

UTE VALLEY PARK TRAILHEAD

CITY OF COLORADO SPRINGS

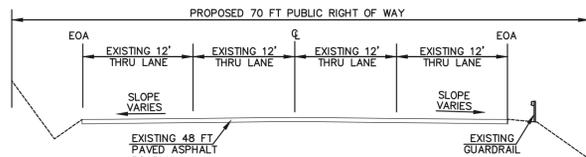
PUBLIC STREET IMPROVEMENT PLANS

W/ TRAILHEAD ACCESS & PRIVATE ACCESS

10/01/15

GENERAL NOTES

- ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH THE CITY OF COLORADO SPRINGS, DEPARTMENT OF PUBLIC WORKS, SUBDIVISION POLICY MANUAL AND STANDARD SPECIFICATIONS, AS WELL AS THE CITY OF COLORADO SPRINGS WASTEWATER DIVISION "RULES FOR THE INSTALLATION OF SEWER MAINS AND SERVICES".
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. 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 CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- CONCRETE USED IN CURB AND GUTTER, SIDEWALK, AND CROSSSPAN CONSTRUCTION WILL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
- ALL BACKFILL, SUB-BASE, AND/OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED PER THE SOILS ENGINEER'S RECOMMENDATIONS.
- ALL STATIONING IS CENTERLINE OF IMPROVEMENTS UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED AS TOP BACK OF CURB (TBC), ASPHALT (ASP), OR TOP OF INLET OR BOX (TOB).
- ALL CURB RETURNS AND 10' EITHER SIDE OF CURB RETURNS SHALL BE 8" VERTICAL CURB, CITY OF COLORADO SPRINGS TYPE I CURB WITH AN ADDITIONAL 10' OF TRANSITION TO 6" RAMP CURB. CITY OF COLORADO SPRINGS MODIFIED TYPE 5 CURB, UNLESS OTHERWISE INDICATED.
- PEDESTRIAN RAMPS SHALL BE INSTALLED AT INTERSECTIONS AS SHOWN AND CONFORM TO THE CITY OF COLORADO SPRINGS, DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS (SEE DETAIL SHEET). NOTE: WIDTH OF PEDESTRIAN RAMPS MUST MATCH WIDTH OF SIDEWALK.
- IF A DISCREPANCY OCCURS BETWEEN THE CONSTRUCTION DOCUMENTS AND THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS, THE ENGINEER WILL BE NOTIFIED IMMEDIATELY FOR RESOLUTION.
- THE CONTRACTOR SHALL SECURE ALL APPLICABLE LICENSES AND PERMITS TO COMPLETE THE CONSTRUCTION IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
- CONTRACTOR TO OBTAIN COPIES OF THE SOILS REPORT FROM THE GEOTECHNICAL ENGINEER AND TO BE KEPT ON-SITE DURING ALL EARTHWORK OPERATIONS.



PROPOSED UTE VALLEY DRIVE - 70 FT ROW
NOT TO SCALE

CONCRETE/ CONCRETE REINFORCEMENT:

- ALL CAST IN PLACE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE YIELD STRENGTH OF 4,000 PSI UNLESS OTHERWISE NOTED. HIGHER COMPRESSIVE STRENGTH CONCRETE IS ACCEPTABLE TO ACHIEVE EARLY CONCRETE STRENGTH THAT MAY BE DEEMED NECESSARY TO MEET CONSTRUCTION SCHEDULING PRIORITIES.
- ALL CAST IN PLACE CONCRETE REINFORCEMENT SHALL HAVE A MINIMUM TENSILE YIELD STRENGTH OF 60,000 PSI UNLESS OTHERWISE NOTED, AND CONFORMANCE WITH CITY OF COLORADO SPRINGS SPECIFICATIONS, SECTION 603.
- CONCRETE TESTING SHALL BE IN CONFORMANCE WITH CITY OF COLORADO SPRINGS SPECIFICATIONS, SECTION 506.

STRIPING AND SIGNAGE GENERAL NOTES:

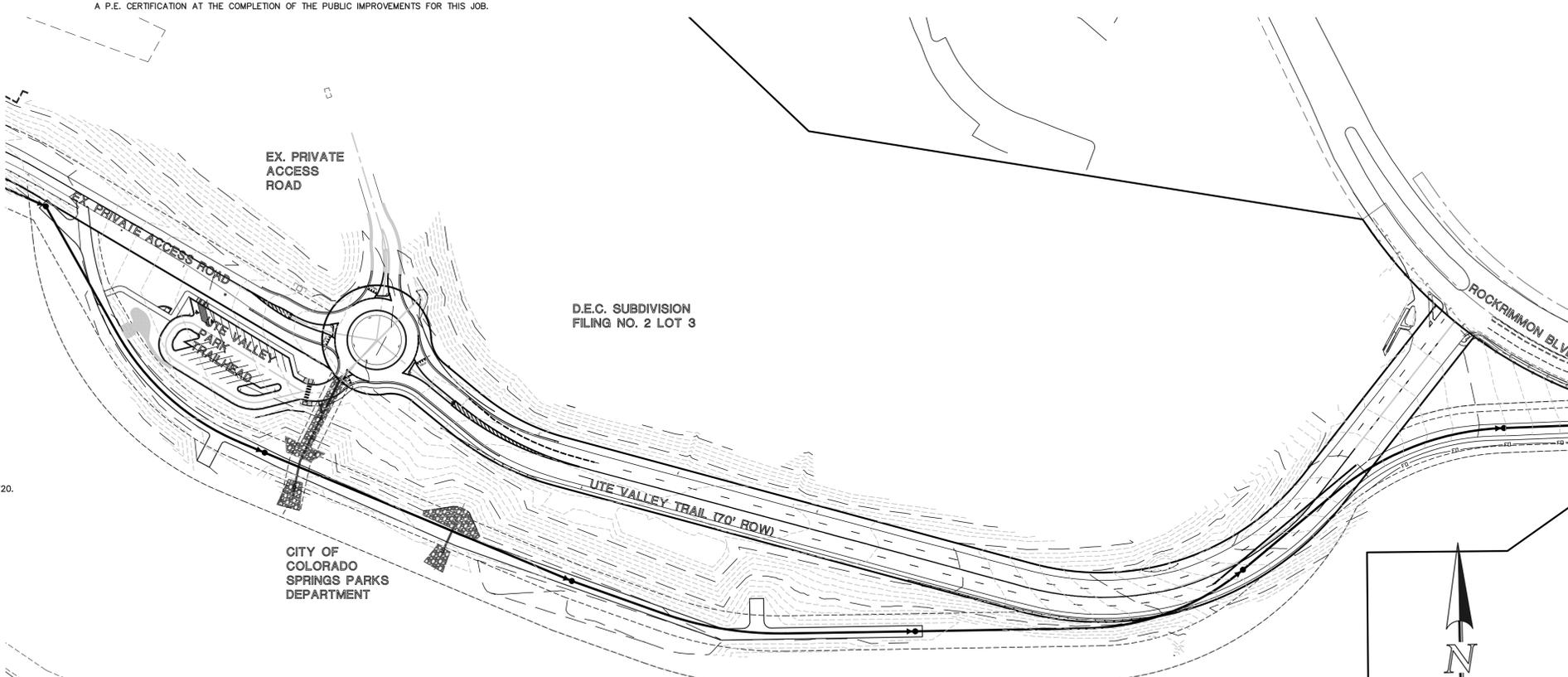
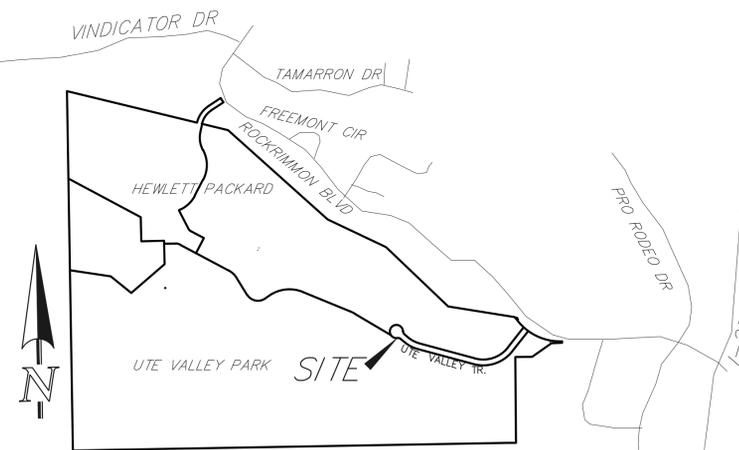
- INSTALLATION OF ALL STRIPING, SIGNS AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL OF EXISTING PAVEMENT MARKINGS (SCARRING OF PAVEMENT IS NOT PERMITTED). AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OVERLAYING OR CHIP SEALING ROADWAY, IF SCARRING OCCURS DURING REMOVAL OF EXISTING OR TEMPORARY PAVEMENT MARKINGS. THE CITY TRAFFIC ENGINEER WILL DETERMINE METHOD OF PAVEMENT REPAIR.
- ALL STRIPING AND SIGNING SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS AND THEIR SUPPLEMENTAL AMENDMENTS:
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)
CITY OF COLORADO SPRINGS SIGNS AND MARKINGS GUIDELINES
CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS
CITY OF COLORADO SPRINGS PUBLIC WORKS DESIGN MANUAL
- ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY TRAFFIC ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
- CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY HYDROBLASTING, SANDBLASTING AND/OR GRINDING. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- SIGN POSTS SHALL BE INSTALLED WITH A MINIMUM OF 1 3/4" X 10" SQUARE PERFORATED STEEL TUBING WITH SLEEVE PER CITY OF COLORADO SPRINGS STANDARD.
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM OF HIGH INTENSITY GRADE SHEETING.
- ANY DEVIATION FROM THE STRIPING AND SIGNING PLANS SHALL BE APPROVED BY THE ENGINEER OF WORK AND THE CITY TRAFFIC ENGINEER PRIOR TO ANY CHANGES BEING MADE IN THE FIELD.
- ALL SIGNS SHOWN ON THE STRIPING AND SIGNING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN.
- STRIPED CROSSWALKS SHALL HAVE AN INSIDE DIMENSION OF 10 FEET AND CONTINENTAL CROSSWALKS SHALL HAVE A MINIMUM WIDTH OF 9 FEET UNLESS INDICATED OTHERWISE.
- ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS (EXCEPT WITHIN BIKE LANES) SHALL BE A MINIMUM OF 90ML THICKNESS THERMOPLASTIC OR PREFORM PLASTIC TAPE.
- ALL LONGITUDINAL LINES SHALL BE A MINIMUM OF 15 MIL THICKNESS EPOXY.
- CONTRACTOR TO DELIVER ALL REMOVED SIGNS TO THE CITY OF COLORADO SPRINGS SIGNS/MARKINGS SHOP AT 404 FONTANERO STREET, (719) 385-6720.
- CONTRACTOR SHALL NOTIFY CITY TRAFFIC ENGINEER (719) 385-6720 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNAGE.

