

MERIDIAN STORAGE, LLC  
**MERIDIAN STORAGE**

FALCON RANCHETTES FILING NO. 1A, NORTH HALF OF THE SOUTHEAST QUARTER OF SECTION 1  
 TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH P.M., COUNTY OF EL PASO  
 STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE

**CONSTRUCTION DRAWINGS**  
**VR239 & PPR2336**



**PROJECT CONTACTS**

- PROPERTY OWNER**  
 MIKE D TEXER  
 11750 OWL PLACE  
 PEYTON, CO 80831  
 TELE: (719) 641-9261  
 CONTACT: MIKE D TEXER  
 EMAIL: MIKE.TEXER@GMAIL.COM
- APPLICANT**  
 GALLOWAY & CO., INC.  
 1155 KELLY JOHNSON BLVD., SUITE 305  
 COLORADO SPRINGS, CO 80920  
 TELE: (719) 900-7220  
 CONTACT: CALEB JOHNSON  
 EMAIL: CALEBJOHNSON@GALLOWAYUS.COM
- CIVIL ENGINEER**  
 GALLOWAY & CO., INC.  
 1155 KELLY JOHNSON BLVD., SUITE 305  
 COLORADO SPRINGS, CO 80920  
 TELE: (719) 900-7220  
 CONTACT: BRADY SHYROCK, P.E.  
 EMAIL: BRADYSHYROCK@GALLOWAYUS.COM
- LANDSCAPE ARCHITECT**  
 GALLOWAY & CO., INC.  
 1155 KELLY JOHNSON BLVD., SUITE 305  
 COLORADO SPRINGS, CO 80920  
 TELE: (719) 900-7220  
 CONTACT: IAN ROMERO, PLA  
 EMAIL: IANROMERO@GALLOWAYUS.COM
- SURVEYOR**  
 GALLOWAY & CO., INC.  
 1155 KELLY JOHNSON BLVD., SUITE 305  
 COLORADO SPRINGS, CO 80920  
 TELE: (719) 900-7220  
 CONTACT: BILL BROOKS  
 EMAIL: BILLBROOKS@GALLOWAYUS.COM

**CITY & UTILITY CONTACTS**

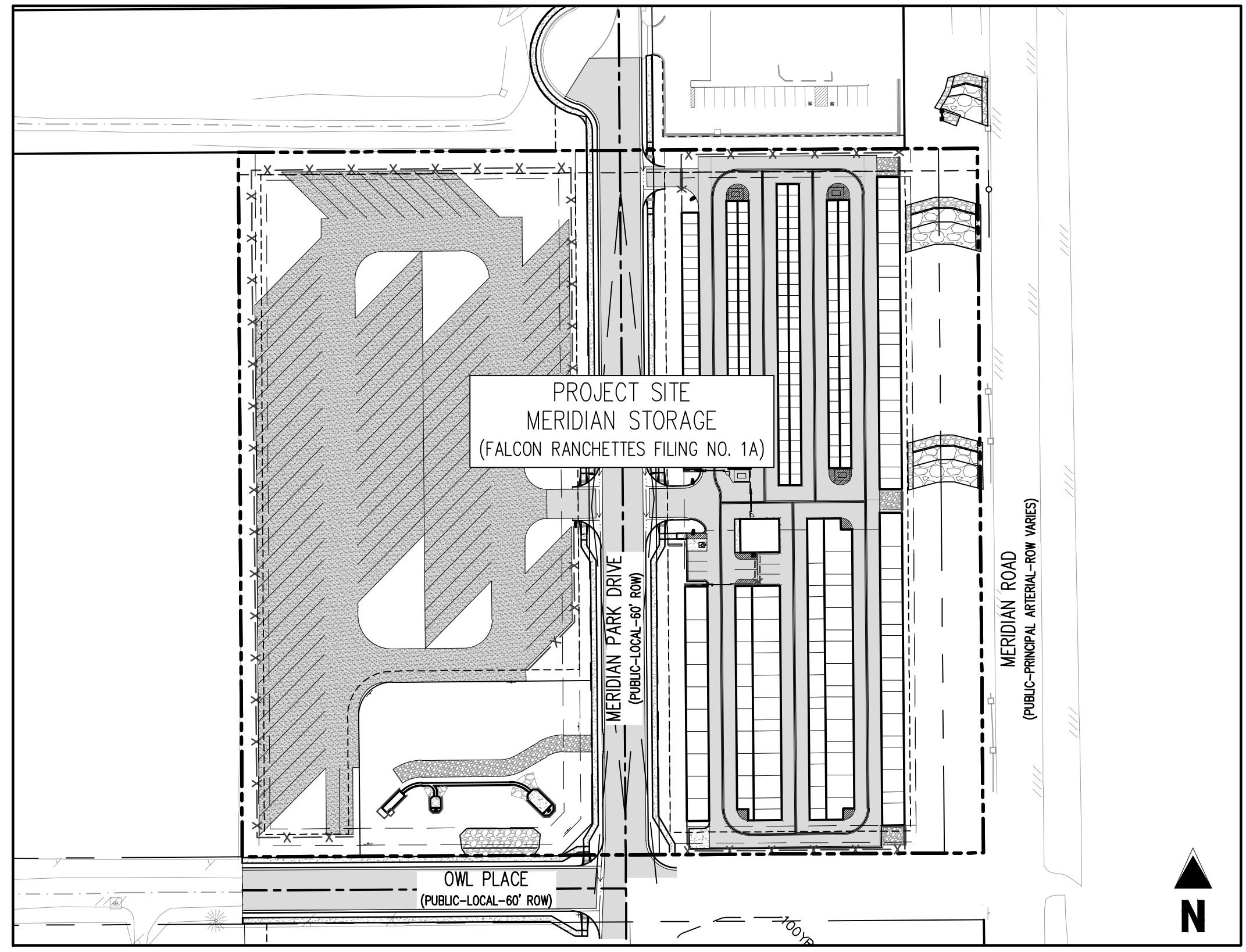
- WATER**  
 WOODMEN HILLS METRO DISTRICT  
 8046 EASTONVILLE ROAD  
 FALCON, CO 80831  
 TELE: (719) 495-2500  
 CONTACT: CODY RITTER  
 EMAIL: CODY@WHMDO.ORG
- WASTEWATER**  
 WOODMEN HILLS METRO DISTRICT  
 8046 EASTONVILLE ROAD  
 FALCON, CO 80831  
 TELE: (719) 495-2500  
 CONTACT: CODY RITTER  
 EMAIL: CODY@WHMDO.ORG
- ELECTRIC**  
 MOUNTAIN VIEW ELECTRIC ASSOCIATION  
 11140 E WOODMEN RD.,  
 FALCON, CO 80831  
 TELE: (800) 388-9881  
 CONTACT: GINA PERRY  
 EMAIL: GINA.P@MVEA.COOP
- NATURAL GAS**  
 COLORADO SPRINGS UTILITIES  
 7710 DURANT DRIVE, P.O. BOX 1103, MAIL CODE 2150  
 COLORADO SPRINGS, CO 80947-2150  
 (719) 688-5573  
 CONTACT: HARRON CASSIO  
 EMAIL: ACASSIO@CSU.ORG
- FIRE**  
 FALCON FIRE PROTECTION DISTRICT  
 7030 OLD MERIDIAN RD.,  
 FALCON, CO 80831  
 TELE: (719) 495-4050  
 CONTACT: TREAT HARMING  
 EMAIL: THARMING@FALCONFIREPD.ORG

**LIST OF ABBREVIATIONS**

- SHT - SHEET  
 A - DEFLECTION ANGLE  
 L - LENGTH  
 R - RADIUS  
 CB - CHORD BEARING  
 CL - CHORD LENGTH  
 N - NORTH/NORTHING  
 W - WEST  
 E - EAST/EASTING  
 S - SOUTH  
 DET - DETAIL  
 EX - EXISTING  
 W/F - WITH  
 PC - POINT OF CURVATURE/PORTLAND CEMENT  
 WWF - WELDED WIRE FABRIC  
 VERT - VERTICAL  
 OC - ON CENTER  
 FDC - FIRE DEPARTMENT CONNECTION  
 CT - COURT  
 DR - DRIVE  
 TYP - TYPICAL  
 REC - RECEPTION NUMBER  
 Ø, DIA - DIAMETER  
 PT - POINT OF TANGENCY  
 MIN - MINIMUM  
 MAX - MAXIMUM  
 HDPE - HIGH DENSITY POLYETHYLENE



**VICINITY MAP**  
 0 200 500 1000  
 SCALE: 1"=1000'



**SITE MAP**  
 0 20 50 100  
 SCALE: 1"=100'

**SHEET LIST TABLE**

SHEET NUMBER	SHEET TITLE	SHEET DESCRIPTION
1	COVER SHEET	CO.0
2	NOTES	CO.1
3	EXISTING CONDITIONS & DEMO PLAN	C1.1
4	SITE PLAN	C2.1
5	HORIZONTAL CONTROL PLAN	C2.2
6	SITE DETAILS	C2.3
7	SITE DETAILS	C2.4
8	MERIDIAN PARK DRIVE	C3.1
9	OWL PLACE	C3.2
10	INTERSECTION DETAILS	C3.3
11	INTERSECTION DETAILS	C3.4
12	INTERSECTION DETAILS	C3.5
13	STORM DRAIN PLAN	C4.1
14	STORM DRAIN PLAN	C4.2
15	STORM DRAIN PLAN	C4.3
16	STORM DRAIN DETAILS	C5.1
17	STORM DRAIN DETAILS	C5.2
18	STORM DRAIN DETAILS	C5.3
19	STORM DRAIN DETAILS	C5.4
20	STORM DRAIN DETAILS	C5.5
21	CHANNEL PLAN & PROFILE	C6.1
22	DROP STRUCTURE 2 & 3 DETAILS	C7.1
23	DROP STRUCTURE 1 DETAILS	C7.2
24	DROP STRUCTURE GENERAL DETAILS	C7.3
25	CHANNEL SECTIONS	C8.1

**LEGAL DESCRIPTION**

A PARCEL OF LAND IN THE SOUTHEAST QUARTER OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 65 WEST, OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

LOTS 1 & 2, FALCON RANCHETTES, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK V-2, PAGE 15, OF THE RECORDS OF EL PASO COUNTY, COLORADO.

CONTAINING 8.604 ACRES, MORE OR LESS.

**BENCHMARK**

THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24964" NAVD88 ELEVATION = 6947.67

**BASIS OF BEARING**

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR S89°40'45"W, DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**CAUTION -- NOTICE TO CONTRACTOR**

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



**EL PASO COUNTY**

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT. FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH EGM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

JOSHUA PALMER, P.E.  
 COUNTY ENGINEER / EGM ADMINISTRATOR  
 DATE \_\_\_\_\_

**OWNER'S STATEMENT**

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

*Mike Texer* 05/15/2024  
 MIKE D. TEXER DATE

**ENGINEER'S STATEMENT**

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE 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 THESE DETAILED PLANS AND SPECIFICATIONS.

*Brady A. Shyrocx* 05/21/2024  
 BRADY A. SHYROCK, COLORADO P.E. NO. 0038164 DATE



CONSTRUCTION DRAWINGS  
 MERIDIAN STORAGE  
 MERIDIAN STORAGE, LLC  
 VR239 & PPR2336  
 STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

**COVER SHEET**

VR239 & PPR2336  
**CO.0**  
 Sheet 1 of 25

**GENERAL CONSTRUCTION NOTES**

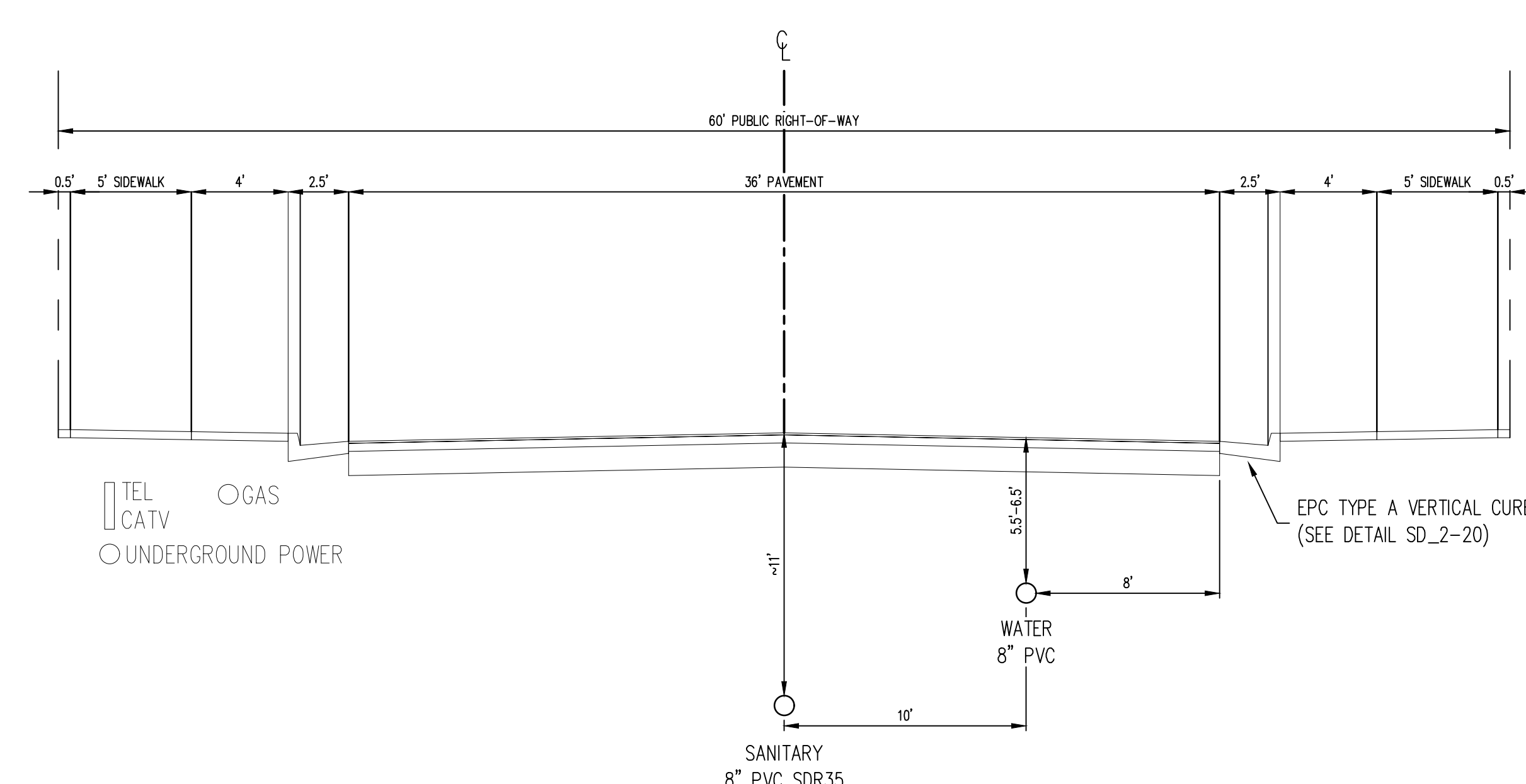
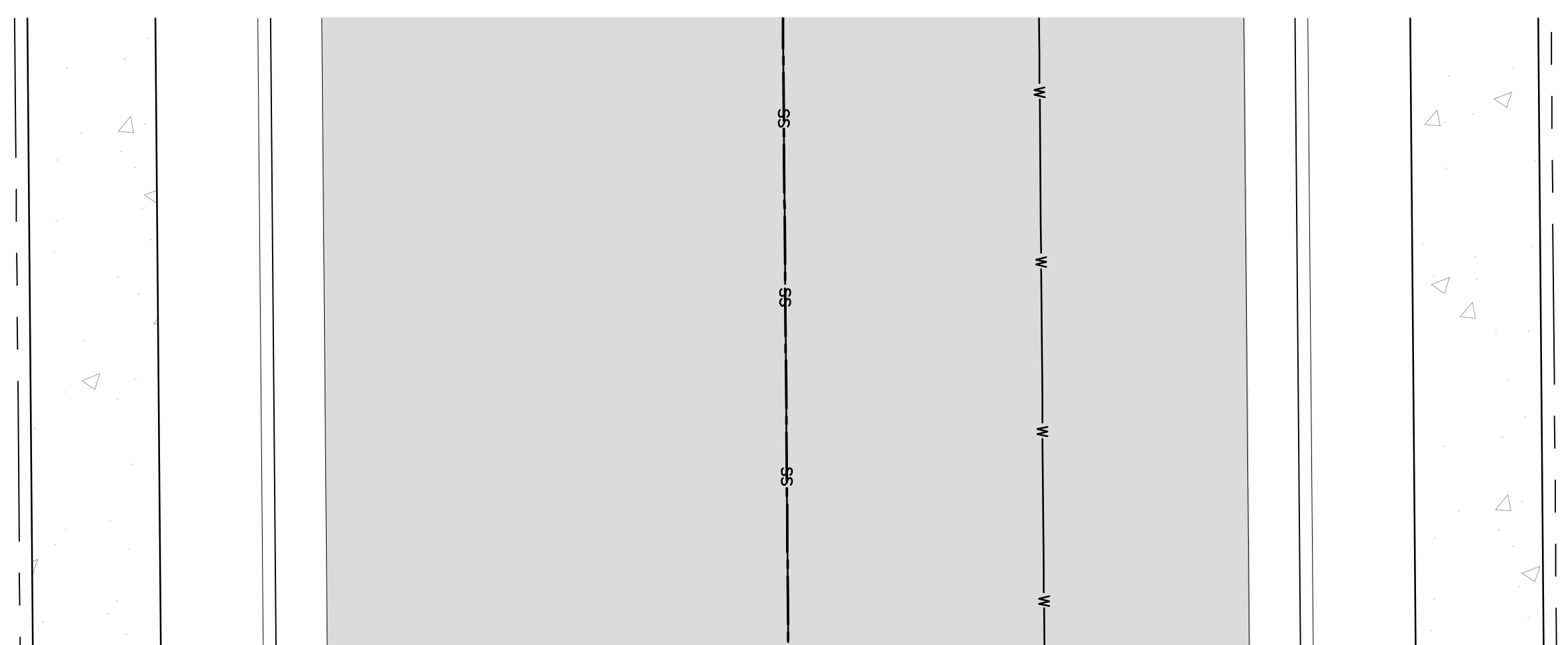
1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPLACED AT THE CONTRACTORS EXPENSE AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
3. ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
4. ALL BACKFILL, SUB-BASE AND / OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEERS RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION.
5. ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED.
6. ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC EGM APPENDIX K - 1.2C.
7. ALL INTERSECTION ACCESSES TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLES AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" IN THIS AREA.
8. ALL CULVERT AND STORM PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HOPE), OR REINFORCED CONCRETE PIPE (RCP). ALL CULVERTS SHALL BE PLACED COMPLETE WITH FLARED END SECTIONS. Adequacy of material thickness for any CSP installed shall be verified by owners geotechnical engineer to support minimum 50 year design life. CULVERTS MUST CONFORM TO EPC EGM SECTION 3.32 - CULVERTS.
9. ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED FOR ROADS SHALL BE PER DESIGN REPORT BY OWNERS GEOTECHNICAL ENGINEER. OWNERS GEOTECHNICAL ENGINEER TO BE ON SITE AT TIME OF ROAD CONSTRUCTION TO EVALUATE SOIL CONDITIONS AND DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY TO ASSURE STABILITY OF THE NEW ROADS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION PRIOR TO CONSTRUCTION.
10. TYPE M RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MIRAFI 180N OR EQUAL MAY BE SUBSTITUTED WHERE TYPE L RIP-RAP WITH MIRAFI FW 700 OR EQUAL IS SPECIFIED.
11. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS AND WITH WOODMAN HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL.
12. ALL POTABLE WATER MAINS SHALL BE ANWA C900-SDR18 PVC WITH PUSH-ON SINGLE GASKET TYPE JOINTS AND SHALL MEET THE REQUIREMENTS OF ANS / NSF 61.
13. ALL WATER MAIN FITTINGS SHALL BE MADE FROM GRAY-IRON OR DUCTILE IRON AND FURNISHED WITH MECHANICAL JOINT ENDS. ALL FITTINGS SHALL HAVE A PRESSURE RATING OF 250 PSI AND SHALL MEET THE REQUIREMENTS OF ANS / NSF 61.
14. ALL WATER LINE BENDS, TEES, BLOW-OFFS AND PLUGS AT DEAD-END MAINS SHALL BE PROTECTED FROM THRUST BY USING CONCRETE THRUST BLOCKS AND / OR RODDING AND RESTRAINED PIPE PER THE PAINT BRUSH HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL.
15. MAXIMUM DEFLECTION OF 8" OR 12" PVC WATER MAIN JOINTS IS 4 DEGREES. CORRESPONDING MINIMUM CURVE RADIUS IS 286'. ADDITIONAL 11.25' OR 22.5' BENDS MAY BE REQUIRED FOR PROPER ALIGNMENT.
16. CONTRACTOR IS RESPONSIBLE FOR PROVIDING DETAILED AS-BUILTS OF ALL WATER MAIN, STORM SEWER AND SANITARY. SEWER MAIN INSTALLATIONS, INCLUDING ACCURATE DISTANCES OF MAIN LINES, VALVES, FITTINGS, MANHOLES AND LOCATIONS OF WATER AND SEWER SERVICES.
17. SANITARY SEWER PIPE AND FITTINGS: PVC 4" - 8" ASTM D3034, TYPE PSM, SDR 35; PUSH-ON JOINTS AND MOLDED RUBBER GASKETS MAXIMUM HORIZONTAL DEFLECTIONS, AFTER INSTALLATION AND BACK FILLING SHALL NOT EXCEED 3% OF THE PIPE DIAMETER. (MINIMUM CURVE RADIUS IS 100' FOR 8" PVC SANITARY SEWER MAIN)

**STANDARD NOTES FOR EPC CONSTRUCTION PLAN**

1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF 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 NOTIFICATION 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:
  - 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 VOLUME 2. ANY DEVIATIONS 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 ON-SITE AND OFF-SITE, 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 (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 EGM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND OUTER 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. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
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.

**SIGNING AND STRIPING NOTES**

1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
3. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
7. ALL STREET NAME SIGNS SHALL HAVE D'SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 35 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS". SIGNAL POLE MOUNTED AND OVERHEAD STREET NAME SIGNS SHALL BE PER MUTCD SIZE STANDARDS.
8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75'x 1.75' SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD 5-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PERFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD 5-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 9" LONG.
12. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE.
13. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT 5-627-1.
14. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
15. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.



TYPICAL STREET SECTION - URBAN LOCAL ROADWAY  
 SCALE: 1"=5'  
 (MERIDIAN PARK DRIVE)  
 (OWL PLACE)  
 DESIGN SPEED LIMIT: 25 MPH  
 POSTED SPEED LIMIT: 25 MPH



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



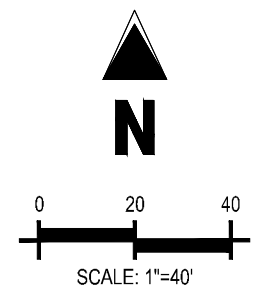
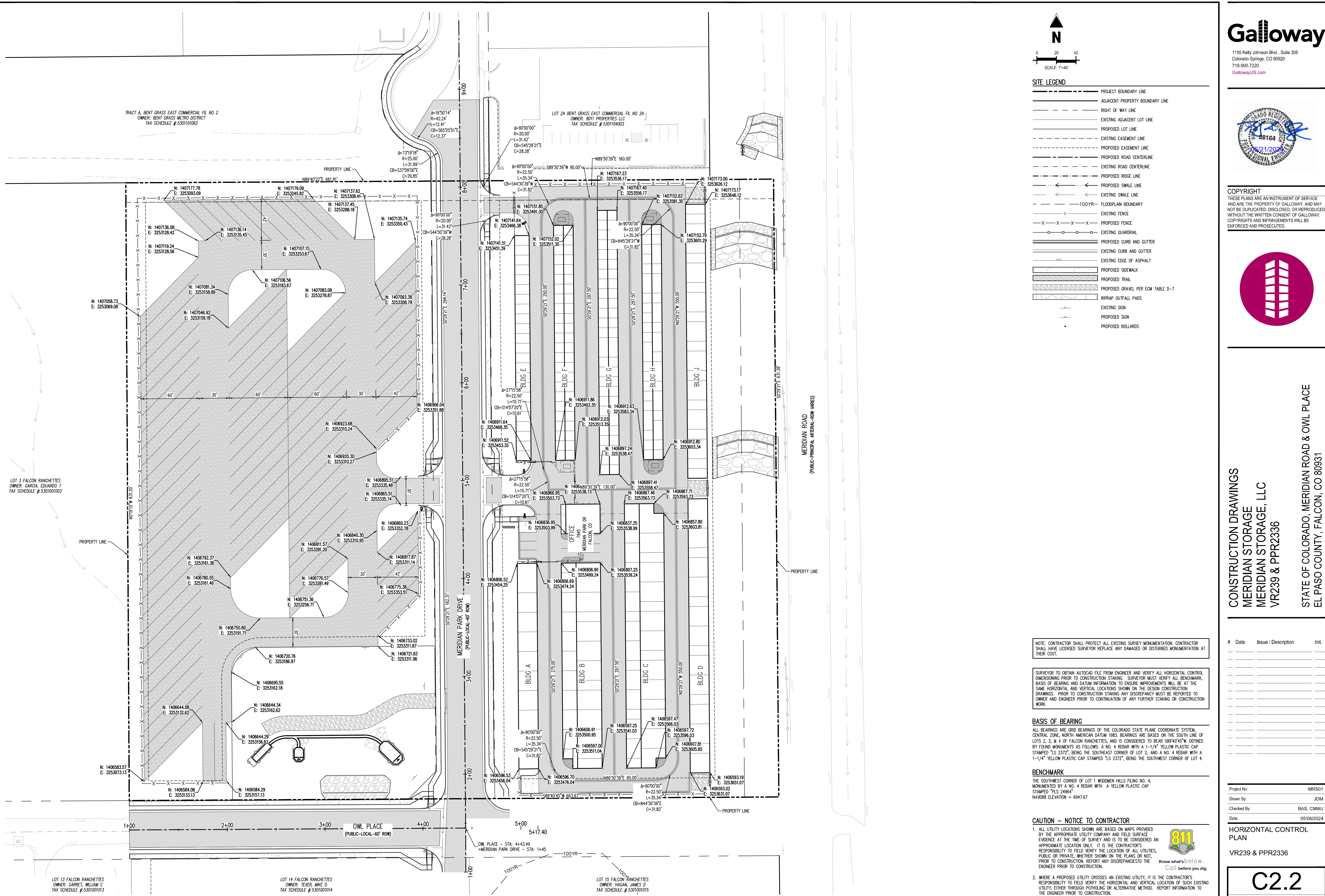
CONSTRUCTION DRAWINGS  
 MERIDIAN STORAGE  
 MERIDIAN STORAGE, LLC  
 VR239 & PPR2336  
 STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024







**SITE LEGEND**

---	PROJECT BOUNDARY LINE
- - -	ADJACENT PROPERTY BOUNDARY LINE
---	RIGHT OF WAY LINE
---	EXISTING ADJACENT LOT LINE
---	PROPOSED LOT LINE
---	EXISTING EASEMENT LINE
---	PROPOSED EASEMENT LINE
---	PROPOSED ROAD CENTERLINE
---	EXISTING ROAD CENTERLINE
---	PROPOSED RIDGE LINE
---	PROPOSED SWALE LINE
---	EXISTING SWALE LINE
---	100' YR FLOODPLAIN BOUNDARY
X X X X	EXISTING FENCE
X X X X	PROPOSED FENCE
---	EXISTING GUARDRAIL
---	PROPOSED CURB AND GUTTER
---	EXISTING CURB AND GUTTER
---	EXISTING EDGE OF ASPHALT
---	PROPOSED SIDEWALK
---	PROPOSED TRAIL
---	PROPOSED GRAVEL PER EGM TABLE D-7
---	RIPPAP OUTFALL PADS
---	EXISTING SIGN
---	PROPOSED SIGN
---	PROPOSED BOLLARDS

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**BASIS OF BEARING**  
 ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR S89°44'45"W, DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**  
 THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24964" NAVD88 ELEVATION = 6947.67

**CAUTION - NOTICE TO CONTRACTOR**  
 1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.  
 2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-Holing OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
**MERIDIAN STORAGE**  
**MERIDIAN STORAGE, LLC**  
**VR239 & PPR2336**  
 STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRSJ01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

**HORIZONTAL CONTROL PLAN**

VR239 & PPR2336

Vertical Storage LOD#22 03/18/2024 10:41 AM MB: Galloway US (1155 Kelly Johnson Blvd., Suite 305, Colorado Springs, CO 80920)

LOT 3 FALCON RANCHETTES  
 OWNER: GARCIA, EDUARDO T.  
 TAX SCHEDULE #530101003

TRACT A, BENT GRASS EAST COMMERCIAL FIL NO 2  
 OWNER: BENT GRASS METRO DISTRICT  
 TAX SCHEDULE #530101062

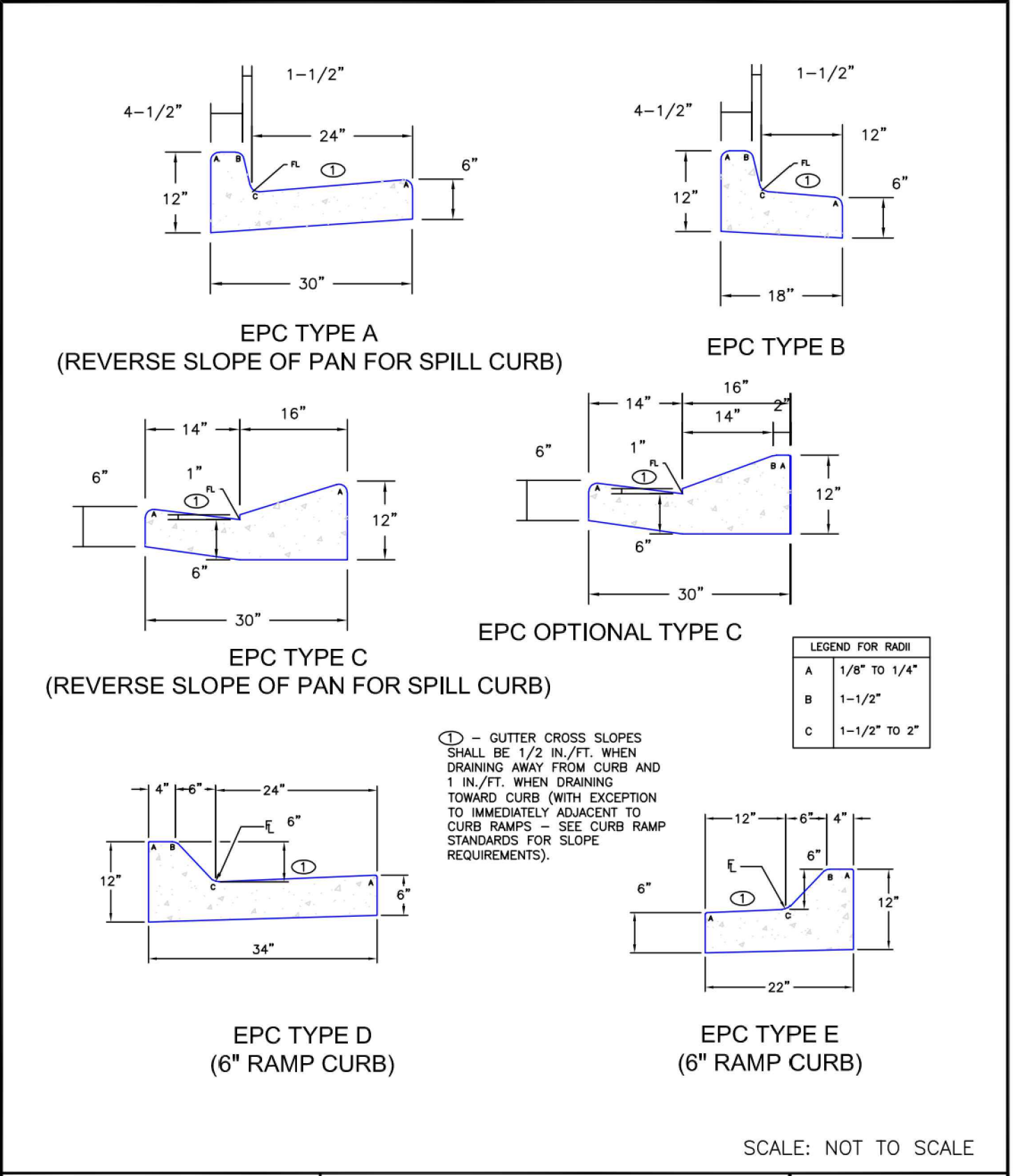
LOT 2A BENT GRASS EAST COMMERCIAL FIL NO 2A  
 OWNER: 8011 PROPERTIES LLC  
 TAX SCHEDULE #530104003

