</b>			
DESIGNED BY:	WME	SCALE:	DATE ISSUED:
DRAWN BY:	WME	HORIZ 1"=30'	JUNE, 2021
CHECKED BY:	JAO	VERT. VARIES	SHEET 5 OF 8
			DRAWING No. DF03



Know what's below.  
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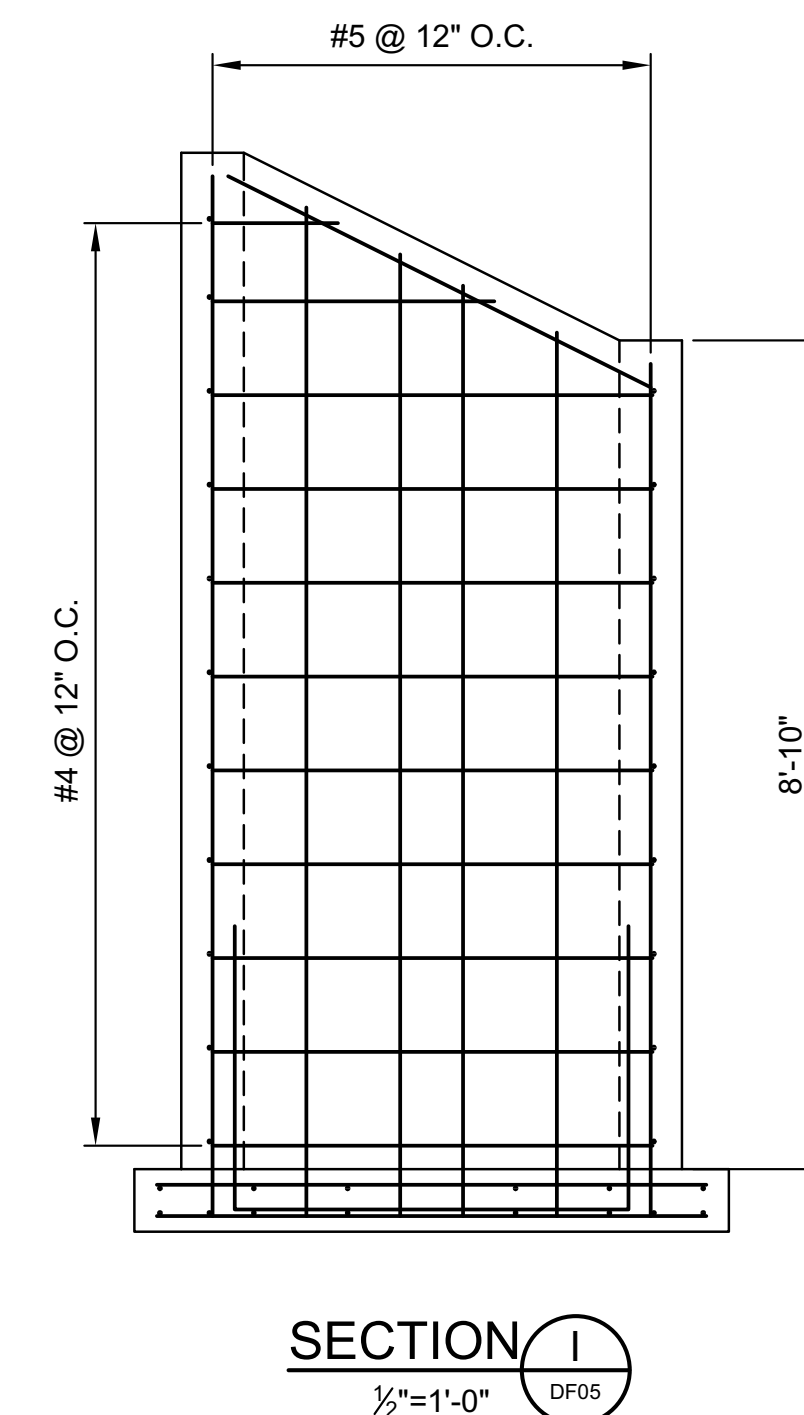
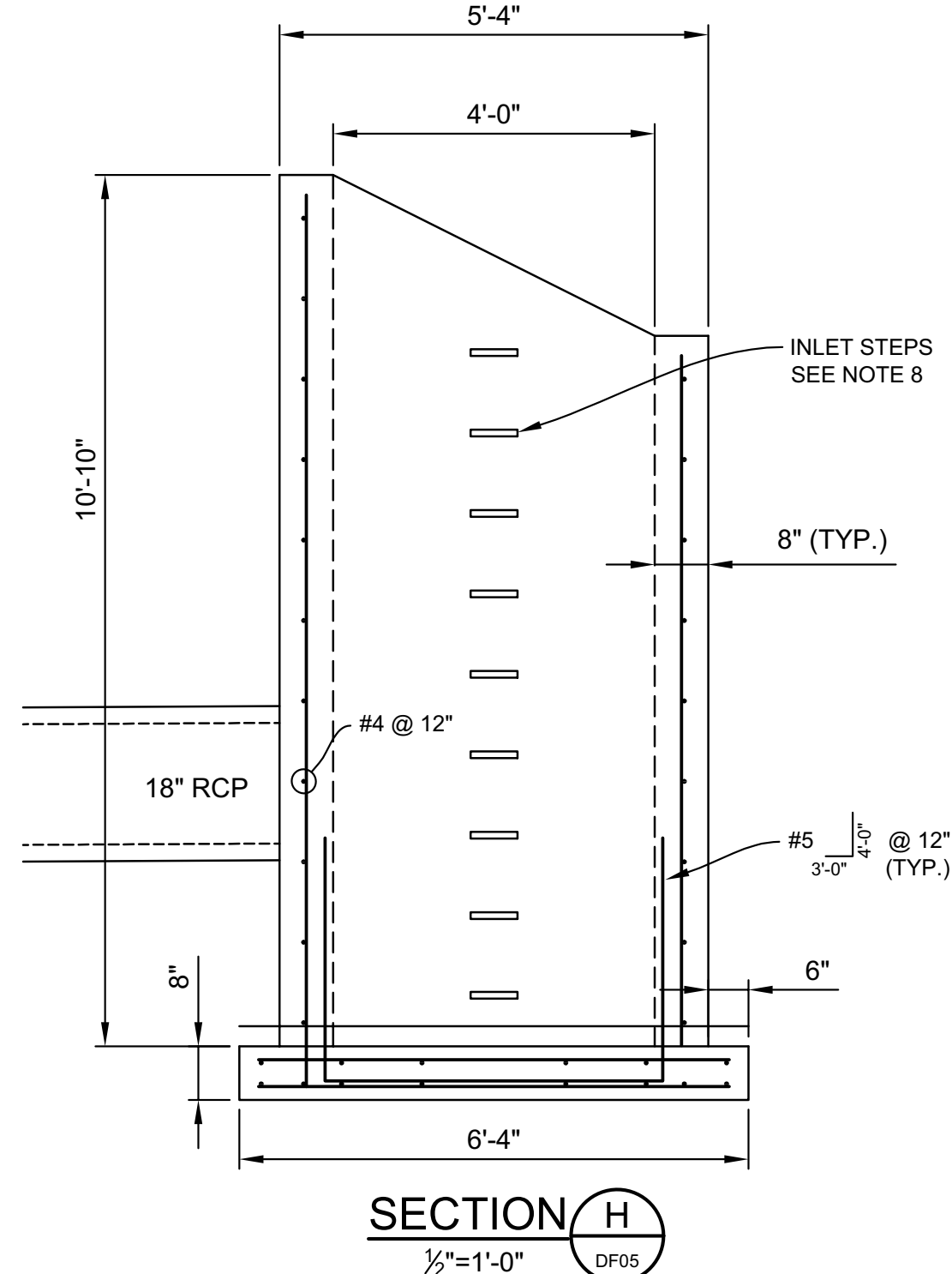
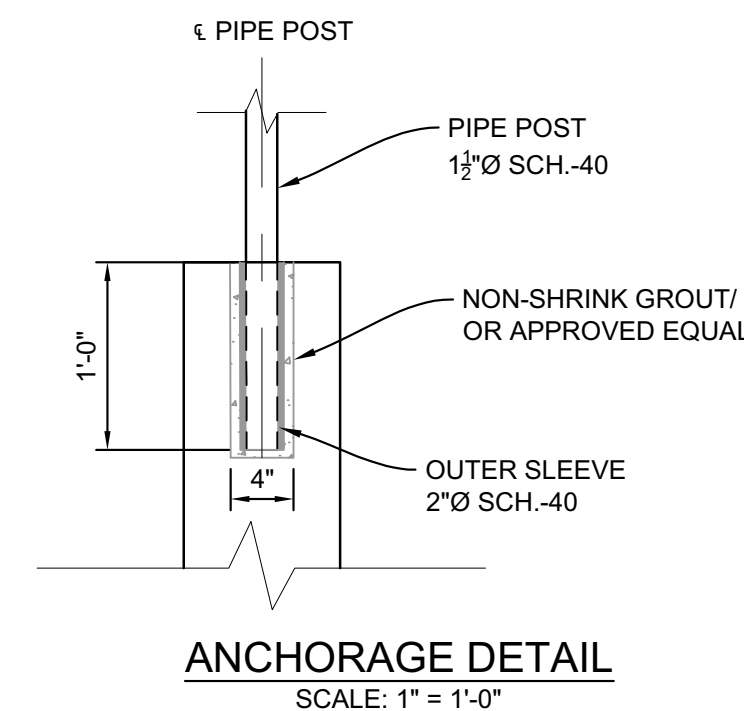


