HIGH NOTE REGIONAL PARK

CONSTRUCTION DOCUMENTS

A PART OF SECTION 23 AND 24, TOWNSHIP 6 SOUTH,
RANGE 67 WEST OF THE 6TH P.M.
CITY OF LONE TREE, COUNTY OF DOUGLAS
STATE OF COLORADO

ABBREVIATIONS:

APPROX	APPROXIMATE
ARCH	ARCHITECT
BLDG	BUILDING
BM	BENCHMARK
BOC	BACK OF CURB
CIP	CAST IRON PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTOUR
COR	CORNER
CU	COPPER
DEMO	DEMOLITION
DIA OR ø	DIAMETER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DTL.	DETAIL
EL	ELEVATION
ELEC	ELECTRICAL
ESMT	EASEMENT
EX	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FES	FLARED END SECTION
FFE	FINISHED FLOOR ELEVATION
FGW	FINISHED GRADE AT WALL
FHY	FIRE HYDRANT
FL	FLOW LINE
FT	FOOT
GB	GRADE BREAK
GR	GRATE (AREA OR VALLEY INLETS)
GV	GATE VALVE
HERCP	HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HGL	HYDRAULIC GRADE LINE
HORZ	HORIZONTAL
HP	HIGH POINT
INV	INVERT
LF	LINEAL FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MH	MANHOLE
MIN	MINIMUM
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENCY
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PIV	PRESSURE INDICATOR VALVE
PL	PROPERTY LINE
PLBG	PLUMBING
PRKG	PARKING
PRV	PRESSURE REDUCING VALVE
PVC	POLYVINYL CHLORIDE PIPE
PVMT	PAVEMENT
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
R.O.W.	RIGHT OF WAY
RT	RIGHT
SSWR	SANITARY SEWER
SF	SQUARE FOOT
STA	STATION
STRM	STORM SEWER
STRC	STRUCTURAL
SWLK	SIDEWALK
SY	SQUARE YARD
TELE	TELEPHONE
TB	THRUST BLOCK
TEMP	TEMPORARY
TOC	TOP OF CURB
TOW	TOP OF WALL (RE: NOTE BELOW)
TYP.	TYPICAL
UD	UNDER DRAIN
UG	UNDERGROUND
VERT	VERTICAL
VC	VERTICAL CURVE

NOTE: TOW SHALL BE TOP OF WATER ON UTILITY SHEETS ONLY AND TOP OF WALL ON ALL OTHER SHEETS.

CONTACTS:

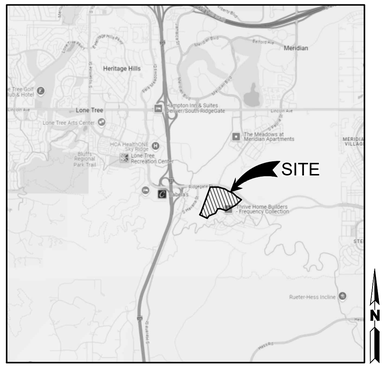
ENGINEER:
MARTIN/MARTIN, INC.
12499 W. COLFAX AVE.
LAKEWOOD, CO 80215
ATTN: SCOTT E. PALING, P.E.
303-431-6100

SURVEYOR:
BAILEY PROFESSIONAL SOLUTIONS
ATTN: ALAN BAILEY, P.L.S.
303-587-1672

ARCHITECT:
TRYBA ARCHITECTS
1620 LOGAN ST.
DENVER, CO 80203
303-831-4010

OWNERS:
CITY OF LONE TREE
9220 KIMMER DR., SUITE 100
LONE TREE, COLORADO 80124
303-708-1818

SOUTH SUBURBAN PARKS & RECREATION
4810 E. COUNTY LINE RD.
LITTLETON, CO 80216
303-798-5131



VICINITY MAP
SCALE: 1"=2000'

CITY OF LONE TREE GENERAL NOTES:

1. THE PROPERTY DESCRIBED HEREIN IS SUBJECT TO ALL APPLICABLE REQUIREMENTS OF THE LONE TREE ZONING CODE AND DESIGN STANDARDS, INCLUDING BUT NOT LIMITED TO, PROPERTY MAINTENANCE, LIGHTING, PARKING, SIGNAGE, LANDSCAPING AND OUTDOOR STORAGE, EXCEPT AS MAY OTHERWISE BE ADDRESSED IN AN APPROVED PLANNED DEVELOPMENT PLAN, SUB- AREA PLAN, OR OTHER APPLICABLE PLAN OR AGREEMENT APPROVED BY THE CITY.

2. THE APPLICANT ASSUMES RESPONSIBILITY TO ENSURE THE PROJECT IS COMPLETED IN ACCORDANCE WITH THE APPROVED SIP AND ANY ASSOCIATED MATERIALS SAMPLE BOARDS AND FURTHER ASSUMES THE RISK ASSOCIATED WITH ANY CHANGES OR OMISSIONS MADE WITHOUT PRIOR CITY APPROVAL. MODIFICATIONS TO STRUCTURES OR SITES MAY REQUIRE AN AMENDMENT TO THE SIP AS DETERMINED BY THE CITY'S COMMUNITY DEVELOPMENT DIRECTOR, PER SEC. 16-27-180. UNAUTHORIZED CHANGES OR OMISSIONS MADE WITHOUT PRIOR CITY APPROVAL CORRECTIVE ACTIONS, DELAY OF PERMITS OR CITATIONS FOR ZONING VIOLATIONS WITH ASSOCIATED FINES AND LEGAL MEASURES. BUILDING PLANS SHALL CONFORM TO THE APPROVED SIP.

3. WITHIN SITE TRIANGLES, AS SHOWN, LIMITED LANDSCAPING SHALL BE ALLOWED WITH NO SOLID STRUCTURES PERMITTED AS STATED IN THE CITY OF LONE TREE'S LANDSCAPE DESIGN GUIDELINES AND STANDARDS FOR LANDSCAPING. LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE MAINTAINED BY THE PROPERTY OWNER OR APPROPRIATE ASSOCIATION OR DISTRICT, AS MAY BE IDENTIFIED IN MAINTENANCE AGREEMENTS RECORDED WITH THE DOUGLAS COUNTY CLERK AND RECORDER'S OFFICE.

