PUBLIC IMPROVEMENTS CONSTRUCTION PLANS
DXD CASTLE ROCK STORAGE

LOT 3D1, THE MEADOWS FILING NO. 19 - PARCEL 2N, AMENDMENT NO. 4
A PORTION OF SECTION 28, TOWNSHIP 7 SOUTH, RANGE 67 WEST
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO
TOWN OF CASTLE ROCK PROJECT NO. CD26-0014 AND FCO26-0061

GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF PUBLIC IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE TOWN OF CASTLE ROCK (TCR) MUNICIPAL CODE, TCR TECHNICAL MANUALS, AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE TECHNICAL MANUAL OR ANY APPLICABLE STANDARDS, THE MORE STRINGENT STANDARD SHALL APPLY. ALL WORK SHALL BE INSPECTED AND APPROVED BY THE TCR CONSTRUCTION INSPECTOR.

2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE.

3. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.

4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE TOWN AND ALL UTILITY COMPANIES INVOLVED WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.

5. CONTRACTOR SHALL PROVIDE A MINIMUM SEVENTY-TWO (72) HOURS NOTICE TO THE ON-SITE TCR CONSTRUCTION INSPECTOR, (720) 733-2200, PRIOR TO MAKING ANY CONNECTIONS/TIE-INS TO EXISTING WATER, SANITARY SEWER, AND/OR STORM SEWER SYSTEMS PROVIDED THAT THE UTILITY TIE-IN DOES NOT DISRUPT SERVICE TO EXISTING OR WATER CUSTOMERS. IF THE TIE-IN WILL DISRUPT UTILITY SERVICE, THEN CONTRACTOR SHALL PROVIDE A MINIMUM OF THREE (3) WEEKS NOTICE TO THE TCR CONSTRUCTION INSPECTOR TO ALLOW TIME FOR CR WATER TO PROVIDE WRITTEN NOTIFICATION TO EXISTING CUSTOMERS AFFECTED BY THE TIE-IN. ALL TOWN UTILITY TIE-INS MUST BE APPROVED BY CR WATER PRIOR TO COMMENCING WORK.

6. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE CRITERIA AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB ONSITE AT ALL TIMES.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.

8. IF DURING THE CONSTRUCTION PROCESS CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE TCR CONSTRUCTION INSPECTOR IMMEDIATELY.

9. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD UNLESS SPECIFICALLY STATED OTHERWISE.

10. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD TO THE APPROPRIATE RIGHT-OF-WAY AUTHORITY (TOWN, COUNTY OR STATE) FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.

11. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR AS DESIGNATED TO BE PROVIDED, INSTALLED, OR CONSTRUCTED UNLESS SPECIFICALLY NOTED OTHERWISE.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING AS-BUILT INFORMATION ON A SET OF RECORD DRAWINGS KEPT ON THE CONSTRUCTION SITE AND AVAILABLE TO THE TCR CONSTRUCTION INSPECTOR AT ALL TIMES.

13. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN, CONTACT THE CONSULTANT ENGINEER FOR CLARIFICATION AND ANNOTATE THE DIMENSION ON THE AS-BUILT RECORD DRAWINGS.

14. ALL INITIAL SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PER THE TEMPORARY EROSION & SEDIMENT CONTROL (TESC) PLAN PRIOR TO ANY EARTH-DISTURBING ACTIVITY. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES. REMOVAL OF CONTROL MEASURES SHALL NOT OCCUR WITHOUT THE APPROVAL OF THE STORMWATER INSPECTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE. THE CONTRACTOR SHALL ALSO COMPLY WITH ALL TERMS AND CONDITIONS OF THE COLORADO CONSTRUCTION GENERAL PERMIT FOR STORMWATER DISCHARGES.

15. THE CONTRACTOR SHALL PROVIDE AN ACTION PLAN IMMEDIATELY FOLLOWING THE PRE-CONSTRUCTION MEETING DETAILING SUFFICIENT MEANS TO MITIGATE DUST ON SITE DURING OVERLOT GRADING, ROCK CRUSHING OR OTHER EARTHWORK ACTIVITIES. IF THE CONTRACTOR FAILS TO CONTROL DUST, ALL EARTH DISTURBING ACTIVITIES SHALL BE STOPPED UNTIL SUFFICIENT MEASURES ARE TAKEN TO THE TOWN'S SATISFACTION. THE CONTRACTOR SHALL ALSO COMPLY WITH ALL TERMS AND CONDITIONS OF THE COLORADO AIR QUALITY REGULATIONS FOR LAND DEVELOPMENT, AS REQUIRED.

16. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF THE WATER LINES AND DRY UTILITIES.

17. THERE SHALL BE NO SITE CONSTRUCTION ACTIVITIES ON SATURDAYS UNLESS SPECIFICALLY APPROVED BY THE TCR CONSTRUCTION INSPECTOR AND NO SITE CONSTRUCTION ACTIVITIES ON SUNDAYS OR HOLIDAYS UNLESS THERE IS PRIOR WRITTEN APPROVAL BY THE PUBLIC WORKS DIRECTOR.

18. NO SOLID OBJECT (EXCLUDING FIRE HYDRANTS AND TRAFFIC CONTROL DEVICES AND TRAFFIC SIGNS) EXCEEDING THIRTY (30) INCHES IN HEIGHT ABOVE THE FLOWLINE ELEVATION OF THE ADJACENT STREET, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITY CABINETS, WALLS, FENCES, LANDSCAPE PLANTINGS, CROPS, CUT SLOPES, AND BERMS, SHALL BE PLACED WITHIN SIGHT DISTANCE LINES AND SIGHT DISTANCE EASEMENTS.

19. THIS PROPERTY IS LOCATED WITHIN ZONE X AS PER FEMA FIRM PANEL NO. 08035CO167G DATED 03/16/2016. NO PORTIONS OF THE PROPERTY ARE LOCATED WITHIN A DESIGNATED 100-YEAR FLOODPLAIN ZONE A/AE.

20. THE BENCHMARK INFORMATION IS PROVIDED IN THE LOWER RIGHT OF THIS SHEET. THE PROJECT BENCHMARK SHALL HAVE A PUBLISHED NAVD88 ELEVATION. I.E. NGS BENCHMARKS OR DOUGLAS COUNTY CONTROL POINTS. IN ADDITION TO THE PROJECT BENCHMARK, ANY ON-SITE BENCHMARKS SHOULD ALSO BE PROVIDED FOR CONTRACTOR USE.

21. BASIS OF BEARINGS STATEMENT PER COLORADO STATE STATUTE PROVIDED IN THE LOWER RIGHT OF THIS SHEET.

CONTACTS

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WATER AND SANITATION
CASTLE ROCK WATER
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CASTLE ROCK, CO 80104
720.733.6000

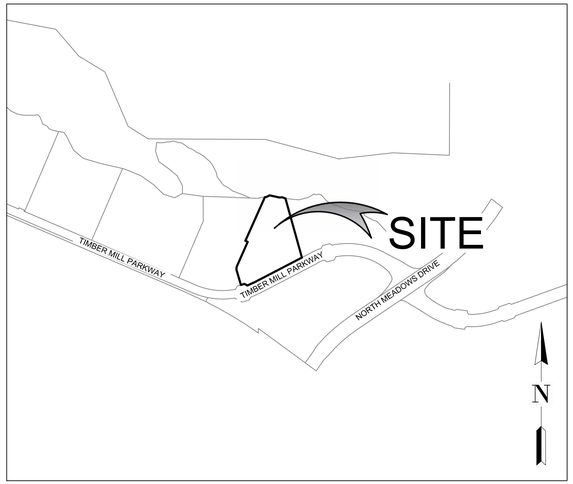
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PUBLIC WORKS DEPARTMENT
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CASTLE ROCK, CO 80109
720.733.2462



VICINITY MAP

0 500' 1000'

1 inch = 500'

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INDEMNIFICATION AND ADHERENCE TO STANDARDS STATEMENT

THESE PLANS HAVE BEEN REVIEWED BY THE TOWN OF CASTLE ROCK FOR CONCEPT ONLY. THE REVIEW DOES NOT IMPLY RESPONSIBILITY BY THE REVIEWING DEPARTMENT, THE TOWN ENGINEER, OR THE TOWN OF CASTLE ROCK FOR ACCURACY AND CORRECTNESS OF THE CALCULATIONS. FURTHERMORE, THE REVIEW DOES NOT IMPLY THAT QUANTITIES OF ITEMS ON THE PLANS ARE THE FINAL QUANTITIES REQUIRED. THE REVIEW SHALL NOT BE CONSTRUED FOR ANY REASON AS ACCEPTANCE OF FINANCIAL RESPONSIBILITY BY THE TOWN FOR ADDITIONAL QUANTITIES OF ITEMS SHOWN THAT MAY BE REQUIRED DURING THE CONSTRUCTION PHASE.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF CASTLE ROCK MUNICIPAL CODE, TECHNICAL MANUALS, AND/OR OTHER TOWN-APPROVED APPLICABLE STANDARDS.

TECHNICAL CRITERIA VARIANCE

TCV NO.	DESCRIPTION	CONDITIONS OF APPROVAL	APPROVAL DATE

FIELD CHANGE ORDER

FCO NO.	SUBMITTAL DATE	DESCRIPTION	APPROVAL DATE
FCO26-0061	09/21/2026	DOWNSIZE WATER SERVICE & METER SIZE TO ¾", MODIFIED WATER AND SANITARY SERVICE BUILDING CONNECTONS.	10/07/2026

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE GRID BEARINGS DERIVED FROM GPS OBSERVATION BASED UPON THE COLORADO COORDINATE SYSTEM OF 1983 CENTRAL ZONE (NAD 83, 2011) REFERENCED TO THE WESTERLY BOUNDARY OF LOT 3D, THE MEADOWS FILING NO. 19-PARCEL 2N, AMENDMENT NO. 1, BEING MONUMENTED AS SHOWN HEREON, TAKEN TO BEAR NORTH 16°30'18" WEST, A DISTANCE OF 110.25 FEET.

PROJECT BENCHMARK

DOUGLAS COUNTY GIS MONUMENT NUMBER 2.015030 BEING A 3-1/4" ALUMINUM CAP STAMPED "DCGIS 2.015030" LOCATED 425 FEET MORE OR LESS EAST OF THE RAILROAD TRACKS AND 3200 FEET MORE OR LESS NORTH OF MEADOWS PARKWAY.

ELEVATION = 6082.185' (NAVD 88)

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

COLORADO LICENSED PROFESSIONAL ENGINEER — MARTIN RAY METSKER — 41745 — 09/21/2026

MARTIN METSKER DATE
STATE OF COLORADO PE #41745

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY: TOWN OF CASTLE ROCK COLORADO — DEVELOPMENT SERVICES APPROVED
By jkirkpatrick
on 10/07/2026
APPROVED-FCO26-0061 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	FCO26-0061	09/21/2026	MM

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
COVER

Know what's **below.** **Call** before you dig. 811

SHEET 1 OF 30

9/17/2026 8:40 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL FCO #1 COVER SHEET - DXD.DWG 01

PUBLIC IMPROVEMENTS CONSTRUCTION PLANS
DXD CASTLE ROCK STORAGE

LOT 3D1, THE MEADOWS FILING NO. 19 - PARCEL 2N, AMENDMENT NO. 4
A PORTION OF SECTION 28, TOWNSHIP 7 SOUTH, RANGE 67 WEST
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO
TOWN OF CASTLE ROCK PROJECT NO. CD26-0014

GENERAL NOTES

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16. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF THE WATER LINES AND DRY UTILITIES.

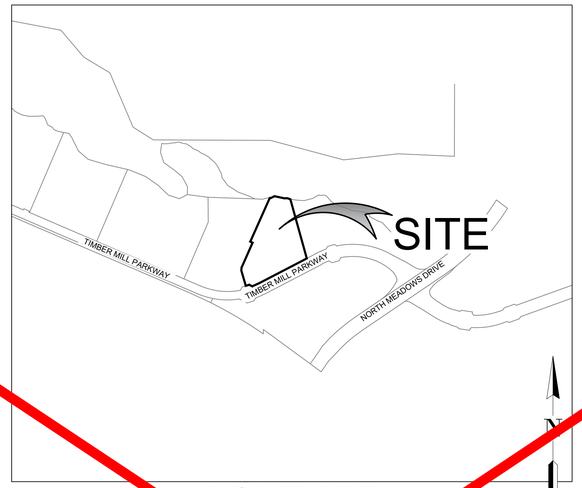
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18. NO SOLID OBJECT (EXCLUDING FIRE HYDRANTS AND TRAFFIC CONTROL DEVICES AND TRAFFIC SIGNS) EXCEEDING THIRTY (30) INCHES IN HEIGHT ABOVE THE FLOWLINE ELEVATION OF THE ADJACENT STREET, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITY CABINETS, WALLS, FENCES, LANDSCAPE PLANTINGS, CROPS, CUT SLOPES, AND BERMS, SHALL BE PLACED WITHIN SIGHT DISTANCE LINES AND SIGHT DISTANCE EASEMENTS.

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21. BASIS OF BEARINGS STATEMENT PER COLORADO STATE STATUTE PROVIDED IN THE LOWER RIGHT OF THIS SHEET.



VICINITY MAP

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1 inch = 500'

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INDEMNIFICATION AND ADHERENCE TO STANDARDS STATEMENT

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ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF CASTLE ROCK MUNICIPAL CODE, TECHNICAL MANUALS, AND/OR OTHER TOWN-APPROVED APPLICABLE STANDARDS.

TECHNICAL CRITERIA VARIANCE

TCV NO.	DESCRIPTION	CONDITIONS OF APPROVAL	APPROVAL DATE

FIELD CHANGE ORDER

FCO NO.	SUBMITTAL DATE	DESCRIPTION	APPROVAL DATE

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE GRID BEARINGS DERIVED FROM GPS OBSERVATION BASED UPON THE COLORADO COORDINATE SYSTEM OF 1983 CENTRAL ZONE (NAD 83, 2011) REFERENCED TO THE WESTERLY BOUNDARY OF LOT 3D, THE MEADOWS FILING NO. 19-PARCEL 2N, AMENDMENT NO. 1, BEING MONUMENTED AS SHOWN HEREON, TAKEN TO BEAR NORTH 16°30'18" WEST, A DISTANCE OF 110.25 FEET.

PROJECT BENCHMARK

DOUGLAS COUNTY GIS MONUMENT NUMBER 2.015030 BEING A 3-1/4" ALUMINUM CAP STAMPED "DCGIS 2.015030" LOCATED 425 FEET MORE OR LESS EAST OF THE RAILROAD TRACKS AND 3200 FEET MORE OR LESS NORTH OF MEADOWS PARKWAY.

ELEVATION = 6082.185' (NAVD 88)

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

COLORADO LICENSED MARTIN METSKER 41144 PROFESSIONAL ENGINEER 07/29/2026

MARTIN METSKER — DATE
STATE OF COLORADO PE #

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

Town of Castle Rock COLORADO — DEVELOPMENT SERVICES APPROVED
By jkirkpatrick on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES — DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
COVER

Know what's below. Call before you dig. 811

SHEET
1 OF 30

7/29/2026 8:59 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00- OVERALL\CDS COVER SHEET - DXD.DWG 01

STREET CONSTRUCTION NOTES

1. ALL STREET CONSTRUCTION IS SUBJECT TO THE GENERAL NOTES ON THE COVER SHEET OF THESE PLANS AS WELL AS THE STREET CONSTRUCTION NOTES LISTED HERE.
2. A PAVING SECTION DESIGN, SIGNED AND SEALED BY A COLORADO REGISTERED PROFESSIONAL ENGINEER, MUST BE SUBMITTED TO THE TCR PUBLIC WORKS DEPARTMENT FOR APPROVAL PRIOR TO ANY STREET CONSTRUCTION ACTIVITY (FULL-DEPTH ASPHALT SECTIONS ARE NOT PERMITTED AT A DEPTH GREATER THAN 8" ASPHALT). THE JOB MIX SHALL BE SUBMITTED FOR APPROVAL PRIOR TO PLACEMENT OF ANY ASPHALT.
3. WHERE PROPOSED PAVING ADJOINS EXISTING ASPHALT, THE EXISTING ASPHALT SHALL BE SAW CUT A MINIMUM DISTANCE OF 12" FROM THE EXISTING EDGE TO CREATE A CLEAN CONSTRUCTION JOINT. THE DEVELOPER SHALL BE REQUIRED TO REMOVE EXISTING PAVEMENT TO A DISTANCE WHERE A CLEAN CONSTRUCTION JOINT CAN BE MADE.
4. STREET SUBGRADES SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 12" AND RE-COMPACTED PRIOR TO SUB-BASE INSTALLATION. NO BASE MATERIAL SHALL BE LAID UNTIL THE SUBGRADE HAS BEEN INSPECTED AND APPROVED BY THE TCR CONSTRUCTION INSPECTOR.
5. VALVE BOXES ARE TO BE BROUGHT UP TO GRADE AT THE TIME OF PAVEMENT PLACEMENT OR OVERLAY. VALVE BOX ADJUSTING RINGS ARE NOT ALLOWED.

SIGNAGE AND STRIPING NOTES

1. ALL SIGNAGE AND STRIPING IS SUBJECT TO THE GENERAL NOTES ON THE COVER SHEET OF THESE PLANS AS WELL AS THE SIGNAGE AND STRIPING NOTES LISTED HERE.
2. ALL PAINT SHALL BE 15 MIL THICK UPON INSTALLATION AND 8 MIL THICK WHEN DRY.
3. ALL PERMANENT LONGITUDINAL PAVEMENT STRIPING ON ASPHALT SURFACES (CENTERLINES, LANE LINES, BAY LINES, ETC.) SHALL BE INSTALLED USING AN APPROVED REFLECTIVE TRAFFIC PAINT OR PAVEMENT MARKING TAPE. REFLECTIVE BEADS SHALL BE APPLIED IN ACCORDANCE WITH CDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE MANUFACTURER'S REQUIREMENTS. WHEN TAPE IS USED ON AN ASPHALT STREET, IT SHALL BE "ROLLED" INTO THE FINAL LIFT. ON CONCRETE SURFACES TAPE SHALL BE UTILIZED WITH A CONTRASTING BLACK EDGE AND GROOVED INTO THE PAVEMENT.
4. THERMO-PLASTIC APPLICATIONS SHALL BE AS SPECIFIED IN THE PLANS AND/OR PER TOWN CRITERIA.
5. ALL SURFACES THAT ACCEPT PAINT/THERMO-PLASTIC STRIPING OR PRE-FORMED MARKINGS SHALL BE FIRST SANDBLASTED AND THOROUGHLY CLEANED PRIOR TO INSTALLATION OF STRIPING OR MARKINGS.
6. ALL ARROW MARKINGS SHALL BE PRE-FORMED TAPE, THERMO-PLASTIC OR EPOXY-PAINTED.
7. STOP BARS SHALL BE 90 MIL THERMO-PLASTIC.
8. ALL ROADWAY SIGNAGE SHALL CONFORM TO THE MUTCD AND/OR THE TOWN'S CRITERIA.
9. ALL SIGNPOSTS SHALL UTILIZE BREAKAWAY ASSEMBLIES AND FASTENERS, PER THE TCR STANDARD DETAIL.

FIRE NOTES

1. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN DRIVE LANES FOR EMERGENCY VEHICLE INGRESS AND EGRESS, INCLUDING SNOW REMOVAL.
2. EMERGENCY VEHICLE ACCESS ROAD IS REQUIRED TO ALLOW ACCESS WITHIN 150' OF ALL EXTERIOR OF THE BUILDING BY AN APPROVED ROUTE.
3. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRES APPARATUS AND SHALL BE PROVIDED WITH A SURFACE SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES. ACCESS ROAD SHALL BE EITHER CONCRETE, ASPHALT, OR OTHER APPROVED ALTERNATIVE MATERIAL ACCOMPANIED WITH AN ENGINEER'S STAMP STATING THE MATERIAL WILL SUPPORT A 75,000 POUND IMPOSED LOAD.
4. FIRE HYDRANT(S) ARE REQUIRED TO BE INSTALLED AND MADE SERVICEABLE PRIOR TO COMBUSTIBLE MATERIALS BEING BROUGHT ONTO THE SITE AND DURING THE TIME OF VERTICAL CONSTRUCTION.
5. "NO PARKING FIRE LANE" SIGNS ARE REQUIRED IN AREAS THAT MEET THE FOLLOWING CRITERIA AND IN AREAS DESIGNATED BY THE FIRE PREVENTION BUREAU. SIGNS SHALL BE POSTED ON BOTH SIDES OF FIRE DEPARTMENT ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS AND DRIVEWAYS LESS THAN 26 FEET WIDE. SIGNS SHALL BE POSTED ON ONE SIDE ONLY OF FIRE DEPARTMENT ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS BETWEEN 26 FEET WIDE AND 32 FEET WIDE. NO SIGNAGE IS REQUIRED FOR ACCESS ROADWAY FIRE DEPARTMENT ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS EXCEEDING 32 FEET WIDE.
6. WHEN FIRE APPARATUS ACCESS ROADS OR A WATER SUPPLY FOR FIRE PROTECTION IS REQUIRED TO BE INSTALLED, SUCH PROTECTION SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO COMBUSTIBLE MATERIALS BEING BROUGHT ONTO THE SITE AND THE BUILDING CONSTRUCTION GOING VERTICAL.
7. TRACER WIRE SHALL BE INSTALLED ON ALL FIRE SERVICE LINES AND AT ALL FIRE HYDRANTS. REFER TO TOWN OF CASTLE ROCK STANDARD DETAILS, THE WATER LINE CONSTRUCTION NOTES, AND THE TRACER WIRE INSTALLATION NOTES LISTED HEREIN.

WATER LINE CONSTRUCTION NOTES

1. ALL WATER LINE CONSTRUCTION IS SUBJECT TO THE GENERAL NOTES ON THE COVER SHEET OF THESE PLANS AS WELL AS THE WATER LINE CONSTRUCTION NOTES LISTED HEREIN.
2. ALL WATER LINES SHALL BE: 1) DUCTILE IRON PIPE (DIP), CONFORMING TO THE REQUIREMENTS OF AWWA C150, CL350 (6"-12"), CL250 (16"AND 20"), CL200 (>24"), WITH PUSH-ON GASKETED JOINTS OR MECHANICAL JOINT ENDS, IN CONFORMANCE WITH AWWA C111. PIPE SHALL BE CEMENT-LINED IN ACCORDANCE WITH AWWA C104, AND AN EXTERIOR COATING IN ACCORDANCE WITH C151; OR 2) PVC PIPE, CONFORMING TO AWWA C900 FOR PIPE SIZES 8" AND 12", CL305 (DR14) AND AWWA C905 FOR PIPE SIZE OF 16", CL235 (DR18). MINIMUM DISTRIBUTION MAIN SIZE SHALL BE 8". WATER LINES THAT ARE 10", 14", AND 18" IN DIAMETER ARE NOT PERMITTED.
3. WATER LINE FITTINGS SHALL BE DIP CONFORMING TO AWWA C153 OR C110 AND SHALL HAVE A PRESSURE RATING NOT LESS THAN THE PIPE. ALL FITTINGS SHALL BE MECHANICAL JOINT, UNLESS APPROVED BY CASTLE ROCK WATER.
4. ALL DIP AND FITTINGS SHALL BE ENCASED IN POLYETHYLENE TO PREVENT CORROSION. POLYETHYLENE WRAP, TAPE AND INSTALLATION SHALL MEET THE REQUIREMENTS OF AWWA C105.
5. GATE VALVES SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH AWWA C509-1 AND AWWA C515-01, AS APPROPRIATE, AND SHALL BE DUCTILE IRON BODY AND BONNET, RESILIENT-SEATED WEDGE GATE, NON-RISING STEM TYPE, O-RING SEALS, AND SLIP-ON CONNECTIONS (TAPPING VALVES, WHERE ALLOWED, SHALL BE FLANGE X MJ). VALVE ENDS SHALL BE MECHANICAL JOINT, UNLESS OTHERWISE SPECIFIED IN THE PLANS. THE VALVES SHALL BE SUITABLE FOR A WORKING PRESSURE OF 200 PSI. THEY SHALL BE CLOSED BY TURNING CLOCKWISE AND SHALL HAVE TWO-INCH SQUARE CAST IRON OPERATING NUTS WITH AN ARROW CAST IN THE NUT INDICATING THE DIRECTION OF OPENING. VALVES SHALL BE POLYETHYLENE WRAPPED IN ACCORDANCE WITH AWWA C105. THEY SHALL BE OF SUCH DESIGN AS TO MAINTAIN THE FULL AREA OF THE PIPE THROUGH THE VALVE WHEN OPEN AND SHALL BE DESIGNED TO TAKE FULL PRESSURE ON EITHER FACE. VALVE SHALL HAVE TYPE 304 STAINLESS STEEL BONNET BOLTS AND NUTS AND TYPE 304 STAINLESS STEEL O-RING GLAND BOLTS AND NUTS. VALVES SHALL BE MANUFACTURED BY AMERICAN FLOW CONTROL, KENNEDY OR MUELLER AND SHALL HAVE THE MANUFACTURER'S NAME OR INITIALS AND THE PRESSURE RATING CAST ON THE BODY.
6. ALL FIRE HYDRANTS SHALL BE "PACER WB67-250" BY WATEROUS CO. OR "SUPER CENTURION 250" BY MUELLER CO., OPENING TO THE LEFT. REFER TO TCR STANDARD DETAIL W-11.
7. ALL WATER LINES SHALL BE BURIED AN ABSOLUTE MINIMUM OF 5 FEET FROM FINAL GRADE TO THE TOP OF THE WATER MAIN. THE MAXIMUM BURY DEPTH SHALL BE 6 FEET, UNLESS ADDITIONAL DEPTH IS REQUIRED FOR UTILITY CROSSINGS OR OTHER CONFLICTS. WHEREVER SUCH CROSSINGS OR CONFLICTS OCCUR, THE TCR STANDARD DETAIL W-17 SHALL BE USED.
8. ALL WATER LINES SHALL BE BEDDED IN ACCORDANCE WITH TCR STANDARD DETAIL W-21.
9. CONTRACTOR SHALL MAINTAIN A MINIMUM 18-INCH VERTICAL CLEARANCE AND 10-FOOT HORIZONTAL CLEARANCE EDGE-TO-EDGE BETWEEN ALL WATER LINES AND ANY OTHER PIPED UTILITIES.
10. ALL BENDS, TEES, FIRE HYDRANTS AND PLUGS AT DEAD-END MAINS SHALL BE RESTRAINED FROM THRUST BY USING MEGALUG RESTRAINTS PER TCR STANDARD DETAIL W-18 IN COMBINATION WITH CONCRETE THRUST BLOCKS PER TCR STANDARD DETAIL W-22.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL FIRE HYDRANTS AND VALVE BOXES TO FINISH GRADE IN ACCORDANCE WITH TCR STANDARD DETAILS W-10 AND W-11.
12. PRIOR TO CONNECTING TO THE TOWN'S EXISTING WATER SYSTEM, ALL NEW WATERLINES AND/OR SEGMENTS OF WATERLINES SHALL BE DISINFECTED, PRESSURE TESTED, AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH SECTION 450.5 OF THE TOWN OF CASTLE ROCK CONSTRUCTION METHODOLOGY AND MATERIALS MANUAL; AWWA C651-14 AND C600-5.2; AND DETAILS W-35A AND/OR W-35B. PLEASE NOTE THAT THIS DISINFECTION AND TESTING WILL BE PERFORMED WHILE THE NEW WATERLINES AND/OR SEGMENTS OF WATERLINES ARE NOT PHYSICALLY CONNECTED TO THE TOWN'S EXISTING WATER SYSTEM. TOWN AND CONTRACTOR SHALL FURNISH MATERIALS AS SHOWN ON DETAILS W-35A AND/OR W-35B. CONTRACTOR SHALL PERFORM ALL PROCEDURES FOR TESTING, FLUSHING AND DISINFECTING OF ALL WATER LINES. TESTING SHALL BE DONE IN THE PRESENCE OF THE TCR CONSTRUCTION INSPECTOR. CONTRACTOR SHALL PROVIDE A MINIMUM SEVENTY-TWO (72) HOUR NOTICE TO, AND OBTAIN APPROVAL FROM THE ON-SITE TCR CONSTRUCTION INSPECTOR, (720) 733-2200, PRIOR TO DISINFECTION, PRESSURE TESTING, AND BACTERIOLOGICAL TESTING OF ANY NEW WATERLINES AND/OR SEGMENTS OF WATERLINES.
13. DISTANCES FOR WATER LINES ARE HORIZONTAL DISTANCE FROM THE CENTER OF THE FITTING TO CENTER OF THE FITTING. THEREFORE, DISTANCES SHOWN ON THE PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND FITTING DIMENSIONS.
14. ALL DOMESTIC WATER SERVICE LINES SHALL BE TYPE K COPPER INSULATED WITH POLYWRAP, FROM THE MAIN TO THE METER. THE WATER METER SHALL BE SUPPLIED BY THE TOWN AND INSTALLED BY THE CONTRACTOR. THE WATER METER WILL BE AVAILABLE FOR PICK UP AT CASTLE ROCK WATER. THE INDIVIDUAL PICKING UP THE WATER METER MUST HAVE PROOF OF A PERMIT AND MUST HAVE PAID ALL FEES ASSOCIATED WITH THE WATER METER.
15. WATER LINE TRENCHES SHALL BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKERS AND THE PROTECTION OF OTHER UTILITIES, IN COMPLIANCE WITH ALL APPLICABLE STATE AND FEDERAL REQUIREMENTS. FOR ALL EXCAVATION OPERATIONS, SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
16. WATER LINES SHALL BE ALIGNED 6 FEET OFF THE NORTH AND EAST GUTTER FLOW LINES OF PUBLIC STREETS WHEREVER POSSIBLE. SEE DETAIL W-13.
17. WHERE WATER LINE IMPROVEMENTS ARE DIFFICULT TO LOCATE ON THE SURFACE, THE CONTRACTOR SHALL BE REQUIRED TO INSTALL PERMANENT WATER LINE MARKERS, IN ACCORDANCE WITH TCR STANDARD DETAIL W-23, OR AT THE DISCRETION OF THE TCR CONSTRUCTION INSPECTOR.
18. TRACER WIRE SHALL BE USED ON ALL DIP AND PVC WATER MAINS, AND WARNING TAPE SHALL BE PLACED 1 FOOT ABOVE ALL DIP AND PVC PIPE. REFER TO TOWN OF CASTLE ROCK STANDARD TRACER WIRE REQUIREMENTS, IN THESE GENERAL NOTES. TEST STATIONS SHALL BE CONSTRUCTED PER STANDARD DETAIL W-28.
19. THE MINIMUM DISTANCE BETWEEN TEES, CROSSES, VALVES, AND BENDS SHALL BE 10 FEET WHEREVER POSSIBLE.
20. MAXIMUM DEFLECTION FOR WATER MAINS SHALL NOT EXCEED ONE-HALF OF THE MANUFACTURER'S MAXIMUM ALLOWABLE DEFLECTION OR 2.5 DEGREES, WHICHEVER IS LESS.
21. ALL RESIDENTIAL WATER SERVICE LINES SHALL BE CONSTRUCTED PERPENDICULAR TO THE FRONT PROPERTY LINE IN CONFORMANCE WITH THE TOWN OF CASTLE ROCK WATER SYSTEM DESIGN CRITERIA MANUAL AND WATER DETAILS.
22. THE MAXIMUM DEFLECTION OF DOMESTIC WATER SERVICE LINES AND IRRIGATION LINES SHALL NOT EXCEED THE MANUFACTURER'S MAXIMUM ALLOWABLE DEFLECTION.
23. THE SIZE OF THE IRRIGATION TAP, LINE, METER AND BACKFLOW PREVENTION ASSEMBLY SHALL BE THE SAME TO A MINIMUM DISTANCE OF 10 PIPE DIAMETERS PAST THE WINTERIZATION TEE.
24. THE MINIMUM HORIZONTAL SEPARATION BETWEEN UTILITY LINES CARRYING THE SAME MATERIAL (E.G., WATER AND WATER) SHALL BE 5 FEET.
25. WHEN INSTALLING CUT IN TEES OR OTHER APPURTENANCES ONIN AN EXISTING WATER LINE, THE PIPE MATERIAL BETWEEN THE EXISTING WATER LINE AND THE CUT IN TEE OR OTHER APPURTENANCE SHALL REMAIN CONSISTENT.
26. CONTRACTOR IS RESPONSIBLE TO PROVIDE BACKFLOW PREVENTION DOWNSTREAM OF THE METER. ACCEPTABLE BACKFLOW PREVENTION ASSEMBLIES ARE AS FOLLOWS:

- COMMERCIAL POTABLE WATER SERVICE: REDUCED PRESSURE ASSEMBLY.
- RESIDENTIAL POTABLE WATER SERVICE: DOUBLE CHECK VALVE ASSEMBLY, REDUCED PRESSURE ASSEMBLY.
- COMMERCIAL FIRE SERVICE: REDUCED PRESSURE DETECTOR ASSEMBLY, DOUBLE CHECK VALVE DETECTOR ASSEMBLY.
- RESIDENTIAL FIRE SERVICE: REDUCED PRESSURE DETECTOR ASSEMBLY, DOUBLE CHECK VALVE DETECTOR ASSEMBLY.
- COMMERCIAL AND MULTIFAMILY IRRIGATION WATER SERVICE: REDUCED PRESSURE ASSEMBLY.

THE DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) IS THE ONLY BACK FLOW PREVENTION DEVICE RATED FOR HORIZONTAL OR VERTICAL INSTALLATION.

STORM DRAINAGE CONSTRUCTION NOTES

1. ALL STORM DRAINAGE CONSTRUCTION IS SUBJECT TO THE GENERAL NOTES ON THE COVER SHEET OF THESE PLANS AS WELL AS THE STORM DRAINAGE CONSTRUCTION NOTES LISTED HERE.
2. ALL STORM DRAINAGE PIPES SHALL BE REINFORCED CONCRETE PIPE (RCP) PER ASTM C76, CL III INSTALLED WITH FLEXIBLE PLASTIC (BITUMEN) GASKETS, ACCORDING TO THE MANUFACTURER'S INSTALLATION GUIDELINES. ANY STORM DRAINAGE PIPE UNDER A PROPOSED OR FUTURE TRAFFIC AREA SHALL BE RCP CL III AS A MINIMUM. RCP TO BE JACKED SHALL BE CL-V AS A MINIMUM.
3. ALL STORM DRAINAGE PIPES SHALL HAVE A MINIMUM COVER OF 24" UNLESS LOAD CALCULATIONS ARE PROVIDED. UNDER NO CIRCUMSTANCES WILL ANY PIPE HAVE LESS THAN 18" COVER FROM THE FINISH SURFACE TO THE OUTSIDE WALL OF THE PIPE.
4. ALL STORM DRAINAGE PIPES SHALL BE BEDDED IN ACCORDANCE WITH TCR STANDARD DETAIL SD-2.
5. ALL STORM DRAINAGE TRENCHES SHALL BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKERS AND THE PROTECTION OF OTHER UTILITIES AND IN COMPLIANCE WITH ALL APPLICABLE STATE AND FEDERAL REQUIREMENTS. ALL EXCAVATION OPERATION SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
6. ALL MANHOLE RIM ELEVATIONS GIVEN ON THESE PLANS ARE TO BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL SET THE FINAL RIM ELEVATION BASED ON THE COMPLETED FINISH SURFACE.
7. ALL STORM DRAINAGE PIPES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 10' FROM ALL WATER LINES. WHERE LINES CROSS, THERE SHALL BE A MINIMUM OF 18" CLEAR VERTICAL SEPARATION.
8. ALL INLETS AND MANHOLES SHALL BE PLACED ON A MINIMUM OF 1' OF ¾" WASH ROCK. IF ADDITIONAL SUBGRADE IS DISTURBED, EXCAVATION SHALL BE BACKFILLED WITH ¾" WASH ROCK OR OTHER APPROVED STRUCTURAL SOIL COMPACTED TO 95% OF ASTM D698 UNLESS OTHERWISE INSTRUCTED BY THE INSPECTOR.

SANITARY SEWER CONSTRUCTION NOTES

1. ALL SANITARY SEWER CONSTRUCTION IS SUBJECT TO THE GENERAL NOTES ON THE COVER SHEET OF THESE PLANS AS WELL AS THE SANITARY SEWER CONSTRUCTION NOTES LISTED HEREIN.
2. ALL SANITARY SEWER PIPELINES SHALL BE PVC, SDR-35, IN ACCORDANCE WITH ASTM D-3034, BELL AND SPIGOT WITH ELASTOMERIC SEAL.
3. ALL SANITARY SEWER PIPELINES SHALL HAVE A MINIMUM COVER OF 5 FEET AND MAXIMUM COVER OF 20 FEET.
4. ALL SANITARY SEWER PIPELINES SHALL BE BEDDED IN ACCORDANCE WITH TCR STANDARD DETAIL SS-8.
5. ALL MANHOLE RIM ELEVATIONS GIVEN ON THESE PLANS ARE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL SET THE FINAL RIM ELEVATION BASED ON THE COMPLETE FINISH SURFACE AND PER TCR STANDARD DETAIL SS-3.
6. SANITARY SEWER PIPELINE SHALL BE ALIGNED 6 FEET OFF THE SOUTH AND WEST GUTTER FLOW LINES OF PUBLIC STREETS WHEREVER POSSIBLE.
7. ALL SEWER LINES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 10 FEET EDGE-TO-EDGE FROM ALL WATER LINES. WHERE LINES CROSS, THERE SHALL BE A MINIMUM OF 18" CLEAR VERTICAL SEPARATION.
8. ALL SANITARY SEWER LINES MUST BE TESTED IN ACCORDANCE WITH SECTION 450.6 OF THE TOWN OF CASTLE ROCK CONSTRUCTION METHODOLOGY AND MATERIALS MANUAL IN THE PRESENCE OF A TCR CONSTRUCTION INSPECTOR.
9. ALL SANITARY SEWER LINE TRENCHES SHALL BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKERS AND THE PROTECTION OF OTHER UTILITIES, IN COMPLIANCE WITH ALL APPLICABLE STATE AND FEDERAL REQUIREMENTS. ALL EXCAVATION OPERATION SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
10. SANITARY SEWER SERVICES SHALL BE CONNECTED A MINIMUM OF 5 FEET OUTSIDE OF MANHOLES WITH A WYE CONNECTION IN ACCORDANCE WITH TCR STANDARD DETAIL SS-2.
11. MINIMUM COVER FOR SANITARY SEWER SERVICE LINES SHALL BE 5 FEET AND THE MINIMUM SLOPE SHALL BE 2.0%.
12. ALL SANITARY SEWER SERVICE LINES SHALL BE CONSTRUCTED ALONG THE SHORTEST AND STRAIGHTEST ROUTE POSSIBLE IN CONFORMANCE WITH THE TOWN OF CASTLE ROCK WASTEWATER SYSTEM DESIGN CRITERIA MANUAL.
13. THE MINIMUM HORIZONTAL SEPARATION BETWEEN UTILITY LINES CARRYING THE SAME MATERIAL (E.G., WASTEWATER AND WASTEWATER) SHALL BE 5 FEET.
14. THE PLUM CREEK WASTEWATER AUTHORITY MUST APPROVE OIL AND GREASE INTERCEPTORS FOR COMMERCIAL INSTALLATIONS.
15. ALL MANHOLES SHALL BE PLACED ON A MINIMUM OF 1' OF ¾" WASH ROCK. IF ADDITIONAL SUBGRADE IS DISTURBED, EXCAVATION SHALL BE BACKFILLED WITH ¾" WASH ROCK OR OTHER APPROVED STRUCTURAL SOIL COMPACTED TO 95% OF ASTM D698 UNLESS OTHERWISE INSTRUCTED BY THE INSPECTOR.

LANDSCAPE NOTES

1. NON-IRRIGATED NATIVE SEED AREAS SHALL BE INSTALLED USING THE TOWN OF CASTLE ROCK GRADING EROSION AND SEDIMENT CONTROL MANUAL (GESC) STANDARD DETAIL #17.
2. NO TURF AND/OR OVERHEAD IRRIGATION ON SLOPES 3:1.
3. NO SLOPES GREATER THAN 3:1 ARE PERMITTED.
4. TOP SOIL, IF DISTURBED SHALL BE STOCK PILED AND REUSED ON THE SITE.
5. NO MORE THAN SIXTY PERCENT OF THE TOTAL COMMERCIAL LANDSCAPE AREA SHALL INCLUDE IRRIGATED TURF GRASS.
6. NO INDIVIDUAL PLANT MAY HAVE SUPPLEMENTAL WATER DEMAND GREATER THAN 15" PER GROWING SEASON.

IRRIGATION NOTES

1. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A BACKFLOW PREVENTION ASSEMBLY APPROVED BY THE TOWN OF CASTLE ROCK.
2. IRRIGATION TAP, LINE, METER AND BACKFLOW PREVENTION ASSEMBLY MUST BE THE SAME SIZE FROM THE TAP TO A MINIMUM DISTANCE OF 10 PIPE DIAMETERS PAST THE BACKFLOW PREVENTION ASSEMBLY AND WINTERIZATION TEE.
3. WATER WASTE IS NOT ALLOWED PER THE TOWN OF CASTLE ROCK'S WATER USE MANAGEMENT PLAN. THEREFORE, ALL NOZZLES ARE TO BE FINE TUNE/ADJUSTED SO THAT OVERSPRAY ONTO HARD SURFACES IS ELIMINATED.
4. IRRIGATION IS NOT PERMITTED ON 3:1 SLOPES.
5. VELOCITY SHALL NOT EXCEED 7.5 FPS THROUGH THE WATER METER.
6. NO OVERHEAD IRRIGATION IN AREAS LESS THAN 10 FEET WIDE.
7. THERE IS TO BE NEITHER PLANT MATERIAL NOR IRRIGATION IN AREAS LESS THAN 4 FEET WIDE.

TRACER WIRE INSTALLATION NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT TOWN OF CASTLE ROCK STANDARD NOTES, DETAILS AND SPECIFICATIONS.
2. TRACER WIRE IS REQUIRED ON ALL UNDERGROUND PIPE. A MAINLINE TRACER WIRE MUST BE INSTALLED WITH ALL SERVICE LATERAL TRACER WIRES PROPERLY CONNECTED TO ENSURE FULL LOCATING CAPABILITIES FROM A SINGLE CONNECTION POINT.
3. TRACER WIRE COLORS FOR STORM SEWER, DRAIN LINES, SANITARY SEWER, AND WATER MAINS SHALL BE IN ACCORDANCE WITH AMERICAN PUBLIC WORKS ASSOCIATION (APWA) UNIFORM COLOR CODE. ALL GROUNDING WIRE SHALL BE RED OR BLACK.
4. "OPEN TRENCH" TRACER WIRE SHALL BE #8 OR #10 AWG COPPER SOLID OR 12" AWG COPPER CLAD HIGH STRENGTH WITH MINIMUM 30-MIL HDPE INSULATION THICKNESS COMPLYING WITH ASTM D-1248, AND A MINIMUM AVERAGE TENSILE BREAK LOAD OF 450 LBS.
5. TRACER WIRE SHALL BE SECURED EVERY 5 FEET TO THE TOP OF THE PIPE AND TO THE SIDES OF MANHOLES AND INLETS USING TAPE, PLASTIC TIES, OR APPROVED ADHESIVE AT 5-FOOT INTERVALS.
6. TRACER WIRE SHALL BE SECURELY BONDED TOGETHER AT ALL WIRE JOINTS WITH LOCKABLE, CORROSION PROOF, WATERTIGHT CONNECTORS SPECIFICALLY DESIGNED FOR DIRECT BURIAL, AND FILLED WITH NON-HARDENING DIELECTRIC SILICONE SEALANT.
7. ANY DAMAGE OCCURRING DURING INSTALLATION OF THE TRACER WIRE MUST BE IMMEDIATELY REPAIRED BY REMOVING THE DAMAGED WIRE AND INSTALLING A NEW SECTION OF WIRE WITH APPROVED CONNECTORS. TAPING AND/OR SPRAY COATING IS NOT ALLOWED.
8. A MINIMUM OF 2 FEET OF EXCESS/SLACK WIRE IS REQUIRED IN ALL TRACER WIRE TEST STATIONS, MANHOLES, AND INLETS AFTER MEETING FINAL ELEVATION.
9. TRACER WIRE MUST BE PROPERLY GROUNDED AT ALL DEAD ENDS (MANHOLES, INLETS, OUTFALLS, FUTURE CONNECTIONS, ETC.) USING A MAGNESIUM GROUND ROD. THE GROUND ROD WILL BE CONNECTED TO 12- OR 14-AWG COPPER-CLAD STEEL WIRE WITH 30 MIL HDPE INSULATION AND RATED FOR DIRECT BURY USE AT 30 VOLTS WITH 21% CONDUCTIVITY.
10. TEST STATIONS SHALL PROVIDE PROTECTED ACCESS FOR A DIRECT CONNECTION TO THE TRACER WIRE SYSTEM AT GROUND SURFACE.
11. TRUNK LINE TRACER WIRE SHALL BE CONTINUOUS, AND PASS AROUND THE OUTSIDE OF VALVES AND OTHER STRUCTURES ON THE NORTH OR EAST SIDE.
12. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS (EXCAVATION, CONCRETE, TRAFFIC CONTROL, ETC.) AND PROVIDE A MINIMUM TWENTY-FOUR (24) HOURS' NOTICE TO THE ON-SITE TCR CONSTRUCTION INSPECTOR, (720) 733-2200, TO REQUEST A TRACER WIRE INSPECTION.
13. ALL NEW TRACER WIRE INSTALLATIONS SHALL BE TESTED AND LOCATED PRIOR TO ACCEPTANCE. TESTING AND LOCATING SHALL BE PERFORMED BY THE TCR CONSTRUCTION INSPECTOR AT THE COMPLETION OF ROUGH GRADING AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. ANY DEFICIENCIES SHALL BE CORRECTED PRIOR TO FINAL ACCEPTANCE.