\*CONTRACTOR TO CONFIRM DIMENSIONS PRIOR TO FABRICATION



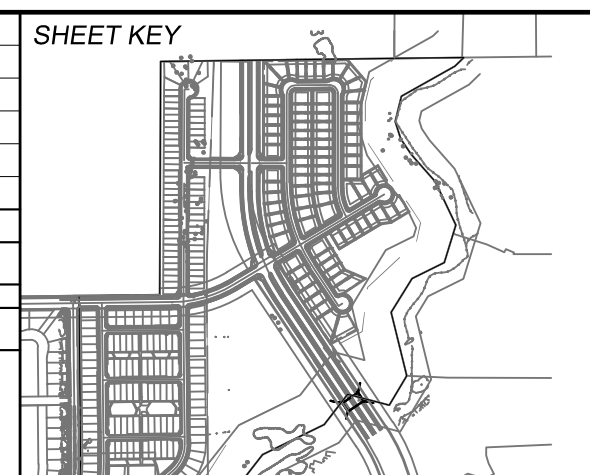
**SAFETY RAILING DETAILS**

- RAILING NOTES:**
1. ALL PIPE IS 1 1/2" Ø HOT-DIPPED GALV. SCH 40 STEEL PIPE.
  2. DIMENSIONS SHOWN ARE FROM CENTER OF PIPE UNLESS OTHERWISE NOTED.
  3. RAILING SHALL BE PLACED AT ALL LOCATIONS WHERE FALL HEIGHT IS GREATER THAN 30".



- NOTES:**
1. ALL CONCRETE SHALL BE CDOT CLASS D; Fc= 4500 psi
  2. ALL REINFORCING STEEL SHALL BE Fy: 60 ksi
  3. CONCRETE COVER FOR STEEL REINFORCING BARS SHALL BE AS FOLLOWS:  
CONCRETE PLACED AGAINST EARTH..... 3"  
CONCRETE EXPOSED TO EARTH OR WEATHER..... 2"
  4. ALL EXPOSED CONCRETE CORNERS SHALL HAVE A MINIMUM 3/8" CHAMFER.
  5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AS RELATED TO SHORING AND PROTECTION OF NEW AND EXISTING STRUCTURES AS NECESSARY TO PREVENT DAMAGE OR COLLAPSE DUE TO WIND, EARTH, CONSTRUCTION OR OTHER LOADS.
  6. STRUCTURE EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH CDOT STANDARD PLAN M-206-1.
  7. ALL BEDDING SHALL BE A MINIMUM OF 12" THICK CDOT CLASS 6 COMPACTED TO NOT LESS THAN 95% MAXIMUM DENSITY DETERMINED IN CONFORMANCE WITH AASHTO T 180.
  8. INLET STEPS SHALL BE ALUMINUM & CONFORM TO CITY OF COLORADO SPRINGS STANDARD DETAIL D-20D

REFERENCE DRAWINGS		SHEET KEY	
No.	DATE	DESCRIPTION	BY
<b>COMPUTER FILE MANAGEMENT</b>			
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**BENCHMARK**  
A COLORADO SPRINGS UTILITIES (FIMS) MONUMENT DESIGNATED "F-69" BEING A FOUND 3-1/4" ALUMINUM CAP IN A RANGE BOX, LOCATED ONE THE WEST SIDE OF BLACK FOREST ROAD, JUST SOUTH OF THE SCHMIDT CONSTRUCTION COMPANY DRIVEWAY. THE VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 29), 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT.  
6975.62 U.S. SURVEY FEET.