P.E. CERTIFICATION NOTES:

- FOR PUBLIC IMPROVEMENTS
- CONTRACTOR TO CONTACT DESIGN ENGINEER IMMEDIATELY IF CONSTRUCTION VARIES IN ANY WAY FROM THE PLANS.
 - CONTRACTOR TO NOTIFY ENGINEER PRIOR TO START OF JOB FOR PRE-CONSTRUCTION MEETING.
 - CONTRACTOR TO PROVIDE PROJECT SCHEDULE TO ENGINEER VERBALLY OR IN WRITING.
 - ADHERENCE TO THE ITEMS LISTED ABOVE FOR COORDINATION PURPOSES WILL HELP FACILITATE A P.E. CERTIFICATION AT THE COMPLETION OF THE PUBLIC IMPROVEMENTS FOR THIS JOB.

VICINITY MAP

N.T.S.



KEY MAP

SCALE: 1" = 100'

TRAFFIC ENGINEERING GENERAL NOTES:

- BEFORE EXCAVATING, CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING.
- APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
- THE APPROVAL OF THESE PLANS OR ISSUANCE OF A PERMIT BY THE CITY OF COLORADO SPRINGS DOES NOT AUTHORIZE THE SUBDIVIDER AND OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS OR POLICIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW, TEMPORARY AND EXISTING TRAFFIC SIGNS FROM THE START OF THE CONSTRUCTION PROJECT UNTIL ACCEPTANCE BY CITY TRAFFIC ENGINEERING.
- ALL TRAFFIC SIGNS, PAVEMENT MARKINGS, AND TRAFFIC SIGNALS SHALL MEET OR EXCEED M.U.T.C.D. STANDARDS.
- THE CONTRACTOR SHALL NOT REMOVE ANY EXISTING SIGNS, PAVEMENT MARKINGS OR TRAFFIC SIGNALS DURING THE PROJECT WITHOUT SIGNED AUTHORIZATION OF THE CITY ENGINEERING INSPECTOR ASSIGNED TO THE PROJECT.
- CONTRACTOR SHALL PREPARE A DETAILED TRAFFIC CONTROL PLAN, SUBMIT TO CITY TRAFFIC ENGINEERING FOR APPROVAL, AND OBTAIN APPROPRIATE PERMITS IN ACCORDANCE WITH THE "TRAFFIC CONTROLS FOR STREET CONSTRUCTION, UTILITY WORK AND MAINTENANCE OPERATIONS", MUTCD SUPPLEMENT FOR THE CITY OF COLORADO SPRINGS, AUGUST 1992.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING AND MAINTAINING THE TEMPORARY TRAFFIC CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW, TEMPORARY, AND EXISTING TRAFFIC SIGNAL MODIFICATIONS.

STATEMENTS:

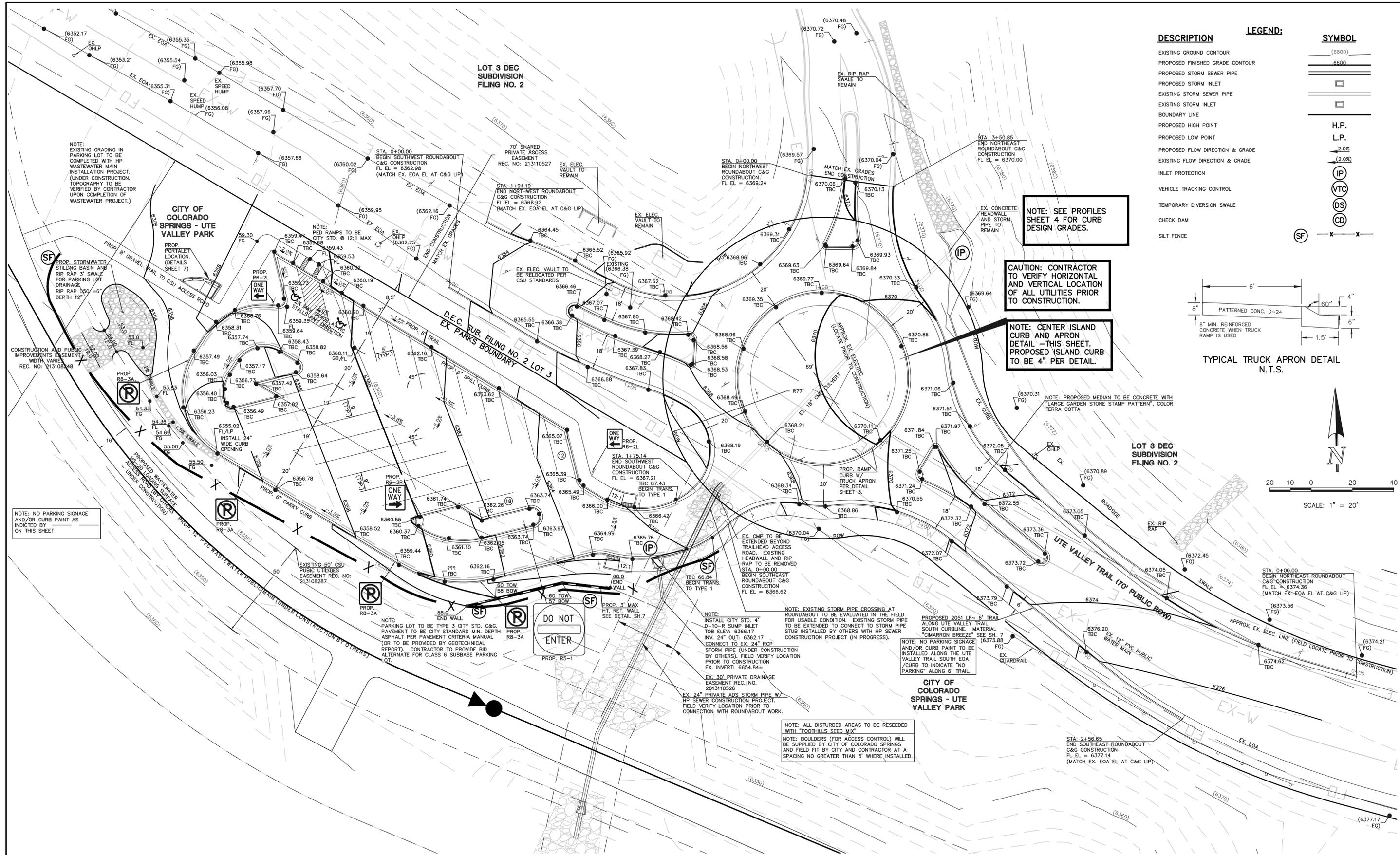
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN; THE CITY HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY. RESUBMITTAL IS REQUIRED IF CONSTRUCTION HAS NOT COMMENCED WITHIN 180 DAYS OF REVIEW DATE.

SHEET INDEX

TITLE SHEET	1 OF 9
DETAILED GRADING AT ROUNDABOUT & TRAILHEAD	2 OF 9
UTE VALLEY TRAIL PLAN & PROFILE	3 OF 9
ROUNDABOUT FLOWLINE PROFILES	4 OF 9
ROUNDABOUT TRUCK PATH DETAILS	5 OF 9
SIGNAGE AND STRIPING	6 OF 9
DETAIL SHEET	7 OF 9
DETAIL SHEET	8 OF 9
DETAIL SHEET	9 OF 9

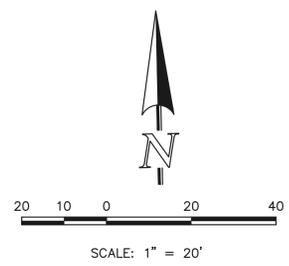
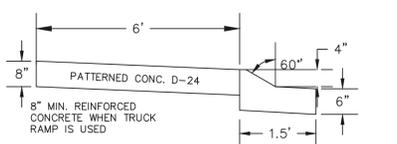
<p>REVIEW:</p> <p>STREET DESIGN FOR CITY ENGINEERING:</p> <p>UTILITY GRADE REVIEW _____ DATE _____</p> <p>TRAFFIC SIGNAGE & STRIPING _____ DATE _____</p> <p>CURB & GUTTER REVIEW _____ DATE _____</p> <p>FINAL REVIEW _____ DATE _____</p> <p>DRAINAGE DESIGN: _____ DATE _____</p> <p>THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CODE OF THE CITY OF COLORADO SPRINGS 2001, AS AMENDED.</p>	<p>DESIGN DATA:</p> <p>SIDEWALKS: WIDTH: _____</p> <p>LOCATION: <input type="checkbox"/> Attached <input type="checkbox"/> Detached</p> <p>CURB TYPE <input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 3</p> <p>R/W WIDTH _____ MAT WIDTH _____</p> <p>STREET TYPE _____ HVEEM _____</p>	<p>PAVEMENT:</p> <p>TYPE: HMA <input type="checkbox"/> PCC <input type="checkbox"/></p> <p>THICKNESS _____</p> <p>COMPOSITE SECTION</p> <p>HMA _____</p> <p>BASE _____</p> <p>SUBGRADE STABILIZATION:</p> <p>CHEMICAL: <input type="checkbox"/> MECH.: <input type="checkbox"/></p> <p>TYPE: _____</p> <p>THICKNESS _____</p>	<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811</p> <p>UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	<p>NO. REVISION</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50px; height: 20px;"></td> <td style="width:50px; height: 20px;"></td> </tr> <tr> <td style="width:50px; height: 20px;"></td> <td style="width:50px; height: 20px;"></td> </tr> <tr> <td style="width:50px; height: 20px;"></td> <td style="width:50px; height: 20px;"></td> </tr> <tr> <td style="width:50px; height: 20px;"></td> <td style="width:50px; height: 20px;"></td> </tr> </table>									<p>DATE</p>	<p>REVIEW:</p> <p>PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p>CATHERINE M. TESSIN, COLORADO P.E. #45004 DATE _____</p>	<div style="text-align: center;"> <p>CLASSIC CONSULTING ENGINEERS & SURVEYORS</p> </div> <p>UTE VALLEY PARK TRAILHEAD CITY OF COLORADO SPRINGS STREET IMPROVEMENT PLANS W/ TRAILHEAD ACCESS AND PRIVATE ACCESS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DESIGNED BY</td> <td>CMT</td> <td>SCALE</td> <td>DATE</td> </tr> <tr> <td>DRAWN BY</td> <td>CMT</td> <td>(H) 1" = _____</td> <td>SHEET 1 OF 9</td> </tr> <tr> <td>CHECKED BY</td> <td></td> <td>(V) 1" = _____</td> <td>JOB NO. 2479.00</td> </tr> </table>	DESIGNED BY	CMT	SCALE	DATE	DRAWN BY	CMT	(H) 1" = _____	SHEET 1 OF 9	CHECKED BY		(V) 1" = _____	JOB NO. 2479.00
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CHECKED BY		(V) 1" = _____	JOB NO. 2479.00																								

N:\247900\DRAWINGS\CONSTR\TRAILHEAD\01 - Trailhead.dwg, 4/15/2016 11:13:37 PM, 1:1



LEGEND:

DESCRIPTION	SYMBOL
EXISTING GROUND CONTOUR	(6600)
PROPOSED FINISHED GRADE CONTOUR	6600
PROPOSED STORM SEWER PIPE	□
PROPOSED STORM INLET	□
EXISTING STORM SEWER PIPE	□
EXISTING STORM INLET	□
BOUNDARY LINE	—
PROPOSED HIGH POINT	H.P.
PROPOSED LOW POINT	L.P.
PROPOSED FLOW DIRECTION & GRADE	2.0%
EXISTING FLOW DIRECTION & GRADE	(2.0%)
INLET PROTECTION	IP
VEHICLE TRACKING CONTROL	VTC
TEMPORARY DIVERSION SWALE	DS
CHECK DAM	CD
SILT FENCE	SF



NOTE: SEE PROFILES SHEET 4 FOR CURB DESIGN GRADES.