4. THE OWNER IS RESPONSIBLE FOR THE INSTALLATION OF ALL ROADWAY SIGNAGE, INCLUDING "NO PARKING/FIRE LANE" SIGNAGE, AS REQUIRED BY THE CITY PUBLIC WORKS DEPARTMENT AND/OR THE FIRE DISTRICT. SUCH SIGNAGE SHALL BE MAINTAINED BY THE PROPERTY OWNER OR APPROPRIATE ASSOCIATION OR DISTRICT, AS MAY BE IDENTIFIED IN MAINTENANCE AGREEMENTS RECORDED WITH THE DOUGLAS COUNTY CLERK AND RECORDER'S OFFICE.

5. SITE LANDSCAPING, SITE AMENITIES AND FURNISHINGS, AND ALL SITE IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, SIDEWALKS AND PARKING AREAS SHALL BE MAINTAINED IN A STATE OF GOOD REPAIR CONSISTENT WITH THE APPROVED SIP AND THE LONE TREE MUNICIPAL CODE AND DESIGN GUIDELINES AND STANDARDS. SUCH MAINTENANCE SHALL INCLUDE THE REGULAR MAINTENANCE OF PET WASTE STATIONS (WHEN PRESENT), TO INCLUDE WASTE COLLECTION AND WASTE BAG REPLACEMENT. LANDSCAPE PLANTINGS MUST BE ALIVE AND ALL IRRIGATION MUST BE FUNCTIONAL. ALL MAINTENANCE OBLIGATIONS SHALL BE COMPLETED BY THE PROPERTY OWNER OR APPROPRIATE ASSOCIATION OR DISTRICT, AS MAY BE IDENTIFIED IN MAINTENANCE AGREEMENTS RECORDED WITH THE DOUGLAS COUNTY CLERK AND RECORDER'S OFFICE.

6. THE CITY OF LONE TREE REQUIRES THAT MAINTENANCE ACCESS BE PROVIDED TO ALL STORM DRAINAGE FACILITIES TO ASSURE CONTINUOUS OPERATIONAL CAPABILITY OF THE SYSTEM. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL DRAINAGE FACILITIES, INCLUDING INLETS, PIPES, CULVERTS, CHANNELS, DITCHES, HYDRAULIC STRUCTURES AND DETENTION BASINS LOCATED ON THEIR LAND UNLESS MODIFIED BY THE SITE IMPROVEMENT PLAN IMPROVEMENTS AGREEMENT. SHOULD THE OWNER FAIL TO ADEQUATELY MAINTAIN SAID FACILITIES, THE CITY OF LONE TREE SHALL HAVE THE RIGHT TO ENTER SAID LAND FOR THE PURPOSES OF OPERATIONS AND MAINTENANCE. ALL SUCH MAINTENANCE COSTS WILL BE ASSESSED TO THE PROPERTY OWNER OR THE RESPONSIBLE MAINTENANCE AUTHORITY.

7. ALL PLANTS INSTALLED SHALL FOLLOW THE PLANT SCHEDULE, INSTALLATION INSTRUCTIONS AND THE LANDSCAPE DRAWINGS ON THE APPROVED LANDSCAPE PLAN INCLUDED IN THIS SITE IMPROVEMENT PLAN. ANY CHANGES TO THE APPROVED LANDSCAPE PLAN, TO INCLUDE PLANT SUBSTITUTIONS, MUST BE APPROVED BY THE CITY IN ADVANCE OF INSTALLATION.

8. ALL MULCH AND/OR ROCK COBBLE SHALL BE INSTALLED AND MAINTAINED TO THE DEPTH(S) PROVIDED ON THE APPROVED LANDSCAPE PLAN INCLUDED IN THIS SITE IMPROVEMENT PLAN. ORGANIC MULCH SHALL NOT BE PLACED WITHIN SIX (6) FEET OF STORM INLETS.

9. THE USE OF IMPERMEABLE SHEET PLASTIC AS A WEED BARRIER IS PROHIBITED.

10. IRRIGATION SHALL OCCUR BETWEEN THE HOURS OF 8:00 P.M. AND 6:00 A.M.

11. ANY IRRIGATION EQUIPMENT MOUNTED TO THE BUILDING SHALL BE PAINTED TO MATCH THE BUILDING.

12. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY, NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP FOR THE CITY OF LONE TREE, DOUGLAS COUNTY, COLORADO COMMUNITY PANEL NUMBER 08035C0063H, DATED SEPTEMBER 04, 2020, THE SUBJECT PROPERTY LIES WITHIN ZONE AO, "AREAS DETERMINED TO BE INSIDE OF THE 1% ANNUAL CHANCE FLOOD."

13. DEVELOPER IS RESPONSIBLE FOR INSTALLING PARKING SIGNS THAT:
   A. RESTRICT THE SURFACE PARKING LOT TO ACCESSIBLE, CUSTOMER AND PROSPECTIVE TENANT PARKING, AND LOADING/DELIVERIES; AND
   B. PROHIBIT RESIDENTIAL VISITOR PARKING. ALL TENANT, VISITOR AND EMPLOYEE PARKING MUST BE RESTRICTED TO THE PARKING STRUCTURE.

14. ALL PRESENT AND FUTURE OWNERS AND OCCUPANTS OF LAND HEREBY SUBJECT TO A SITE IMPROVEMENT PLAN ARE HEREBY NOTIFIED THAT THE PROPERTY IS LOCATED WITHIN PROXIMITY TO CENTENNIAL AIRPORT AND IS SUBJECT TO THE TERMS OF THAT CERTAIN AVIGATION AND HAZARD EASEMENT RECORDED AT RECEPTION NUMBER ___ ON IN THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER, AS MAY BE AMENDED.