LEGEND

6350	PROPOSED MAJOR CONTOUR
6349	PROPOSED MINOR CONTOUR
6350	EXISTING MAJOR CONTOUR
6349	EXISTING MINOR CONTOUR
FG	FINISHED GRADE
	PROJECT BOUNDARY
	RIGHT OF WAY (ROW)
	LOT / TRACT / PARCEL BOUNDARY
1	BLOCK NUMBER
LOT 1	LOT NUMBER
	STREET SIGNS
	ROAD WARPING
	CONCRETE
	MAINTENANCE ACCESS / GRAVEL ROAD
	RIPRAP
	SOIL RIPRAP
	SAWCUT
	STORM (FES, MH, & INLET)
	SANITARY
	WATER (HYDRANT, VALVE, BEND, ARV)
	RAW WATER (VALVE, BEND, ARV)
	EX STORM (FES, MH, & INLET)
	EX SANITARY
	EX WATER (HYDRANT, VALVE, BEND, MH)
OHUT	EXISTING OVERHEAD ELECTRIC
UE	EXISTING UNDERGROUND ELECTRIC
D	EXISTING STORM
	EXISTING SWALE
	EXISTING SANITARY CLEAN OUT
	EXISTING TREE
	EXISTING SIGN
W	EXISTING WATER
G	EXISTING GAS
FO	EXISTING FIBER OPTIC
UE	EXISTING ELECTRIC
T	EXISTING TELEPHONE
X	EXISTING FENCE
WET	EXISTING WETLAND
	EX BOLLARD
EB	EX ELECTRIC BREAKER BOX
	EX FIBER OPTIC VAULT
G	EX GAS METER
MP	EX METAL POST
W	EX OIL & GAS WELL
	EX TELEPHONE PEDESTAL
	EXISTING POWER POLE & GUY WIRE
W	EX WATER MH, METER, & VENT PIPE
	EX WATER VALVE & HYDRANT

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

COLORADO LICENSED MARTIN RAY METSKER 41 07/29/2026 PROFESSIONAL ENGINEER

MARTIN METSKER DATE
STATE OF COLORADO #

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

Town of Castle Rock Colorado — DEVELOPMENT SERVICES APPROVED
By jkirkpatrick on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

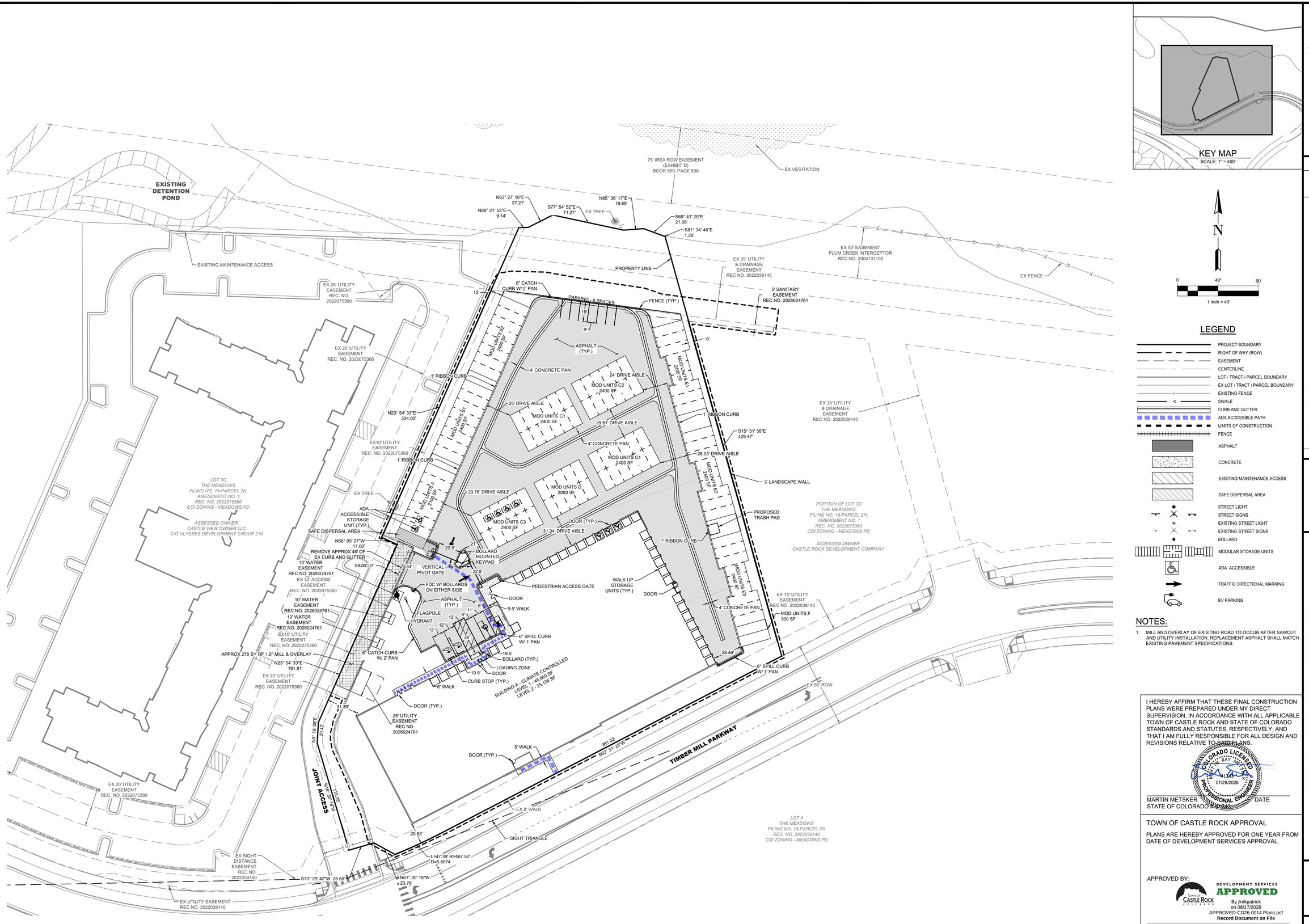
#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
GENERAL NOTES

Know what's **below.** **Call** before you dig. 811

SHEET 2 OF 30

7/29/2026 9:59 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00- OVERALL\CDS COVER SHEET - DXD.DWG 02



N

0 40' 80'

1 inch = 40'

LEGEND

- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EASEMENT
- CENTERLINE
- LOT / TRACT / PARCEL BOUNDARY
- EX LOT / TRACT / PARCEL BOUNDARY
- EXISTING FENCE
- SWALE
- CURB AND GUTTER
- ADA ACCESSIBLE PATH
- LIMITS OF CONSTRUCTION
- FENCE
- ASPHALT
- CONCRETE
- EXISTING MAINTENANCE ACCESS
- SAFE DISPERSAL AREA
- STREET LIGHT
- STREET SIGNS
- EXISTING STREET LIGHT
- EXISTING STREET SIGNS
- BOLLARD
- MODULAR STORAGE UNITS
- ADA ACCESSIBLE
- TRAFFIC DIRECTIONAL MARKING
- EV PARKING

NOTES:

1. MILL AND OVERLAY OF EXISTING ROAD TO OCCUR AFTER SAWCUT AND UTILITY INSTALLATION. REPLACEMENT ASPHALT SHALL MATCH EXISTING PAVEMENT SPECIFICATIONS.

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COLORADO LICENSED MARTIN METSKER 38177 REGISTERED PROFESSIONAL ENGINEER 07/29/2026

MARTIN METSKER, PE DATE
STATE OF COLORADO #38177

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO

DEVELOPMENT SERVICES
APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

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DXD CASTLE ROCK STORAGE

CASTLE ROCK, COLORADO

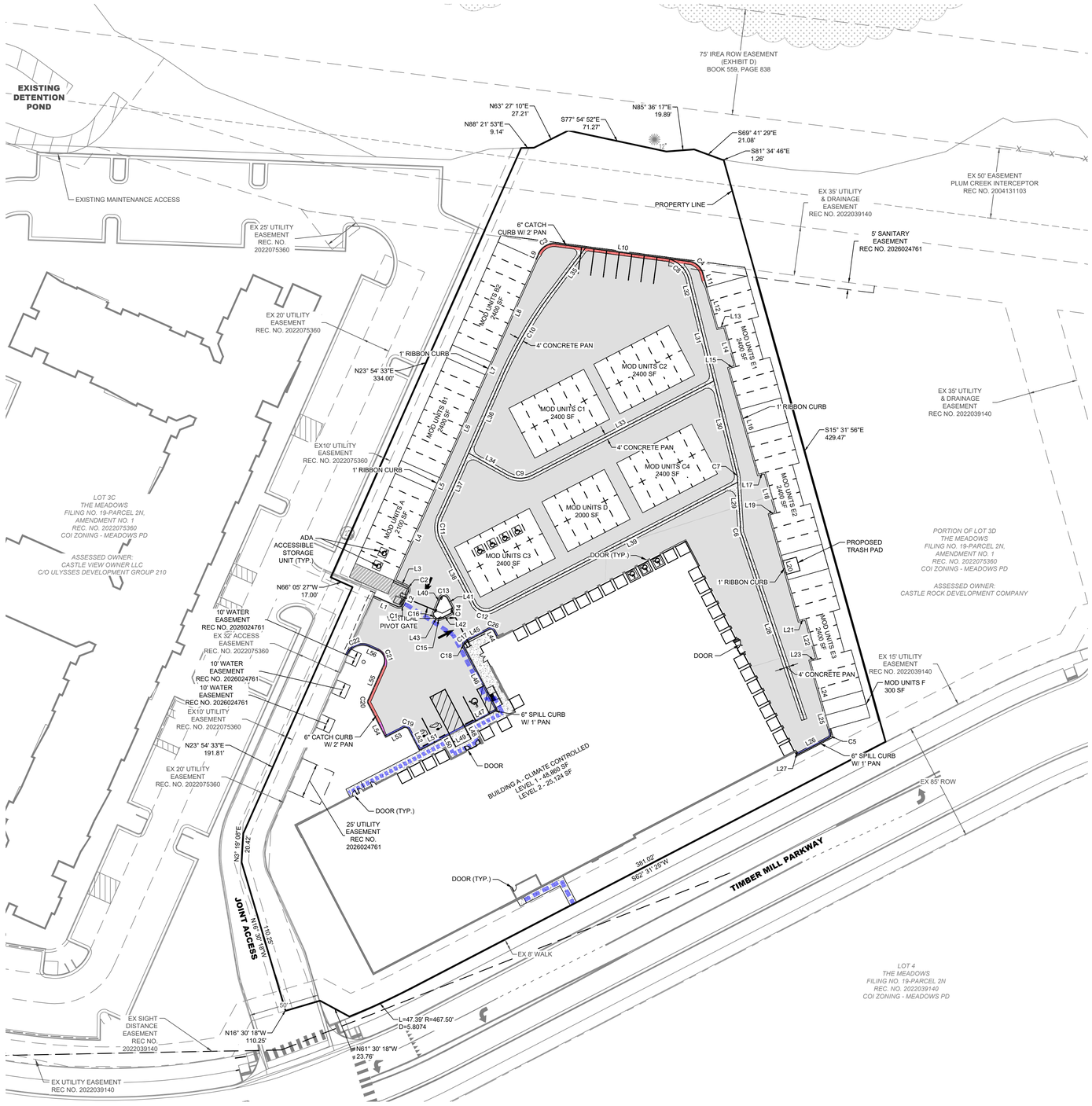
CONSTRUCTION DOCUMENTS

SITE PLAN

Know what's below. Call before you dig. 811

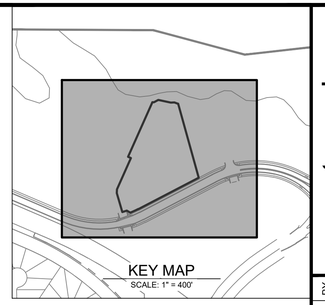
SHEET 3 OF 30

7/29/2026 8:49 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CDS OVERALL SITE PLAN - DXD.DWG 1



LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	18.44'	S66° 05' 41.11"E
L2	9.83'	N22° 55' 45.93"E
L3	9.62'	N66° 04' 58.47"W
L4	70.00'	S23° 54' 32.90"W
L5	10.00'	S23° 54' 32.90"W
L6	80.00'	S23° 54' 32.90"W
L7	10.00'	S23° 54' 32.90"W
L8	80.00'	S23° 54' 32.90"W
L9	4.11'	N23° 54' 32.90"E
L10	94.84'	S82° 28' 00.40"E
L11	10.03'	S15° 31' 56.73"E
L12	30.00'	S15° 31' 56.73"E
L13	5.00'	N74° 28' 03.27"E
L14	30.00'	S15° 31' 56.73"E
L15	5.00'	S74° 28' 03.27"W
L16	78.00'	S15° 31' 56.73"E
L17	5.00'	N74° 28' 03.27"E
L18	30.00'	S15° 31' 56.73"E
L19	5.00'	S74° 28' 03.27"W
L20	78.00'	S15° 31' 08.99"E
L21	5.00'	N74° 28' 03.27"E
L22	30.00'	S15° 31' 56.73"E
L23	5.00'	S74° 28' 03.27"W
L24	30.00'	S15° 31' 56.73"E
L25	23.21'	N15° 31' 56.73"W
L26	24.78'	N62° 31' 12.00"E
L27	2.00'	S27° 28' 46.45"E
L28	138.59'	N18° 39' 53.71"W
L29	35.37'	N03° 33' 35.91"W
L30	73.20'	N13° 52' 23.77"W
L31	53.75'	N13° 52' 23.77"W
L32	14.91'	N13° 52' 23.77"W
L33	145.78'	N62° 32' 00.96"E
L34	32.03'	S60° 45' 13.21"E
L35	39.77'	N37° 05' 23.60"E
L36	59.29'	N23° 47' 00.21"E
L37	49.16'	N24° 16' 13.19"E
L38	50.59'	N27° 41' 11.01"W
L39	196.32'	S62° 27' 10.77"W
L40	10.77'	N22° 56' 40.81"E
L41	7.78'	S27° 28' 35.16"E
L42	7.85'	S62° 31' 14.14"W
L43	1.02'	N53° 39' 07.57"W
L44	4.99'	S27° 30' 11.08"E
L45	17.98'	N62° 31' 14.14"E
L46	50.50'	N27° 28' 48.00"W
L47	26.00'	N62° 31' 12.00"E
L48	9.83'	N27° 28' 35.16"W
L49	12.00'	N62° 31' 24.84"E
L50	9.83'	S27° 28' 35.16"E
L51	24.00'	N62° 31' 12.00"E
L52	16.50'	S27° 28' 48.00"E
L53	14.00'	N62° 31' 12.00"E
L54	26.54'	S27° 28' 48.00"E
L55	27.12'	S23° 54' 20.05"W
L56	6.90'	S66° 05' 39.95"E

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	4.94'	2.90'	97°31'39"
C2	4.64'	3.00'	88°36'15"
C3	15.42'	12.00'	73°37'27"
C4	14.02'	12.00'	66°56'04"
C5	4.09'	3.00'	78°03'09"
C6	5.27'	20.00'	15°06'18"
C7	3.60'	20.00'	10°18'48"
C8	23.94'	20.00'	68°35'37"
C9	17.82'	17.99'	56°44'11"
C10	69.77'	300.00'	13°19'30"
C11	18.24'	20.00'	52°15'00"
C12	15.67'	9.99'	89°53'00"
C13	6.78'	3.00'	129°34'44"
C14	4.71'	3.00'	89°59'49"
C15	3.34'	3.00'	63°49'38"
C16	4.01'	3.00'	76°35'48"
C17	1.04'	3.00'	19°49'04"
C18	3.69'	3.00'	70°31'12"
C19	4.71'	3.00'	90°00'00"
C20	2.69'	3.00'	51°23'08"
C21	12.57'	8.00'	90°00'00"
C22	18.86'	12.00'	90°01'37"
C26	4.71'	3.00'	89°58'35"



N

0 40' 80'

1 inch = 40'

LEGEND

- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EASEMENT
- CENTERLINE
- LOT / TRACT / PARCEL BOUNDARY
- EX LOT / TRACT / PARCEL BOUNDARY
- EXISTING FENCE
- SWALE
- CURB AND GUTTER
- ADA ACCESSIBLE PATH
- LIMITS OF CONSTRUCTION
- FENCE
- ASPHALT
- CONCRETE
- EXISTING MAINTENANCE ACCESS
- STREET LIGHT
- STREET SIGNS
- EXISTING STREET LIGHT
- EXISTING STREET SIGNS
- BOLLARD
- MODULAR STORAGE UNITS
- ADA ACCESSIBLE
- TRAFFIC DIRECTIONAL MARKING
- 6" SPILL CURB W/ 1' PAN
- 6" CATCH CURB W/ 2' PAN
- 6" TRANSITION CURB

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COLORADO LICENSED MARTIN METSKER 41710 PROFESSIONAL ENGINEER

07/29/2026

MARTIN METSKER DATE
STATE OF COLORADO #41710

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO

DEVELOPMENT SERVICES
APPROVED
By jkirkpatrick on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
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DEVELOPMENT SERVICES DATE

CD26-0014

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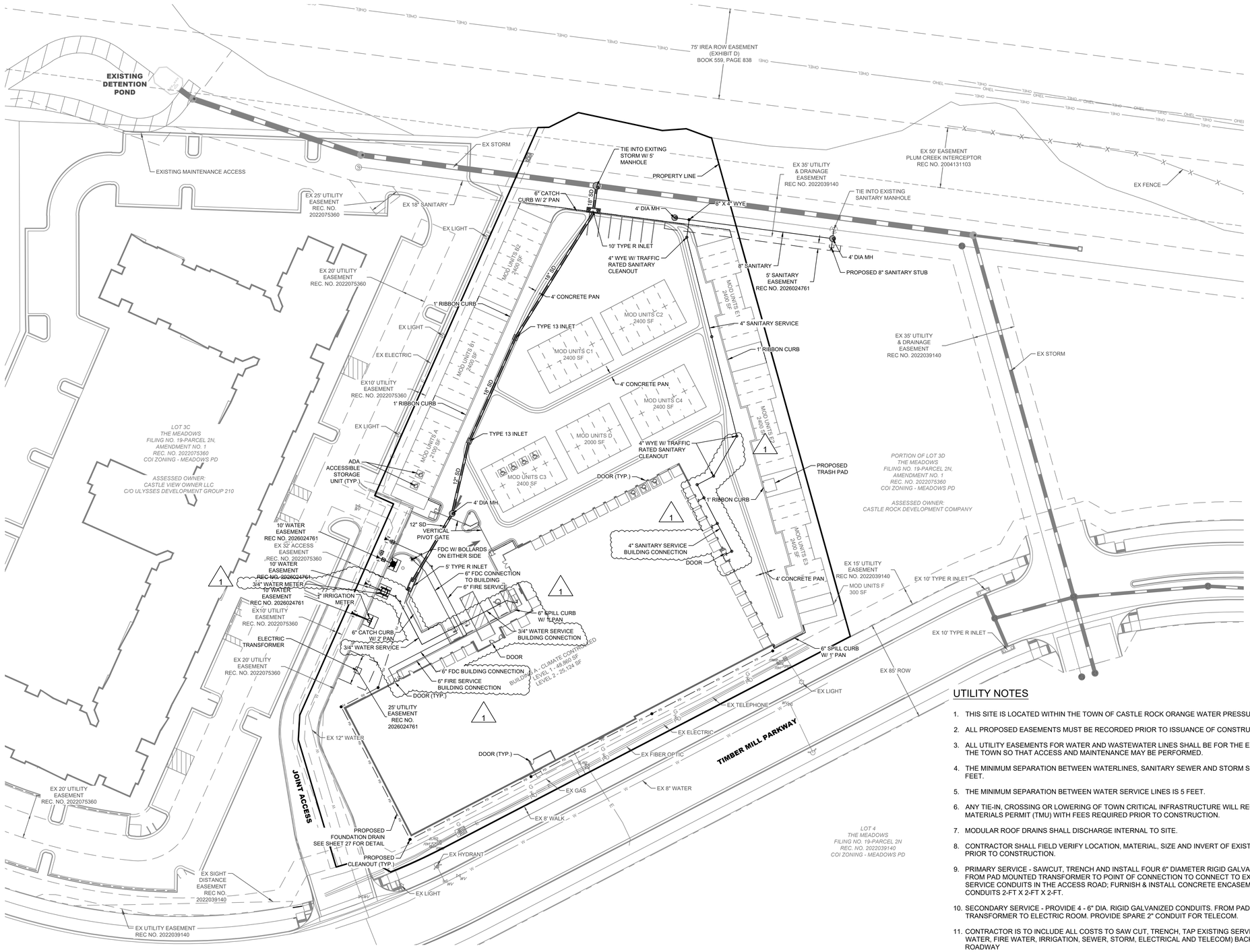
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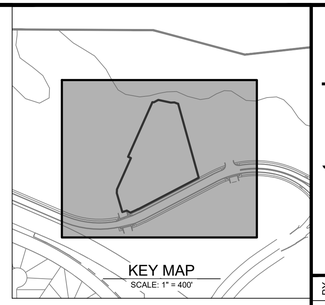
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
HORIZONTAL CONTROL PLAN

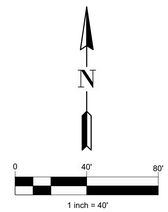
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SHEET 4 OF 30

7/29/2026 9:49 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\09 - CIVIL\ALL\CDS HORIZONTAL CONTROL PLAN - DXD.DWG 1







LEGEND

- STORM (FES, MH, & INLET)
- SANITARY
- WATER (HYDRANT, VALVE, BEND, ARV)
- FD — FOUNDATION DRAIN
- E — EXISTING ELECTRIC
- X — EXISTING FENCE
- FO — EXISTING FIBER OPTIC
- G — EXISTING GAS
- T — EXISTING TELEPHONE
- W — EXISTING WATER
- EXISTING SWALE
- OHEL — EXISTING OVERHEAD ELECTRIC
- EXISTING SANITARY CLEAN OUT
- EX WATER VALVE & HYDRANT
- EXISTING STREET LIGHT
- EXISTING STREET SIGNS
- MODULAR STORAGE UNITS
- LIMITS OF CONSTRUCTION

UTILITY NOTES

1. THIS SITE IS LOCATED WITHIN THE TOWN OF CASTLE ROCK ORANGE WATER PRESSURE ZONE.
2. ALL PROPOSED EASEMENTS MUST BE RECORDED PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS.
3. ALL UTILITY EASEMENTS FOR WATER AND WASTEWATER LINES SHALL BE FOR THE EXCLUSIVE USE OF THE TOWN SO THAT ACCESS AND MAINTENANCE MAY BE PERFORMED.
4. THE MINIMUM SEPARATION BETWEEN WATERLINES, SANITARY SEWER AND STORM SEWER LINES IS 10 FEET.
5. THE MINIMUM SEPARATION BETWEEN WATER SERVICE LINES IS 5 FEET.
6. ANY TIE-IN, CROSSING OR LOWERING OF TOWN CRITICAL INFRASTRUCTURE WILL REQUIRE A TIME AND MATERIALS PERMIT (TMU) WITH FEES REQUIRED PRIOR TO CONSTRUCTION.
7. MODULAR ROOF DRAINS SHALL DISCHARGE INTERNAL TO SITE.
8. CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, SIZE AND INVERT OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
9. PRIMARY SERVICE - SAWCUT, TRENCH AND INSTALL FOUR 6" DIAMETER RIGID GALVANIZED CONDUITS FROM PAD MOUNTED TRANSFORMER TO POINT OF CONNECTION TO CONNECT TO EXISTING ELECTRICAL SERVICE CONDUITS IN THE ACCESS ROAD; FURNISH & INSTALL CONCRETE ENCASEMENT OF PRIMARY CONDUITS 2-FT X 2-FT X 2-FT.
10. SECONDARY SERVICE - PROVIDE 4 - 6" DIA. RIGID GALVANIZED CONDUITS. FROM PAD MOUNTED TRANSFORMER TO ELECTRIC ROOM. PROVIDE SPARE 2" CONDUIT FOR TELECOM.
11. CONTRACTOR IS TO INCLUDE ALL COSTS TO SAW CUT, TRENCH, TAP EXISTING SERVICES (DOMESTIC WATER, FIRE WATER, IRRIGATION, SEWER, STORM, ELECTRICAL AND TELECOM) BACKFILL AND RESTORE ROADWAY

CD26-0014

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COLORADO LICENSED MARTIN METSKER 37871 REGISTERED PROFESSIONAL ENGINEER 09/21/2026

MARTIN METSKER, PE — DATE
STATE OF COLORADO LICENSE

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO — DEVELOPMENT SERVICES APPROVED

By jkirkpatrick on 10/07/2026
APPROVED-FCO26-0061 Plans.pdf
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DEVELOPMENT SERVICES — DATE

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

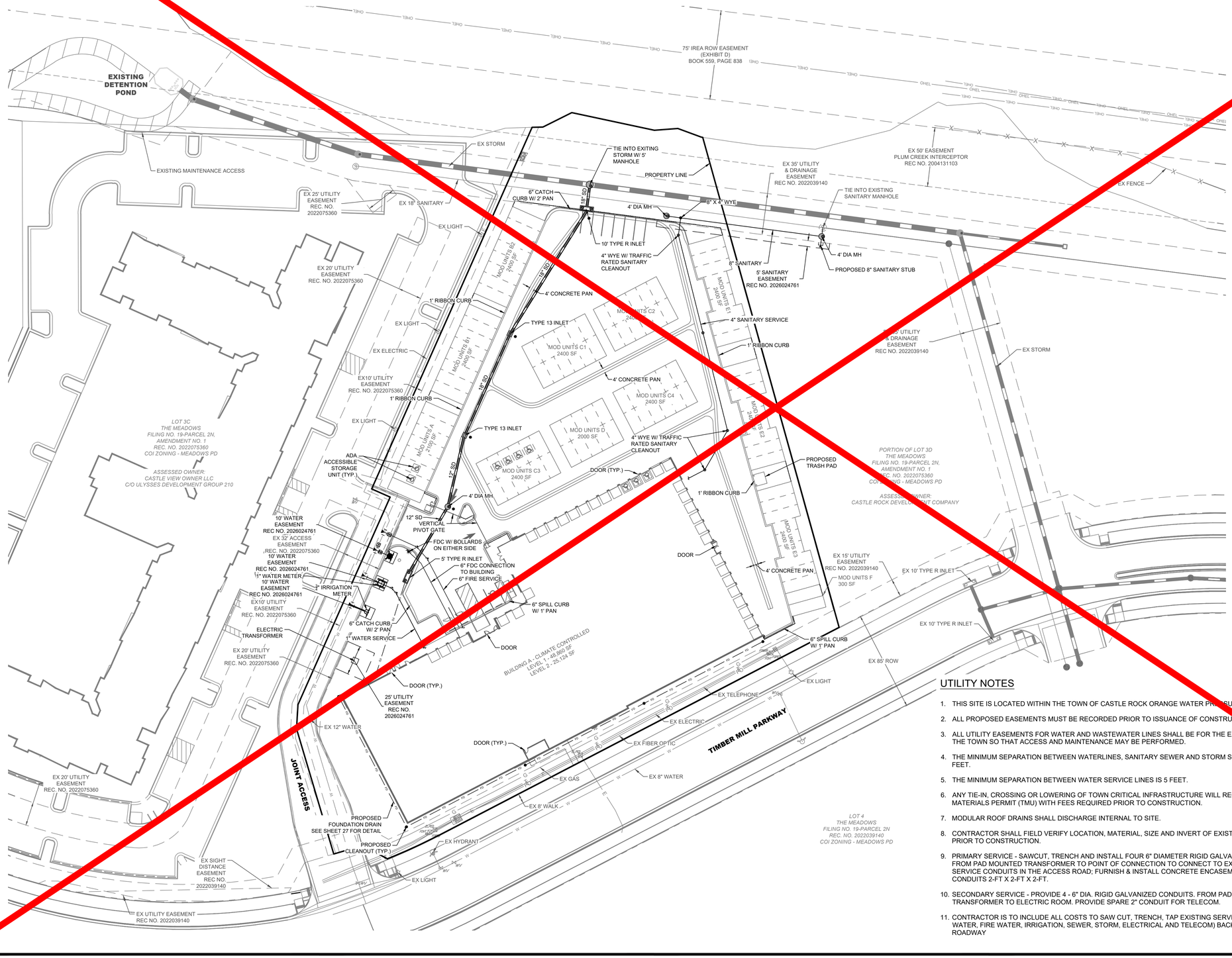
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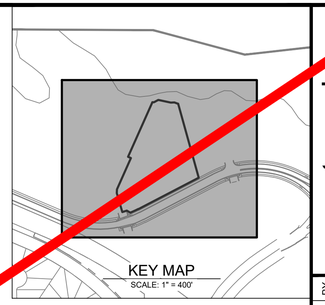
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
UTILITY PLAN

Know what's below. Call before you dig. 811

SHEET 5 OF 30

9/17/2026 8:39 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\FCO #1 - OVERALL UTILITY PLAN - DXD.DWG 1





N

0 40' 80'

1 inch = 40'

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- SANITARY
- WATER (HYDRANT, VALVE, BEND, ARV)
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- EXISTING SANITARY CLEAN OUT
- EX WATER VALVE & HYDRANT
- EXISTING STREET LIGHT
- EXISTING STREET SIGNS
- MODULAR STORAGE UNITS
- LIMITS OF CONSTRUCTION

UTILITY NOTES

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COLORADO LICENSED — MATTHEW RAY METSKER — 61174 — PROFESSIONAL ENGINEER — 07/29/2026

MATTHEW METSKER, PE — DATE

STATE OF COLORADO LICENSE

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO — DEVELOPMENT SERVICES APPROVED

By jkirkpatrick on 08/17/2026

APPROVED-CD26-0014 Plans.pdf

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DEVELOPMENT SERVICES — DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

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DXD CASTLE ROCK STORAGE

CASTLE ROCK, COLORADO

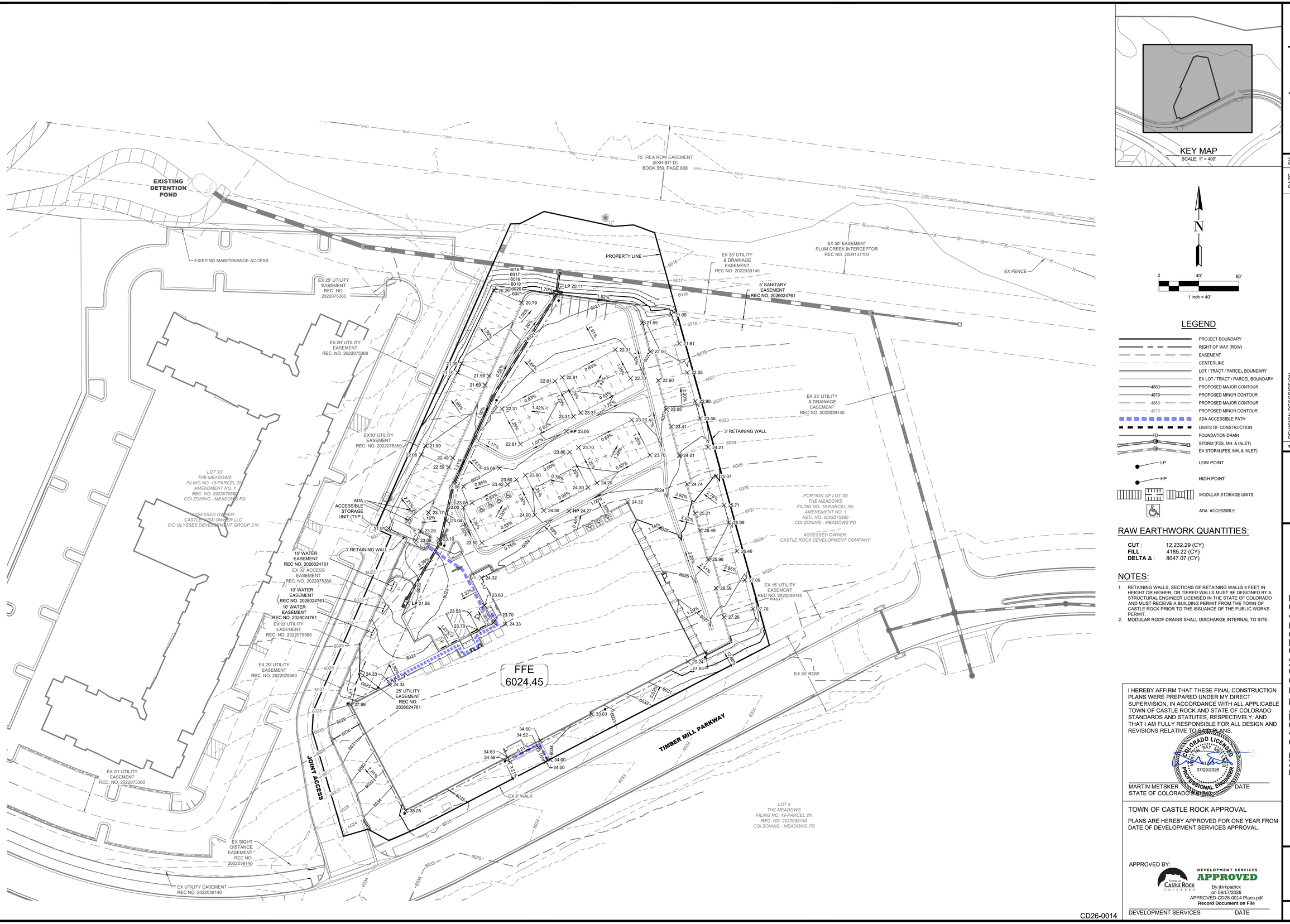
CONSTRUCTION DOCUMENTS

UTILITY PLAN

Know what's **below.** **Call** before you dig. 811

SHEET 5 OF 36

8/18/2026 12:23 PM, X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CDS OVERALL UTILITY PLAN - DXD.DWG 1



N

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- CENTERLINE
- LOT / TRACT / PARCEL BOUNDARY
- EX LOT / TRACT / PARCEL BOUNDARY
- 4880 PROPOSED MAJOR CONTOUR
- 4879 PROPOSED MINOR CONTOUR
- 4880 PROPOSED MAJOR CONTOUR
- 4879 PROPOSED MINOR CONTOUR
- ADA ACCESSIBLE PATH
- LIMITS OF CONSTRUCTION
- FD FOUNDATION DRAIN
- STORM (FES, MH, & INLET)
- EX STORM (FES, MH, & INLET)
- LP LOW POINT
- HP HIGH POINT
- MODULAR STORAGE UNITS
- ADA ACCESSIBLE

RAW EARTHWORK QUANTITIES:

CUT :	12,232.29 (CY)
FILL :	4185.22 (CY)
DELTA Δ :	8047.07 (CY)

NOTES:

1. RETAINING WALLS, SECTIONS OF RETAINING WALLS 4 FEET IN HEIGHT OR HIGHER, OR TIERED WALLS MUST BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF COLORADO AND MUST RECEIVE A BUILDING PERMIT FROM THE TOWN OF CASTLE ROCK PRIOR TO THE ISSUANCE OF THE PUBLIC WORKS PERMIT.
2. MODULAR ROOF DRAINS SHALL DISCHARGE INTERNAL TO SITE.

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO THESE PLANS.

COLORADO LICENSED — RAY M. METSKER — 41143 — PROFESSIONAL ENGINEER — 07/29/2026

MARTIN METSKER DATE
STATE OF COLORADO PE

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO

DEVELOPMENT SERVICES
APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES DATE

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

DXD CASTLE ROCK STORAGE

CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
GRADING PLAN

Know what's **below.** **Call** before you dig. 811

SHEET 6 OF 30

7/29/2026 9:50 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CDS OVERALL GRADING PLAN - DXD.DWG 1



N

0 20' 40'

1 inch = 20'

LEGEND

- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EASEMENT
- CENTERLINE
- LOT / TRACT / PARCEL BOUNDARY
- EX LOT / TRACT / PARCEL BOUNDARY
- 4880 PROPOSED MAJOR CONTOUR
- 4879 PROPOSED MINOR CONTOUR
- 4880 EX MAJOR CONTOUR
- 4879 EX MINOR CONTOUR
- ADA ACCESSIBLE PATH
- LIMITS OF CONSTRUCTION
- FD FOUNDATION DRAIN
- STORM (FES, MH, & INLET)
- EX STORM (FES, MH, & INLET)
- LP LOW POINT
- HP HIGH POINT
- MODULAR STORAGE UNITS
- ADA ACCESSIBLE

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COLORADO LICENSED PROFESSIONAL ENGINEER — MARTIN METSKER — 07/29/2026

MARTIN METSKER DATE
STATE OF COLORADO PE

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

DEVELOPMENT SERVICES APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

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1	1ST SUBMITTAL	04/17/2026	MM
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3	3RD SUBMITTAL	07/10/2026	MM

DXD CASTLE ROCK STORAGE

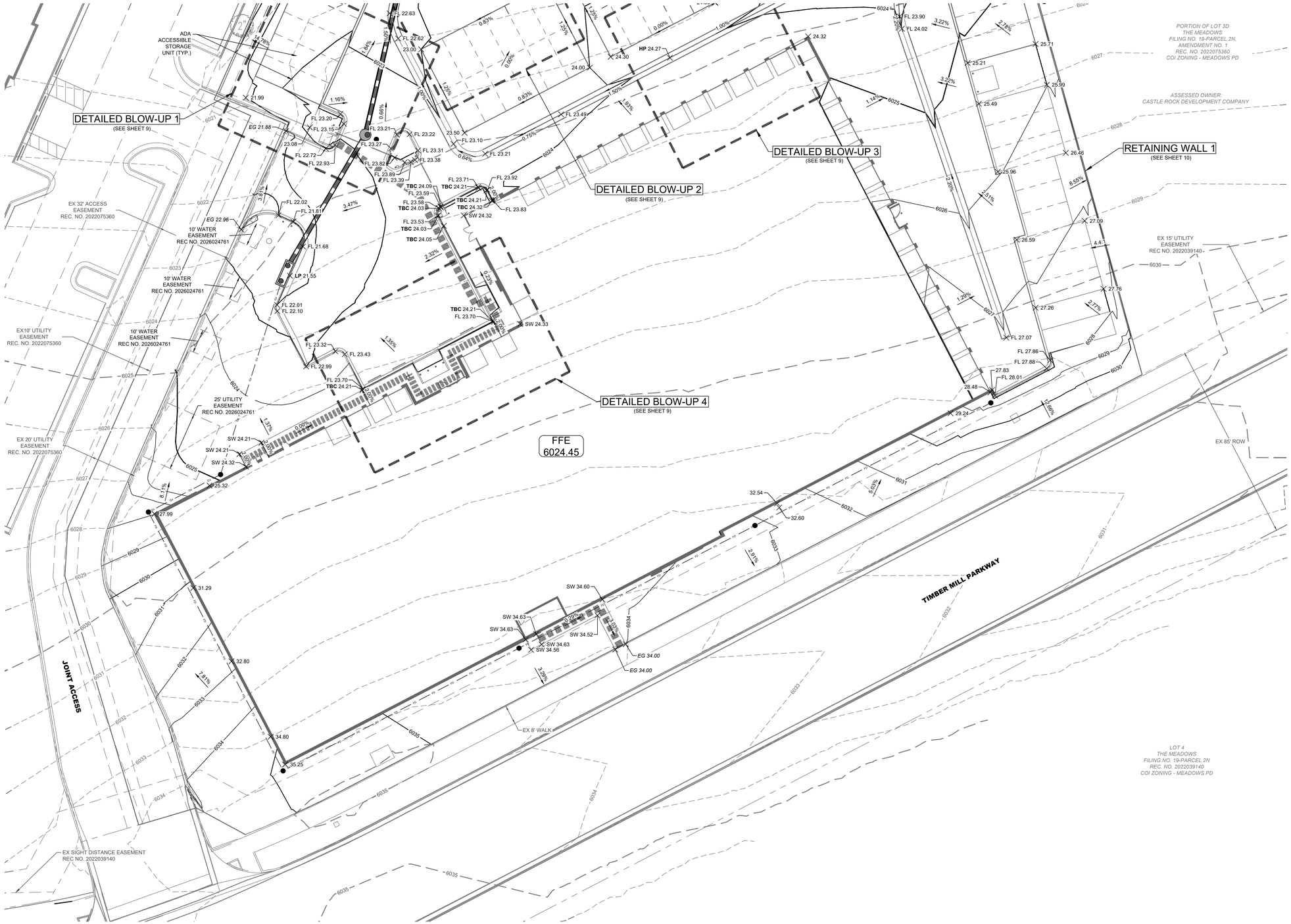
CASTLE ROCK, COLORADO

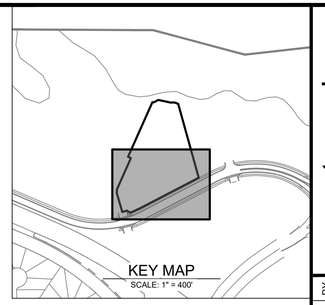
CONSTRUCTION DOCUMENTS
DETAILED GRADING PLAN (1 OF 3)

Know what's **below.** **Call** before you dig. 811

SHEET
7 OF 30

7/29/2026 9:51 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CD5 DETAILED GRADING PLAN - DXD.DWG 1





N

0 20' 40'

1 inch = 20'

LEGEND

- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EASEMENT
- CENTERLINE
- LOT / TRACT / PARCEL BOUNDARY
- EX LOT / TRACT / PARCEL BOUNDARY
- 4880 PROPOSED MAJOR CONTOUR
- 4879 PROPOSED MINOR CONTOUR
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- STORM (FES, MH, & INLET)
- EX STORM (FES, MH, & INLET)
- LP LOW POINT
- HP HIGH POINT
- MODULAR STORAGE UNITS
- ADA ACCESSIBLE

NOTES:

1. RETAINING WALLS SHALL BE BASALITE AB COLLECTION IN ASHLAR BLEND PATTERN AND TAN BLEND COLOR.

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

COLORADO LICENSED MARTIN RAY METSKER 41744 PROFESSIONAL ENGINEER
07/29/2026

MARTIN METSKER — DATE
STATE OF COLORADO #41744

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK ESTD 1874 — DEVELOPMENT SERVICES APPROVED

By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES — DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph. 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

DXD CASTLE ROCK STORAGE

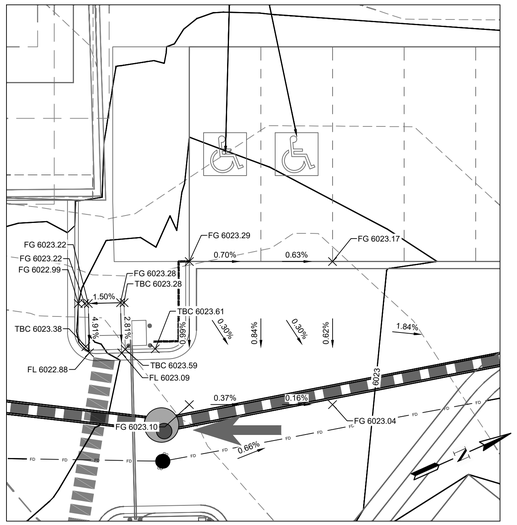
CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
DETAILED GRADING PLAN (2 OF 3)

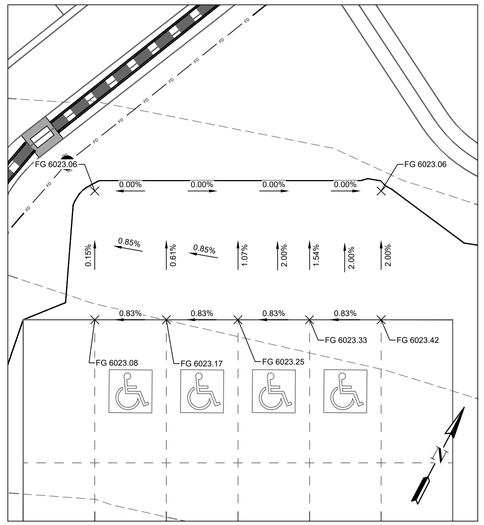
Know what's **below.** **Call** before you dig. 811

SHEET 8 OF 30

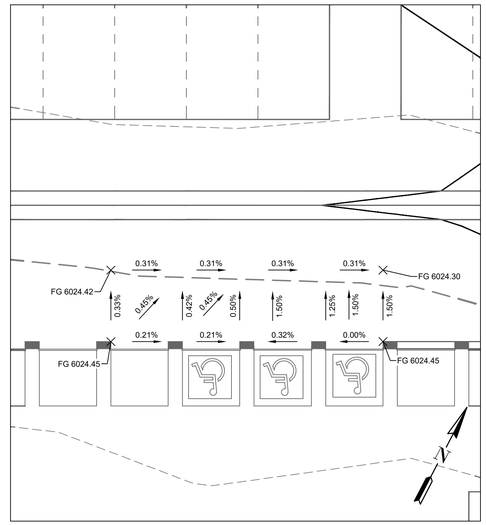
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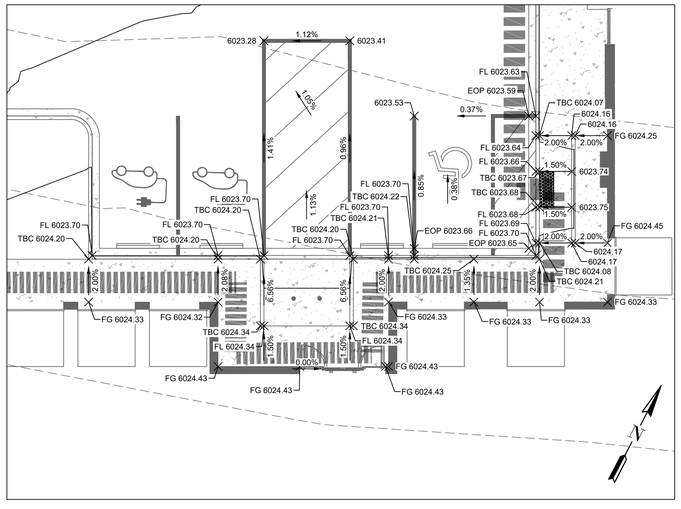
DETAILED BLOW-UP 1 (DB1)
1" = 10'



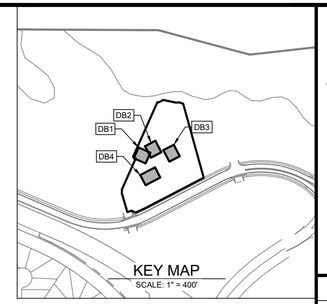
DETAILED BLOW-UP 2 (DB2)
1" = 10'



DETAILED BLOW-UP 3 (DB3)
1" = 10'



DETAILED BLOW-UP 4 (DB4)
1" = 10'



KEY MAP
SCALE: 1" = 400'

0 10' 20'
1 inch = 10'

LEGEND

- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EASEMENT
- CENTERLINE
- LOT / TRACT / PARCEL BOUNDARY
- EX LOT / TRACT / PARCEL BOUNDARY
- 4880 — PROPOSED MAJOR CONTOUR
- 4879 — PROPOSED MINOR CONTOUR
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- ADA ACCESSIBLE

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
DETAILED GRADING PLAN (3 OF 3)

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

COLORADO LICENSED — RAY M. METSKER — 41143 — 07/29/2026 — PROFESSIONAL ENGINEER

MARTIN METSKER DATE
STATE OF COLORADO #41143

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO

DEVELOPMENT SERVICES
APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

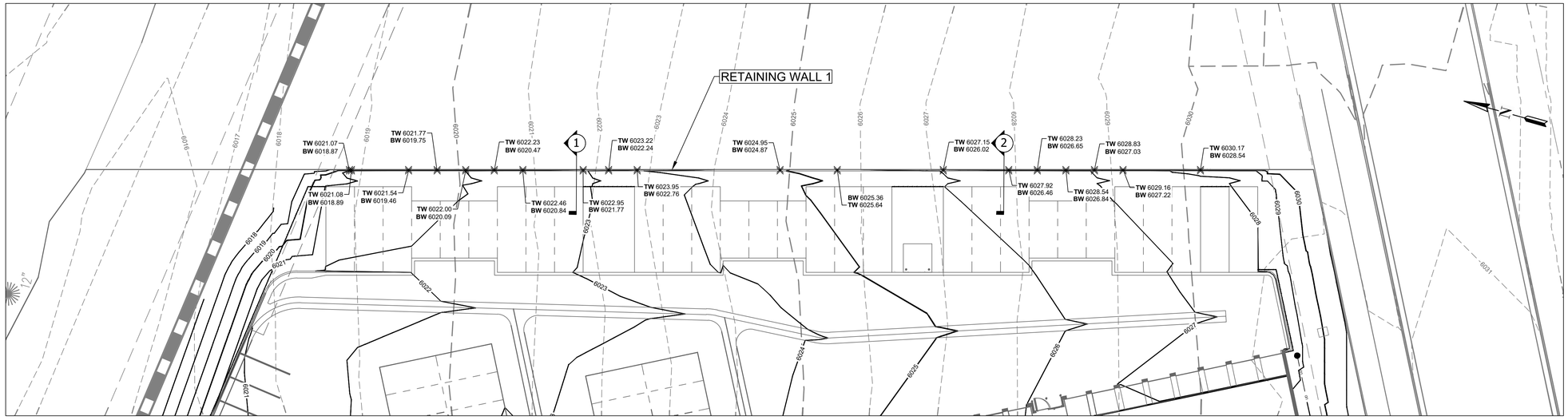
DEVELOPMENT SERVICES DATE

CD26-0014

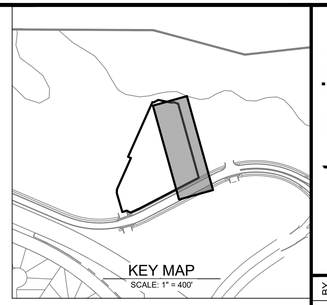
Know what's below. Call before you dig. 811

SHEET 9 OF 30

7/29/2026 9:53 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CDS DETAILED GRADING PLAN - DXD.DWG 1:(3)



RETAINING WALL 1 (RW1)
1" = 20'



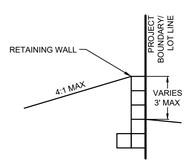
0 20' 40'
1 inch = 20'

LEGEND

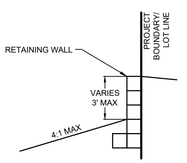
- PROJECT BOUNDARY
- RIGHT OF WAY (ROW)
- EASEMENT
- CENTERLINE
- LOT / TRACT / PARCEL BOUNDARY
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- 4880 PROPOSED MAJOR CONTOUR
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- EX STORM (FES, MH, & INLET)
- LP LOW POINT
- HP HIGH POINT
- MODULAR STORAGE UNITS
- ADA ACCESSIBLE

NOTES:

1. RETAINING WALLS, SECTIONS OF RETAINING WALLS 4 FEET IN HEIGHT OR HIGHER, OR TIERED WALLS MUST BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF COLORADO AND MUST RECEIVE A BUILDING PERMIT FROM THE TOWN OF CASTLE ROCK PRIOR TO THE ISSUANCE OF THE PUBLIC WORKS PERMIT.
2. THE SCOPE OF SERVICES INCLUDING ALL COSTS FOR THE RETAINING WALL DESIGN, FURNISH & INSTALLATION SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.