CAUTION: CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTE: CENTER ISLAND CURB AND APRON DETAIL - THIS SHEET. PROPOSED ISLAND CURB TO BE 4" PER DETAIL.

NOTE: PROPOSED MEDIAN TO BE CONCRETE WITH "LARGE GARDEN STONE STAMP PATTERN", COLOR TERRA COTTA

NOTE: EXISTING GRADING IN PARKING LOT TO BE COMPLETED WITH HP WASTEWATER MAIN INSTALLATION PROJECT. (UNDER CONSTRUCTION. TOPOGRAPHY TO BE VERIFIED BY CONTRACTOR UPON COMPLETION OF WASTEWATER PROJECT.)

NOTE: PED RAMPS TO BE CITY STD. @ 12:1 MAX

NOTE: NO PARKING SIGNAGE AND/OR CURB PAINT AS INDICATED BY ON THIS SHEET

NOTE: PARKING LOT TO BE TYPE 3 CITY STD. C&G PAVEMENT TO BE CITY STANDARD MIN. DEPTH ASPHALT PER PAVEMENT CRITERIA MANUAL (OR TO BE PROVIDED BY GEOTECHNICAL REPORT). CONTRACTOR TO PROVIDE BIL ALTERNATE FOR GLASS & SUBBASE PARKING LOT.

NOTE: INSTALL CITY STD. 4" D-10-R SUMP INLET TOP ELEV. 6366.17 INV. 24" OUT: 6362.17 CONNECT TO EX. 24" RCP STORM PIPE (UNDER CONSTRUCTION BY OTHERS). FIELD VERIFY LOCATION PRIOR TO CONSTRUCTION EX. INVERT: 6654.84±

NOTE: EXISTING STORM PIPE CROSSING AT ROUNDABOUT TO BE EVALUATED IN THE FIELD FOR USABLE CONDITION. EXISTING STORM PIPE TO BE EXTENDED TO CONNECT TO STORM PIPE STUB INSTALLED BY OTHERS WITH HP SEWER CONSTRUCTION PROJECT (IN PROGRESS).

NOTE: NO PARKING SIGNAGE AND/OR CURB PAINT TO BE INSTALLED ALONG THE UTE VALLEY TRAIL SOUTH EOA /CURB TO INDICATE "NO PARKING" ALONG 6' TRAIL.

NOTE: ALL DISTURBED AREAS TO BE RESEED WITH "FOOTHILLS SEED MIX"

NOTE: BOULDERS (FOR ACCESS CONTROL) WILL BE SUPPLIED BY CITY OF COLORADO SPRINGS AND FIELD FIT BY CITY AND CONTRACTOR AT A SPACING NO GREATER THAN 5' WHERE INSTALLED.

REVIEW:

STREET DESIGN FOR CITY ENGINEERING:	
UTILITY GRADE REVIEW	DATE
TRAFFIC SIGNAGE & STRIPING	DATE
CURB & GUTTER REVIEW	DATE
FINAL REVIEW	DATE
DRAINAGE DESIGN:	DATE

THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CODE OF THE CITY OF COLORADO SPRINGS 2001, AS AMENDED

DESIGN DATA:

SIDEWALKS: WIDTH:	
LOCATION:	Attached <input type="checkbox"/> Detached <input type="checkbox"/>
CURB TYPE	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>
R/W WIDTH	MAT WIDTH
STREET TYPE	HVEEM

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO. REVISION	DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

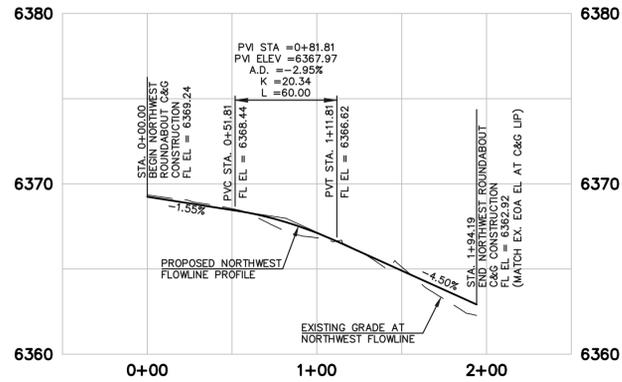
CATHERINE M. TESSIN, COLORADO P.E. #45004 DATE

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719)785-0790
(719)785-0799(Fax)

**UTE VALLEY PARK TRAILHEAD
CITY OF COLORADO SPRINGS
DETAIL GRADING AT ROUNDABOUT
AND TRAILHEAD**

DESIGNED BY	CMT	SCALE	DATE	10/01/15
DRAWN BY	CMT	(H) 1" = 20'	SHEET	2 OF 9
CHECKED BY		(V) 1" =	JOB NO.	2479.00

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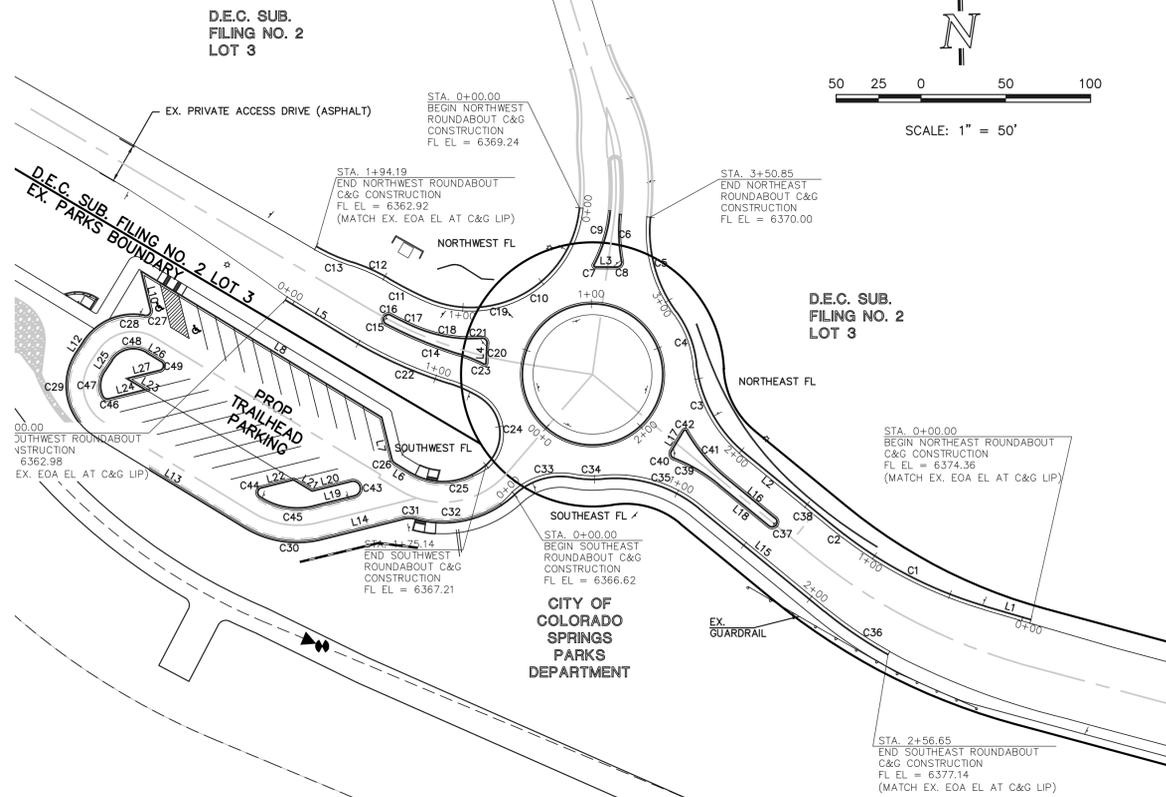


UTE VALLEY TRAIL - ROUNDABOUT NORTHWEST FL

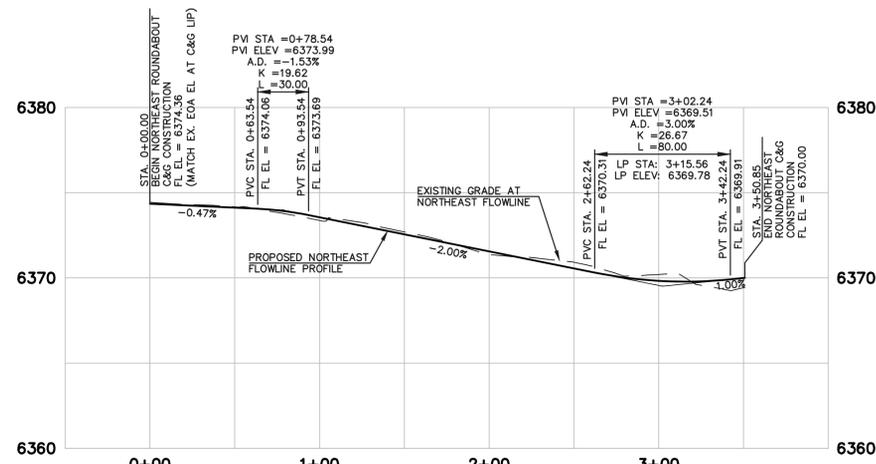
HORIZ SCALE = 1"=50'
VERT SCALE = 1"=5'