15. PROXIMITY TO CENTENNIAL AIRPORT MAY HAVE ANY NUMBER OF IMPACTS ON THE PROPERTY OCCUPANTS, THE PROPERTY, AND THE DEVELOPMENT, IMPROVEMENT, USE, ENJOYMENT OR OCCUPANCY OF THE PROPERTY, INCLUDING WITHOUT LIMITATION ODORS, AIRCRAFT NOISE, VIBRATION, FUMES, FUEL PARTICLES, EXHAUST, AND THE OPERATION AND PASSAGE OF AIRCRAFT ABOVE OR NEAR THE PROPERTY. INDIVIDUAL SENSITIVITIES TO THE POTENTIAL CENTENNIAL AIRPORT IMPACTS CAN VARY FROM PERSON TO PERSON, AND POTENTIAL AIRPORT IMPACTS CAN VARY FROM LOCATION TO LOCATION WITHIN THE PROPERTY AND FROM TIME TO TIME, RECORDS AND INFORMATION CONCERNING CENTENNIAL AIRPORT AND POTENTIAL AIRPORT IMPACTS ARE PUBLICLY AVAILABLE THROUGH VARIOUS FEDERAL, STATE, AND LOCAL GOVERNMENTAL AGENCIES, INCLUDING CENTENNIAL AIRPORT. ALL PRESENT AND FUTURE OWNERS AND OCCUPANTS ARE SOLELY RESPONSIBLE FOR EVALUATING AND DETERMINING WHETHER THE AIRPORT IMPACTS, IF ANY, ARE ACCEPTABLE TO THEM.

16. THIS PROPERTY IS WITHIN A WILDFIRE RISK AREA. WILDFIRE RISK CAN VARY FROM LOCATION TO LOCATION WITHIN THE PROPERTY AND FROM TIME TO TIME, INFORMATION CONCERNING WILDFIRE RISK IS PUBLICLY AVAILABLE THROUGH VARIOUS FEDERAL, STATE, AND LOCAL GOVERNMENTAL AGENCIES, INCLUDING THE COLORADO STATE FOREST SERVICE. ALL PRESENT AND FUTURE OWNERS AND OCCUPANTS ARE SOLELY RESPONSIBLE FOR EVALUATING AND DETERMINING WHETHER THE WILDFIRE RISKS, IF ANY, ARE ACCEPTABLE TO THEM.

17. IT SHALL BE THE RESPONSIBILITY OF THE OWNER (OR RESPONSIBLE ASSOCIATION OR DISTRICT, AS MAY BE IDENTIFIED BY MAINTENANCE AGREEMENTS) TO MAINTAIN ALL PLAYGROUND EQUIPMENT AND PARK INFRASTRUCTURE ON THE PROPERTY IN A STATE OF GOOD REPAIR IN CONFORMANCE WITH ALL APPLICABLE BUILDING AND SAFETY REGULATIONS.

18. ARTWORK MUST BE MAINTAINED PER THE APPROVED SIP. ANY FADING, CHIPPING, OR DAMAGE SHALL BE REPAIRED BY THE PROPERTY OWNER OR APPROPRIATE ASSOCIATION OR DISTRICT, AS MAY BE IDENTIFIED IN MAINTENANCE AGREEMENTS RECORDED WITH THE DOUGLAS COUNTY CLERK AND RECORDER'S OFFICE. ANY FUTURE REMOVAL OR ALTERATION OF ARTWORK, AS APPROVED BY THIS SIP MAY WARRANT AN SIP AMENDMENT AND SUBSEQUENT APPROVAL BY THE CITY OF LONE TREE.

CIVIL SHEET LIST TABLE

SHEET NO.	SHEET TITLE
C0.00	COVER SHEET
C0.01	GENERAL NOTES
C1.00	EXISTING CONDTIONS AND DEMOLITION PLAN
C1.01	EXISTING CONDITIONS AND DEMOLITION PLAN
C2.00	EROSION CONTROL COVER SHEET
C2.10	INITIAL EROSION CONTROL PLAN
C2.11	INITIAL EROSION CONTROL PLAN
C2.20	INTERIM EROSION CONTROL PLAN
C2.21	INTERIM EROSION CONTROL PLAN
C2.30	FINAL EROSION CONTROL PLAN
C2.31	FINAL EROSION CONTROL PLAN
C2.50	EROSION CONTROL DETAILS
C2.51	EROSION CONTROL DETAILS
C2.52	EROSION CONTROL DETAILS
C3.00	OVERALL GRADING PLAN
C3.01	DETAILED GRADING PLAN
C3.02	DETAILED GRADING PLAN
C3.03	DETAILED GRADING PLAN
C3.04	DETAILED GRADING PLAN
C3.05	DETAILED GRADING PLAN
C3.06	DETAILED GRADING PLAN
C3.07	DETAILED GRADING PLAN
C3.08	DETAILED GRADING PLAN
C3.09	DETAILED GRADING PLAN
C4.00	STORM SEWER A1 & A2 PLAN AND PROFILE
C4.01	STORM SEWER B1 & B2 PLAN AND PROFILE
C4.02	STORM SEWER B3 & B4 PLAN AND PROFILE
C4.03	STORM SEWER C1 & C2 PLAN AND PROFILE
C4.04	STORM SEWER C3 & C5 PLAN AND PROFILE
C4.05	STORM SEWER C4 PLAN AND PROFILE
C4.06	STORM SEWER C6 PLAN AND PROFILE
C4.07	STORM SEWER D1 & D2 PLAN AND PROFILE
C4.08	STORM SEWER D3 PLAN AND PROFILE
C4.09	STORM SEWER E1 & E2 PLAN AND PROFILE
C4.50	STORM SEWER DETAILS
C4.51	STORM SEWER DETAILS
C4.52	STORM SEWER DETAILS
C4.53	STORM SEWER DETAILS
C4.60	STORM SEWER DETAILS
C4.61	POND N2 DETAILS
C4.62	POND N3 DETAILS
C4.63	POND N4 DETAILS
C5.00	OVERALL UTILITY PLAN
C5.01	OVERALL UTILITY PLAN
C6.00	OVERALL HORIZONTAL CONTROL PLAN
C6.01	DETAILED HORIZONTAL CONTROL PLAN
C6.02	DETAILED HORIZONTAL CONTROL PLAN
C6.03	DETAILED HORIZONTAL CONTROL PLAN
C6.04	DETAILED HORIZONTAL CONTROL PLAN
C6.05	DETAILED HORIZONTAL CONTROL PLAN
C6.06	DETAILED HORIZONTAL CONTROL PLAN
C6.07	DETAILED HORIZONTAL CONTROL PLAN
C6.08	LINE AND CURVE TABLES
C6.09	POINT TABLE
C7.00	SITE DETAILS
C7.01	SITE DETAILS