SECTION 1
N.T.S.



SECTION 2
N.T.S.

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

COLORADO LICENSED
MARTIN METSKER
41744
PROFESSIONAL ENGINEER
07/29/2026

MARTIN METSKER DATE
STATE OF COLORADO #41744

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO
DEVELOPMENT SERVICES
APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

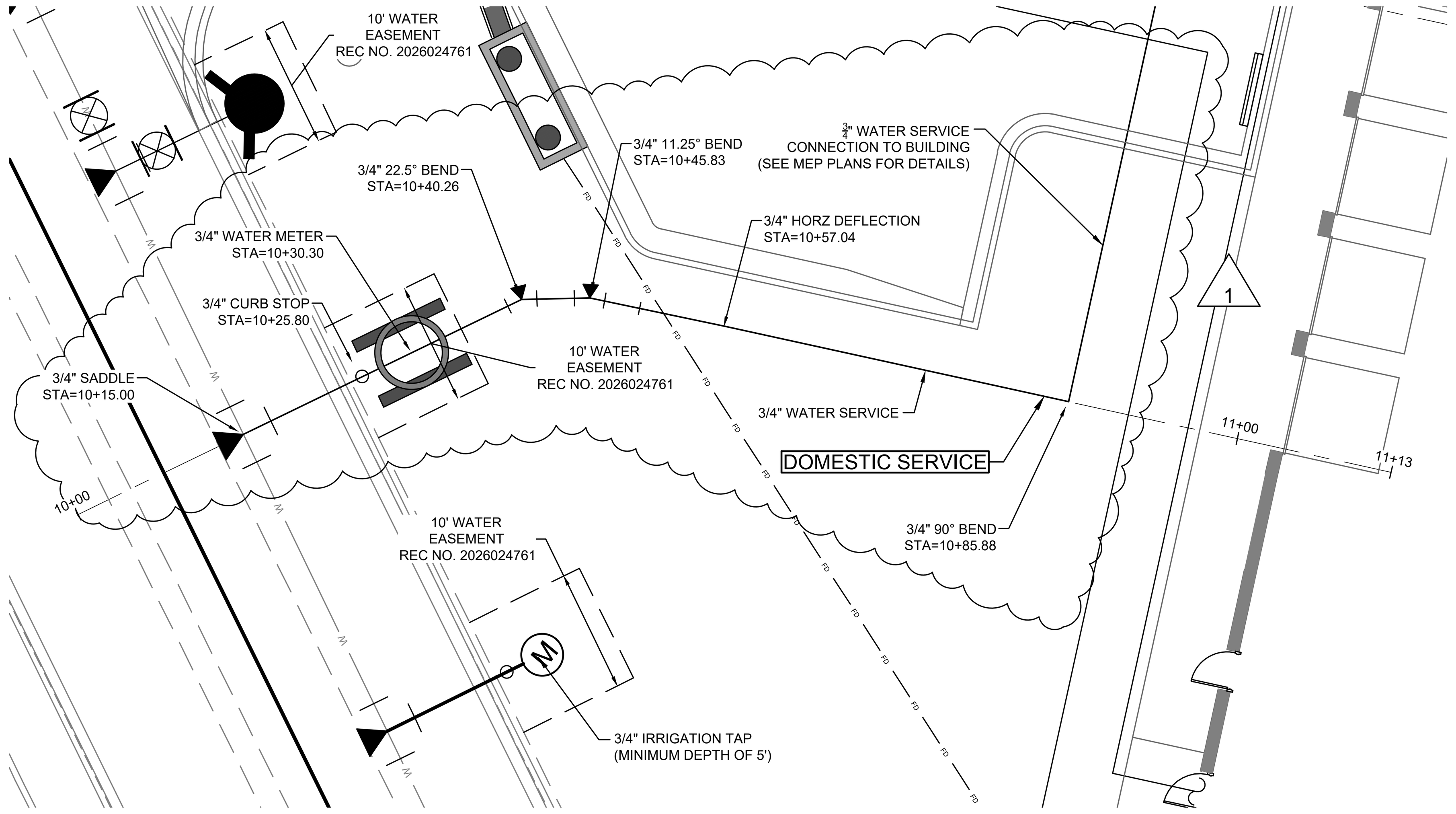
#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

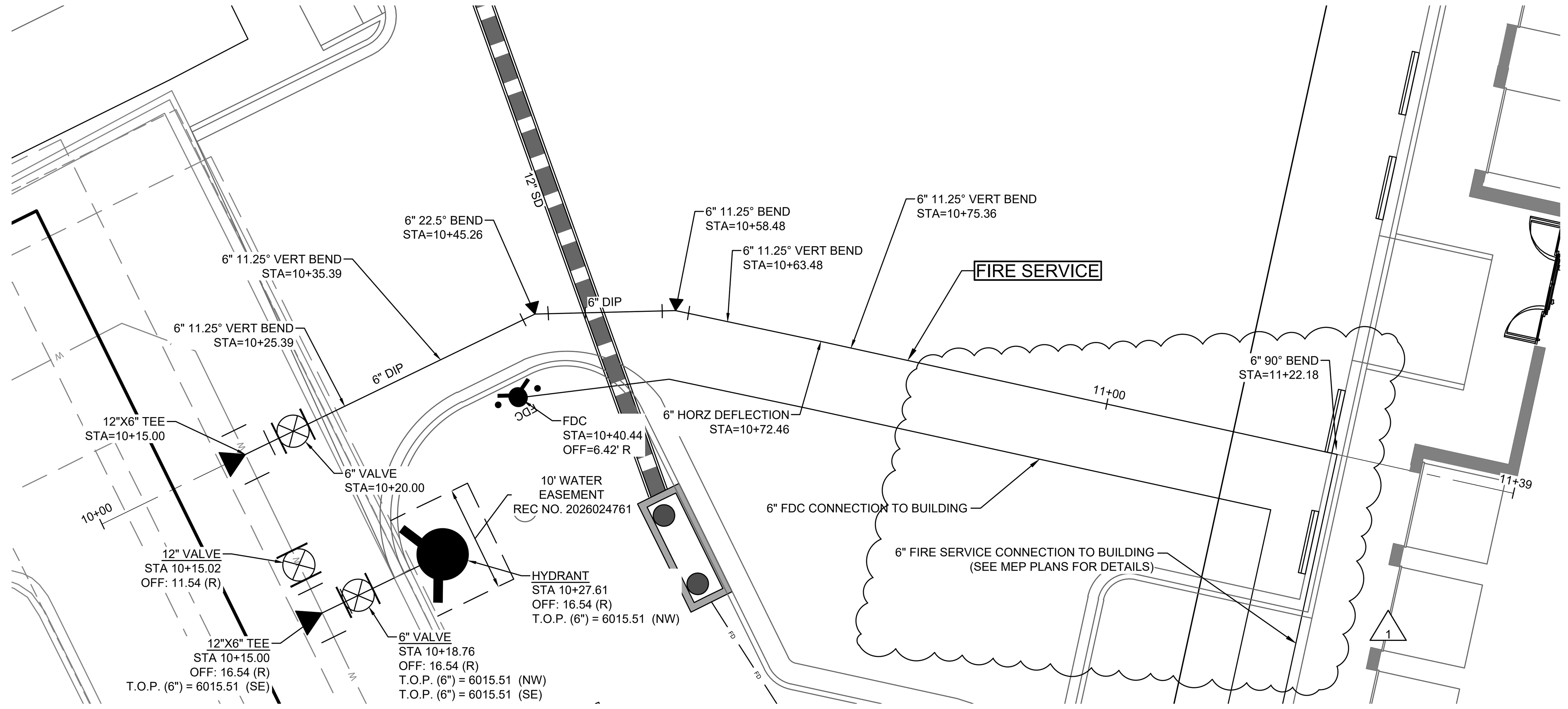
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
RETAINING WALL PLAN

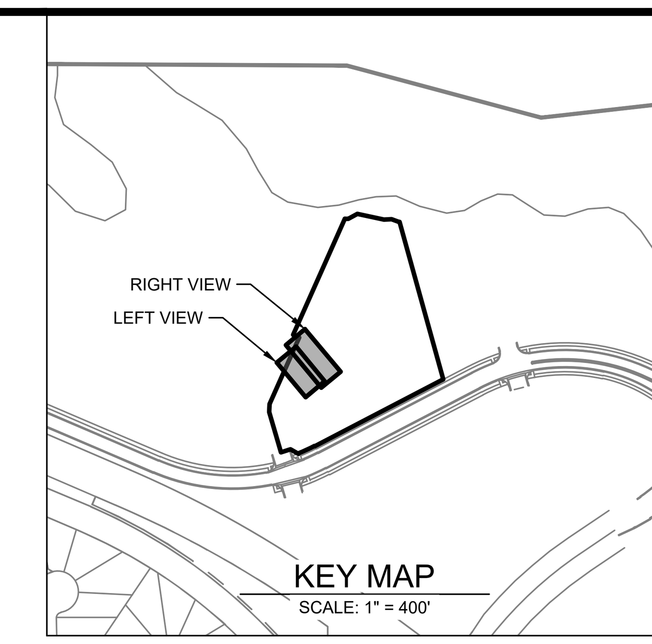
Know what's **below.** **Call** before you dig.
811

SHEET
10 OF 30

7/29/2026 9:53 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CDS DETAILED GRADING PLAN - DXD.DWG 1 (4)







0 10' 20'

1 inch = 10'

LEGEND

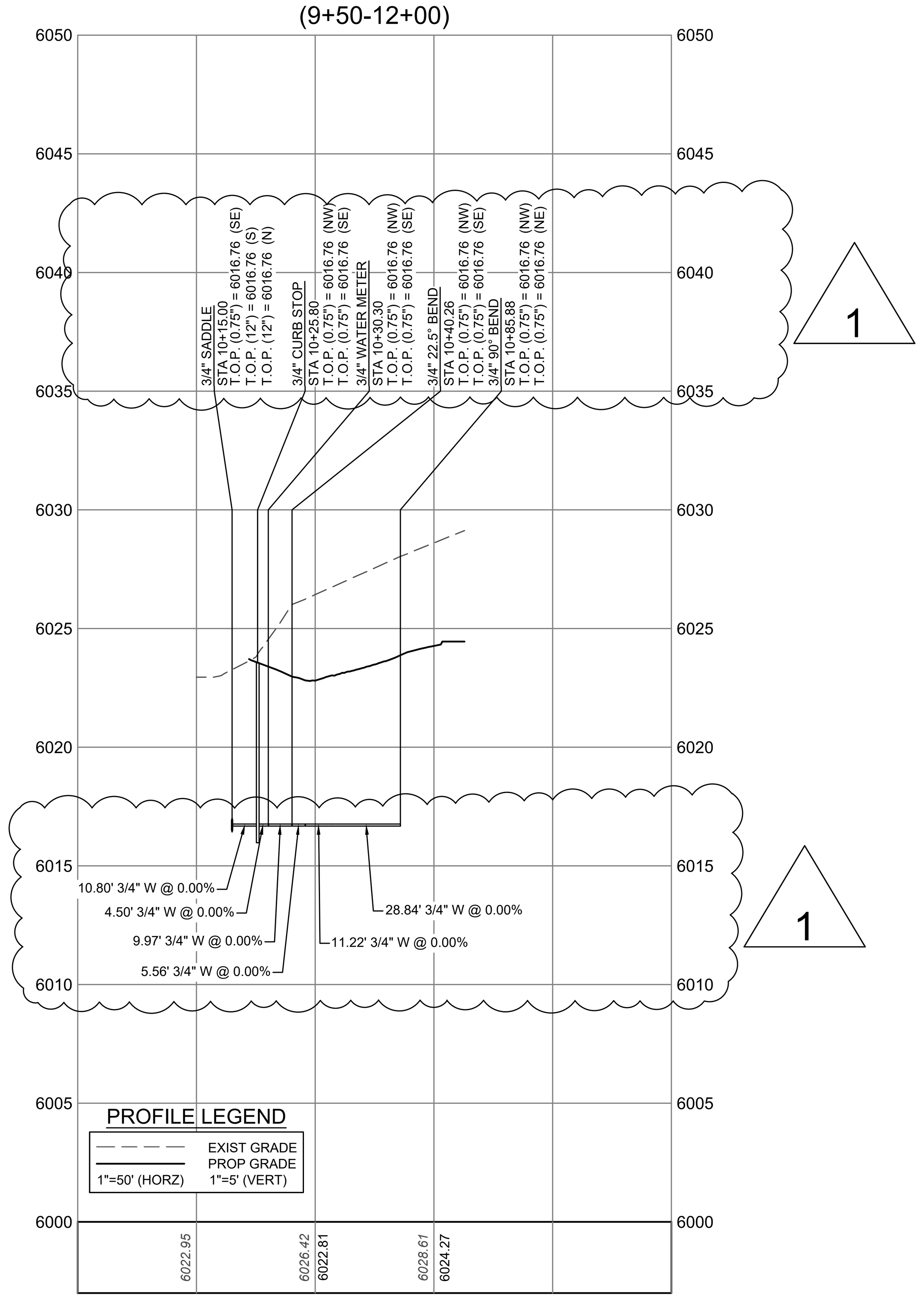
- STORM (FES, MH, & INLET)
- SANITARY
- WATER (HYDRANT, VALVE, BEND, ARV)
- FOUNDATION DRAIN
- EXISTING ELECTRIC
- EXISTING FENCE
- EXISTING FIBER OPTIC
- EXISTING GAS
- EXISTING TELEPHONE
- EXISTING WATER
- EXISTING SWALE
- EXISTING OVERHEAD ELECTRIC
- EXISTING SANITARY CLEAN OUT
- EX WATER VALVE & HYDRANT
- EXISTING STREET LIGHT
- EXISTING STREET SIGNS
- MODULAR STORAGE UNITS
- LIMITS OF CONSTRUCTION

UTILITY NOTES

1. CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, SIZE AND INVERT OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. ALL HYDRANT LATERALS SHALL BE FULLY RESTRAINED USING MEG-A-LUG JOINT RESTRAINT OR APPROVED EQUAL.
3. ALL FIRE PROTECTION SERVICE LINES SHALL BE FULLY RESTRAINED IN THEIR ENTIRETY.

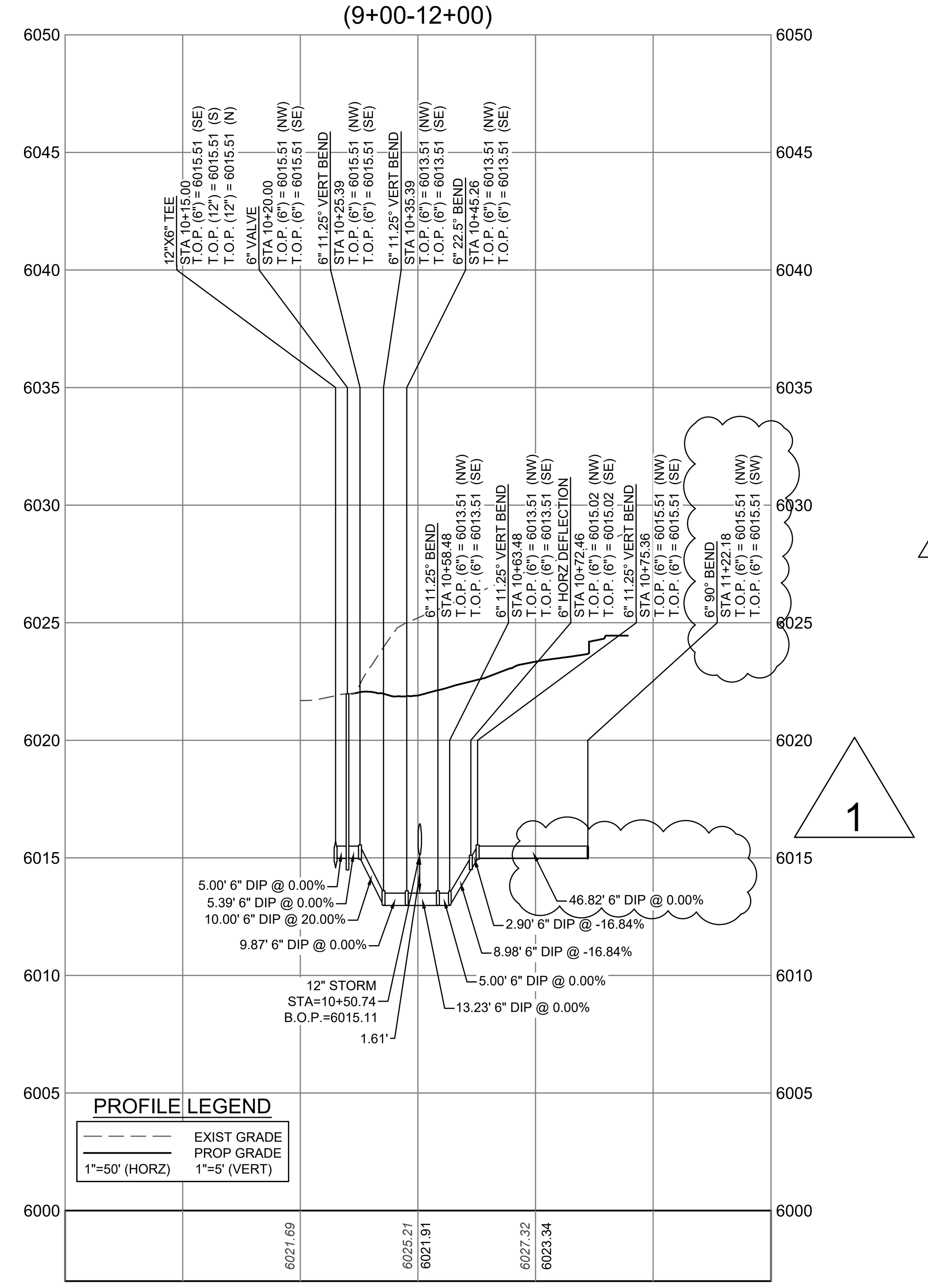
DOMESTIC SERVICE

(9+50-12+00)



FIRE SERVICE

(9+00-12+00)



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COLORADO LICENSED PROFESSIONAL ENGINEER — MARTIN RAY METSKER 41743 — 09/21/2026

MARTIN METSKER — DATE
STATE OF COLORADO # 41743

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO

DEVELOPMENT SERVICES **APPROVED**
By jkirkpatrick
on 10/07/2026
APPROVED-FCO26-0061 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES — DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

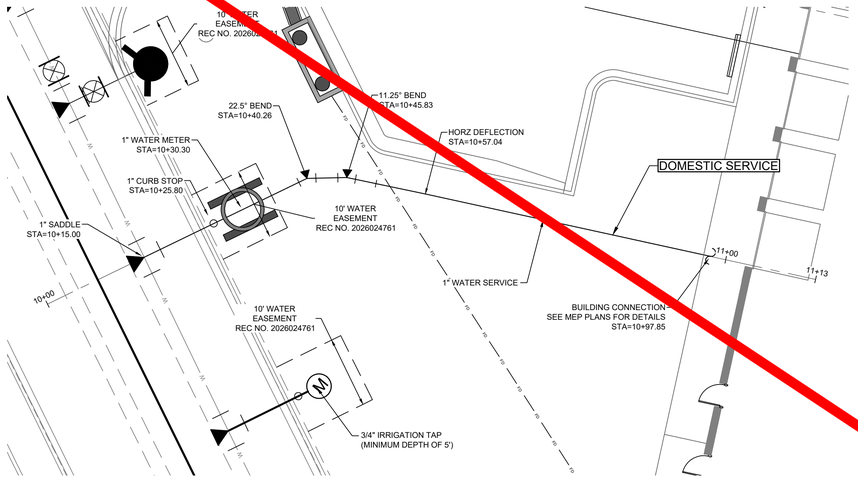
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1	FCO26-0061	09/21/2026	MM

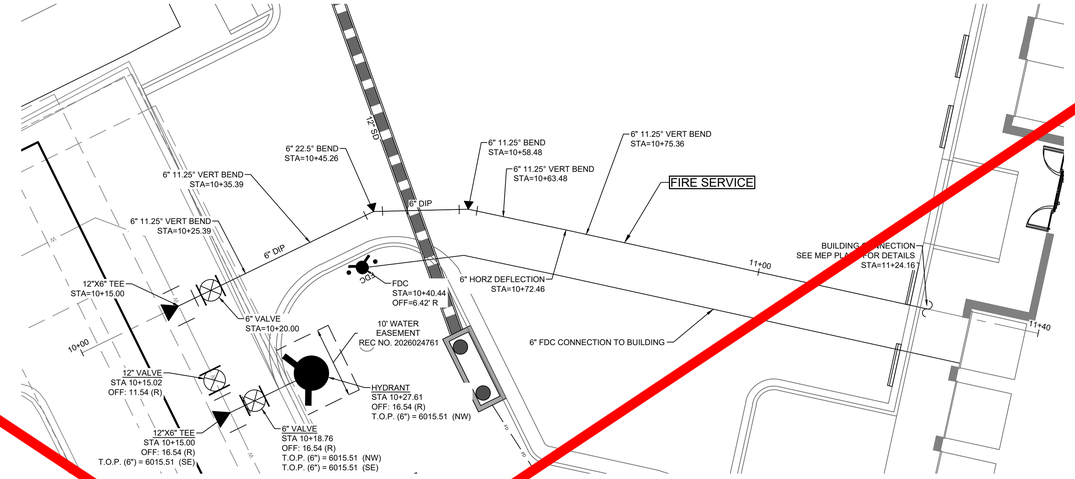
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

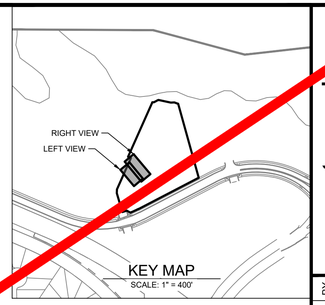
CONSTRUCTION DOCUMENTS
WATER P&P

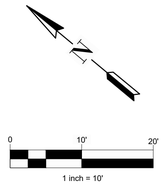
Know what's below. Call before you dig. 811

SHEET 11 OF 30









LEGEND

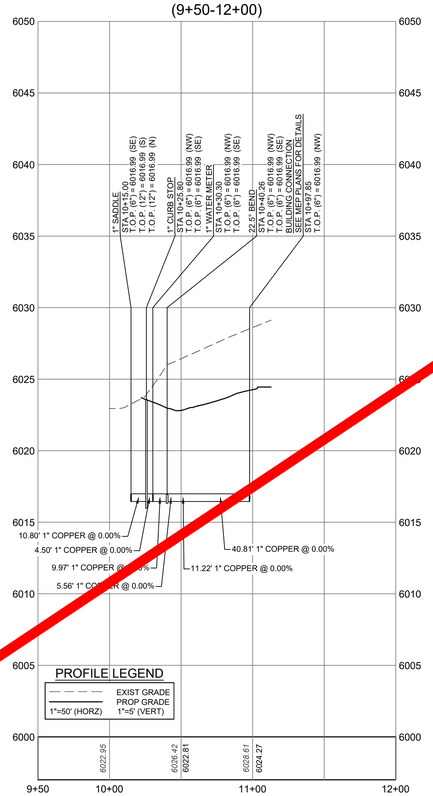
- STORM (FES, MH, & INLET)
- SANITARY
- WATER (HYDRANT, VALVE, BEND, ARV)
- FD — FOUNDATION DRAIN
- E — EXISTING ELECTRIC
- X — EXISTING FENCE
- FO — EXISTING FIBER OPTIC
- G — EXISTING GAS
- T — EXISTING TELEPHONE
- W — EXISTING WATER
- EXISTING SWALE
- OHEL — EXISTING OVERHEAD ELECTRIC
- EXISTING SANITARY CLEAN OUT
- EX WATER VALVE & HYDRANT
- EXISTING STREET LIGHT
- EXISTING STREET SIGNS
- MODULAR STORAGE UNITS
- LIMITS OF CONSTRUCTION

UTILITY NOTES

1. CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, SIZE AND INVERT OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
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3. ALL FIRE PROTECTION SERVICE LINES SHALL BE FULLY RESTRAINED IN THEIR ENTIRETY.

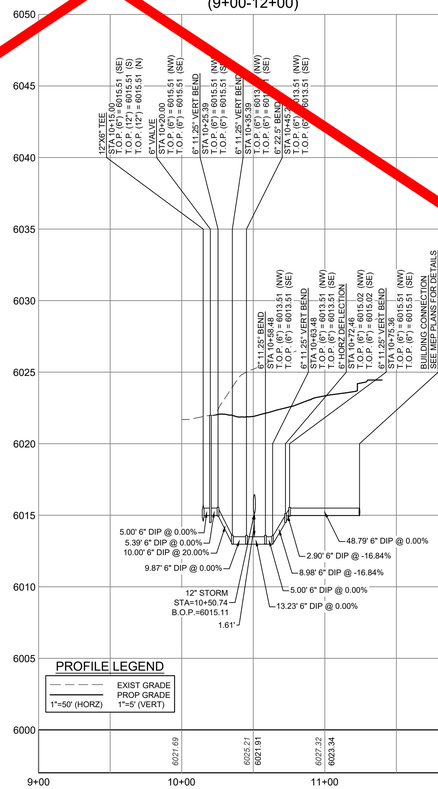
DOMESTIC SERVICE

(9+50-12+00)



FIRE SERVICE

(9+00-12+00)



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COLORADO LICENSED MARTIN METSKER 41174 PROFESSIONAL ENGINEER 07/29/2026

MARTIN METSKER — DATE
STATE OF COLORADO PE #41174

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

Town of Castle Rock COLORADO — DEVELOPMENT SERVICES APPROVED
By jkirkpatrick on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
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DEVELOPMENT SERVICES — DATE

CD26-0014

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

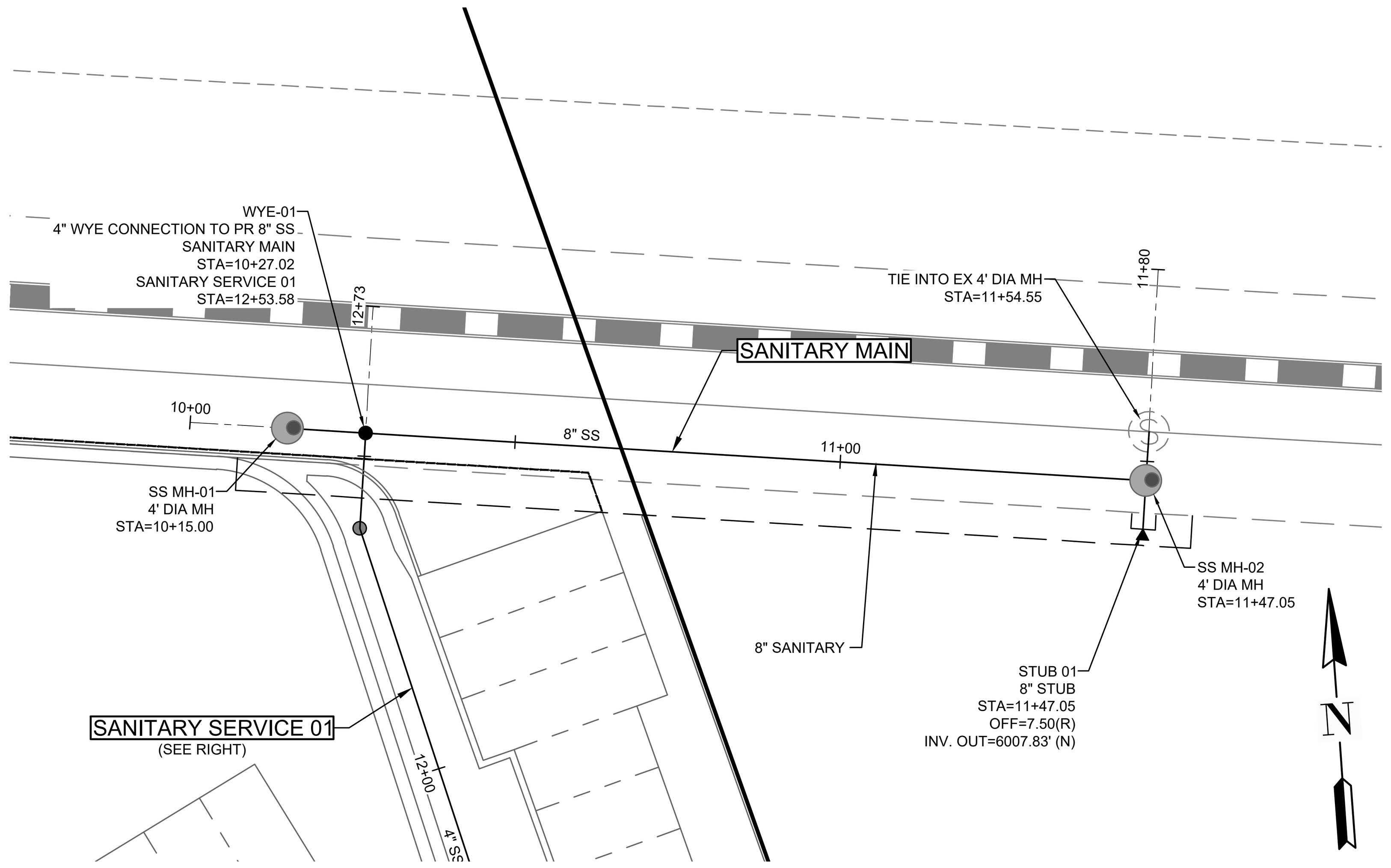
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10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

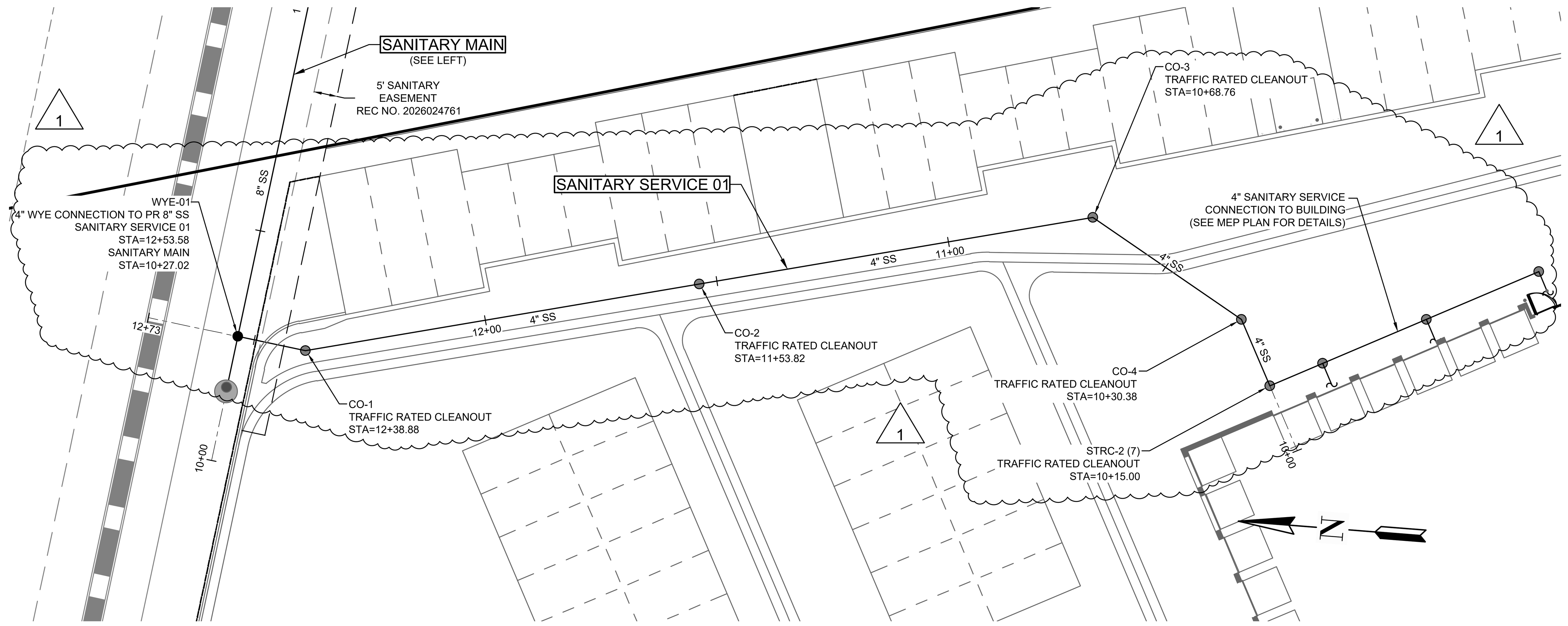
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
WATER P&P

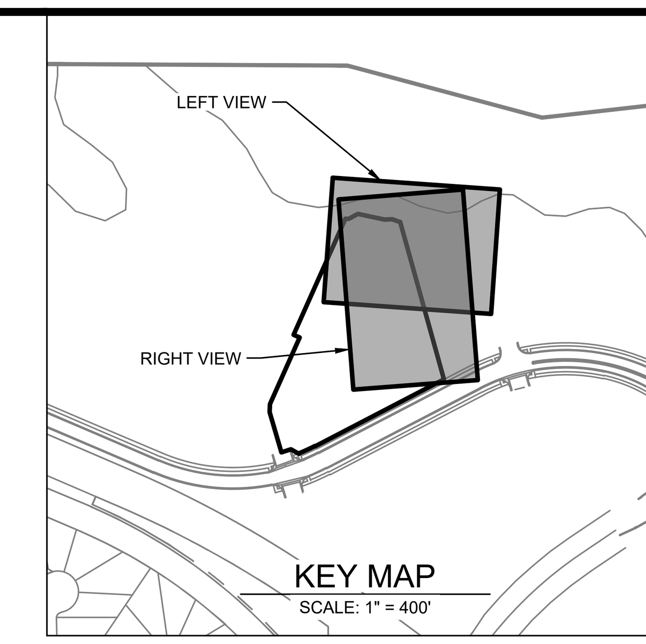
Know what's **below.** **Call** before you dig. 811

SHEET 11 OF 20

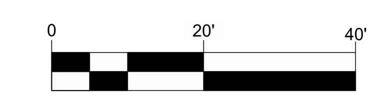
7/29/2026 12:24 PM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CD26 WATER P&P - DXD.DWG 1







KEY MAP
SCALE: 1" = 400'



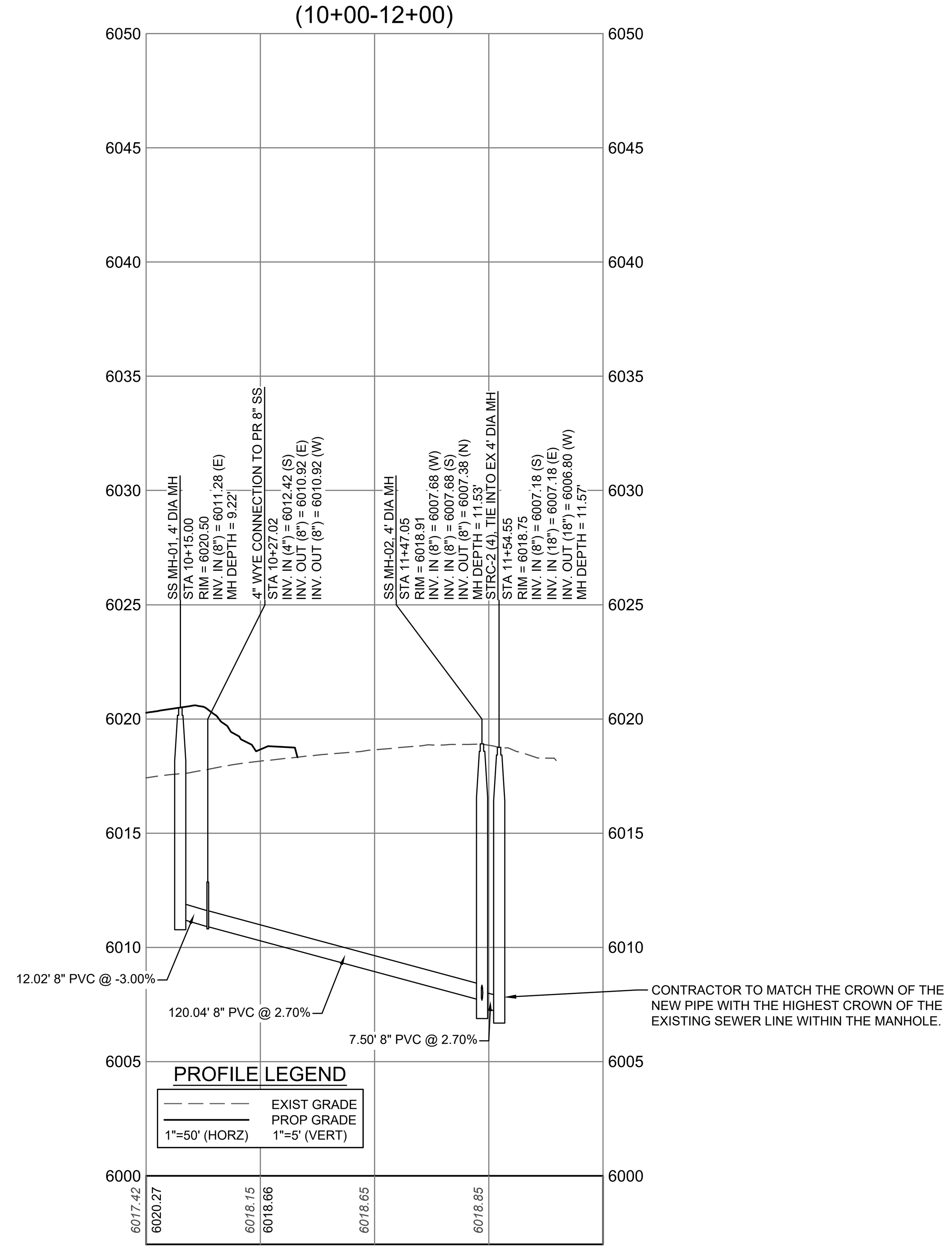
1 inch = 20'

LEGEND

- STORM (FES, MH, & INLET)
- SANITARY
- WATER (HYDRANT, VALVE, BEND, ARV)
- FOUNDATION DRAIN
- EXISTING ELECTRIC
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- EXISTING SWALE
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- EXISTING STREET SIGNS
- MODULAR STORAGE UNITS
- LIMITS OF CONSTRUCTION

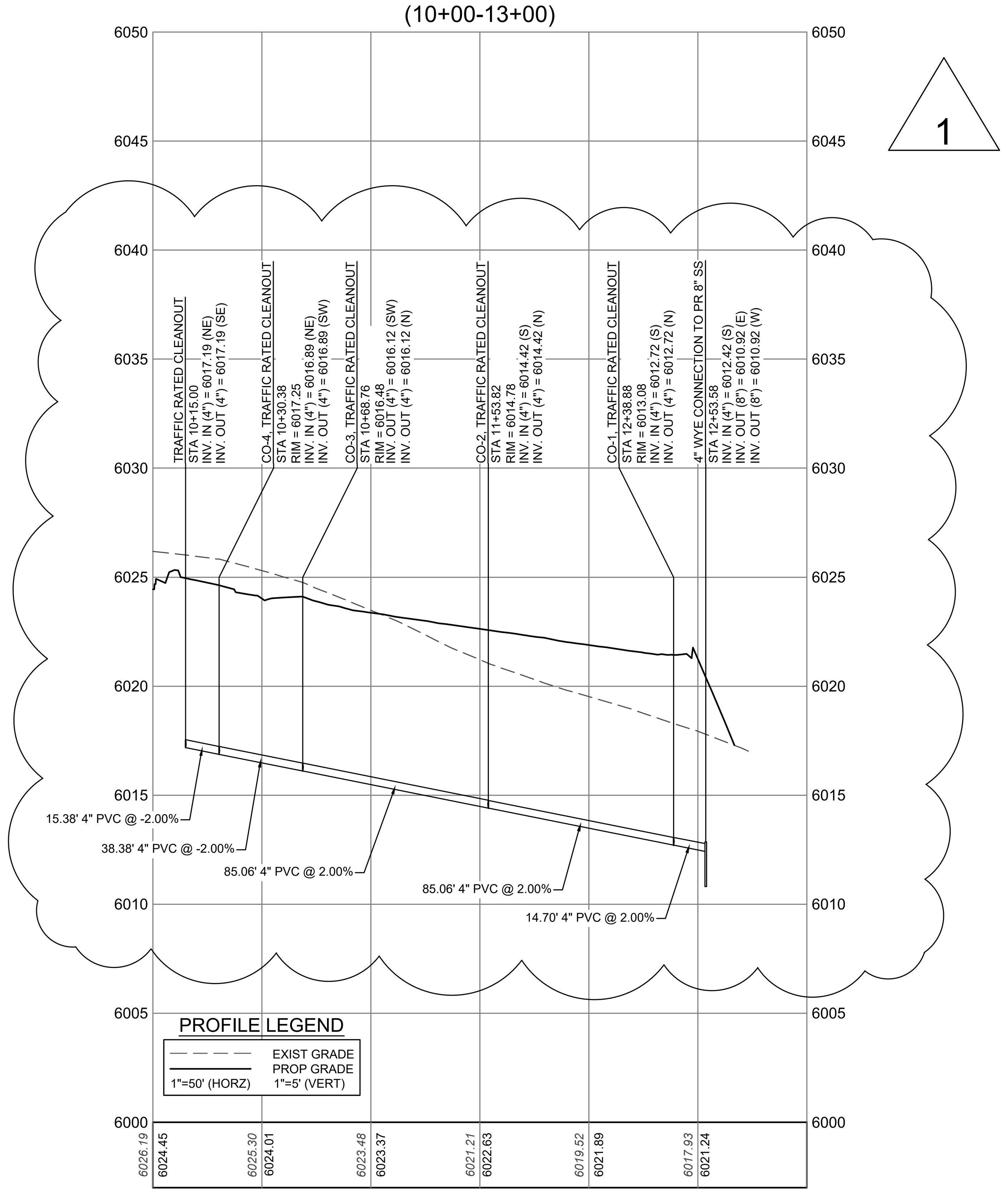
SANITARY MAIN

(10+00-12+00)



SANITARY SERVICE 01

(10+00-13+00)



UTILITY NOTES

1. CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, SIZE AND INVERT OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. ALL MANHOLES LOCATED OUTSIDE DEDICATED PAVED EASEMENTS OR RIGHT-OF-WAY SHALL BE DESIGNED AND CONSTRUCTED WITH A LOCKING-TYPE COVER; THE MANHOLE RING SHALL BE BOLTED TO THE MANHOLE CONE AND THE MANHOLE LID SHALL BE RAISED IN ACCORDANCE WITH THE TOWN'S STANDARD DETAIL. MARKER POSTS IN ACCORDANCE WITH THE TOWN'S STANDARD DETAILS SHALL BE INSTALLED TO MARK THE LOCATION OF MANHOLES OUTSIDE OF PAVEMENT.