LOT 13 FALCON RANCHETTES  
 OWNER: GARRET, WILLIAM C.  
 TAX SCHEDULE #530101013

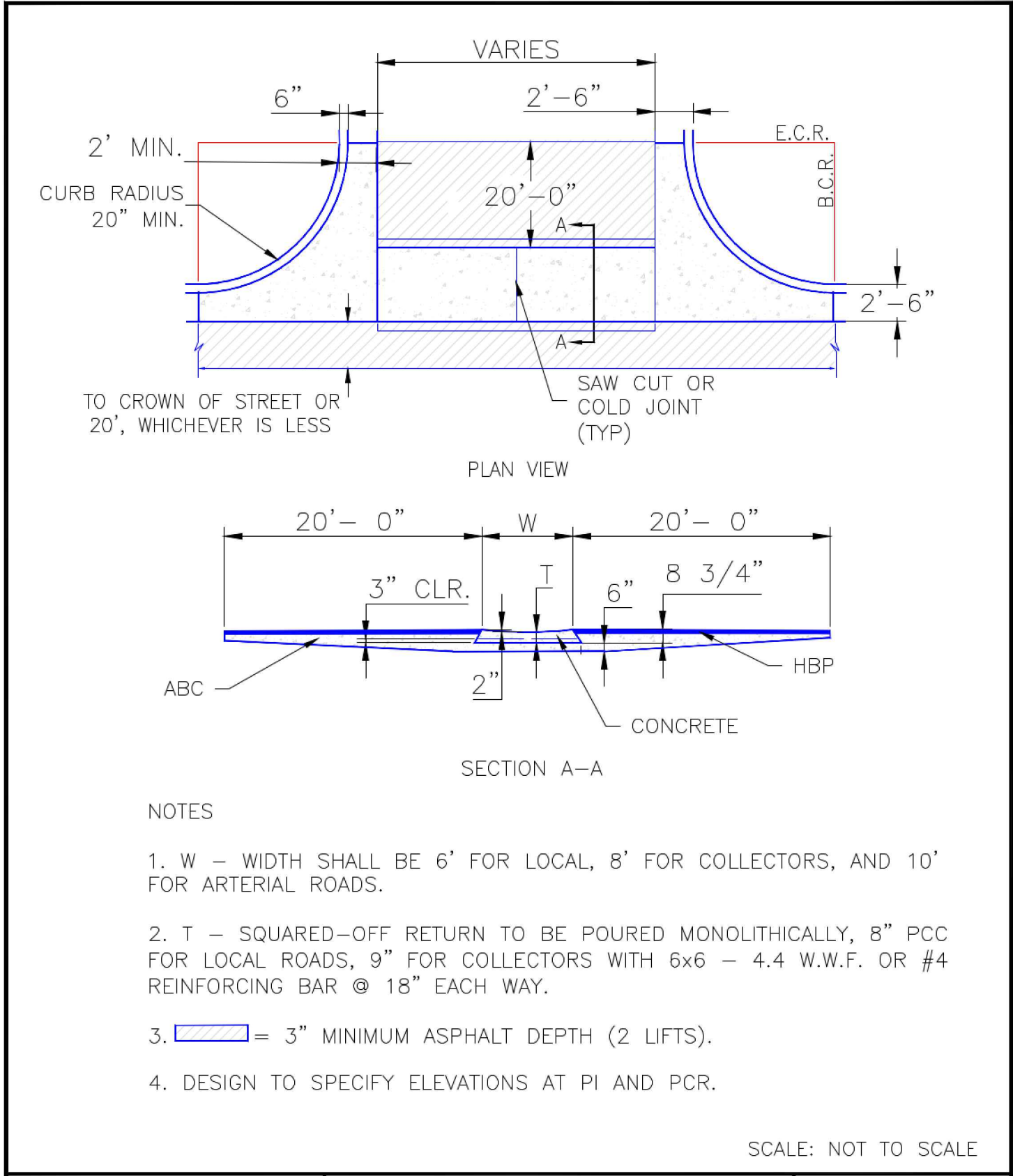
LOT 14 FALCON RANCHETTES  
 OWNER: TEXER, MIKE D.  
 TAX SCHEDULE #530101014

LOT 15 FALCON RANCHETTES  
 OWNER: HAGAN, JAMES D.  
 TAX SCHEDULE #530101015

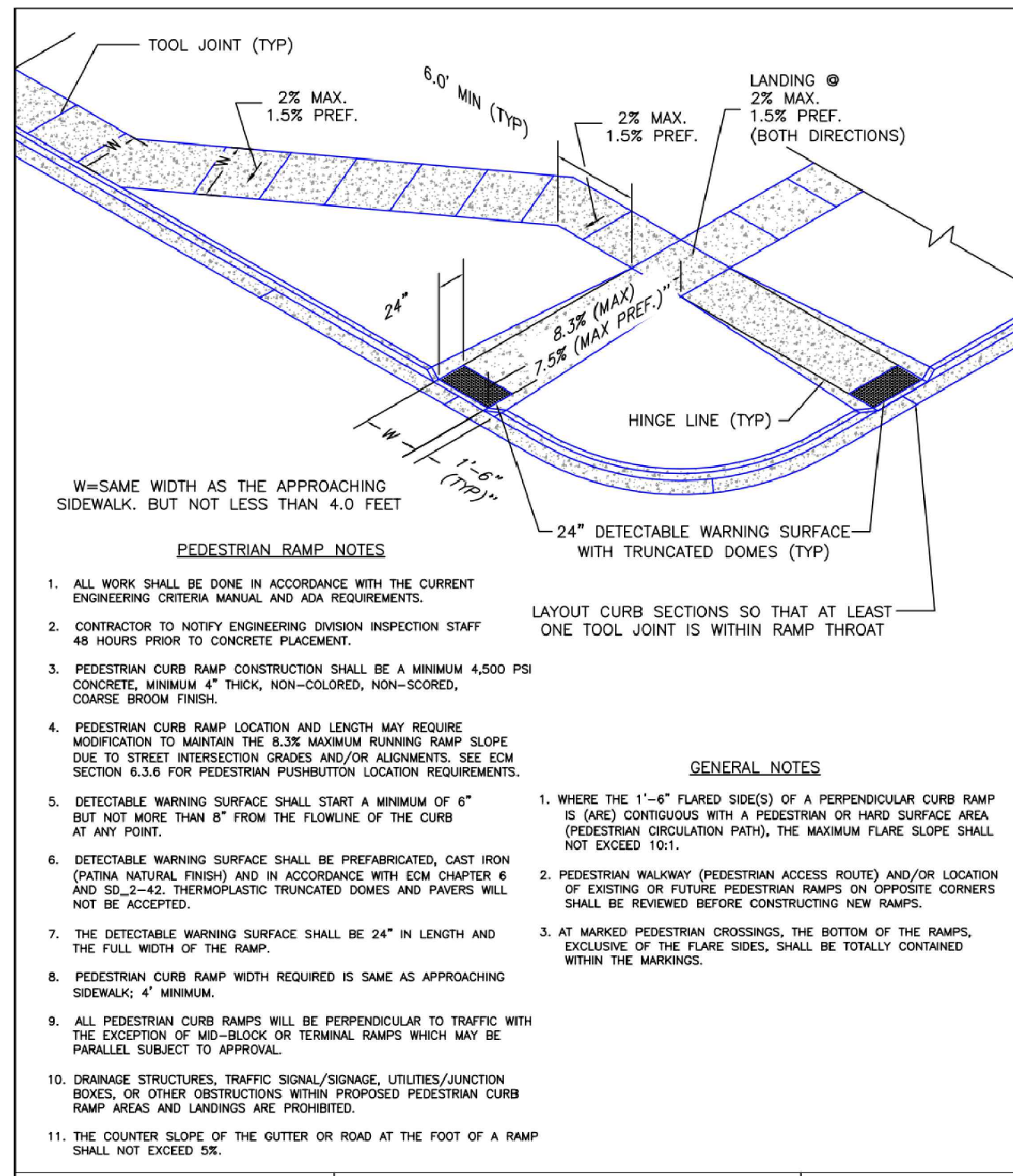




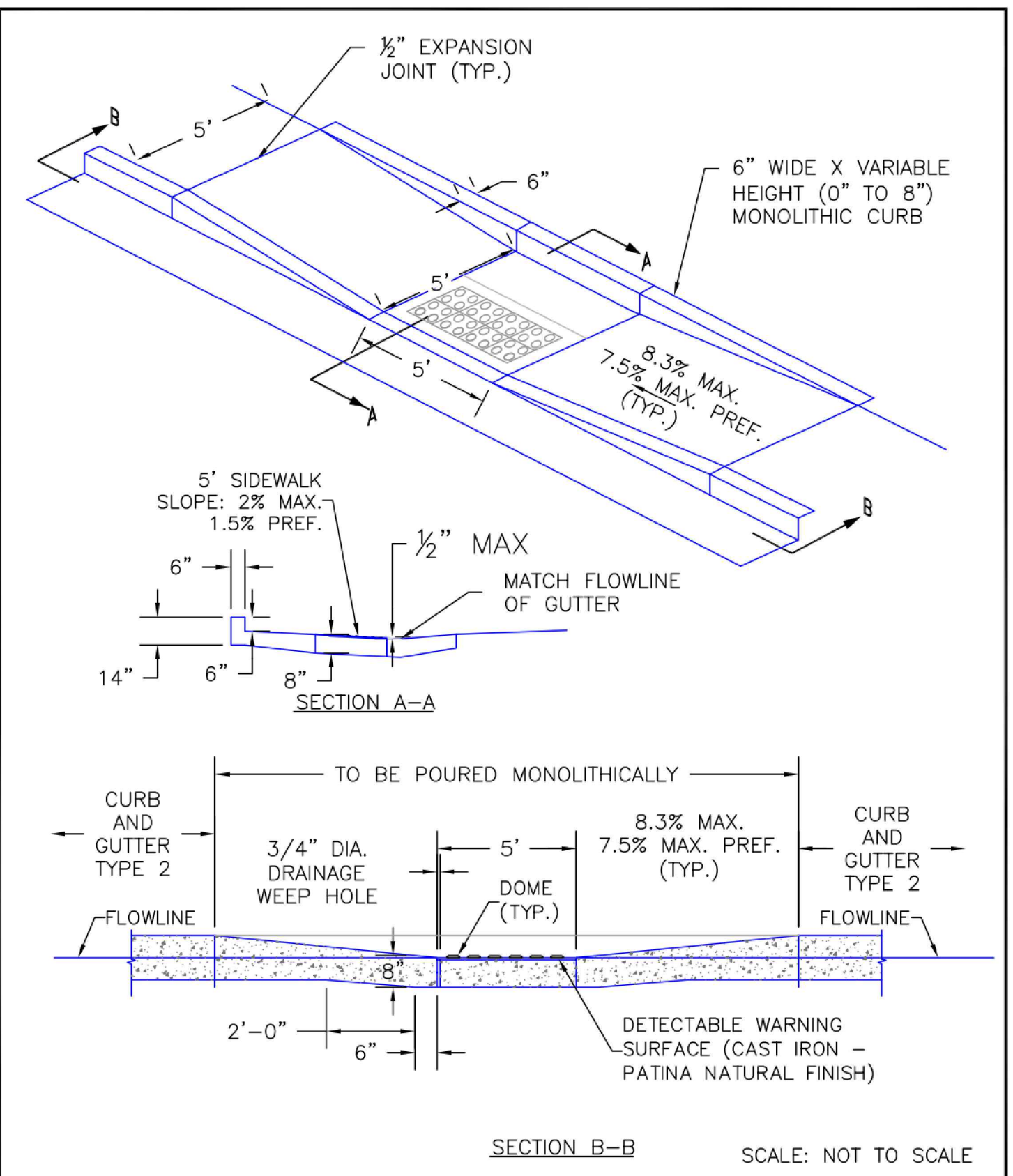
DATE APPROVED: <b>6/23/20</b>	Typical Curb and Gutter Details Standard Drawing		DEPARTMENT OF PUBLIC WORKS
REVISION DATE: Jennifer E. Irvine	REVISION DATE: <b>6/23/20</b>	FILE NAME: <b>SD_2-20</b>	



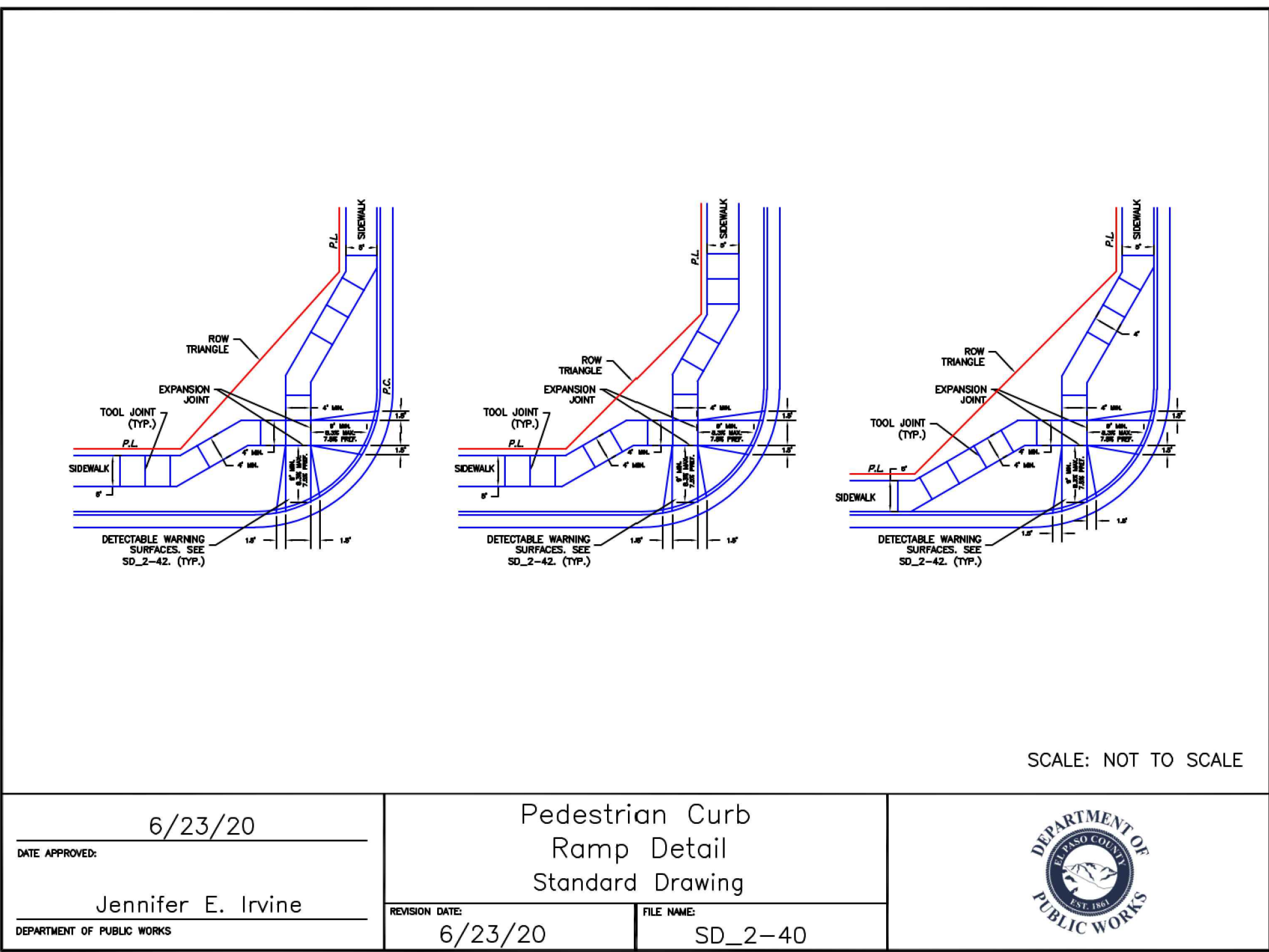
DATE APPROVED: <b>8/11/11</b>	Typical Cross Pan Layout Detail Standard Drawing		EL PASO COUNTY DEPARTMENT OF TRANSPORTATION
REVISION DATE: André P. Brackin	REVISION DATE: <b>12/8/15</b>	FILE NAME: <b>SD_2-26</b>	



DATE APPROVED: <b>6/23/20</b>	Pedestrian Curb Ramp Detail Standard Drawing		DEPARTMENT OF PUBLIC WORKS
REVISION DATE: Jennifer E. Irvine	REVISION DATE: <b>6/23/20</b>	FILE NAME: <b>SD_2-41</b>	



DATE APPROVED: <b>6/23/20</b>	Parallel Pedestrian Curb Ramp Detail Standard Drawing		DEPARTMENT OF PUBLIC WORKS
REVISION DATE: Jennifer E. Irvine	REVISION DATE: <b>6/23/20</b>	FILE NAME: <b>SD_2-50</b>	



DATE APPROVED: <b>6/23/20</b>	Pedestrian Curb Ramp Detail Standard Drawing		DEPARTMENT OF PUBLIC WORKS
REVISION DATE: Jennifer E. Irvine	REVISION DATE: <b>6/23/20</b>	FILE NAME: <b>SD_2-40</b>	



**COPYRIGHT**  
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



CONSTRUCTION DRAWINGS  
MERIDIAN STORAGE  
MERIDIAN STORAGE, LLC  
VR239 & PPR2336  
STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No:	MRS01
Drawn By:	JDM
Checked By:	BAS, CMWJ
Date:	05/06/2024

SITE DETAILS

VR239 & PPR2336

**SITE LEGEND**

- PROJECT BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY LINE
- EXISTING ADJACENT LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED ROAD CENTERLINE
- EXISTING ROAD CENTERLINE
- PROPOSED RIDGE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- FLOODPLAIN BOUNDARY
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING GUARDRAIL
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- EXISTING EDGE OF ASPHALT
- PROPOSED SIDEWALK
- PROPOSED TRAIL
- PROPOSED GRAVEL PER ECM TABLE D-7
- RIPRAP OUTFALL PADS
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED BOLLARDS

**UTILITY LEGEND**

- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING FIBER OPTIC LINE
- EXISTING FIBER OPTIC STRUCTURES
- EXISTING TELEPHONE PEDESTAL
- EXISTING ELECTRIC TRANSFORMER
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- EXISTING WATER METER
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING STORM SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE

**NOTES**

(A) PEDESTRIAN RAMP, SEE DETAILS (EPC SD\_2-40 & SD\_2-41)

(B) PROPOSED 6' CONCRETE CROSS PAV, SEE DETAIL (EPC SD\_2-26)

**NOTE:** CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

**NOTE:** CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

**CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.**

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**BASIS OF BEARING**

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR 5894045°W, DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHEAST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2377", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**

THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 2486" NAVD88 ELEVATION = 6947.67

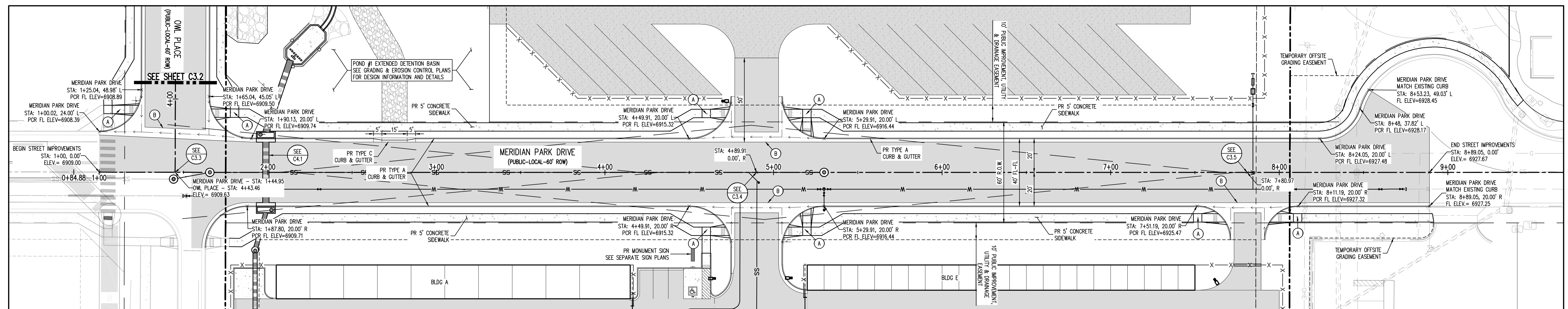
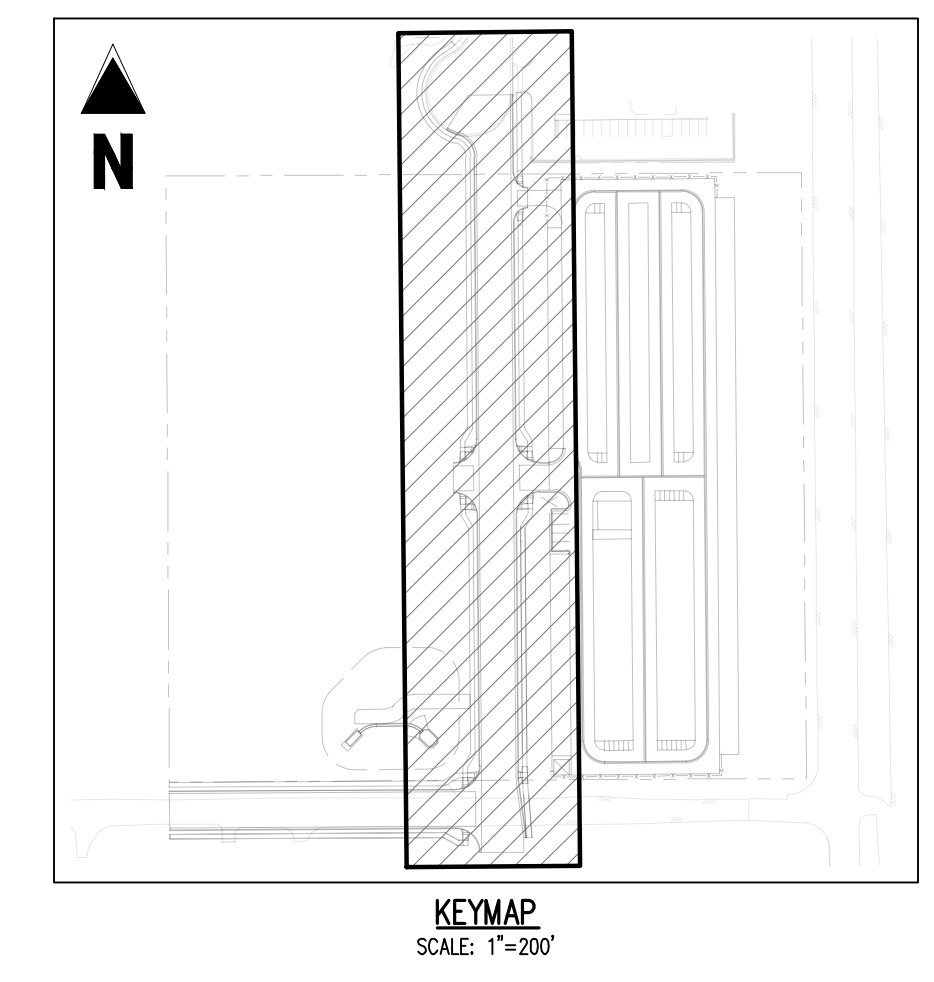
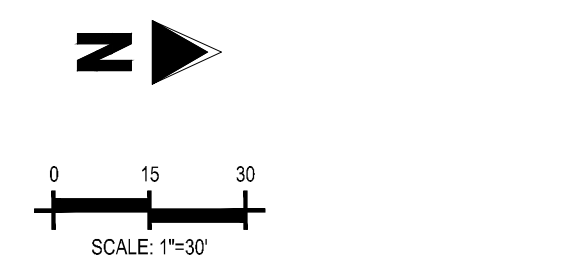
**CAUTION - NOTICE TO CONTRACTOR**

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

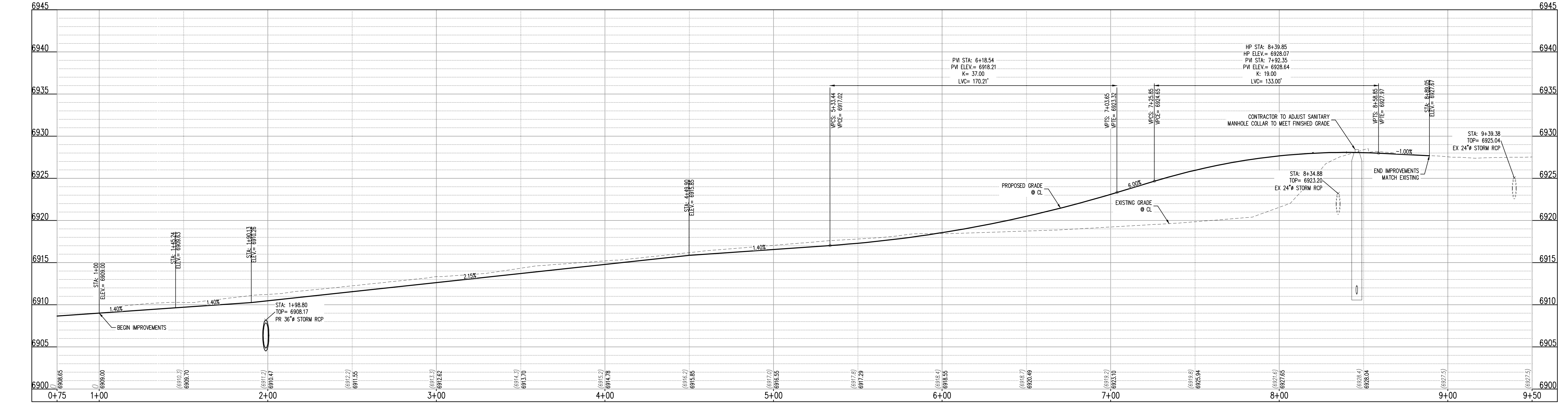
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLEING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

**PAVING LEGEND**

- PROPOSED CONCRETE
- EXISTING CONCRETE/ASPHALT PAVING
- PROPOSED ASPHALT PAVING



MERIDIAN PARK DRIVE - PUBLIC 60' R.O.W.  
25 MPH DESIGN SPEED (LOCAL)  
SCALE: 1"=30'



MERIDIAN DRIVE PARK (STA: 0+75 - 9+50)  
SCALE: HORIZONTAL 1"=30', VERTICAL 1"=6'

**Galloway**

1155 Kelly Johnson Blvd., Suite 305  
Colorado Springs, CO 80920  
719.900.7220  
GallowayUS.com



**COPYRIGHT**

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
**MERIDIAN STORAGE**  
**MERIDIAN STORAGE, LLC**  
**VR239 & PPR2336**

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
Drawn By: JDM  
Checked By: BAS, CMWJ  
Date: 05/08/2024







**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



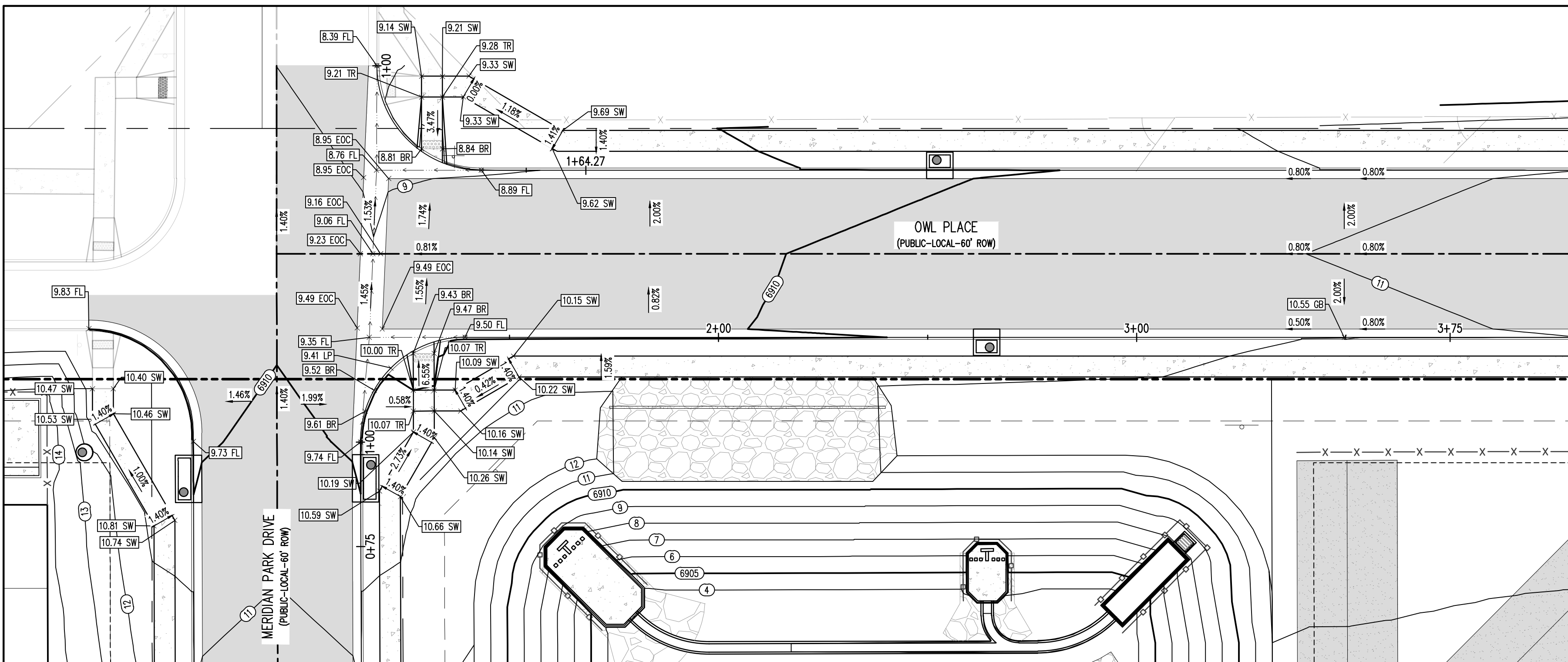
CONSTRUCTION DRAWINGS  
 MERIDIAN STORAGE  
 MERIDIAN STORAGE, LLC  
 VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

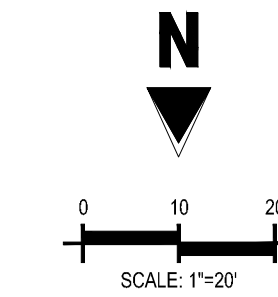
#	Date	Issue / Description	Init.

Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

INTERSECTION DETAILS

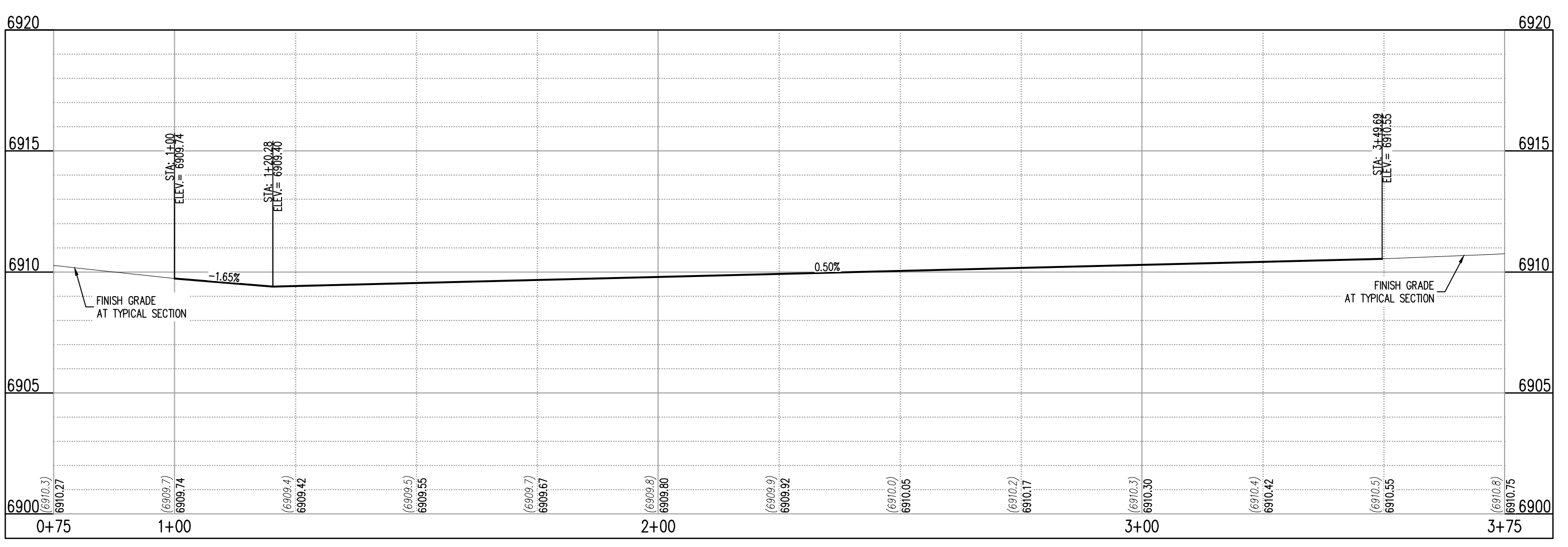
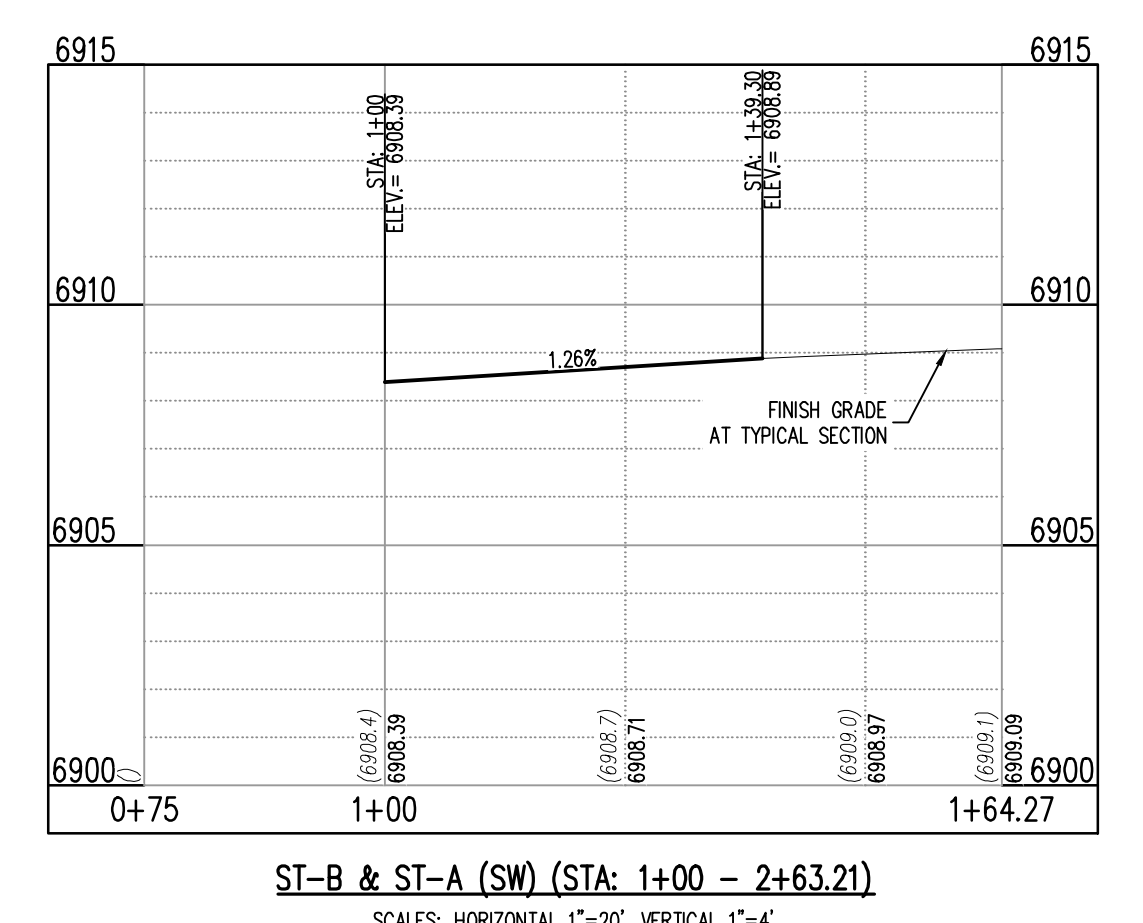


**MERIDIAN PARK DRIVE (B) & OWL PLACE (A) - PUBLIC 60' R.O.W.**  
 25 MPH DESIGN SPEED (LOCAL)  
 SCALE: 1"=20'



- UTILITY LEGEND**
- W- EXISTING WATER LINE
  - W- PROPOSED WATER LINE
  - SS- EXISTING SANITARY SEWER
  - SS- PROPOSED SANITARY SEWER
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - G- EXISTING GAS LINE
  - G- PROPOSED GAS LINE
  - T- EXISTING UNDERGROUND TELEPHONE
  - OHE- EXISTING OVERHEAD ELECTRIC
  - FO- EXISTING FIBER OPTIC LINE
  - (FO) PROPOSED FIBER OPTIC STRUCTURES
  - ⊙ EXISTING TELEPHONE PEDESTAL
  - ⊕ EXISTING ELECTRIC TRANSFORMER
  - ⊥ EXISTING POWER POLE
  - ⊙ EXISTING STREET LIGHT
  - ⊙ PROPOSED STREET LIGHT
  - ⊙ PROPOSED WATER METER
  - ⊙ EXISTING WATER VALVE
  - ⊙ PROPOSED WATER VALVE
  - ⊙ EXISTING FIRE HYDRANT
  - ⊙ PROPOSED FIRE HYDRANT
  - ⊙ EXISTING STORM SEWER MANHOLE
  - ⊙ PROPOSED STORM SEWER MANHOLE
  - ⊙ EXISTING SANITARY SEWER MANHOLE
  - ⊙ PROPOSED SANITARY SEWER MANHOLE

- DETAIL GRADING LEGEND**
- PROPERTY BOUNDARY LINE
  - ADJACENT PROPERTY BOUNDARY LINE
  - RIGHT OF WAY BOUNDARY LINE
  - PROPOSED LOT LINE
  - PROPOSED EASEMENT LINE
  - ROAD CENTERLINE
  - PROPOSED SWALE FLOWLINE
  - PROPOSED CURB AND GUTTER
  - PROPOSED SIDEWALK
  - (5485) PROPOSED MAJOR CONTOUR
  - (66) PROPOSED MINOR CONTOUR
  - 2.00% PROPOSED SLOPE - PERCENT
  - 4:1 PROPOSED SLOPE - RISE/RUN
  - ⊙ (89.00 HP) PROPOSED SPOT ELEVATION - HIGH POINT
  - ⊙ (89.00 LP) PROPOSED SPOT ELEVATION - LOW POINT
  - ⊙ (89.00 TR) PROPOSED SPOT ELEVATION - TOP OF RAMP
  - ⊙ (89.00 BR) PROPOSED SPOT ELEVATION - BOTTOM OF RAMP
  - ⊙ (89.00 FL) PROPOSED SPOT ELEVATION - FLOW LINE
  - ⊙ (89.00 CL) PROPOSED SPOT ELEVATION - ROADWAY CENTER LINE
  - ⊙ (89.00 TCB) PROPOSED SPOT ELEVATION - TOP BACK OF CURB
  - ⊙ (89.00 LIP) PROPOSED SPOT ELEVATION - LIP OF GUTTER
  - ⊙ (89.00 FG) PROPOSED SPOT ELEVATION - FINISHED GRADE
  - ⊙ (89.00 SW) PROPOSED SPOT ELEVATION - SIDEWALK
  - ⊙ (89.00 EOC) PROPOSED SPOT ELEVATION - EDGE OF CONCRETE
  - ⊙ (89.00 EOA) PROPOSED SPOT ELEVATION - EDGE OF ASPHALT



NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

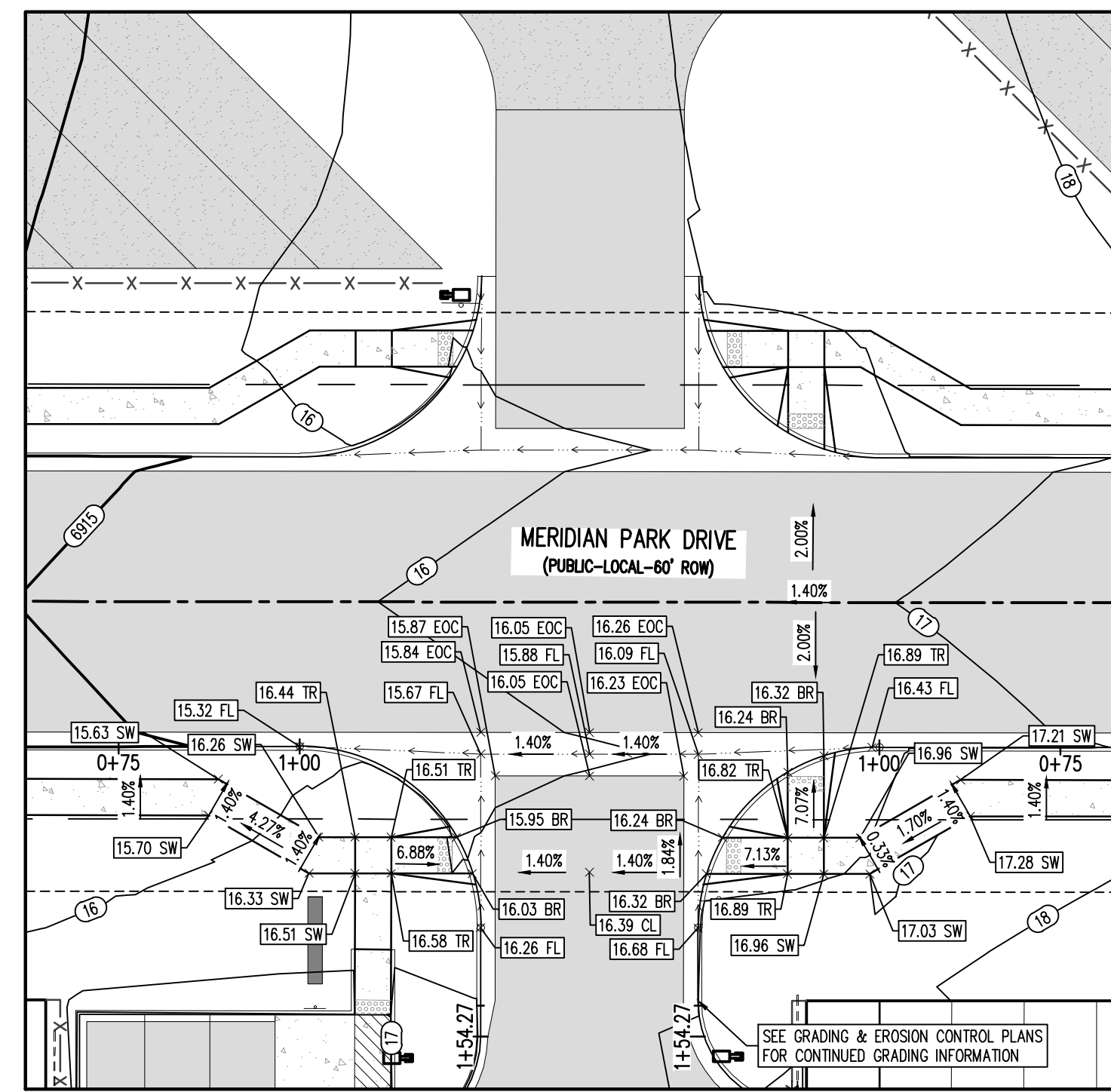
SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**BASIS OF BEARING**  
 ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANGETTES, AND IS CONSIDERED TO BEAR 58940'45"W, DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

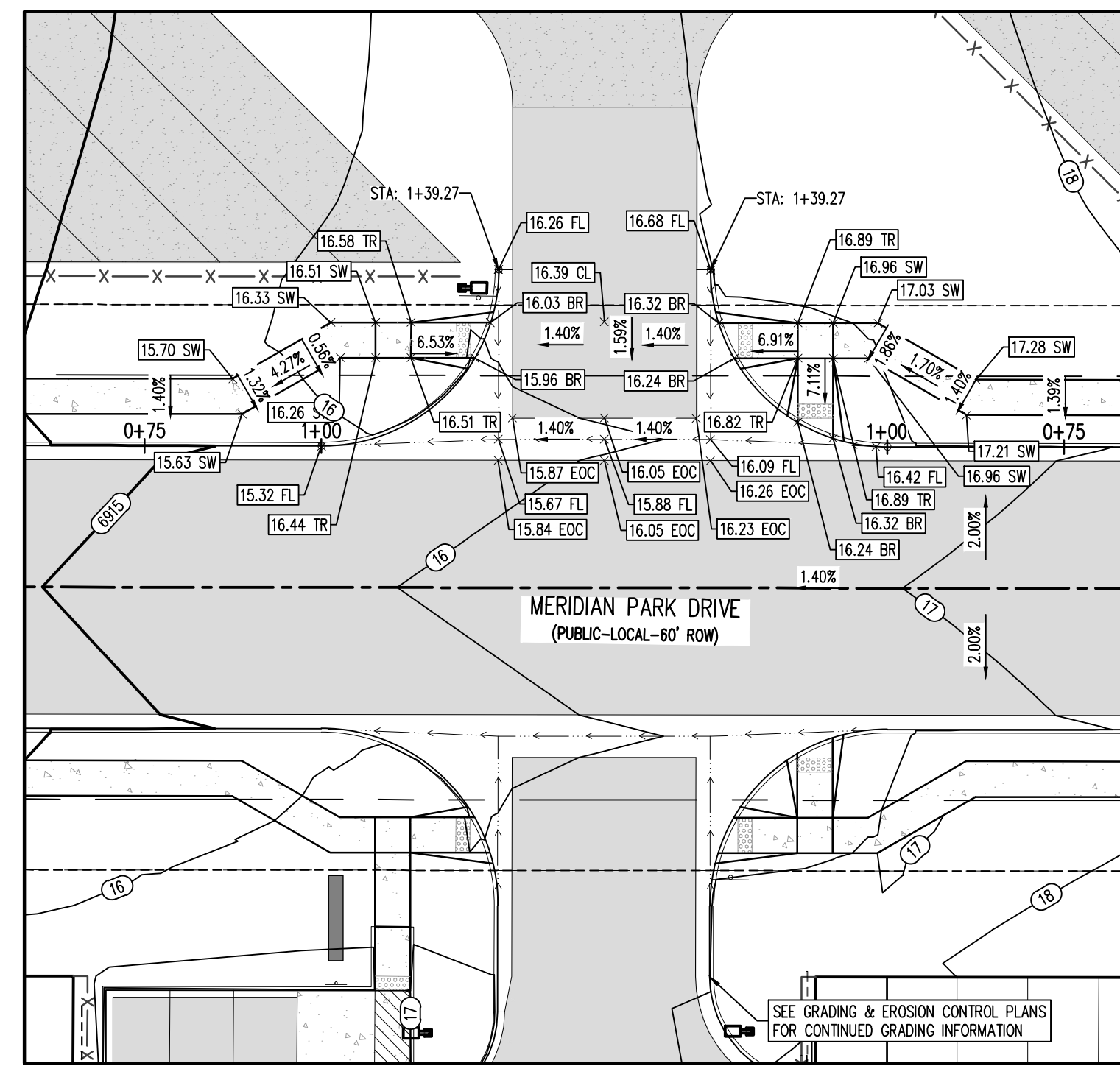
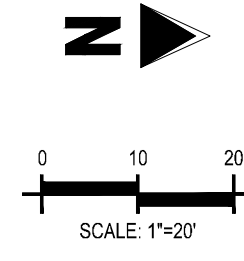
**BENCHMARK**  
 THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FLING NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24964"  
 NAVD88 ELEVATION = 6947.67

**CAUTION - NOTICE TO CONTRACTOR**  
 1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.  
 2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

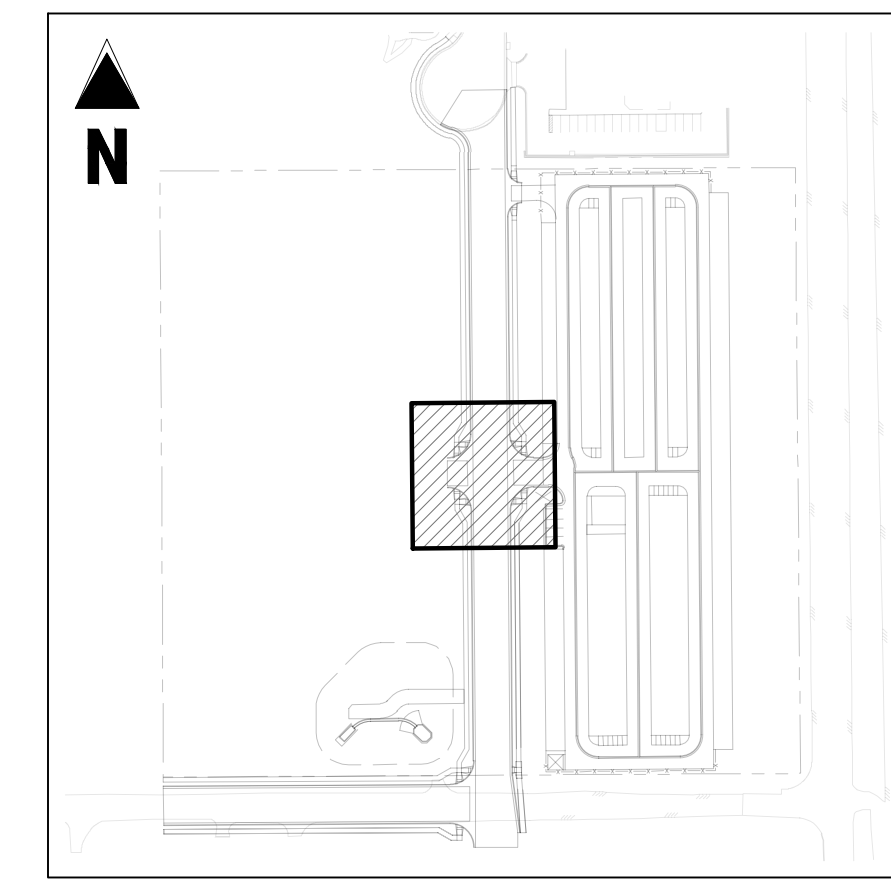
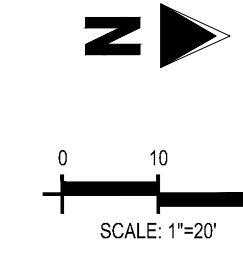




**MERIDIAN PARK DRIVE (B) & STREET C (EAST SIDE) - PUBLIC 60' R.O.W.**  
**25 MPH DESIGN SPEED (LOCAL)**  
 SCALE: 1"=20'



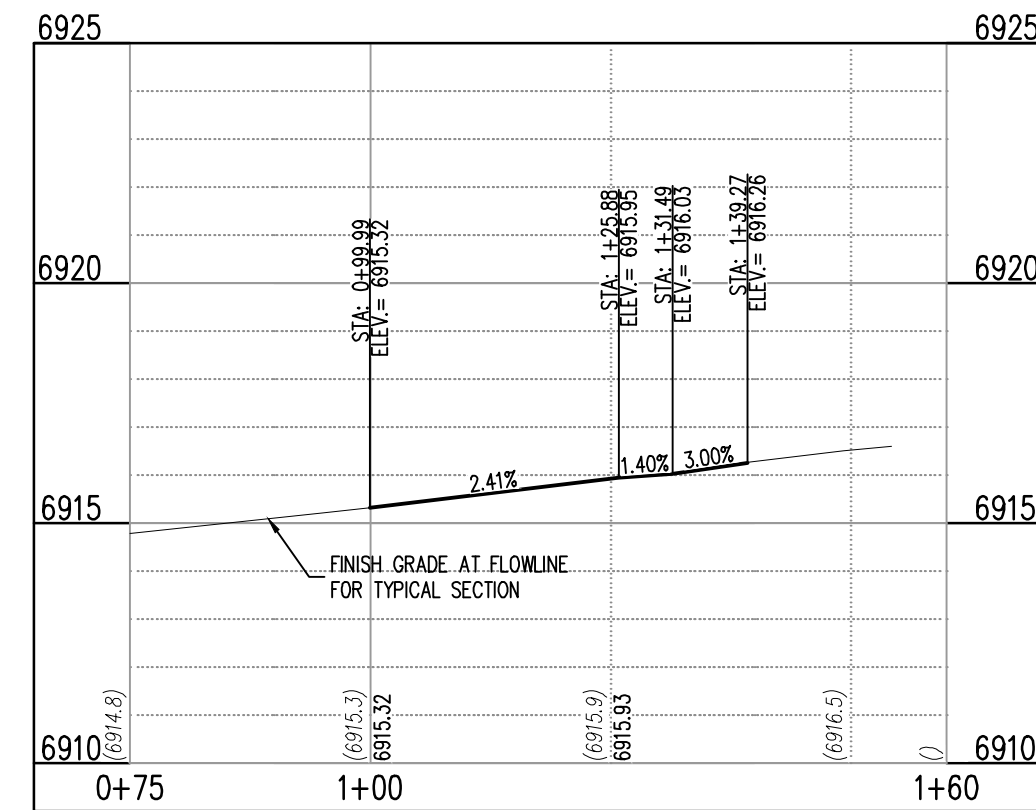
**MERIDIAN PARK DRIVE (B) & STREET C (WEST SIDE) - PUBLIC 60' R.O.W.**  
**25 MPH DESIGN SPEED (LOCAL)**  
 SCALE: 1"=20'



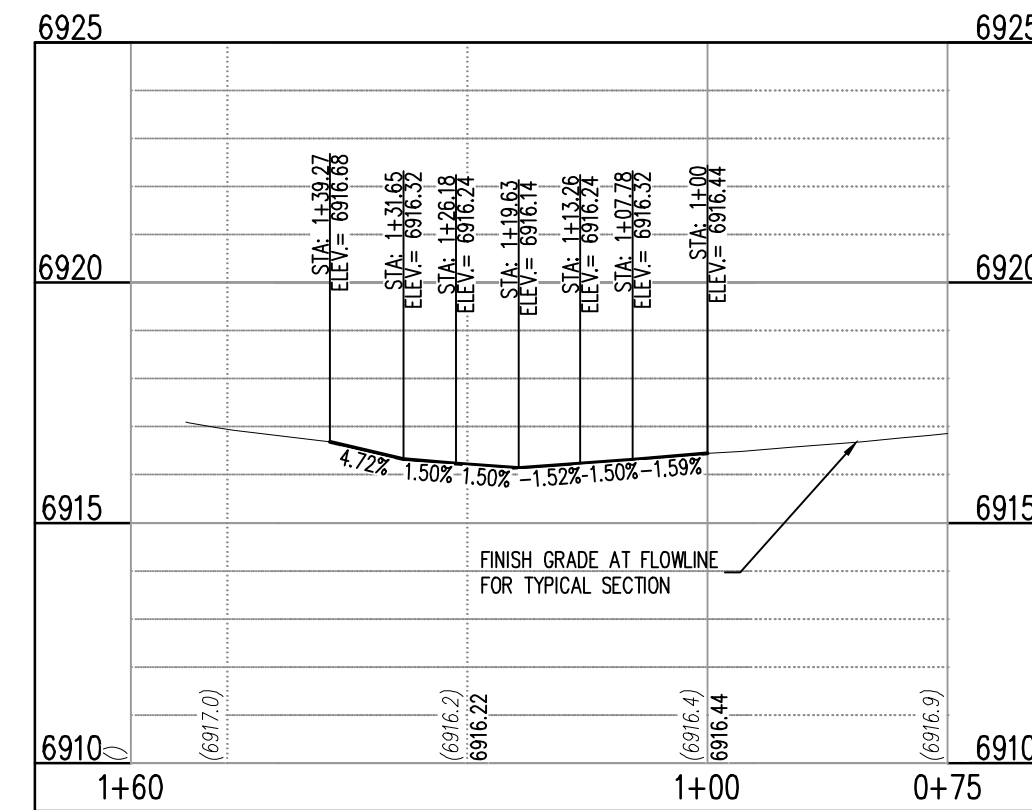
**KEYMAP**  
 SCALE: 1"=200'

**DETAIL GRADING LEGEND**

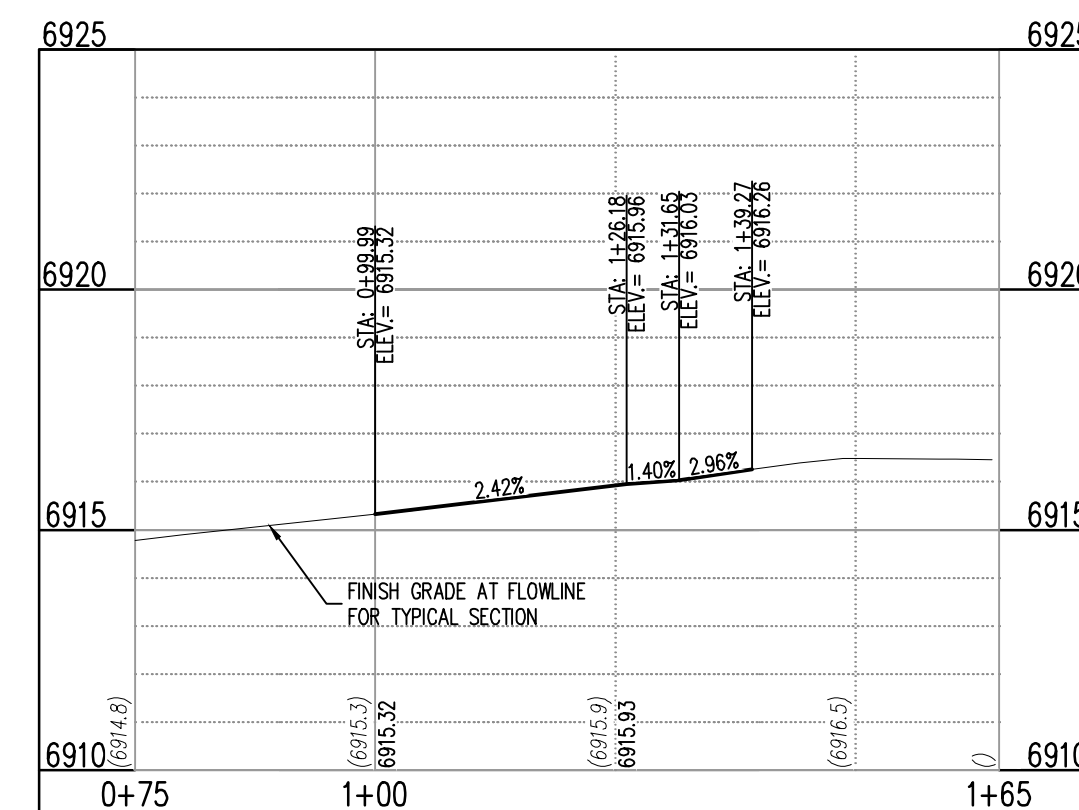
- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY BOUNDARY LINE
- - - PROPOSED LOT LINE
- - - PROPOSED EASEMENT LINE
- ROAD CENTERLINE
- PROPOSED SWALE FLOWLINE
- PROPOSED CURB AND GUTTER
- PROPOSED SIDEWALK
- 5485 — PROPOSED MAJOR CONTOUR
- 66 — PROPOSED MINOR CONTOUR
- 2.00% — PROPOSED SLOPE - PERCENT
- 4:1 — PROPOSED SLOPE - RISE/RUN
- 89.00 HP — PROPOSED SPOT ELEVATION - HIGH POINT
- 89.00 LP — PROPOSED SPOT ELEVATION - LOW POINT
- 89.00 TR — PROPOSED SPOT ELEVATION - TOP OF RAMP
- 89.00 BR — PROPOSED SPOT ELEVATION - BOTTOM OF RAMP
- 89.00 FL — PROPOSED SPOT ELEVATION - FLOWLINE
- 89.00 CL — PROPOSED SPOT ELEVATION - ROADWAY CENTER LINE
- 89.00 TBC — PROPOSED SPOT ELEVATION - TOP BACK OF CURB
- 89.00 LIP — PROPOSED SPOT ELEVATION - LIP OF GUTTER
- 89.00 FG — PROPOSED SPOT ELEVATION - FINISHED GRADE
- 89.00 SW — PROPOSED SPOT ELEVATION - SIDEWALK
- 89.00 EOC — PROPOSED SPOT ELEVATION - EDGE OF CONCRETE
- 89.00 EOA — PROPOSED SPOT ELEVATION - EDGE OF ASPHALT



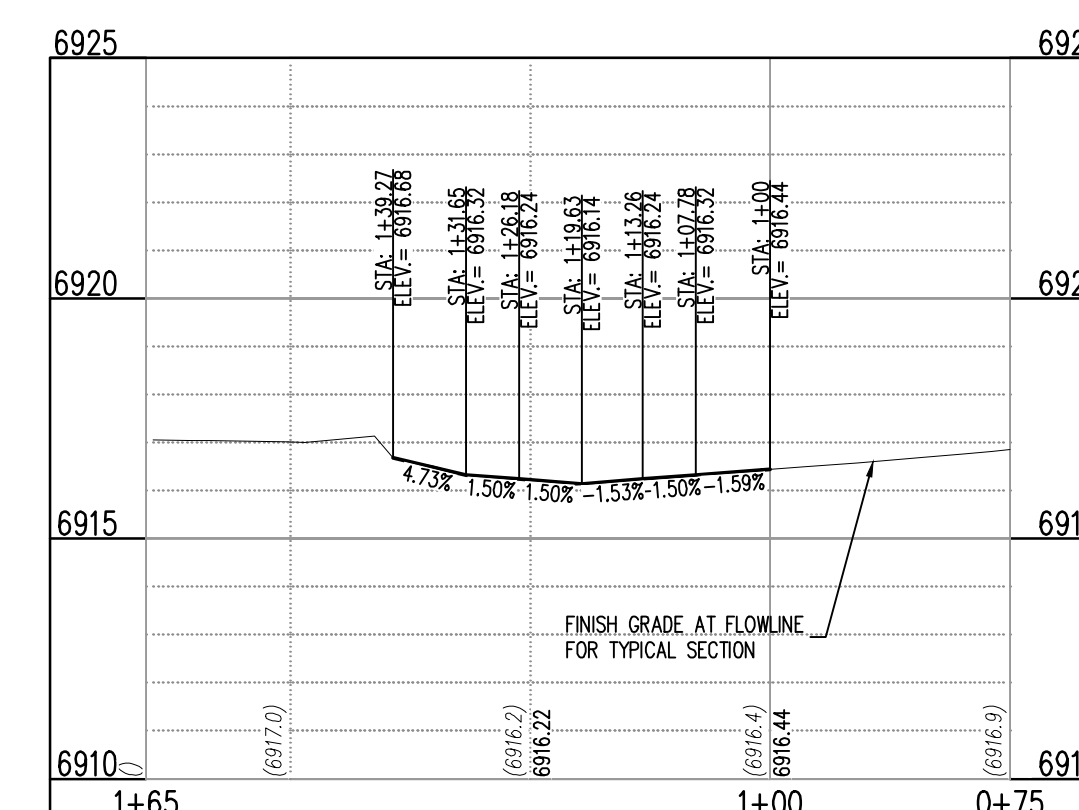
**ST-B & ST-C (EAST) (SE) (STA: 0+75 - 1+54.27)**  
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=4'



**ST-B & ST-C (EAST) (NE) (STA: 0+75 - 1+54.27)**  
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=4'



**ST-B & ST-C (WEST) (SW) (STA: 0+75 - 1+64.27)**  
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=4'



**ST-B & ST-C (WEST) (NW) (STA: 0+75 - 1+64.27)**  
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=4'

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**BASIS OF BEARING**

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANGHETTES, AND IS CONSIDERED TO BEAR 58940'45"W, DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**

THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FLUNG NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24984"

NAVD88 ELEVATION = 6947.67

**CAUTION - NOTICE TO CONTRACTOR**

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
**MERIDIAN STORAGE**  
**MERIDIAN STORAGE, LLC**  
**VR239 & PPR2336**