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PREPARED BY:

SEAL  

 FOR AND ON BEHALF OF  
 MATRIX DESIGN GROUP, INC.  
 PROJECT No. 17.884.004

**ASPEN MEADOWS**  
 CITY OF COLORADO SPRINGS  
 PRIVATE POND PLAN & DETAILS

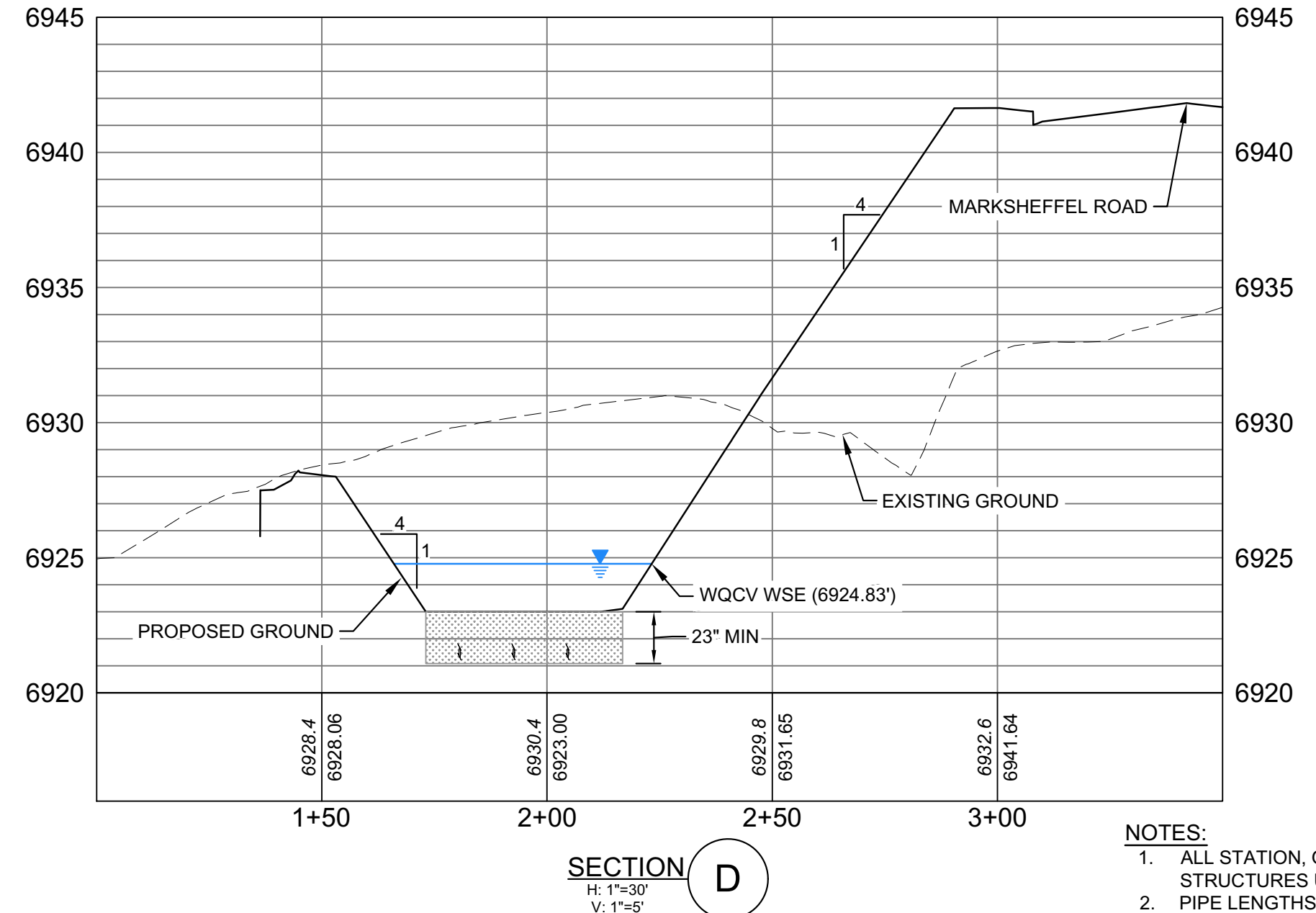
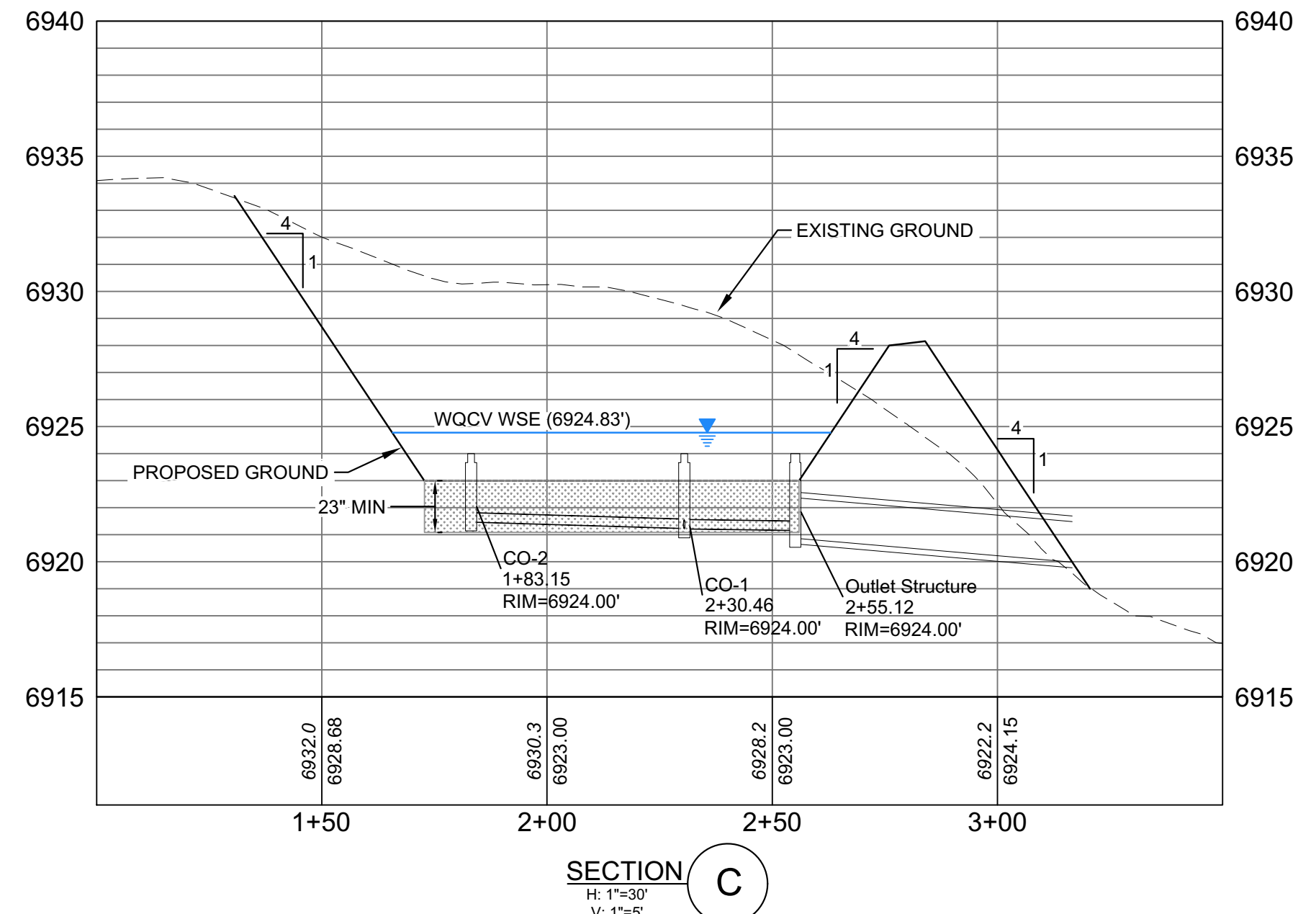
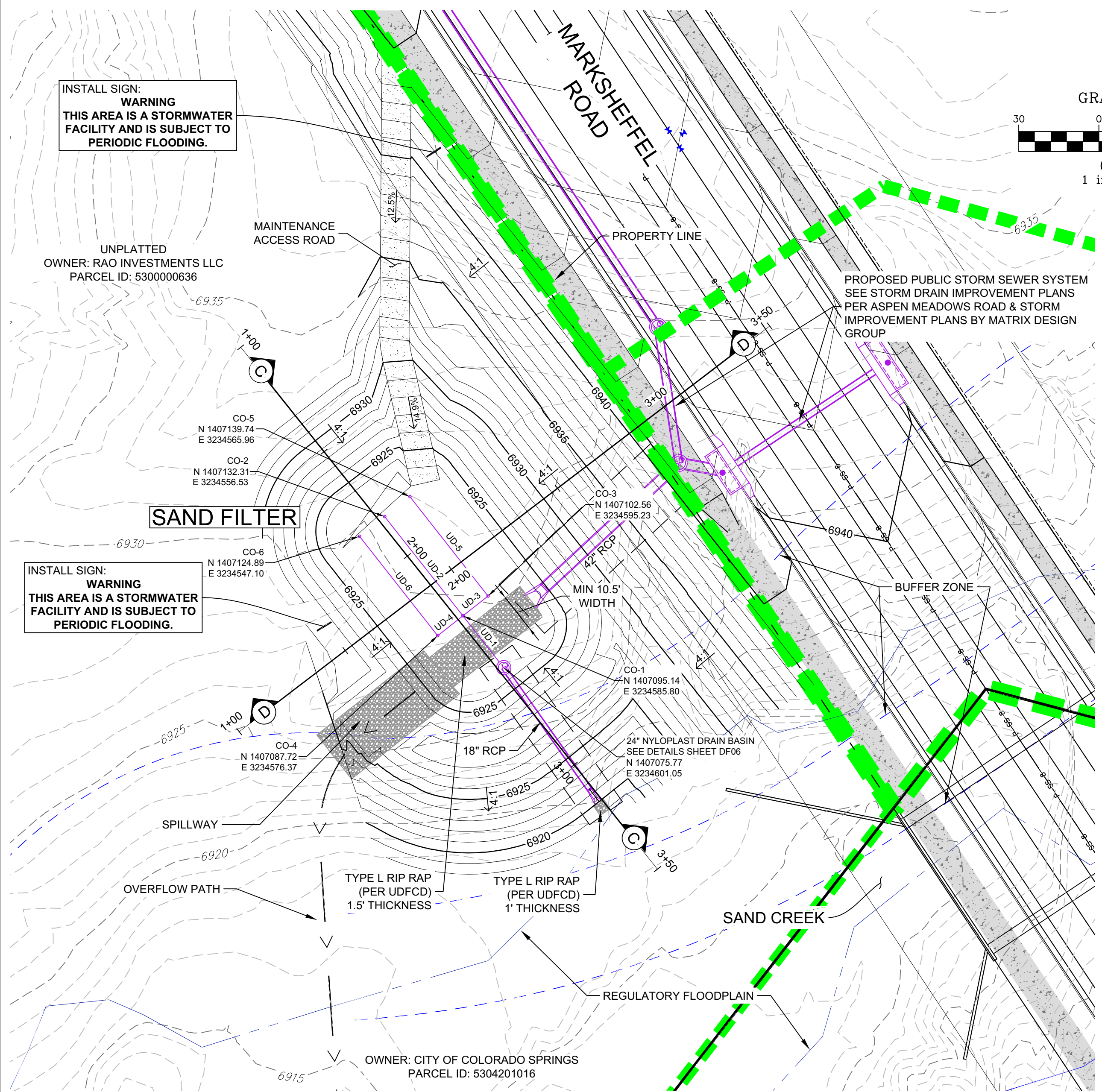
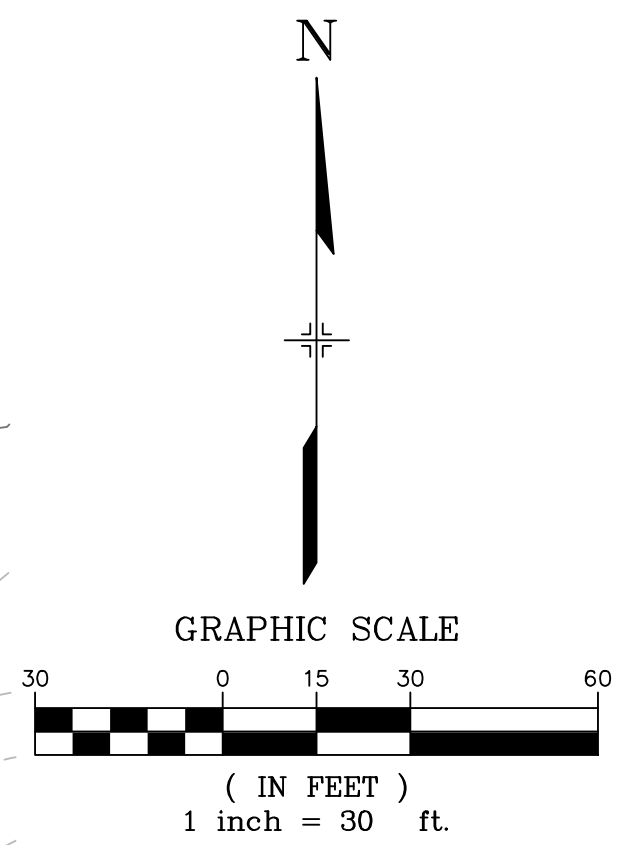
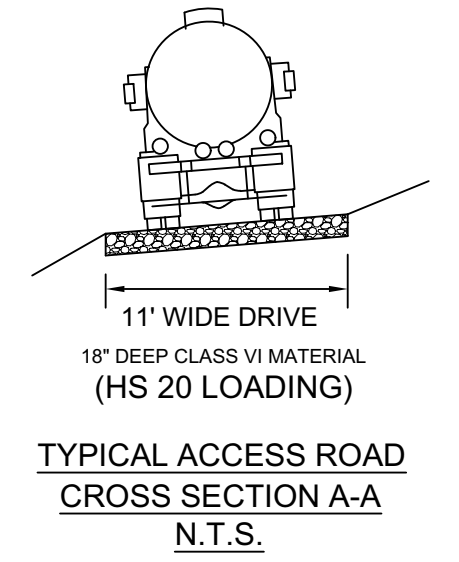
**POND 1 DETAILS**