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

COLORADO LICENSED PROFESSIONAL ENGINEER MARTIN RAY METSKER 41743 09/21/2026

MARTIN METSKER DATE
STATE OF COLORADO #41743

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO

DEVELOPMENT SERVICES APPROVED
By jkirkpatrick
on 10/07/2026
APPROVED-FCO26-0061 Plans.pdf
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DEVELOPMENT SERVICES DATE

CD26-0014

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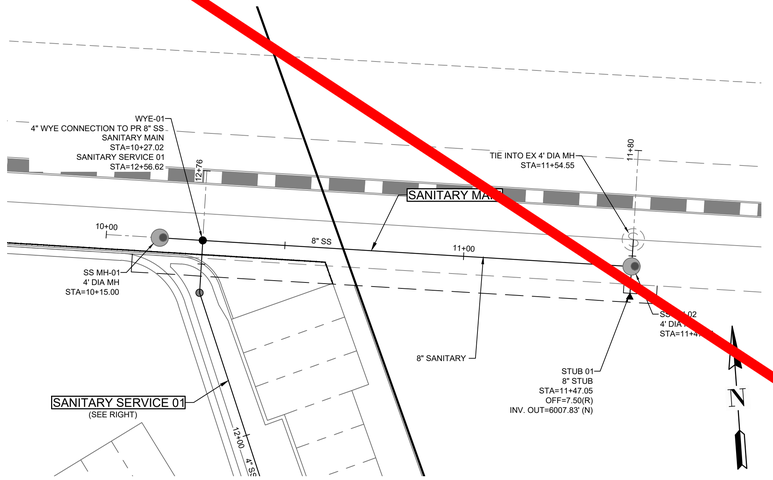
#	REVISION DESCRIPTION	DATE	BY
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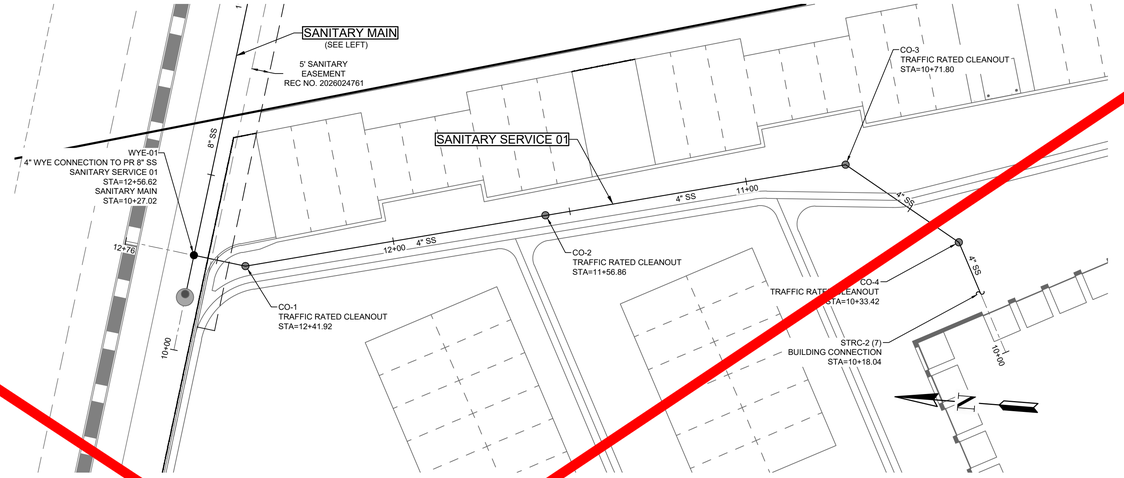
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

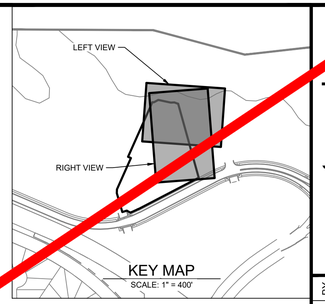
CONSTRUCTION DOCUMENTS
SANITARY P&P

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9/17/2026 8:40 AM, X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\FCO #1 SANITARY P&P - DXD.DWG 1







0 20' 40'

1 inch = 20'

LEGEND

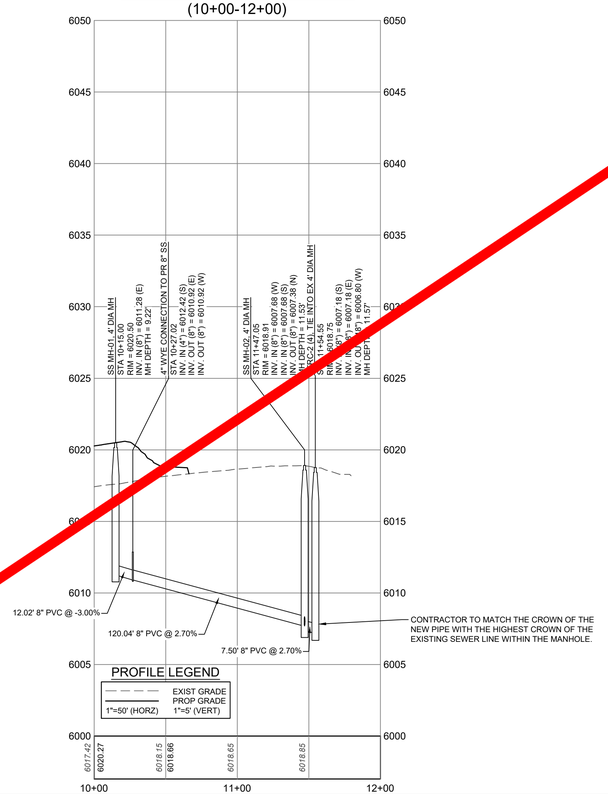
- STORM (FES, MH, & INLET)
- SANITARY
- WATER (HYDRANT, VALVE, BEND, ARV)
- FD — FOUNDATION DRAIN
- E — EXISTING ELECTRIC
- X — EXISTING FENCE
- FO — EXISTING FIBER OPTIC
- G — EXISTING GAS
- T — EXISTING TELEPHONE
- W — EXISTING WATER
- EXISTING SWALE
- OHEL — EXISTING OVERHEAD ELECTRIC
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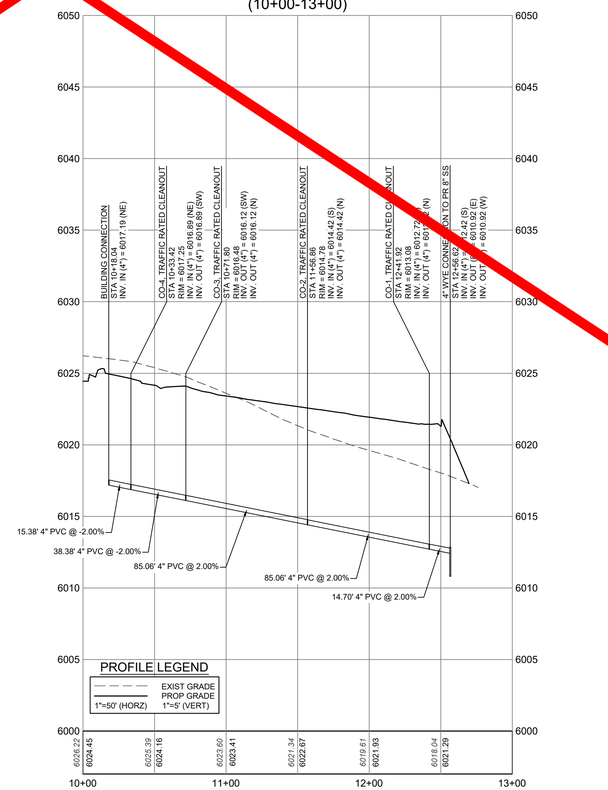
SANITARY MAIN

(10+00-12+00)



SANITARY SERVICE 01

(10+00-13+00)



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COLORADO LICENSED — MARTIN METSKER — PROFESSIONAL ENGINEER

07/29/2026

MARTIN METSKER — DATE

STATE OF COLORADO LICENSE

TOWN OF CASTLE ROCK APPROVAL

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By jkirkpatrick
on 08/17/2026
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CD26-0014

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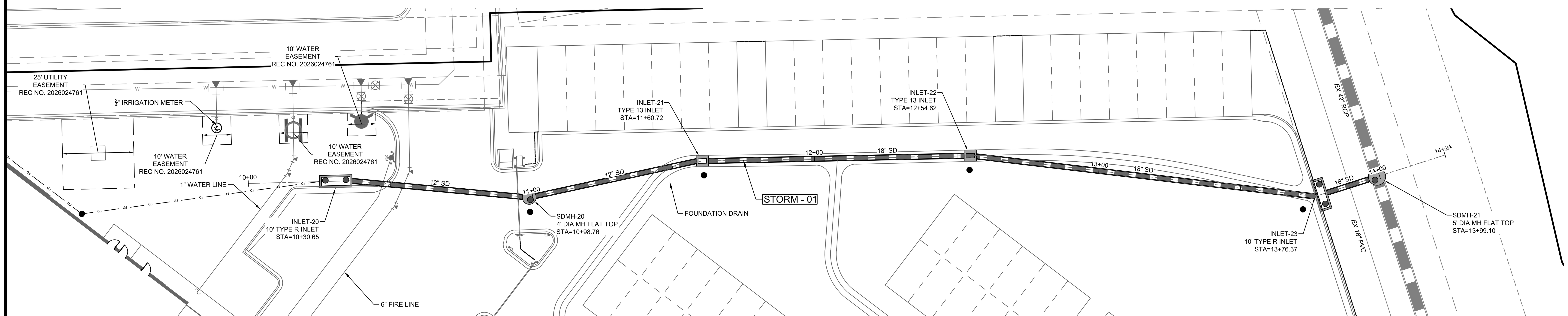
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Denver, CO 80231
ph: 303.632.8867

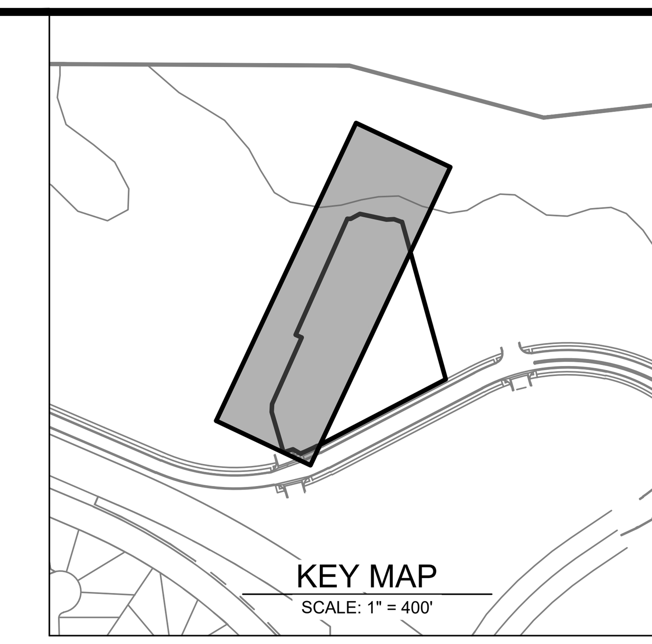
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
SANITARY P&P

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0 20' 40'

1 inch = 20'

LEGEND

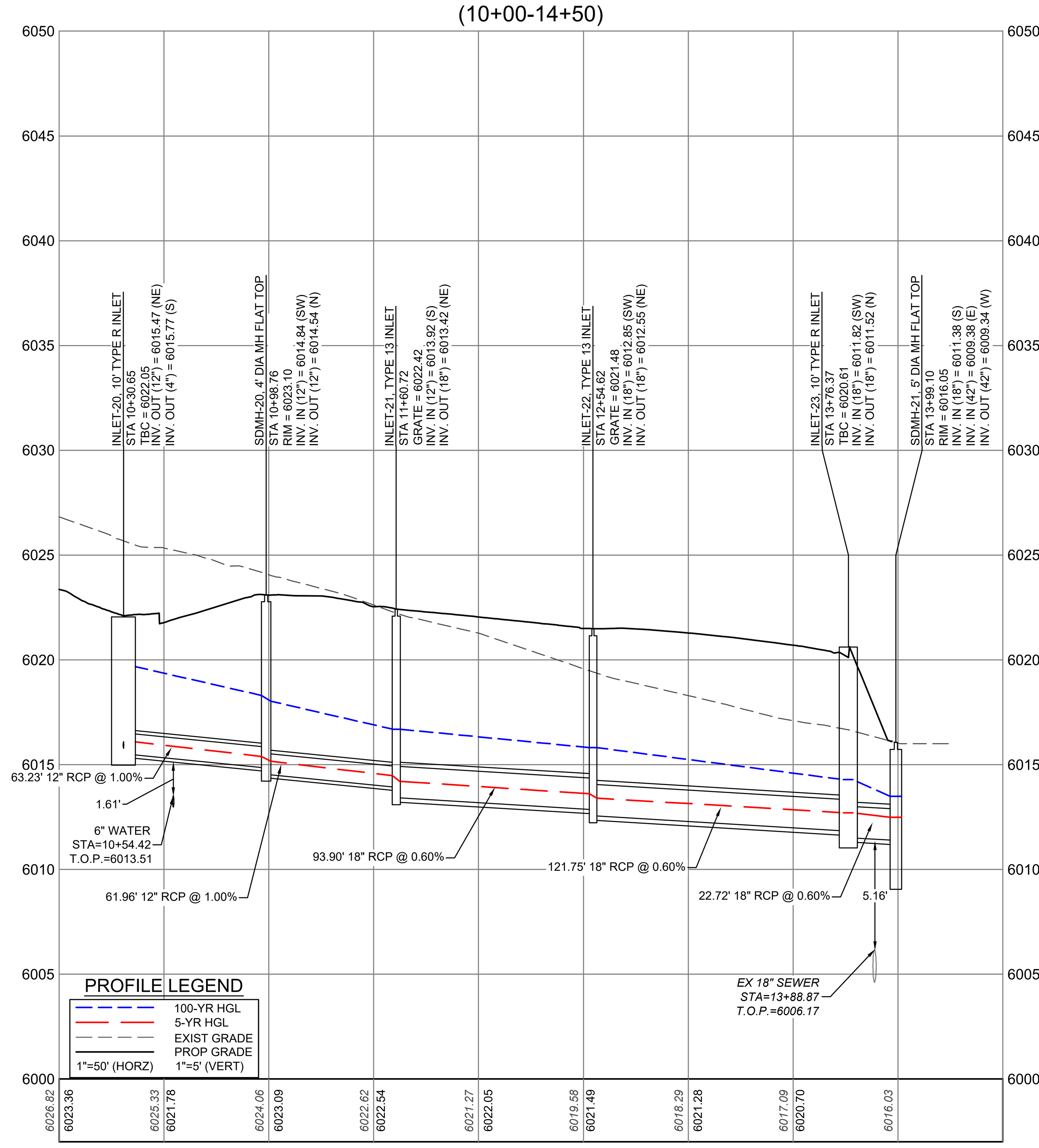
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UTILITY NOTES

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STORM - 01

(10+00-14+50)



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DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
STORM P&P

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COLORADO LICENSED PROFESSIONAL ENGINEER MARTIN RAY METSKER 41743 07/29/2026

MARTIN METSKER DATE
STATE OF COLORADO #41743

TOWN OF CASTLE ROCK APPROVAL

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APPROVED BY:

DEVELOPMENT SERVICES **APPROVED**
By jkirkpatrick
on 08/17/2026
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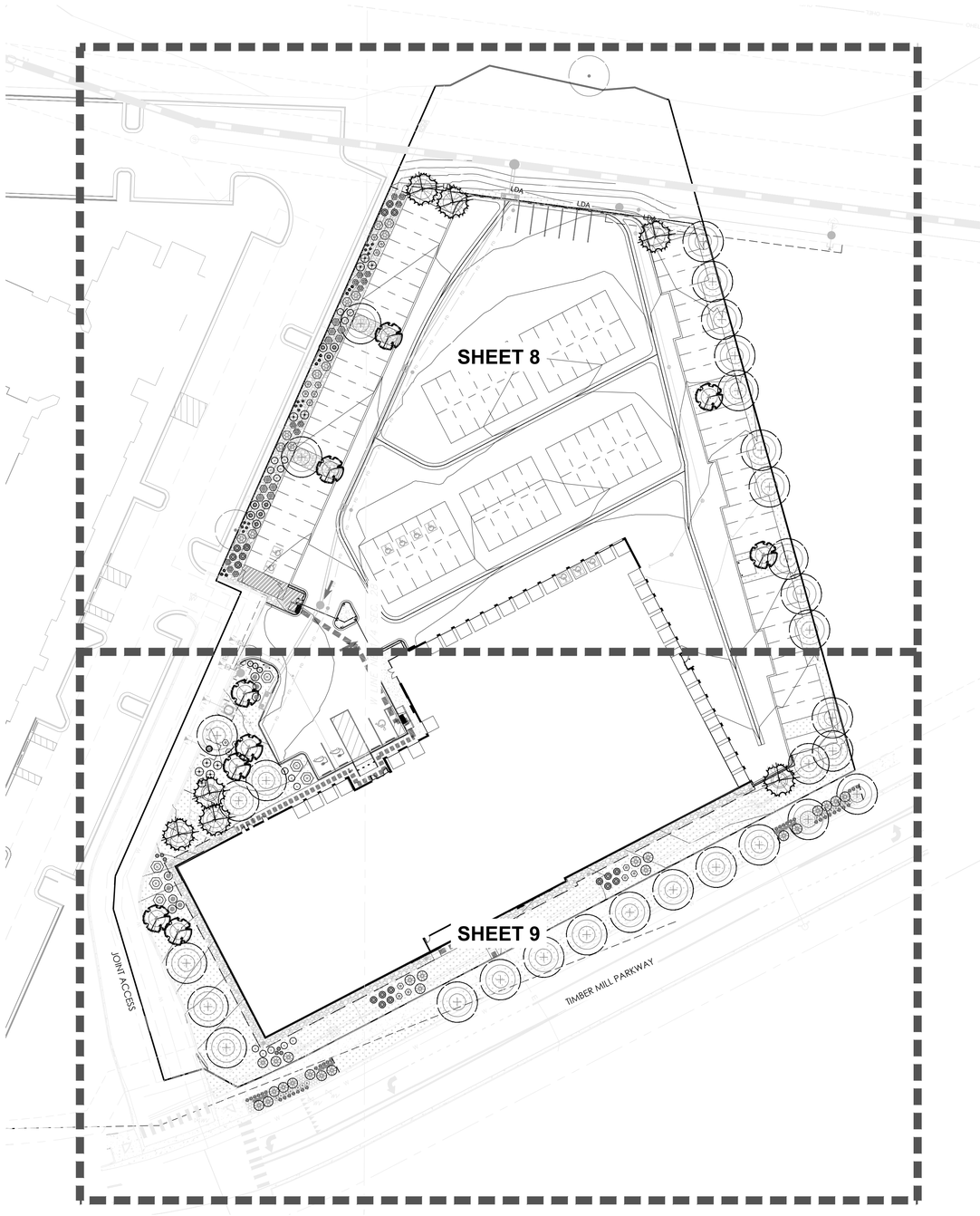
DEVELOPMENT SERVICES DATE

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13 OF 30

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Scale: 1"= 40'-0"

0 20 40 80

N

TOWN OF CASTLE ROCK APPROVAL

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Town of Castle Rock Colorado

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By jkirkpatrick
on 08/17/2026
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SARAH NATALE, PLA CO#843 CD26-0014

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COLORADO LICENSED
MARTIN RAY MARTINEZ
PROFESSIONAL ENGINEER
07/29/2026

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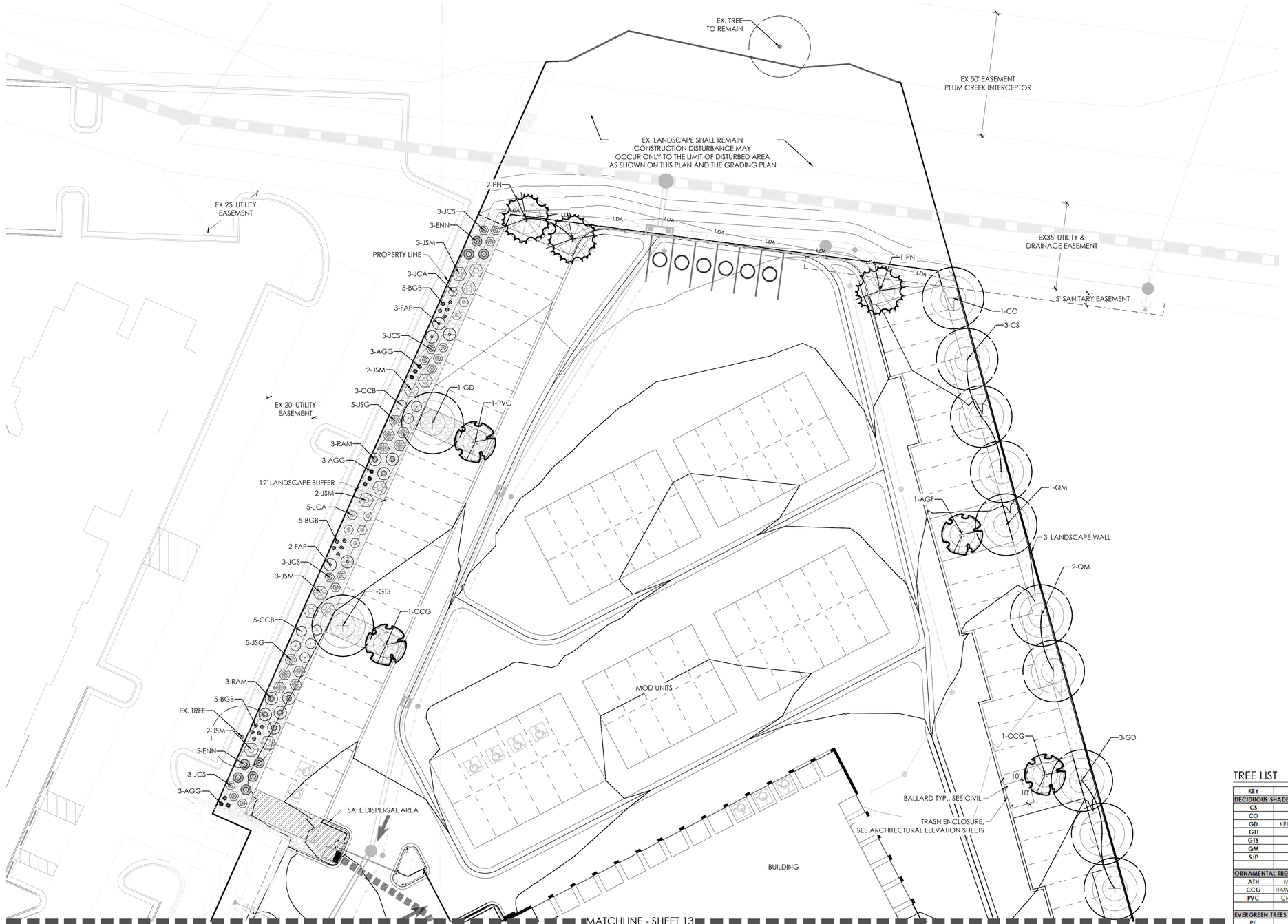
CASTLE ROCK, COLORADO

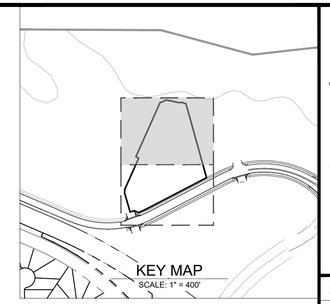
CONSTRUCTION DOCUMENTS
OVERALL LANDSCAPE PLAN

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14 OF 30

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LEGEND

- DECIDUOUS TREE
- EXISTING TREE TO REMAIN
- EVERGREEN TREE
- ORNAMENTAL TREE
- CANOPY DIAMETER (5 YR / 7 YR)
- STEEL EDGER
- LOW GROW NATIVE SEED
- ROCK MULCH
- SHREDDED CEDAR MULCH
- PARKING SPACES
- CROSS SECTIONS
- LDA — LINE OF DISTURBANCE

PLANT LEGEND

EVERGREEN SHRUBS

JCA	JUNIPER, ARMSTONG
JCS	JUNIPER, SPARTAN
JHB	JUNIPER, BAR HARBOR
JSG	JUNIPER, GRAY GLEAM
JSM	JUNIPER, MOONGLOW

DECIDUOUS SHRUBS

ACL	LEADPLANT
CCB	SPIREA, BLUE MIST
ENN	RABBITBRUSH, DWARF BLUE
FAP	APACHE PLUME
KLW	WINTERFAT
PBP	CHERRY, CREEPING WESTERN SAND
RAM	CURRANT, YELLOW CURRANT
RTT	THREE LEAF SUMAC

PERNNIALS

AMY	YARROW, MOONSHINE
PMP	PIKES PEAK PENSTEMON

ORNAMENTAL GRASSES

AGG	BIG BLUESTEM GRASS
BGB	BLUE GRAMA GRASS
SHP	PRAIRIE DROPSEED

TREE LIST

KEY	COMMON NAME
DECIDUOUS SHADE TREES	
CS	CATALPA, WESTERN
CO	HACKBERRY, WESTERN
GD	KENTUCKY COFFEETREE, SEEDLESS
GTI	HONEYLOCUST, IMPERIAL
GTS	HONEYLOCUST, SKYLINE
QM	OAK, BUR
SJP	JAPANESE PAGODA TREE
ORNAMENTAL TREES	
ATH	MAPLE, TATARIAN, HOT WINGS
CCG	HAWTHORN, THORNLESS COCKSPUR
PVC	CHOKECHERRY, SUCKER PUNCH
EVERGREEN TREES	
PE	PINE, PINON
PN	PINE, AUSTRIAN
PP	PINE, PONDEROSA

Scale: 1"= 20'-0"

0 10 20 40 N

TOWN OF CASTLE ROCK APPROVAL

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Town of Castle Rock Colorado — DEVELOPMENT SERVICES APPROVED

By jkirkpatrick on 08/17/2026

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DEVELOPMENT SERVICES DATE

SARAH NATALE, PLA CO#843 CD26-0014

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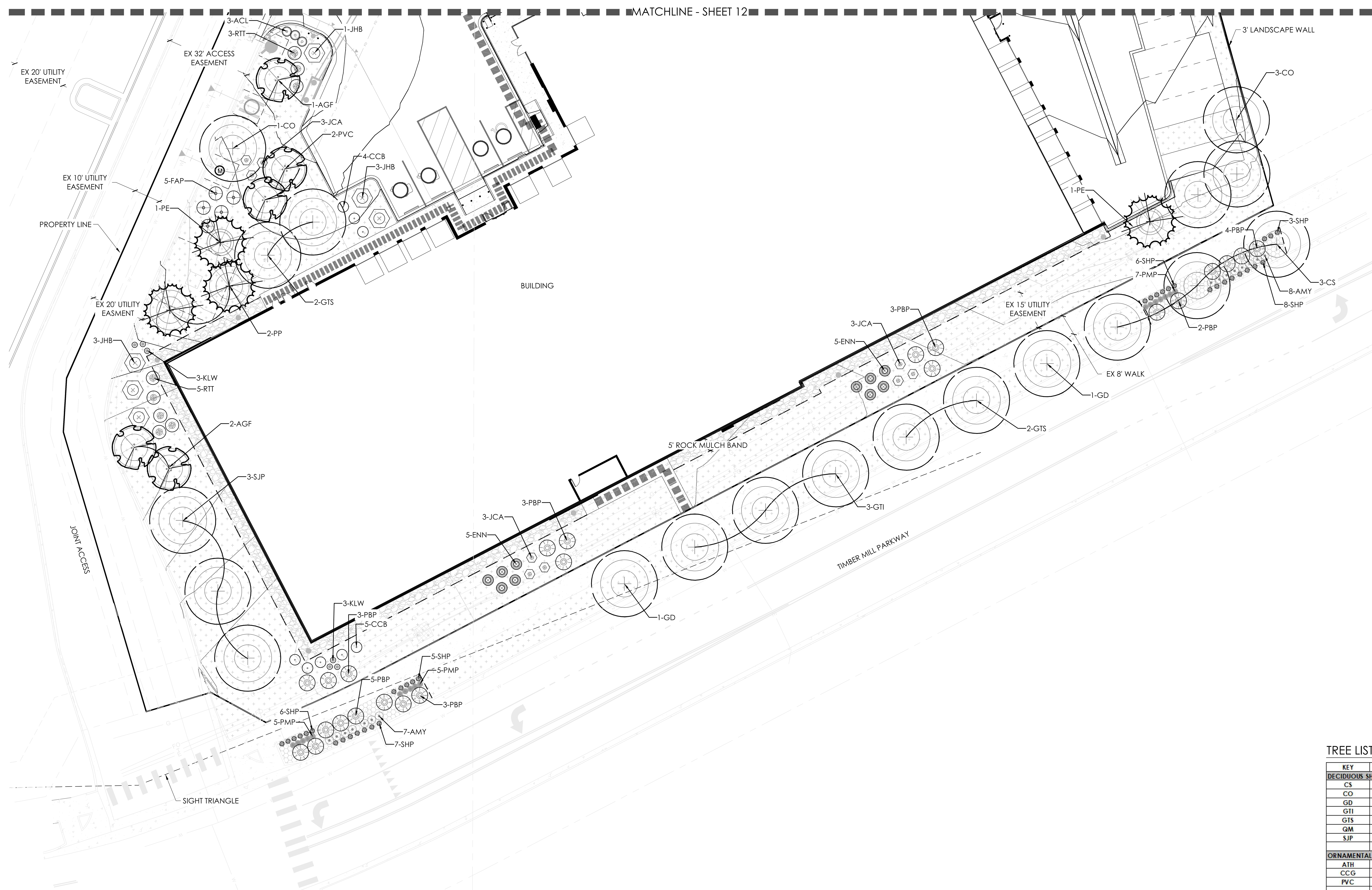
COLORADO LICENSED — SARAH NATALE — 41843 — 07/29/2026 — PROFESSIONAL ENGINEER

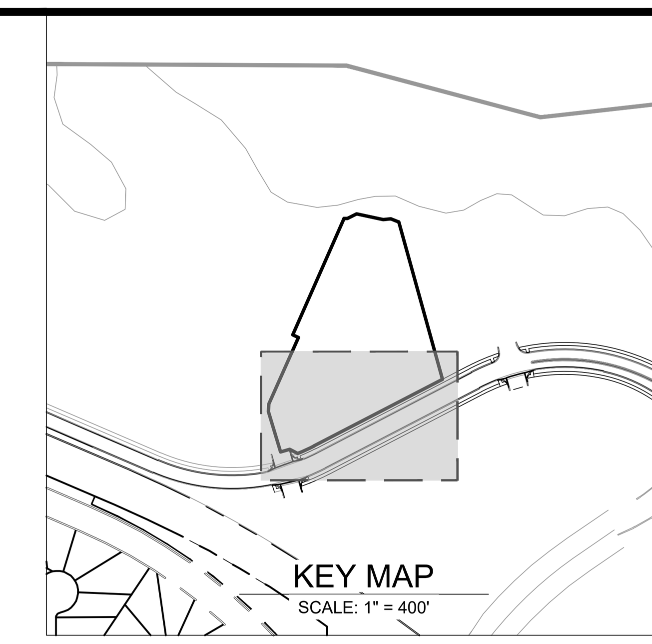
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
LANDSCAPE PLAN (1 OF 2)

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COLORADO LICENSED PROFESSIONAL ENGINEER
MARTIN RAY METSKER
41743
07/29/2026

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EVERGREEN TREES	
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PN	PINE, AUSTRIAN
PP	PINE, PONDEROSA

Scale: 1"= 20'-0"
0 10 20 40
N

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Town of CASTLE ROCK COLORADO

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APPROVED
By jkirkpatrick
on 08/17/2026
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SARAH NATALE, PLA CO#843 CD26-0014

DXD CASTLE ROCK STORAGE

CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
LANDSCAPE PLAN (2 OF 2)

Know what's **below.** **Call** before you dig. 811

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PLANT SCHEDULE

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	IRRIGATION ZONE
DECIDUOUS SHADE TREES						
6	CS	CATALPA SPECIOSA	CATALPA, WESTERN	2.5" CAL	B&B	VL - H
5	CO	CELTIS OCCIDENTALIS	HACKBERRY, WESTERN	2.5" CAL	B&B	L - M
6	GD	GYMNOCLADUS DIOICUS 'ESPRESSO'	KENTUCKY COFFEETREE, SEEDLESS	2.5" CAL	B&B	L - M
3	GTI	GLEDITSIA TRIACANTHOS INERMIS 'IMPERIAL'	HONEYLOCUST, IMPERIAL	2.5" CAL	B&B	L - M
5	GTS	GLEDITSIA TRIACANTHOS INERMIS 'SKYLINE'	HONEYLOCUST, SKYLINE	2.5" CAL	B&B	L - M
3	QM	QUERCUS MACROCARPA	OAK, BUR	2.5" CAL	B&B	L - M
3	SJP	SOPHORA JAPONICA	JAPANESE PAGODA TREE	2.5" CAL	B&B	L - M
31	TOTAL					
ORNAMENTAL TREES						
4	AGF	ACER GINNALA 'FLAME'	MAPLE, FLAME AMUR	6-8' MULTI	B&B	L - M
2	CCG	CRATAEGUS CRUS-GALLI INERMIS	HAWTHORN, COCKSPUR THORNLESS	6-8' MULTI	B&B	VL - L
3	PVC	PRUNIS VIRGINIANA 'CANADA RED' OR 'SCHUBERT'	CHOKECHERRY, CANADA RED OR SCHUBERT	6-8' MULTI	B&B	VL - L
9	TOTAL					
EVERGREEN TREES						
2	PE	PINUS EDULIS	PINE, PINON	6' HT.	B&B	VL
3	PN	PINUS NIGRA	PINE, AUSTRIAN	6' HT.	B&B	L
2	PP	PINUS PONDEROSA	PINE, PONDEROSA	6' HT.	B&B	VL-M
7	TOTAL					
EVERGREEN SHRUBS						
17	JCA	JUNIPERUS CHINENSIS 'ARMSTONGII'	JUNIPER, ARMSTONG	#5	CONT.	L
14	JCS	JUNIPERUS CHINENSIS 'SPARTAN'	JUNIPER, SPARTAN	#5	CONT.	VL - L
6	JHB	JUNIPERUS HORIZONTALIS 'BAR HARBOUR'	JUNIPER, BAR HARBOUR	#5	CONT.	VL - L
10	JSG	JUNIPERUS SCOPULORUM 'GRAY GLEAM'	JUNIPER, GRAY GLEAM	#7	CONT.	L
12	JSM	JUNIPERUS SCOPULORUM 'MOONGLOW'	JUNIPER, MOONGLOW	#7	CONT.	VL - L
59	TOTAL					
DECIDUOUS SHRUBS						
3	ACL	AMORPHA CANESCENS	LEADPLANT	#5	CONT.	VL - L
16	CCB	CARYOPTERIS X CLANDONENSIS 'BLUE MIST'	SPIREA, BLUE MIST	#5	CONT.	L - M
18	ENN	ERICAMERIA NAUSEOSA SSP. NAUSEOSA VAR. NAUSEOSA	RABBITBRUSH, DWARF BLUE	#5	CONT.	VL
10	FAP	FALLUGIA PARADOXA	APACHE PLUME	#5	CONT.	VL
6	KLW	KRASCHENINNIKOVIA LANATA	WINTERFAT	#5	CONT.	VL
23	PBP	PRUNUS BESSEYI 'PAWNEE BUTTES'	CHERRY, CREEPING WESTERN SAND	#5	CONT.	L - M
8	RAM	RIBES AUREUM	CURRANT, YELLOW CURRANT	#5	CONT.	VL - M
8	RTT	RHUS TRILOBATA	SUMAC, THREE-LEAF	#5	CONT.	VL - L
92	TOTAL					
PERNNIALS						
15	AMY	ACHILLEA MILLEFOLIUM 'MOONSHINE'	YARROW, MOONSHINE	#1	CONT.	VL - L
17	PMP	PENSTEMON MEXICALI	PIKES PEAK PENSTEMON	#1	CONT.	L
32	TOTAL					
ORNAMENTAL GRASSES						
9	AGG	ANDROPOGON GERARDII	BIG BLUESTEM GRASS	#1	CONT.	VL - L
15	BGB	BOUTELOUA GRACILIS	BLUE GRAMA GRASS	#1	CONT.	VL - L
35	SHP	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	#5	CONT.	L
59	TOTAL					

PBSI LOW GROW SEED MIX (TEMPORARY IRRIGATION)

LBS/ACRE	BOTANICAL NAME	COMMON NAME
GRASSES		
7.5	AGROPYRON CRISTATUM	EPHRAIM CRESTED WHEATGRASS
6.25	FESTUCA OVINA	SHEEP FESCUE
5	LOLIUM PERENNE	PERENNIAL RYE
3.75	FESTUCA RUBRA	CHEWINGS FESCUE
2.5	POA COMPRESSA	CANADA BLUEGRASS
TOTAL:25		
*ALWAYS INCLUDE THESE KEY SPECIES, MAINTAIN AT LEAST 25 LBS/ACRE RATE FOR MIX.		
**1/4 LBS MIN. PER SPECIES ORDER		

SHREDDED CEDAR MULCH

GORILLA HAIR
COLOR: NATURAL

NON-RESIDENTIAL SITE INVENTORY TABLE

GROSS SITE AREA	REQUIRED LANDSCAPE (10% OF THE GROSS SIT AREA)	EXISTING LANDSCAPE (IF APPICABLE)	PROVIDED LANDSCAPE AREA	REQUIRED TREES (2 trees / 1,000sqft)	PROVIDED TREES	REQUIRED SHRUBS (4 shrubs / 1,000sqft)	PROVIDED SHRUBS	SOIL PREP AMOUNTS (4 cu.yds. per 1000sqft)
171,974 SF	17,197 SF	0	27,759 SF	34	35	69	137	94
TURF GRASS AREA	REQUIRED LANDSCAPE COVERAGE PERCENTAGE (75% MINIMUM)	EXISTING LANDSCAPE (IF APPICALBLE)	PROVIDED LANDSCAPE COVERAGE AT MATURITY	REQUIRED NONLIVING ORNMENTAL PERCENTAGE (25% MAXIMUM)	PROVIDED NONLIVING ORNAMENMTAL AREA IN LANDSCAPE	REQUIRED LARGE CANOPYDECIDIOUS TREE (50% MINIMUM)	PROVIDED LARGE CANOPYDECIDUOUS SHADE TREE	SEPARATE IRRIGATION SERVICE CONNECTIONS
0	12,898 SF	0	20,826 SF	4,299 SF	13 SF	17	19	YES

STREETSCAPE TABLE*

STREET NAME	LINEAR FEET (LF)	REQUIRED STREET TREES (1 TREE PER 40 LF)	PROVIDED STREET TREES	REQUIRED STREET SHURBS (4 SHURBS PER REQUIRED TREE)	PROVIDED STREET SHURBS	PROVIDED STREET ORNAMENTAL (SIZE EQUIVALENT)**
TIMBER MILL PARKWAY	467 LF	12	12	48	14	35

*STREETSCAPE DOES NOT COUNT TOWARDS OVERALL SITE LANDSCAPE REQUIREMENTS

**SECTION 9.2.1 OF THE LANDSCAPE AND IRRIGATION CRITERIA MANUAL STATES THAT ONE (1) ORNMENTAL GRASS OF EQUAL SIZE AT PLANTING MAY BE SUBSITUTED FOR ONE (1) SHURB)

LANDSCAPE NOTES

1. LANDSCAPE AND IRRIGATION SHALL BE INSTALLED BY A TOWN OF CASTLE ROCK REGISTERED LANDSCAPE CONTRACT PROFESSIONAL.

2. INSTALLING CONTRACTOR SHALL CONTACT CASTLE ROCK WATER AT crgov.com/rlpresources.com TO SCHEDULE A PRE-CONSTRUCTION MEETING AND ALL SUBSEQUENT INSPECTIONS. THE PRE-CONSTRUCTION MEETING MUST OCCUR PRIOR TO THE COMMENCEMENT OF ANT LANDSCAPE AN IRRIGATION WORK.

3. SLOPES STEEPER THAN 3:1 ARE NOT PERMITTED ON LANDSCAPE PLANS IN THE TOWN OF CASTLE ROCK.

4. DISTANCE OF TREES TO WET UTILITY LINES SHOULD BE A MINIMUM OF TEN (10) FEET.

5. NO TREES, LARGE SHRUBS, OR PERMANENT STRUCTURES ARE ALLOWED IN WET UTILITY AND DRAINAGE EASEMENTS.

6. FINAL LANDSCAPE AREA, COVERAGE AND PLANT QUANTITIES SHALL MEET OR EXCEED QUANTITIES REPRESENTED IN THIS DRAWING AND SHALL CONFORM TO SUBSEQUENT SUBMITTAL REQUIREMENTS.

7. LOCATION OF PLANT MATERIALS ARE APPROXIMATED AND MAY CHANGE SLIGHTLY DUE TO UNFORESEEN FIELD CONSTRAINTS.

8. ALL PLANTS ARE TO BE PROPERLY HYDRO ZONED PER TOWN OF CASTLE ROCK PLANT LIST.

9. DISTANCE OF TREES TO WET UTILITY LINES SHOULD BE A MINIMUM OF 10 FEET.

10. DESIGN MUST ACCOMMODATE THE WATERING RESTRICTIONS AS OUTLINED IN THE TOWN OF CASTLE ROCK WATER USE MANAGEMENT PLAN (WUMP).

11. IF ANY TRANSFORMERS, GROUND-MOUNTED HVAC UNITS, UTILITY PEDESTALS, OR SIMILAR FEATURES EXIST ON SITE, BUT ARE NOT SHOWN ON THE SITE DEVELOPMENT PLAN, ADDITIONAL LANDSCAPING AND SCREENING MAY BE REQUIRED BASED UPON FIELD CONDITIONS DETERMINED DURING THE SITE INSPECTION. INSTALLATION WILL BE REQUIRED PRIOR TO THE FINAL INSPECTION AND THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, AS APPLICABLE.

12. NO TREES, LARGE SHRUBS, OR PERMANENT STRUCTURES ARE ALLOWED IN WET UTILITY AND DRAINAGE EASEMENTS.

13. NONLIVING LANDSCAPE MATERIAL SUCH AS ROCK, STONE, BARK CHIPS, AND SHAVINGS WHICH NO LONGER COVER THE AREA IN WHICH THEY WERE ORIGINALLY INSTALLED SHALL BE REGULARLY REPLENISHED TO MAINTAIN FULL COVERAGE TO A MINIMUM DEPTH OF TWO (2) INCHES FOR ROCK MULCH AND FOUR (4) INCHES FOR WOOD MULCH.

14. PLANTS AND VEGETATION UNDER THE TOWN OF CASTLE ROCK'?S PLANT LIST SHALL BE IN LINE WITH THE ADOPTED CWPP AND FIRE RESISTIVE VEGETATION FOR THE REGION TO MEET THE ADOPTED FIRE CODES BY THE TOWN OF CASTLE ROCK.

15. AN IRRIGATION PLAN IS REQUIRED WITH THE SUBMITTAL OF THE CONSTRUCTION DOCUMENTS.

16. DEAD PLANT MATERIALS SHALL BE REMOVED AND REPLACED WITH HEALTHY PLANTING MATERIALS OF COMPARABLE SIZE AND SPECIES THAT MEET THE ORIGINAL INTENT OF THE APPROVED LANDSCAPE DESIGN WITHIN FORTY-FIVE (45) DAYS OR SOONER IN THE EVENT OF A CONTAGIOUS DISEASE OR INVASIVE INSECT SPECIES. TOWN OF CASTLE ROCK IS NOT RESPONSIBLE FOR PLANT REPLACEMENTS.