LINE	LENGTH	BEARING
L1	28.10	N73°51'26"W
L2	65.92	N50°44'41"W
L3	12.70	N89°39'50"W
L4	11.52	S02°45'14"W
L5	44.84	S58°51'38"E
L6	9.89	S58°50'06"E
L7	24.80	S133°50'06"E
L8	165.46	S58°50'06"E
L9	22.89	N13°50'06"W
L10	8.01	N33°39'32"E
L11	103.07	N58°50'06"W
L12	49.65	S78°09'54"W
L13	95.52	N50°44'41"W
L14	37.74	N50°44'41"W
L15	14.03	N31°05'40"E
L16	38.56	N50°44'41"W
L17	25.10	N76°09'54"E
L18	23.74	S78°09'54"W
L19	19.58	S78°09'54"W
L20	12.73	N58°50'06"W
L21	19.58	S78°09'54"W
L22	12.73	N58°50'06"W
L23	22.69	N76°09'54"E
L24	8.01	S33°39'32"E
L25	10.10	N58°50'06"W
L26	19.63	N76°09'54"E
L27		

CURVE	LENGTH	RADIUS	DELTA
C1	93.46	250.00	21°25'12"
C2	9.72	329.00	1°41'33"
C3	62.07	80.00	44°27'24"
C4	32.48	61.50	30°13'23"
C5	59.10	80.00	42°19'46"
C6	33.32	82.50	23°08'24"
C7	2.06	1.00	118°02'35"
C8	5.28	3.00	100°48'17"
C9	27.80	98.00	16°15'14"
C10	122.70	64.50	108°59'45"
C11	24.80	229.00	6°32'21"
C12	23.64	105.00	12°33'51"
C13	23.05	105.00	12°34'39"
C14	46.23	253.00	10°28'07"
C15	4.75	3.00	90°41'15"
C16	4.68	3.00	89°18'45"
C17	14.78	247.00	3°25'45"
C18	41.40	82.50	28°45'02"
C19	5.09	3.00	97°16'11"
C20	1.99	1.00	113°54'15"
C21	16.19	98.00	9°27'47"
C22	62.65	271.00	13°14'44"
C23	19.77	80.00	14°09'42"
C24	46.59	25.00	108°47'12"
C25	48.43	38.00	73°01'17"
C26	3.93	5.00	45°00'00"
C27	6.02	3.00	114°56'48"
C28	41.20	35.00	67°27'10"
C29	56.50	35.00	92°29'38"
C30	47.12	60.00	45°00'00"
C31	7.53	15.00	28°45'34"
C32	62.53	62.00	57°47'11"
C33	37.34	40.00	53°29'29"
C34	17.35	61.50	16°09'56"
C35	60.98	78.00	44°47'29"
C36	45.45	252.00	10°20'05"
C37	4.71	3.00	90°00'00"
C38	4.71	3.00	90°00'00"
C39	36.14	98.00	21°07'50"
C40	5.24	3.00	100°01'28"
C41	26.58	96.00	15°51'43"
C42	2.08	1.00	119°17'29"
C43	14.05	4.47	180°00'00"
C44	6.94	3.00	132°37'19"
C45	33.08	40.00	47°22'41"
C46	4.15	3.00	79°11'39"
C47	15.26	15.00	58°17'59"
C48	22.91	15.00	87°30'22"
C49	7.07	3.00	135°00'00"

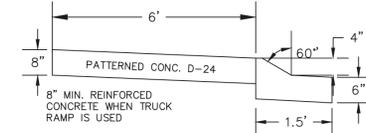


UTE VALLEY TRAIL - ROUNDABOUT
SCALE: 1" = 50' ~ END PUBLIC RIGHT OF WAY

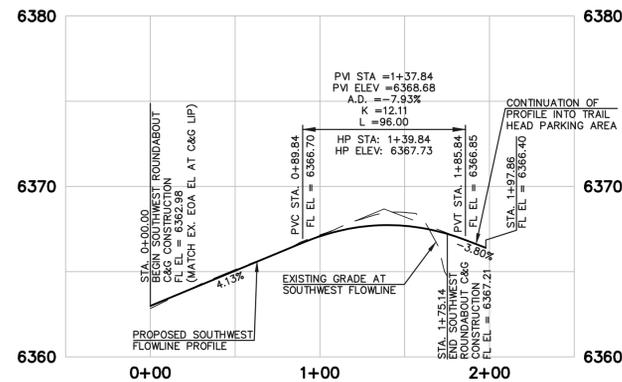


UTE VALLEY TRAIL - ROUNDABOUT NORTHEAST FL

HORIZ SCALE = 1"=50'
VERT SCALE = 1"=5'

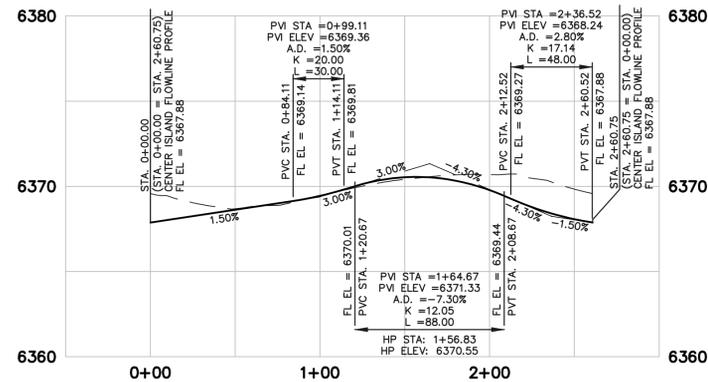


TYPICAL TRUCK APRON DETAIL
N.T.S.



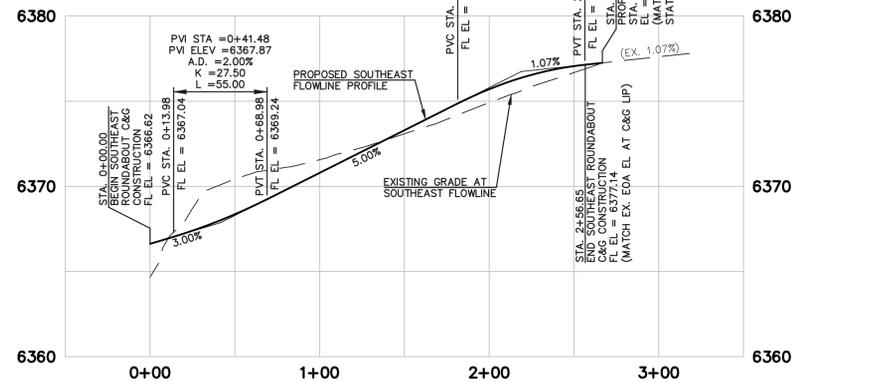
UTE VALLEY TRAIL - ROUNDABOUT SOUTHWEST FL

HORIZ SCALE = 1"=50'
VERT SCALE = 1"=5'



UTE VALLEY TRAIL - ROUNDABOUT CENTER ISLAND FL

HORIZ SCALE = 1"=50'
VERT SCALE = 1"=5'



UTE VALLEY TRAIL - ROUNDABOUT SOUTHEAST FL

HORIZ SCALE = 1"=50'
VERT SCALE = 1"=5'

REVIEW:
STREET DESIGN FOR CITY ENGINEERING:
UTILITY GRADE REVIEW _____ DATE _____
TRAFFIC SIGNAGE & STRIPING _____ DATE _____
CURB & GUTTER REVIEW _____ DATE _____
FINAL REVIEW _____ DATE _____
DRAINAGE DESIGN: _____ DATE _____
THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CODE OF THE CITY OF COLORADO SPRINGS 2001, AS AMENDED.

DESIGN DATA:
SIDEWALKS: WIDTH: _____ LOCATION: Attached Detached
CURB TYPE 1 5 3
R/W WIDTH _____ MAT WIDTH _____
STREET TYPE _____ HVLEM _____

PAVEMENT:
TYPE: HMA PCC
THICKNESS _____
COMPOSITE SECTION
HMA _____
BASE _____
SUBGRADE STABILIZATION:
CHEMICAL: MECH:
TYPE: _____
THICKNESS _____

48 HOURS BEFORE YOU DIG,
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811
UTILITY NOTIFICATION CENTER OF COLORADO
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NO. REVISION	DATE

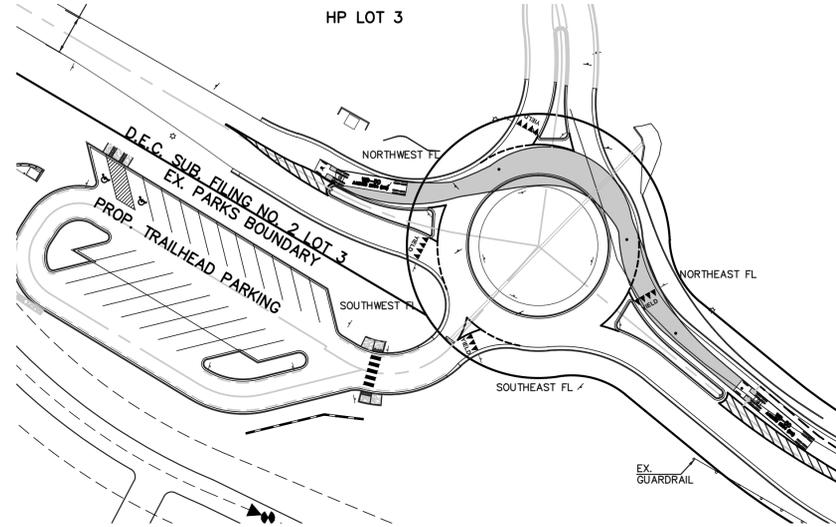
REVIEW:
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC
CATHERINE M. TESSIN, COLORADO P.E. #45004 DATE _____

UTE VALLEY PARK TRAILHEAD
CITY OF COLORADO SPRINGS
STREET IMPROVEMENT PLANS
ROUNDABOUT FLOWLINE PROFILES

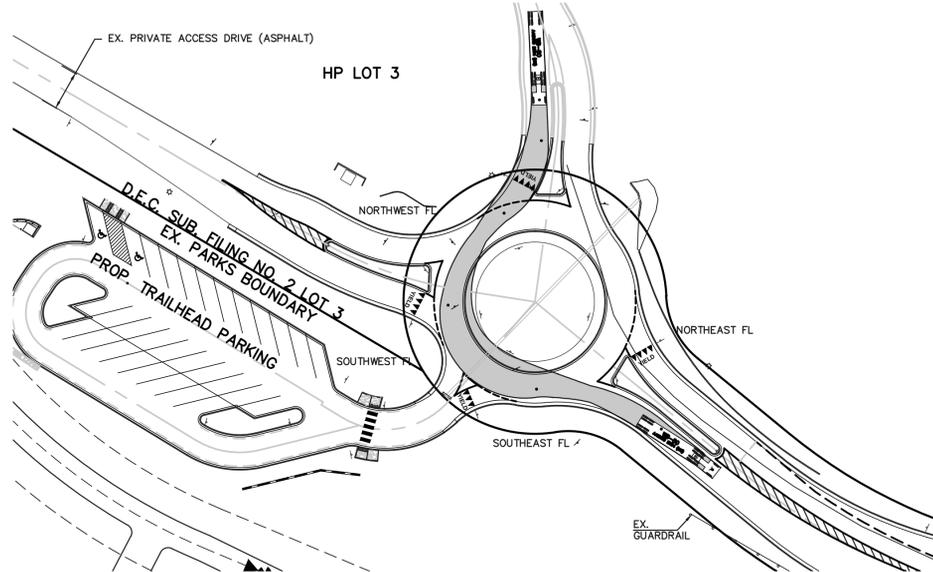
DESIGNED BY	PRA	SCALE	DATE	10/01/15
DRAWN BY	CMT	(H) 1" = 50'	SHEET	4 OF 9
CHECKED BY	(V) 1" = 5'	JOB NO.	2479.00	