BASIS OF BEARINGS:

THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON A GPS SITE CALIBRATION OF POINTS REFERENCED ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022. BEARINGS ARE FURTHER DEFINED LOCALLY TO THE SITE BY THE WESTERLY LINE OF TRACT AQ, MONUMENTED AT THE NORTH END BY A #5 REBAR AND AT THE SOUTH LINE BY REBAR WITH A YELLOW PLASTIC CAP "LS 24673". SAID LINE BEARS NORTH 09°18'42" EAST.

BENCHMARK:

VERTICAL DATA SHOWN ON THIS SURVEY IS BASED ON POINT #558 SHOWN ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022, BEING A 3-1/2" RTD BRASS CAP "PLS 24942". ELEV=6074.44 NAVD 88.

LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
	RIGHT-OF-WAY LINE	
	SECTION LINE	
	EASEMENT	
	RETAINING WALL	
	CURB & GUTTER	
	CURB & GUTTER (SPILL)	
	CURB & GUTTER (CATCH)	
	ASPHALT	
	CONCRETE/ SIDEWALK	
5750	CONTOURS	5750
	UTILITY CROSSING	#
ST	STORM SEWER	ST
ST	STORM MANHOLE	ST
RD	ROOF DRAIN	RD
	STORM INLET	
	FLARED END SECTION	
SS	SANITARY SEWER	SS
SS	SANITARY MANHOLE	SS
	CLEAN OUT	
W	WATER LINE	W
	WATER VALVE	
	FIRE HYDRANT	
WM	WATER METER	
IR	IRRIGATION LINE	IR
IRR	IRRIGATION CONTROL	
OHE	OVERHEAD ELECTRIC	
E	ELECTRIC LINE	E
	LIGHT POLE	
	POWER POLE	
ELEC	ELECTRIC METER	
T	TELEPHONE LINE	T
TEL	TELEPHONE PEDESTAL	T
CT	CABLE TV	CT
G	GAS LINE	G
FO	FIBER OPTIC	FO
O.W.	MONITOR WELL	
	SIGN	
	DIRECTION OF FLOW	
	GRADING ARROW	
	DECIDUOUS TREE	
	EVERGREEN TREE	
	BUSH/SHRUB	
ELEV	SPOT ELEVATIONS	ELEV.
DRIVE	DESCRIPTIONS	DRIVE

COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

MARTIN/MARTIN ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. UNLESS OTHERWISE NOTED, THE UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED BY OTHERS AND DEPICTED AS ASCE (38) QUALITY LEVEL D. IN ACCORDANCE WITH THE PROVISIONS OF COLORADO REVISED STATUTE, TITLE 9, IT IS THE CONTRACTORS RESPONSIBILITY TO CALL COLORADO 811 UTILITY LOCATE SERVICE FOR UTILITY LOCATES BEFORE DIGGING, AND FIELD VERIFY THE SIZE, MATERIAL, HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES (DEPICTED OR NOT DEPICTED) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.875.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

illume
Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

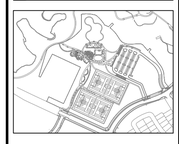
Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

RSM Design
Branding, Signage & Wayfinding
tel 949.492.9479

Peregrine Fire
Fire Protection Consultant & Wildfire Mitigation
tel 303.997.8875

Fountain Source
Water Feature Consultant
tel 303.997.8875

Roxbox
Container Architect
tel 303.997.8875



NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description
COVER SHEET

Sheet number
C0.00

MARTIN/MARTIN, INC. GENERAL NOTES:

IN ADDITION TO THE CITY OF LONE TREE STANDARD NOTES, THE FOLLOWING SHALL APPLY:

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LONE TREE STANDARDS AND SPECIFICATIONS. ALL STREETS, WATER MAIN, STORM SEWER AND SANITARY SEWER CONSTRUCTION SHALL BE SUBJECT TO CITY OF LONE TREE INSPECTION.

2. THE CONTRACTOR SHALL HAVE ONE [1] SIGNED COPY OF PLANS APPROVED BY THE CITY OF LONE TREE AND ONE COPY OF THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.

3. CONTRACTOR SHALL NOTIFY THE ENGINEER, OWNER AND THE CITY OF LONE TREE [48]-HOURS PRIOR TO THE START OF CONSTRUCTION. A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED WITH THE CITY OF LONE TREE ENGINEERING INSPECTOR [24]-HOURS PRIOR TO START OF WORK.

4. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING, BUT NOT LIMITED TO, SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK, TRENCH EXCAVATION AND SHORING, TRAFFIC CONTROL AND SECURITY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

5. THE CITY OF LONE TREE/OWNER/ENGINEER CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON OR NEAR THE CONSTRUCTION SITE.

6. ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION [OSHA] "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION." THESE REGULATIONS ARE DESCRIBED IN SUBPART P, PART 1926 OF THE CODE OF FEDERAL REGULATIONS. SHEETING AND SHORING SHALL BE UTILIZED WHERE NECESSARY TO PREVENT ANY EXCESSIVE WIDENING OR SLOUGHING OF THE TRENCH WHICH MAY BE DETRIMENTAL TO HUMAN SAFETY, TO THE PIPE BEING PLACED, OR TO ANY EXISTING SITE IMPROVEMENTS OR STRUCTURES. THE CONTRACTOR MAY BE REQUIRED TO USE AN APPROVED PILING INSTEAD OF SHEETING AND SHORING.