CLWUR (COMPOSITE LANDSCAPE WATER USE RATING) CHART

Irrigation Spray or Drip?	Plant Name (Common)	Appl. Rate (inches/month)	Zone (VL,L,Mod,HW)	% of Total Area	IA Irrigated area (in sq. ft. for each zone)	LWUR Landscape Water Use Rating	TA Total Area of all Irrigated Landscape Zones	CLWUR (LWUR x IA) /TA
DRIP	SHURB BEDS	2	VL TO LOW	24%	7,659	2.5	32,223	0.594197998
SPRAY	NATIVE SEED	2	LOW	76%	24,564	2.5	32,223	1.905802002
						Total of the CLWUR		2.5

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:
DEVELOPMENT SERVICES APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
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DEVELOPMENT SERVICES DATE

SARAH NATALE, PLA CO#843 CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
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3	3RD SUBMITTAL	07/10/2026	MM

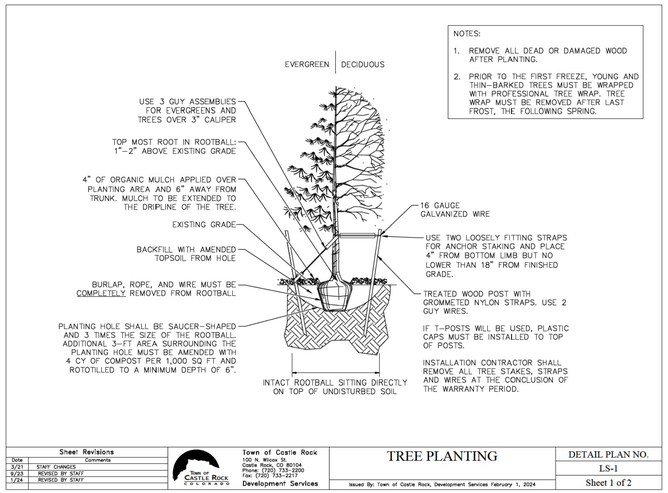
COLORADO LICENSED PROFESSIONAL ENGINEER
MARTIN RAY METSKER
41743
07/29/2026

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

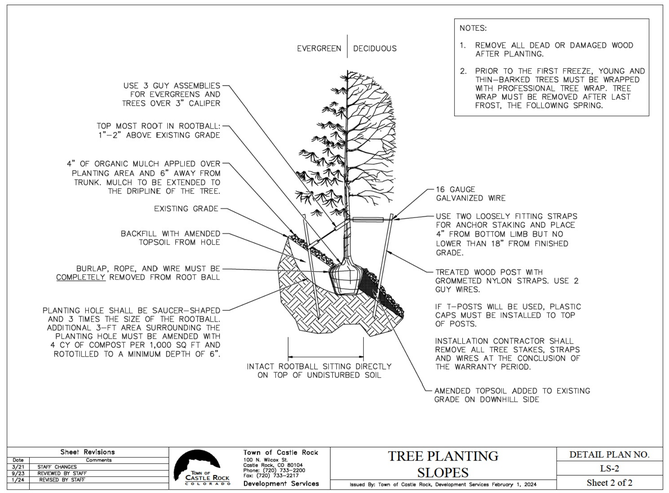
CONSTRUCTION DOCUMENTS
LANDSCAPE NOTES

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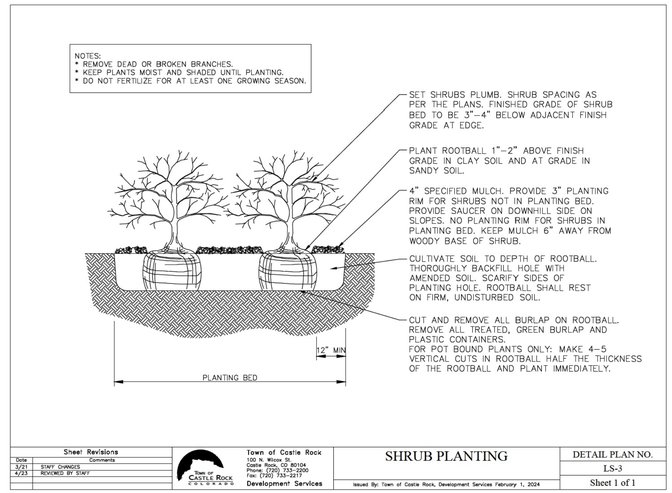
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1 TREE PLANTING



2 TREE PLANTING SLOPES



3 SHRUB PLANTING

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

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COLORADO LICENSED
RAY MARTIN
41244
07/29/2026
PROFESSIONAL ENGINEER

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
LANDSCAPE DETAILS

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SHEET
18 OF 30

TOWN OF CASTLE ROCK APPROVAL

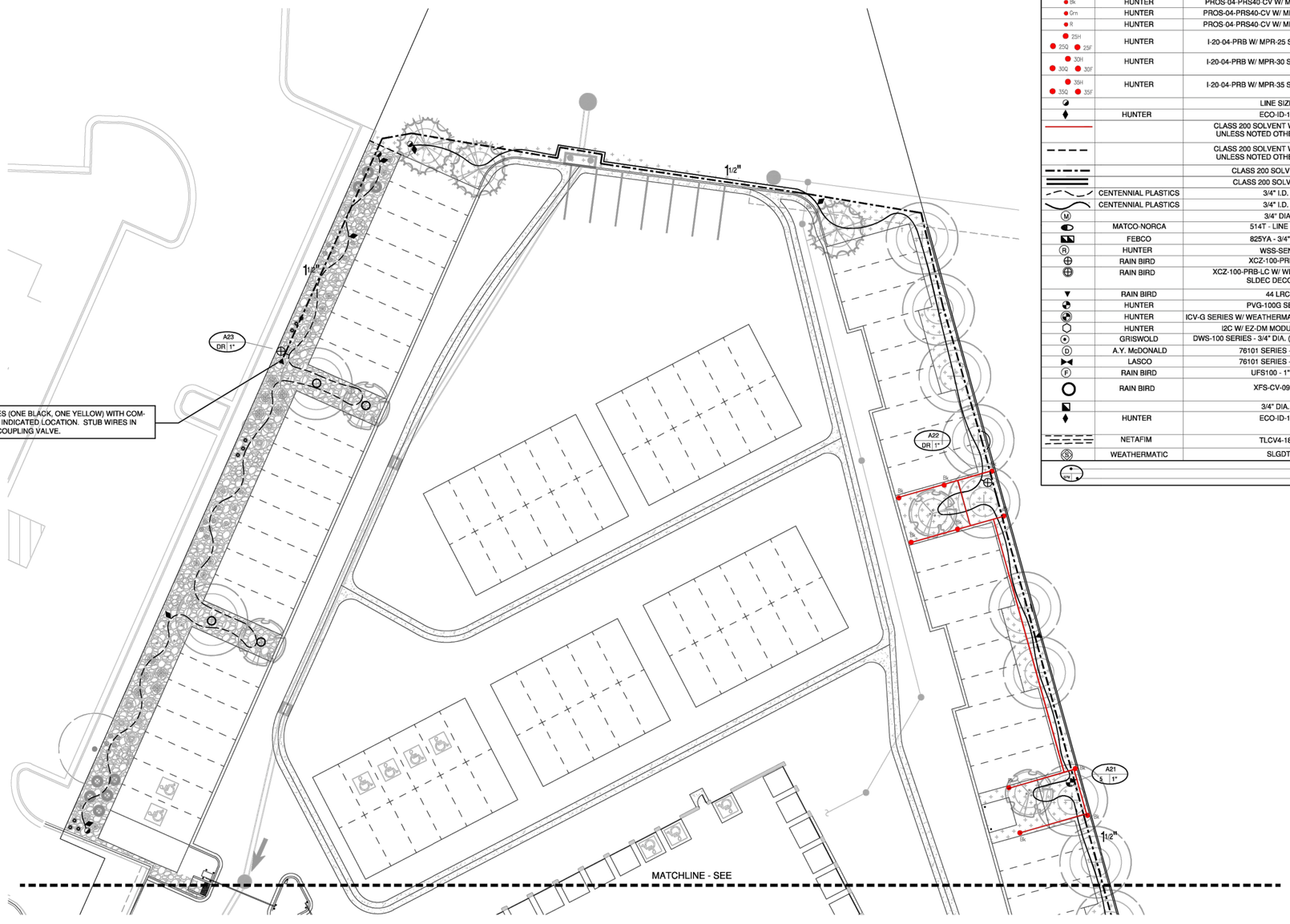
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Town of Castle Rock Colorado
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Dg	HUNTER	PROS-12-PRS40-CV W/ MP800SR-90 NOZZ.	HI-POP HEAD W/ ROTARY NOZZ.	-	BURED
Dr	HUNTER	PROS-04-PRS40-CV W/ MP800SR-90 NOZZ.	POP-UP HEAD W/ ROTARY NOZZ.	4	ON-GRADE INSTALL
M	HUNTER	PROS-04-PRS40-CV W/ MP1000-90 NOZZ.	POP-UP HEAD W/ ROTARY NOZZ.	4	ON-GRADE INSTALL
D	HUNTER	PROS-04-PRS40-CV W/ MP1000-360 NOZZ.	POP-UP HEAD W/ ROTARY NOZZ.	4	ON-GRADE INSTALL
Bk	HUNTER	PROS-04-PRS40-CV W/ MP2000-90 NOZZ.	POP-UP HEAD W/ ROTARY NOZZ.	4	ON-GRADE INSTALL
Grn	HUNTER	PROS-04-PRS40-CV W/ MP2000-210 NOZZ.	POP-UP HEAD W/ ROTARY NOZZ.	4	ON-GRADE INSTALL
R	HUNTER	PROS-04-PRS40-CV W/ MP2000-360 NOZZ.	POP-UP HEAD W/ ROTARY NOZZ.	4	ON-GRADE INSTALL
25H 25Q 25F	HUNTER	I-20-04-PRB W/ MPR-25 SERIES NOZZ.	GEAR DRIVEN ROTOR	4	ON-GRADE INSTALL RED NOZZLE
30H 30Q 30F	HUNTER	I-20-04-PRB W/ MPR-30 SERIES NOZZ.	GEAR DRIVEN ROTOR	4	ON-GRADE INSTALL GREEN NOZZLE
35H 35Q 35F	HUNTER	I-20-04-PRB W/ MPR-35 SERIES NOZZ.	GEAR DRIVEN ROTOR	4	ON-GRADE INSTALL TAN NOZZLE
		LINE SIZE	DRIP LINE BLOW-OUT STUB	16	
	HUNTER	ECO-ID-12	DRIP OPERATIONAL INDICATOR	16	
		CLASS 200 SOLVENT WELD - 1" DIA. UNLESS NOTED OTHERWISE	PVC LATERAL	5	TEMP. ON-GRADE INSTALL
		CLASS 200 SOLVENT WELD - 1" DIA. UNLESS NOTED OTHERWISE	PVC LATERAL	5	BURIED AT 12" DEPTH
		CLASS 200 SOLVENT WELD	PVC MAINLINE	12	
		CLASS 200 SOLVENT WELD	PVC SLEEVING		
	CENTENNIAL PLASTICS	3/4" I.D.	POLY DRIP TUBING (BEDS)	14	ON-GRADE INSTALL
	CENTENNIAL PLASTICS	3/4" I.D.	POLY DRIP TUBING	20	BURIED
M		3/4" DIA.	WATER METER	-	
	MATCO-NORCA	514T - LINE SIZE	GATE VALVE	8	
	FEBCO	825YA - 3/4" DIA.	BACKFLOW PREVENTER	2 & 3	
R	HUNTER	WSS-SEN	WIRELESS SOLAR SYNC SENSOR	19	
	RAIN BIRD	XCZ-100-PRB-LC	DRIP VALVE ASSEMBLY	13	HUNTER EZ-1 DECODER
	RAIN BIRD	XCZ-100-PRB-LC W/ WEATHERMATIC SLDEC DECODER	DRIP VALVE ASSEMBLY	13	
	RAIN BIRD	44 LRC	QUICK COUPLING VALVE	7	12
	HUNTER	PVG-100G SERIES	ELECTRIC CONTROL VALVE	11	W/ HUNTER EZ-1 DECODER
	HUNTER	ICV-G SERIES W/ WEATHERMATIC SLEC DECODER	ELECTRIC CONTROL VALVE	11	
	HUNTER	I2C W/ EZ-DM MODULE & WIFIKIT	ELECTRIC CONTROLLER	18	2-WIRE SYSTEM
	GRISWOLD	DWS-100 SERIES - 3/4" DIA. (NORMALLY CLOSED)	MASTER VALVE	1 &10	DIRECT-CONNECT
D	A.Y. McDONALD	76101 SERIES - 3/4" DIA.	MANUAL DRAIN VALVE	6	
	LASCO	76101 SERIES - 3/4" DIA.	SLO-CLOSE BALL VALVE	1	
F	RAIN BIRD	UFS100 - 1" DIA.	ULTRASONIC FLOW SENSOR	1 & 9	DIRECT CONNECT
	RAIN BIRD	XFS-CV-09-18	IN-LINE DRIP TREE RING	17	
		3/4" DIA.	IN-LINE DRIP START CONNECT.	21	
	HUNTER	ECO-ID-12	INTERMEDIATE DRIP OPERATIONAL INDICATOR	15	
	NETAFIM	TLCV4-18	IN-LINE DRIP TUBING	21 & 22	INSTALL ON SURFACE
S	WEATHERMATIC	SLGDT	TWO-WIRE SURGE ARRESTOR	24	

CONTROLLER & STATION NO.
CONTROL VALVE SIZE

Irrigation Construction Notes

1. ALL BASE INFORMATION HAS BEEN TAKEN FROM DRAWINGS PREPARED BY TERRACINA DESIGN.
2. REFER TO TECHNICAL SPECIFICATIONS AND CONSTRUCTION DETAILS FOR INSTALLATION PROCEDURES.
3. CONTRACTOR SHALL FIELD VERIFY PRESSURE AT BACKFLOW PREVENTER LOCATION FOR EACH TAP PRIOR TO ORDERING MATERIALS OR STARTING ANY IRRIGATION INSTALLATION AND NOTIFY CONSULTANT OF ANY DIFFERENCES FROM STATED PRESSURE. IF CONTRACTOR FAILS TO NOTIFY CONSULTANT HE ASSUMES FULL RESPONSIBILITY FOR ANY SYSTEM ALTERATIONS. SYSTEM HAS BEEN DESIGNED FOR A STATIC PRESSURE OF 90 PSI (PER CASTLE ROCK WATER).

TAP LOCATION/NUMBER	REQUIRED PRESSURE
1	69 PSI

4. CONTRACTOR SHALL COORDINATE INSTALLATION OF SLEEVING WITH INSTALLATION OF CONCRETE FLATWORK AND PAVING. ALL SLEEVING IS BY CONTRACTOR UNLESS OTHERWISE NOTED. UNLESS NOTED OTHERWISE ON IRRIGATION PLANS INSTALL SLEEVING BASED ON SLEEVE SIZING GUIDE BELOW:

PIPE SIZE OR WIRE QUANTITY	REQUIRED SLEEVE
3/4" - 1" PIPING	1-2" PVC SLEEVE
1-1/2" - 2" PIPING	1-4" PVC SLEEVE
1-25 CONTROL WIRES	1-2" PVC SLEEVE

NOTE: EACH LENGTH OF SLEEVED PIPE SHOWN SHALL BE ROUTED THROUGH SEPARATE SLEEVE. IRRIGATION WIRE BUNDLE SHALL BE ROUTED IN SEPARATE SLEEVE/CONDUIT WITHOUT IRRIGATION PIPING

5. REFER TO PLANTING PLAN FOR EXACT TREE LOCATIONS AND QUANTITIES, TREES SHOWN ON IRRIGATION PLANS ARE APPROXIMATE.
6. CONTRACTOR SHALL REPAIR OF REPLACE ANY EXISTING IRRIGATION EQUIPMENT, TURF, PLANT MATERIAL OR SITE FEATURES DAMAGED DURING NEW INSTALLATION. REPLACEMENT OR REPAIR OF DAMAGED EQUIPMENT OR MATERIAL SHALL BE DETERMINED BY THE OWNER AND THE CONSULTANT.
7. VALVE BOXES SHALL BE LOCATED 36" MINIMUM FROM CENTERLINE OF ALL SWALES, 24" MINIMUM FROM EDGES OF ALL WALKS, CURBS, DRIVES AND OTHER HARD SURFACE AREAS.
8. REFER TO IRRIGATION TECHNICAL SPECIFICATIONS FOR PLANTING AND IRRIGATION LAY-OUT REQUIREMENTS, COORDINATION AND PRIORITIES.
9. LATERAL PIPING DIAMETERS SHALL INCLUDE 1". 3/4" AND 1 1/4" DIAMETER LATERAL PIPE IS NOT ACCEPTABLE.
10. EXTEND TWO 14 GA. WIRES (ONE BLUE/ONE RED) FROM CONTROLLER TO ALL VALVE DECODERS LOCATED IN VALVE BOXES

Avocet IRRIGATION DESIGN
11757 W. KEN CARYL AVE., SUITE F-508
LITTLETON, COLORADO 80127
303-562-5698
avocet@wispertel.net

SCALE 1" = 20'
0 10 20 40
NORTH

TOWN OF CASTLE ROCK APPROVAL

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APPROVED BY:
Town of Castle Rock COLORADO
DEVELOPMENT SERVICES APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
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DEVELOPMENT SERVICES DATE

DESIGN PREPARED BY: DAVID ZICKERMAN 15-1032 CD26-0014

terracina design
10200 E. Girard Ave. A-314
Denver, CO 80231
ph: 303.632.8867

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COLORADO LICENSED PROFESSIONAL ENGINEER
07/29/2026

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
IRRIGATION PLAN (1 OF 8)

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SHEET 19 OF 30

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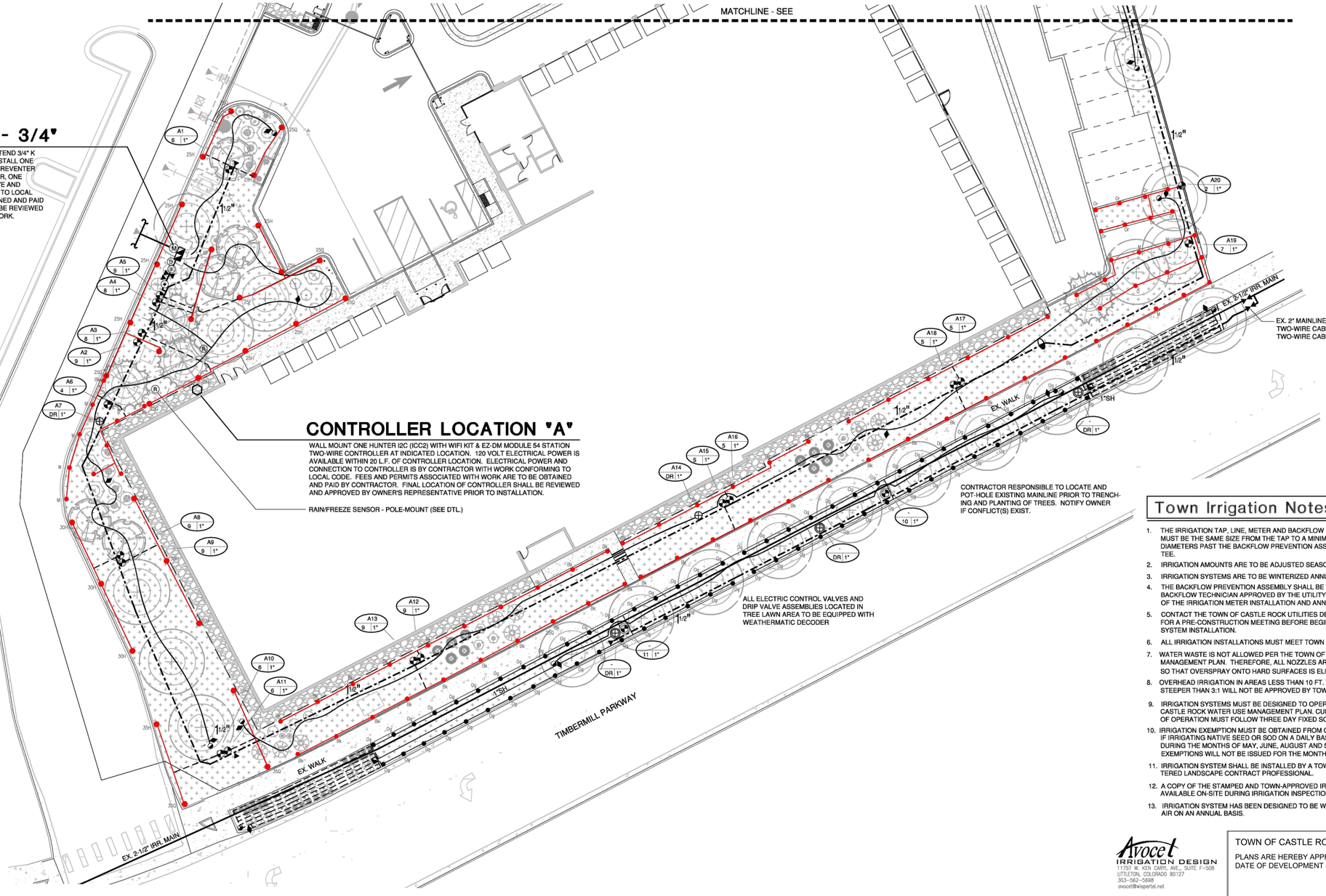
POINT OF CONNECTION - 3/4"

TIE ONTO 3/4" IRRIGATION WATER METER AT INDICATED LOCATION. EXTEND 3/4" K SOFT COPPER AT 54" DEPTH TO BACKFLOW PREVENTER LOCATION. INSTALL ONE 3/4" STOP & WASTE VALVE, ONE 3/4" REDUCED PRESSURE BACKFLOW PREVENTER AND ENCLOSURE, ONE 3/4" MANUAL DRAIN VALVE, ONE 1" FLOW SENSOR, ONE 1"ISOLATION VALVE, ONE QUICK COUPLING VALVE, ONE 1 MASTER VALVE AND EXTEND CLASS 200 PVC MAINLINE AS SHOWN. WORK SHALL CONFORM TO LOCAL CODE. FEES AND PERMITS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID BY CONTRACTOR. FINAL LOCATION OF BACKFLOW PREVENTER SHALL BE REVIEWED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO START OF WORK.

CONTROLLER LOCATION "A"

WALL MOUNT ONE HUNTER I2C (ICC2) WITH WIFI KIT & EZ-DM MODULE 54 STATION TWO-WIRE CONTROLLER AT INDICATED LOCATION. 120 VOLT ELECTRICAL POWER IS AVAILABLE WITHIN 20 L.F. OF CONTROLLER LOCATION. ELECTRICAL POWER AND CONNECTION TO CONTROLLER IS BY CONTRACTOR WITH WORK CONFORMING TO LOCAL CODE. FEES AND PERMITS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID BY CONTRACTOR. FINAL LOCATION OF CONTROLLER SHALL BE REVIEWED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

RAIN/FREEZE SENSOR - POLE-MOUNT (SEE DTL.)



SCALE 1" = 20'

0 10 20 40

NORTH

Town Irrigation Notes

1. THE IRRIGATION TAP, LINE, METER AND BACKFLOW PREVENTION ASSEMBLY MUST BE THE SAME SIZE FROM THE TAP TO A MINIMUM DISTANCE OF 10 PIPE DIAMETERS PAST THE BACKFLOW PREVENTION ASSEMBLY AND WINTERIZATION TEE.
2. IRRIGATION AMOUNTS ARE TO BE ADJUSTED SEASONALLY.
3. IRRIGATION SYSTEMS ARE TO BE WINTERIZED ANNUALLY IN THE FALL.
4. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE TESTED BY A CERTIFIED BACKFLOW TECHNICIAN APPROVED BY THE UTILITY DEPT. WITHIN 10 DAYS OF THE IRRIGATION METER INSTALLATION AND ANNUALLY THEREAFTER.
5. CONTACT THE TOWN OF CASTLE ROCK UTILITIES DEPARTMENT AT 720-733-6017 FOR A PRE-CONSTRUCTION MEETING BEFORE BEGINNING THE IRRIGATION SYSTEM INSTALLATION.
6. ALL IRRIGATION INSTALLATIONS MUST MEET TOWN OF CASTLE ROCK DETAILS.
7. WATER WASTE IS NOT ALLOWED PER THE TOWN OF CASTLE ROCK'S WATER USE MANAGEMENT PLAN. THEREFORE, ALL NOZZLES ARE TO BE FINE TUNED/ADJUSTED SO THAT OVERSPRAY ONTO HARD SURFACES IS ELIMINATED
8. OVERHEAD IRRIGATION IN AREAS LESS THAN 10 FT. WIDTH OR INSTALLED ON SLOPES STEEPER THAN 3:1 WILL NOT BE APPROVED BY TOWN OF CASTLE ROCK INSPECTORS
9. IRRIGATION SYSTEMS MUST BE DESIGNED TO OPERATE WITHIN THE TOWN OF CASTLE ROCK WATER USE MANAGEMENT PLAN. CURRENT COMMERCIAL HOURS OF OPERATION MUST FOLLOW THREE DAY FIXED SCHEDULE FROM 12 A.M. TO 8 A.M.
10. IRRIGATION EXEMPTION MUST BE OBTAINED FROM CASTLE ROCK WATER DEPT. IF IRRIGATING NATIVE SEED OR SOD ON A DAILY BASIS FOR ESTABLISHMENT DURING THE MONTHS OF MAY, JUNE, AUGUST AND SEPTEMBER. IRRIGATION EXEMPTIONS WILL NOT BE ISSUED FOR THE MONTH OF JULY.
11. IRRIGATION SYSTEM SHALL BE INSTALLED BY A TOWN OF CASTLE ROCK REGISTERED LANDSCAPE CONTRACT PROFESSIONAL.
12. A COPY OF THE STAMPED AND TOWN-APPROVED IRRIGATION PLANS IS TO BE AVAILABLE ON-SITE DURING IRRIGATION INSPECTIONS
13. IRRIGATION SYSTEM HAS BEEN DESIGNED TO BE WINTERIZED USING COMPRESSED AIR ON AN ANNUAL BASIS.

Avocet IRRIGATION DESIGN
11757 W. KEN CARYL AVE., SUITE F-508
LITTLETON, COLORADO 80127
303-562-5698
avocet@wispertel.net

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APPROVED BY:

Town of Castle Rock Colorado — DEVELOPMENT SERVICES APPROVED

By jkirkpatrick on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
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DEVELOPMENT SERVICES DATE

DESIGN PREPARED BY: DAVID ZICKERMAN 15-1032 CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

COLORADO LICENSED PROFESSIONAL ENGINEER — 07/29/2026

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
IRRIGATION PLAN (2 OF 8)

SHEET 20 OF 30

7/29/2026 9:56 AM X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00- OVERALL\DS IRRIGATION PLAN - DXD.DWG 02

WATER SCHEDULING

Town of Castle Rock Colorado

IRRIGATION CHART

Registered Professional David Zickerman Registration # 15-1032 Date 6-10-26
Company Name __Avocet Irrigation Design Address
Phone 303-562-5698 Email avocet@wispertel.net Clock Make: Rain Bird ESP-2WIRE

r Circle r Diamond r Square

Zone	Hydrozone Very Low <5" Low 5-10" Medium 10-15" High >15"	Plant Type (Turf, Native, Shrubs, Perennials, Trees, Annuals, etc.)	Head Type (Rotors, Sprays, Bubblers, Drip, SDI, etc.)	Nozzle (Nozzle/ Emitter size)	App. Rate (inches/hour)	GPM (Per Zone)	Inches/Month (Peak not to exceed 6"/month or 1.5"/week)	Run Time (Minutes/ Month)	Run Time (Minutes Every Third Day)	Water Usage (Gallons per month)
Ex: 1	*High*	*Blue Grass*	*RB 1806 SAM PRS*	*15'*	*1.83*	*15*	*6*	*197*	*20*	*2951*
Ex: 2	*Low*	*Buffalo Grass*	*Hunter I-20*	*3*	*1.83*	*15*	*1*	*33*	*3*	*492*
A1	Low	Native Seed	Hunter I-20 Rotor	MPR 25 square	0.61	6	2	197	20	1180
A2	Low	Native Seed	Hunter I-20 Rotor	MPR 25 triangle	0.7	9	2	171	17	1543
A3	Low	Native Seed	Hunter I-20 Rotor	MPR 25 triangle	0.7	8	2	171	17	1371
A4	Low	Native Seed	Hunter I-20 Rotor	MPR 25 triangle	0.7	8	2	171	17	1371
A5	Low	Native Seed	Hunter I-20 Rotor	MPR 25 square	0.7	9	2	171	17	1543
A6	Low	Native Seed	MP Rotators	MP-2000 Triangle	0.47	4	2	255	26	1021
A7	Low	Trees/Shrubs	Drip	0.5 gph	1	4	2	120	12	480
A8	Low	Native Seed	Hunter I-20 Rotor	MPR 30 square	0.63	9	2	190	19	1714
A9	Low	Native Seed	Hunter I-20 Rotor	MPR 30 square	0.63	9	2	190	19	1714
A10	Low	Native Seed	Hunter I-20 Rotor	MPR 35 square	0.69	6	2	174	17	1043
A11	Low	Native Seed	Hunter I-20 Rotor	MPR 35 square	0.69	6	2	174	17	1043
A12	Low	Native Seed	MP Rotators	MP-2000 square	0.41	9	2	293	29	2634
A13	Low	Native Seed	MP Rotators	MP-2000 square	0.41	9	2	293	29	2634
A14	Low	Trees/Shrubs	Drip	0.5 gph	1	3	2	120	12	360
A15	Low	Native Seed	MP Rotators	MP2000 square	0.41	5	2	293	29	1463
A16	Low	Native Seed	MP Rotators	MP-2000 square	0.41	5	2	293	29	1463
A17	Low	Native Seed	MP Rotators	MP-2000 square	0.41	5	2	293	29	1463
A18	Low	Native Seed	MP Rotators	MP-2000 square	0.41	5	2	293	29	1463
A19	Low	Native Seed	MP Rotators	MP-1000 Triangle	0.48	7	2	250	25	1750
A20	Low	Native Seed	MP Rotators	MP-800SR square	0.81	2	2	148	15	296
A21	Low	Native Seed	MP Rotators	MP-2000 square	0.41	5	2	293	29	1463
A22	Low	Trees/Shrubs	Drip	1.0 gph	1	4	2	120	12	480
A23	Low	Trees/Shrubs	Drip	1.0 gph	1	4	2	120	12	480
							Totals	4793	479	29977
Total								**Min/Month**	**Min/cycle**	**Gallons/Month**

WATER BUDGET

TIMBERMILL PARKWAY "TREE LAWN" AREA NOT INCLUDED IN CALCULATIONS BELOW

Description	Irrigated Acres	Month	Application Rate (in./month)		Monthly water use (gallons)	
Irrigated Turf Grass		April	0.00		0	
		May	2.07		0	
		June	3.11		0	
	0.000	July	4.00		0	
		August	3.40		0	
		Sept.	2.22		0	
		Octobe	0.00		0	
annual sub-total			14.80	/yr	0	/yr
					0.00	acrefeet
Irrigated Shrub Beds		April	0.00		0	
		May	1.36		6,462	
		June	2.13		10,121	
	0.175	July	2.72		12,925	
		August	2.37		11,261	
		Sept.	1.42		6,747	
		Octobe	0.00		0	
annual sub-total			10.00	/yr	47,517	/yr
					0.15	acrefeet
Irrigated Native Grass		April	0.00		0	
		May	1.36		20,790	
		June	2.13		32,561	
	0.563	July	2.72		41,580	
		August	2.37		36,230	
		Sept.	1.42		21,707	
		Octobe	0.00		0	
annual sub-total			10.00	/yr	152,868	/yr
					0.47	acrefeet
Totals	**0.74**	**irrigated acres**			**200,385**	**gals/yr**
					0.15	**acrefeet/yr**

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COLORADO LICENSED PROFESSIONAL ENGINEER
MARTIN RAY METSKER
41743
07/29/2026

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
IRRIGATION PLAN (3 OF 8)

TOWN OF CASTLE ROCK APPROVAL

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APPROVED
By jkirkpatrick
on 08/17/2026
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Know what's **below.** **Call** before you dig.
811

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CD26-0014

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PRESSURE CALCULATIONS

FURTHEST ZONE

Irrigation System Hydraulic Worksheet

Project Name: DXD Storage **Date:** June 10, 2026
Project Location:

Prepared by: David Zickerman **Current TOCR Registration #** 15-1032
Controller "A" - zone A23

Tap Size 0.75 " **Source of Pressure** Town of Castle Rock Utilities
Static Water Pressure: 90 psi

Hydraulic Grade At Zone: **Company** Avocet Irrigation Design

		Ft. of Copper		Pipe Size (")		K Copper	Friction Loss (from chart)		Flow-GPM	Loss/Gain
Service Line to meter):	(tap	15	LF	0.75		K Copper	3.99	/100 FT	5	0.60
Water Meter:				0.75			0.30		5	0.30
Service Line (meter to backflow):		15	LF	0.75		K Copper	3.99	/100 FT	5	0.60
Backflow:		Febco 825YA		0.75			12		5	12.00
Master Valve:		Griswold DWS		3/4			2.9		5	2.90
Pressure Required at Head:		Drip Emitters								30
Lateral Allowance:										3.00
Control Valve Allowance:										5.00

Mainline Allowances:

Length of Mainline	Pipe Material	Size		Gals.			
1250	LF CL200BE	1.5"	"@	5	GPM	0.08 /100 FT	1.00
	LF CL200BE		"@	5	GPM-Looped	/100 FT	0.00

Elevation:
Tap elevation 6,023 High/Low: 6,020 -1.30

Green shading indicates required information you must provide

Total System requirements (PSI) ***54.10***

Available System Pressure (PSI) ***90.00***

Town of Castle Rock provides a minimum of 43 psi

Total irrigated area for tap # 1 ***is*** 32,223 ***sq. ft.***

Revised 6/10/2026

LARGEST ZONE

Irrigation System Hydraulic Worksheet

Project Name: DXD Storage **Date:** June 10, 2026
Project Location:

Prepared by: David Zickerman **Current TOCR Registration #** 15-1032
Controller "A" - zone A9

Tap Size 0.75 " **Source of Pressure** Town of Castle Rock Utilities
Static Water Pressure: 90 psi

Hydraulic Grade At Zone: **Company** Avocet Irrigation Design

		Ft. of Copper		Pipe Size (")		K Copper	Friction Loss (from chart)		Flow-GPM	Loss/Gain
Service Line to meter):	(tap	15	LF	0.75		K Copper	11.86	/100 FT	9	1.78
Water Meter:				0.75			1.30		9	1.30
Service Line (meter to backflow):		15	LF	0.75		K Copper	11.86	/100 FT	9	1.78
Backflow:		Febco 825YA		0.75			12		9	12.00
Master Valve:		Griswold DWS		3/4			2.9		9	2.90
Pressure Required at Head:		Hunter I-20 rotors								45
Lateral Allowance:										3.00
Control Valve Allowance:										1.80

Mainline Allowances:

Length of Mainline	Pipe Material	Size		Gals.			
130	LF CL200BE	1.5"	"@	9	GPM	0.18 /100 FT	0.23
	LF CL200BE		"@	9	GPM-Looped	/100 FT	0.00

Elevation:
Tap elevation 6,023 High/Low: 6,020 -1.30

Green shading indicates required information you must provide

Total System requirements (PSI) ***68.49***

Available System Pressure (PSI) ***90.00***

Town of Castle Rock provides a minimum of 43 psi

Total irrigated area for tap # 1 ***is*** 32,223 ***sq. ft.***

Revised 6/10/2026

DESIGN PREPARED BY: DAVID ZICKERMAN 15-1032

CD26-0014

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By jkirkpatrick
on 08/17/2026
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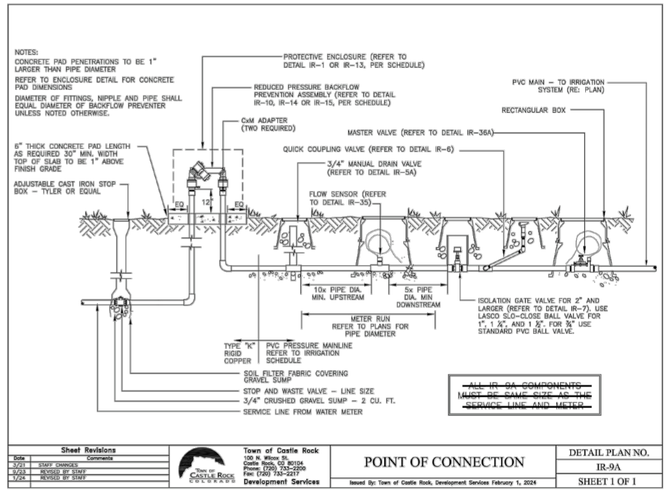
COLORADO LICENSED TIMOTHY RAY MCMAHON 41143 PROFESSIONAL ENGINEER
07/29/2026

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CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
IRRIGATION PLAN (4 OF 8)

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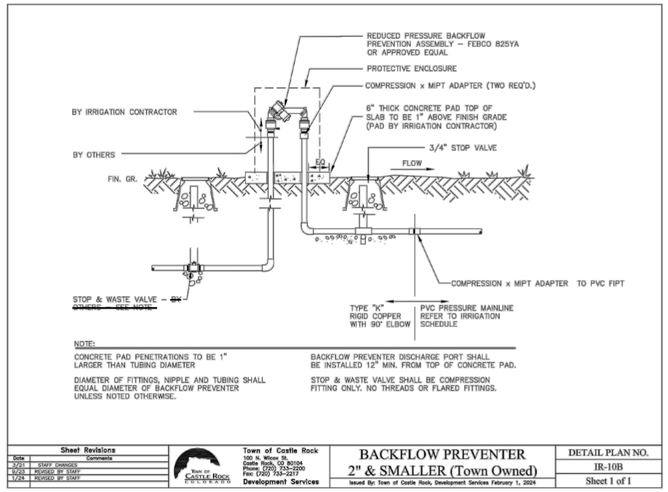
SHEET 22 OF 30

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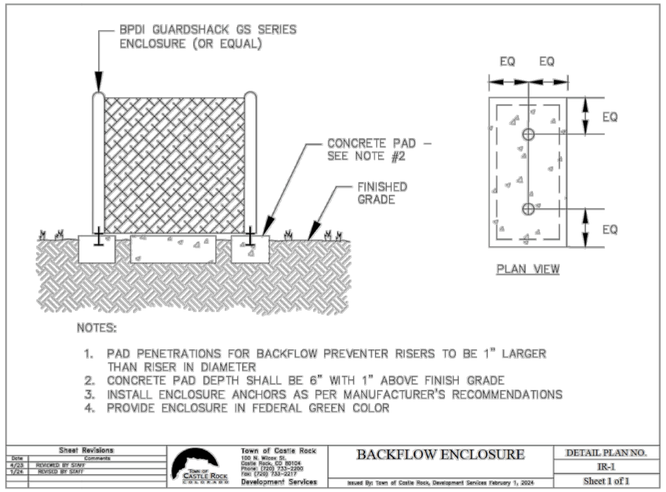
Sheet Revisions			Town of Castle Rock	POINT OF CONNECTION	DETAIL PLAN NO.
Date	Comments		100 N. Wilcox St. Castle Rock, CO 80104 Phone: (720) 733-2200 Fax: (720) 733-3217 Development Services	Issued By: Town of Castle Rock, Development Services February 1, 2024	IR-9A
5/23	STAFF CHANGES				SHEET 1 OF 1
6/23	REVISED BY STAFF				
1/24	REVISED BY STAFF				

POINT OF CONNECTION 1



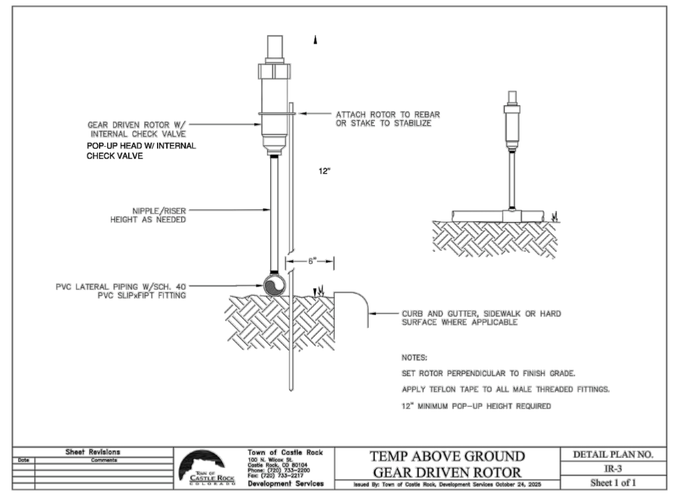
Sheet Revisions			Town of Castle Rock	BACKFLOW PREVENTER 2" & SMALLER (Town Owned)	DETAIL PLAN NO.
Date	Comments		100 N. Wilcox St. Castle Rock, CO 80104 Phone: (720) 733-2200 Fax: (720) 733-3217 Development Services	Issued By: Town of Castle Rock, Development Services February 1, 2024	IR-10B
5/23	STAFF CHANGES				Sheet 1 of 1
6/23	REVISED BY STAFF				
1/24	REVISED BY STAFF				

BACKFLOW PREVENTER 2



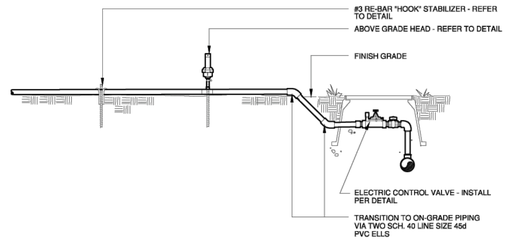
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Date	Comments		100 N. Wilcox St. Castle Rock, CO 80104 Phone: (720) 733-2200 Fax: (720) 733-3217 Development Services	Issued By: Town of Castle Rock, Development Services February 1, 2024	IR-1
4/23	REVISED BY STAFF				Sheet 1 of 1
1/24	REVISED BY STAFF				

BACKFLOW ENCLOSURE 3

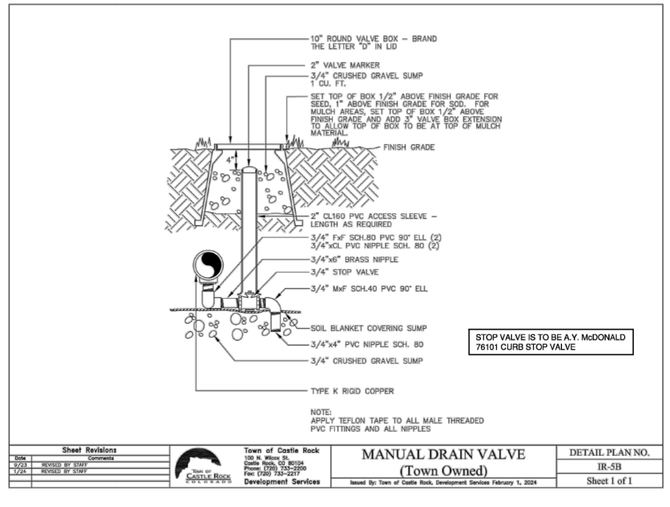


Sheet Revisions			Town of Castle Rock	TEMP ABOVE GROUND GEAR DRIVEN ROTOR	DETAIL PLAN NO.
Date	Comments		100 N. Wilcox St. Castle Rock, CO 80104 Phone: (720) 733-2200 Fax: (720) 733-3217 Development Services	Issued By: Town of Castle Rock, Development Services October 24, 2025	IR-3
					Sheet 1 of 1

ON-GRADE HEAD INSTALLATION 4



ON-GRADE LATERAL PIPING 5



Sheet Revisions			Town of Castle Rock	MANUAL DRAIN VALVE (Town Owned)	DETAIL PLAN NO.
Date	Comments		100 N. Wilcox St. Castle Rock, CO 80104 Phone: (720) 733-2200 Fax: (720) 733-3217 Development Services	Issued By: Town of Castle Rock, Development Services February 1, 2024	IR-5B
6/23	REVISED BY STAFF				Sheet 1 of 1
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MANUAL DRAIN VALVE 6

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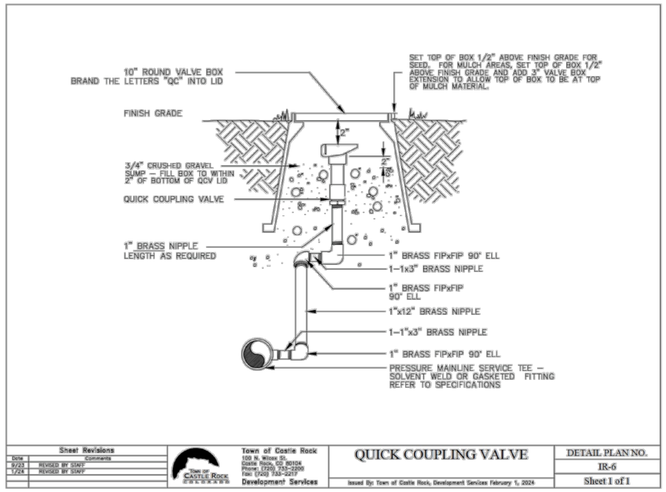
COLORADO LICENSED
DAVID ZICKERMAN
41141
07/29/2026
PROFESSIONAL ENGINEER

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CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
IRRIGATION PLAN (5 OF 8)

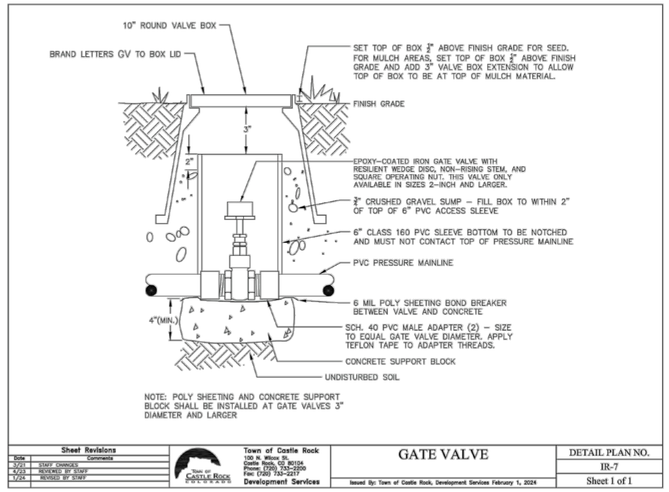
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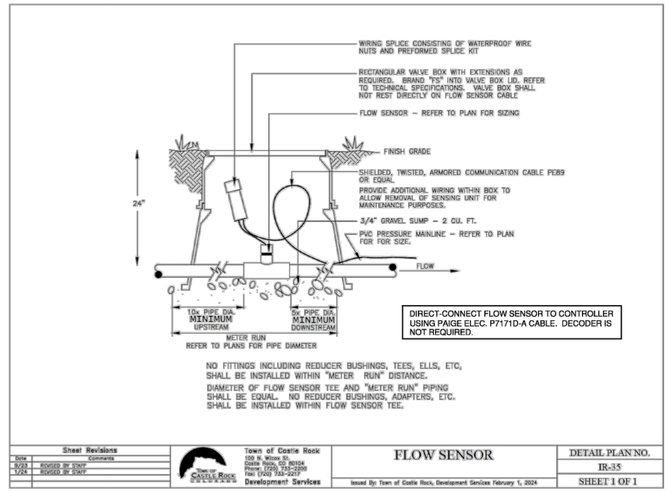
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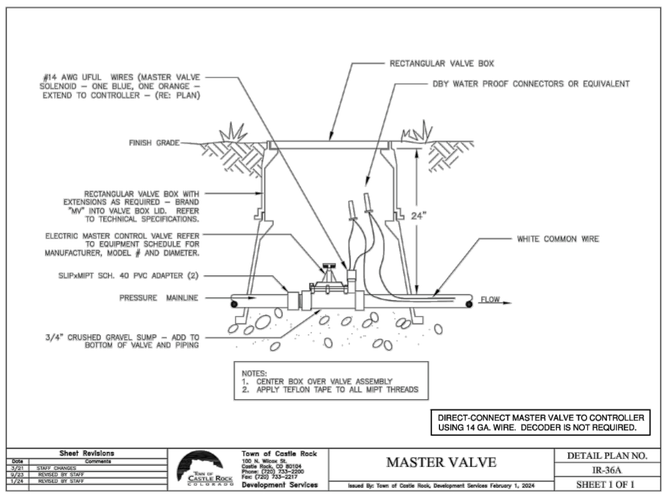
QUICK COUPLING VALVE 7