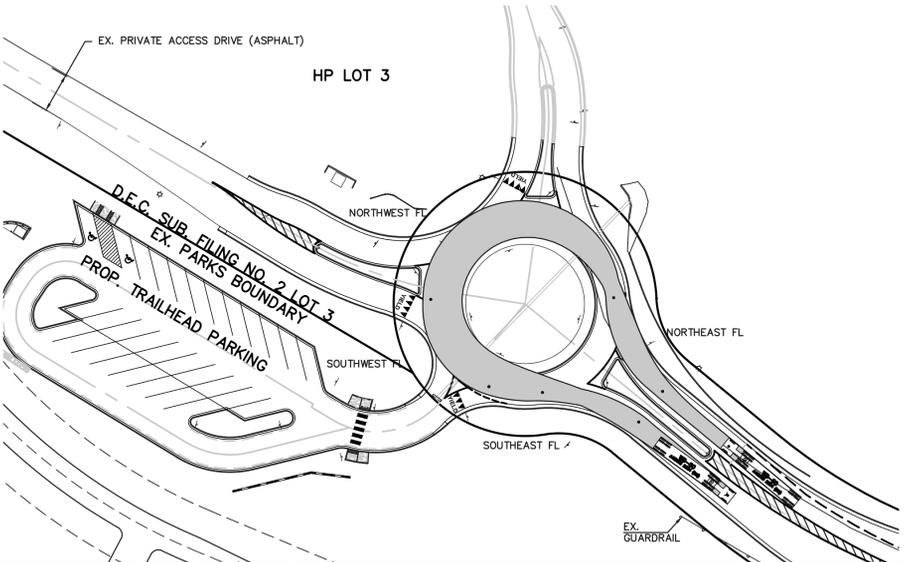
UTE VALLEY TRAIL - WB-50 TRUCK THROUGH PATH ROUTING



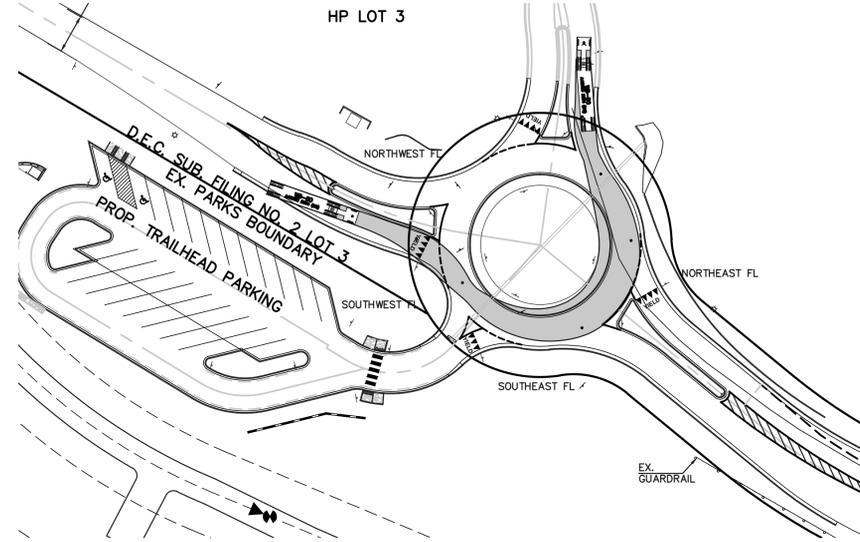
WB-50 TRUCK LOT 3 LEFT TURN PATH ROUTING



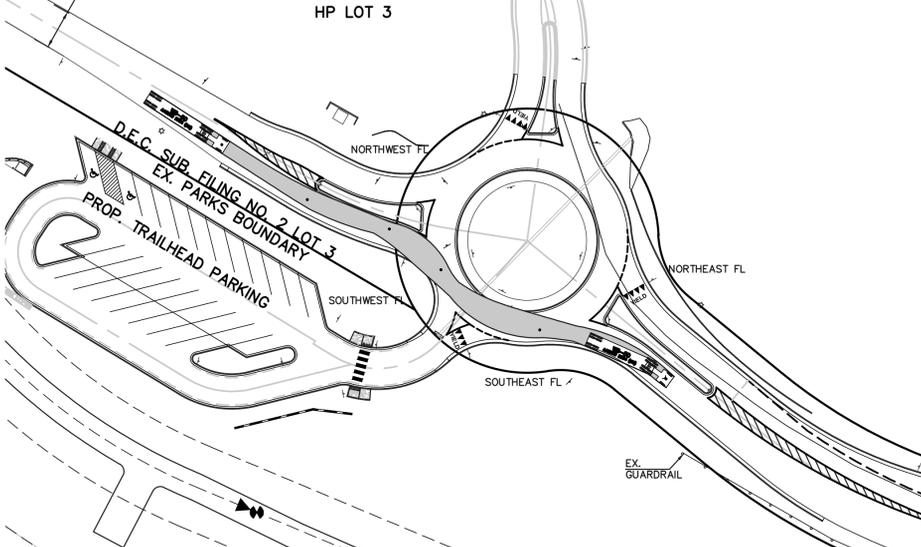
UTE VALLEY TRAIL - WB-50 TRUCK U-TURN PATH ROUTING



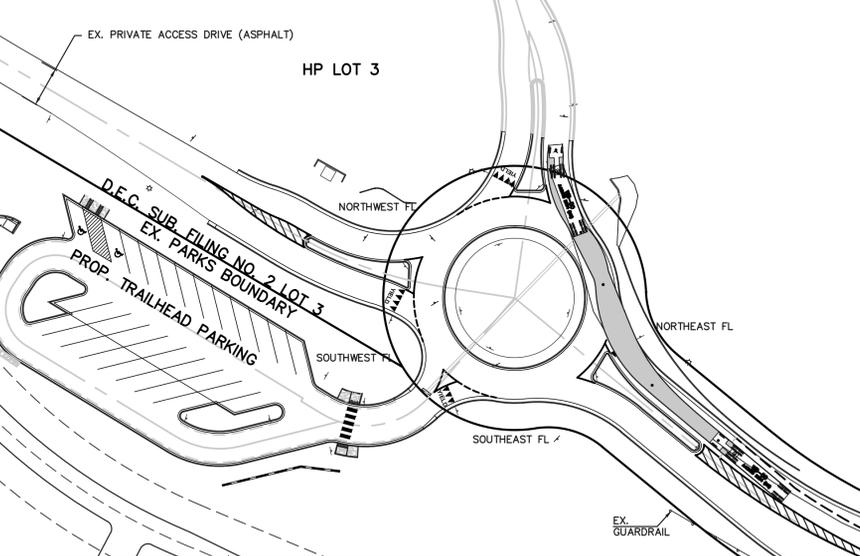
HP ACCESS TO LOT 3 ACCESS LEFT TURN - WB-50 TRUCK PATH ROUTING



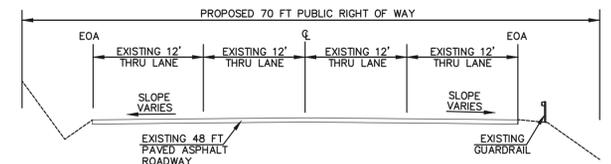
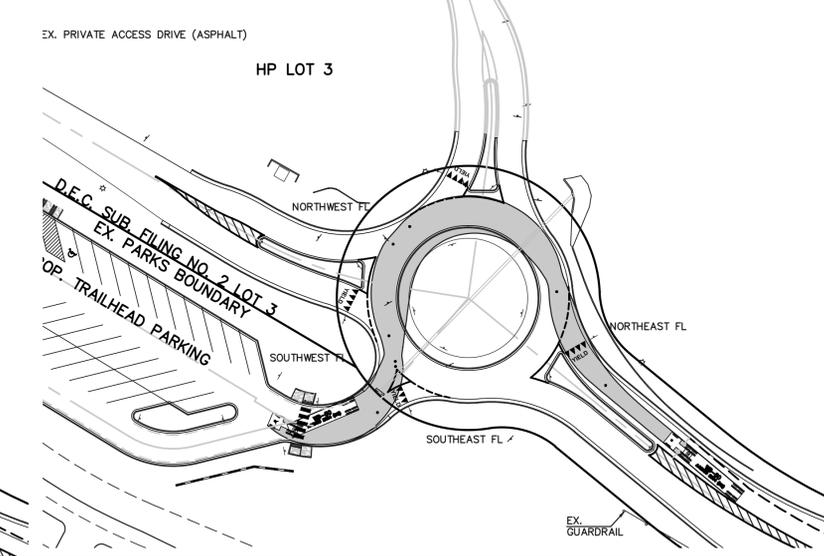
HP ACCESS TO UTE VALLEY TRAIL THROUGH - WB-50 TRUCK PATH ROUTING



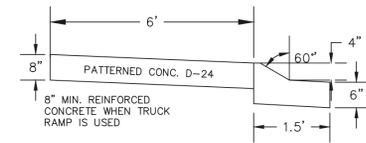
UTE VALLEY TRAIL TO LOT 3 RIGHT TURN - WB-50 TRUCK PATH ROUTING



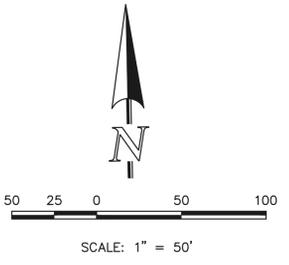
UTE VALLEY TRAIL TO PARKS LEFT TURN - WB-50 TRUCK PATH ROUTING



PROPOSED UTE VALLEY DRIVE - 70 FT ROW
NOT TO SCALE



TYPICAL TRUCK APRON
WITH 4" CURB DETAIL
N.T.S.



STATEMENTS:

THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN; THE CITY HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY. RESUBMITTAL IS REQUIRED IF CONSTRUCTION HAS NOT COMMENCED WITHIN 180 DAYS OF REVIEW DATE.

NOTE:

NO TRUCK ACCESS FROM HP LOT 3 OR LOT 4 TO CITY PARKS TRAILHEAD PARKING LOT. TRUCK ACCESS TO CITY PARKS PROPERTY FROM UTE VALLEY TRAIL RIGHT OF WAY ONLY.