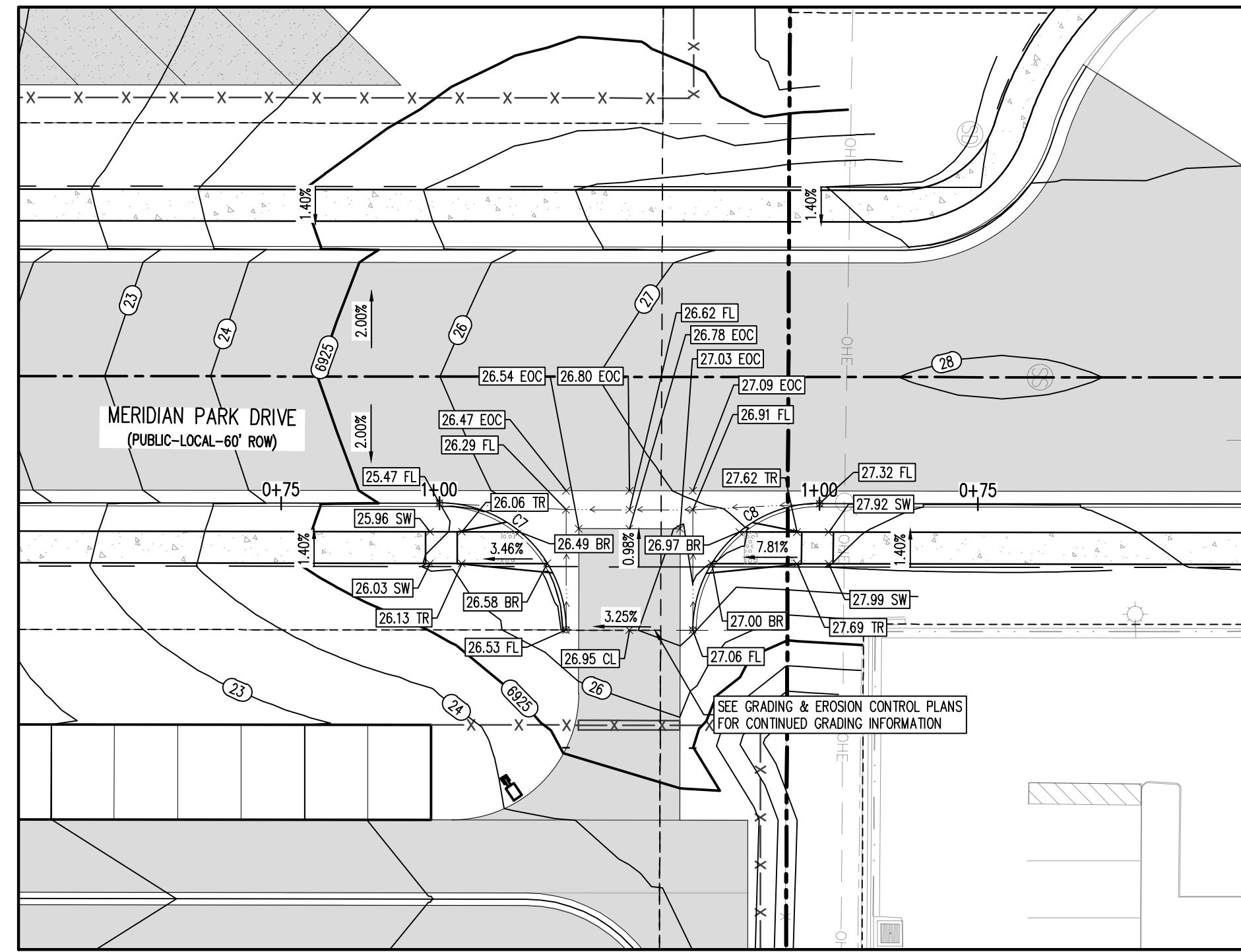
**STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE**  
**EL PASO COUNTY, FALCON, CO 80931**

#	Date	Issue / Description	Init.

Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

**INTERSECTION DETAILS**

\\msb\storage\LOD\311\Drawings\1155511 - 20240506\CONSTRUCTION\Drawings\C3.4 - Intersection Details.dwg - 20240506 10:50:00 AM



MERIDIAN PARK DRIVE (B) & STREET D - PUBLIC 60' R.O.W.  
 25 MPH DESIGN SPEED (LOCAL)  
 SCALE: 1"=20'

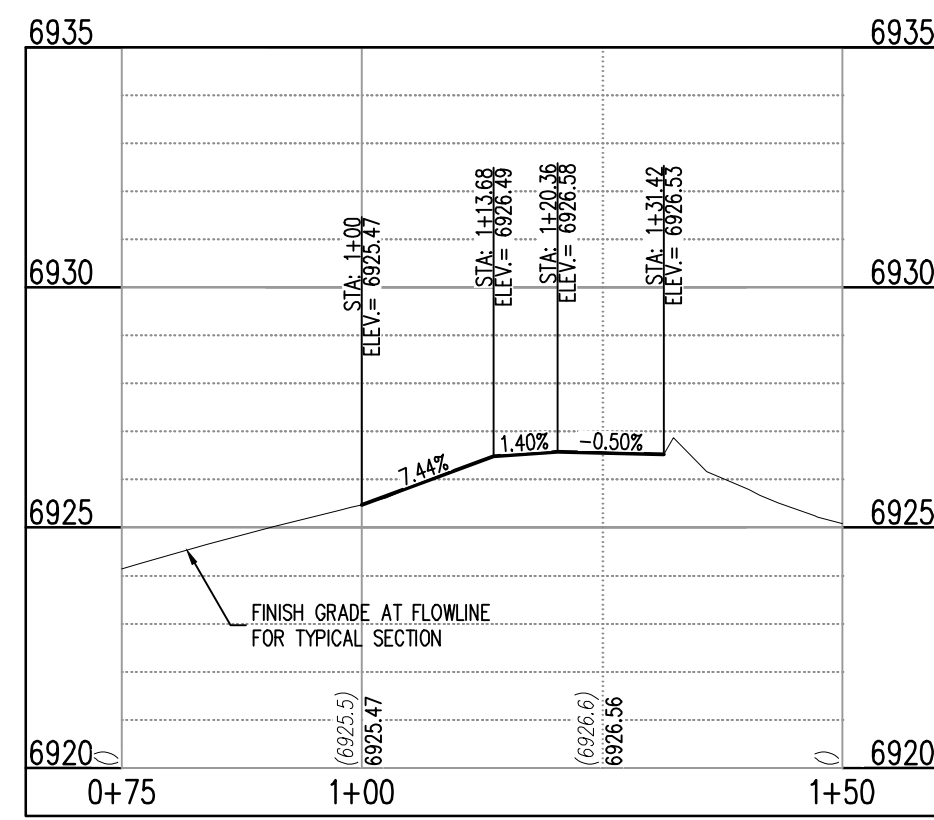
FLOW LINE CURVE SEGMENT TABLE					
CURVE TAG #	DELTA	LENGTH (FT)	RADIUS (FT)	CHORD BEARING	CHORD LENGTH (FT)
C7	90°00'00"	31.42	20.00	S44°30'39"W	28.28
C8	90°00'00"	31.42	20.00	S45°29'21"E	28.28

**UTILITY LEGEND**

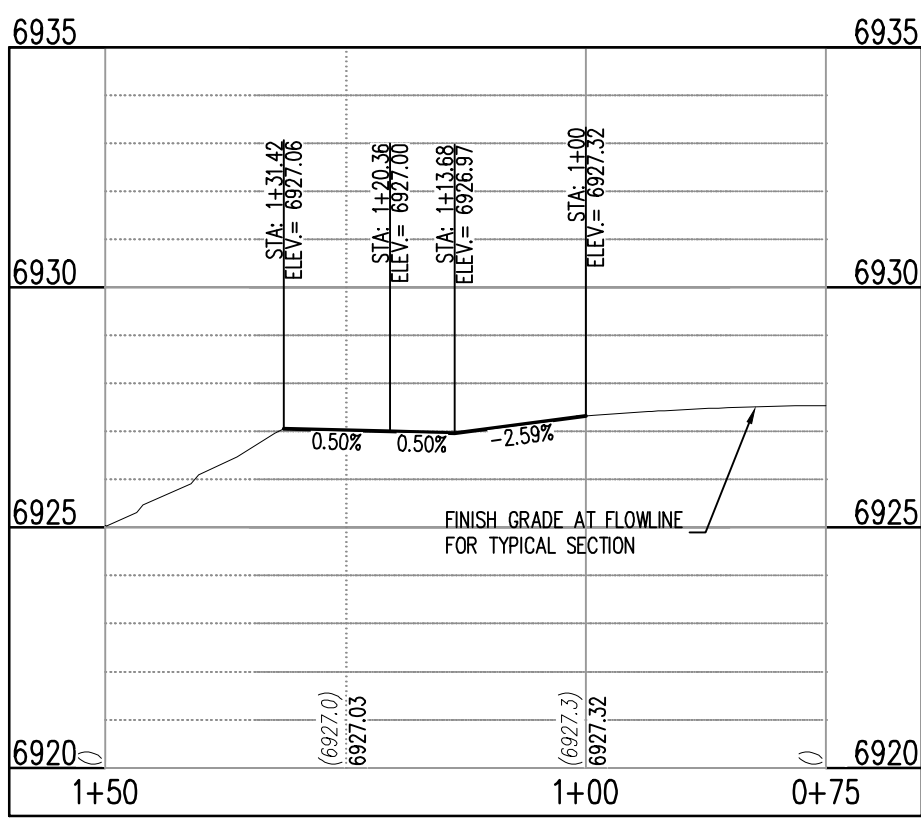
- W- - EXISTING WATER LINE
- W- - PROPOSED WATER LINE
- SS- - EXISTING SANITARY SEWER
- SS- - PROPOSED SANITARY SEWER
- SS- - EXISTING STORM SEWER
- SS- - PROPOSED STORM SEWER
- G- - EXISTING GAS LINE
- G- - PROPOSED GAS LINE
- T- - EXISTING UNDERGROUND TELEPHONE
- T- - PROPOSED UNDERGROUND TELEPHONE
- OHE- - EXISTING OVERHEAD ELECTRIC
- FO- - EXISTING FIBER OPTIC LINE
- [T] - EXISTING TELEPHONE STRUCTURES
- [E] - EXISTING ELECTRICAL TRANSFORMER
- [P] - EXISTING POWER POLE
- [L] - EXISTING STREET LIGHT
- [L] - PROPOSED STREET LIGHT
- [V] - EXISTING WATER VALVE
- [V] - PROPOSED WATER VALVE
- [F] - EXISTING FIRE HYDRANT
- [F] - PROPOSED FIRE HYDRANT
- [M] - EXISTING STORM SEWER MANHOLE
- [M] - PROPOSED STORM SEWER MANHOLE
- [M] - EXISTING SANITARY SEWER MANHOLE
- [M] - PROPOSED SANITARY SEWER MANHOLE

**DETAIL GRADING LEGEND**

- - - - - PROPERTY BOUNDARY LINE
- - - - - ADJACENT PROPERTY BOUNDARY LINE
- - - - - RIGHT OF WAY BOUNDARY LINE
- - - - - PROPOSED LOT LINE
- - - - - PROPOSED EASEMENT LINE
- - - - - ROAD CENTERLINE
- - - - - PROPOSED SWALE FLOWLINE
- - - - - PROPOSED CURB AND GUTTER
- - - - - PROPOSED SIDEWALK
- [S485] - PROPOSED MAJOR CONTOUR
- [66] - PROPOSED MINOR CONTOUR
- [2.00%] - PROPOSED SLOPE - PERCENT
- [4:1] - PROPOSED SLOPE - RISE/RUN
- [89.00 HP] - PROPOSED SPOT ELEVATION - HIGH POINT
- [89.00 LP] - PROPOSED SPOT ELEVATION - LOW POINT
- [89.00 TR] - PROPOSED SPOT ELEVATION - TOP OF RAMP
- [89.00 BR] - PROPOSED SPOT ELEVATION - BOTTOM OF RAMP
- [89.00 FL] - PROPOSED SPOT ELEVATION - FLOW LINE
- [89.00 CL] - PROPOSED SPOT ELEVATION - ROADWAY CENTER LINE
- [89.00 TBC] - PROPOSED SPOT ELEVATION - TOP BACK OF CURB
- [89.00 LIP] - PROPOSED SPOT ELEVATION - LIP OF GUTTER
- [89.00 FG] - PROPOSED SPOT ELEVATION - FINISHED GRADE
- [89.00 SW] - PROPOSED SPOT ELEVATION - SIDEWALK
- [89.00 EOC] - PROPOSED SPOT ELEVATION - EDGE OF CONCRETE
- [89.00 EOA] - PROPOSED SPOT ELEVATION - EDGE OF ASPHALT



ST-B & ST-D (STA: 0+75 - 1+48.56)  
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=6'



ST-B & ST-D (STA: 0+75 - 1+48.56)  
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=6'

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**BASIS OF BEARING**

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR S89°40'45"W, DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**

THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FLUNG NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24964".  
 NAVD88 ELEVATION = 6947.67

**CAUTION - NOTICE TO CONTRACTOR**

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.



2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLES OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRAINGEMENTS WILL BE ENFORCED AND PROSECUTED.



CONSTRUCTION DRAWINGS  
 MERIDIAN STORAGE  
 MERIDIAN STORAGE, LLC  
 VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

**INTERSECTION DETAILS**

**C3.5**  
 Sheet 12 of 25



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
**MERIDIAN STORAGE**  
**MERIDIAN STORAGE, LLC**  
**VR239 & PPR2336**

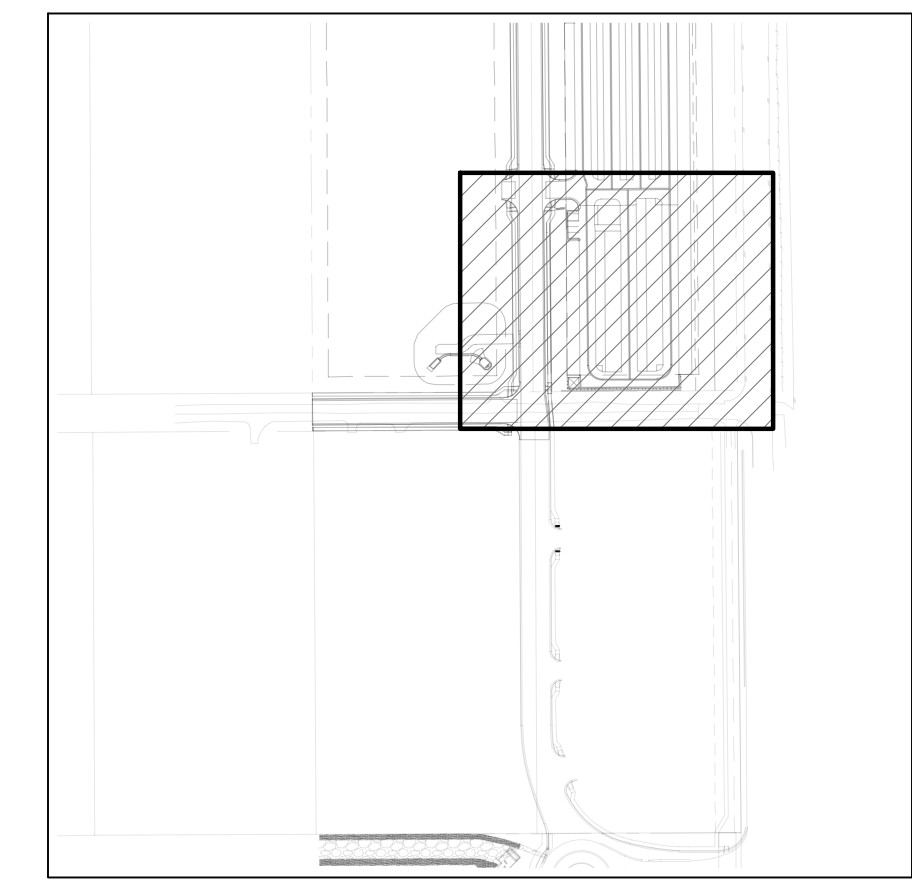
STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

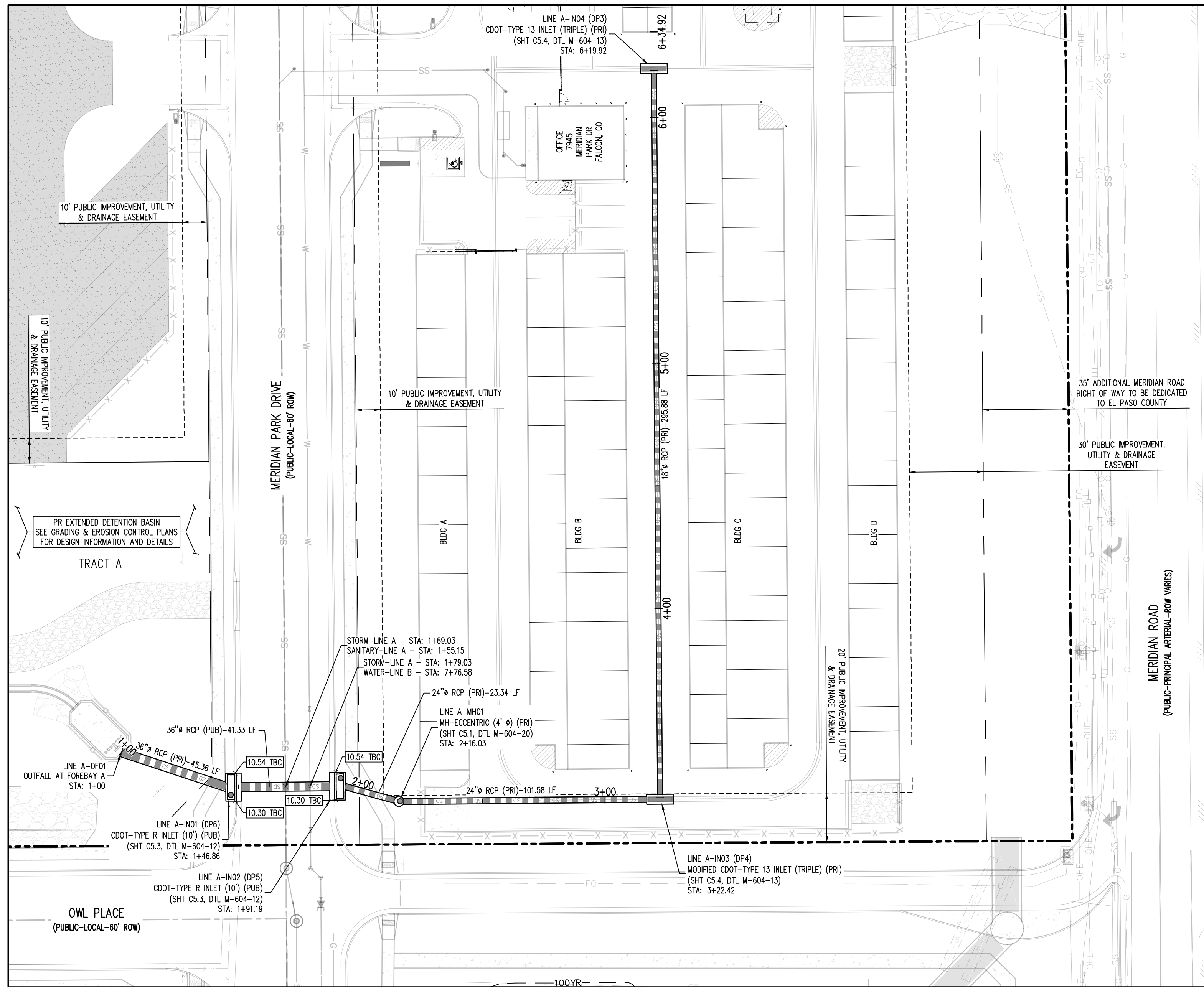
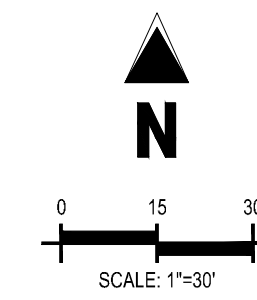
Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

STORM DRAIN PLAN

VR239 & PPR2336



KEYMAP  
 SCALE: 1"=300'



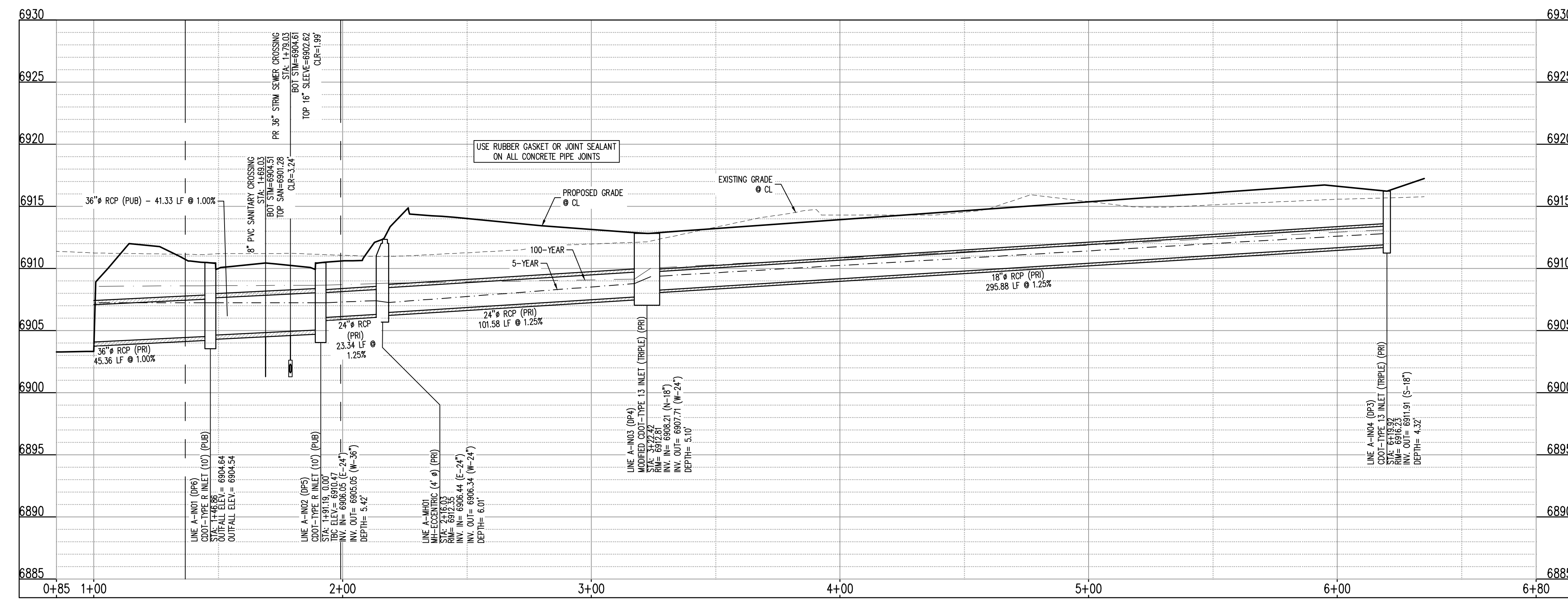
STORM DRAIN PLAN - LINE A  
 SCALE: 1"=30'

**UTILITY LEGEND**

—W—	EXISTING WATER LINE
—W—	PROPOSED WATER LINE
—SS—	EXISTING SANITARY SEWER
—SS—	PROPOSED SANITARY SEWER
—S—	EXISTING STORM SEWER
—S—	PROPOSED STORM SEWER
—G—	EXISTING GAS LINE
—G—	PROPOSED GAS LINE
—T—	EXISTING UNDERGROUND TELEPHONE
—E—	EXISTING OVERHEAD ELECTRIC
—FO—	EXISTING FIBER OPTIC LINE
—F—	EXISTING FIBER OPTIC STRUCTURES
—T—	EXISTING TELEPHONE PEDESTAL
—T—	EXISTING ELECTRIC TRANSFORMER
—P—	EXISTING POWER POLE
—S—	EXISTING STREET LIGHT
—S—	PROPOSED STREET LIGHT
—M—	EXISTING WATER METER
—M—	PROPOSED WATER METER
—V—	EXISTING WATER VALVE
—V—	PROPOSED WATER VALVE
—H—	EXISTING FIRE HYDRANT
—H—	PROPOSED FIRE HYDRANT
—M—	EXISTING STORM SEWER MANHOLE
—M—	PROPOSED STORM SEWER MANHOLE
—M—	EXISTING SANITARY SEWER MANHOLE
—M—	PROPOSED SANITARY SEWER MANHOLE

**SITE LEGEND**

—	PROJECT BOUNDARY LINE
—	ADJACENT PROPERTY BOUNDARY LINE
—	RIGHT OF WAY LINE
—	EXISTING ADJACENT LOT LINE
—	PROPOSED LOT LINE
—	EXISTING EASEMENT LINE
—	PROPOSED EASEMENT LINE
—	PROPOSED ROAD CENTERLINE
—	EXISTING ROAD CENTERLINE
—	PROPOSED RIDGE LINE
—	PROPOSED SWALE LINE
—	EXISTING SWALE LINE
—	EXISTING SWALE LINE
—	100'YR FLOODPLAIN BOUNDARY
—	EXISTING FENCE
—	PROPOSED FENCE
—	EXISTING GUARDRAIL
—	PROPOSED CURB AND GUTTER
—	EXISTING CURB AND GUTTER
—	EXISTING EDGE OF ASPHALT
—	PROPOSED SIDEWALK
—	PROPOSED TRAIL
—	PROPOSED GRAVEL PER EGM TABLE D-7
—	RR/PAR OUTFALL PADS
—	EXISTING SIGN
—	PROPOSED SIGN
—	PROPOSED BOLLARDS



STORM DRAIN PROFILE - LINE A (STA: 0+85 - 6+58.84)  
 SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'

CALCULATIONS TO TOP OF PIPE (TOP) FOR REINFORCED CONCRETE PIPE (RCP) ASSUMES WALL THICKNESS AS SHOWN BELOW:

PIPE I.D. (INCHES)	WALL THICKNESS (INCHES)	PIPE O.D. (INCHES)
12	2.00	16.00
15	2.75	19.50
18	2.50	23.00
21	2.75	26.50
24	3.00	30.00
27	3.25	33.50
30	3.50	37.00
33	3.75	40.50
36	4.00	44.00
42	4.50	51.00
48	5.00	58.00
54	5.50	65.00
60	6.00	72.00
66	6.50	80.00

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**BASIS OF BEARING**

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR S89°40'45"W. DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**

THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FLUNG NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24684" NAVD88 ELEVATION = 6947.67

**CAUTION - NOTICE TO CONTRACTOR**

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLES OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



**BASIS OF BEARING**

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR 889°40'45"W, DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHEAST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**

THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FLING NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24964" NAVD88 ELEVATION = 6947.67

**CAUTION - NOTICE TO CONTRACTOR**

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.



Know what's below. Call before you dig.

**SITE LEGEND**

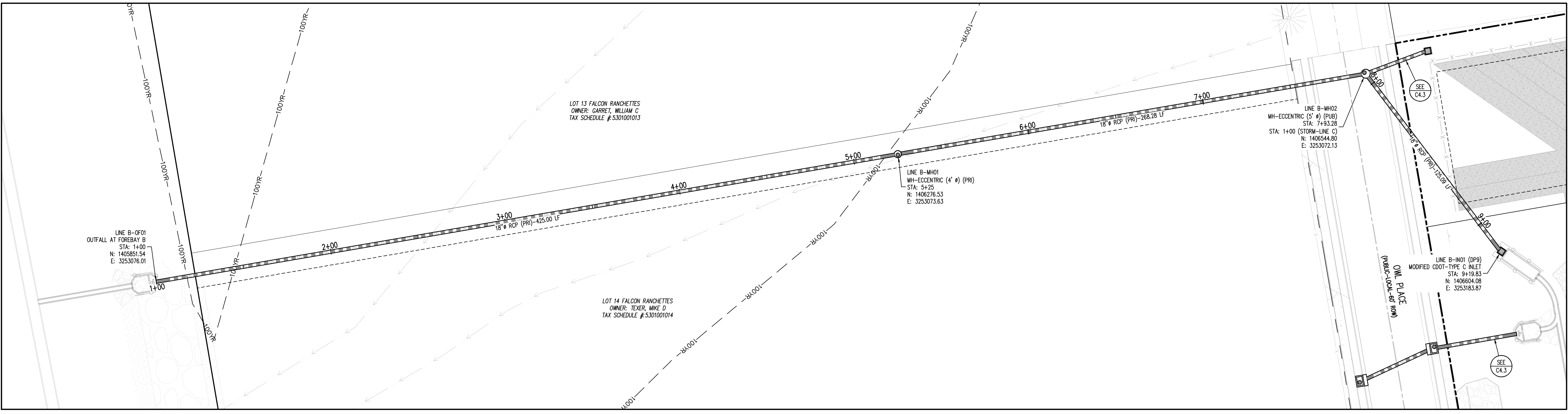
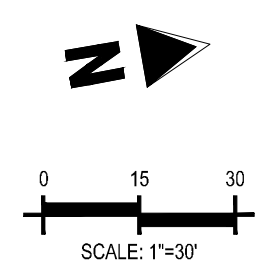
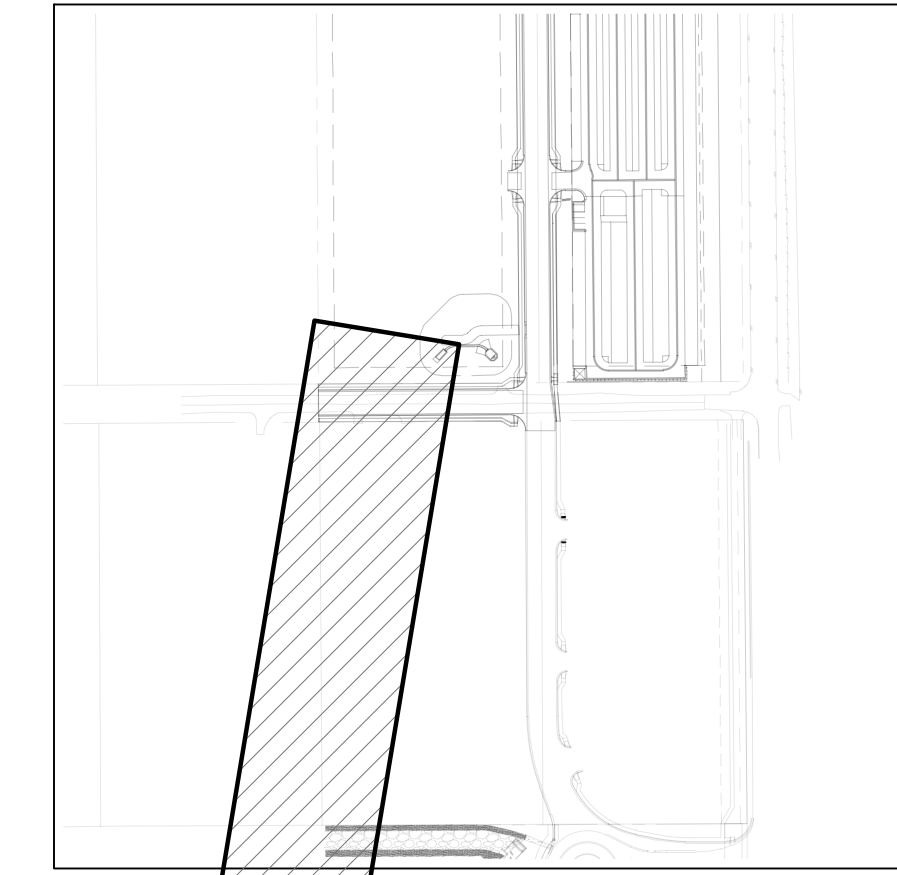
- PROJECT BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY LINE
- EXISTING ADJACENT LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED ROAD CENTERLINE
- EXISTING ROAD CENTERLINE
- PROPOSED RIDGE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- 100YR FLOODPLAIN BOUNDARY
- EXISTING FENCE
- X-X-X-X-X-X PROPOSED FENCE
- EXISTING GUARDRAIL
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- EXISTING EDGE OF ASPHALT
- PROPOSED SIDEWALK
- PROPOSED TRAIL
- PROPOSED GRAVEL PER EGM TABLE D-7
- RIPRAP OUTFALL PADS
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED BOLLARDS

**UTILITY LEGEND**

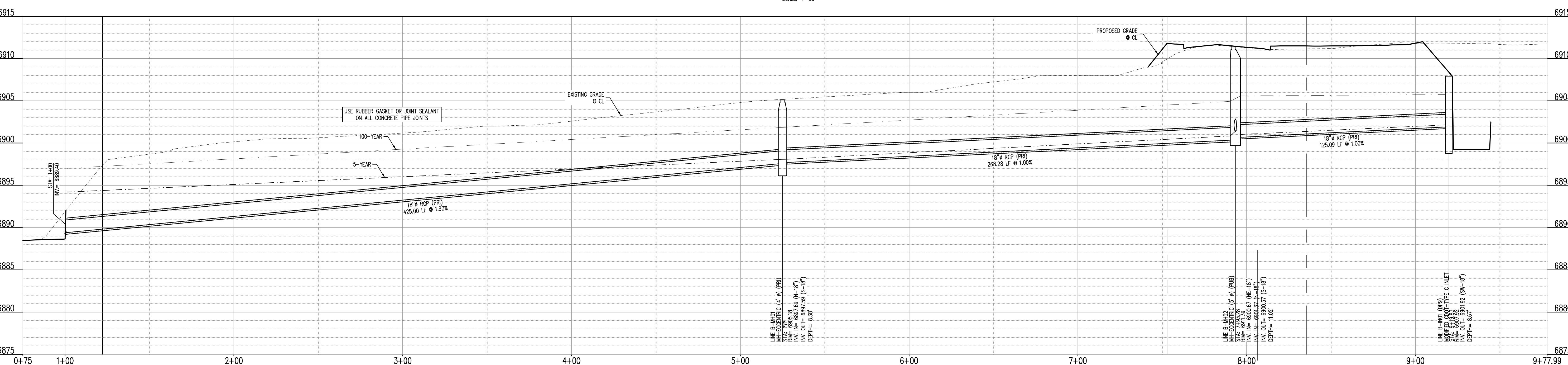
- EXISTING WATER LINE
- PROPOSED WATER LINE
- SS EXISTING SANITARY SEWER
- SS PROPOSED SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING FIBER OPTIC LINE
- EXISTING FIBER OPTIC STRUCTURES
- EXISTING TELEPHONE PEDESTAL
- EXISTING ELECTRIC TRANSFORMER
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- PROPOSED WATER METER
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING STORM SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE

**CALCULATIONS TO TOP OF PIPE (TOP) FOR REINFORCED CONCRETE PIPE (RCP) ASSUMES WALL THICKNESS AS SHOWN BELOW:**

PIPE I.D. (INCHES)	WALL THICKNESS (INCHES)	PIPE O.D. (INCHES)
12	2.00	16.00
15	2.25	19.50
18	2.50	23.00
21	2.75	26.50
24	3.00	30.00
27	3.25	33.50
30	3.50	37.00
33	3.75	40.50
36	4.00	44.00
42	4.50	51.00
48	5.00	58.00
54	5.50	65.00
60	6.00	72.00
66	6.50	79.00




**STORM DRAIN PLAN - LINE B**  
SCALE: 1"=30'



**STORM DRAIN PROFILE - LINE B (STA: 1+00 - 9+77.99)**  
SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'

W:\Projects\2023\23-001\Drawings\CD\CD-04-StormDrainPlan.dwg, 11/01/2023, 10:00 AM, C:\Users\jdm\OneDrive\Documents\Projects\2023\23-001\Drawings\CD\CD-04-StormDrainPlan.dwg



1155 Kelly Johnson Blvd., Suite 305  
Colorado Springs, CO 80920  
719.900.7220  
GallowayUS.com



**COPYRIGHT**  
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
MERIDIAN STORAGE  
MERIDIAN STORAGE, LLC  
VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
Drawn By: JDM  
Checked By: BAS, CMWJ  
Date: 05/06/2024

**STORM DRAIN PLAN**

VR239 & PPR2336



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
 MERIDIAN STORAGE  
 MERIDIAN STORAGE, LLC  
 VR239 & PPR2336

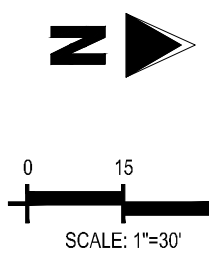
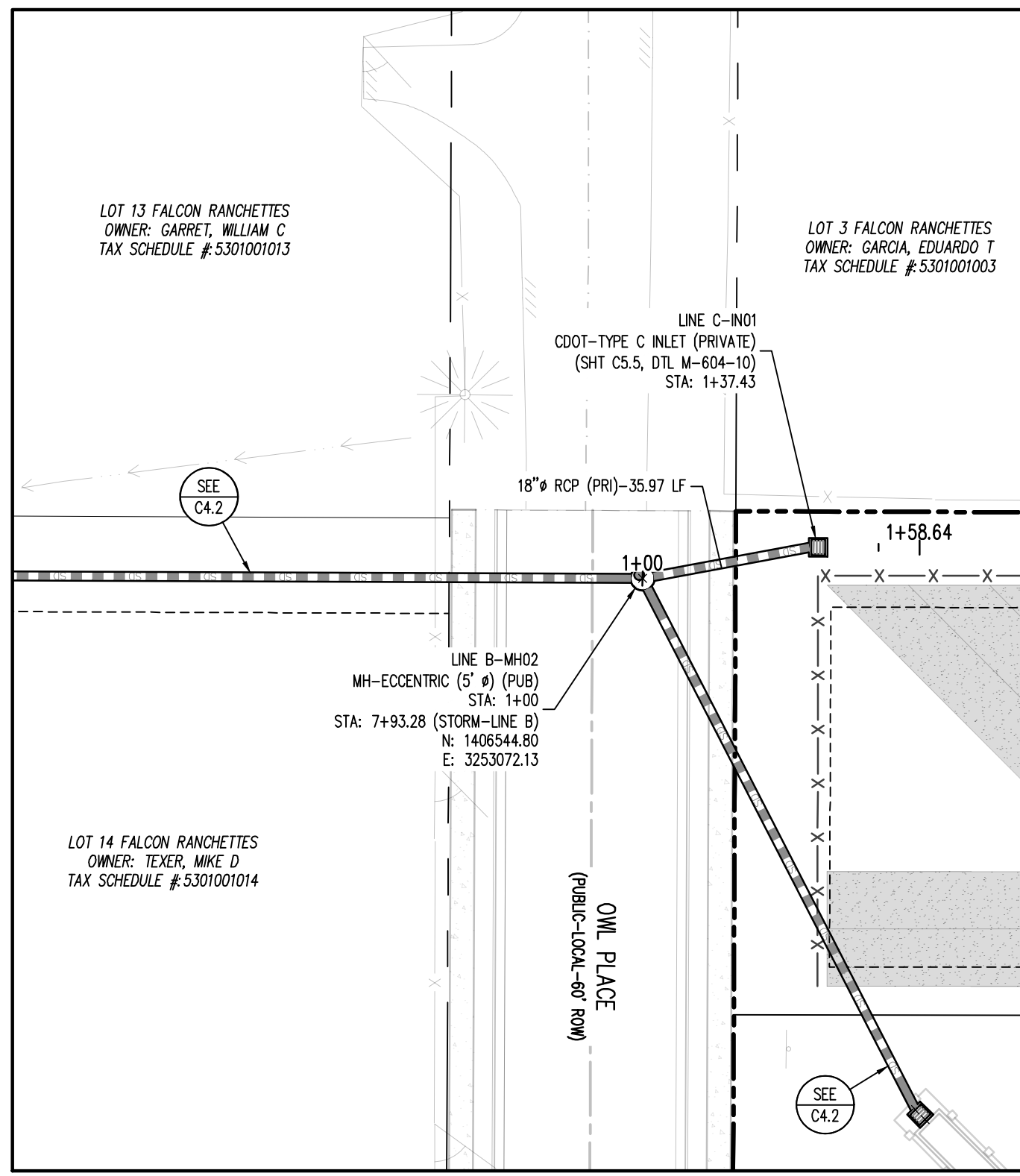
STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

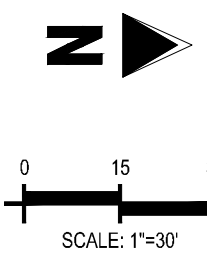
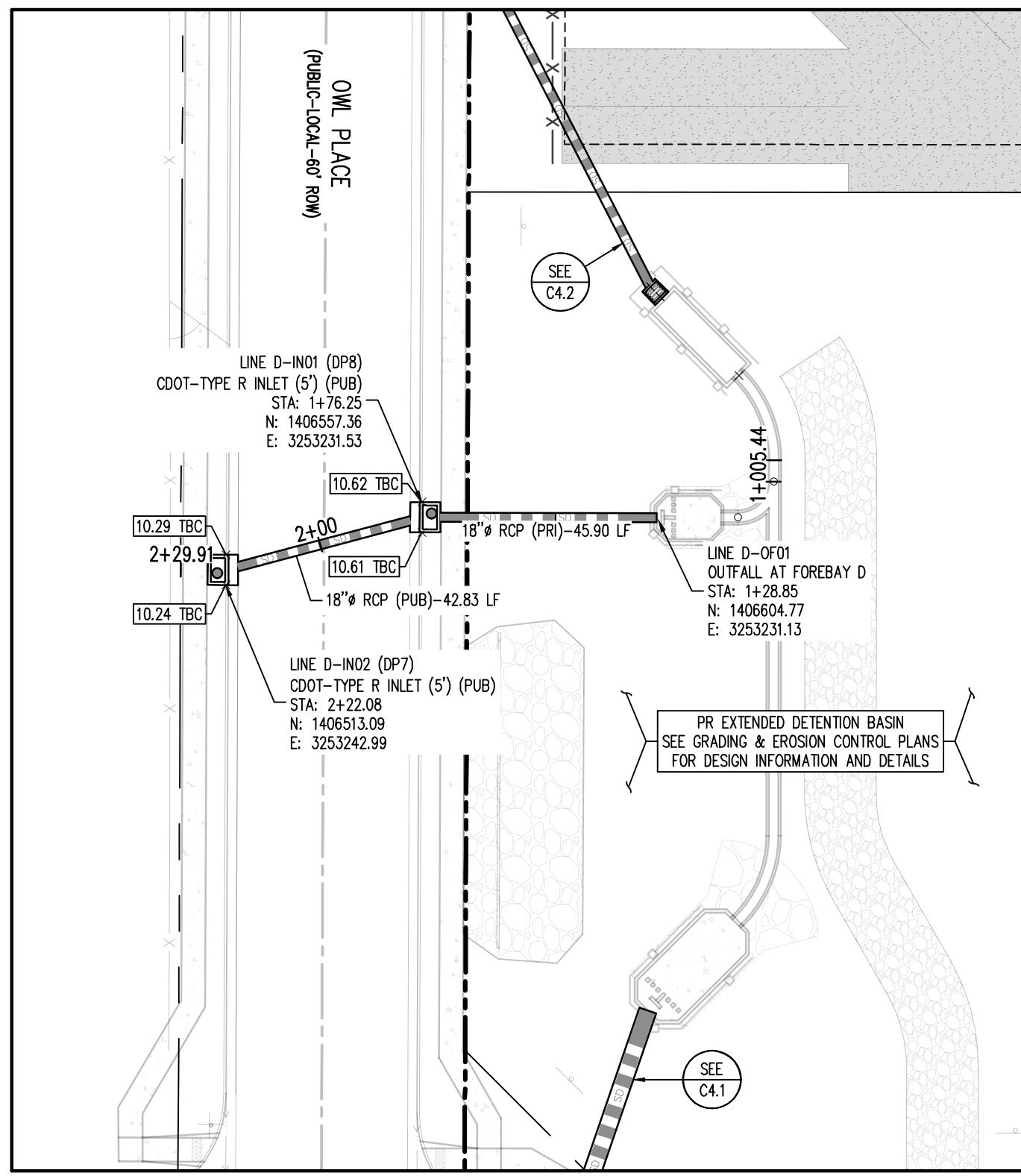
Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

STORM DRAIN PLAN

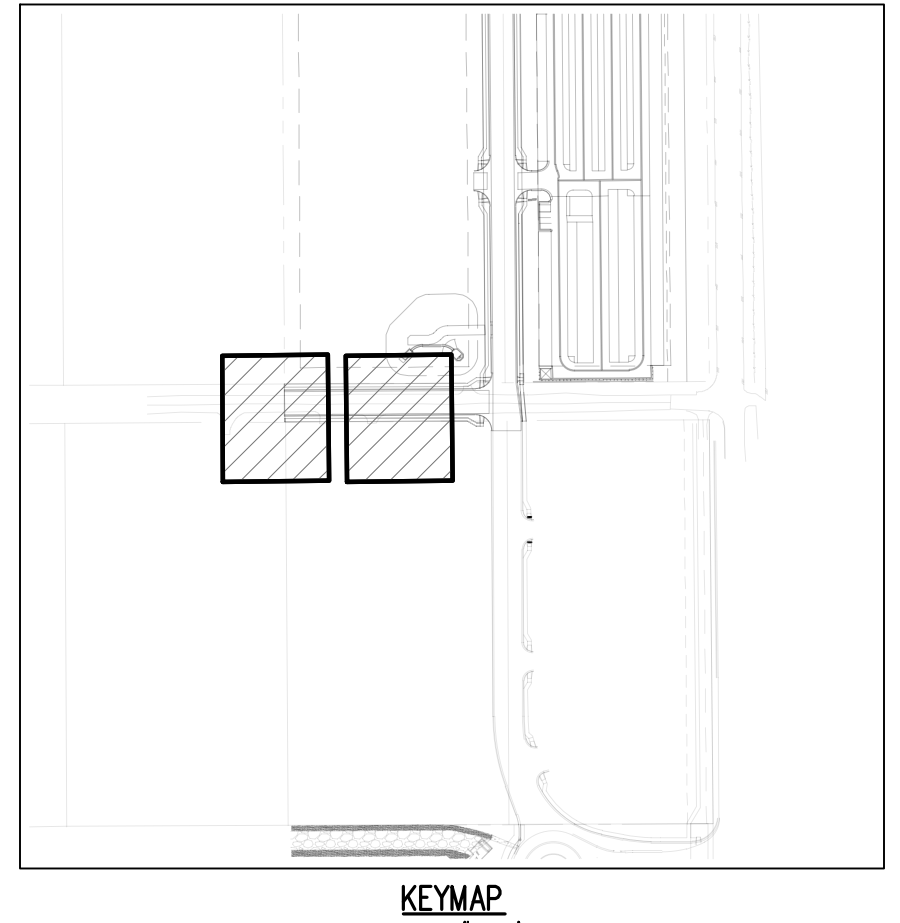
VR239 & PPR2336



**STORM DRAIN PLAN - LINE C**  
 SCALE: 1"=30'



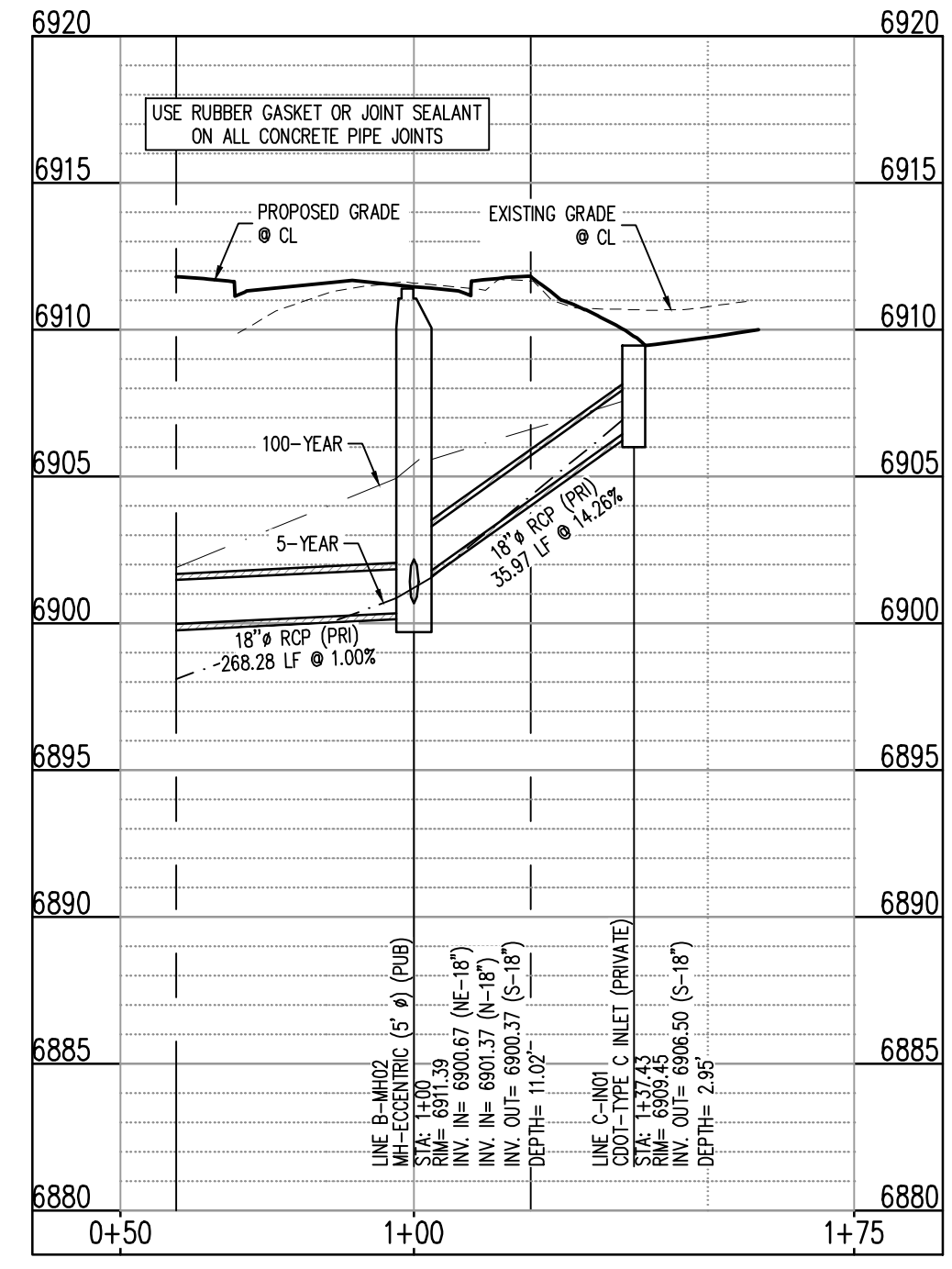
**STORM DRAIN PLAN - LINE D**  
 SCALE: 1"=30'



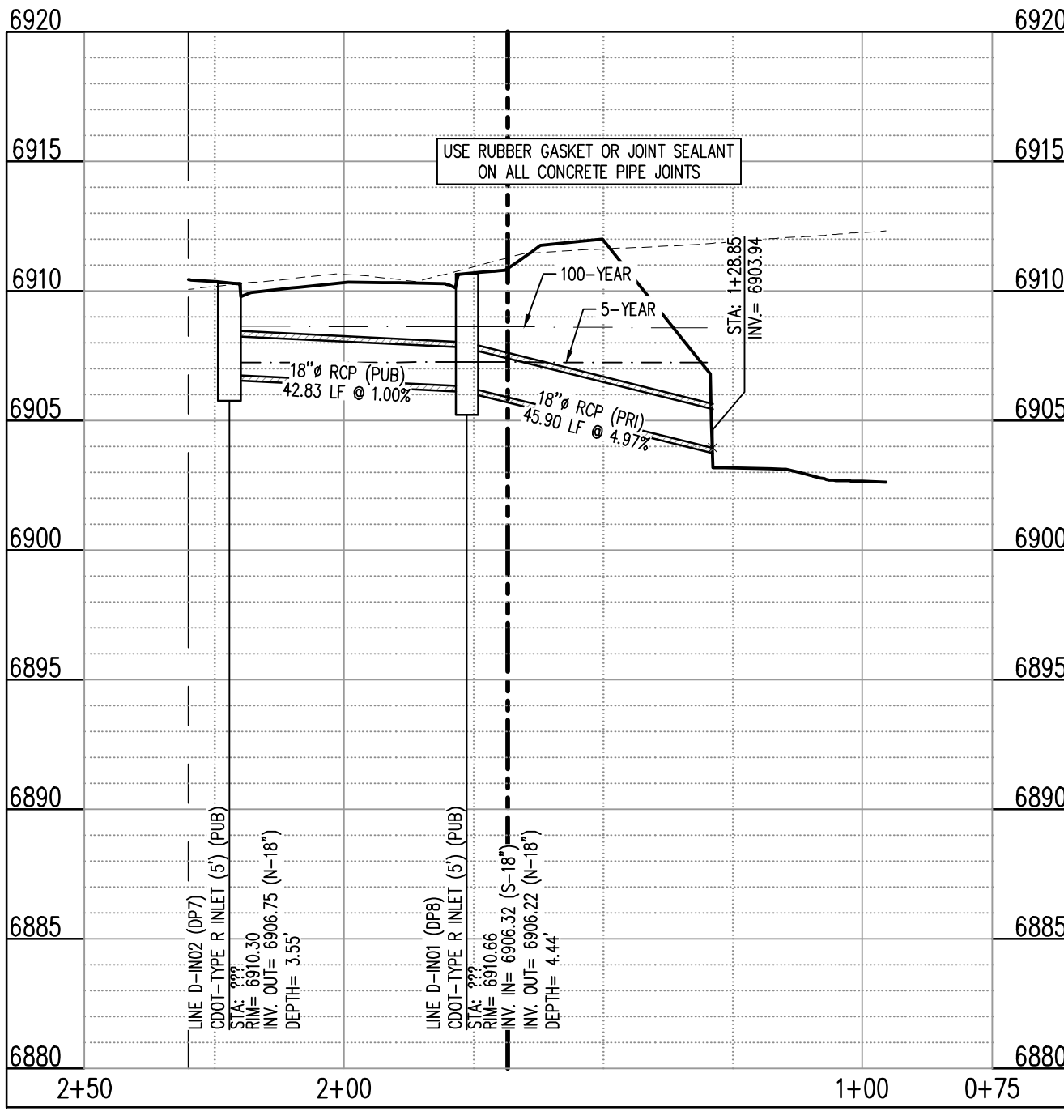
**KEYMAP**  
 SCALE: 1"=300'

**SITE LEGEND**

- PROJECT BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY LINE
- EXISTING ADJACENT LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED ROAD CENTERLINE
- EXISTING ROAD CENTERLINE
- PROPOSED RIDGE LINE
- EXISTING SWALE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- 100YR FLOODPLAIN BOUNDARY
- x-x-x- EXISTING FENCE
- o-o-o- EXISTING GUARDRAIL
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- EXISTING EDGE OF ASPHALT
- PROPOSED SIDEWALK
- PROPOSED TRAIL
- PROPOSED GRAVEL PER ECM TABLE D-7
- RIPRAP OUTFALL PADS
- o- EXISTING SIGN
- o- PROPOSED SIGN
- PROPOSED BOLLARDS



**STORM DRAIN PROFILE - LINE C (STA: 0+50 - 1+75)**  
 SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'



**STORM DRAIN PROFILE - LINE D (STA: 0+75 - 2+50)**  
 SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'

**CALCULATIONS TO TOP OF PIPE (TOP) FOR REINFORCED CONCRETE PIPE (RCP) ASSUMES WALL THICKNESS AS SHOWN BELOW:**

PIPE I.D. (INCHES)	WALL THICKNESS (INCHES)	PIPE O.D. (INCHES)
12	2.00	16.00
15	2.25	19.50
18	2.50	23.00
21	2.75	26.50
24	3.00	30.00
27	3.25	33.50
30	3.50	37.00
33	3.75	40.50
36	4.00	44.00
39	4.25	47.50
42	4.50	51.00
45	4.75	54.50
48	5.00	58.00
51	5.25	61.50
54	5.50	65.00
57	5.75	68.50
60	6.00	72.00
63	6.25	75.50
66	6.50	79.00

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

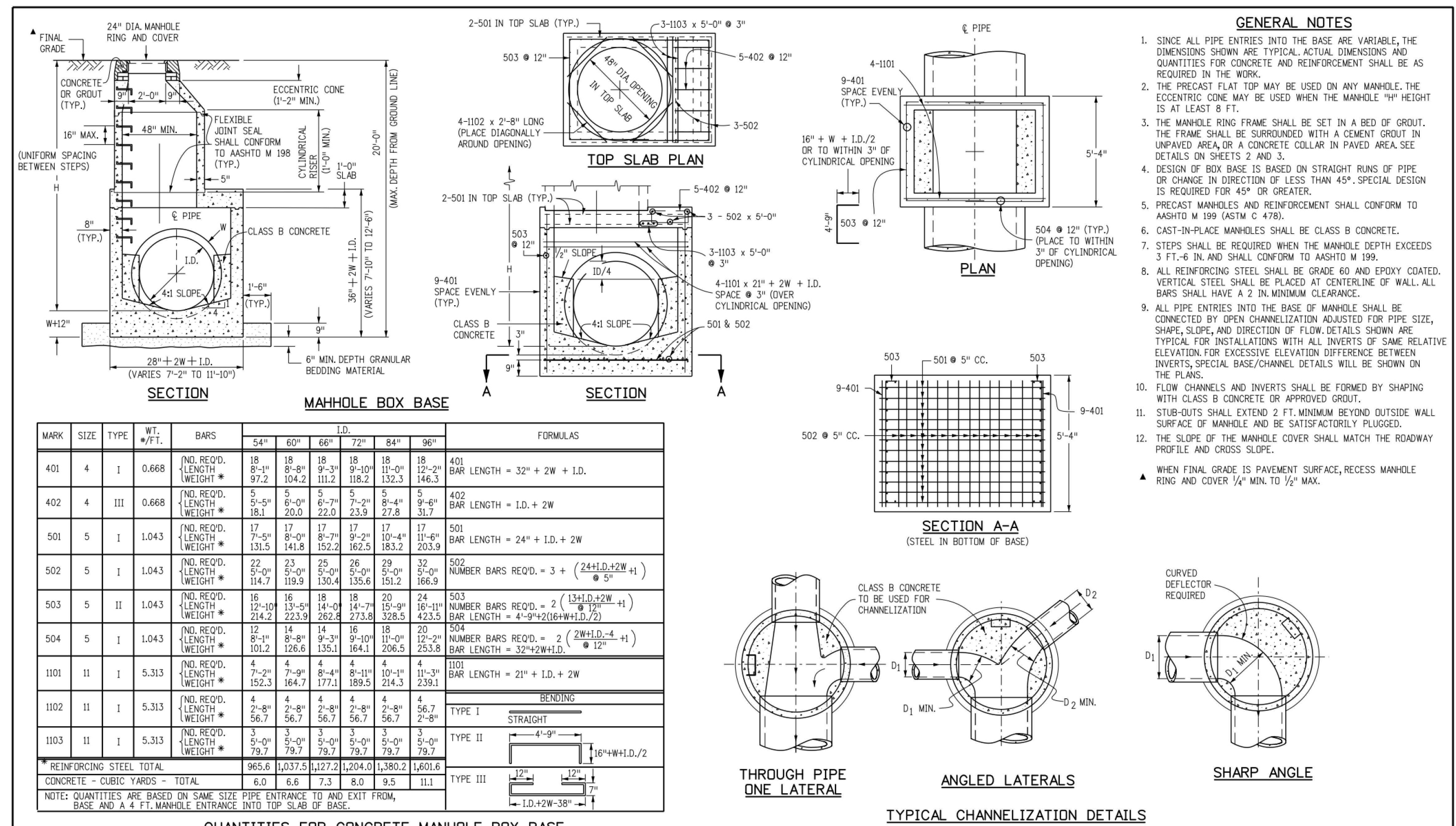
**BASIS OF BEARING**  
 ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR S89°40'45"W. DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**  
 THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FLUNG NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 24964"  
 NAVD83 ELEVATION = 6947.67

**CAUTION - NOTICE TO CONTRACTOR**

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POSING OR AN ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

C:\Users\jtk\OneDrive\Documents\CAD\Drawings\2019\20190731\20190731.MANHOLES.CAD - 2019/07/31 10:00:00 AM



<b>Computer File Information</b>	<b>Sheet Revisions</b>	<b>Colorado Department of Transportation</b>	<b>STANDARD PLAN NO.</b>
Creation Date: 07/31/19	Date: _____	2829 West Howard Place	M-604-20
Designer Initials: JBK	Comments: _____	CDOT HQ, 3rd Floor	Standard Sheet No. 1 of 3
Last Modification Date: 07/31/19		Denver, CO 80204	
Detailer Initials: LTA		Phone: 303-757-9021 FAX: 303-757-9868	Project Sheet Number: _____
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English		<b>Project Development Branch</b>	

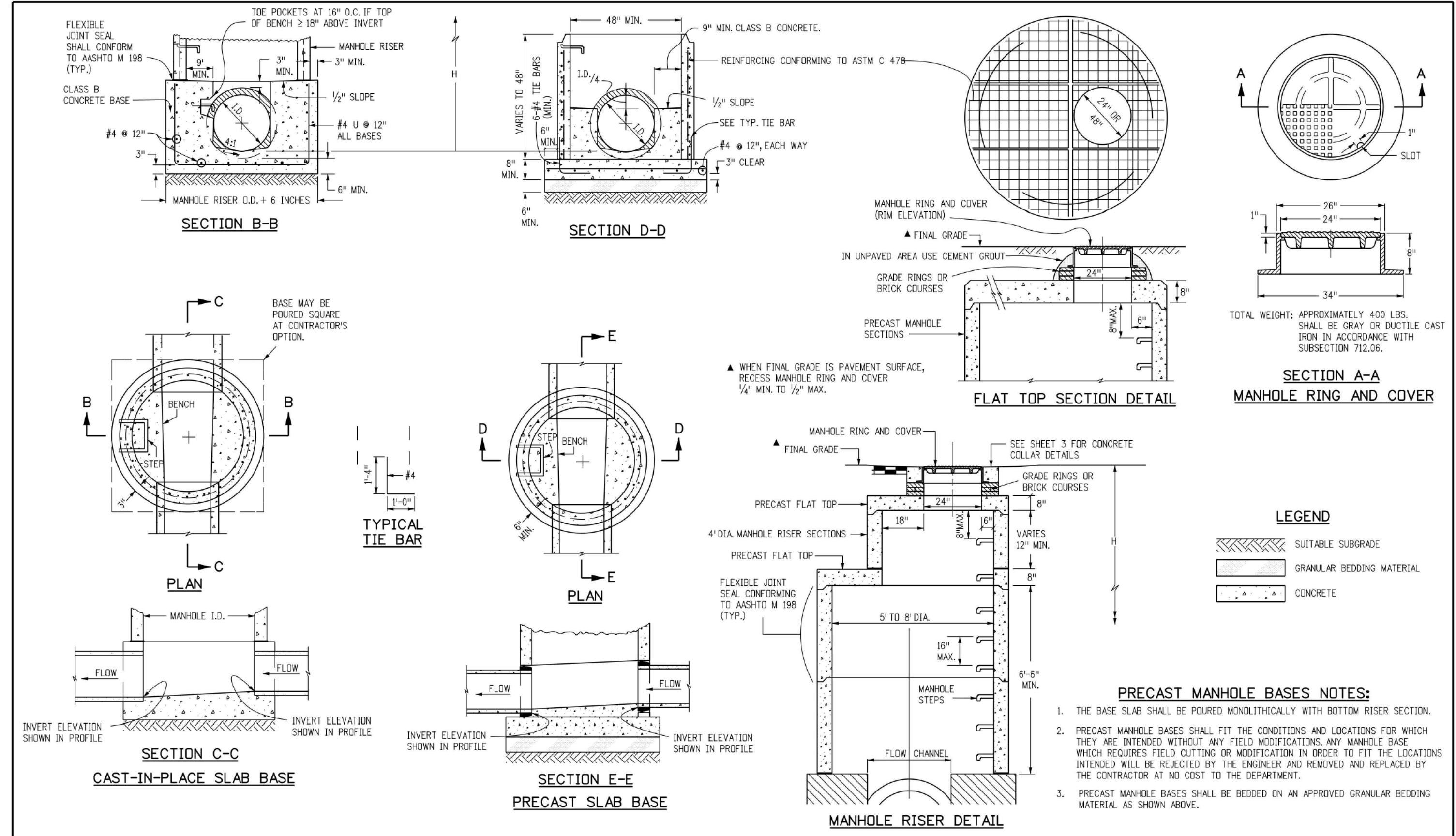
**Galloway**  
1155 Kelly Johnson Blvd., Suite 305  
Colorado Springs, CO 80920  
719.900.7220  
GallowayUS.com

**COPYRIGHT**  
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
MERIDIAN STORAGE  
MERIDIAN STORAGE, LLC  
VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931



<b>Computer File Information</b>	<b>Sheet Revisions</b>	<b>Colorado Department of Transportation</b>	<b>STANDARD PLAN NO.</b>
Creation Date: 07/31/19	Date: _____	2829 West Howard Place	M-604-20
Designer Initials: JBK	Comments: _____	CDOT HQ, 3rd Floor	Standard Sheet No. 2 of 3
Last Modification Date: 07/31/19		Denver, CO 80204	
Detailer Initials: LTA		Phone: 303-757-9021 FAX: 303-757-9868	Project Sheet Number: _____
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English		<b>Project Development Branch</b>	

#	Date	Issue / Description	Init.

**STORM DRAIN DETAILS**

VR239 & PPR2336

**C5.1**  
Sheet 16 of 25





**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRAINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
**MERIDIAN STORAGE**  
**MERIDIAN STORAGE, LLC**  
**VR239 & PPR2336**  
 STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024  
**STORM DRAIN DETAILS**

VR239 & PPR2336

**T-BASE MANHOLES NOTES**

1. THE T-BASE SECTION SHALL BE SHIP-FABRICATED FOR DELIVERY TO THE CONSTRUCTION SITE AS A COMPLETE UNIT.
2. THESE DETAILS SHOW ONLY THE CONCEPTUAL AND STANDARD DIMENSIONAL REQUIREMENTS FOR TYPE T-BASE MANHOLES. THE CONTRACTOR SHALL FURNISH DETAILED SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE DETAILS SHOWN HEREIN APPLY ONLY TO 48 IN. AND GREATER DIAMETER PIPES.
3. EXCEPT FOR CLASS OF PIPE SPECIFICATIONS FOR THE MANHOLE SHALL BE THE SAME AS THOSE REQUIRED FOR THE ADJOINING PIPE.
4. THE T-BASE SECTION SHALL MAINTAIN ITS INTERNAL SHAPE AND FLOW AREA GROUTING OR FILLING SHALL BE APPLIED SO AS TO NOT DISTURB THE NORMAL FLOW OR REDUCE THE AREA.