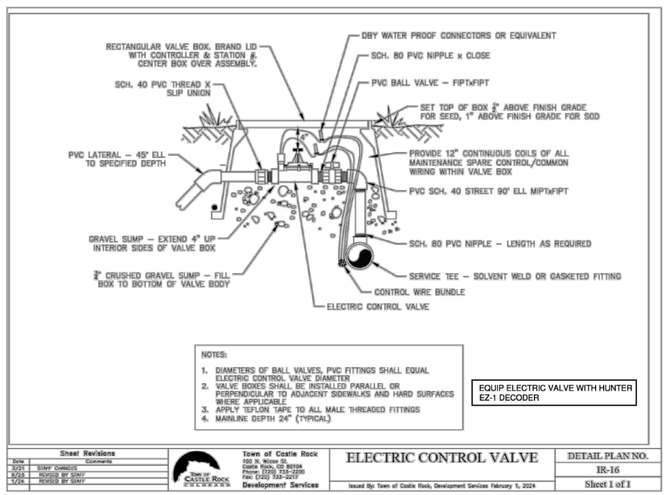
GATE VALVE 8



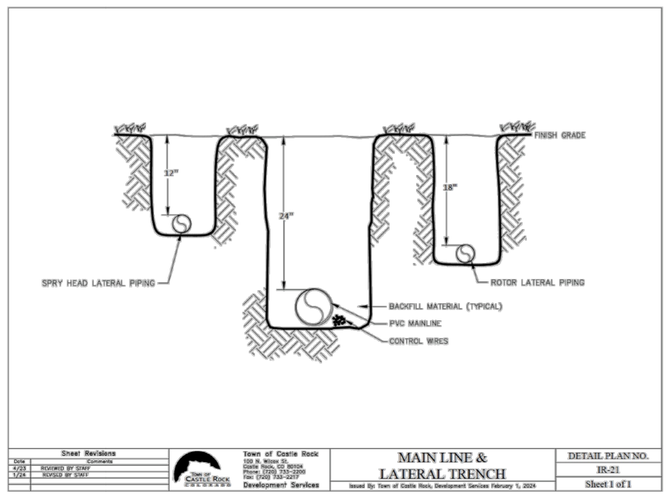
FLOW SENSOR 9



MASTER VALVE 10



ELECTRIC CONTROL VALVE 11



TRENCHES 12

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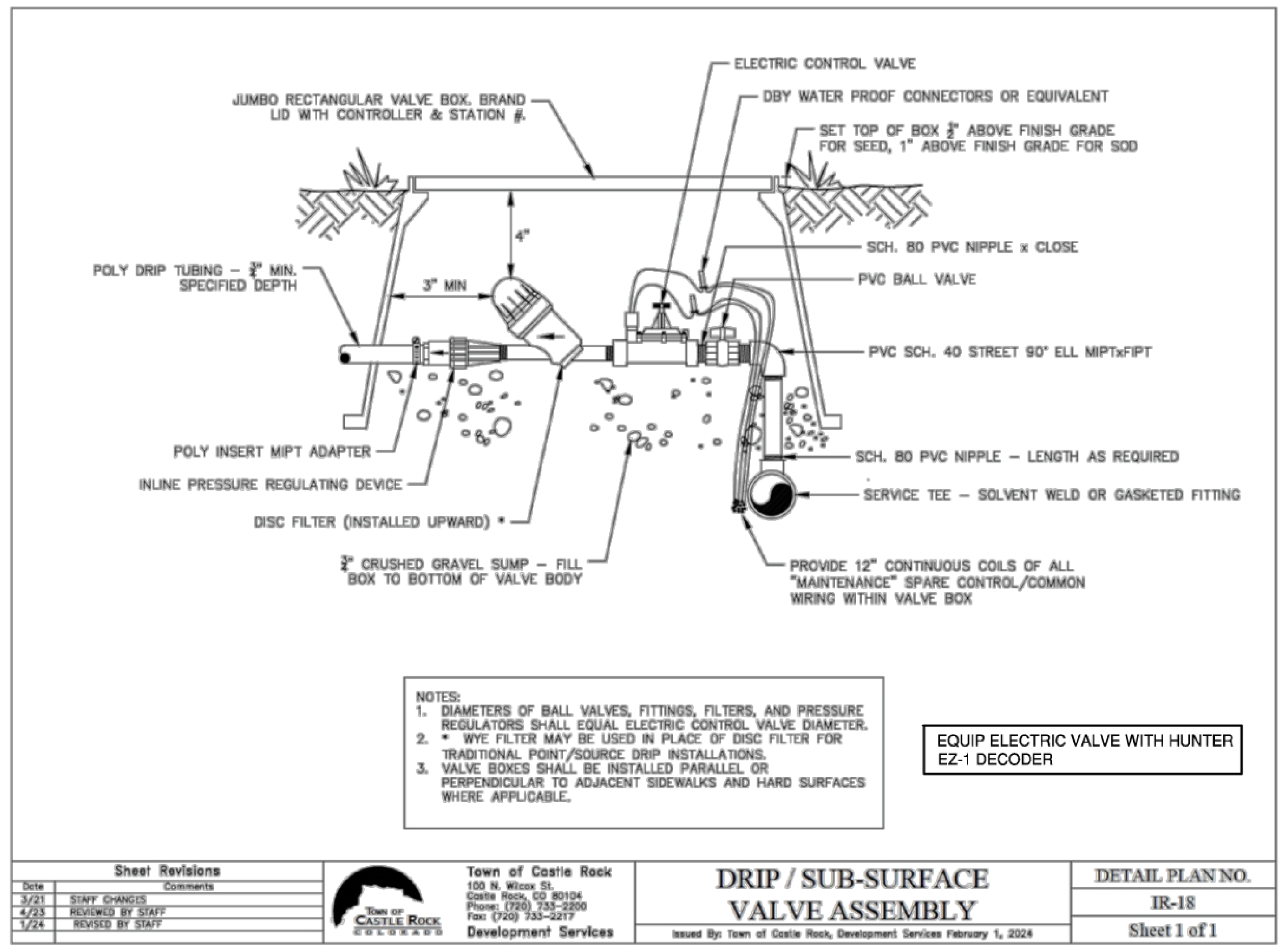
COLORADO LICENSED PROFESSIONAL ENGINEER
MATTHEW RAY
07/29/2026

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IRRIGATION PLAN (6 OF 8)

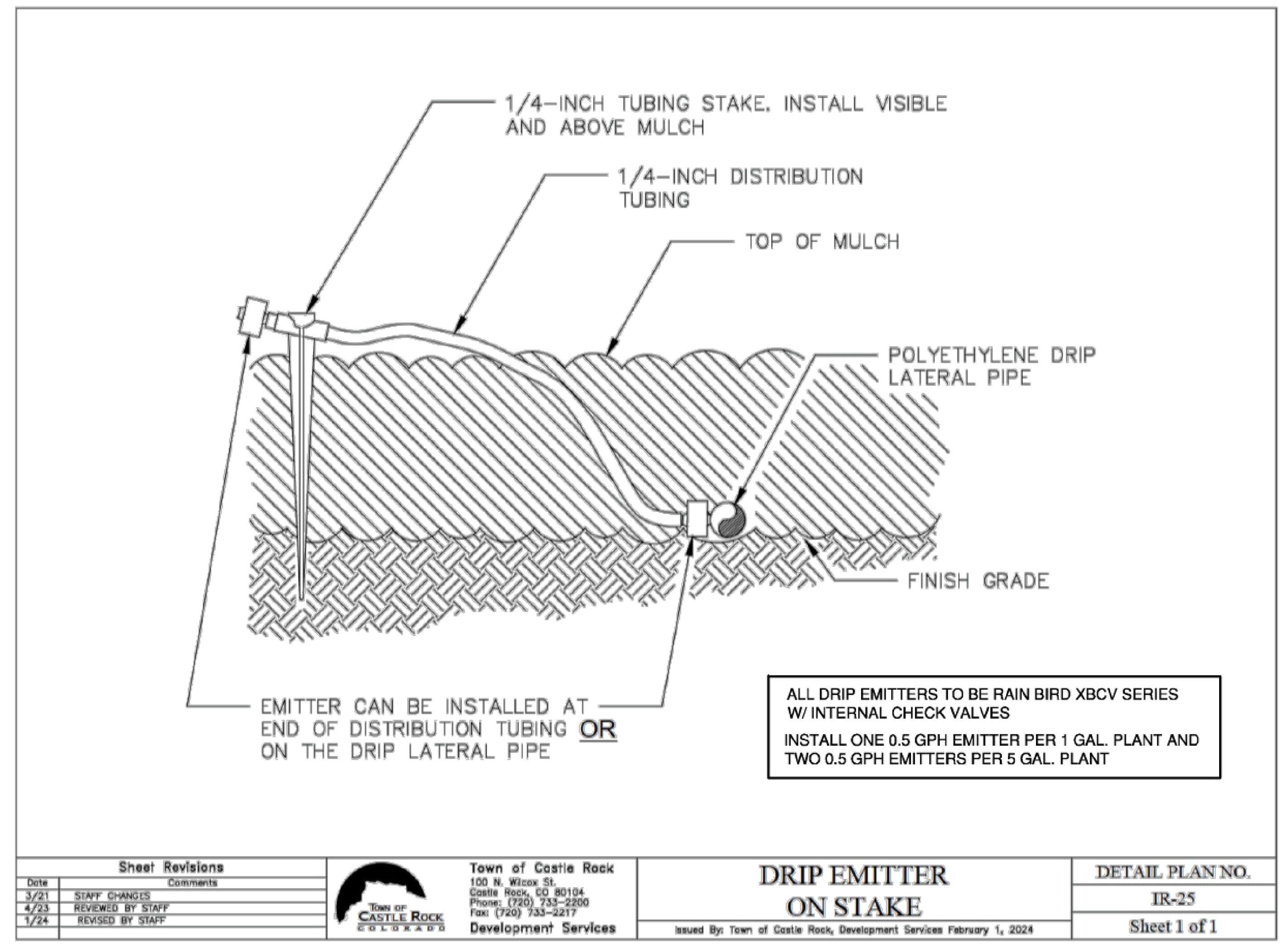
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SHEET 24 OF 30

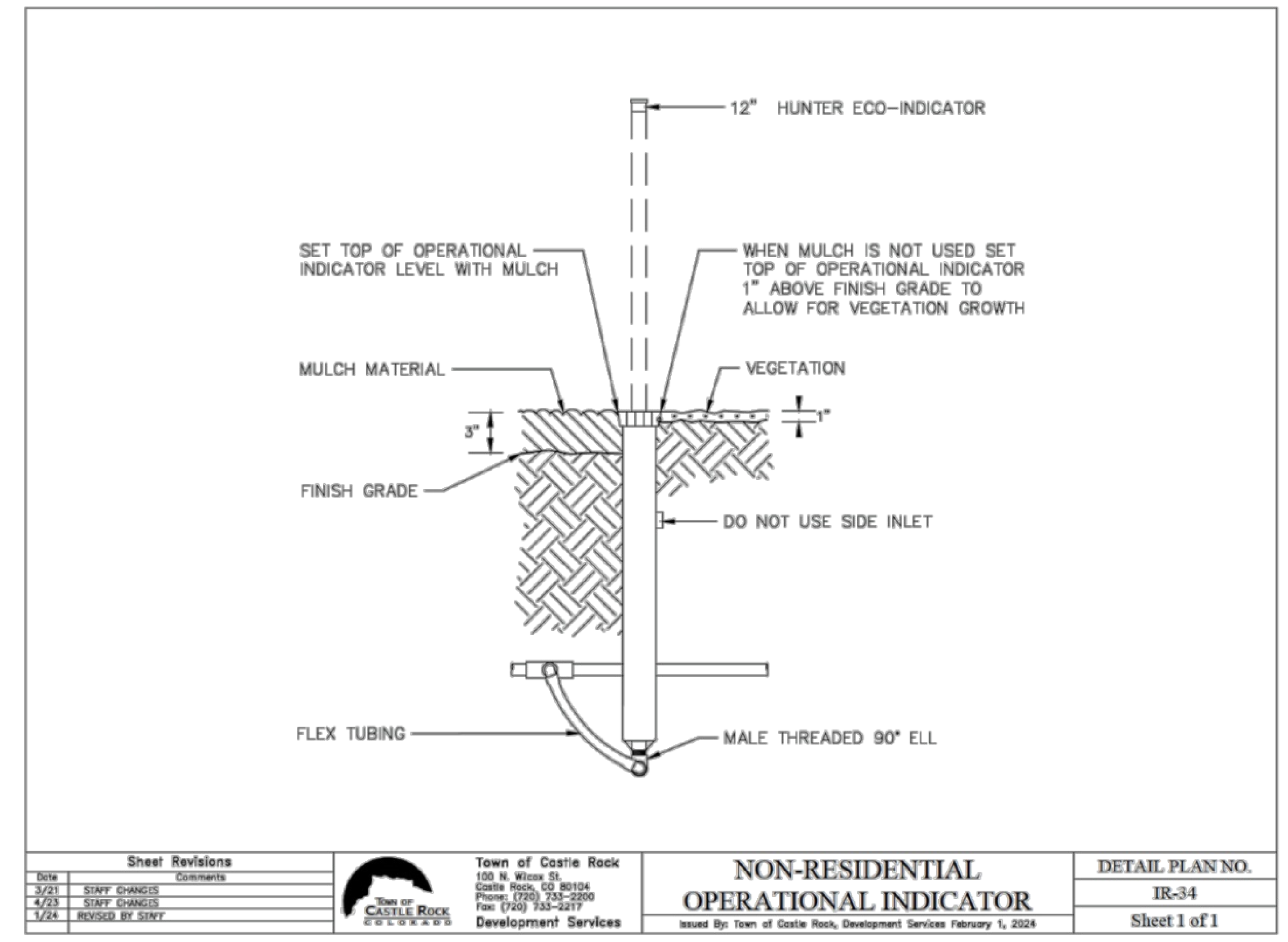
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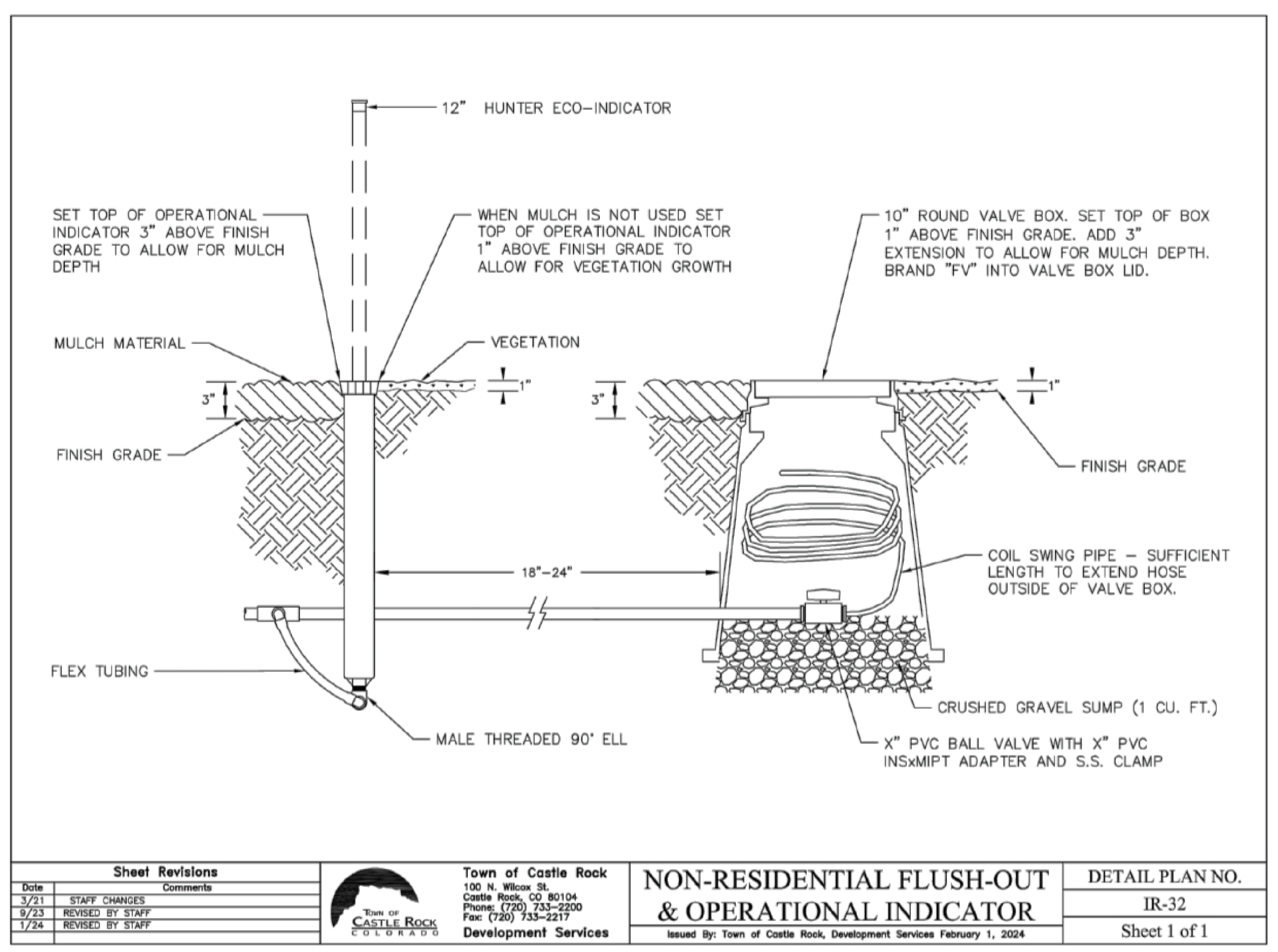
DRIP VALVE ASSEMBLY (13)



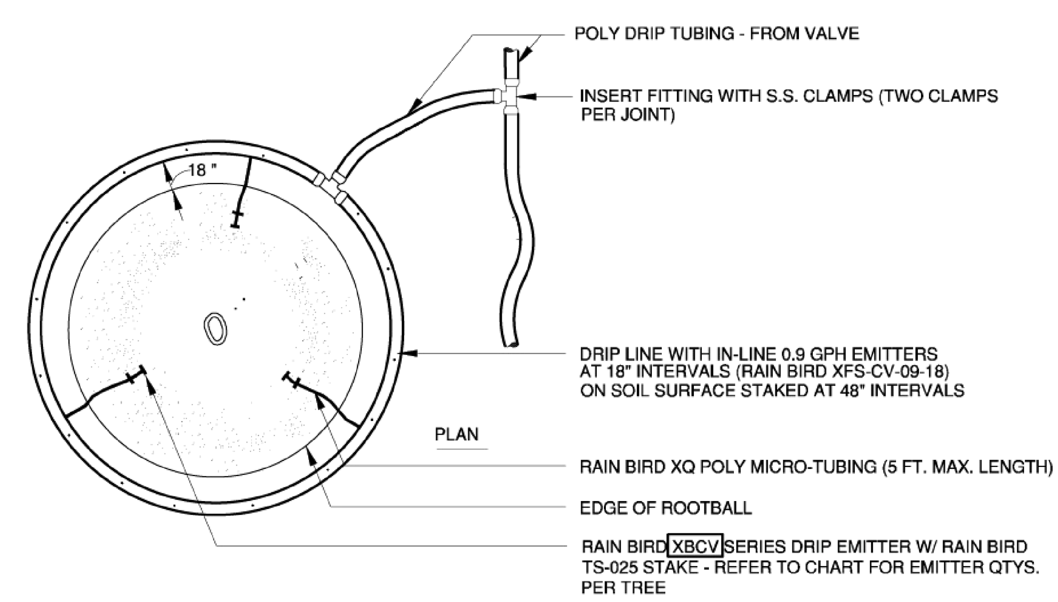
DRIP EMITTER - BEDS (14)



INTERMEDIATE OPERATIONAL INDICATOR (15)

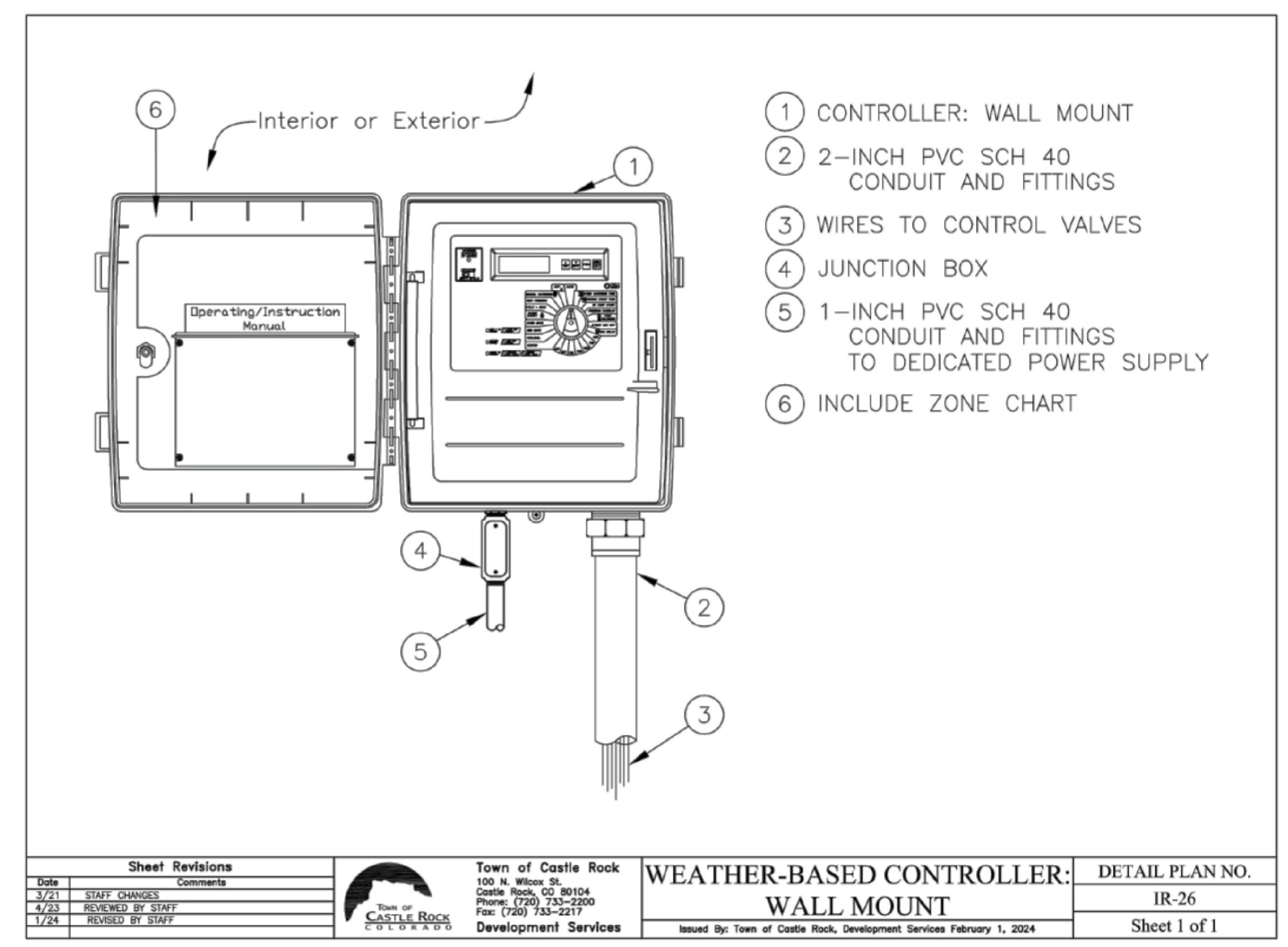


DRIP LINE FLUSH-OUT STUB and OPERATIONAL INDICATOR (16)



PLANT SIZE	EMITTER FLOW RATE	EMITTER QTY. AT MULCHED BED LOCATIONS
1 1/2" CALIPER TREE	1.0 GPH	THREE EACH
2" CALIPER TREE	1.0 GPH	FOUR EACH
2 1/2" CALIPER TREE	1.0 GPH	SIX EACH
6 FT. CONIFEROUS TREE	1.0 GPH	FOUR EACH
8 FT. CONIFEROUS TREE	1.0 GPH	SIX EACH

IN-LINE DRIP TREE RING (17)



CONTROLLER (18)

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COLORADO LICENSED PROFESSIONAL ENGINEER — MARTIN RAY METSKER 41743 — 07/29/2026

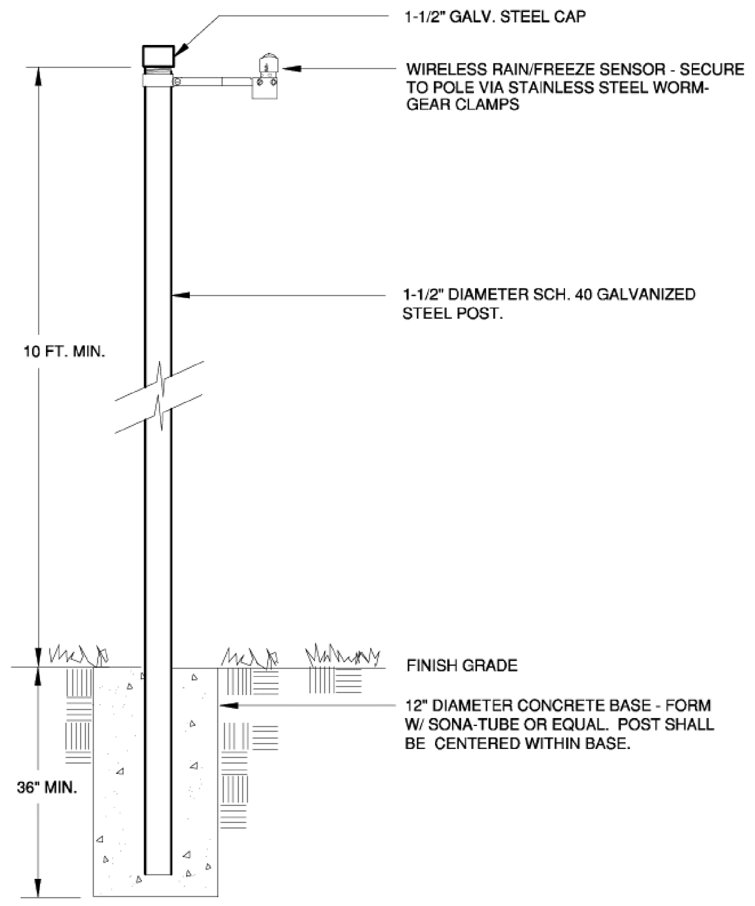
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
IRRIGATION PLAN (7 OF 8)

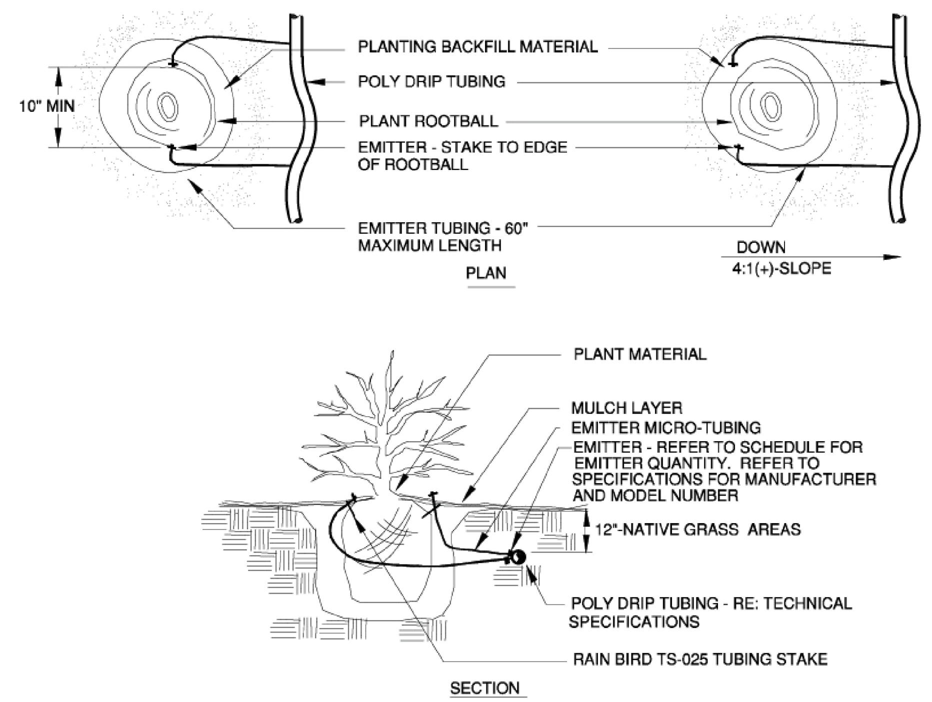
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RAIN/FREEZE SENSOR
19



PLANT SIZE	EMITTER FLOW RATE	EMITTER QTY. AT MULCHED BED LOCATIONS
1 GALLON MATERIAL	0.5 GPH	ONE EACH
5 GALLON MATERIAL	0.5 GPH	TWO EACH
1 1/2" CALIPER TREE	1.0 GPH	THREE EACH
2" CALIPER TREE	1.0 GPH	FOUR EACH
2 1/2" CALIPER TREE	1.0 GPH	SIX EACH
3" CALIPER TREE	1.0 GPH	EIGHT EACH
3 1/2" CALIPER TREE	1.0 GPH	NINE EACH
4" CALIPER TREE	1.0 GPH	TEN EACH
6 FT. CONIFEROUS TREE	1.0 GPH	FOUR EACH
8 FT. CONIFEROUS TREE	1.0 GPH	SIX EACH
10 FT. CONIFEROUS TREE	1.0 GPH	EIGHT EACH
12 FT. CONIFEROUS TREE	1.0 GPH	TEN EACH

NOTES:

INSTALL EMITTERS ON OPPOSING SIDES OF ROOTBALL. THREE OR MORE EMITTERS SHALL BE EQUALLY SPACED AROUND ROOT BALL.

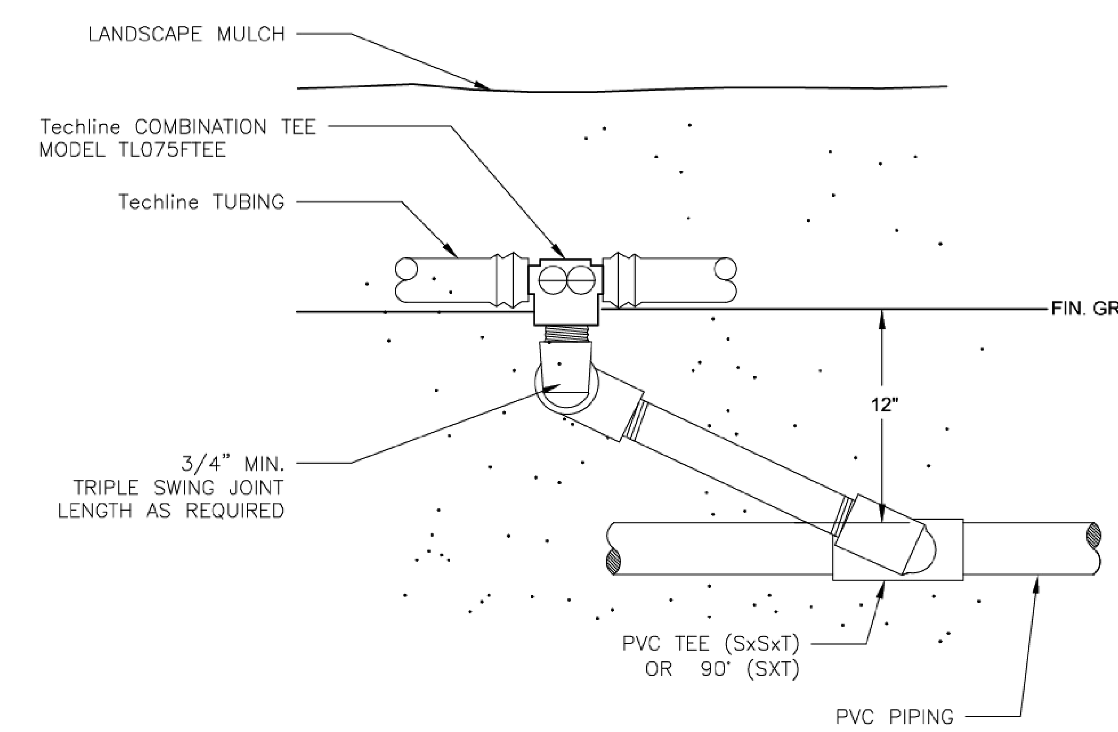
EMITTERS ARE TO BE INSTALLED TO CLEAR SURFACE BY A MINIMUM OF 1" AND A MAXIMUM OF 2".

FLUSH ALL LINES THOROUGHLY, INCLUDING EMITTER MICRO-TUBING PRIOR TO EMITTER INSTALLATION.

IF PLANTING ON A 4:1 SLOPE OR STEEPER, INSTALL BOTH EMITTERS ON UPHILL SIDE OF ROOT BALL.

EMITTERS SHALL BE RAIN BIRD XBCV SERIES EMITTERS W/ SELF-FLUSHING, PRESSURE COMPENSATING AND CHECK VALVE FEATURES

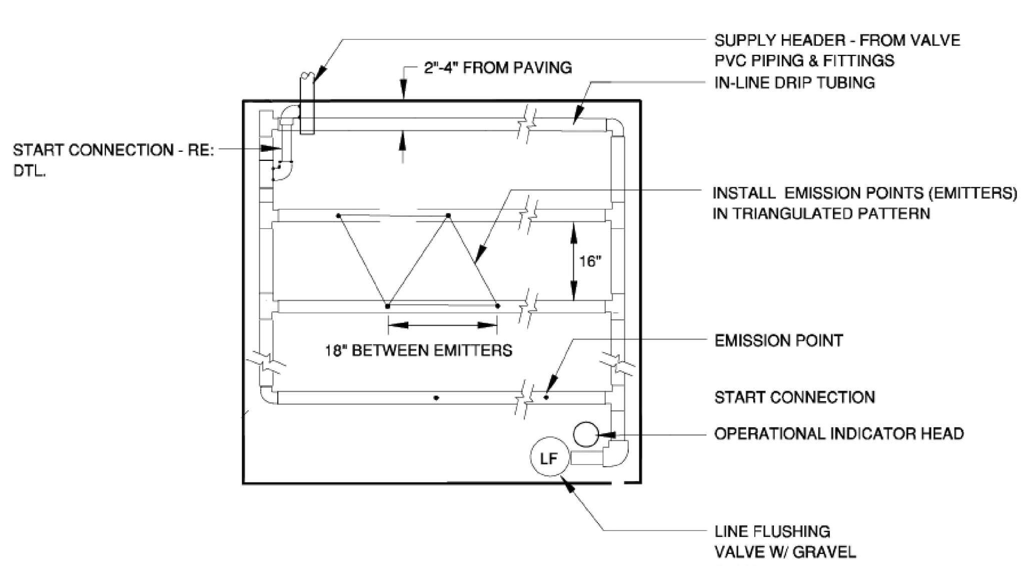
DRIP EMITTER - NATIVE SEED AREAS
20



IN-LINE DRIP START CONNECTION
IN-LINE DRIP INSTALLATIONS ONLY

21

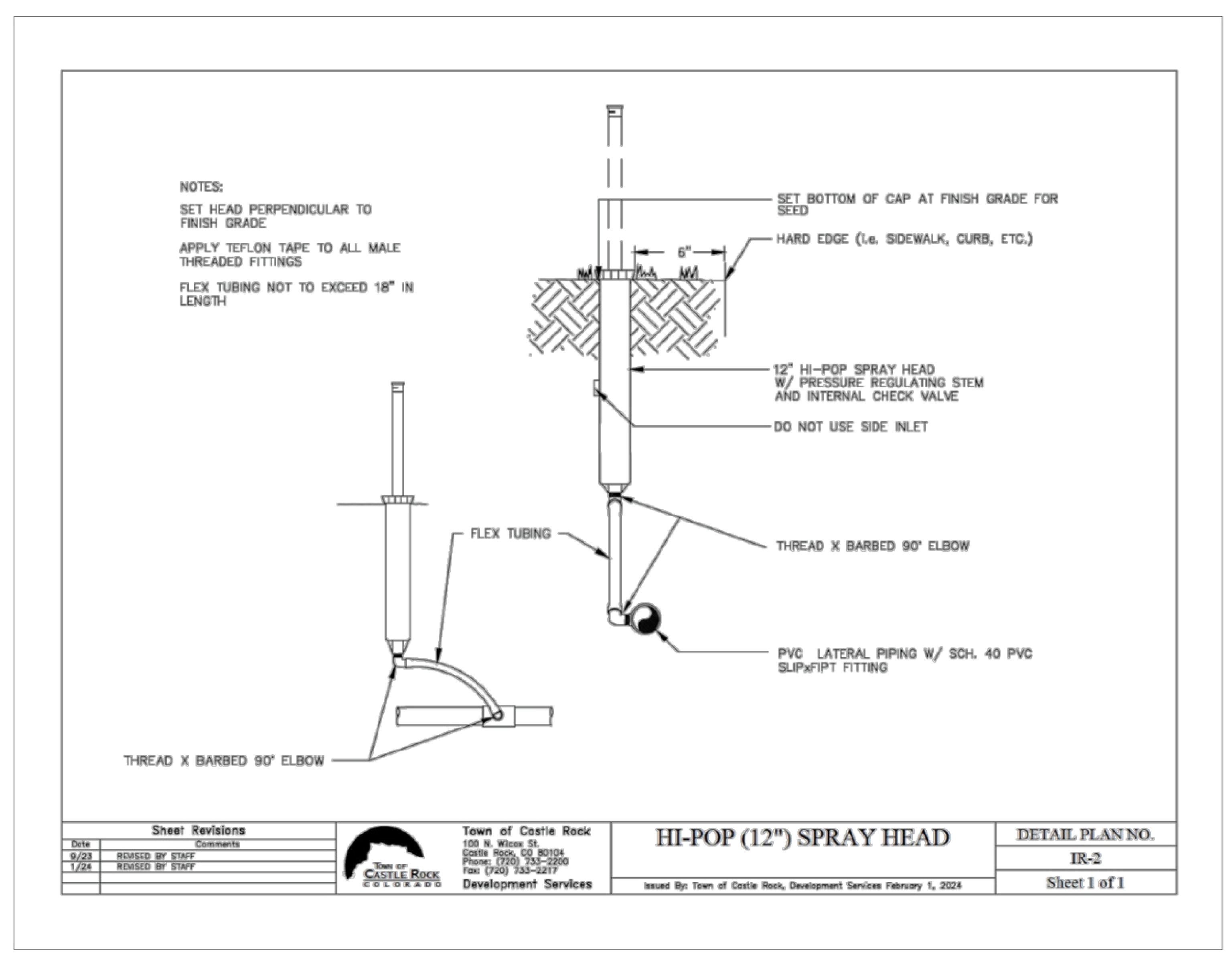
DRIPPERLINE SHALL BE WATER TESTED IN PRESENCE OF OWNER AND IRRIGATION CONSULTANT PRIOR TO BURIAL OF DRIPPERLINE



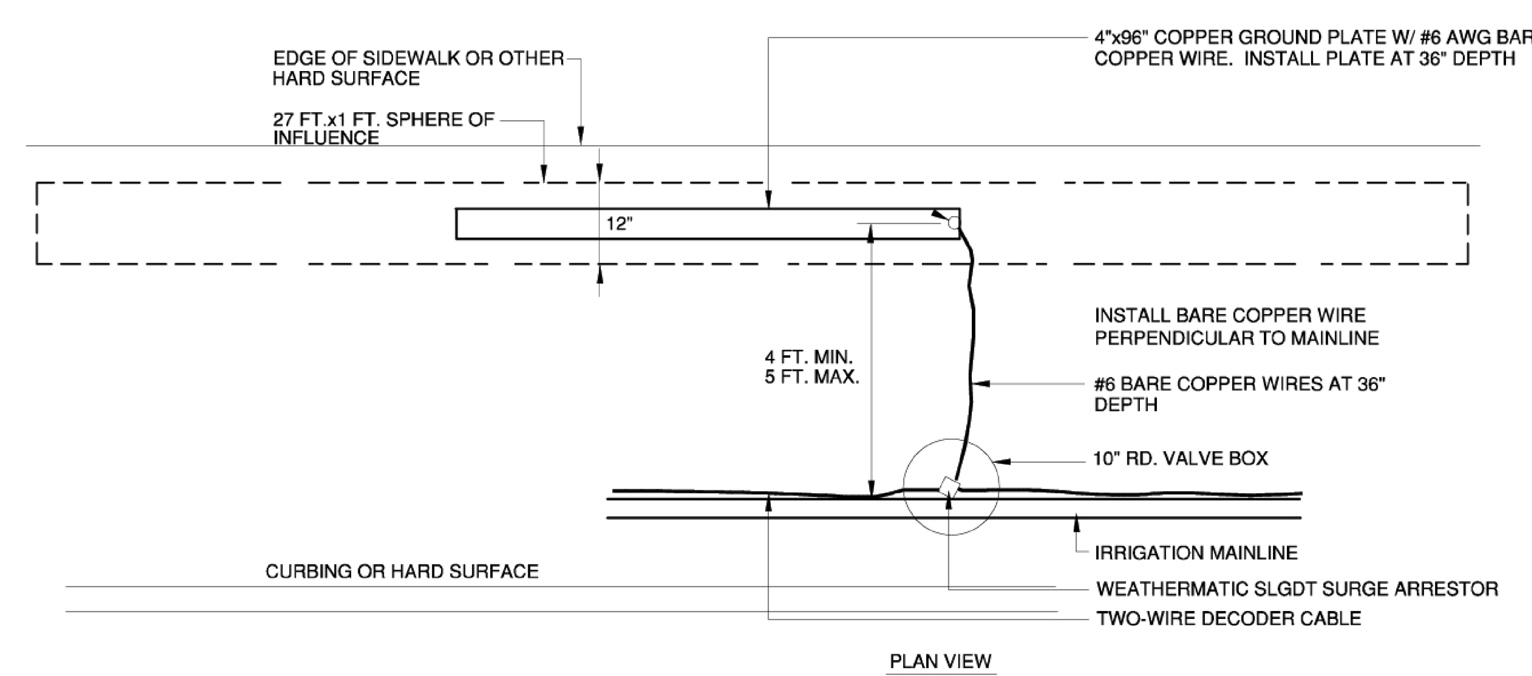
INSTALL TUBING WITH EMITTERS IN TRIANGULATED PATTERN BETWEEN ROWS OF TUBING

IN-LINE DRIP SAMPLE LAY-OUT
IN-LINE DRIP INSTALLATIONS ONLY

22



HI-POP SPRAY HEAD
23



GROUND PLATE SHALL LOCATED SUCH THAT MAINLINE, TWO-WIRE CABLE AND VALVE DECODERS LIE OUTSIDE OF SPHERE OF INFLUENCE (TYP. ALL LOCATIONS)

GROUND PLATE SHALL BE INSTALLED PARALLEL TO MAINLINE DO NOT INSTALL IN MAINLINE TRENCH.