REVIEW:	
STREET DESIGN FOR CITY ENGINEERING:	
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TRAFFIC SIGNAGE & STRIPING	DATE
CURB & GUTTER REVIEW	DATE
FINAL REVIEW	DATE
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SIDEWALKS: WIDTH:	
LOCATION:	<input type="checkbox"/> Attached <input type="checkbox"/> Detached
CURB TYPE	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 3
R/W WIDTH	MAT WIDTH
STREET TYPE	HVEEM

PAVEMENT:	TYPE: HMA <input type="checkbox"/> PCC <input type="checkbox"/>
THICKNESS	
COMPOSITE SECTION	HMA _____ BASE _____ SUBGRADE STABILIZATION: _____
CHEMICAL: <input type="checkbox"/> MECH.: <input type="checkbox"/>	
TYPE:	
THICKNESS	

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NO. REVISION	DATE

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CATHERINE M. TESSIN, COLORADO P.E. #45004	DATE

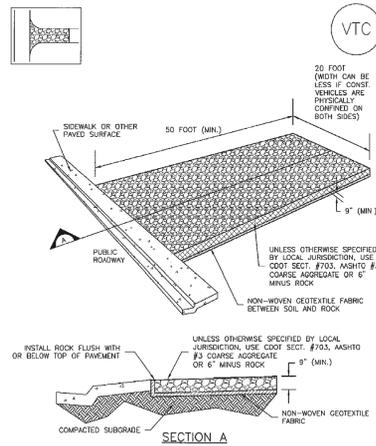
CLASSIC
 CONSULTING
 ENGINEERS & SURVEYORS
 619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903
 (719)785-0780
 (719)785-0799(Fax)

UTE VALLEY PARK TRAILHEAD CITY OF COLORADO SPRINGS STREET IMPROVEMENT PLANS ROUNDBOUT TRUCK PATH DETAIL			
DESIGNED BY	CMT	SCALE	DATE 10/01/15
DRAWN BY	CMT	(H) 1" = 50'	SHEET 5 OF 9
CHECKED BY		(V) 1" = 5'	JOB NO. 2479.00



N:\247900\ORIG\DWG\CORRECTED\TRUCK\TRUCK-Trailhead-HP-01.dwg - User: Valley TRUCK.dwg, 1/15/2016 1:05:16 PM, 1:1

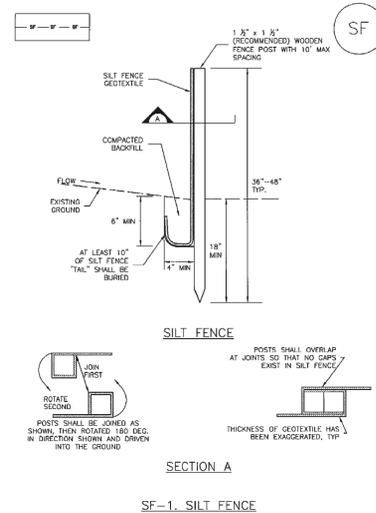
Vehicle Tracking Control (VTC) SM-4



VTC-1. AGGREGATE VEHICLE TRACKING CONTROL

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-3

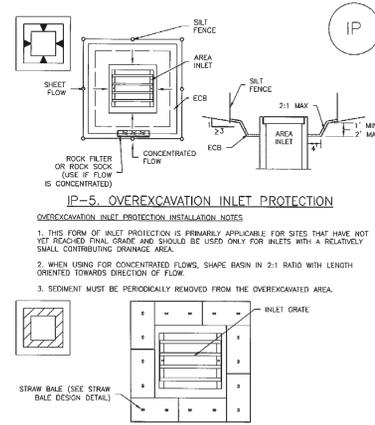
Silt Fence (SF) SC-1



SF-1. SILT FENCE

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SF-3

SC-6 Inlet Protection (IP)



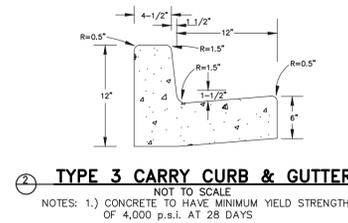
IP-6. STRAW BALE FOR SUMP INLET PROTECTION

STRAW BALE BARRIER INLET PROTECTION INSTALLATION NOTES:
1. SEE STRAW BALE DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
2. BALES SHALL BE PLACED IN A SINGLE ROW AROUND THE INLET WITH ENDS OF BALES TIGHTLY ADJUTING ONE ANOTHER.

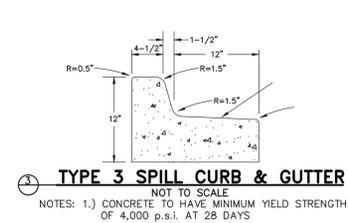
IP-6 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 August 2013

EROSION CONTROL DETAILS

NOTE: REFERENCE CITY OF COLORADO SPRINGS ENGINEERING CRITERIA MANUAL FOR FULL REFERENCE AND INSTALLATION INSTRUCTIONS.

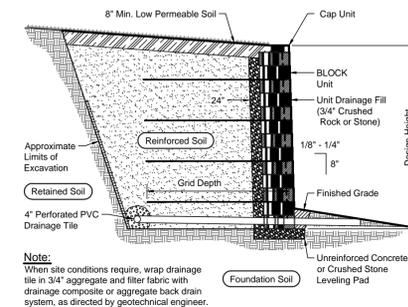


TYPE 3 CARRY CURB & GUTTER
NOT TO SCALE
NOTES: 1.) CONCRETE TO HAVE MINIMUM YIELD STRENGTH OF 4,000 p.s.i. AT 28 DAYS



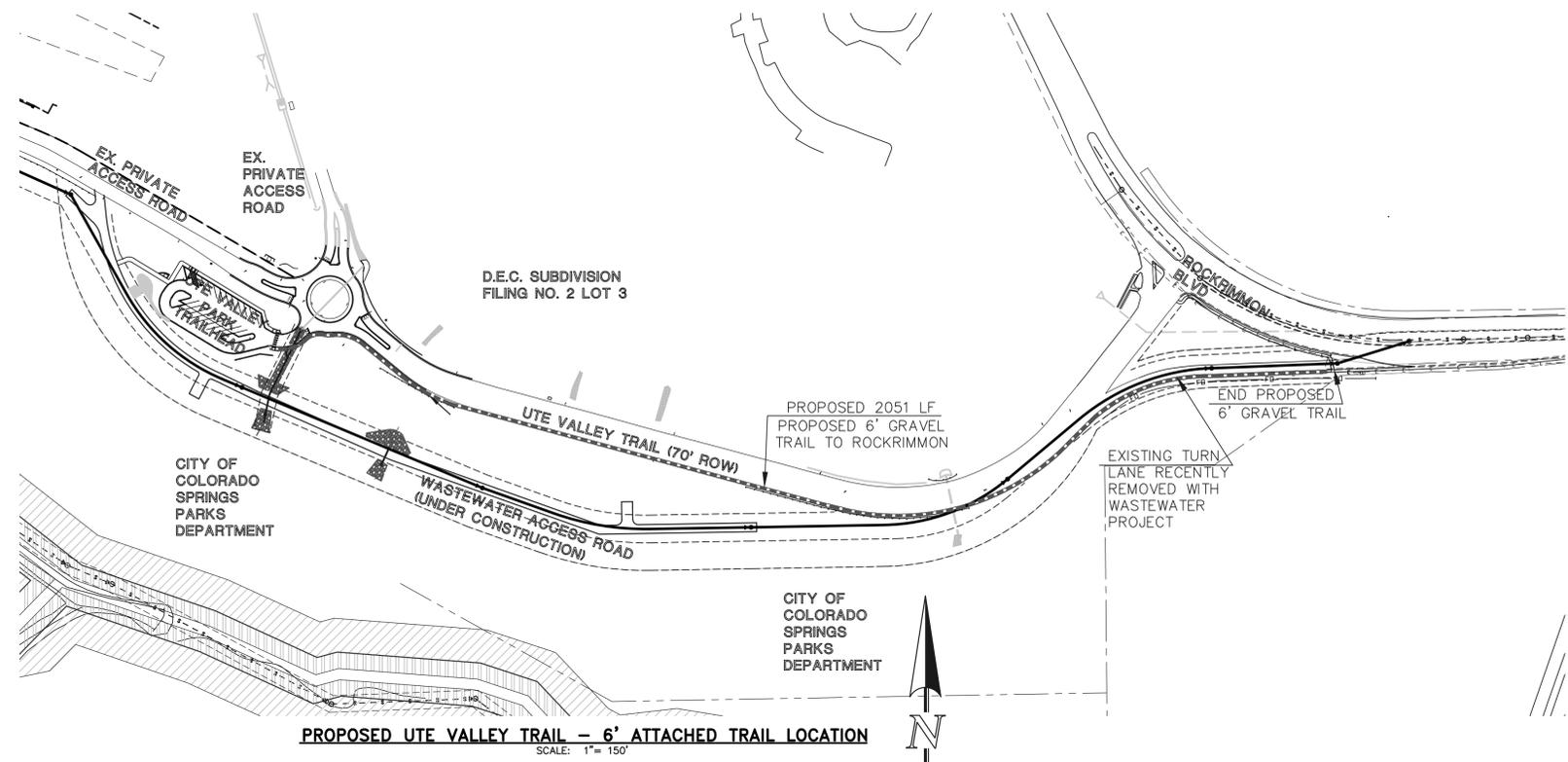
TYPE 3 SPILL CURB & GUTTER
NOT TO SCALE
NOTES: 1.) CONCRETE TO HAVE MINIMUM YIELD STRENGTH OF 4,000 p.s.i. AT 28 DAYS

LENGTH FOR RADII
A = 1/2"
C = 1-1/2"
D = 1-1/2" TO 2"



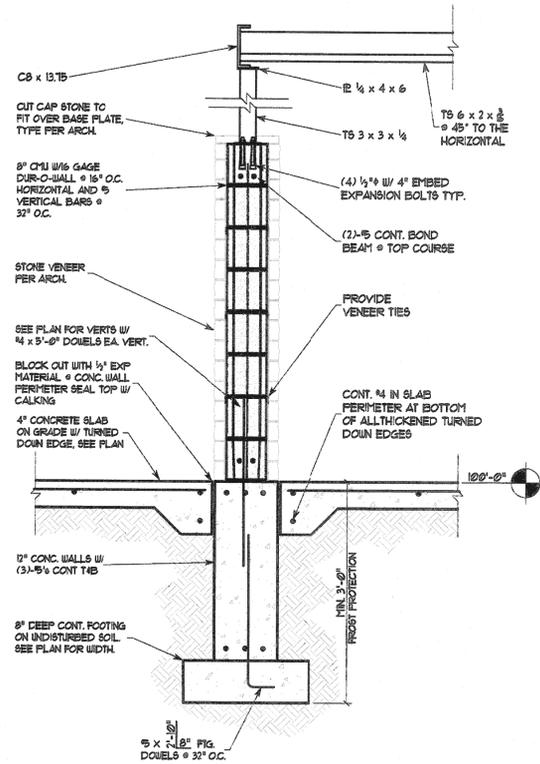
Typical Reinforced Wall Section
Standard Unit - Near Vertical Setback

NOTE: RETAINING WALL DESIGN SPECIFICATIONS BY MANUFACTURER. STRUCTURAL DESIGN AND/OR PERMITTING (IF REQUIRED) BY OTHERS.