7. CONTRACTOR SHALL OBTAIN ALL PERMITS FOR STREET CUTS, UTILITY INTERRUPTIONS AND TRAFFIC CONTROL.

8. AT LEAST FIVE [5] WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION, A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO CITY OF LONE TREE. THE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY A CERTIFIED TRAFFIC CONTROL SUPERVISOR AND SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. NO WORK SHALL BEGIN UNTIL ALL TRAFFIC CONTROL DEVICES HAVE BEEN PLACED IN ACCORDANCE WITH THE PLAN. THE CONTRACTOR SHALL CONTINUOUSLY MAINTAIN THE TRAFFIC CONTROL DEVICES FOR THE ENTIRE DURATION OF THE PROJECT OR UNTIL THE ROADWAY HAS BEEN OPENED AND THE PERMANENT TRAFFIC CONTROL DEVICES HAVE BEEN INSTALLED.

9. ALL TRENCH BACKFILL AND SUBGRADE PREPARATION SHALL BE TESTED TO ENSURE COMPLIANCE WITH CITY OF LONE TREE STANDARDS AND SHALL BE TESTED AT CITY OF LONE TREE REQUIRED FREQUENCIES BY A CITY OF LONE TREE APPROVED PRIVATE SOILS TESTING FIRM. TEST RESULTS SHALL BE SUBMITTED TO, REVIEWED, AND APPROVED BY, THE CITY OF LONE TREE ENGINEERING DIVISION PRIOR TO INSTALLING BASE COURSE, ASPHALT OR CONCRETE ON PREPARED SUBGRADE. ALL BASE COURSE DENSITY SHALL ALSO BE TESTED BY THE PRIVATE SOILS FIRM AT CITY OF LONE TREE REQUIRED FREQUENCIES TO ENSURE COMPLIANCE WITH CITY OF LONE TREE REQUIREMENTS. BASE COURSE TEST RESULTS SHALL ALSO BE APPROVED BY THE CITY OF LONE TREE ENGINEERING DIVISION PRIOR TO INSTALLING PAVEMENT. ALL CONCRETE AND ASPHALT PLACED SHALL BE TESTED IN ACCORDANCE WITH CITY OF LONE TREE MINIMUM MATERIALS TESTING STANDARDS. TEST RESULTS SHALL BE REVIEWED AND APPROVED BY THE CITY OF LONE TREE ENGINEERING DIVISION PRIOR TO INITIATION OF THE REQUIRED [2] YEAR WARRANTY PERIOD.

10. CONTRACTOR SHALL CONFORM TO ALL FEDERAL, STATE AND LOCAL HEALTH AND SAFETY RULES AND REGULATIONS.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES DURING CONSTRUCTION AND FOR COORDINATING WITH THE APPROPRIATE UTILITY COMPANY FOR ANY UTILITY CROSSINGS REQUIRED. REPAIR OF DAMAGED UTILITIES SHALL BE AT THE CONTRACTORS EXPENSE, INCLUDING BUT NOT LIMITED TO UNKNOWN UNDERGROUND UTILITIES.

12. EXISTING FENCES, TREES, SIDEWALKS, CURBS AND GUTTERS, LANDSCAPING, STRUCTURES, AND IMPROVEMENTS DESTROYED, DAMAGED OR REMOVED DUE TO CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED OR RESTORED IN LIKE KIND AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE INDICATED ON THESE PLANS.

13. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING REASONABLE ACCESS TO AND FROM ALL OF THE ADJACENT PROPERTIES THROUGHOUT THE COURSE OF THE WORK. THE CONTRACTOR SHALL BE REQUIRED TO MEET (INDIVIDUALLY OR COLLECTIVELY) WITH ALL ADJACENT PROPERTY OWNERS WHO'S DRIVEWAY ACCESS WILL BE AFFECTED BY THE WORK. AS CONSTRUCTION CONDITIONS CHANGE AND THE WORK PROGRESSES, THE CONTRACTOR SHALL BE REQUIRED TO PERIODICALLY UPDATE THOSE PROPERTY OWNERS SO THAT THEY ARE KEPT INFORMED ABOUT THEIR ACCESS.

14. OWNER/DEVELOPER SHALL OBTAIN A STORMWATER CONSTRUCTION PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL DIVISION, PRIOR TO CLEARING, GRADING, OR EXCAVATING A SITE OF ONE-HALF ACRE OR MORE, OR LESS THAN ONE-HALF ACRE AND PART OF A LARGER DEVELOPMENT. A COPY OF THE APPROVED PERMIT MUST BE SUBMITTED TO THE CITY OF LONE TREE ENGINEERING DIVISION PRIOR TO THE START OF CLEARING, GRADING OR EXCAVATING OF THE SITE. A COPY OF THE APPROVED PERMIT MUST ALSO BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.

15. CONTRACTOR SHALL OBTAIN A COLORADO STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT FOR ALL AREAS WHERE DEWATERING IS REQUIRED FROM AN EXCAVATION AND WATER IS DISCHARGED INTO A STORM SEWER, CHANNEL, IRRIGATION DITCH OR ANY WATERS OF THE UNITED STATES. A COPY OF THE APPROVED PERMIT MUST BE SUBMITTED TO THE CITY OF LONE TREE ENGINEERING DIVISION PRIOR TO THE START OF ANY DEWATERING. A COPY OF THE APPROVED PERMIT MUST ALSO BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING STORM RUNOFF AND ANY GROUNDWATER ENCOUNTERED DURING THE CONSTRUCTION OF ANY PORTION OF THIS PROJECT. GROUNDWATER SHALL BE PUMPED, PIPED, REMOVED AND DISPOSED OF IN A MANNER WHICH DOES NOT CAUSE FLOODING OF EXISTING STREETS NOR EROSION ON ABUTTING PROPERTIES IN ORDER TO CONSTRUCT THE IMPROVEMENTS SHOWN ON THESE PLANS. NO CONCRETE SHALL BE PLACED WHERE GROUNDWATER IS VISIBLE OR UNTIL THE GROUNDWATER TABLE HAS BEEN LOWERED BELOW THE PROPOSED IMPROVEMENTS. ANY UNSTABLE AREAS, AS A RESULT OF GROUNDWATER, ENCOUNTERED DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE STABILIZED AS AGREED UPON BY THE CONTRACTOR, THE CITY OF LONE TREE, AND THE GEOTECHNICAL ENGINEER AT THE TIME OF OCCURRENCE.

17. THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING AND VERIFYING ELEVATIONS OF ALL EXISTING SEWER MAINS, WATER MAINS, CURBS, GUTTERS AND OTHER UTILITIES AT THE POINT OF CONNECTION SHOWN ON THE PLANS, AND AT ANY UTILITY CROSSINGS PRIOR TO INSTALLING ANY OF THE NEW IMPROVEMENTS. IF A CONFLICT EXISTS AND/OR A DESIGN MODIFICATION IS REQUIRED, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO MODIFY THE DESIGN.

18. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL UTILITIES TO COORDINATE SCHEDULES.

19. CONTRACTOR SHALL NOTIFY ALL BUSINESSES/RESIDENTS IN WRITING 48 HOURS PRIOR TO ANY SHUT-OFF IN SERVICE. THE NOTICES MUST HAVE CONTRACTOR'S PHONE NUMBER AND NAME OF CONTACT PERSON, AND EMERGENCY PHONE NUMBER FOR AFTER HOURS CALLS. ALL SHUT OFFS MUST BE APPROVED BY THE CITY OF LONE TREE UTILITY DIVISION, AND CITY OF LONE TREE VALVES AND APPURTENANCES SHALL BE OPERATED BY CITY OF LONE TREE PERSONNEL, UNLESS WRITTEN PERMISSION IS GIVEN OTHERWISE.

20. ALL PUBLIC IMPROVEMENT WORK, INCLUDING CORRECTION WORK, SHALL BE INSPECTED BY A CITY OF LONE TREE REPRESENTATIVE WHO SHALL HAVE THE AUTHORITY TO HALT CONSTRUCTION WHEN STANDARD CONSTRUCTION PRACTICES ARE NOT BEING ADHERED TO. THE CITY OF LONE TREE RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS ENGINEERING CODE OF STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE FOR BEING AWARE OF, NOTIFYING, COORDINATING AND SCHEDULING ALL INSPECTIONS REQUIRED FOR FINAL APPROVALS AND PROJECT ACCEPTANCE.

21. THE CONTRACTOR SHALL NOT OPERATE ANY CONSTRUCTION VEHICLES NOR PERFORM ANY CONSTRUCTION OPERATIONS BEFORE 7 AM OR AFTER 6 PM, MONDAY THROUGH FRIDAY OR BEFORE 8 AM AND AFTER 5 PM ON SATURDAYS. NO WORK WILL BE ALLOWED ON SUNDAYS OR HOLIDAYS. THE CITY OF LONE TREE RESERVES THE RIGHT TO FURTHER RESTRICT OR MODIFY THESE HOURS OF OPERATION IF CONDITIONS WARRANT.

22. REFER TO LANDSCAPE PLANS PREPARED BY OJB FOR FINAL LANDSCAPE, SPECIALTY LANDSCAPE FEATURES AND TRAIL LAYOUT/DETAILS/MATERIALS. TRAILS SHOWN ON LANDSCAPE CONSTRUCTION PLANS SHALL BE FIELD FIT TO ATTAIN 4.8% MAX SLOPE AND 2% CROSS SLOPE PER ADA REQUIREMENTS, UNLESS OTHERWISE NOTED.

23. COMPACTION OF ALL TRENCHES MUST BE ATTAINED AND COMPACTION TEST RESULTS SUBMITTED TO THE ENGINEER AND THE CITY OF LONE TREE PRIOR TO FINAL ACCEPTANCE.

24. RECORD DRAWINGS SHOWING ALL CHANGES FROM THE APPROVED CONSTRUCTION DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER AND OWNER PRIOR TO INITIATION OF THE REQUIRED 1-YEAR WARRANTY PERIOD. THE RECORD DRAWINGS WILL CONSIST OF A MARKED-UP SET OF "ISSUED FOR CONSTRUCTION" DRAWINGS VERIFYING THE FOLLOWING:
    - ALL LENGTHS, SIZES, AND MATERIALS OF INSTALLED PIPE, MANHOLES, AND ANY OTHER IMPROVEMENT.
    - HORIZONTAL LOCATIONS EITHER BY STATION AND OFFSET, OR BY NORTHING AND EASTING COORDINATES OF ALL MANHOLES, BENDS, CLEANOUTS, VALVES, TAPS, WYES, STUBS, PLUGS, TEES, ETC.
    - INVERT ELEVATIONS OF STORM SEWER AND SANITARY SEWER MANHOLES, INLETS, OUTLETS, STUB ENDS, TOP OF PIPE ELEVATIONS OF EACH UTILITY CROSSING, ETC.
    - CONSTRUCTED SLOPE OF STORM AND SANITARY PIPES BETWEEN MANHOLES AND STRUCTURES.
    - TOP OF PIPE ELEVATION AT REGULAR INTERVALS AND/OR FITTINGS FOR WATER LINES.
    - ELEVATIONS AT FLOWLINE OF CURB AND GUTTER AT DESIGN LOCATIONS AND GRADE BREAKS. ELEVATION OF INLET AND TRENCH DRAIN GRATES. TOP OF CURB AT CURB INLETS.
    - ANY OTHER VARIATIONS FROM THE CONSTRUCTION DOCUMENTS MUST BE CLEARLY NOTED AND DETAILED ON THE PLANS.
    - AS-BUILT FIELD NOTES, FROM WHICH THE RECORD DRAWINGS ARE PREPARED, ARE TO BE PROVIDED AND STAMPED/SIGNED AND DATED BY A COLORADO REGISTERED PROFESSIONAL LAND SURVEYOR.