TWO-WIRE SURGE ARRESTOR
24

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

DEVELOPMENT SERVICES APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
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DEVELOPMENT SERVICES DATE

DESIGN PREPARED BY: DAVID ZICKERMAN 15-1032

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
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3	3RD SUBMITTAL	07/10/2026	MM

COLORADO LICENSED PROFESSIONAL ENGINEER
MARTIN RAY METSKER
41743
07/29/2026

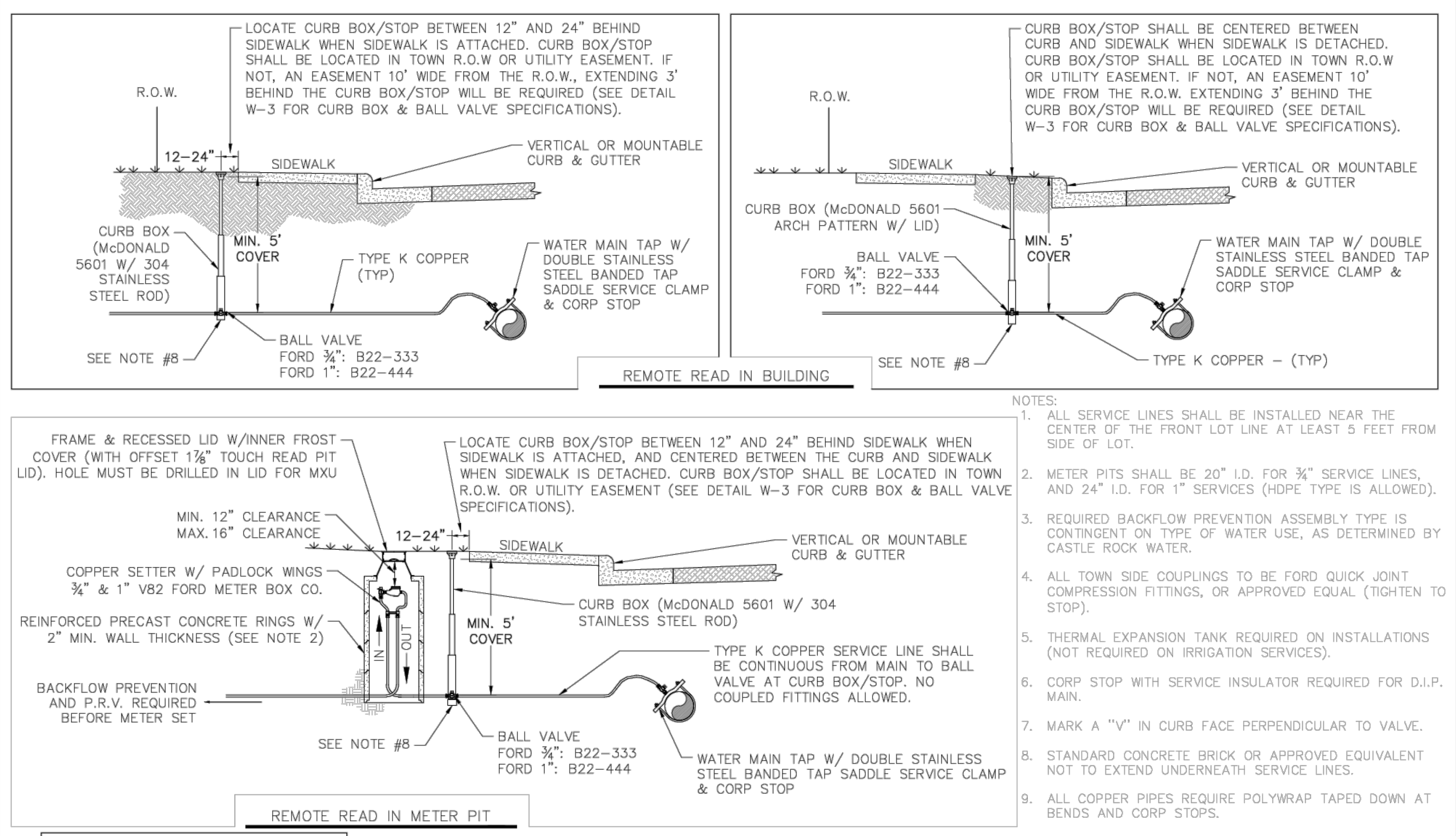
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NOTES:
1. ALL SERVICE LINES SHALL BE INSTALLED NEAR THE CENTER OF THE FRONT LOT LINE AT LEAST 5 FEET FROM SIDE OF LOT.
2. METER PITS SHALL BE 20" I.D. FOR ¾" SERVICE LINES, AND 24" I.D. FOR 1" SERVICES (HDPE TYPE IS ALLOWED).
3. REQUIRED BACKFLOW PREVENTION ASSEMBLY TYPE IS CONTINGENT ON TYPE OF WATER USE, AS DETERMINED BY CASTLE ROCK WATER.
4. ALL TOWN SIDE COUPLINGS TO BE FORD QUICK JOINT COMPRESSION FITTINGS, OR APPROVED EQUAL (TIGHTEN TO STOP).
5. THERMAL EXPANSION TANK REQUIRED ON INSTALLATIONS (NOT REQUIRED ON IRRIGATION SERVICES).
6. CORP STOP WITH SERVICE INSULATOR REQUIRED FOR D.I.P. MAIN.
7. MARK A "V" IN CURB FACE PERPENDICULAR TO VALVE.
8. STANDARD CONCRETE BRICK OR APPROVED EQUIVALENT NOT TO EXTEND UNDERNEATH SERVICE LINES.
9. ALL COPPER PIPES REQUIRE POLYWRAP TAPED DOWN AT BENDS AND CORP STOPS.
10. T-POST IS REQUIRED ON BOTH SIDES OF THE CURB STOP, WRAPPED WITH CONSTRUCTION FENCE FOR THE DURATIONS OF CONSTRUCTION.
11. CURB STOP SHALL BE PLACED AT THE SAME ELEVATION OF THE SIDEWALK OR AT FINISHED GRADE.
12. ALL SERVICES SHALL BE INSTALLED WITH BEDDING MATERIAL A MINIMUM OF 4" ABOVE AND BELOW THE PIPE.

ANY VARIATION OR DEVIATION FROM THIS STANDARD REQUIRES APPROVAL PRIOR TO INSTALLATION FROM CASTLE ROCK WATER.

WATER METER LAY LENGTHS
3/4" = 7 3/4"
1" = 11 1/4"
*LAY LENGTHS INCLUDE TWO 1/8" GASKETS

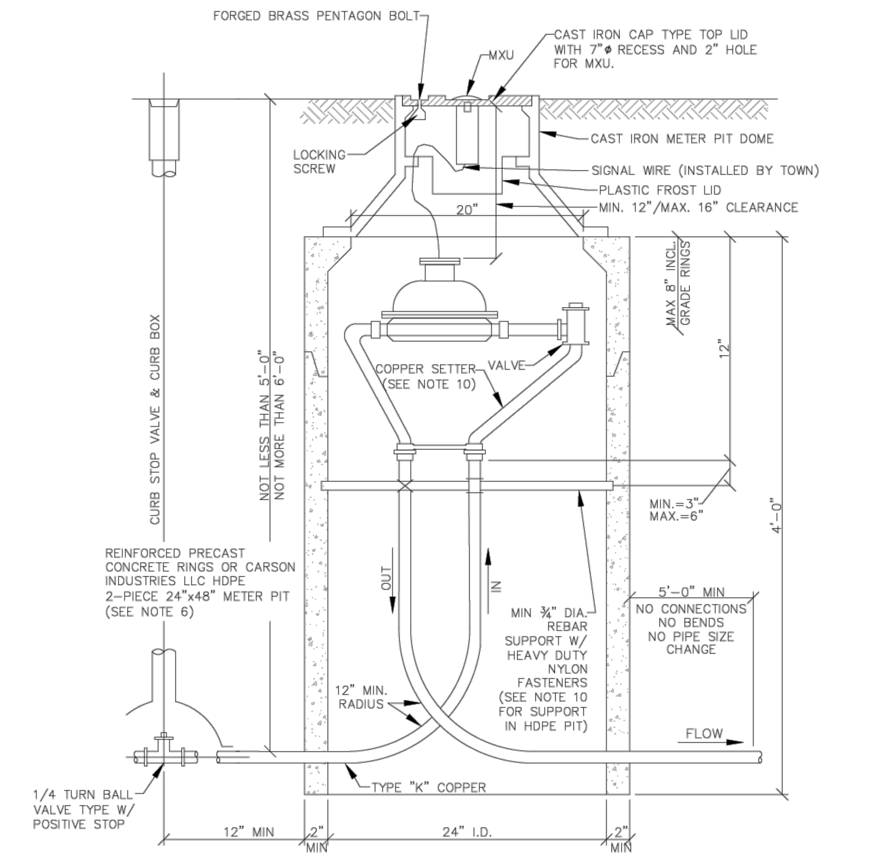
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Date	Comments
7/17	REVISED PER STAFF COMMENTS
3/19	REVISED PER STAFF COMMENTS
3/20	REVISED PER STAFF COMMENTS
10/22	REVISED PER STAFF COMMENTS

Town of Castle Rock, 100 N. Wilcox St., Castle Rock, CO 80104, Phone: (720) 733-2200, Fax: (720) 733-2217, Development Services

3/4 INCH & 1 INCH WATER SERVICES

Issued By: Town of Castle Rock, Development Services January 1, 2023

DETAIL PLAN NO. W-2 — Sheet 1 of 1



NOTES:
1. ANY VARIATION OR DEVIATION FROM THIS STANDARD REQUIRES APPROVAL PRIOR TO INSTALLATION FROM CASTLE ROCK WATER.
2. METER PIT SHALL BE INSTALLED IN LANDSCAPED AREA WITHIN THE 10-FOOT UTILITY EASEMENT ALONG FRONT LOT LINE, A MINIMUM OF 3 FEET WITHIN THE EASEMENT. PRIOR APPROVAL REQ'D FOR INSTALLATIONS IN ROADWAYS, DRIVEWAYS OR SIDEWALKS. ROAD LIDS OR OTHER SPECIAL MODIFICATIONS MAY BE REQ'D.
3. CURB STOP SHALL BE A MINIMUM OF 12" FROM INLET SIDE OF METER PIT, LOCATED IN LANDSCAPED AREA IF POSSIBLE.
4. ALL METER PITS SHALL BE FURNISHED WITH CI METER PIT LID WITH 7 ½-INCH ø x ¾-INCH DEEP RECESS AND 2 INCH ø CENTER HOLE FOR METER REMOTE UNIT, PLUS THREE DRAIN HOLES IN RECESSED AREA.
5. ALL METER PITS SHALL BE FURNISHED WITH PLASTIC FROST LID WITH 3-INCH DEEP PAN, FIVE DRAIN HOLES, LIFTING HANDLE, AND SLOT FOR SIGNAL WIRE RUNNING FULL DEPTH OF LIP.
6. METER PIT SHALL BE A TOTAL HEIGHT OF 48" AND 24" I.D. FOR BOTH ¾" AND 1" SERVICES. PIT SHALL BE INSTALLED TO MAINTAIN PIT LID ½" BELOW FINISHED GRADE. ALL REQUIRED INSTALLATIONS SHALL BE BROUGHT TO GRADE BEFORE METER IS SET. METERS WILL NOT BE SET IF CURB STOP BOX IS NOT UP TO GRADE, IF WIRE IS MISSING OR IN WRONG AREA, OR IF AN APPROVED BACKFLOW PREVENTION ASSEMBLY IS NOT IN PLACE.
7. TYPE "K" COPPER SERVICE LINES SHALL BE CONTINUOUS FROM MAIN TO CURB STOP AND INSULATED WITH POLYWRAP.
8. COMPRESSION (WITH CRUSH RING) COUPLINGS SHALL BE USED AT THE CORP STOP.
9. COPPER SETTER SHALL BE FORD V82W-44G-33 (⅝" X ¾"), FORD V84W-44G-44 (1"), OR MUELLER B-2474-SPECIFY SIZE (WITH LOCK WINGS).
10. HDPE METER PIT SUPPORT: USE MIN. ¾" DIA. PVC SCHED. 40 PIPE FOR SUPPORT BAR W/ TWO ¾" PVC CAPS AND HEAVY DUTY NYLON FASTENERS. SEAL EXTERIOR HOLES AROUND SUPPORT PIPE WITH PERMATEX RTV SILICONE ADHESIVE PRIOR TO INSTALLING PIPE CAPS.

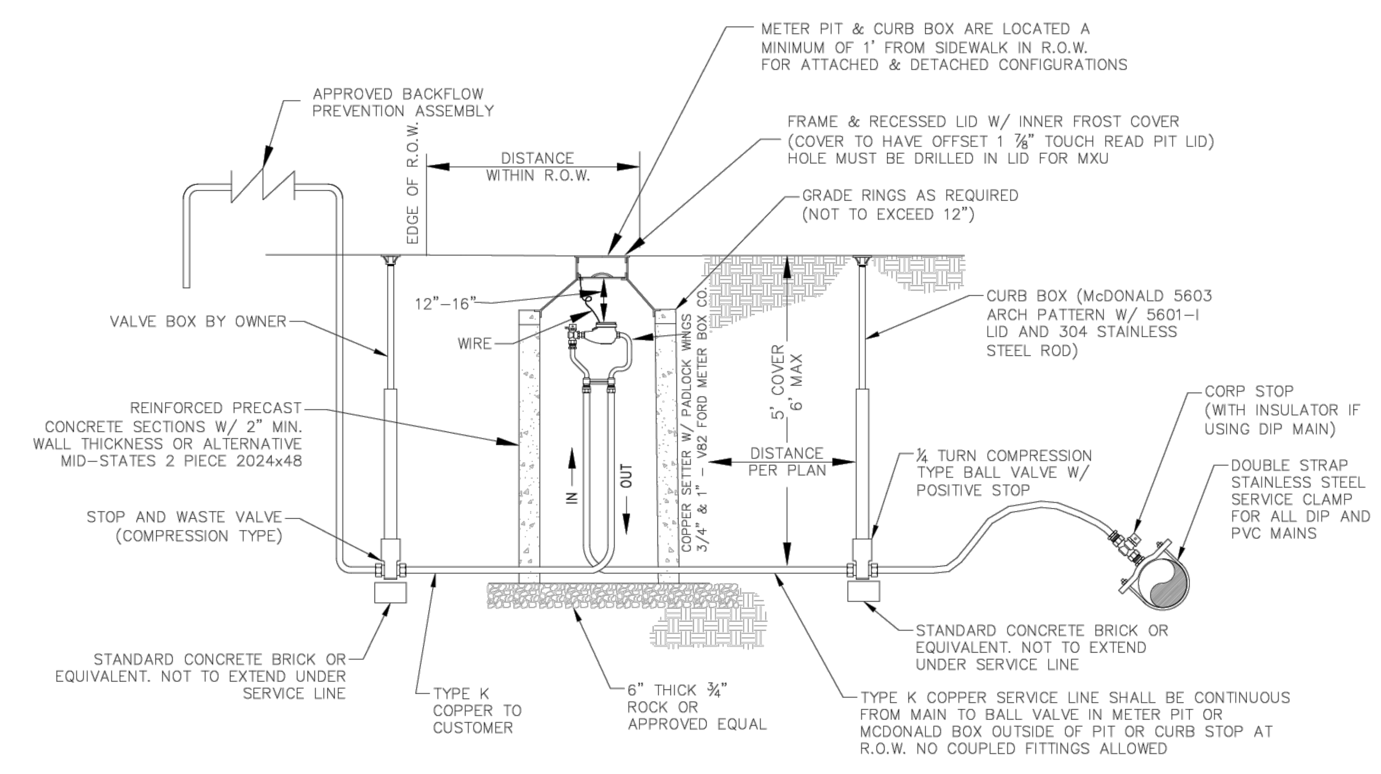
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12/21	REVISED PER STAFF COMMENTS
7/22	REVISED PER STAFF COMMENTS

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OUTSIDE 3/4 INCH & 1 INCH WATER METERS

Issued By: Town of Castle Rock, Development Services January 1, 2023

DETAIL PLAN NO. W-2A — Sheet 1 of 1



NOTES
1. METER AND WIRE SUPPLIED BY THE TOWN, CONTRACTOR TO INSTALL.
2. METER WILL NOT BE RELEASED TO CONTRACTOR IF CURB STOP BOX IS NOT UP TO FINISHED GRADE, IF WIRE IS IN WRONG AREA, OR IF AN ASSEMBLY IS NOT IN PLACE.
3. PRIOR TO METER RELEASE, IRRIGATION POINT OF CONNECTION MUST BE COMPLETE AS INDICATED ON TOWN DETAIL IR-9.

METER LAY LENGTH
3/4" = 7 3/4"
1" = 11 1/4"

*LAY LENGTHS INCLUDE TWO 1/8" GASKETS

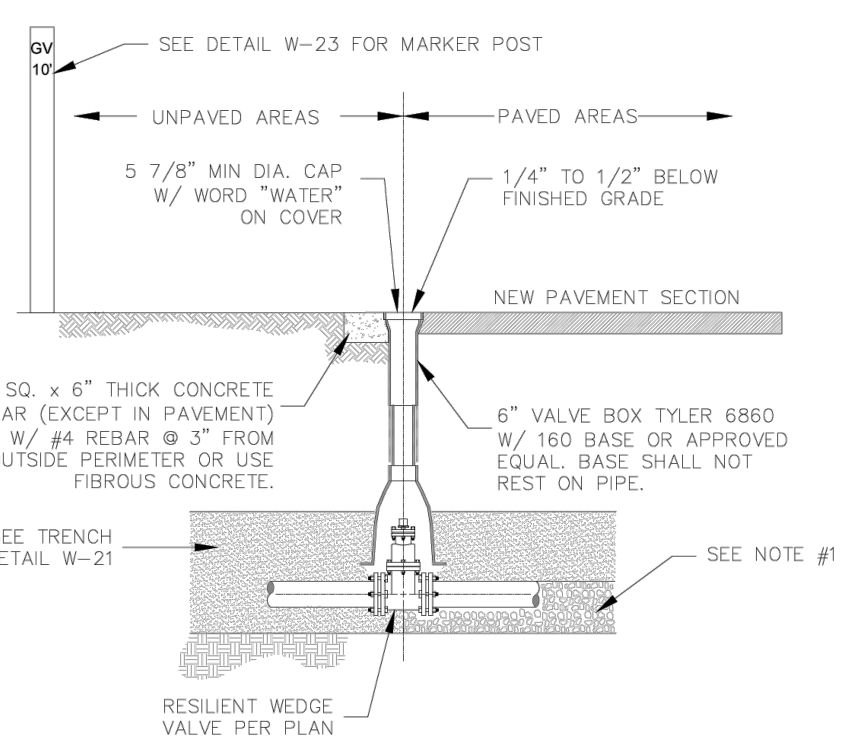
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3/4 INCH & 1 INCH IRRIGATION METERS

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DETAIL PLAN NO. W-4A — Sheet 1 of 1



NOTES:
1. CARE SHALL BE TAKEN WHEN INSTALLING VALVES TO ASSURE PROPER SUPPORT OF THE VALVE. THE ENGINEER MAY REQUIRE 3/4" CRUSHED ROCK TO BE INSTALLED UNDER THE VALVE TO PROVIDE PROPER SUPPORT.
2. VALVES SHALL NOT BE PLACED IN CONCRETE CROSS PANS, GUTTERS, OR OTHER DRAINAGE WAYS.
3. OPERATING NUTS OR EXTENSIONS SHALL NOT BE SET CLOSER THAN THREE (3) FEET FROM FINISHED GRADE. IF OPERATING NUT IS DEEPER THAN FIVE (5) FEET FROM FINAL GRADE, PROVIDE A 1 1/4" EXTENSION SHAFT W/ CENTERING RING. OPERATOR EXTENSIONS SHALL BE CONNECTED TO THE VALVE OPERATOR NUT USING A SET SCREW.
4. GATE VALVE SHALL BE POLYETHYLENE WRAPPED (8 MIL).
5. CONCRETE COLLARS & MARKER POSTS ARE REQUIRED WHEN VALVE IS LOCATED IN AN UNPAVED AREA.
6. VALVE BOXES ARE TO BE BROUGHT UP TO GRADE @ THE TIME OF PAVEMENT PLACEMENT OR OVERLAY. VALVE BOX ADJUSTING RINGS ARE NOT ALLOWED.
7. SEE DETAILS W-13 & W-14 FOR TYPICAL VALVE LOCATIONS.
8. TRACER WIRE SHALL BE ROUTED AROUND TO NORTH OR EAST OF VALVE BOX (SEE DETAIL W-28).

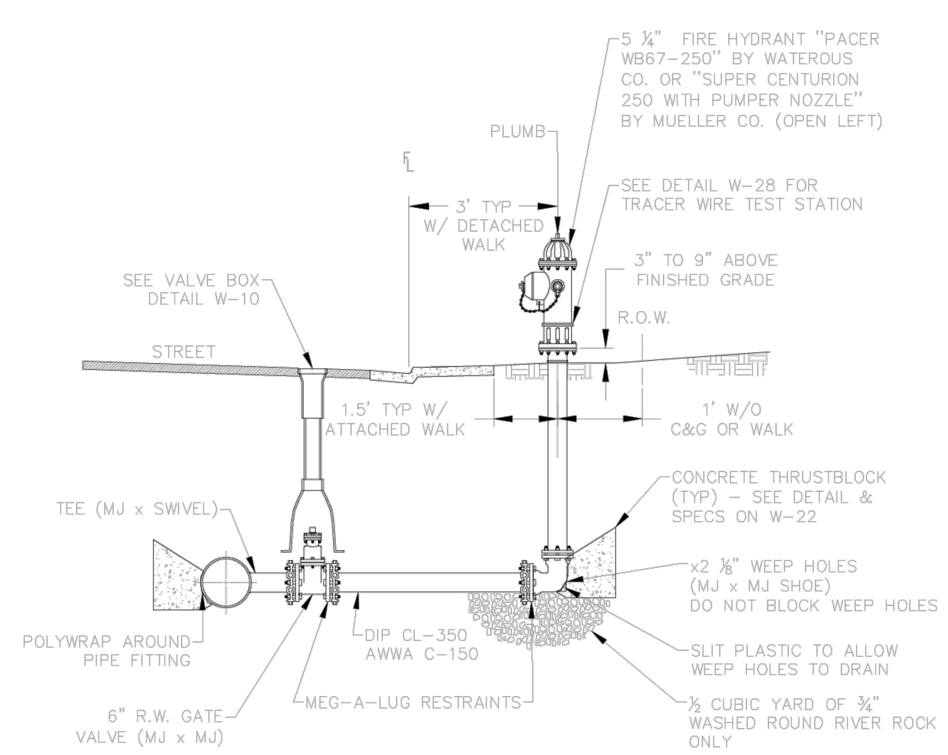
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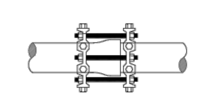
TYPICAL VALVE BOX

Issued By: Town of Castle Rock, Development Services January 1, 2023

DETAIL PLAN NO. W-10 — Sheet 1 of 1



NOTES:
1. ALL HYDRANTS SHALL BE PAINTED "SAFETY YELLOW" FROM THE FACTORY. FIELD RE-PAINTING MAY BE REQUIRED BY THE PUBLIC WORKS INSPECTOR.
2. THE CONNECTIONS SHALL BE 2 TO 2 ½" NOZZLES AND 1 TO 5 ¼" PUMPER NOZZLE, ALL THREADS TO BE NATIONAL STANDARD W/ 1 ½" PENTAGONAL CAP NUTS. ALL HYDRANTS SHALL BE AWWA C-502-94 STANDARD OPEN LEFT.
3. NO TAPS SHALL BE ALLOWED BETWEEN THE HYDRANT & THE MAIN.
4. THE ENTIRE FIRE HYDRANT ASSEMBLY SHALL BE WRAPPED W/ 8 MIL POLYETHYLENE, INCLUDING THE RISER PORTION, TO FINISHED GRADE. CUT HOLE IN WRAP AT WEEP HOLE.
5. ALL FIRE HYDRANTS SHALL BE INSTALLED PLUMB & LOCATED ACCORDING TO PROJECT PLANS.
6. SEE FIRE HYDRANT LOCATION DETAILS W-13 & W-14 FOR PROPER LOCATION RELATIVE TO OTHER IMPROVEMENTS & REFER TO APPROVED PLANS.
7. THE MECHANICAL JOINTS OF THE FIRE HYDRANT ASSEMBLY SHALL BE RESTRAINED VIA MEG-A-LUG JOINT CLAMPS.
8. NO MORE THAN ONE HYDRANT EXTENSION, NOT TO EXCEED 24" MAY BE USED. OVERALL HEIGHT MAY NOT EXCEED 8'.
9. A TRACER WIRE TEST STATION IS REQUIRED; REFER TO DETAIL W-28.
10. FOR BURY DEPTHS GREATER THAN 8' REFER TO DETAIL W-11A.



TYPICAL JOINT RESTRAINT DETAIL FOR MULTIPLE JOINT ASSEMBLIES (NOT TO SCALE)

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6/22	REVISED PER STAFF COMMENTS

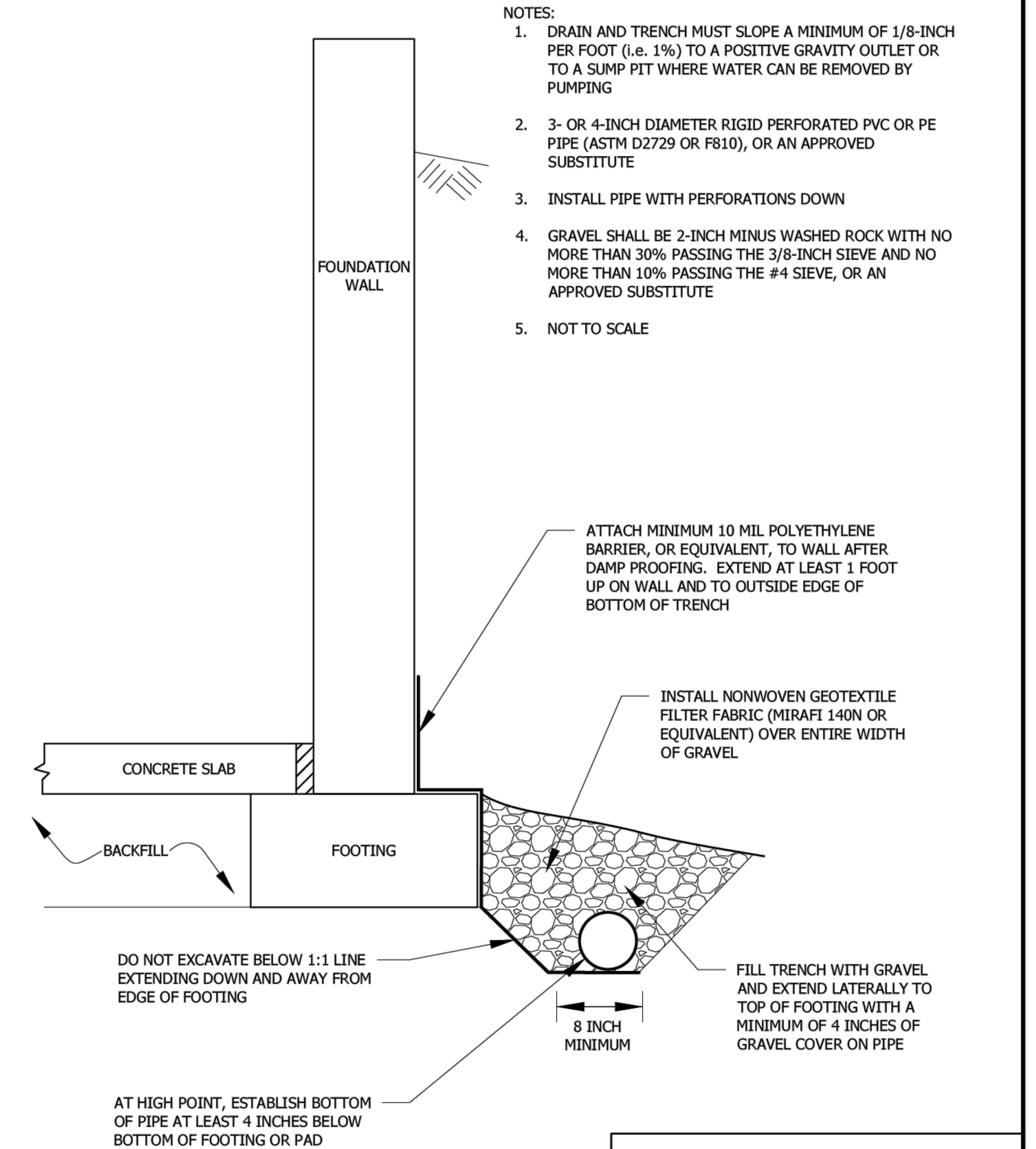
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FIRE HYDRANT ASSEMBLY

Issued By: Town of Castle Rock, Development Services January 1, 2023

DETAIL PLAN NO. W-11 — Sheet 1 of 1

NOTES:
1. DRAIN AND TRENCH MUST SLOPE A MINIMUM OF 1/8-INCH PER FOOT (i.e. 1%) TO A POSITIVE GRAVITY OUTLET OR TO A SUMP PIT WHERE WATER CAN BE REMOVED BY PUMPING
2. 3- OR 4-INCH DIAMETER RIGID PERFORATED PVC OR PE PIPE (ASTM D2729 OR F810), OR AN APPROVED SUBSTITUTE
3. INSTALL PIPE WITH PERFORATIONS DOWN
4. GRAVEL SHALL BE 2-INCH MINUS WASHED ROCK WITH NO MORE THAN 30% PASSING THE 3/8-INCH SIEVE AND NO MORE THAN 10% PASSING THE #4 SIEVE, OR AN APPROVED SUBSTITUTE
5. NOT TO SCALE



DR \ FTG-3 EXT SOG FEBRUARY 2026

AGW

FOUNDATION DRAIN DETAIL	PROJECT NO. 252034 FIGURE 5

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

Town of Castle Rock Colorado — DEVELOPMENT SERVICES APPROVED
By jkirkpatrick on 08/17/2026 APPROVED-CD26-0014 Plans.pdf
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DEVELOPMENT SERVICES DATE

CD26-0014

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ph: 303.632.8867

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COLORADO LICENSED PROFESSIONAL ENGINEER — MARTIN RAY METSKER 41743 — 07/29/2026

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
DETAILS (1 OF 4)

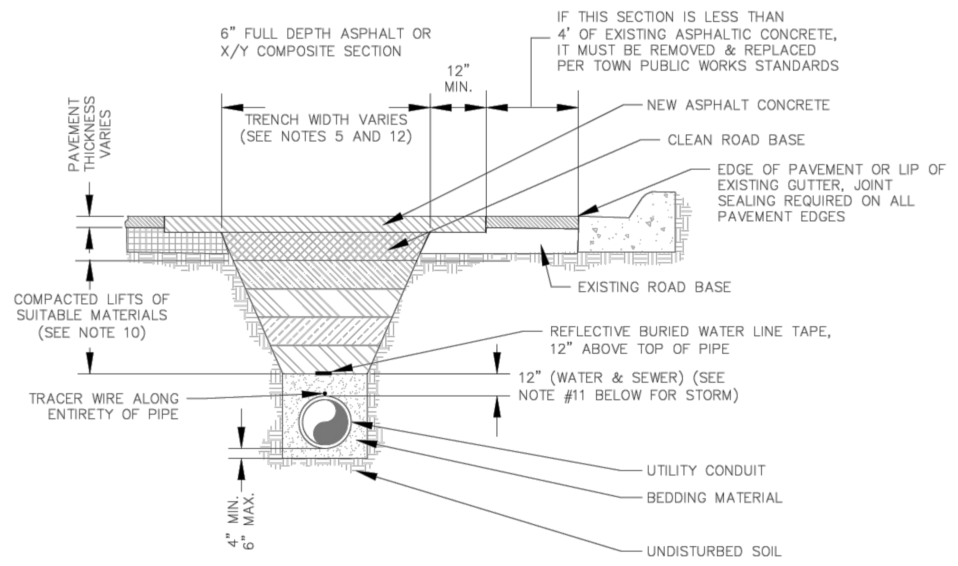
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WATER TRENCH DETAIL (W-21)

NOTES:

1. ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH THIS DETAIL UNLESS OTHERWISE SPECIFIED BY PUBLIC WORKS.
2. PRIOR TO PLACEMENT OF CONCRETE, ALL EDGES SHALL BE SAW CUT TO A CLEAN, STRAIGHT, AND VERTICAL EDGE.
3. PRIOR TO PLACEMENT OF ASPHALT, 18 INCHES OF ADJACENT ASPHALT SHALL BE MILLED TO 2 INCH DEPTH ON ALL SIDES TO MATCH EXISTING PAVEMENT. INNER SURFACE TO BE TACKED WITH HSS-1.
4. WHEN SUBSTITUTING FOR BACKFILL MATERIAL, FLOWABLE FILL SHALL CONFORM TO MGPEC CLSM STANDARDS.
5. TRENCH WIDTH SHALL NOT BE MORE THAN 16" NOR LESS THAN 12" WIDER THAN THE DIAMETER OF THE PIPE.
6. 95% OF ASTM D698 STANDARD COMPACTION EFFORT IS REQUIRED ON ALL TRENCHING ZONES, IN BOTH IMPROVED & UNIMPROVED AREAS.
7. IN UNIMPROVED AREAS, ALL DISTURBED AREAS SHALL BE REGRADED, SEEDED & MULCHED.
8. IN CONCRETE ROADWAYS, A MINIMUM OF 1/2 PANEL WIDTH OR 10' x 5' SECTION WILL BE ALLOWED TO REMAIN, OTHERWISE THE ENTIRE CONCRETE PANEL MUST BE REPLACED.
9. USE #4 REBAR AT 2' CENTERS ALONG THE PERIMETER OF CONCRETE REPLACEMENT SECTIONS.
10. 6" MAXIMUM COMPACTED LIFT THICKNESS IF FLOWABLE FILL NOT REQUIRED.
11. BEDDING MATERIAL DEPTH WHEN INSTALLING STORM SEWER SHALL BE UP TO SPRING LINE, EXCEPT IN AREAS OF UNSUITABLE BACKFILL, THEN BEDDING MATERIAL SHALL BE 12" ABOVE PIPE.
12. TRENCH WIDTHS LESS THAN 4' OR TRENCHING THAT EXPERIENCES CAVE-INS OR SLOUGHING SHALL REQUIRE FLOWABLE FILL IN ORDER TO ACHIEVE COMPACTION.



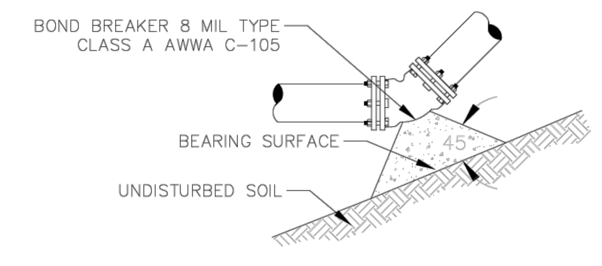
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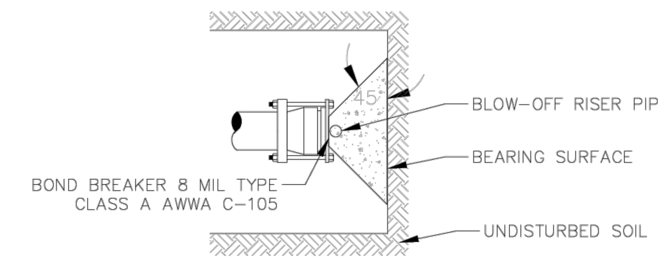
WATER TRENCH DETAIL — DETAIL PLAN NO. W-21 — Sheet 1 of 1

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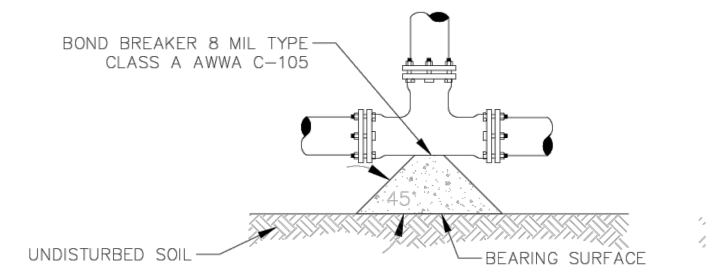
HORIZONTAL BEND THRUSTBLOCKS (W-22)



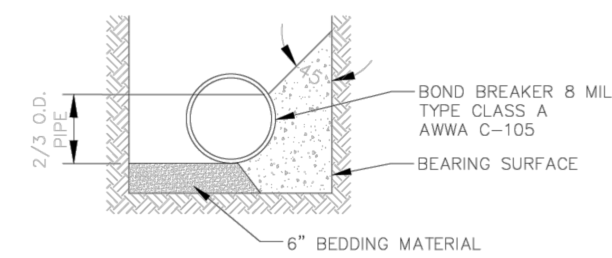
11 1/4, 22 1/2 & 45 BENDS



DEAD END



TEE



TYPICAL CROSS SECTION

NOTES:

1. BEARING AREAS SHOWN ON THE CHART ARE MINIMUM AREAS & ARE DESIGNED USING THE FOLLOWING CRITERIA:
   A. INTERNAL WORKING PRESSURE OF 150 PSI.
   B. TRANSIENT (WATER HAMMER) PRESSURE OF 120 PSI FOR 4", 6" & 8" DIAMETER LINES, 110 PSI FOR 12" LINES, & 70 PSI FOR 20" LINES.
   C. THRUSTBLOCK CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
2. ALL SIZES OF BENDS, TEES & DEAD ENDS SHALL HAVE CONCRETE THRUSTBLOCKS.
3. THRUSTBLOCKS ARE NOT A SUBSTITUTE FOR JOINT RESTRAINT.

MINIMUM BEARING SURFACE AREA

(IN SQUARE FEET)

SIZE OF PIPE	BENDS 11 1/4°	22 1/2°	45°	90°	TEE OR DEAD END
6"	2.00	2.00	2.25	4.25	3.00
8"	2.00	2.00	4.00	8.00	5.25
12"	2.00	4.25	8.25	12.00	11.00
16"	3.50	6.50	12.50	23.00	16.50
20"	5.00	10.00	19.50	35.50	25.00

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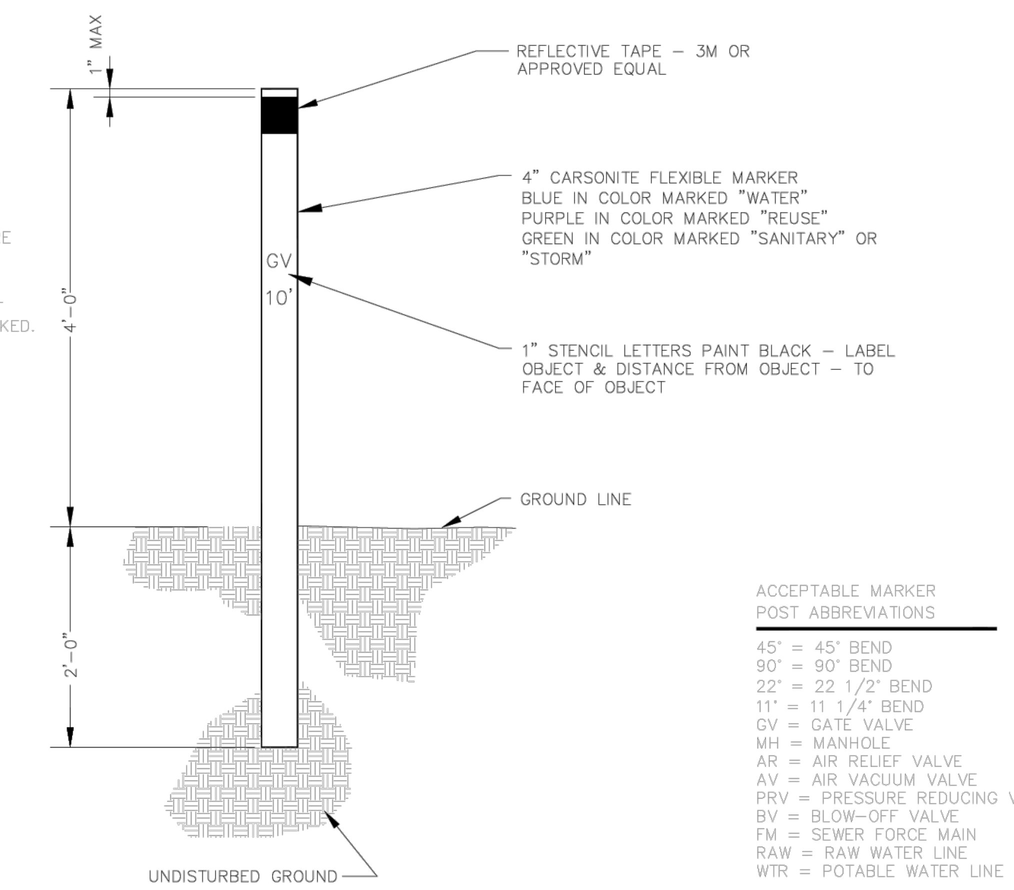
HORIZONTAL BEND THRUSTBLOCKS — DETAIL PLAN NO. W-22 — Sheet 1 of 1

Issued By: Town of Castle Rock, Development Services January 1, 2023

MARKER POST (W-23)

NOTES:

1. USE MARKER POST IN AREAS WHERE UTILITY CANNOT BE LOCATED FROM OTHER IMPROVEMENTS.
2. SET POST 3 FEET MIN. AND 5 FEET MAX. FROM THE ASSET TO BE MARKED.



ACCEPTABLE MARKER POST ABBREVIATIONS

45° = 45° BEND
90° = 90° BEND
22° = 22 1/2° BEND
11° = 11 1/4° BEND
GV = GATE VALVE
MH = MANHOLE
AR = AIR RELIEF VALVE
AV = AIR VACUUM VALVE
PRV = PRESSURE REDUCING VALVE
BV = BLOW-OFF VALVE
FM = SEWER FORCE MAIN
RAW = RAW WATER LINE
WTR = POTABLE WATER LINE

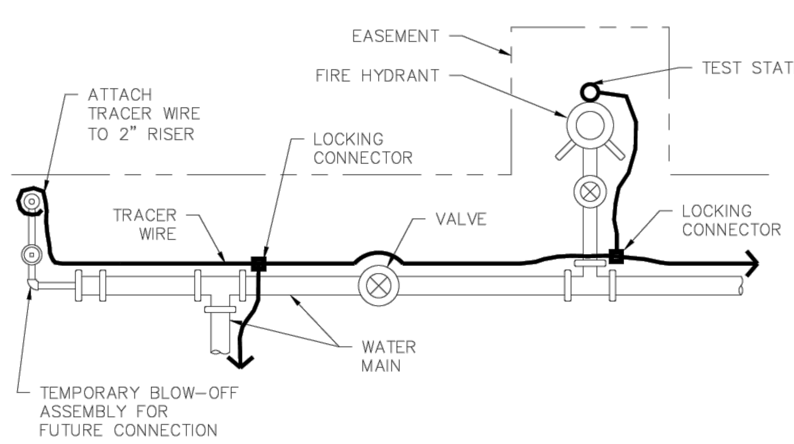
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Date	Comments
3/19	REVISED PER STAFF COMMENTS
3/20	REVISED PER STAFF COMMENTS
7/22	REVISED PER STAFF COMMENTS

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MARKER POST — DETAIL PLAN NO. W-23 — Sheet 1 of 1

Issued By: Town of Castle Rock, Development Services January 1, 2023

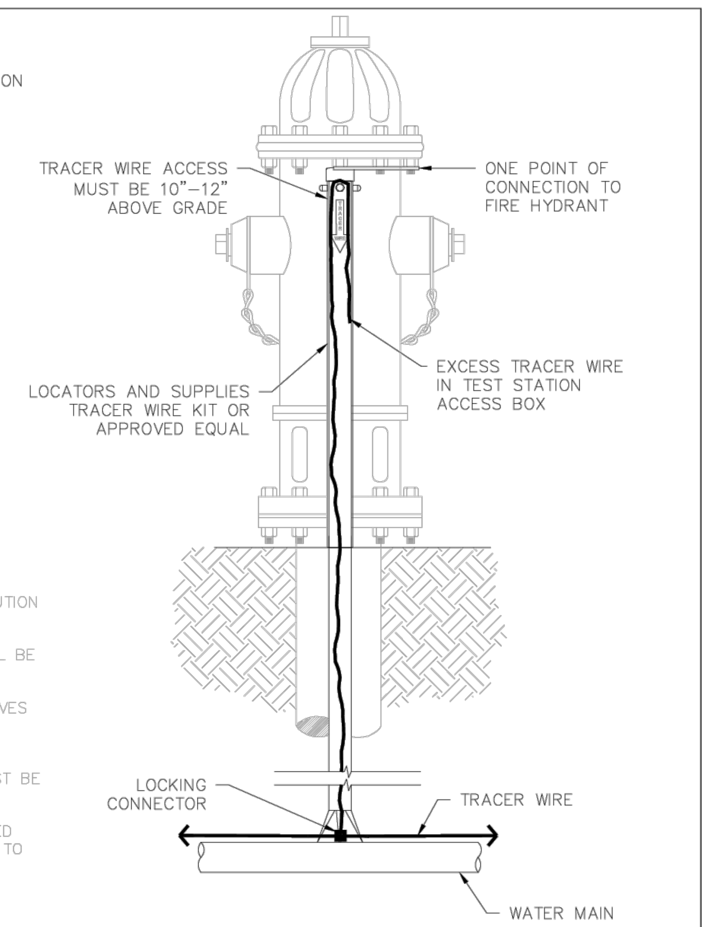
TRACER WIRE DETAIL (W-28)



TRACER WIRE SAMPLE PLAN

NOTES:

1. REFER TO STANDARD NOTES FOR TOWN OF CASTLE ROCK GENERAL TRACER WIRE REQUIREMENTS. FOR TEST STATION AT MANHOLE, REFER TO DETAIL SD-5.
2. TRACER WIRE AND TEST STATION LIDS SHALL BE BLUE FOR POTABLE WATER DISTRIBUTION SYSTEM AND PURPLE FOR RECLAIMED OR RAW WATER COMPONENTS.
3. TRACER WIRE IN PLAN IS SHOWN AWAY FROM PIPE FOR CLARITY. TRACER WIRE SHALL BE FASTENED TO THE PIPE WITH TAPE OR PLASTIC TIES AT 5-FOOT INTERVALS.
4. TRACER WIRE SHALL BE LAID CONTINUOUSLY, PASSING AROUND THE OUTSIDE OF VALVES AND FITTINGS ON THE NORTH OR EAST SIDE.
5. TEST STATIONS SHALL BE INSTALLED AT EVERY FIRE HYDRANT, AS SHOWN, OR AT A MINIMUM INTERVAL OF 500 FEET. TEST STATIONS NOT LOCATED NEAR HYDRANTS MUST BE PLACED BEHIND EDGE OF PAVEMENT.
6. AT ALL TEMPORARY BLOW-OFFS, THE END OF THE TRACER WIRE SHALL BE CONTAINED WITHIN A CORROSION PREVENTION CAP, THEN BROUGHT TO SURFACE AND ATTACHED TO THE RISER PIPE AT GRADE WITHIN THE EASEMENT OR R.O.W.
7. TEST STATIONS SHALL LIE WITHIN UTILITY EASEMENT OR PUBLIC R.O.W.
8. PROVIDE ADEQUATE LENGTH OF TRACER WIRE TO EXTEND 12 INCHES ABOVE GRADE.
9. TEST STATIONS NOT LOCATED AT A FIRE HYDRANT MUST BE AT GRADE WITH LOCKING LID.