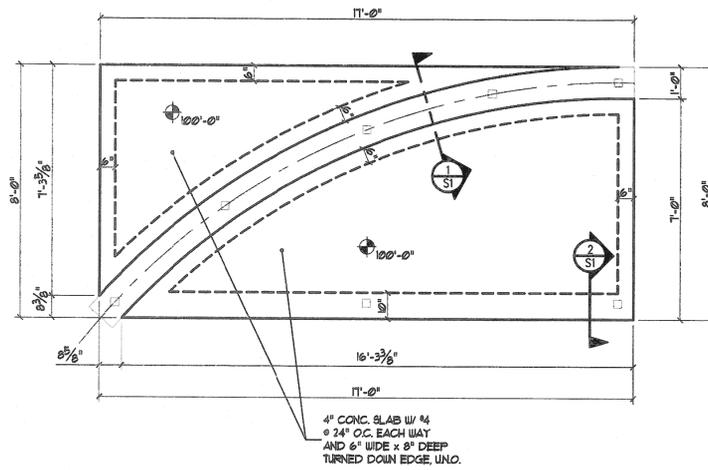


REVIEW: STREET DESIGN FOR CITY ENGINEERING: UTILITY GRADE REVIEW _____ DATE _____ TRAFFIC SIGNAGE & STRIPING _____ DATE _____ CURB & GUTTER REVIEW _____ DATE _____ FINAL REVIEW _____ DATE _____ DRAINAGE DESIGN: _____ DATE _____ THIS IS FILED IN ACCORDANCE WITH SECTION 7.7.906 (DRAINAGE ORDINANCE) OF THE CODE OF THE CITY OF COLORADO SPRINGS 2001, AS AMENDED.	DESIGN DATA: SIDEWALKS: WIDTH: _____ LOCATION: <input type="checkbox"/> Attached <input type="checkbox"/> Detached CURB TYPE <input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 3 R/W WIDTH _____ MAT WIDTH _____ STREET TYPE _____ HVEEM _____	PAVEMENT: TYPE: HMA <input type="checkbox"/> PCC <input type="checkbox"/> THICKNESS _____ COMPOSITE SECTION HMA _____ BASE _____ SUBGRADE STABILIZATION: CHEMICAL: <input type="checkbox"/> MECH.: <input type="checkbox"/> TYPE: _____ THICKNESS _____	48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811 UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.	NO. REVISION _____ DATE _____ _____ _____ _____ _____	REVIEW: PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC CATHERINE M. TESSIN, COLORADO P.E. #45004 DATE _____	UTE VALLEY PARK TRAILHEAD CITY OF COLORADO SPRINGS UTE VALLEY PARK TRAILHEAD DETAIL SHEET DESIGNED BY CMT SCALE DATE 10/01/15 DRAWN BY CMT (H) 1"= SHEET 7 OF 9 CHECKED BY (V) 1"= JOB NO. 2479.00	 619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903 (719)785-0790 (719)785-0799(Fax)

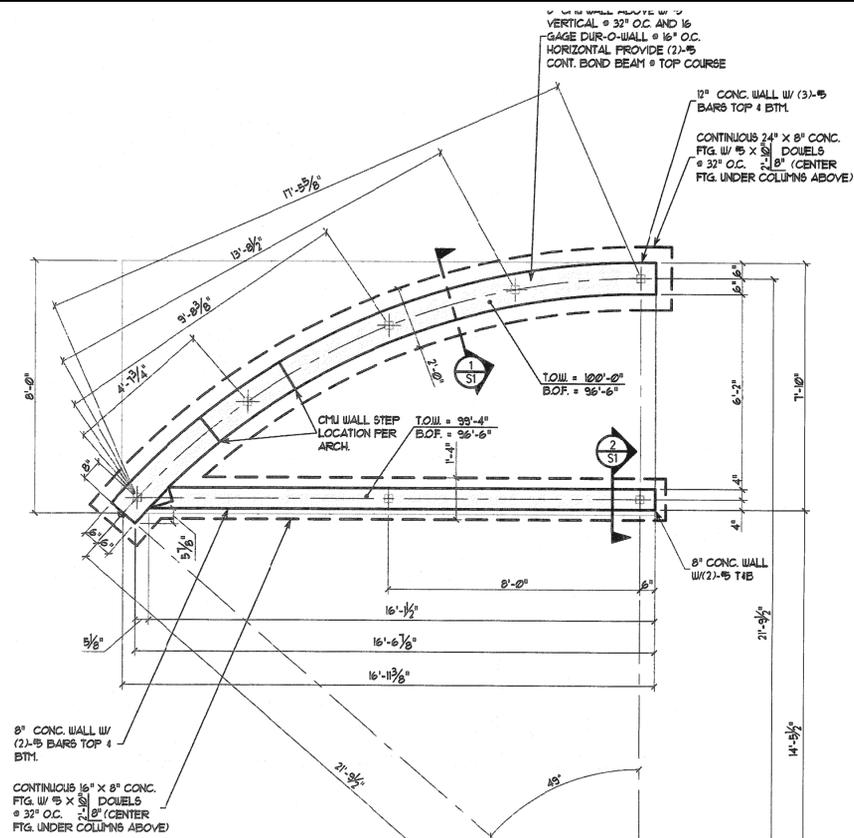
I:\247900\DRAWINGS\CONCRETE\CONCRETE\IP-6 - Trailhead.dwg, 1/15/2016 1:24:03 PM, 1:1



1 WALL BELOW CMU
(SCALE: 3/4" = 1'-0")

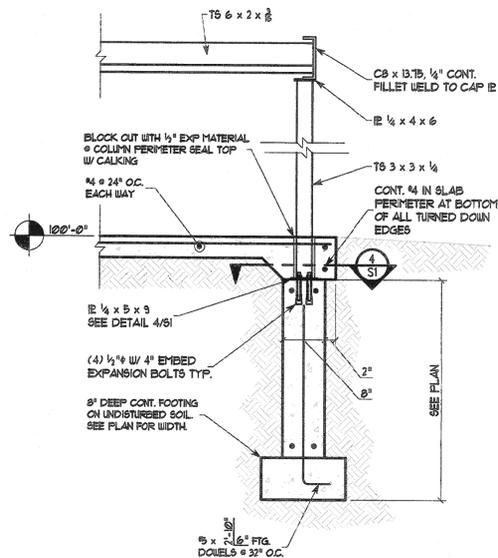


CONCRETE SLAB PLAN
(SCALE: 3/8" = 1'-0")

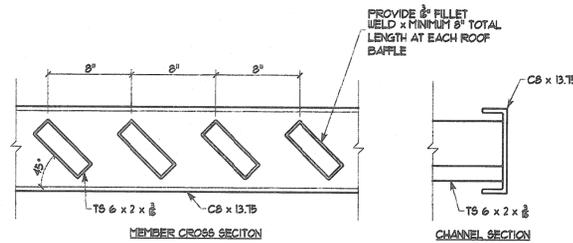


FOUNDATION PLAN
(SCALE: 3/8" = 1'-0")

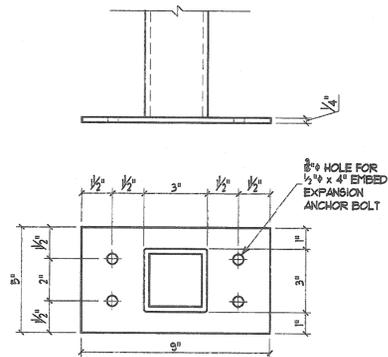
- ALL FTG'S MUST REST ON NATURAL UNDISTURBED SOIL OR COMPACTED FILL PER SOILS ENGINEER AT LEAST 36" BELOW FINISHED GRADE
- SOILS ENGINEER TO FIELD VERIFY ASSUMED SOIL BEARING PRESSURE OF 1500 PSF (NON-EXPANSIVE)
- Δ INDICATES STEP IN T.O.W.



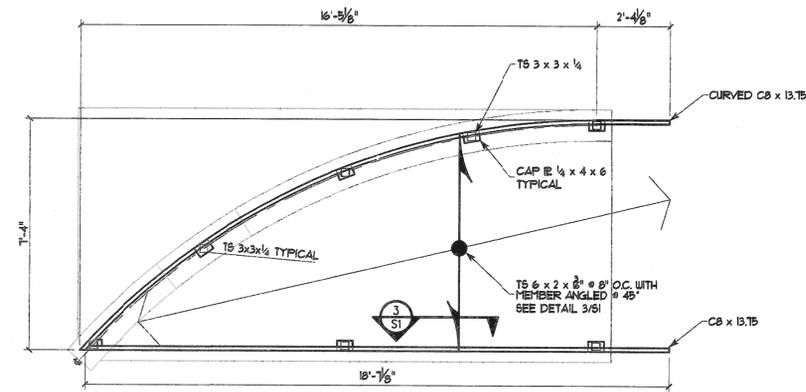
2 SLAB AT COLUMN
(SCALE: 3/4" = 1'-0")



3 HORIZONTAL CROSS MEMBERS
(SCALE: 1-1/2" = 1'-0")



4 BASE PLATE
(SCALE: 1-1/2" = 1'-0")



ROOF PLAN
(SCALE: 3/8" = 1'-0")

PORT-A-LET ENCLOSURE DETAILS

REVIEW:	
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DESIGN DATA:	
SIDEWALKS: WIDTH:	LOCATION: <input type="checkbox"/> Attached <input type="checkbox"/> Detached
CURB TYPE <input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 3	R/W WIDTH _____ MAT WIDTH _____
STREET TYPE _____	HVEEM _____
PAVEMENT:	
TYPE: HMA <input type="checkbox"/> PCC <input type="checkbox"/>	THICKNESS _____
COMPOSITE SECTION	
HMA _____	BASE _____
SUBGRADE STABILIZATION:	CHEMICAL: <input type="checkbox"/> MECH.: <input type="checkbox"/>
TYPE: _____	THICKNESS _____

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PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