Computer File Information			Sheet Revisions		Colorado Department of Transportation  2829 West Howard Place CDOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868 <b>Project Development Branch</b>	<h2 style="margin: 0;">MANHOLES</h2> <p style="font-size: 0.8em; margin: 0;">Issued by the Project Development Branch July 31, 2019</p>	STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer: JBK	Date: <input type="checkbox"/>	Comments: <input type="checkbox"/>	M-604-20			Standard Sheet No. 3 of 3	
Last Modification Date: 07/31/19	Detailer: LTA	<input type="checkbox"/>	<input type="checkbox"/>	Project Sheet Number:				
CAD Ver: MicroStation V8	Scale: Not to Scale	Units: English	<input type="checkbox"/>					

**GRATE INSTALLATION**

**GENERAL NOTES**

1. INLET TYPE D IS NOT HIGHER RATED AND SHALL NOT BE PLACED IN PAVED ROADWAYS. THIS INLET SHALL BE USED ONLY OUTSIDE PAVED ROADWAYS.
2. CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
3. SEE PLANS FOR SIZE AND LOCATION OF PIPE.
4. STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH SUBSECTION 712.06.
5. STANDARD INLET GRATES SHALL BE USED ON ALL TYPE D INLETS UNLESS CLOSE MESH GRATES ARE SPECIFIED ON THE PLANS.
6. CLOSE MESH GRATES ARE RECOMMENDED WHERE FOOT TRAFFIC OR BICYCLE ROUTES ARE IN CLOSE PROXIMITY TO GRATE. THIS GRATE IS NOT ADA COMPLIANT OR BICYCLE FRIENDLY AND SHALL NOT BE PLACED DIRECTLY IN SIDEWALKS, CROSSWALKS OR BIKE PATHS.
7. STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FEET-6 INCHES AND SHALL CONFORM WITH AASHTO M 199.
8. REINFORCING BARS SHALL BE GRADE 60, EPOXY COATED, AND DEFORMED #4, AND SHALL HAVE A 2 INCH MIN. CLEARANCE CUT OR BEND BARS AROUND PIPE AS REQUIRED.
9. ALL INLETS SHALL HAVE A 4 INCH DIA. METAL MEDALLION WITH A "NO DUMPING DRAINAGE TO STREAM" MESSAGE ON IT. THE MEDALLION SHALL HAVE A FISH SYMBOL WITH A BLUE BACKGROUND. IT SHALL BE FIRMLY ATTACHED TO THE INLET'S SURFACE WITH A PERMANENT FASTENER.

Computer File Information			Sheet Revisions		Colorado Department of Transportation  2829 West Howard Place CDOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868 <b>Project Development Branch</b>	<h2 style="margin: 0;">INLET, TYPE D</h2> <p style="font-size: 0.8em; margin: 0;">Issued by the Project Development Branch July 31, 2019</p>	STANDARD PLAN NO.	
Creation Date: 07/31/19	Designer: JBK	Date: <input type="checkbox"/>	Comments: <input type="checkbox"/>	M-604-11			Standard Sheet No. 1 of 1	
Last Modification Date: 07/31/19	Detailer: LTA	<input type="checkbox"/>	<input type="checkbox"/>	Project Sheet Number:				
CAD Ver: MicroStation V8	Scale: Not to Scale	Units: English	<input type="checkbox"/>					





**COPYRIGHT**  
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



**CONSTRUCTION DRAWINGS**  
MERIDIAN STORAGE  
MERIDIAN STORAGE, LLC  
VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
Drawn By: JDM  
Checked By: BAS, CMWJ  
Date: 05/06/2024

**STORM DRAIN DETAILS**  
VR239 & PPR2336

**PIPE INSTALLATION**  
(WITH 0.7 PROJECTION RATIO)

NOTE: Bc IS THE OUTSIDE DIMENSION FOR DIAMETER, SPAN OR RISE.

PIPE SIZE - Bc (INSIDE DIA)	WALL THICKNESS	CIRCULAR (CIR)		VERTICAL ELLIPTICAL (VE)		HORIZONTAL ELLIPTICAL (HE)	
		0.3 Bc (OUTSIDE DIA)	0.3 FT.	SPAN	RISE	SPAN	RISE
12	2	0.40				23	14
15	2-1/4	0.49					
18	2-1/2	0.58					
21	2-3/4	0.66					
24	3	0.75				30	19
27	3-1/4	0.84				34	22
30	3-1/2	0.92				38	24
33	3-3/4	1.01					
36	4	1.10		29	45	45	29
42	4-1/2	1.28	34	53	5	53	34
48	5	1.45	38	60	5-1/2	60	38
54	5-1/2	1.62	43	68	6	68	43
60	6	1.80	48	76	6-1/2	76	48
66	6-1/2	1.97	53	83	7	83	53
72	7	2.15	58	91	7-1/2	91	58
78	7-1/2	2.32	63	99	8	99	63
84	8	2.50	68	106	8-1/2	106	68
90	8-1/2	2.68	72	113	9	113	72
96	9	2.85	77	121	9-1/2	121	77
102	9-1/2	3.02	82	129	9-3/4	129	82
108	10	3.20	87	136	10	136	87

ALSO EQUIVALENT ROUND DIMENSION FOR ELLIPTICAL PIPE.

**DIMENSIONS FOR REINFORCED CONCRETE PIPE**  
(FOR INFORMATION ONLY)

**CONCRETE PIPE WITH END SECTIONS**  
NOTE: USE THE H THAT IS GREATER FOR MAXIMUM ALLOWABLE FILL HEIGHT.  
H = HEIGHT OF FILL OVER TOP OF PIPE, INCLUDING PAVEMENT THICKNESS.  
L1 = LENGTH OF PIPE TO BE MEASURED WHEN PLACED IN ACCORDANCE WITH SECTION 624.  
L2 = LENGTH OF PIPE TO BE MEASURED WHEN PLACED IN ACCORDANCE WITH SECTION 603.

**CONCRETE PIPE WITHOUT END SECTIONS**  
NOTE: USE THE H THAT IS GREATER FOR MAXIMUM ALLOWABLE FILL HEIGHT.

**MINIMUM COVER FOR RIGID PIPE**

TYPE OF PIPE	HEIGHT OF FILL OVER TOP OF PIPE, H (FEET)					
	CLASS OF PIPE (0.01 IN. CRACK D-LOAD)					
	CLASS CIR II	CLASS CIR III	CLASS CIR IV	CLASS CIR V	CLASS VE VI	CLASS VE VII
CIRCULAR (CIR)	1 TO 18	1 TO 25	± 25 TO 37	± 37 TO 45		
VERTICAL ELLIPTICAL (VE)	1 TO 18	1 TO 25	± 25 TO 37	± 37 TO 45	± 45 TO 62	
HORIZONTAL ELLIPTICAL (HE)	1 TO 18	1 TO 25	± 25 TO 37			

ALLOWABLE RANGE OF HEIGHTS FOR FILL OVER REINFORCED CONCRETE PIPE (ALL SIZES)

<b>Computer File Information</b>	<b>Sheet Revisions</b>	<b>Colorado Department of Transportation</b>	<b>REINFORCED CONCRETE PIPE</b>	<b>STANDARD PLAN NO.</b>
Creation Date: 07/31/19 Designer: JMK Last Modification Date: 07/31/19 Detailer: LTA CAD Ver: MicroStation V8 Scale: Not to Scale Units: English	Date: _____ Comments: _____	2829 West Howard Place CODOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868	<b>M-603-2</b>	<b>Standard Sheet No. 1 of 1</b>
		Project Development Branch JBK	Issued by the Project Development Branch July 31, 2019	Project Sheet Number:

**PLAN VIEW**  
TYPE 13 INLET FOR GUTTER TYPE 2

**SECTION C-C**

**SECTION D-D**

**GENERAL NOTES**

- CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
- CAST-IN-PLACE CONCRETE WALLS SHALL BE FORMED IN BOTH SIDES.
- EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4 IN.
- REINFORCING BARS SHALL BE DEFORMED #4 AND SHALL HAVE A 2 IN. MINIMUM CLEARANCE. ALL REINFORCING BARS SHALL BE EPOXY COATED.
- STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FT.-6 IN. AND SHALL CONFORM TO ASHTO M 199.
- ALL GRATES AND FRAMES SHALL BE GRAY OR DUCTILE CAST IRON IN ACCORDANCE WITH SUBSECTION 712.06. GRATES AND FRAMES SHALL BE DESIGNED TO WITHSTAND HS 20 LOADING.
- STATION POINT IS AT THE CENTER OF THE INLET.
- GRATE SHALL HAVE "DAMP AND WASTE DRAINS TO STREAM" MESSAGE CAST ON SURFACE.

H	CONCRETE	REINFORCING STEEL	NO. OF 40# BARS	MAXIMUM PIPE I.D.
3'-0"	1.3	72	4	18
3'-6"	1.5	76	4	18
4'-0"	1.6	90	5	18
4'-6"	1.8	104	6	18
5'-0"	1.9	109	6	30
5'-6"	2.1	122	7	30
6'-0"	2.2	136	8	30
6'-6"	2.4	141	8	30
7'-0"	2.5	154	9	30
7'-6"	2.7	168	10	30
8'-0"	2.8	173	10	30
8'-6"	3.0	187	11	30
9'-0"	3.1	200	12	30
9'-6"	3.3	205	12	30
10'-0"	3.4	219	13	30

θ INCLUDES 1% FOR OVERRUN.  
NOTE: CONCRETE QUANTITIES INCLUDE VOLUME OCCUPIED BY PIPE.

**QUANTITIES FOR ONE INLET**

MARK	NO. REQ'D.	DIMENSIONS	LENGTH
401	4	3'-6"	13'-4"
402	2	3'-4 1/2"	8'-0 1/2"
403	5	2'-1 1/2"	7'-2 1/2"

\* ADD 6 IN. TO THIS DIMENSION FOR EACH 6 IN. INCREASE OF "H" OVER 3 FT.-0 IN.

**SECTION E-E**

**SECTION F-F**

**BENDING DIAGRAMS**  
ALL DIMENSIONS ARE OUT-TO-OUT OF BAR.

**BAR LIST FOR H = 3 FT.-0 IN.**

<b>Computer File Information</b>	<b>Sheet Revisions</b>	<b>Colorado Department of Transportation</b>	<b>CONCRETE INLET TYPE 13</b>	<b>STANDARD PLAN NO.</b>
Creation Date: 07/04/12 Last Modification Date: 07/04/12 Full Path: www.coloradodo.info/business/designsupport Drawing File Name: 6040130101.dgn CAD Ver: MicroStation V8 Scale: Not to Scale Units: English	Date: _____ Comments: _____	4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9853 Fax: (303) 757-9820	<b>M-604-13</b>	<b>Sheet No. 1 of 1</b>
		Project Development Branch DD/LTA	Issued By: Project Development Branch July 4, 2012	



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY. AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



CONSTRUCTION DRAWINGS  
 MERIDIAN STORAGE  
 MERIDIAN STORAGE, LLC  
 VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

### STEEL GRATE QUANTITIES

NO. PIECES	DESCRIPTION	LENGTH PER FT. (LBS.)	WEIGHT (LBS.)
4	S4 x 7.7 BEAM	41"	7.90
2	3 1/2" x 1/4" FLAT	26 1/2"	2.98
2	3" x 1/2" FLAT	28 1/2"	2.55
TOTAL LBS. - 131			

### QUANTITIES FOR ONE INLET

H (CONCRETE (CU. YDS.))	STEEL (LBS.)	NO. STEPS REQD.
2'-6"	1.0	76
3'-0"	1.1	81
3'-6"	1.2	87
4'-0"	1.3	102
4'-6"	1.5	117
5'-0"	1.6	123
6'-0"	1.9	143
6'-6"	2.0	159
7'-0"	2.1	164
7'-6"	2.2	180
8'-0"	2.4	185
8'-6"	2.5	200
9'-0"	2.6	206
9'-6"	2.8	221
10'-0"	2.9	236
11'-6"	3.3	252

**INLET WITH DITCH PAVING**

**SECTION B-B**  
**INLET CONNECTED TO A CROSS PIPE**

**SECTION A-A**  
**INLET ON GRADE (FLOW FROM ONE DIRECTION)**

**SECTION A-A**  
**INLET CONNECTED TO A SKEWED CROSS PIPE**

**SECTION A-A**  
**INLET AT BOTTOM OF VERTICAL CURVE (FLOW FROM TWO DIRECTIONS)**

**CONCRETE INLET**

**SECTION D-D**

**SECTION E-E**  
**CLOSE MESH INLET GRATE**

**GENERAL NOTES**

- INLET TYPE C IS NOT HS-20 RATED AND SHALL NOT BE PLACED IN PAVED ROADWAYS. THIS INLET SHALL BE USED ONLY OUTSIDE PAVED ROADWAYS.
- CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
- REINFORCING BARS SHALL BE GRADE 60, EPOXY COATED, AND DEFORMED #4, AND SHALL HAVE A MIN. 2 INCH CLEARANCE, CUT OR BEND AROUND PIPES AS REQUIRED.
- CONCRETE SLOPE AND DITCH PAVING SHALL BE IN ACCORDANCE WITH SECTION 507, REINFORCEMENT FOR CONCRETE SLOPE PAVING SHALL BE 6 X 6 - W14 X W14 OR 6 X 6 - W21 X W21.
- STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED, AND SHALL BE IN ACCORDANCE WITH SUBSECTION 712.06.
- THE STANDARD INLET GRATES SHALL BE USED ON ALL TYPE C INLETS UNLESS CLOSE MESH INLET GRATES ARE SPECIFIED ON THE PLANS.
- CLOSE MESH GRATES ARE RECOMMENDED WHERE FOOT TRAFFIC OR BICYCLE ROUTES ARE IN CLOSE PROXIMITY TO GRATE. THIS GRATE IS NOT ADA COMPLIANT OR BICYCLE FRIENDLY AND SHALL NOT BE PLACED DIRECTLY IN SIDEWALKS, CROSSWALKS OR BIKE PATHS.
- STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FEET - 6 INCHES AND SHALL CONFORM TO AASHTO M 199.
- SEE STANDARD PLAN M-604-11, FOR REINFORCEMENT AROUND THE PIPE OPENING.
- ALL INLETS SHALL HAVE A 4 INCH DIA. METAL MEDALLION WITH A "NO DUMPING DRAINS TO STREAM" MESSAGE ON IT. THE MEDALLION SHALL HAVE A FISH SYMBOL WITH A BLUE BACKGROUND. IT SHALL BE FIRMLY ATTACHED TO THE TOP OF THE INLET WITH A PERMANENT FASTENER.

**PIPE INSIDE DIAMETER SHALL BE 30 IN. OR LESS. CONCRETE AND STEEL QUANTITIES ARE FOR THE ENTIRE INLET BEFORE DEDUCTION FOR VOLUME OCCUPIED BY PIPE. WEIGHT OF STEEL INCLUDES A RING FOR THE MAXIMUM PIPE DIAMETER.**

**BAR LIST FOR H = 2 FT. - 6 IN. AND BENDING DIAGRAM**

MARK	NO.	HEIGHT	LENGTH
401	2	2'-2 1/2"	8'-0"
401	6	2'-7"	8'-8"
402	4	10"	15'-4"

**INLET, TYPE C**

STANDARD PLAN NO. M-604-10  
 Standard Sheet No. 1 of 1

<b>Computer File Information</b> Creation Date: 07/31/19 Designer: JBG Last Modification Date: 07/31/19 Detailer: LTA CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English		<b>Sheet Revisions</b> <table border="1"> <thead> <tr> <th>Date</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		Date	Comments			<b>Colorado Department of Transportation</b> 2829 West Howard Place CDOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868 <b>Project Development Branch JBK</b>		<b>STANDARD PLAN NO.</b> M-604-10 <b>Standard Sheet No. 1 of 1</b> Project Sheet Number:	
Date	Comments										

1:\Projects\2024\VR239 & PPR2336\Drawings\Sheet\VR239 & PPR2336 - Storm Drain Details.dwg, Date: 05/06/2024 10:05:00 AM

**SITE LEGEND**

- - - - - PROJECT BOUNDARY LINE
- - - - - ADJACENT PROPERTY BOUNDARY LINE
- - - - - RIGHT OF WAY LINE
- - - - - EXISTING ADJACENT LOT LINE
- - - - - PROPOSED LOT LINE
- - - - - EXISTING EASEMENT LINE
- - - - - PROPOSED EASEMENT LINE
- - - - - PROPOSED ROAD CENTERLINE
- - - - - EXISTING ROAD CENTERLINE
- - - - - PROPOSED RIDGE LINE
- - - - - PROPOSED SWALE LINE
- - - - - EXISTING SWALE LINE
- - - - - 100YR FLOODPLAIN BOUNDARY
- - - - - EXISTING FENCE
- - - - - PROPOSED FENCE
- - - - - EXISTING GUARDRAIL
- - - - - PROPOSED CURB AND GUTTER
- - - - - EXISTING CURB AND GUTTER
- - - - - EXISTING EDGE OF ASPHALT
- - - - - PROPOSED SIDEWALK
- - - - - PROPOSED TRAIL
- - - - - PROPOSED GRAVEL PER ECM TABLE D-7
- - - - - RIPRAP OUTFALL PADS
- - - - - EXISTING SIGN
- - - - - PROPOSED SIGN
- - - - - PROPOSED BOLLARDS

**GRADING LEGEND**

- - - - - EXISTING MAJOR CONTOUR
- - - - - EXISTING MINOR CONTOUR
- - - - - PROPOSED MAJOR CONTOUR
- - - - - PROPOSED MINOR CONTOUR
- - - - - EXISTING SLOPE - PERCENT
- - - - - EXISTING SLOPE - RISE/RUN
- - - - - PROPOSED SLOPE - PERCENT
- - - - - PROPOSED SLOPE - RISE/RUN
- - - - - PROPOSED SPOT ELEVATION - HIGH POINT
- - - - - PROPOSED SPOT ELEVATION - LOW POINT
- - - - - PROPOSED SPOT ELEVATION - TOP OF BERM
- - - - - PROPOSED SPOT ELEVATION - FLOW LINE
- - - - - PROPOSED SPOT ELEVATION - TOP OF GRATE
- - - - - PROPOSED SPOT ELEVATION - FINISHED GRADE
- - - - - PROPOSED SPOT ELEVATION - SIDEWALK
- - - - - PROPOSED SPOT ELEVATION - EDGE OF CONCRETE
- - - - - PROPOSED SPOT ELEVATION - EDGE OF ASPHALT
- - - - - PROPOSED SPOT ELEVATION - MATCH EXISTING

**UTILITY LEGEND**

- - - - - EXISTING WATER LINE
- - - - - PROPOSED WATER LINE
- - - - - EXISTING SANITARY SEWER
- - - - - PROPOSED SANITARY SEWER
- - - - - EXISTING STORM SEWER
- - - - - PROPOSED STORM SEWER
- - - - - EXISTING GAS LINE
- - - - - PROPOSED GAS LINE
- - - - - EXISTING UNDERGROUND TELEPHONE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - EXISTING FIBER OPTIC LINE
- - - - - EXISTING FIBER OPTIC STRUCTURES
- - - - - EXISTING TELEPHONE PEDESTAL
- - - - - EXISTING ELECTRIC TRANSFORMER
- - - - - EXISTING POWER POLE
- - - - - EXISTING STREET LIGHT
- - - - - PROPOSED STREET LIGHT
- - - - - PROPOSED WATER METER
- - - - - EXISTING WATER VALVE
- - - - - PROPOSED WATER VALVE
- - - - - EXISTING FIRE HYDRANT
- - - - - PROPOSED FIRE HYDRANT
- - - - - EXISTING STORM SEWER MANHOLE
- - - - - PROPOSED STORM SEWER MANHOLE
- - - - - EXISTING SANITARY SEWER MANHOLE
- - - - - PROPOSED SANITARY SEWER MANHOLE

**BASIS OF BEARING**

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. BEARINGS ARE BASED ON THE SOUTH LINE OF LOTS 2, 3, & 4 OF FALCON RANCHETTES, AND IS CONSIDERED TO BEAR S89°40'45"W. DEFINED BY FOUND MONUMENTS AS FOLLOWS: A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2372", BEING THE SOUTHEAST CORNER OF LOT 2; AND A NO. 4 REBAR WITH A 1-1/4" YELLOW PLASTIC CAP STAMPED "LS 2484", BEING THE SOUTHWEST CORNER OF LOT 4.

**BENCHMARK**

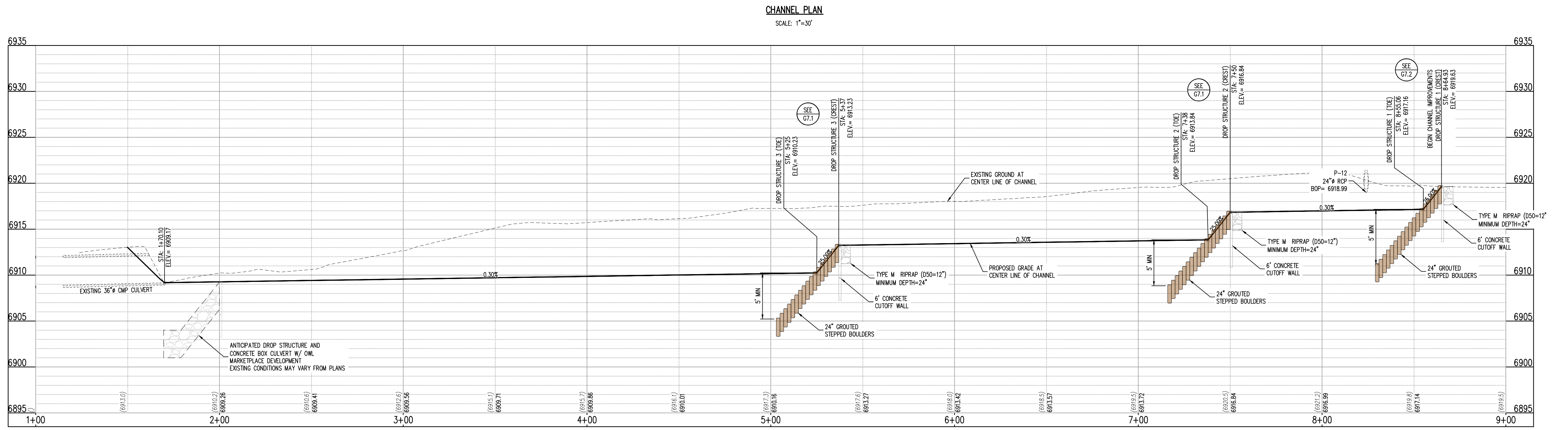
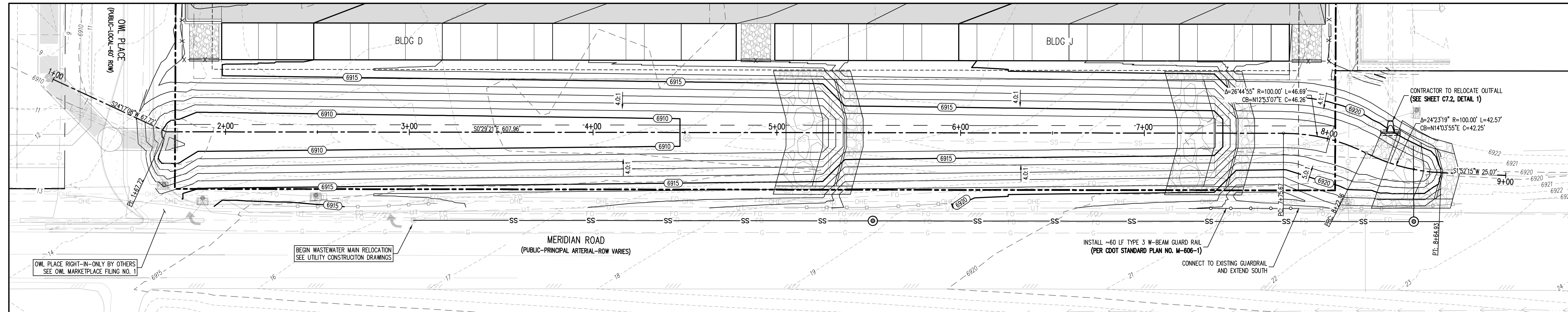
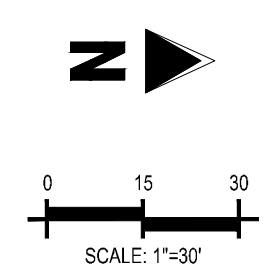
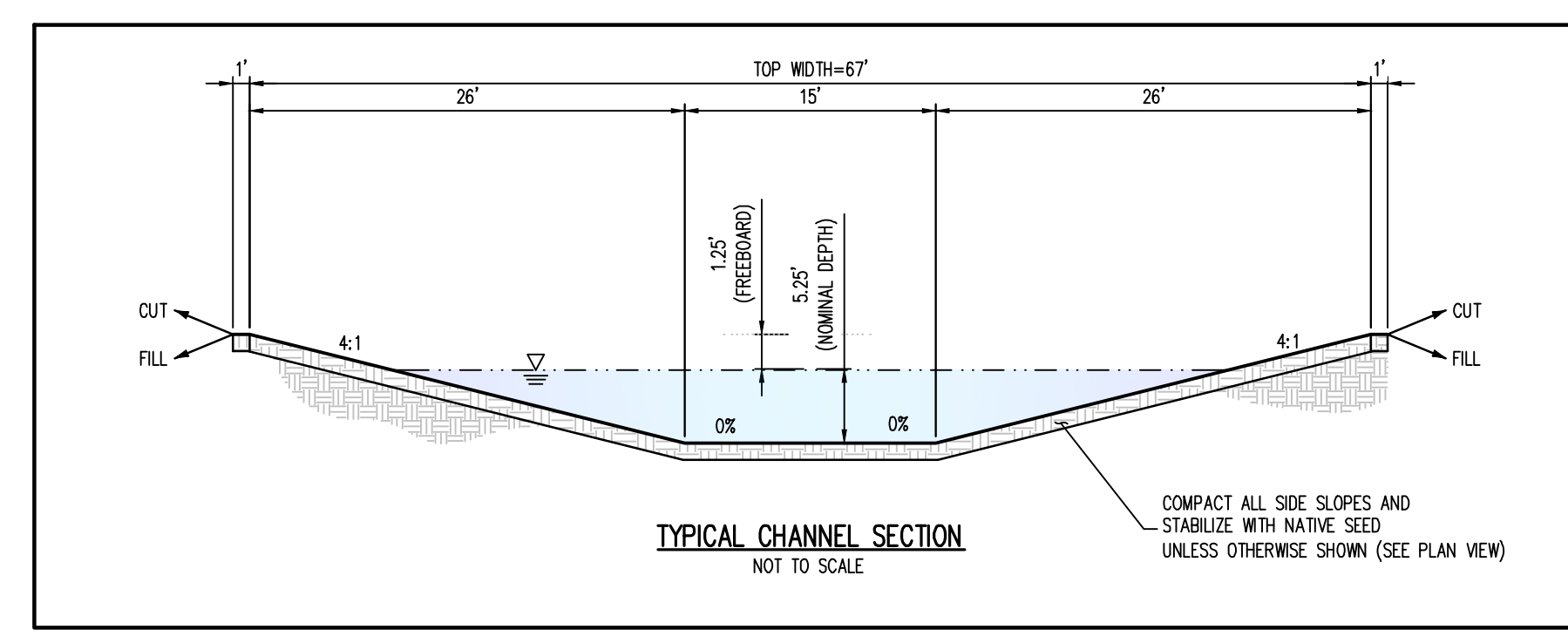
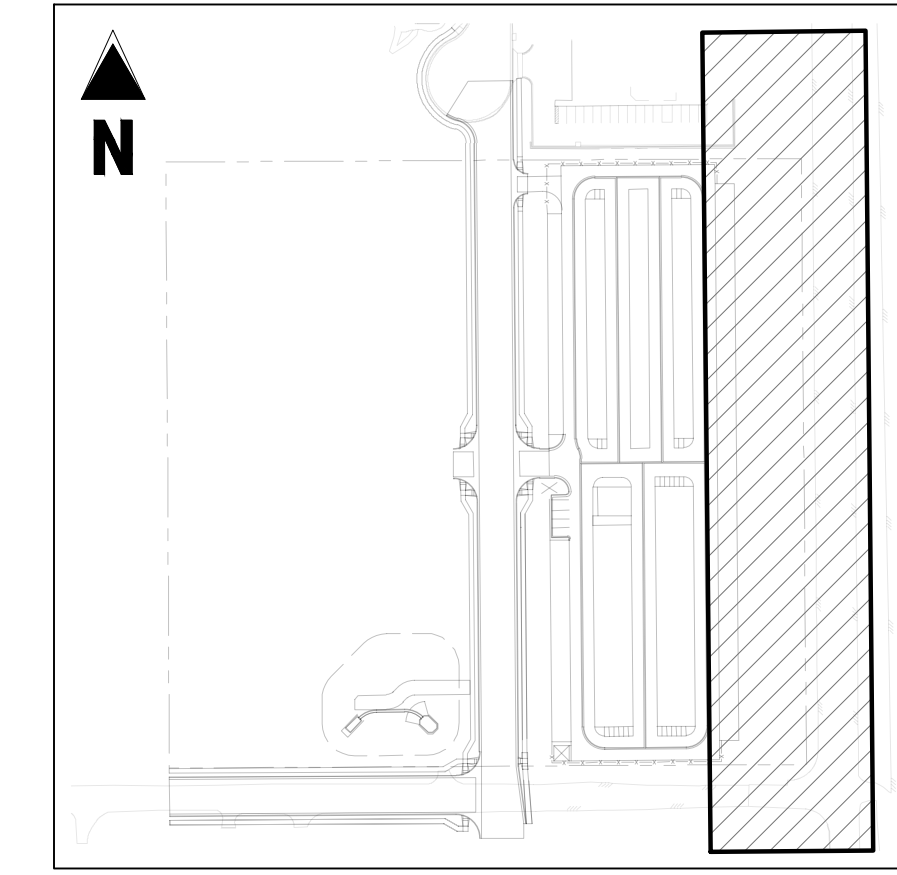
THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A NO. 4 REBAR WITH A YELLOW PLASTIC CAP STAMPED "PLS 2484", NAVD83 ELEVATION = 6947.67

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

**CAUTION - NOTICE TO CONTRACTOR**

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



CHANNEL PROFILE (STA: 1+00 - 9+00)  
SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'