FIRE HYDRANT TRACER WIRE DETAIL

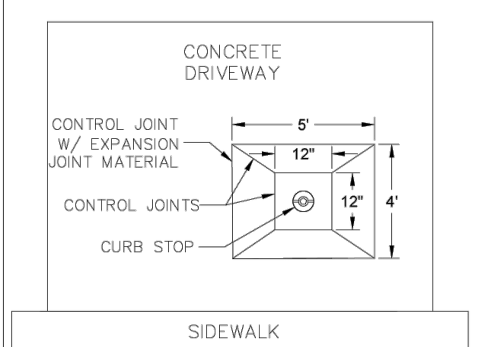
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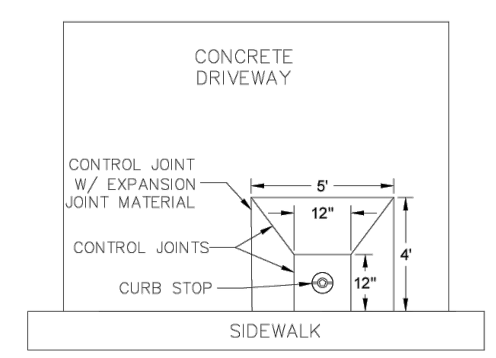
TRACER WIRE DETAIL — DETAIL PLAN NO. W-28 — Sheet 1 of 1

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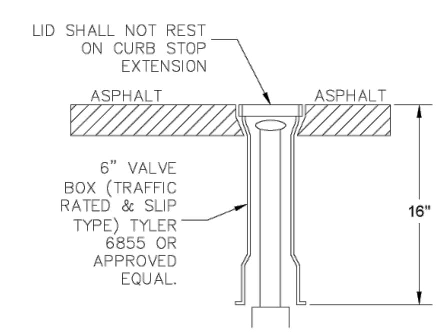
CURB STOP IN PAVEMENT (W-40)



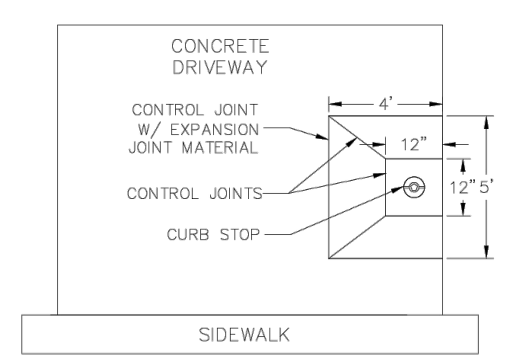
CURB STOP IN CONCRETE DRIVEWAY



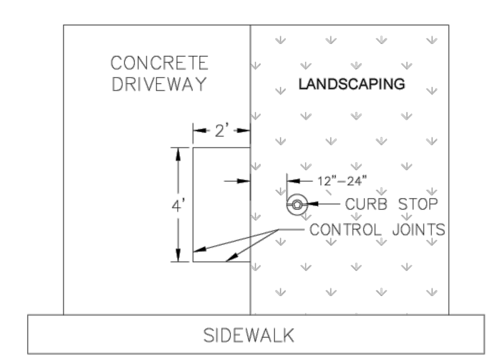
CURB STOP IN CONCRETE DRIVEWAY AT EDGE OF SIDEWALK



CURB STOP IN ASPHALT



CURB STOP AT EDGE OF CONCRETE DRIVEWAY



CURB STOP 12 TO 24 INCHES FROM PAVEMENTS (OTHER THAN SIDEWALK)

NOTES:

1. IN PAVEMENT, DEPRESS CURB STOP APPROXIMATELY ¼" BELOW FINISHED GRADE.
2. A TECHNICAL CRITERIA VARIANCE, FIELD CHANGE ORDER AND/OR ASSOCIATED FEES MAY BE REQUIRED FOR CURB STOPS PLACED IN PAVEMENTS.
3. UNLESS REPAIRS OF TOWN-OWNED INFRASTRUCTURE IS NEEDED, THE PROPERTY OWNER IS RESPONSIBLE FOR PAVEMENT AROUND CURB STOP.
4. CURB STOP SHALL BE McDONALD 5607 w/ 304 STANLESS STEEL ROD OR APPROVED EQUAL.
5. CURB STOPS LOCATED IN RESIDENTIAL DRIVEWAYS WILL REQUIRE A FIELD CHANGE ORDER.
6. CURB STOP SHALL BE PLACED AT THE SAME ELEVATION OF THE SIDEWALK OR AT FINISHED GRADE.

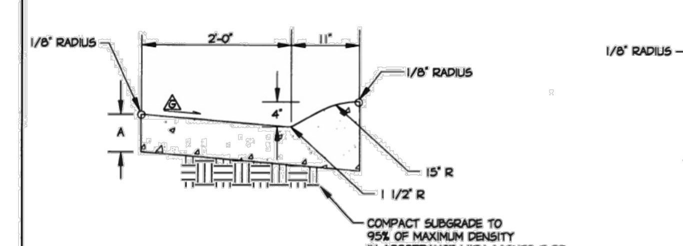
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Date	Comments
5/01	REVISED PER STAFF COMMENTS
3/19	REVISED PER STAFF COMMENTS
3/20	REVISED PER STAFF COMMENTS
10/22	REVISED PER STAFF COMMENTS

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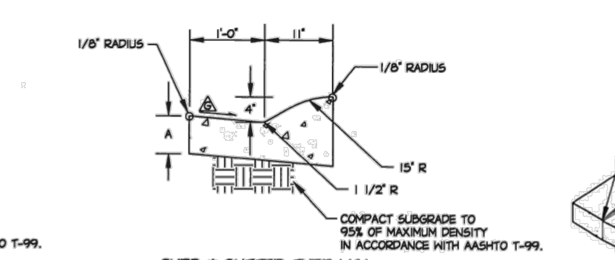
CURB STOP IN PAVEMENT — DETAIL PLAN NO. W-40 — Sheet 1 of 1

Issued By: Town of Castle Rock, Development Services January 1, 2023

CURB, GUTTERS, AND SIDEWALK (CG-1)

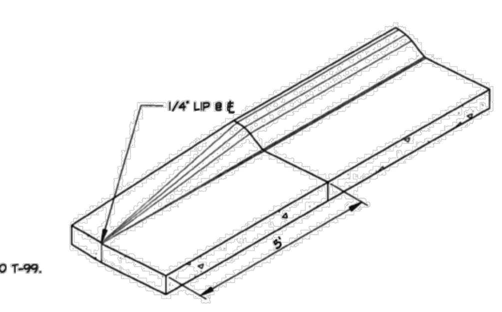


CURB & GUTTER TYPE MS2

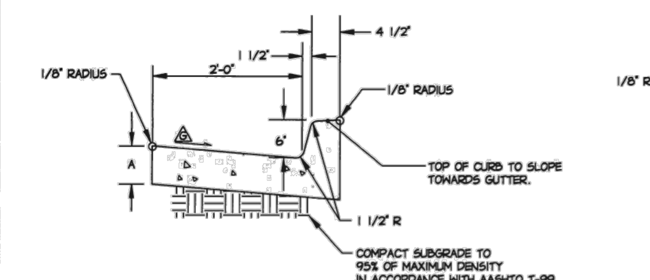


CURB & GUTTER TYPE MS1

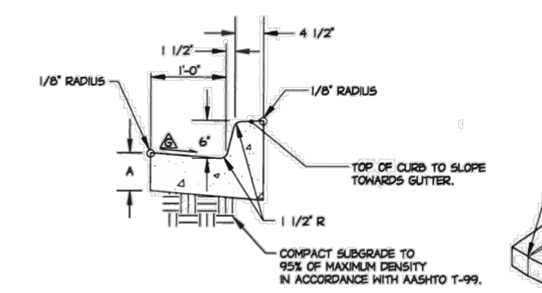
MOUNTABLE CURB & GUTTER



MOUNTABLE CURB & GUTTER TERMINATION

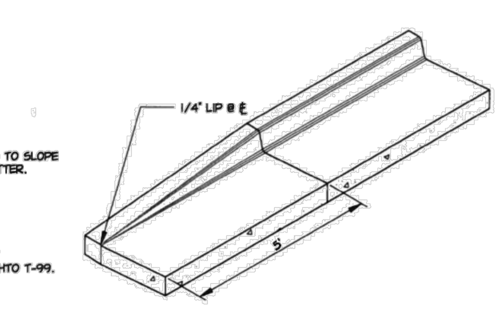


CURB & GUTTER TYPE VC2

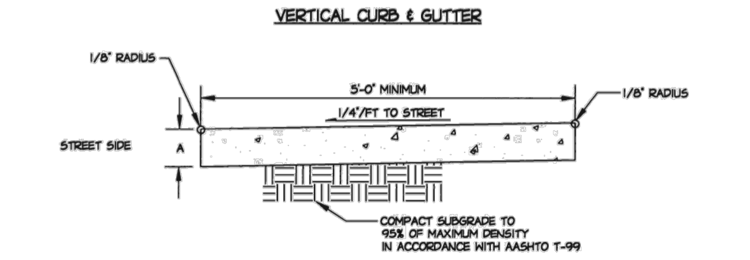


CURB & GUTTER TYPE VC1

VERTICAL CURB & GUTTER



VERTICAL CURB & GUTTER TERMINATION



SIDEWALK

GENERAL NOTES

1. DIMENSION A SHALL BE 6", 8", OR 10" (SEE PLANS).
2. CONTRACTION JOINTS REQUIRED AT MAXIMUM 10' SPACING, MINIMUM 5' SPACING. THE DEPTH OF OPEN JOINTS SHALL BE 1/3 THE DEPTH OF CONCRETE.
3. EXPANSION JOINTS, AT INTERVALS OF 300', SHALL BE PLACED FOR THE FULL DEPTH OF THE CONCRETE.
4. CURB & GUTTER SHALL BE PAID BY LINEAL FOOT, BY CURB & GUTTER TYPE (A').
5. SIDEWALK SHALL BE PAID BY SQUARE YARD, BY CONCRETE SIDEWALK (A').

(G) GUTTER CROSS SLOPES SHALL BE 1 IN./FT. WHEN DRAINING TOWARD CURB, AND 1/2 IN./FT WHEN DRAINING AWAY FROM CURB.

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CURB, GUTTERS, AND SIDEWALK — DETAIL PLAN NO. CG-1 — Sheet 1 of 1

Issued By: Town of Castle Rock, Development Services March 31, 2010

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

COLORADO LICENSED PROFESSIONAL ENGINEER — MARTIN RAY METSKER — 41743 — 07/29/2026

DXD CASTLE ROCK STORAGE

CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS DETAILS (2 OF 4)

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

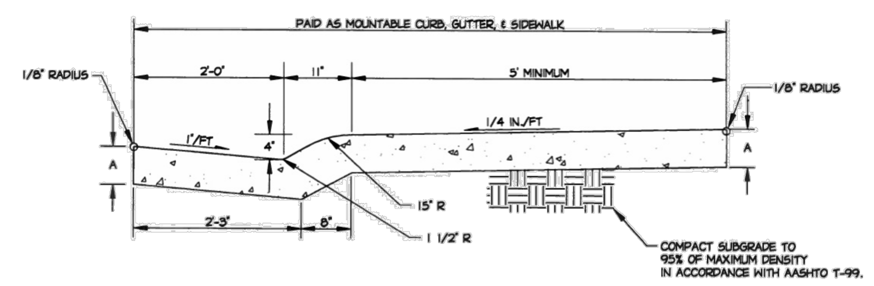
APPROVED BY:

DEVELOPMENT SERVICES APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
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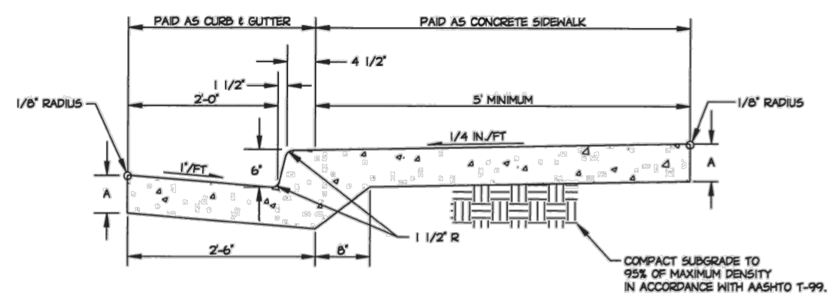
DEVELOPMENT SERVICES   DATE

CD26-0014

Know what's below. Call before you dig. 811



MOUNTABLE CURB, GUTTER, & SIDEWALK



VERTICAL CURB, GUTTER, & SIDEWALK

GENERAL NOTES

1. DIMENSION A SHALL BE 6", 8", OR 10" (SEE PLANS).
2. CONTRACTION JOINTS REQUIRED AT MAXIMUM 10' SPACING, MINIMUM 5' SPACING. THE DEPTH OF OPEN JOINTS SHALL BE 1/3 THE DEPTH OF CONCRETE.
3. EXPANSION JOINTS, AT INTERVALS OF 300', SHALL BE PLACED FOR THE FULL DEPTH OF THE CONCRETE.
4. CURB & GUTTER SHALL BE PAID BY LINEAL FOOT, BY CURB & GUTTER TYPE (A").
5. SIDEWALK SHALL BE PAID BY SQUARE YARD, BY CONCRETE SIDEWALK (A").
6. MOUNTABLE CURB, GUTTER, & SIDEWALK SHALL BE PAID BY SQUARE YARD, BY MOUNTABLE C, G, & W (A").
7. CURB, GUTTERS, & ATTACHED SIDEWALKS SHALL BE PLACED MONOLITHIC.

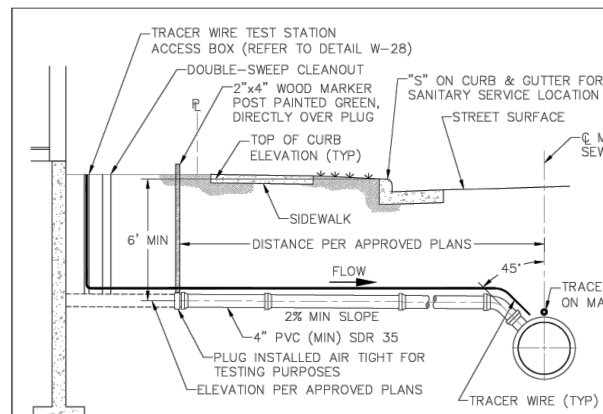
Sheet Revisions	
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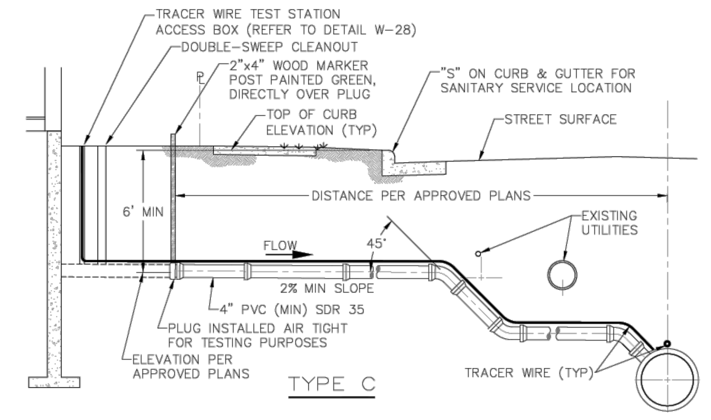
CURB, GUTTERS, & ATTACHED SIDEWALK

Issued By: Town of Castle Rock, Development Services March 31, 2010

DETAIL PLAN NO. CG-2 — Sheet 1 of 1

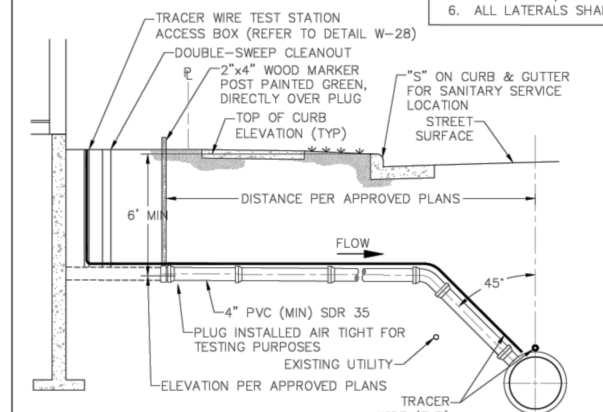


TYPE A

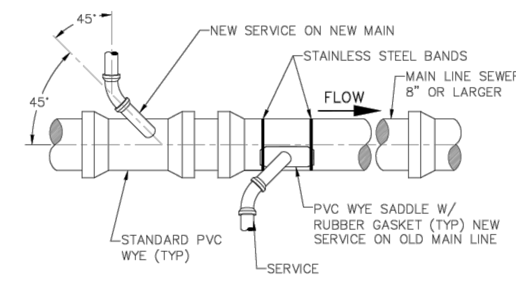


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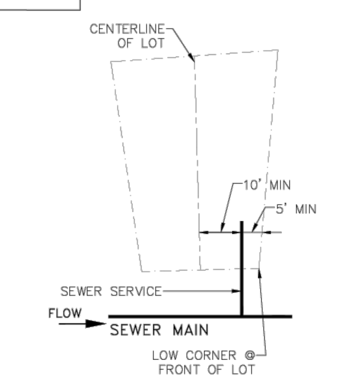
NOTES:
1. TYPE "A" ELEMENTS ARE TYPICAL FOR ALL TYPES UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL LATERALS SHALL BE LOCATED 10' MINIMUM DISTANCE FROM THE DOWNHILL PROPERTY LINE OF THE SERVICE SIDE OF THE LOT, UNLESS OTHERWISE APPROVED BY THE TOWN PRIOR TO INSTALLATION.
3. ALL SEWER LATERAL CONNECTIONS SHALL BE TYPE "A" AND SHALL BE CONSTRUCTED ON A STRAIGHT LINE AND GRADE BETWEEN CONTROL POINTS EXCEPT AS OTHERWISE INDICATED ON THE APPROVED PROJECT PLANS.
4. TRACER WIRE IS REQUIRED FOR ALL SANITARY SEWER MAINS, LATERALS AND MANHOLES.
5. TRACER WIRE SHALL BE BROUGHT UP IN A TRACER WIRE TEST STATION LOCATED BETWEEN CLEANOUT AND FOUNDATION, AND IS TO BE PROVIDED BY THE BUILDER.
6. ALL LATERALS SHALL BE INSTALLED WITH BEDDING MATERIAL A MINIMUM OF 4" ABOVE AND BELOW THE PIPE.



TYPE B



PLAN



SERVICE LOCATION DETAIL

Sheet Revisions	
Date	Comments
3/20	REVISED PER STAFF COMMENTS
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SEWER LATERAL CONNECTIONS

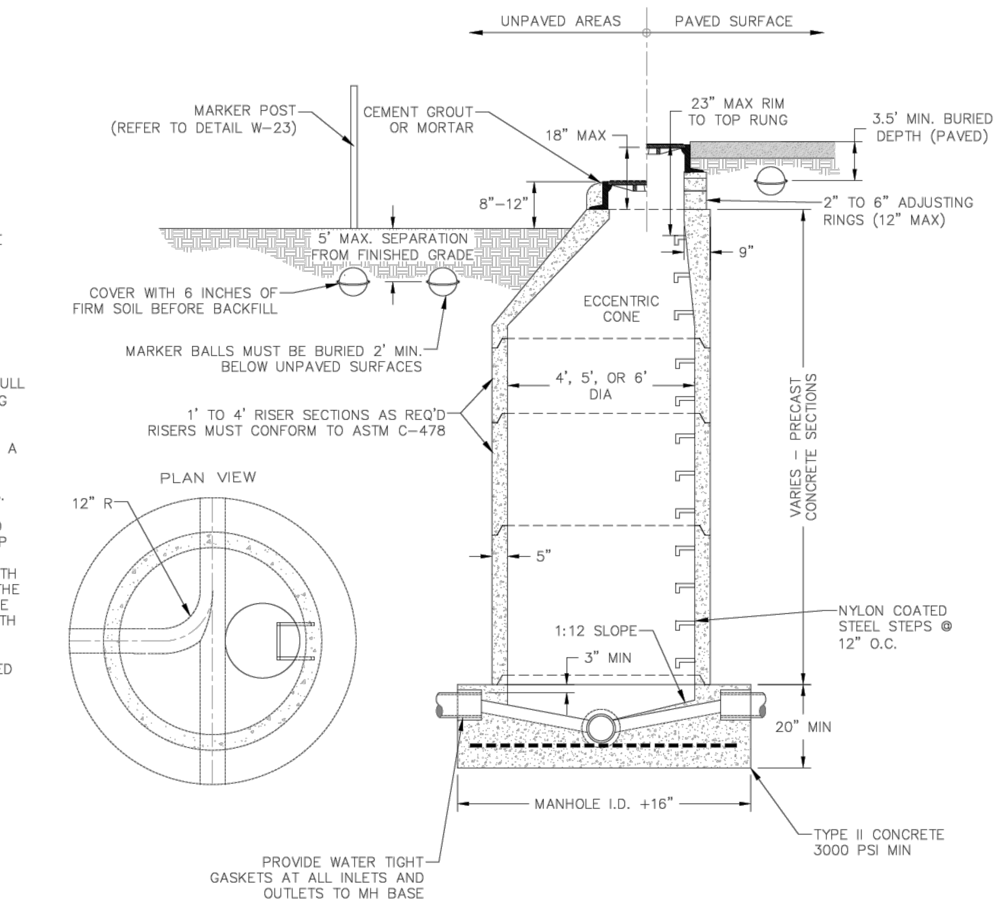
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DETAIL PLAN NO. SS-2 — Sheet 1 of 1

PIPE I.D.	MANHOLE I.D.
18" & SMALLER	4'-0"
21" TO 48"	5'-0"
54"	6'-0"
60" & LARGER	SPECIAL DESIGN

NOTES:

1. MANHOLE RISER MINIMUM DIAMETER SHALL CONFORM TO THE TABLE ABOVE.
2. ALL MANHOLES SHALL BE SET ON 1 FOOT OF ¾-INCH CRUSHED ROCK.
3. FLAT CONCRETE MANHOLE TOPS MAY BE USED INSTEAD OF CONE SECTIONS WHERE RIM TO INVERT IS 7'-0" OR LESS.
4. SET EACH SECTION (RISER, CONE, ADJUSTING RINGS) IN A FULL BED OF BITUMINOUS MASTIC (RAMNECK) OR PLASTIC SEALING COMPOUND.
5. MANHOLE STEPS SHALL BE POSITIONED OVER THE BENCH IN A VERTICAL LINE.
6. NO MANHOLE STEPS ARE ALLOWED IN THE ADJUSTING RINGS.
7. ON STRAIGHT THROUGH GRADES, SEWER MAINS MAY BE LAID THROUGH THE MANHOLE AND USED AS THE INVERT. THE TOP ½ PORTION OF THE PIPE SHALL BE CUT AWAY TO A NEAT LINE. ANY BROKEN EDGES SHALL BE PLASTERED SMOOTH WITH CONCRETE MORTAR. IF GRADE IS NOT STRAIGHT THROUGH, THE FLOWLINES AT THE BASE SHALL BE HAND FORMED WHEN THE BASE IS POURED. FLOWLINES SHALL BE GROUND SMOOTH WITH A CONCRETE FINISHING STONE.
8. MANHOLE LID SHALL BE ¼-INCH BELOW ASPHALT AND TIPPED TO CONFORM WITH PAVEMENT SLOPES.
9. PLACE MARKER BALLS EVERY 50 FEET AND AT PIPE JUNCTIONS.
10. PRESSURIZED STORM SEWER PIPES AND SANITARY SEWER FORCE MAINS REQUIRE TRACER WIRE INSTALLATION.



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12/22	REVISED PER STAFF COMMENTS

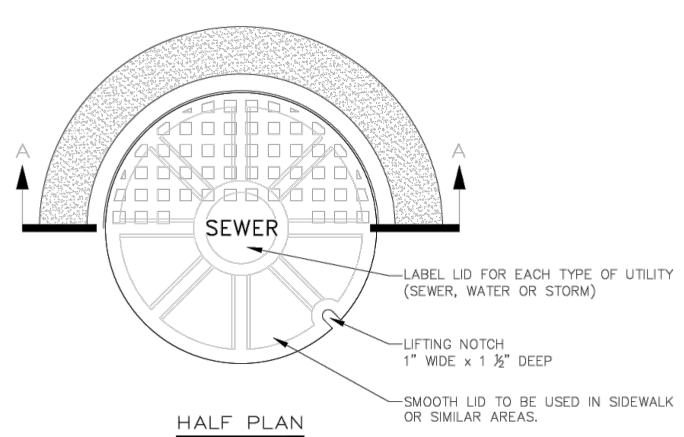
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SANITARY AND STORM SEWER MANHOLE

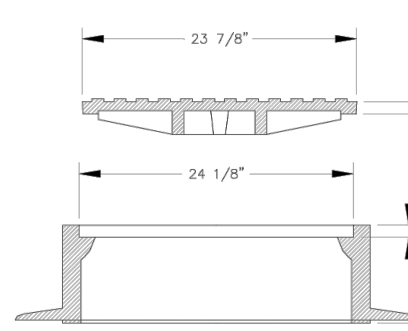
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DETAIL PLAN NO. SS-3 — 1 of 1

NOTES:
1. CASTING SPECIFICATIONS: ASTM A-48 WITH A MINIMUM TENSILE STRENGTH OF 30,000 PSI (CLASS 30). (NEENAH TYPE R-1706 RING & COVER OR EQUIVALENT).
2. TOTAL MINIMUM WEIGHT APPROXIMATELY 410 LBS.
3. DO NOT USE IN APPLICATIONS WHERE MANHOLES ARE WITHIN DRAINAGE WAYS.
4. STANDARD MANUFACTURER'S LETTERING SIZES & PATTERNS. (LETTERING SHALL BE CAST AS PART OF COVER.)
5. MANHOLE OUTSIDE OF R.O.W. MUST HAVE A LOCKING LID AND CARSONITE MARKER.
6. TRACER WIRE REQUIRED FOR ALL SEWER MAINS, LATERALS AND MANHOLES. REFER TO DETAILS SD-5, SS-2, SS-11, AND W-28.



HALF PLAN



SECTION A — A

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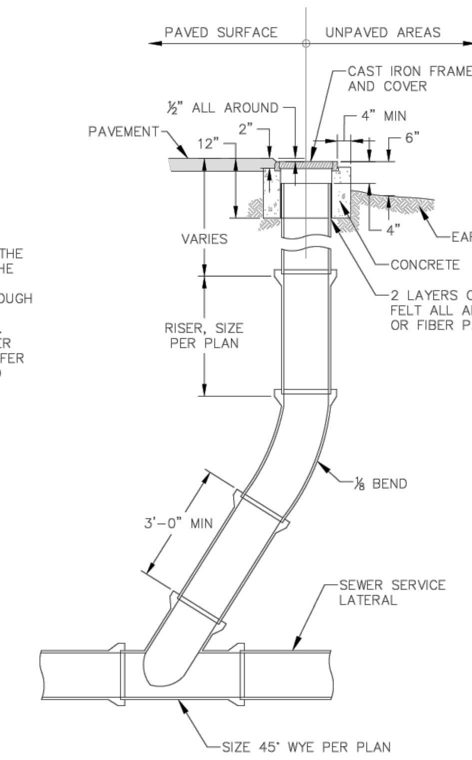
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SEWER MANHOLE 24" RING & COVER

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DETAIL PLAN NO. SS-4 — Sheet 1 of 1

NOTES:
1. CLEANOUT PIPE DIAMETER SHALL BE THE SAME SIZE AS THE SEWER LINE AT THE WYE.
2. SEWER IS NOT TO BE CONVEYED THROUGH CLEANOUT.
3. CLEANOUT IS FOR PRIVATE USE ONLY.
4. TRACER WIRE REQUIRED FOR ALL SEWER MAINS, LATERALS AND MANHOLES. REFER TO DETAILS SD-5, SS-2, SS-11, AND W-28.



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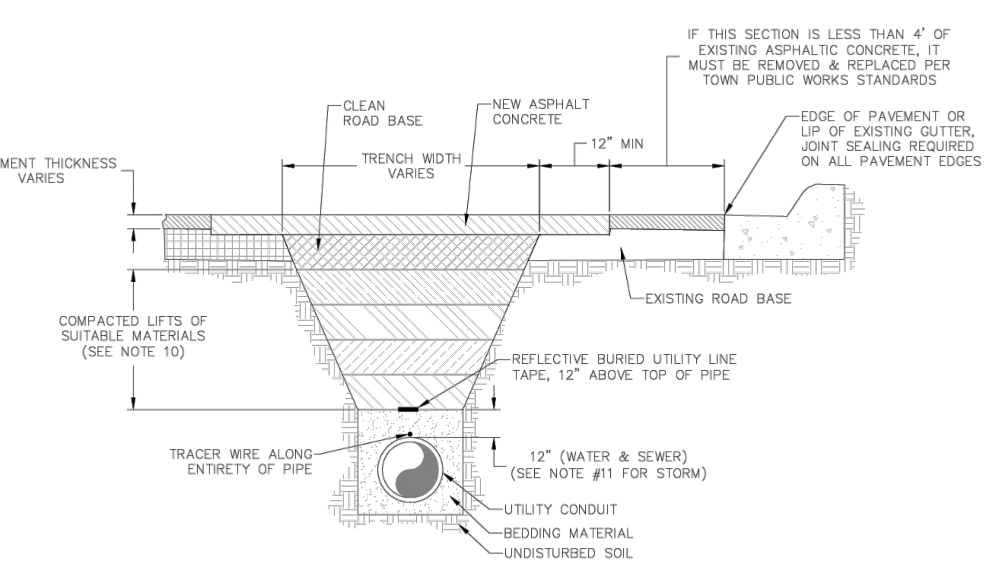
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SEWER CLEANOUT

Issued By: Town of Castle Rock, Development Services January 1, 2023

DETAIL PLAN NO. SS-7 — Sheet 1 of 1

NOTES:
1. ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH THIS DETAIL UNLESS OTHERWISE SPECIFIED BY PUBLIC WORKS.
2. PRIOR TO PLACEMENT OF CONCRETE, ALL EDGES SHALL BE SAW CUT TO A CLEAN, STRAIGHT, AND VERTICAL EDGE.
3. PRIOR TO PLACEMENT OF ASPHALT, 18 INCHES OF ADJACENT ASPHALT SHALL BE MILLED TO 2 INCH DEPTH ON ALL SIDES TO MATCH EXISTING PAVEMENT. INNER SURFACE TO BE TACKED WITH HSS-1.
4. WHEN SUBSTITUTING FOR BACKFILL MATERIAL, FLOWABLE FILL SHALL CONFORM TO MGPEC CLSM STANDARDS.
5. TRENCH WIDTH SHALL NOT BE MORE THAN 16" NOR LESS THAN 12" WIDER THAN THE DIAMETER OF THE PIPE.
6. 95% OF ASTM D698 STANDARD COMPACTION EFFORT IS REQUIRED ON ALL TRENCHING ZONES, IN BOTH IMPROVED & UNIMPROVED AREAS.
7. IN UNIMPROVED AREAS, ALL DISTURBED AREAS SHALL BE REGRADED, SEEDED & MULCHED.
8. IN CONCRETE ROADWAYS, A MINIMUM OF 1/2 PANEL WIDTH OR 10' x 5' SECTION WILL BE ALLOWED TO REMAIN, OTHERWISE THE ENTIRE CONCRETE PANEL MUST BE REPLACED.
9. USE #4 REBAR AT 2' CENTERS ALONG THE PERIMETER OF CONCRETE REPLACEMENT SECTIONS.
10. 6" MAXIMUM COMPACTED LIFT THICKNESS IF FLOWABLE FILL NOT REQUIRED.
11. BEDDING MATERIAL DEPTH WHEN INSTALLING STORM SEWER SHALL BE UP TO SPRING LINE, EXCEPT IN AREAS OF UNSUITABLE BACKFILL, THEN BEDDING MATERIAL SHALL BE 12" ABOVE PIPE.
12. TRENCH WIDTHS LESS THAN 4' OR TRENCHING THAT EXPERIENCES CAVE-INS OR SLOUGHING SHALL REQUIRE FLOWABLE FILL IN ORDER TO ACHIEVE COMPACTION.



Sheet Revisions	
Date	Comments
3/20	REVISED PER STAFF COMMENTS
8/22	REVISED PER STAFF COMMENTS

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SANITARY SEWER TRENCH DETAIL

Issued By: Town of Castle Rock, Development Services January 1, 2023

DETAIL PLAN NO. SS-8 — Sheet 1 of 1

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

DEVELOPMENT SERVICES **APPROVED**
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES — DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

COLORADO LICENSED PROFESSIONAL ENGINEER — MARTIN RAY METSKER — 41743 — 07/29/2026

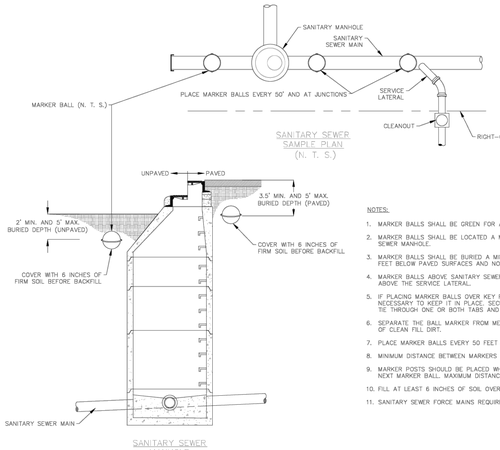
DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO

CONSTRUCTION DOCUMENTS
DETAILS (3 OF 4)

Know what's below. Call before you dig. 811

SHEET 29 OF 30

7/29/2026 9:57 AM, X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00 - OVERALL\CDS DETAIL SHEET - DXD.DWG 03



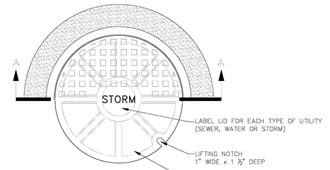
NOTES:

1. MARKER BALLS SHALL BE GREEN FOR ALL SANITARY SEWER LATERALS AND MANHOLES.
2. MARKER BALLS SHALL BE LOCATED A MAXIMUM OF 6 FEET FROM EVERY SANITARY SEWER MANHOLE.
3. MARKER BALLS SHALL BE BURIED A MINIMUM OF 2 FEET BELOW UNPAVED SURFACES, 3.5 FEET BELOW PAVED SURFACES AND NO DEEPER THAN 5 FEET BELOW FINISHED GRADE.
4. MARKER BALLS ABOVE SANITARY SEWER SERVICE LATERALS MUST BE LOCATED DIRECTLY ABOVE THE SERVICE LATERAL.
5. IF PLACING MARKER BALLS OVER KEY POINTS, A TIE-DOWN PROCEDURE MAY BE NECESSARY TO KEEP IT IN PLACE. SECURE THE MARKER BALL BY INSERTING A CABLE TIE THROUGH ONE OR BOTH TABS AND AROUND THE CIRCUMFERENCE OF THE PIPE.
6. SEPARATE THE BALL MARKER FROM METALLIC KEY POINTS WITH A MINIMUM OF 4 INCHES OF CLEAN FILL DIRT.
7. PLACE MARKER BALLS EVERY 50 FEET AND AT PIPE JUNCTIONS.
8. MINIMUM DISTANCE BETWEEN MARKERS SHOULD BE AT LEAST 6 FEET.
9. MARKER POSTS SHOULD BE PLACED WHERE THERE IS DIRECT LINE OF SIGHT TO THE NEXT MARKER BALL. MAXIMUM DISTANCE BETWEEN MARKER POSTS SHOULD BE 400 FEET.
10. FILL AT LEAST 6 INCHES OF SOIL OVER THE MARKER BALL BEFORE BACKFILL.
11. SANITARY SEWER FORCE MAINS REQUIRE TRACER WIRE INSTALLATION.

Sheet Revisions		
Date	Comments	
12/21	REVISED PER STAFF COMMENTS	
10/22	REVISED PER STAFF COMMENTS	

Town of Castle Rock
100 N. Wilcox St.
Castle Rock, CO 80104
Phone: (720) 733-2200
Fax: (720) 733-2217
Development Services

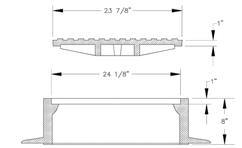
MARKER BALLS FOR SANITARY SEWERS	DETAIL PLAN NO.
Issued By: Town of Castle Rock, Development Services January 1, 2023	SS-11
	Sheet 1 of 1



HALF PLAN

NOTES:

1. CASTING SPECIFICATIONS: ASTM A-48 WITH A MINIMUM TENSILE STRENGTH OF 30,000 PSI (CLASS 30). (NEENAH TYPE R-1706 RING & COVER OR EQUIVALENT).
2. TOTAL MINIMUM WEIGHT APPROXIMATELY 410 LBS.
3. DO NOT USE IN APPLICATIONS WHERE MANHOLES ARE WITHIN DRAINAGE WAYS.
4. STANDARD MANUFACTURER'S LETTERING SIZES & PATTERNS. (LETTERING SHALL BE CAST AS PART OF COVER.)
5. MANHOLE OUTSIDE OF R.O.W. MUST HAVE A LOCKING LID AND CARSONITE MARKER.
6. TRACER WIRE REQUIRED FOR ALL SEWER MAINS, LATERALS AND MANHOLES. REFER TO DETAILS SD-5, SS-2, SS-11, AND W-28.



SECTION A – A

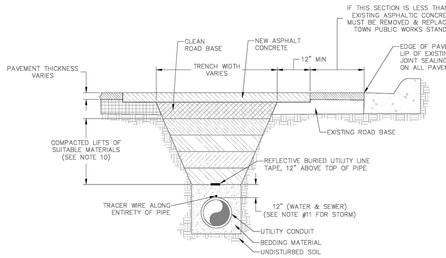
Sheet Revisions	
Date	Comments
3/20	REVISED PER STAFF COMMENTS

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100 N. Wilcox St.
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STORM SEWER MANHOLE 24" RING & COVER	DETAIL PLAN NO.
Issued By: Town of Castle Rock, Development Services January 1, 2023	SD-1
	Sheet 1 of 1

NOTES:

1. ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH THIS DETAIL UNLESS OTHERWISE SPECIFIED BY PUBLIC WORKS.
2. PRIOR TO PLACEMENT OF CONCRETE, ALL EDGES SHALL BE SAW CUT TO A CLEAN, STRAIGHT, AND VERTICAL EDGE.
3. PRIOR TO PLACEMENT OF ASPHALT, 18 INCHES OF ADJACENT ASPHALT SHALL BE MILLED TO 2 INCH DEPTH ON ALL SIDES TO MATCH EXISTING PAVEMENT. INNER SURFACE TO BE TACKED WITH HSS-1.
4. WHEN SUBSTITUTING FOR BACKFILL MATERIAL, FLOWABLE FILL SHALL CONFORM TO MGPED CLSM STANDARDS.
5. TRENCH WIDTH SHALL NOT BE MORE THAN 16" NOR LESS THAN 12" WIDER THAN THE DIAMETER OF THE PIPE.
6. 95% OF ASTM D698 STANDARD COMPACTION EFFORT IS REQUIRED ON ALL TRENCHING ZONES, IN BOTH IMPROVED & UNIMPROVED AREAS.
7. IN UNIMPROVED AREAS, ALL DISTURBED AREAS SHALL BE REGRADED, SEEDED & MULCHED.
8. IN CONCRETE ROADWAYS, A MINIMUM OF 1/2 PANEL WIDTH OR 10' x 5' SECTION WILL BE ALLOWED TO REMAIN, OTHERWISE THE ENTIRE CONCRETE PANEL MUST BE REPLACED.
9. USE #4 REBAR AT 2' CENTERS ALONG THE PERIMETER OF CONCRETE REPLACEMENT SECTIONS.
10. 6" MAXIMUM COMPACTED LIFT THICKNESS IF FLOWABLE FILL NOT REQUIRED.
11. BEDDING MATERIAL DEPTH WHEN INSTALLING STORM SEWER SHALL BE UP TO SPRING LINE, EXCEPT IN AREAS OF UNSUITABLE BACKFILL, THEN BEDDING MATERIAL SHALL BE 12" ABOVE PIPE.
12. TRENCH WIDTHS LESS THAN 4' OR TRENCHING THAT EXPERIENCES CAVE-INS OR SLOUGHING SHALL REQUIRE FLOWABLE FILL IN ORDER TO ACHIEVE COMPACTION.



Sheet Revisions	
Date	Comments
3/20	REVISED PER STAFF COMMENTS
8/22	REVISED PER STAFF COMMENTS

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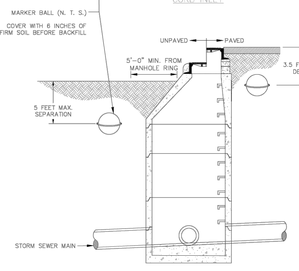
STORM SEWER TRENCH DETAIL	DETAIL PLAN NO.
Issued By: Town of Castle Rock, Development Services January 1, 2023	SD-2
	Sheet 1 of 1

STORM SEWER SAMPLE PLAN

CURB INLET

NOTES:

1. MARKER BALLS SHALL BE GREEN FOR ALL STORM SEWER LATERALS AND MANHOLES.
2. MARKER BALLS SHALL BE LOCATED A MAXIMUM OF 6 FEET FROM EVERY STORM SEWER MANHOLE.
3. MARKER BALLS SHALL BE BURIED A MINIMUM OF 2 FEET BELOW UNPAVED SURFACES, 3.5 FEET BELOW PAVED SURFACES AND NO DEEPER THAN 5 FEET BELOW FINISHED GRADE.
4. MARKER BALLS ABOVE STORM SEWER LATERALS MUST BE LOCATED DIRECTLY ABOVE THE STORM SEWER LATERAL.
5. IF PLACING MARKER BALLS OVER KEY POINTS, A TIE-DOWN PROCEDURE MAY BE NECESSARY TO KEEP IT IN PLACE. SECURE THE MARKER BALL BY INSERTING A CABLE TIE THROUGH ONE OR BOTH TABS AND AROUND THE CIRCUMFERENCE OF THE PIPE.
6. SEPARATE THE BALL MARKER FROM METALLIC KEY POINTS WITH A MINIMUM OF 4 INCHES OF CLEAN FILL DIRT.
7. PLACE MARKER BALLS EVERY 50 FEET AND AT PIPE JUNCTIONS.
8. MINIMUM DISTANCE BETWEEN MARKERS SHOULD BE AT LEAST 6 FEET.
9. MARKER POSTS SHOULD BE PLACED WHERE THERE IS DIRECT LINE OF SIGHT TO THE NEXT MARKER BALL. MAXIMUM DISTANCE BETWEEN MARKER POSTS SHOULD BE 400 FEET.
10. FILL AT LEAST 6 INCHES OF SOIL OVER THE MARKER BALL BEFORE BACKFILL.



STORM SEWER MANHOLE

Sheet Revisions	
Date	Comments
12/21	REVISED PER STAFF COMMENTS
10/22	REVISED PER STAFF COMMENTS
10/22	REVISED PER STAFF COMMENTS

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MARKER BALLS FOR STORM SEWERS	DETAIL PLAN NO.
Issued By: Town of Castle Rock, Development Services January 1, 2023	SD-5
	Sheet 1 of 1

VINYL APPLICATIONS •

SIGN TYPE	MATERIALS
STOP	DIAMOND GRADE CUBED
YIELD	DIAMOND GRADE CUBED
4-WAY	DIAMOND GRADE CUBED
SPEED LIMIT	DIAMOND GRADE CUBED
SCHOOL	DG3 YELLOW/GREEN
PEDESTRIAN	DG3 YELLOW/GREEN
ALL OTHERS	HIP COLORS

NOTE: ENGINEER GRADE AND HI INTENSITY WILL NO LONGER BE USED UNLESS PRIOR APPROVAL FROM SUPERVISOR IS OBTAINED.

• ALL SHEETING MUST CONFORM TO THE CURRENT MUTCD EDITION REQUIREMENTS FOR RETRO-REFLECTIVITY LEVELS. THE TABLE AT THE LEFT IS THE MINIMUM STANDARD UNLESS FOUND TO BE NONCOMPLIANT WITH THE LATEST MUTCD REQUIREMENTS.

WHEN A SIGN BASE FALLS WITHIN A HARDSCAPE AREA, A 3" PVC SLEEVE SHALL BE INSTALLED AT THE SIGN LOCATION PRIOR TO PLACEMENT OF THE CONCRETE.

SIGN POSTS SHALL BE 1.75" X 1.75", SIGN BASES SHALL BE 2' X 2' WHEN SIGNS ARE SMALLER THAN 36" X 36". SIGN POSTS SHALL BE 2" X 2", SIGN BASES SHALL BE 2.25' X 2.25' WHEN SIGNS ARE 36" X 36" OR BIGGER. SIGN POSTS AND BASES SHALL BE STEEL PERFORATED SQUARE TUBING AS SUPPLIED BY UNISTRUT, OR APPROVED EQUAL.

Sheet Revisions	
Date	Comments

Town of Castle Rock
100 N. Wilcox St.
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SIGN POST & BASE DETAIL	DETAIL PLAN NO.
Issued By: Town of Castle Rock, Development Services March 31, 2010	ST-1
	Sheet 1 of 1

NOTES:

1. LEGEND TO BE WHITE ON BLUE BACKGROUND FOR PUBLIC STREETS.
2. LEGEND TO BE WHITE ON BROWN BACKGROUND FOR PRIVATE STREETS.
3. CASTLE ROCK LOGO TO BE USED ON COLLECTORS & HIGHER ONLY.
4. LETTER HEIGHTS MUST CONFORM TO LATEST MUTCD EDITION. ON LOCAL TWO-LANES STREETS WITH SPEED LIMITS OF 25 MPH OR LESS, 4" INITIAL UPPER-CASE LETTERS WITH 3" LOWER-CASE LETTERS MUST BE USED.
5. SHEETING MATERIAL TO BE: BACKGROUND = DIAMOND GRADE CUBED, OVERLAY = ELECTROCUT.

Sheet Revisions	
Date	Comments
3/22	REVISED NOTE 4

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STREET NAME SIGN	DETAIL PLAN NO.
Issued By: Town of Castle Rock, Development Services March 31, 2010	ST-2
	Sheet 1 of 1

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

TOWN OF CASTLE ROCK COLORADO

DEVELOPMENT SERVICES
APPROVED
By jkirkpatrick
on 08/17/2026
APPROVED-CD26-0014 Plans.pdf
Record Document on File

DEVELOPMENT SERVICES DATE

CD26-0014

terracina design
10200 E. Girard Ave, A-314
Denver, CO 80231
ph: 303.632.8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/17/2026	MM
2	2ND SUBMITTAL	06/10/2026	MM
3	3RD SUBMITTAL	07/10/2026	MM

COLORADO LICENSED
KAY MARIE KIRKPATRICK
21183
07/29/2026
PROFESSIONAL ENGINEER

DXD CASTLE ROCK STORAGE
CASTLE ROCK, COLORADO
CONSTRUCTION DOCUMENTS
DETAILS (4 OF 4)

Know what's below. Call before you dig. 811

SHEET 30 OF 30

7/29/2026 9:57 AM - X:\DXD CAPITAL - MEADOWS STORAGE\CAD\PLANS\00- OVERALL\CDS DETAIL SHEET - DXD.DWG 04