DESIGNED BY: WME	SCALE: HORIZ VERT.	DATE ISSUED: JUNE, 2021	DRAWING No. DF04
DRAWN BY: WME	VARIABLES: VARIES	SHEET: 6 OF 8	
CHECKED BY: JAO			

JJJ  
06/25/2021



Know what's below.  
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Structure Table	
Structure Name	Structure Details
CO-1	RIM = 6924.000 SUMP = 6921.219 UD-2 INV IN = 6921.240 UD-3 INV IN = 6921.220 UD-4 INV IN = 6921.220 UD-1 INV OUT = 6921.219
CO-2	RIM = 6924.000 SUMP = 6921.477 UD-2 INV OUT = 6921.477
CO-3	RIM = 6923.000 SUMP = 6921.240 UD-5 INV IN = 6921.240 UD-3 INV OUT = 6921.244
CO-4	RIM = 6923.000 SUMP = 6921.240 UD-6 INV IN = 6921.240 UD-4 INV OUT = 6921.244
CO-5	RIM = 6923.000 SUMP = 6921.477 UD-5 INV OUT = 6921.477
CO-6	RIM = 6923.000 SUMP = 6921.477 UD-6 INV OUT = 6921.477
Outlet Structure	RIM = 6924.000 SUMP = 6920.870 UD-1 INV IN = 6921.170 18 RCP INV OUT = 6920.870

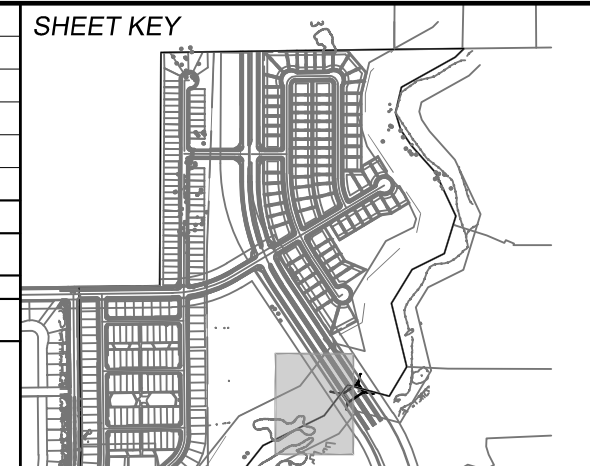
Pipe Table				
Pipe Name	Size	Bearing	Length	Slope
18 RCP	18"	N35°27'06"W	61.57	1.43%
UD-1	4"	N38°12'53"W	24.66	0.20%
UD-2	4"	N38°12'53"W	47.31	0.50%
UD-3	4"	N51°47'07"E	12.00	0.20%
UD-5	4"	N38°12'53"W	47.31	0.50%
UD-4	4"	S51°47'07"W	12.00	0.20%
UD-6	4"	N38°12'53"W	47.31	0.50%

- NOTES:
- ALL STATION, OFFSET AND NORTHING/EASTING VALUES ARE TO THE CENTER OF ALL STRUCTURES UNLESS OTHERWISE NOTED.
  - PIPE LENGTHS ARE MEASURED FROM THE OUTSIDE FACE OF ALL STRUCTURES.
  - ALL PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED.
  - ALL PIPE BEND ANGLES ARE MEASURED FROM THE CENTER OF PIPE.
  - CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING STRUCTURES.
  - REFER TO LANDSCAPE PLAN OR GRADING EROSION CONTROL FOR FINAL LANDSCAPE AND FINAL STABILIZATION.
  - SPECIFIC LOCATION OF WARNING SIGNS TO BE COORDINATED WITH SWENT INSPECTOR AT TIME OF INSTALLATION.
  - ALL STORM SEWER IS CONSIDERED PUBLIC UNLESS OTHERWISE NOTED.

J99  
06/25/2021

SAND FILTER NOTES:  
1. SAND FILTER PIPES TO BE 4" SLOTTED PVC PIPE WITH 0.50% MINIMUM SLOPE DRAINING TOWARD THE OUTLET STRUCTURE.  
2. MAXIMUM SPACING OF 10 FT  
3. INSTALL CLEANOUTS AT BENDS, JUNCTIONS, AND ENDS. EXTEND CLEANOUT TO 1 FT ABOVE FINAL GRADE.

No.	DATE	DESCRIPTION	BY
COMPUTER FILE MANAGEMENT			
FILE NAME: S:\21.886.036 Aspen Meadows Filing 1\100 Dwg\103 Plan Sets\CD\Pond Plans\DF01-02.dwg			
CTB FILE: ---			
PLOT DATE: June 4, 2021 2:00:46 PM			
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A COLORADO SPRINGS UTILITIES (FIMS) MONUMENT DESIGNATED "F-69" BEING A FOUND 3-1/4" ALUMINUM CAP IN A RANGE BOX, LOCATED ONE THE WEST SIDE OF BLACK FOREST ROAD, JUST SOUTH OF THE SCHMIDT CONSTRUCTION COMPANY DRIVEWAY. THE VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 29), 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT. 6975.62 U.S. SURVEY FEET.