**COPYRIGHT**  
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



CONSTRUCTION DRAWINGS  
MERIDIAN STORAGE  
MERIDIAN STORAGE, LLC  
VR239 & PPR2336

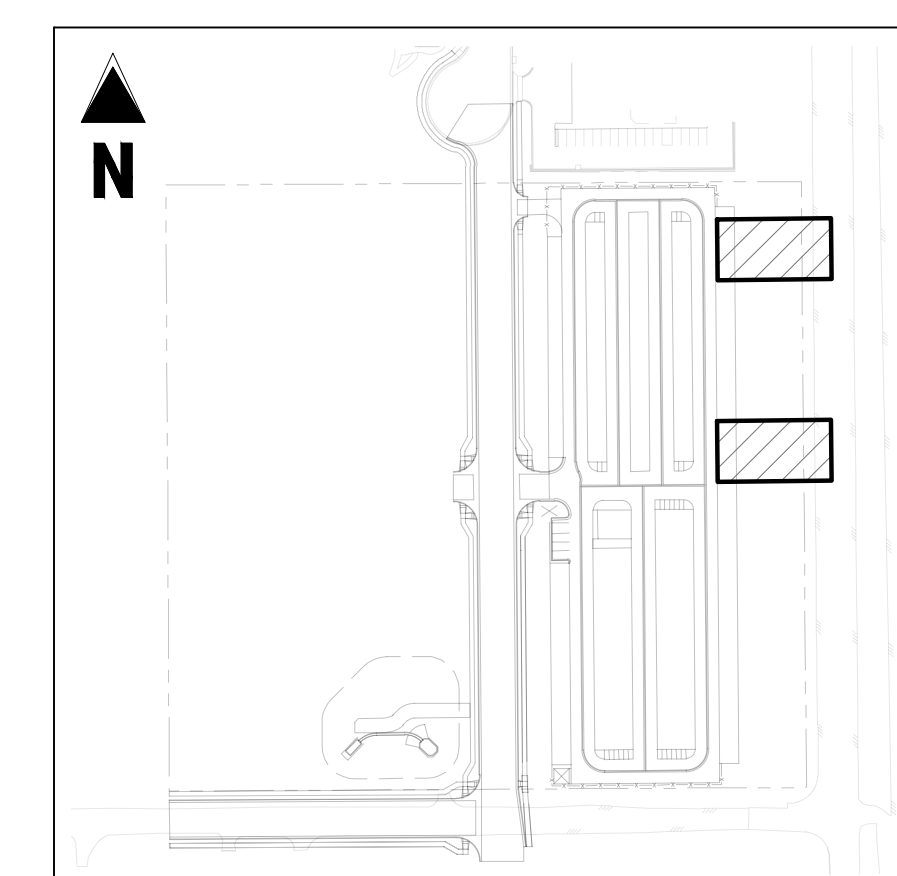
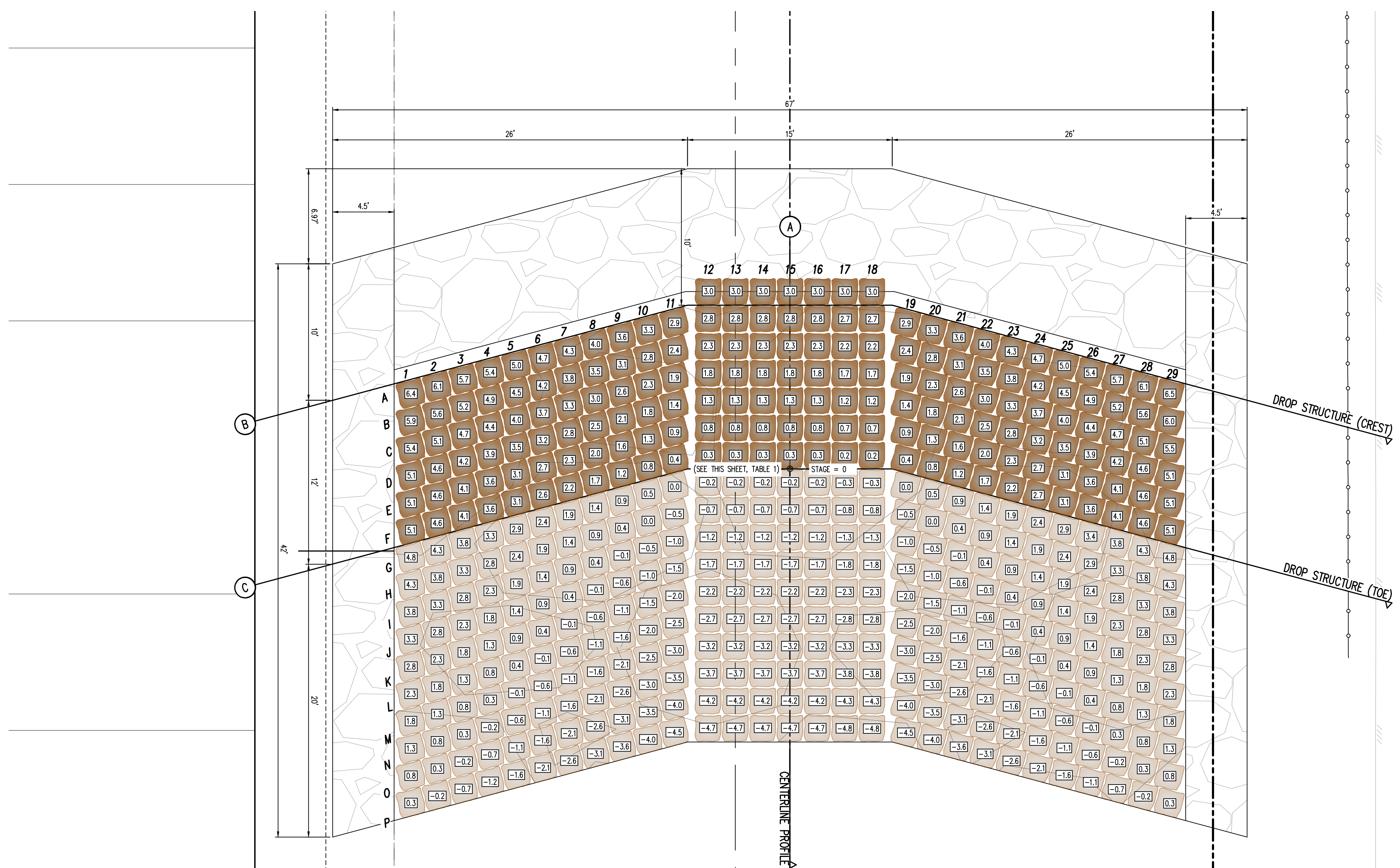
STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
Drawn By: JDM  
Checked By: BAS, CMWJ  
Date: 05/06/2024

CHANNEL PLAN & PROFILE

VR239 & PPR2336

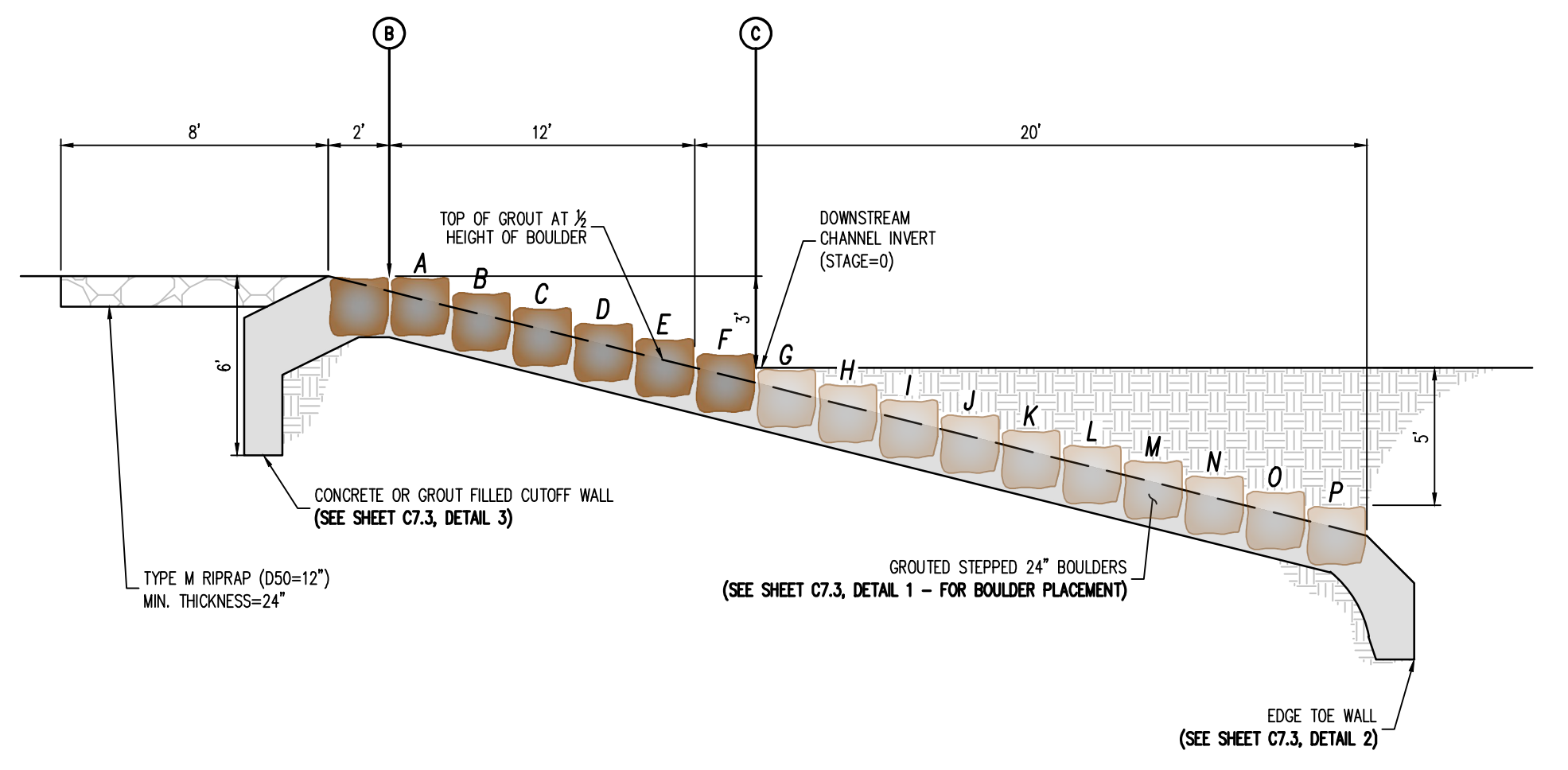


**KEYMAP**  
SCALE: 1"=200'

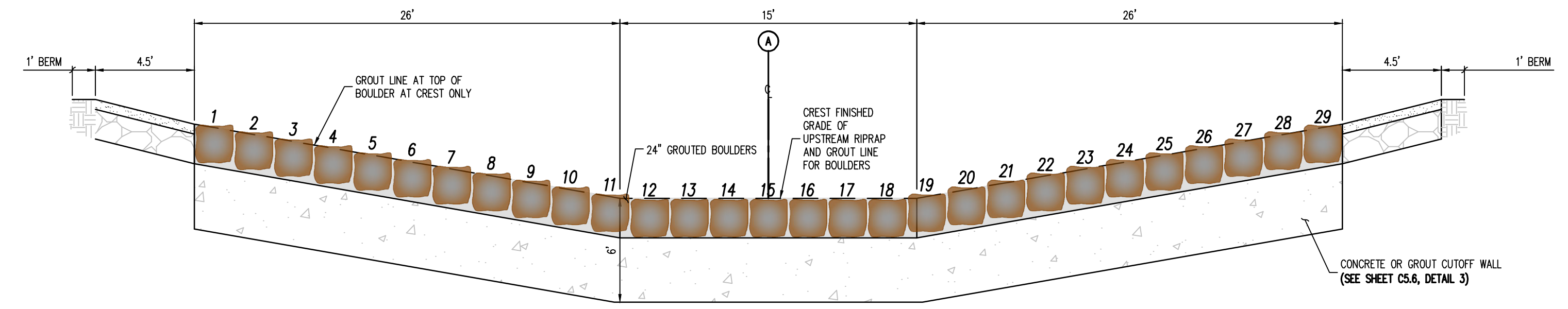
DROP STRUCTURE #2	6913.84
DROP STRUCTURE #3	6910.23
NOTE: STAGE=0 IS LOCATED AT THE TIDE OF CHANNEL ALONG THE CENTER LINE ALIGNMENT. CONTRACTOR SHALL ENSURE ELEVATIONS ABOVE MATCH THE ELEVATIONS SHOWN ON PLAN & PROFILE SHEETS (06.1)	

- NOTES:**
- PLACE BOULDERS AS TIGHTLY TOGETHER AS POSSIBLE (WITHOUT TOUCHING) WHILE PROVIDING ENOUGH ROOM BETWEEN THEM TO THOROUGHLY VIBRATE THE GROUT AND TO ENSURE NO GAPS IN THE GROUT. THE SMALL DIMENSION OF A 2X4 CAN BE USED AS A GUIDE TO CHECK MINIMUM SPACING.
  - BEFORE GROUTING, CLEAN ALL DIRT AND MATERIAL FROM ROCK THAT COULD PREVENT THE GROUT FROM BINDING TO THE ROCK. KEEP BOULDERS FROM TOUCHING. AVOID SLIDING BOULDERS AGAINST SUBGRADE TO PROPERLY POSITION.
  - DUE TO VARIABILITY IN BOULDER SIZES, THE LAYOUT PROVIDED ON THIS DETAIL MAY NOT MATCH THE COMPLETED LAYOUT IN CONSTRUCTION.
  - REFER TO SHEET C7.3 FOR ADDITIONAL GROUTED BOULDER PLACEMENT NOTES AND SPECIFICATIONS.

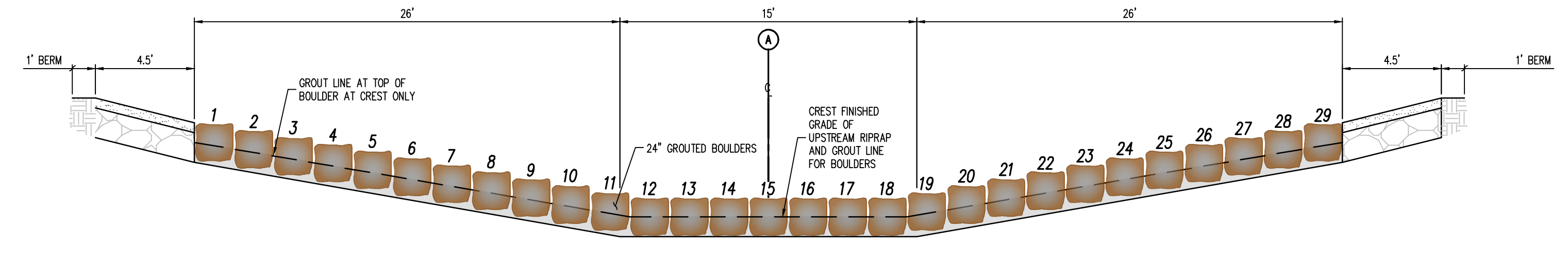
① DROP STRUCTURE (#2, #3) - PLAN VIEW  
SCALE: 1"=5'



② DROP STRUCTURE (#2, #3) - PROFILE VIEW (SECTION A)  
NOT TO SCALE



③ DROP STRUCTURE (#2, #3) - PROFILE VIEW (SECTION B)  
NOT TO SCALE



④ DROP STRUCTURE (#2, #3) - PROFILE VIEW (SECTION C)  
NOT TO SCALE



**COPYRIGHT**  
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



CONSTRUCTION DRAWINGS  
MERIDIAN STORAGE  
MERIDIAN STORAGE, LLC  
VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
Drawn By: JDM  
Checked By: BAS, CMWJ  
Date: 05/06/2024

DROP STRUCTURE 2 & 3  
DETAILS  
VR239 & PPR2336



**COPYRIGHT**  
 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.



CONSTRUCTION DRAWINGS  
 MERIDIAN STORAGE  
 MERIDIAN STORAGE, LLC  
 VR239 & PPR2336

STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
 EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

Project No: MRS01  
 Drawn By: JDM  
 Checked By: BAS, CMWJ  
 Date: 05/06/2024

DROP STRUCTURE 1  
 DETAILS

VR239 & PPR2336

## C7.2

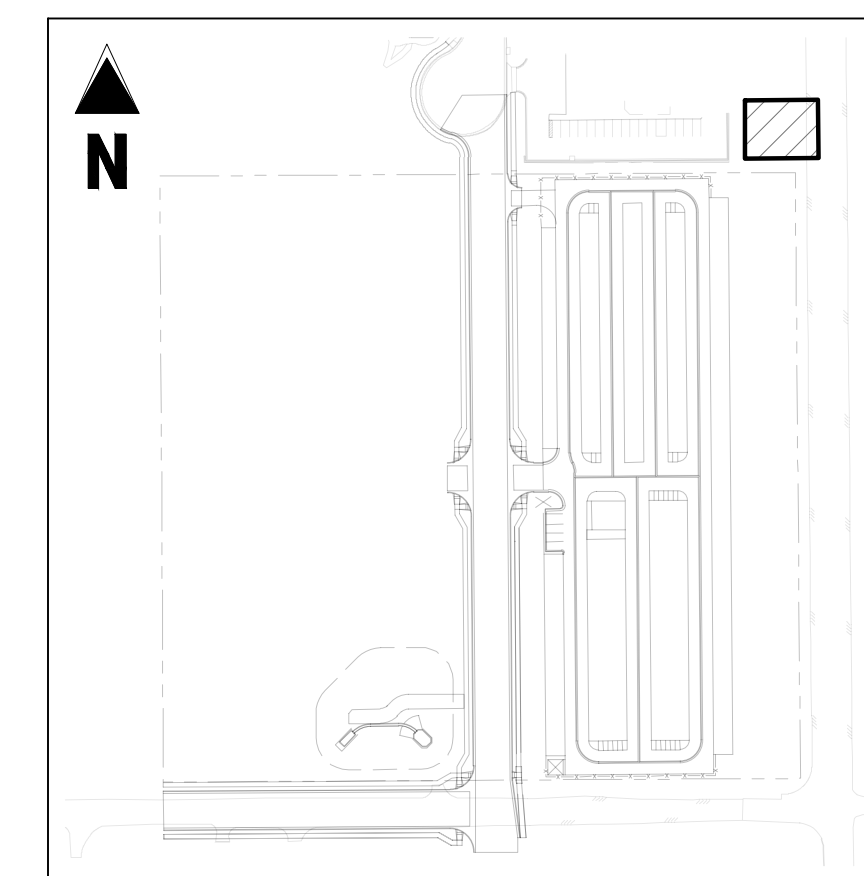
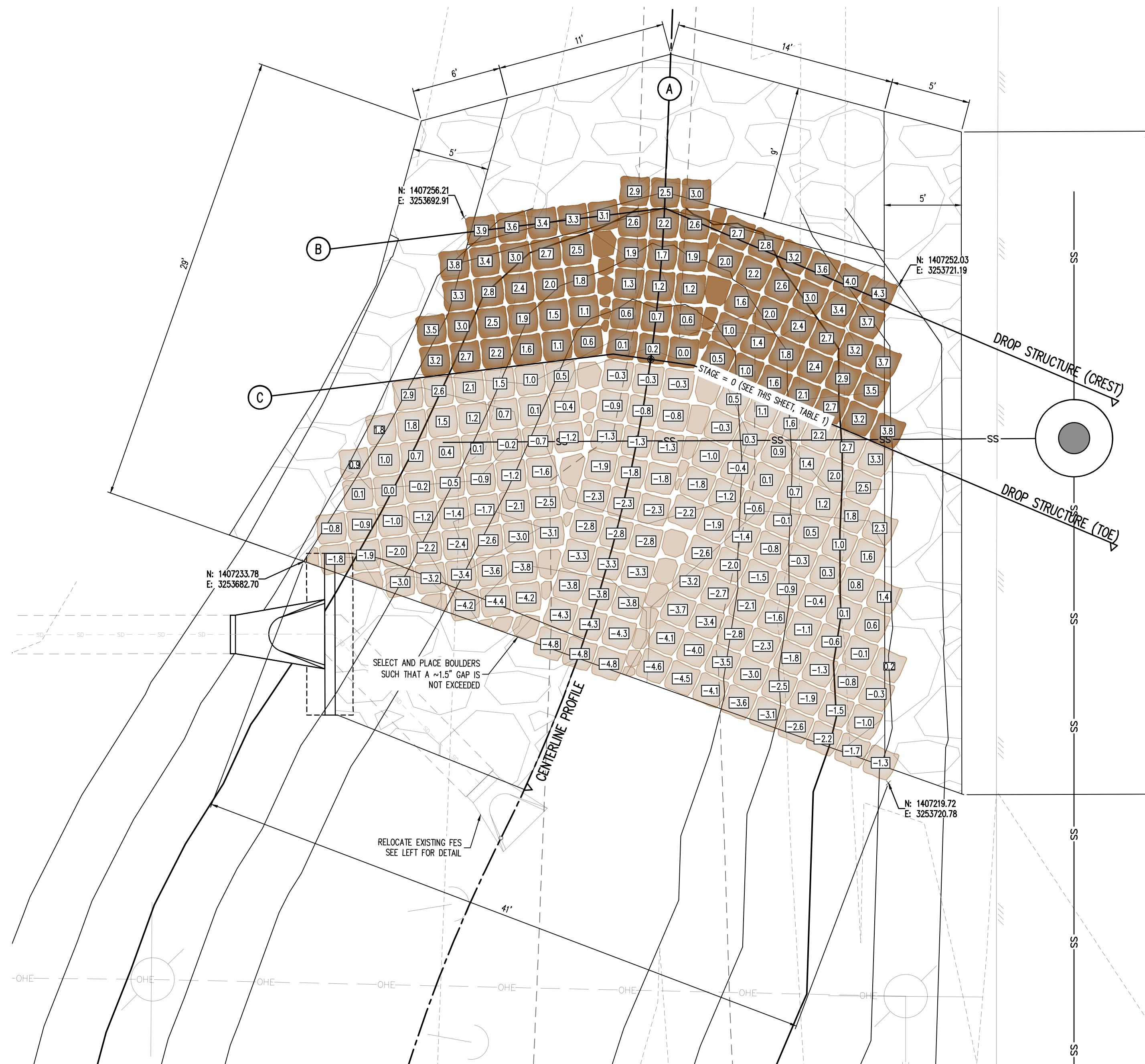


TABLE 1: DROP STRUCTURE STAGE ELEVATIONS	
DROP STRUCTURE #1	6917.16

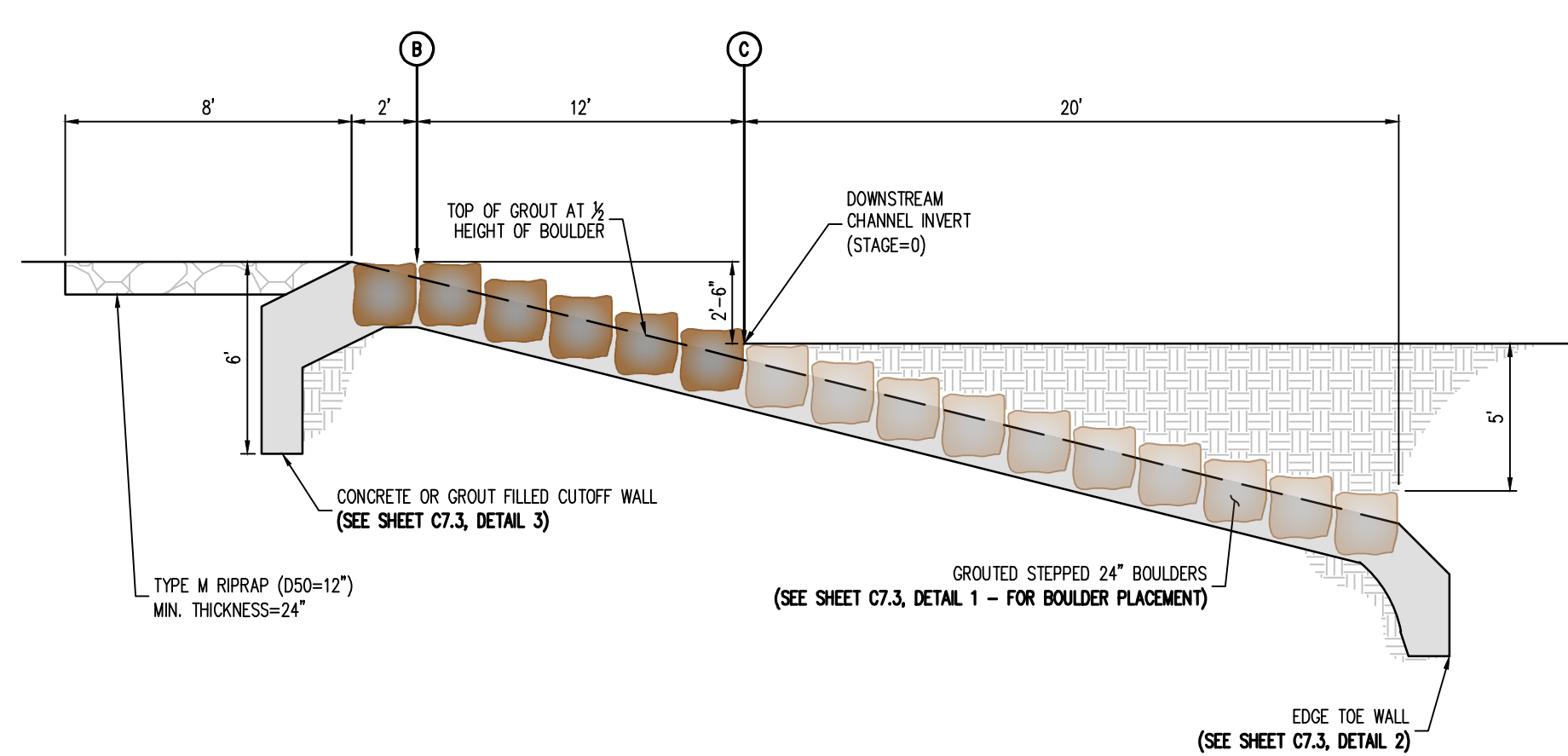
NOTE: STAGE #0 IS LOCATED AT THE TOE OF CHANNEL ALONG THE CENTER LINE ALIGNMENT. CONTRACTOR SHALL ENSURE ELEVATIONS ABOVE MATCH THE ELEVATIONS SHOWN ON PLAN & PROFILE SHEETS (C6.1)

NOTES:

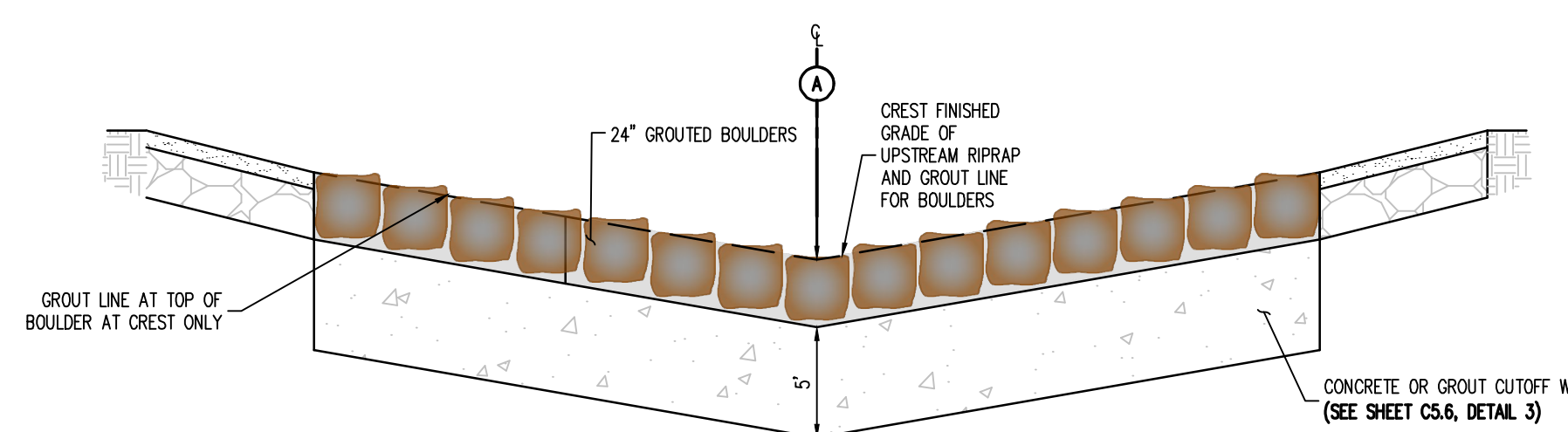
- PLACE BOULDERS AS TIGHTLY TOGETHER AS POSSIBLE (WITHOUT TOUCHING) WHILE PROVIDING ENOUGH ROOM BETWEEN THEM TO THOROUGHLY VIBRATE THE GROUT AND TO ENSURE NO GAPS IN THE GROUT. THE SMALL DIMENSION OF A 2x4 CAN BE USED AS A GUIDE TO CHECK MINIMUM SPACING.
- BEFORE GROUTING, CLEAN ALL DIRT AND MATERIAL FROM ROCK THAT COULD PREVENT THE GROUT FROM BINDING TO THE ROCK. KEEP BOULDERS FROM TOUCHING. AVOID SLIDING BOULDERS AGAINST SUBGRADE TO PROPERLY POSITION.
- DUE TO VARIABILITY IN BOULDER SIZES, THE LAYOUT PROVIDED ON THIS DETAIL MAY NOT MATCH THE COMPLETED LAYOUT IN CONSTRUCTION.
- REFER TO SHEET C7.3 FOR ADDITIONAL GROUTED BOULDER PLACEMENT NOTES AND SPECIFICATIONS.



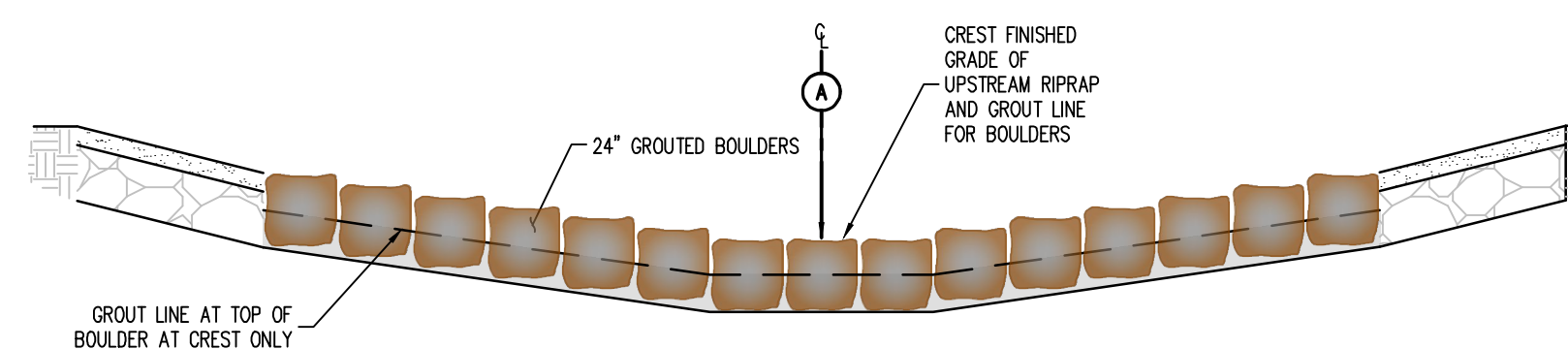
1 DROP STRUCTURE (#1) - PLAN VIEW  
 SCALE: 1"=5'