25. THE CONTRACTOR SHALL WARRANT ALL WORK TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF 1-YEAR FROM THE DATE OF ACCEPTANCE INTO THE WARRANTY PERIOD OF ALL CONSTRUCTION CALLED FOR BY THE PUBLIC IMPROVEMENTS AGREEMENT WITH THE CITY OF LONE TREE.

26. DURING CONSTRUCTION AND UPON COMPLETION OF CONSTRUCTION, THE SITE SHALL BE CLEANED AND RESTORED TO A CONDITION EQUAL TO, OR BETTER THAN, THAT WHICH EXISTED BEFORE CONSTRUCTION.

27. EARTHWORK QUANTITIES ARE RAW NUMBERS AND HAVE NOT BEEN ADJUSTED TO ACCOUNT FOR SHRINK, SWELL, COMPACTION, PAVING, UTILITY SPOILS, BUILDING FOUNDATION/BASEMENT ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EARTHWORK VALUES.

28. CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT TITLED GEOTECHNICAL EVALUATION HIGH NOTE PARK LONE TREE, COLORADO, DATED MAY 07, 2025, AND PREPARED BY GROUND ENGINEERING FOR PAVEMENT DESIGN AND RECOMMENDATIONS REGARDING [EXCAVATION, COMPACTION, MATERIALS, EMBANKMENT, PAVEMENT SUBEXCAVATION, MOISTURE CONTROL, AND TOPSOIL REMOVAL AND REPLACEMENT. FINAL PAVEMENT DESIGN TO BE DETERMINED BY THE GEOTECHNICAL ENGINEER AFTER SUBGRADE IS COMPLETE. CONTRACTOR TO COORDINATE THIS WORK]. THE CONSTRUCTION METHODS FOR EXCAVATION/EMBANKMENTS, COMPACTION, AND SUBGRADE PREPARATION SHALL BE IN STRICT CONFORMANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF DISCREPANCIES BETWEEN THE GEOTECHNICAL REPORT RECOMMENDATIONS AND REQUIREMENTS OF THESE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.

29. THE PRELIMINARY PAVEMENT DESIGN IS 6" CONCRETE PAVEMENT FOR AREAS DESIGNATED AS CONCRETE PAVEMENT, 7" FULL DEPTH ASPHALT FOR MAIN ACCESS ROADS, 7" FULL DEPTH ASPHALT FOR AREAS DESIGNATED AS "MAIN TRAFFIC CORRIDORS", AND 6" FULL DEPTH ASPHALT FOR ALL OTHER AREAS DESIGNATED AS ASPHALT PAVEMENT [OR COMPOSITE SECTION]. SEE SHEET C6.00 FOR PAVEMENT DETAILS.

30. THESE CONSTRUCTION DOCUMENTS ARE INTENDED SOLELY FOR THE CONSTRUCTION OF THE DEVELOPMENT DEPICTED HEREIN. PERIODIC, SYSTEMATIC MAINTENANCE IS NECESSARY FOR THE OWNER TO REALIZE THE DESIGN LIFE AND PERFORMANCE OF THE FACILITIES OF THIS PROJECT. INSPECTION, MAINTENANCE AND REPAIR ARE THE SOLE RESPONSIBILITY OF THE OWNER. THE DESIGN RELIES UPON A RESPONSIBLE EFFORT BY THE OWNER TO MAINTAIN THE FACILITIES, THUS, ANY DAMAGES ARISING OUT OF THE OWNER'S FAILURE TO PERFORM SAID MAINTENANCE ARE BEYOND THE DESIGNERS CONTROL. MARTIN/MARTIN EMPHASIZES THE IMPORTANCE OF A MAINTENANCE PROGRAM AND IF REQUESTED WOULD BE AVAILABLE TO SUBMIT A PROPOSAL FOR ASSISTING THE OWNER IN THE DEVELOPMENT OF A COMPREHENSIVE, SYSTEMATIC MAINTENANCE PROGRAM TO MAINTAIN THE MAJOR INFRASTRUCTURE COMPONENTS OF THIS PROJECT. OWNER SHOULD BE COGNIZANT OF THE IMPORTANCE OF MAINTAINING DRAINAGE PATTERNS AND TO AVOID EXCESSIVE IRRIGATION. THE SOILS TYPICALLY FOUND IN COLORADO ARE SENSITIVE TO EXCESS MOISTURE. THIS COULD POTENTIALLY RESULT IN PAVEMENT/STRUCTURE MOVEMENTS WHICH MAY BE UNACCEPTABLE AND COMPROMISE THE DESIGN INTENT AND FUNCTIONALITY OF THE PROJECT. MARTIN/MARTIN RECOMMENDS THE OWNER MAINTAIN A COMPLETE SET OF SOILS/DRAINAGE REPORTS AND DESIGN PLANS OF THE PROJECT FOR FUTURE REFERENCE.

31. THE PLANS HAVE BEEN PREPARED BY MARTIN/MARTIN IN ACCORDANCE WITH AND IN RELIANCE UPON THE GEOTECHNICAL STUDIES AND RECOMMENDATIONS PER [GEOTECHNICAL ENGINEER/REPORT]. MARTIN/MARTIN HAS NO RESPONSIBILITY FOR THE FOUNDATION SYSTEMS USED WITHIN THIS DEVELOPMENT. MARTIN/MARTIN SUGGESTS THAT ALL OWNERS, PRESENT AND FUTURE, BECOME AWARE OF THE RISK ASSOCIATED WITH IMPROPER MAINTENANCE OF SLOPES AND DRAINAGE AWAY FROM THE STRUCTURES. MARTIN/MARTIN RECOMMENDS THE FOLLOWING REFERENCE AS A WAY TO BECOME MORE AWARE OF THE UNIQUE SOILS CONDITIONS FOUND WITHIN THIS PROJECT AND WITHIN MUCH OF THE FRONT RANGE AREA.