CATHERINE M. TESSIN, COLORADO P.E. #45004 DATE

UTE VALLEY PARK TRAILHEAD
CITY OF COLORADO SPRINGS

UTE VALLEY PARK TRAILHEAD
DETAIL SHEET - PORTALET

DESIGNED BY CMT SCALE DATE 01/15/16

DRAWN BY CMT (H) 1"= SHEET 8 OF 9

CHECKED BY (V) 1"= JOB NO. 2479.00

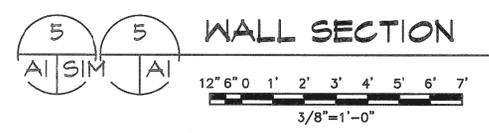
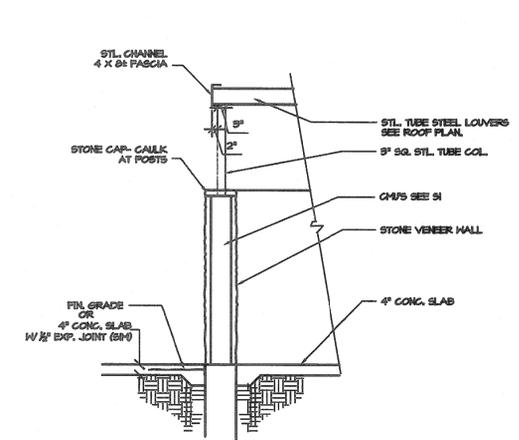
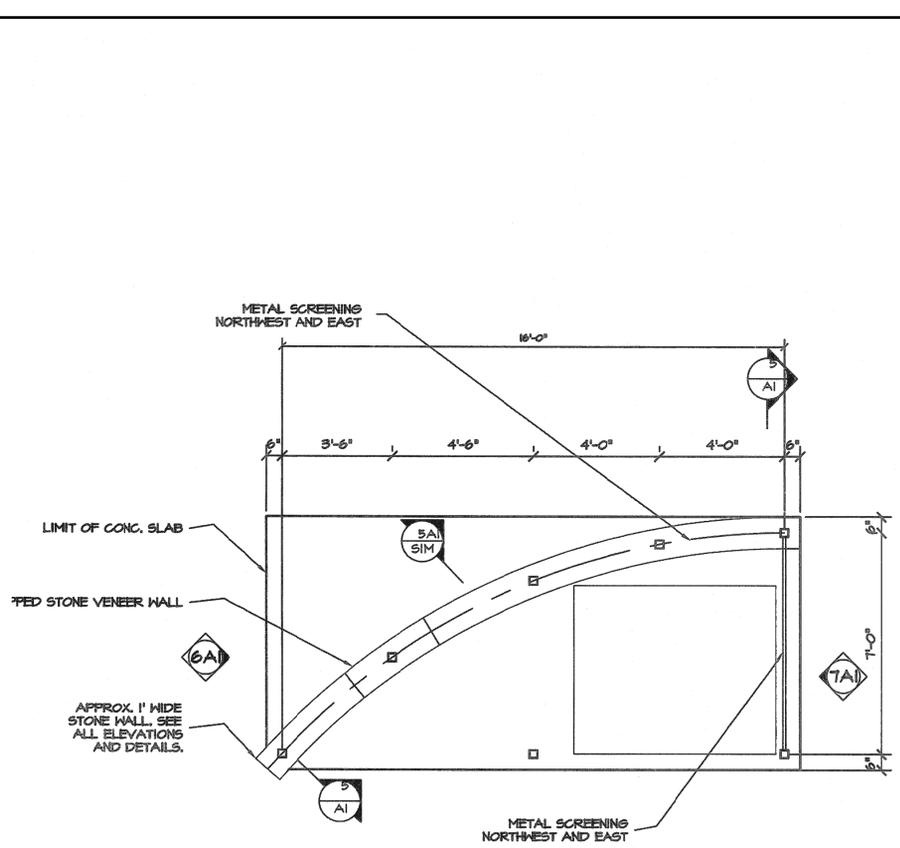
CLASSIC
CONSULTING ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903 (719)785-0790 (719)785-0799(Fax)

DESIGNED BY	CMT	SCALE	DATE	01/15/16
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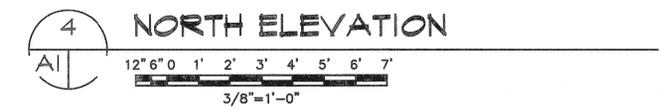
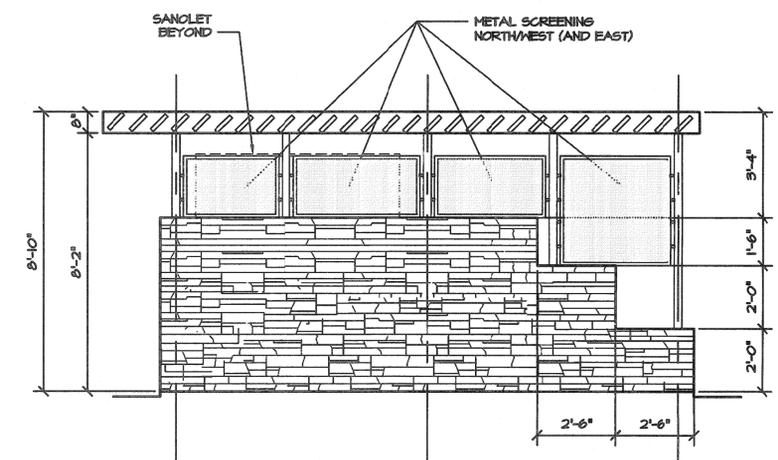
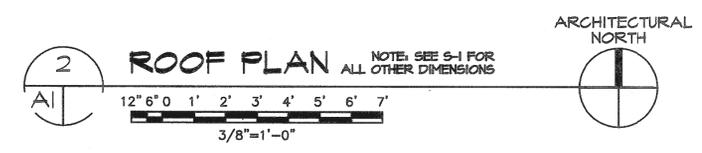
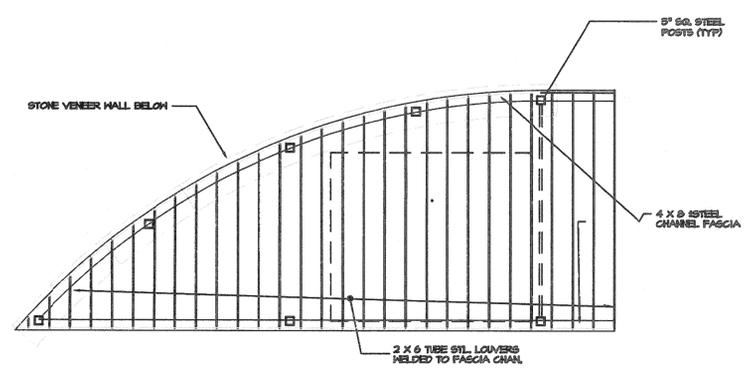
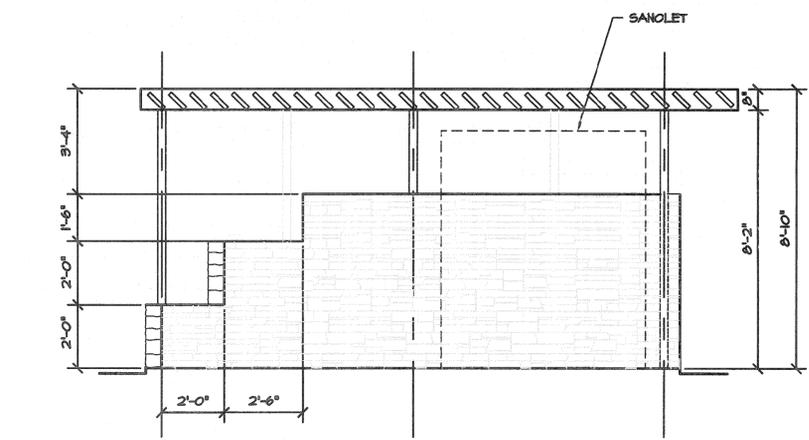
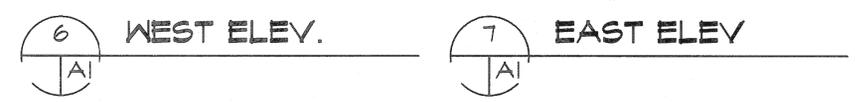
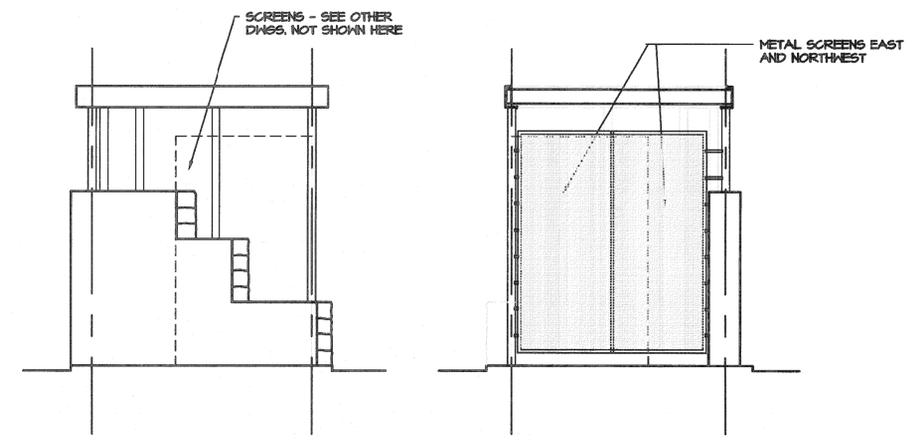


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ALL STEEL BEAMS, COLUMNS, AND LOUVERS ETC, TO BE SHOP PRIMED. METAL SCREEN TO BE "AMETCO" "ELECTRO-FORGE" WELDED STEEL FENCING - 1" X 1" MESH. 1" X 5/8" MAIN BAR, 1/2" ROUND CROSS BAR. GALVANIZED TO ASTM 123. ANCHORS AT 10". ALL STEEL TO BE SITE PAINTED - SEMI-GLOSS ENAMEL.

ALL OTHER MATERIALS AND METHODS PER GENERAL SPECIFICATIONS FOR ENTIRE PROJECT.



PORT-A-LET ENCLOSURE DETAILS

REVIEW:

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R/W WIDTH	MAT WIDTH	
STREET TYPE	HVEEM	

PAVEMENT:
TYPE: HMA PCC
THICKNESS _____
COMPOSITE SECTION
HMA _____
BASE _____
SUBGRADE STABILIZATION:
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CLASSIC
CONSULTING ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719) 785-0790
(719) 785-0799 (fax)

UTE VALLEY PARK TRAILHEAD
CITY OF COLORADO SPRINGS
UTE VALLEY PARK TRAILHEAD
DETAIL SHEET - PORTALET

DESIGNED BY	CMT	SCALE	DATE	01/15/16
DRAWN BY	CMT	(H) 1"=	SHEET	9 OF 9
CHECKED BY		(V) 1"=	JOB NO.	2479.00

CLASSIC
ENGINEERS & SURVEYORS

I:\247900\DRAWINGS\CONCRETE\CONCRETE\PORTALET\PORTALET DETAILS.dwg, 1/15/2016 1:06:27 PM, 1:1