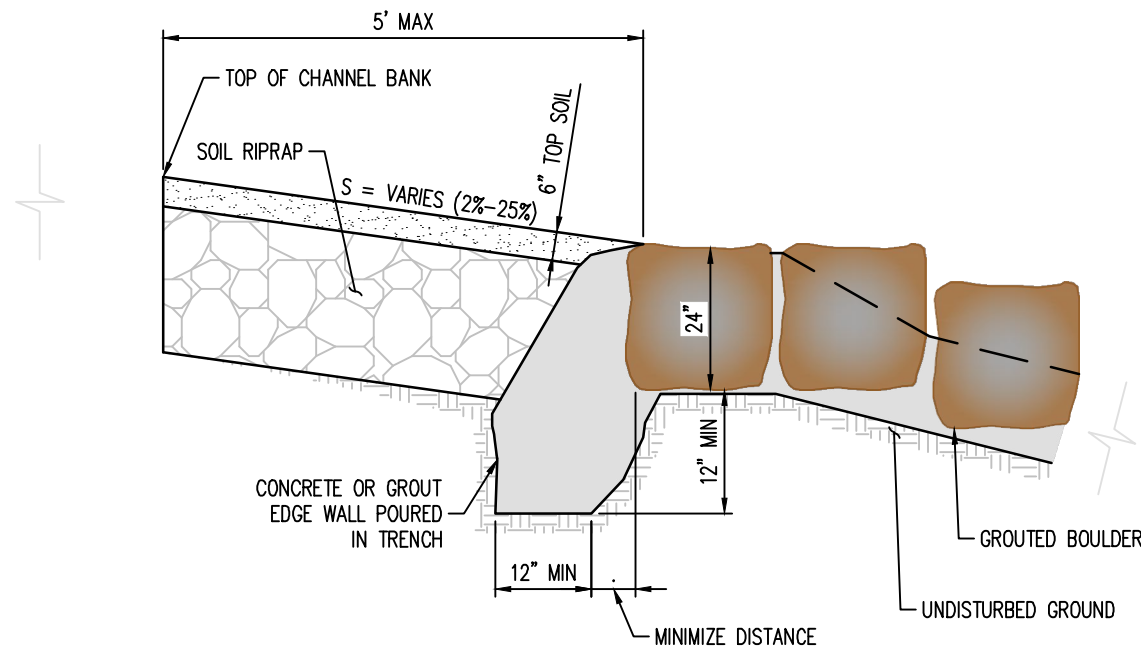
2 DROP STRUCTURE (#1) - PROFILE VIEW (SECTION A)  
 NOT TO SCALE



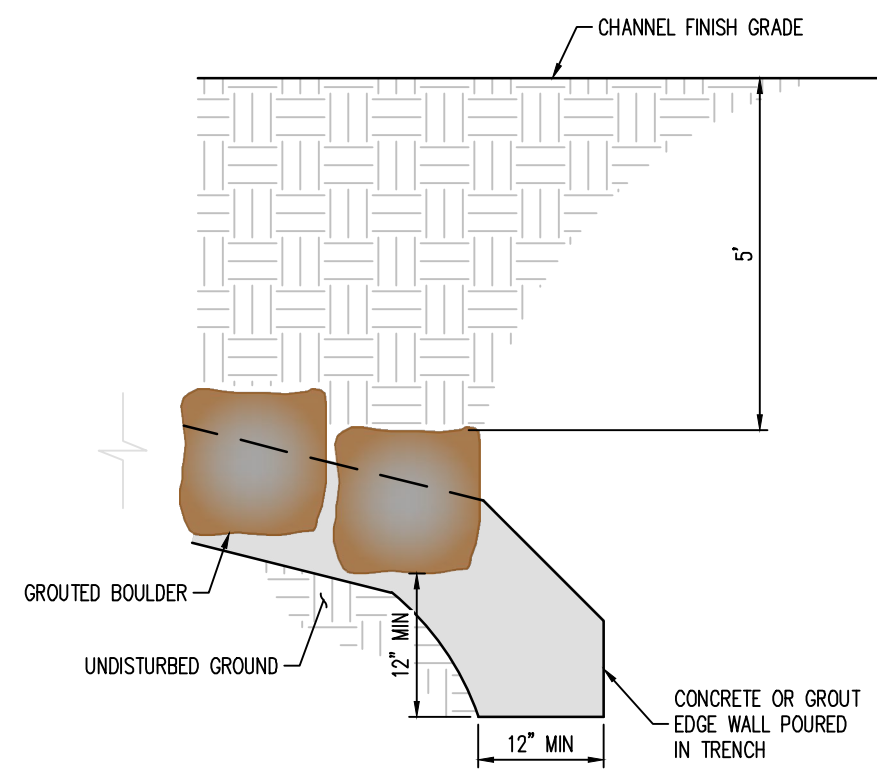
3 DROP STRUCTURE (#1) - PROFILE VIEW (SECTION B)  
 NOT TO SCALE



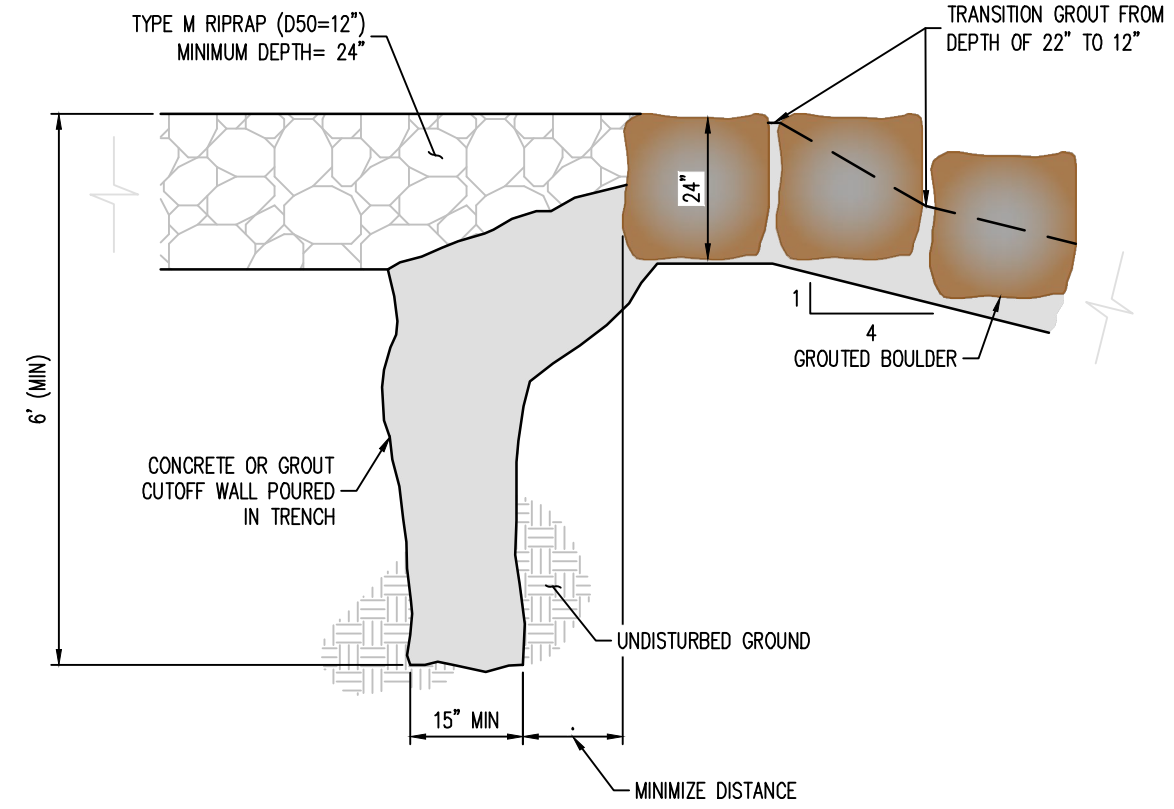
4 DROP STRUCTURE (#1) - PROFILE VIEW (SECTION C)  
 NOT TO SCALE



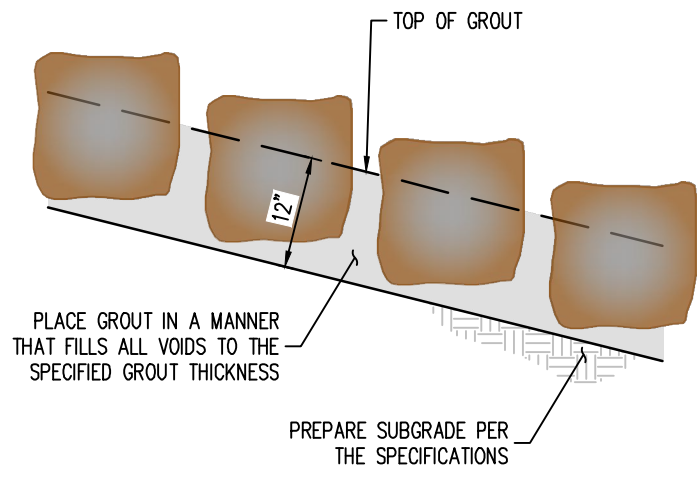
EDGE SIDE WALL DETAIL



EDGE TOE WALL DETAIL



CUT-OFF WALL DETAIL  
NOT TO SCALE



**BOULDER PLACEMENT NOTES:**

1. PLACE BOULDERS WITH THE REQUIRED BOULDER HEIGHT VERTICAL. PLACE BOULDERS AS TIGHTLY TOGETHER AS POSSIBLE (WITHOUT TOUCHING) WHILE PROVIDING ENOUGH ROOM BETWEEN THEM TO THOROUGHLY VIBRATE THE GROUT AND TO ENSURE NO GAPS IN THE GROUT. THE SMALL DIMENSION OF A 2x4 CAN BE USED AS A GUIDE TO CHECK MINIMUM SPACING.
2. BEFORE GROUTING, CLEAN ALL DIRT AND MATERIAL FROM ROCK THAT COULD PREVENT THE GROUT FROM BINDING TO THE ROCK. KEEP BOULDERS FROM TOUCHING. AVOID SLIDING BOULDERS AGAINST SUBGRADE TO PROPERLY POSITION.

**MATERIAL SPECIFICATIONS:**

1. ALL GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH EQUAL TO 3200 PSI.
2. ONE CUBIC YARD OF GROUT SHALL HAVE A MINIMUM OF SIX (6) SACKS OF TYPE II PORTLAND CEMENT.
3. A MAXIMUM OF 25% TYPE F FLY ASH MAY BE SUBSTITUTED FOR THE PORTLAND CEMENT.
4. THE AGGREGATE SHALL BE COMPRISED OF 70% NATURAL SAND (FINES) AND 30% 3/8" ROCK (COARSE).
5. THE GROUT SLUMP SHALL BE BETWEEN 4-INCHES TO 6-INCHES.
6. AIR ENTRAINMENT SHALL BE BETWEEN 5.5% AND 7.5%.
7. TO CONTROL SHRINKAGE AND CRACKING, 1.5 POUNDS OF FIBERMESH, OR EQUIVALENT, SHALL BE USED PER CUBIC YARD OF GROUT.
8. COLOR ADDITIVE IN REQUIRED AMOUNTS SHALL BE USED WHEN SO SPECIFIED BY CONTRACT.

**GROUT PLACEMENT SPECIFICATIONS:**

1. SPECIAL PROCEDURES SHALL BE REQUIRED FOR GROUT PLACEMENT WHEN THE AIR TEMPERATURES ARE LESS THAN 40°F OR GREATER THAN 90°F. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE DESIGN ENGINEER OF THE PROCEDURES TO BE USED FOR PROTECTING THE GROUT.
2. GROUT SHALL BE DELIVERED BY MEANS OF A LOW PRESSURE (LESS THAN 10 PSI) GROUT PUMP USING A 2-INCH DIAMETER (MAXIMUM) NOZZLE.
3. FULL DEPTH PENETRATION OF THE GROUT INTO THE BOULDER VOIDS SHALL BE ACHIEVED BY INJECTING GROUT STARTING WITH THE NOZZLE NEAR THE BOTTOM AND RAISING IT AS THE GROUT FILLS, WHILE VIBRATING GROUT INTO PLACE USING A PENCIL VIBRATOR.
4. ALL GROUT BETWEEN BOULDERS SHALL BE TREATED WITH A BROOM FINISH.
5. AFTER GROUT PLACEMENT, EXPOSED BOULDER FACES SHALL BE CLEANED AND FREE OF GROUT.
6. ALL FINISHED GROUT SURFACES SHALL BE SPRAYED WITH A CLEAR LIQUID MEMBRANE CURING COMPOUND AS SPECIFIED IN ASTM C309.

GROUTED BOULDER PLACEMENT DETAIL  
NOT TO SCALE

**SOIL RIPRAP SPECIFICATIONS:**

1. CONTRACTOR SHALL EXCAVATE AREAS TO RECEIVE SOIL RIPRAP TO THE SPECIFIED DEPTH.
2. SUBGRADE SHOULD BE COMPACTED TO NINETY-FIVE PERCENT (95%) MAXIMUM DENSITY.
3. NO BEDDING MATERIAL IS REQUIRED FOR SOIL RIPRAP.
4. RIPRAP SHALL BE PLACED ON THE PREPARED SLOPE OR CHANNEL BOTTOM AREAS IN A MANNER WHICH WILL PRODUCE A REASONABLY WELL GRADED MASS OF STONE WITH THE MINIMUM PRACTICABLE PERCENTAGE OF VOIDS.
5. RIPRAP SHALL BE MACHINE PLACED.
6. IT IS THE INTENT OF THESE SPECIFICATIONS TO PRODUCE A FAIRLY COMPACT RIPRAP PROTECTION IN WHICH ALL SIZES OF MATERIAL ARE PLACED IN THEIR PROPER PROPORTIONS.
7. WHEN RIPRAP IS PLACED ON SLOPE, PLACEMENT SHALL COMMENCE AT THE BOTTOM OF THE SLOPE WORKING UP THE SLOPE.
8. ALL MATERIAL USED FOR RIPRAP PROTECTION FOR CHANNEL SLOPE OR BOTTOM SHALL BE PLACED AND DISTRIBUTED SUCH THAT THERE SHALL BE NO LARGE ACCUMULATIONS OF EITHER THE LARGER OR SMALLER SIZES OF STONE. SOME HAND PLACEMENT MAY BE REQUIRED TO ACHIEVE THIS DISTRIBUTION.
9. SMALLER ROCK SHALL BE SECURELY LOCKED BETWEEN THE LARGER STONE. IT IS ESSENTIAL THAT THE MATERIAL BETWEEN THE LARGER STONES NOT BE LOOSE OR EASILY DISPLACED BY FLOW.
10. THE SOIL MATERIAL SHALL BE NATIVE OR TOPSOIL AND MIXED WITH SIXTY-FIVE PERCENT (65%) RIPRAP AND THIRTY-FIVE PERCENT (35%) SOIL BY VOLUME.
11. SOIL RIPRAP SHALL CONSIST OF A UNIFORM MIXTURE OF SOIL AND RIPRAP WITHOUT VOIDS.
12. SOIL RIPRAP SHALL BE FREE OF BRUSH, TREES, STUMPS, AND OTHER OBJECTIONABLE MATERIAL AND BE GRADED TO A SMOOTH COMPACTED SURFACE.
13. MIXING OF SOIL AND RIPRAP SHOULD BE DONE AT THE STOCKPILE LOCATION, NOT AT THE LOCATION WHERE SOIL RIPRAP IS TO BE PLACED.
14. MIX THIRTY-FIVE PERCENT (35%) SOIL BY VOLUME WITH STOCKPILED RIPRAP, USING ADDITIONAL MOISTURE AND CONTROL PROCEDURES THAT ENSURE A HOMOGENOUS MIXTURE; WHERE THE SOIL FILLS THE INHERENT VOIDS IN THE RIPRAP WITHOUT DISPLACING RIPRAP.
15. LAYERING THE RIPRAP AND SOIL INSTEAD OF PREMIXING MAY BE ALLOWED IF THE NATIVE SOIL IS GRANULAR.
16. PLACE A FIRST LAYER OF SMALLER SOIL RIPRAP OF APPROXIMATE D50 THICKNESS. THEN PLACE THE TOP LAYER WITH THE SURFACE ROCKS THAT ARE LARGELY D50 OR GREATER, FILLING VOIDS AS NECESSARY WITH THE SMALLER PLANTED RIPRAP.
17. THE MIXTURE SHALL BE CONSOLIDATED BY LARGE VIBRATORY EQUIPMENT OR BACKHOE BUCKET TO CREATE A TIGHT, DENSE INTERLOCKING MASS.
18. THE SOIL SHALL BE FURTHER WETTED TO ENCOURAGE VOID FILLING WITH SOIL.
19. ANY LARGE VOIDS SHALL BE FILLED WITH ROCK AND SMALL VOIDS FILLED WITH SOIL.
20. THE TOP SURFACE SHALL BE COVERED WITH FOUR (4) INCHES OF TOPSOIL SUCH THAT NO ROCK POINTS ARE PROTRUDING.
21. THE FINAL SURFACE SHALL BE THOROUGHLY WETTED FOR GOOD COMPACTION, SMOOTHED AND COMPACTED BY VIBRATING EQUIPMENT.



**COPYRIGHT**

THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFINGEMENTS WILL BE ENFORCED AND PROSECUTED.



CONSTRUCTION DRAWINGS  
MERIDIAN STORAGE  
MERIDIAN STORAGE, LLC  
VR239 & PPR2336

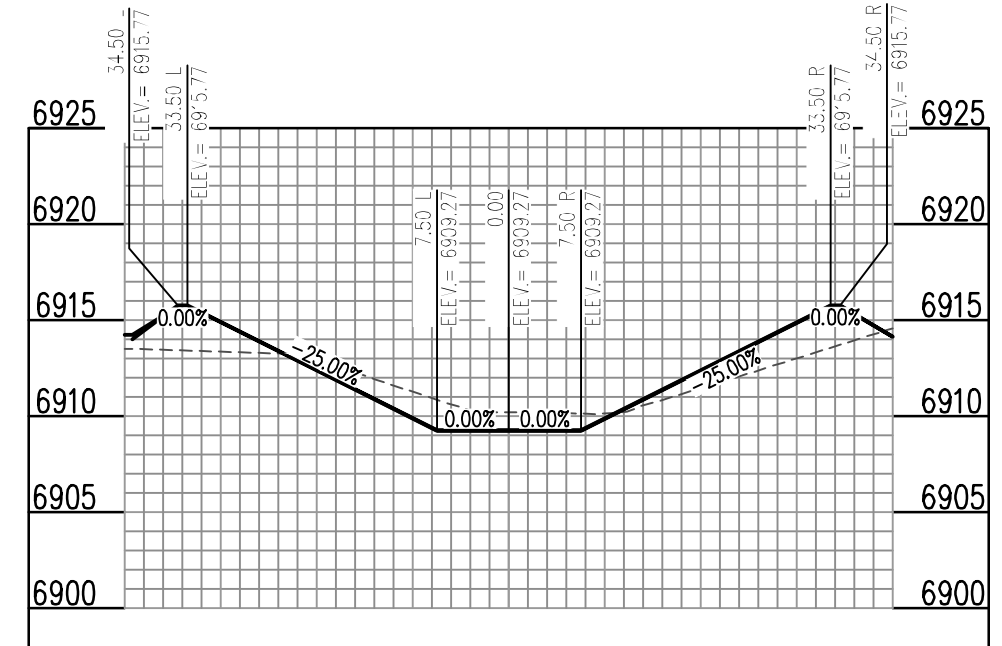
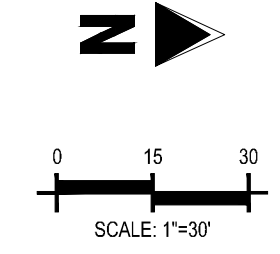
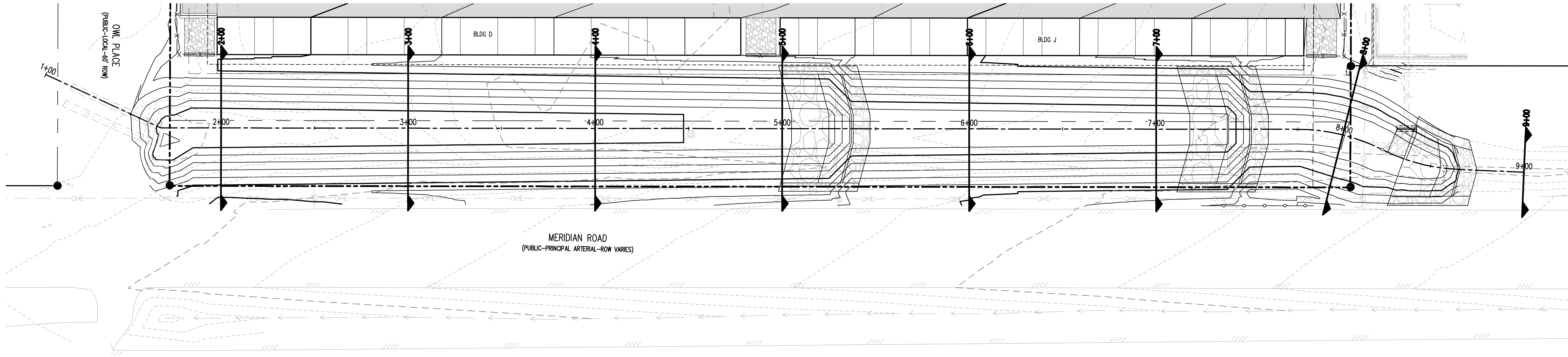
STATE OF COLORADO, MERIDIAN ROAD & OWL PLACE  
EL PASO COUNTY, FALCON, CO 80931

#	Date	Issue / Description	Init.

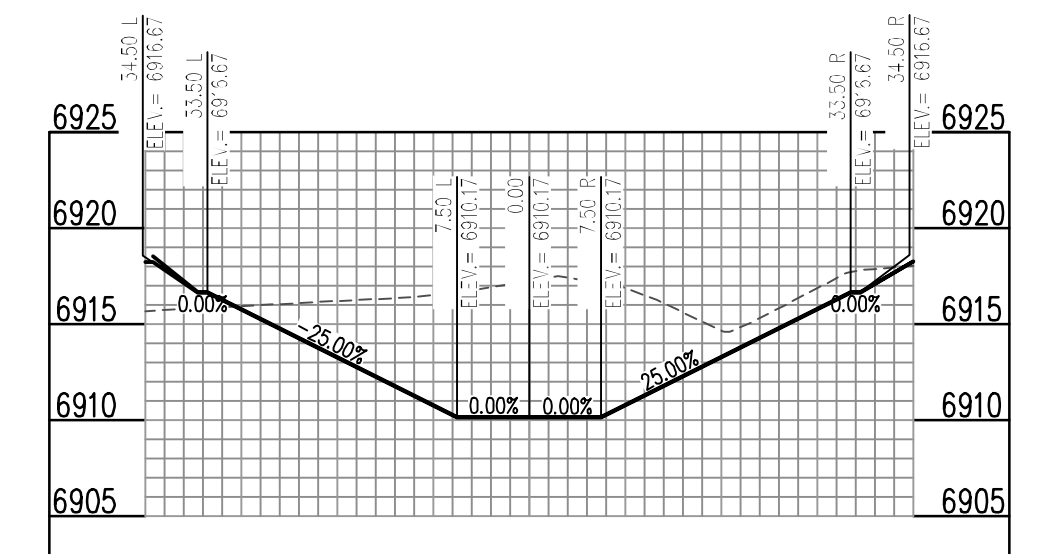
Project No: MRS01  
Drawn By: JDM  
Checked By: BAS, CMWJ  
Date: 05/06/2024

DROP STRUCTURE  
GENERAL DETAILS  
VR239 & PPR2336

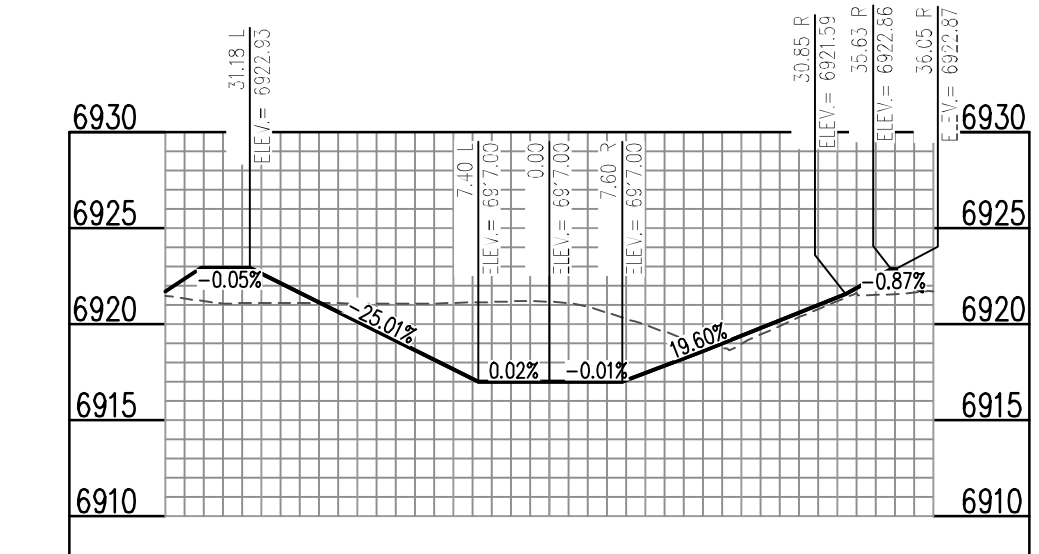




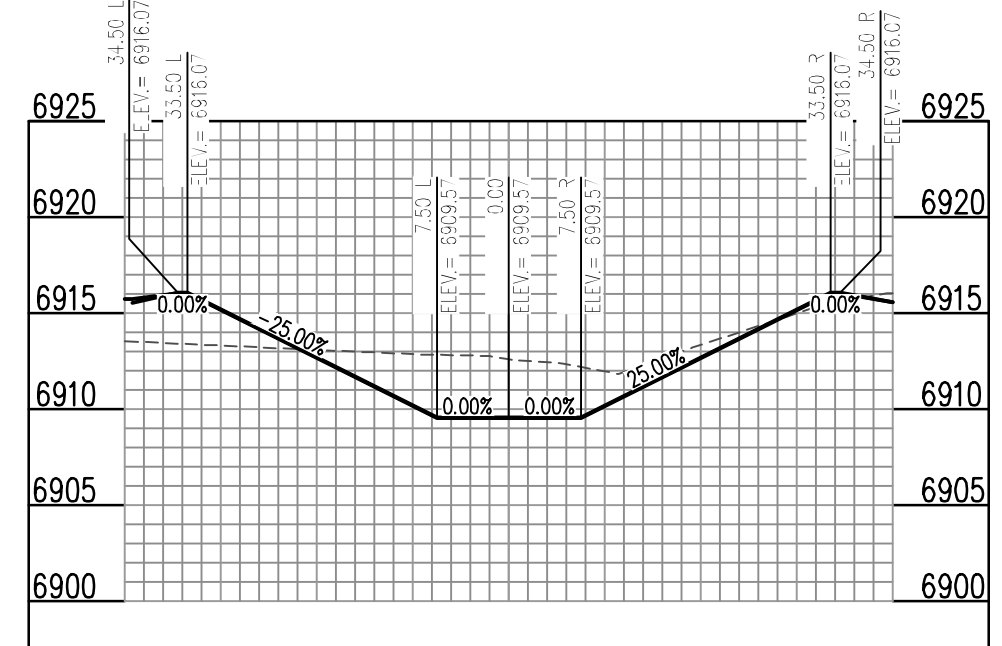
PROP. MERIDIAN ROAD CHANNEL (RMT064) (2+00) - SCALE: H: 1"=20' V: 1"=10'



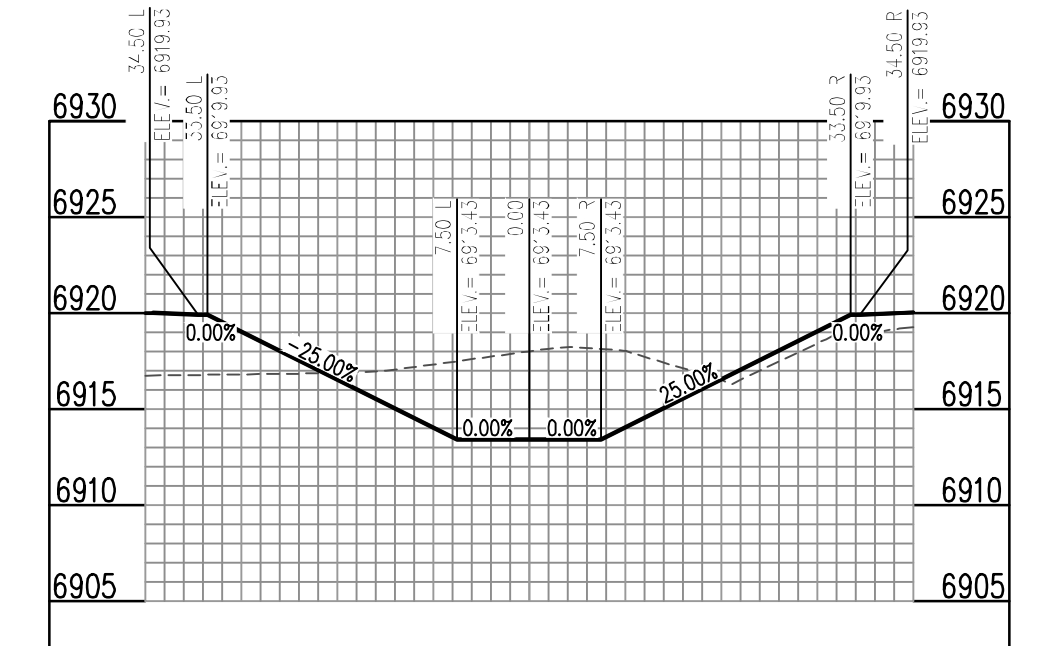
PROP. MERIDIAN ROAD CHANNEL (RMT064) (5+00) - SCALE: H: 1"=20' V: 1"=10'



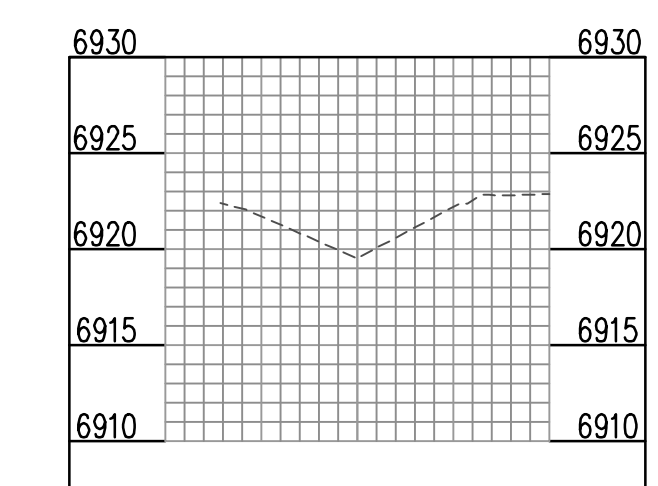
PROP. MERIDIAN ROAD CHANNEL (RMT064) (8+00) - SCALE: H: 1"=20' V: 1"=10'



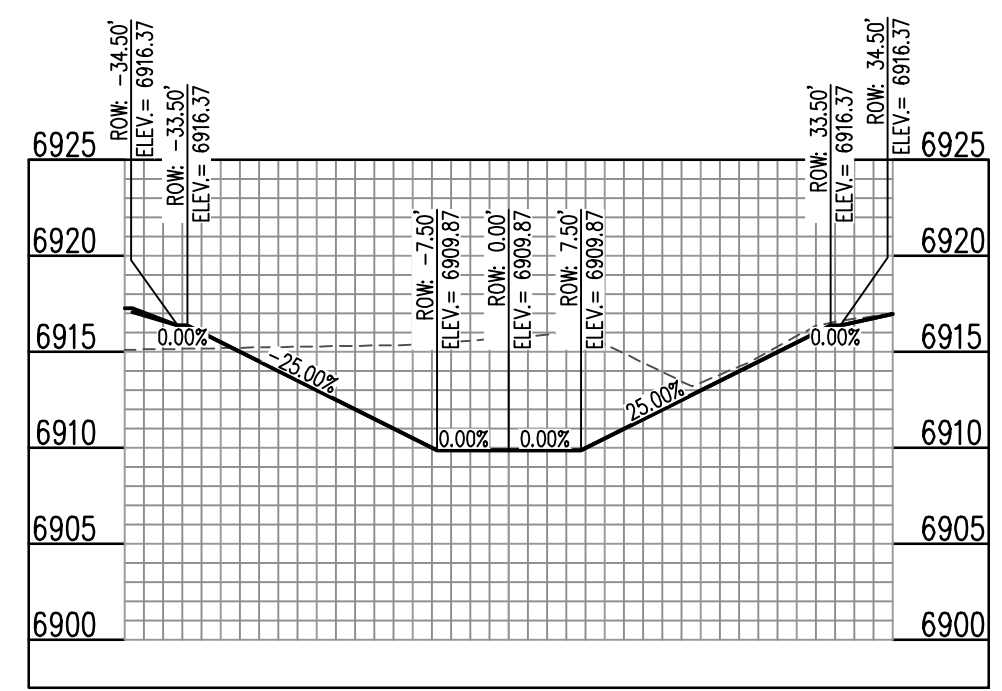
PROP. MERIDIAN ROAD CHANNEL (RMT064) (3+00) - SCALE: H: 1"=20' V: 1"=10'



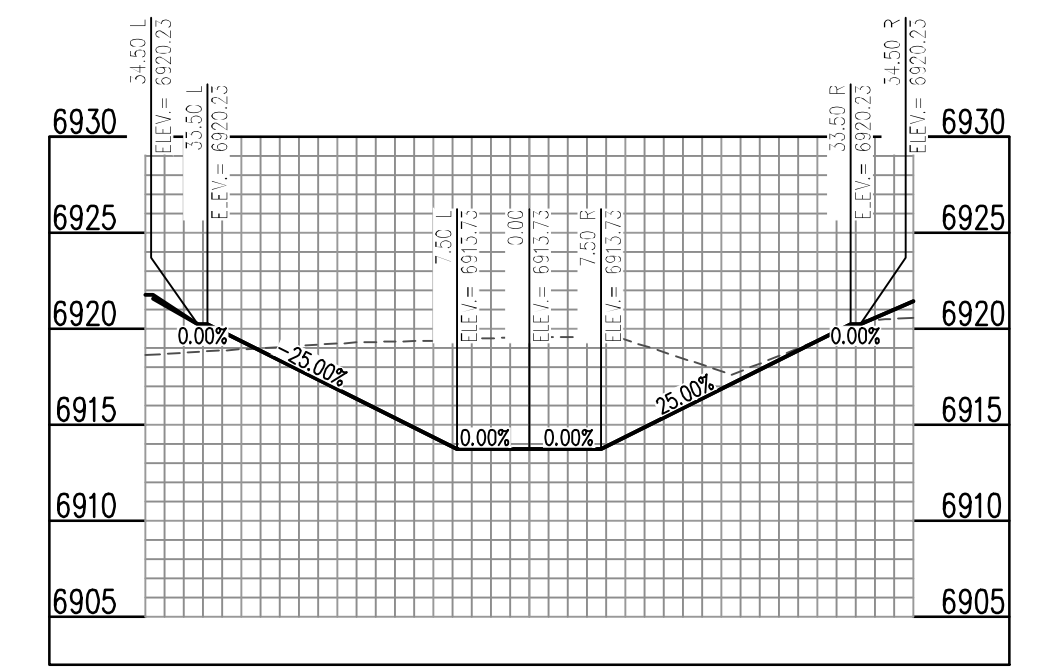
PROP. MERIDIAN ROAD CHANNEL (RMT064) (6+00) - SCALE: H: 1"=20' V: 1"=10'



PROP. MERIDIAN ROAD CHANNEL (RMT064) (9+00) - SCALE: H: 1"=20' V: 1"=10'



PROP. MERIDIAN ROAD CHANNEL (RMT064) (4+00) - SCALE: H: 1"=20' V: 1"=10'



PROP. MERIDIAN ROAD CHANNEL (RMT064) (7+00) - SCALE: H: 1"=20' V: 1"=10'



**COPYRIGHT**  
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF GALLOWAY. COPYRIGHTS AND INFINGEMENTS WILL BE ENFORCED AND PROSECUTED.



#	Date	Issue / Description	Init.

Project No: MRS01  
Drawn By: JDM  
Checked By: BAS, CMWJ  
Date: 05/06/2024

CHANNEL SECTIONS

VR239 & PPR2336