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PREPARED BY:  
**Matrix**

SEAL  
COLORADO LICENSED PROFESSIONAL ENGINEER  
59265  
05/14/2021

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 17.884.004

**ASPEN MEADOWS**  
CITY OF COLORADO SPRINGS  
PRIVATE POND PLAN & DETAILS

**SAND FILTER LAYOUT & SECTIONS**

DESIGNED BY: WME  
DRAWN BY: WME  
CHECKED BY: JAO

SCALE  
HORIZ N/A  
VERT. N/A

DATE ISSUED: JUNE, 2021  
SHEET 7 OF 8

DRAWING No. DF05



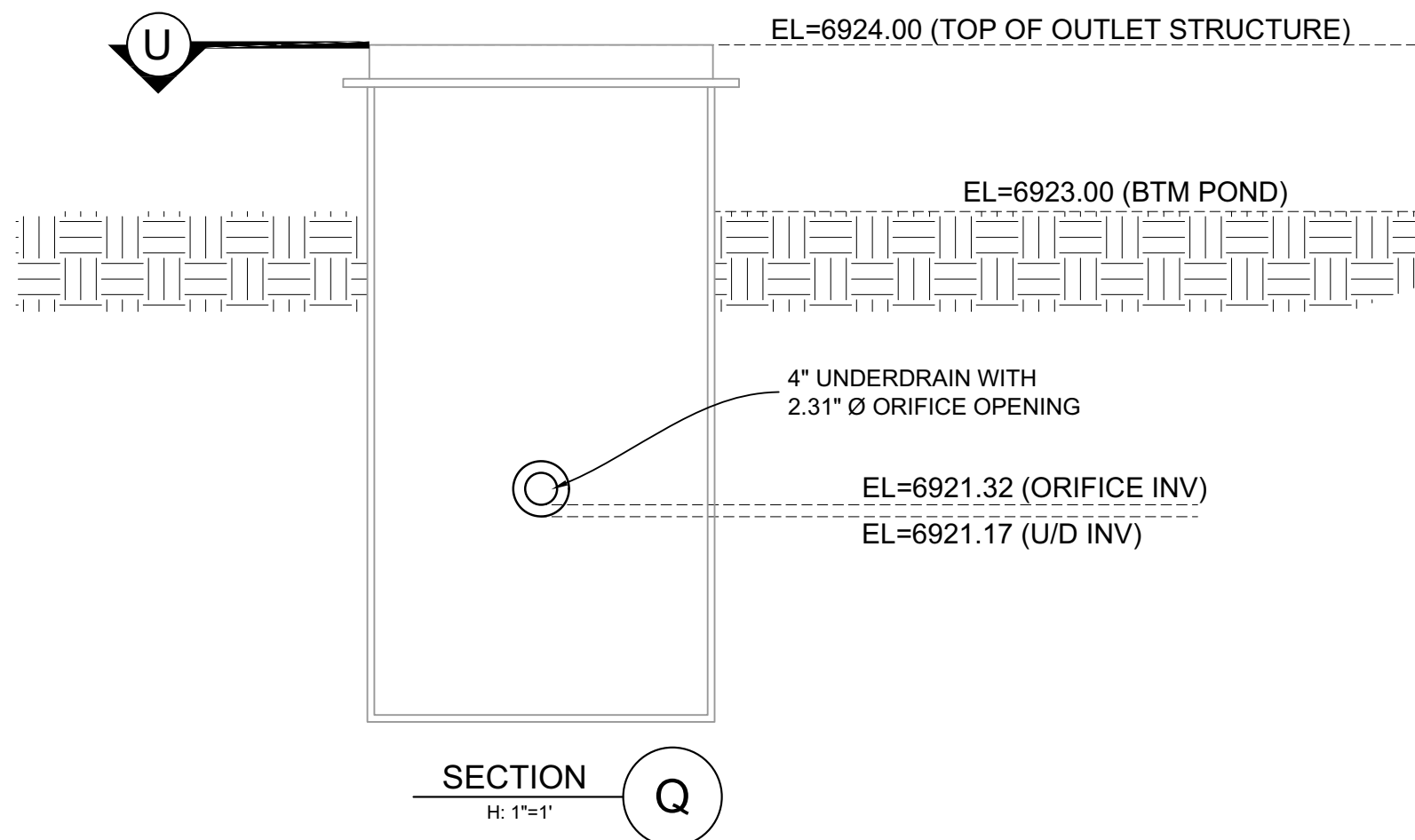
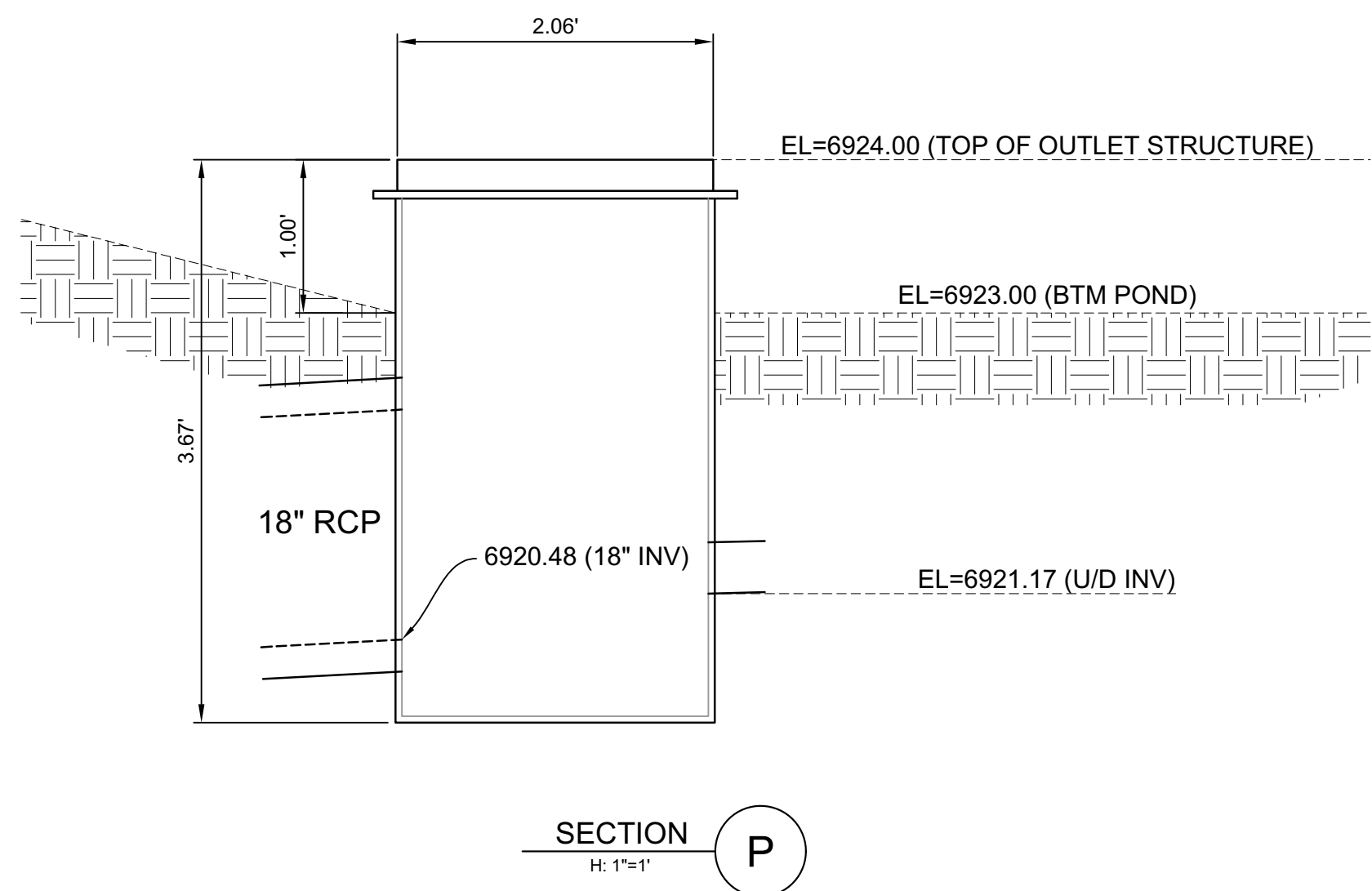
Know what's below.  
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**Table SF-1. Gradation Specifications for CDOT Class C Filter Material**  
(Source: CDOT Table 703-7)

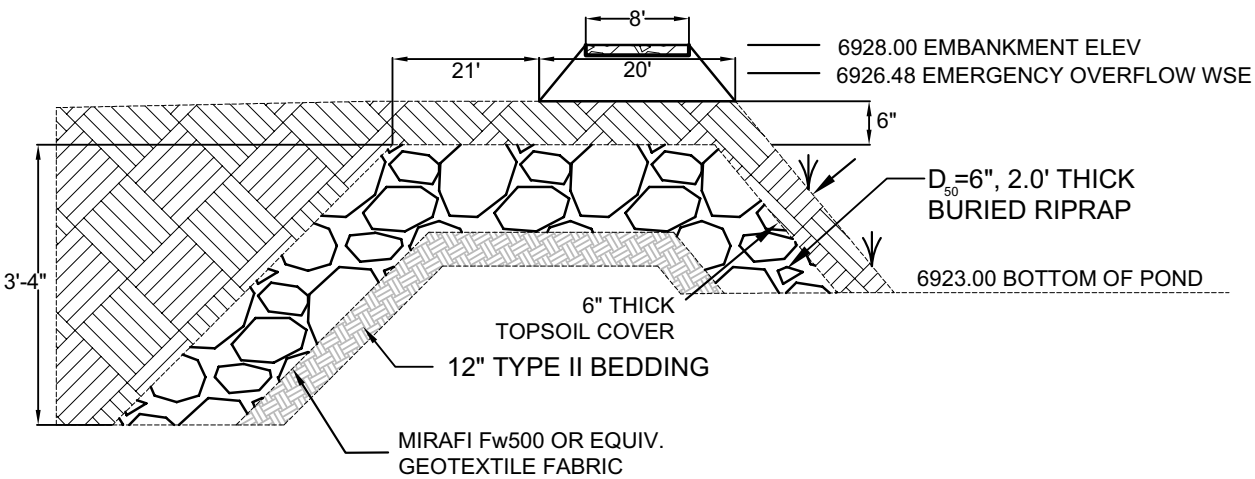
Sieve Size	Mass Percent Passing Square Mesh Sieves
19.0 mm (3/4")	100
4.75 mm (No. 4)	60 - 100
300 µm (No. 50)	10 - 30
150 µm (No. 100)	0 - 10
75 µm (No. 200)	0 - 3

**Table SF-2. Dimensions for Slotted Pipe**

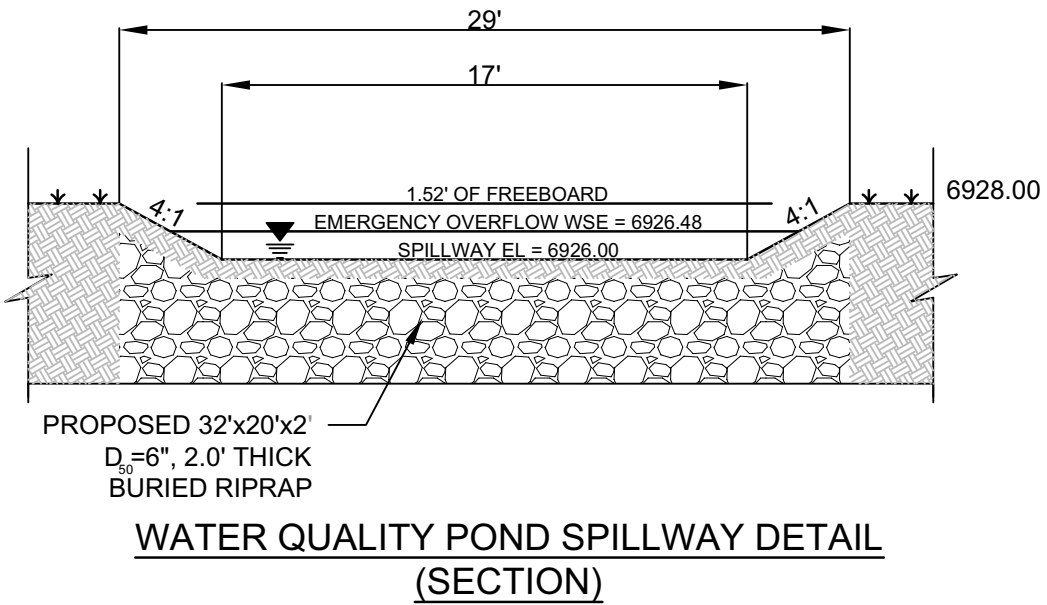
Pipe Size	Slot Length <sup>1</sup>	Maximum Slot Width	Slot Centers <sup>1</sup>	Open Area <sup>1</sup> (per foot)
4"	1-1/16"	0.032"	0.413"	1.90 in <sup>2</sup>
6"	1-3/8"	0.032"	0.516"	1.98 in <sup>2</sup>



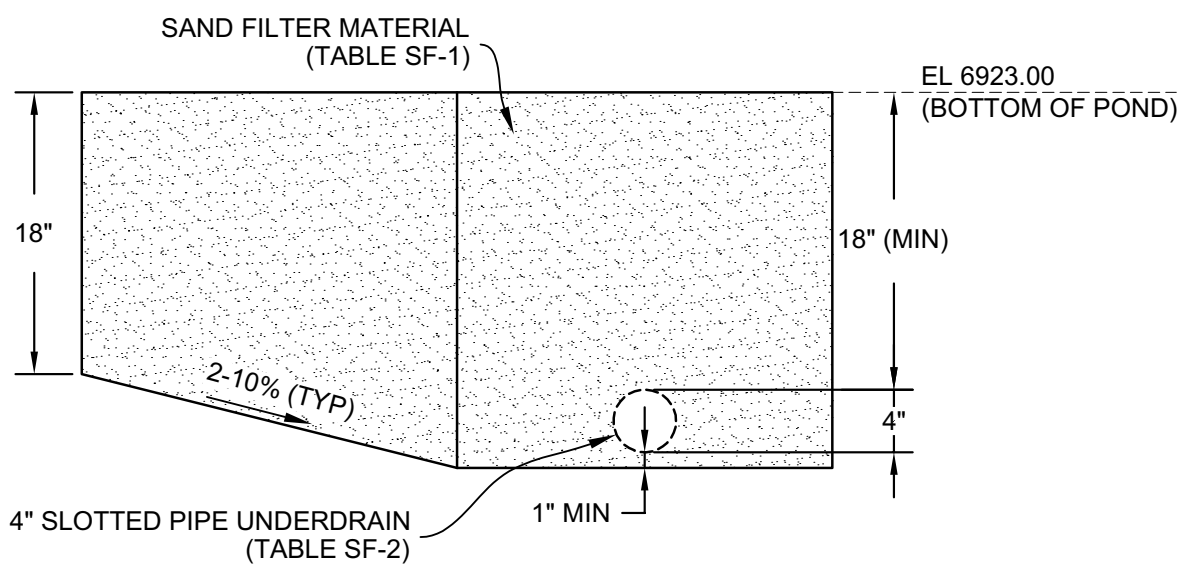
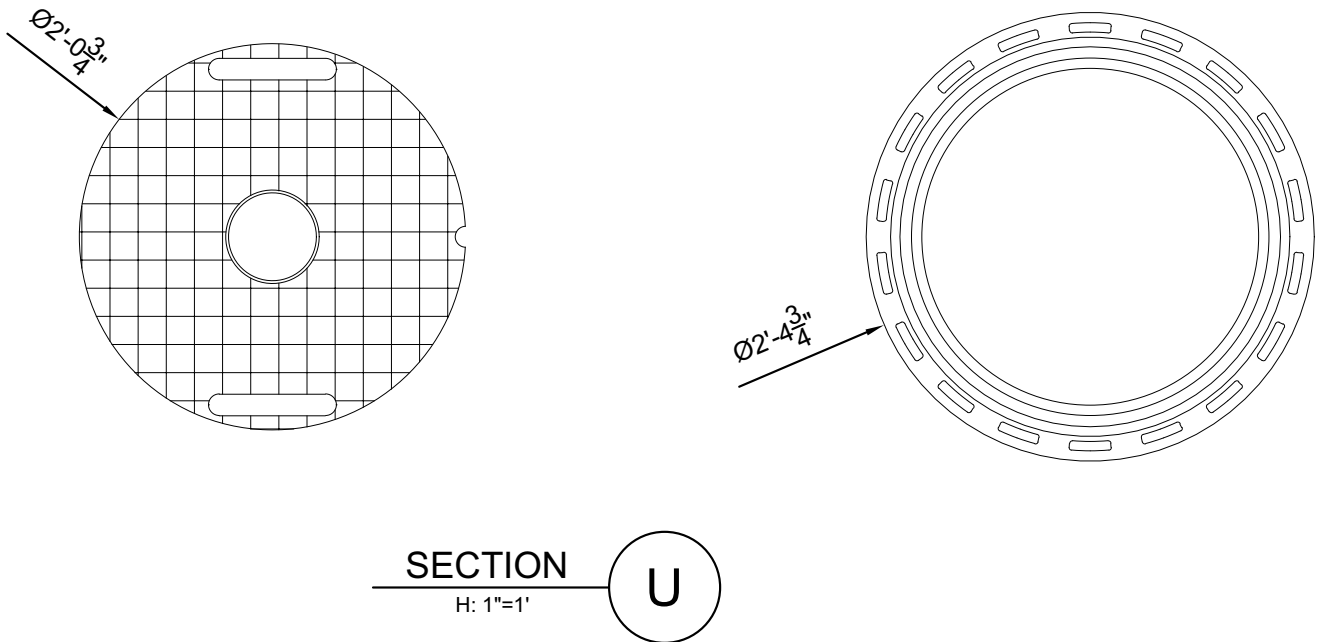
**NYLOPLAST DRAIN BASIN DETAIL**  
SCALE: 1" = 1'



**WATER QUALITY POND SPILLWAY DETAIL (PROFILE)**  
NTS



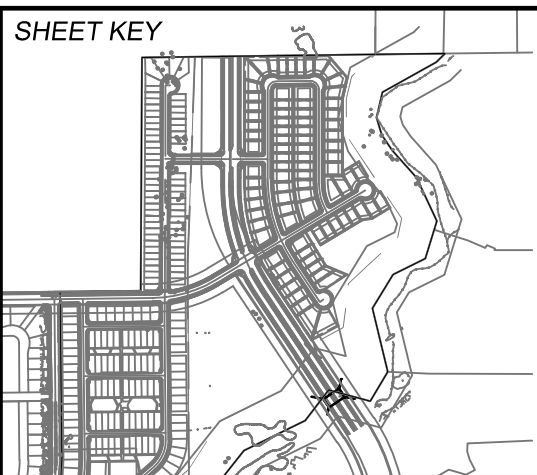
**WATER QUALITY POND SPILLWAY DETAIL (SECTION)**



J99

06/25/2021

No.	DATE	DESCRIPTION	BY
<b>COMPUTER FILE MANAGEMENT</b>			
FILE NAME: S:\21.886.036 Aspen Meadows Filing 1100 Dwg\103 Plan Sets\CD\Pond Plans\DF03-05.dwg			
CTB FILE: ---			
PLOT DATE: June 4, 2021 2:02:57 PM			
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.			



**BENCHMARK**  
A COLORADO SPRINGS UTILITIES (FIMS) MONUMENT DESIGNATED "F-69" BEING A FOUND 3-1/4" ALUMINUM CAP IN A RANGE BOX, LOCATED ON THE WEST SIDE OF BLACK FOREST ROAD, JUST SOUTH OF THE SCHMIDT CONSTRUCTION COMPANY DRIVEWAY. THE VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 29), 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT. 6975.62 U.S. SURVEY FEET.

**BASIS OF BEARING**  
THE BASIS OF BEARINGS FOR THIS MAP IS THE WEST LINE OF SHILOH MESA FILING NO. 2, ACCORDING TO THE OFFICIAL MAP, THEREOF RECORDED DECEMBER 7, 2016 IN THE OFFICE OF THE EL PASO COUNTY CLERK, AND REORDERS OFFICE UNDER REC. NO. 216713874, MONUMENTED AT EACH END WITH A FOUND 5/8 INCH REBAR WITH 1-1/2 INCH ALUMINUM CAP STAMPED "PLS 30118 CCES", HAVING AN ASSUMED BEARING OF NORTH 31°25'00" WEST 224.08'.

PREPARED BY:  
**Matrix**

SEAL  
COLORADO LICENSED PROFESSIONAL ENGINEER  
59265  
05/14/2021  
FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.  
PROJECT No. 17.884.004

**ASPEN MEADOWS**  
CITY OF COLORADO SPRINGS  
PRIVATE POND PLAN & DETAILS  
**SAND FILTER POND DETAILS**

DESIGNED BY: WME SCALE: DATE ISSUED: JUNE, 2021 DRAWING No.  
DRAWN BY: WME HORIZ 1"=10' SHEET 8 OF 8 DF06  
CHECKED BY: JAO VERT VARIES