32. "A GUIDE TO SWELLING SOIL FOR HOMEBUYERS AND HOMEOWNERS: PUBLISHED BY THE COLORADO GEOLOGICAL SURVEY, SPECIAL PUBLICATION NO. 43.

33. THE FOLLOWING LIMITED SCOPE OF RESPONSIBILITY NOTE MUST BE LOCATED, OR REFERENCED TO A GENERAL NOTE, ADJACENT TO THE P.E. SEAL PER 5.1.5 OF THE COLORADO BYLAWS AND RULES.

THE DESIGN PLANS SHOWN HEREIN WERE DEVELOPED BASED UPON THE GEOTECHNICAL INVESTIGATIONS/ANALYSIS/ENGINEERING CRITERIA DEVELOPED BY GROUND ENGINEERING, AS PRESENTED IN THE GEOTECHNICAL REPORT ENTITLED GEOTECHNICAL EVALUATION HIGHT NOTE PARK LONE TREE, COLORADO, DATED SEPTEMBER 23, 2025, SIGNED AND SEALED BY BRIAN J. KNECHT, P.G., P.E. MARTIN/MARTIN, INC. RELIED UPON THE ENGINEERING ANALYSIS AND CONCLUSIONS OF THIS REPORT IN THE PREPARATION OF THESE CIVIL ENGINEERING PLANS AND DOCUMENTS. NO INDEPENDENT INVESTIGATIONS AND/OR ANALYSIS WAS CONDUCTED BY MARTIN/MARTIN, INC. THESE PLANS WERE PROVIDED TO [THE GEOTECHNICAL ENGINEER] FOR REVIEW AND VERIFICATION THAT THESE PLANS DEVELOPED BY MARTIN/MARTIN PROPERLY INTERPRETED AND APPLIED THE CRITERIA AND RECOMMENDATIONS ESTABLISHED BY THEIR GEOTECHNICAL REPORT FOR THIS PROJECT.

ACCESSIBLE ROUTES:

1. ALL CONSTRUCTION AND VERIFICATION/TESTING SHALL BE IN ACCORDANCE WITH RULES AND REGULATIONS OF LOCAL, STATE AND FEDERAL JURISDICTIONS, AND THE MOST CURRENT REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT ("ADA"); ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARD – ABAAS AS PROVIDED FOR IN THE REGULATIONS OF THE UNITED STATES ACCESS BOARD, UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) AND AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) – ANSI A117.1 . ADDITIONALLY, MEET REQUIREMENTS BY THE UNITED STATES DEPARTMENT OF TRANSPORTATION AND FEDERAL HIGHWAY ADMINISTRATION WHICH REQUIREMENTS ARE PRINCIPALLY LISTED IN 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, PROPOSED GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES ("PROWAG") AND LOCAL STANDARDS, FOR ANY ACCESSIBLE ROUTE.

2. NOTES AND REQUIREMENTS WITHIN THE CONSTRUCTION DOCUMENTS ARE A SUPPLEMENT TO, AND NOT A REPLACEMENT FOR THE REFERENCED REGULATIONS.

3. CONTRACTORS ARE TO BE AWARE WHEN REFERRING TO THE ABOVE STANDARDS, RULES AND REGULATIONS THAT PUBLISHED VALUES FOR DIMENSION AND SLOPE ARE FOR FINISHED CONSTRUCTION, NO TOLERANCE IS PERMITTED BELOW MINIMUM AS SHOWN ON DRAWINGS OR ABOVE MAXIMUM VALUES AS INDICATED IN THE APPLICABLE LOCAL, STATE, AND FEDERAL STANDARDS.

4. THE REGULATIONS EXPECT THE CONTRACTORS TO BE KNOWLEDGEABLE OF CONSTRUCTION PRACTICES, AND TO USE APPROPRIATE MEANS AND METHODS TO MEET TOLERANCES AND ENSURE CONSTRUCTION COMPLIES WITH REGULATIONS. ALL CONSTRUCTION OR ALTERATIONS OF ACCESSIBILITY ROUTES (WALKS, RAMPS, ENTRANCES, ETC.) SHALL COMPLY WITH STANDARDS, RULES AND REGULATIONS SET FORTH ABOVE, INCLUDING BUT NOT LIMITED TO 5% MAXIMUM LONGITUDINAL GRADE ON WALKS WITHOUT HANDRAILS, 8.33% MAXIMUM LONGITUDINAL GRADE ON WALKS WITH HANDRAILS, AND LANDINGS 2% MAXIMUM COMPOSITE SLOPE. 2% MAXIMUM CROSS SLOPE ON WALKS, AND 2% MAXIMUM COMPOSITE SLOPE IN ACCESSIBLE PARKING/LOADING AREAS. NO TOLERANCE REGARDING MAXIMUM SLOPE WILL BE ALLOWED.

5. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH OWNER/DEVELOPER, ENGINEER, ARCHITECT OR DESIGNATED OFFICIAL IF RULES AND REGULATIONS OF ACCESSIBILITY ROUTES CANNOT BE MET OR A DISCREPANCY OF REQUIREMENTS ARE INDICATED ON DRAWINGS. IN ADDITION, OWNER/DEVELOPER IS ADVISED THAT REGULAR MAINTENANCE PROGRAMS SHOULD BE IMPLEMENTED AFTER CONSTRUCTION TO KEEP EXISTING ROUTES SAFE, USABLE, AND ACCESSIBLE COMPLIANT.

HIGH NOTE
REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.876.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

illume
Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

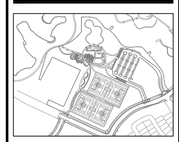
Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

RSM Design
Branding, Signage & Wayfinding
tel 949.492.9479

Peregrine Fire
Fire Protection Consultant & Wildfire Mitigation
tel 303.997.8875

Fountain Source
Water Feature Consultant
tel 303.997.8875

Roxbox
Container Architect
tel 303.997.8875



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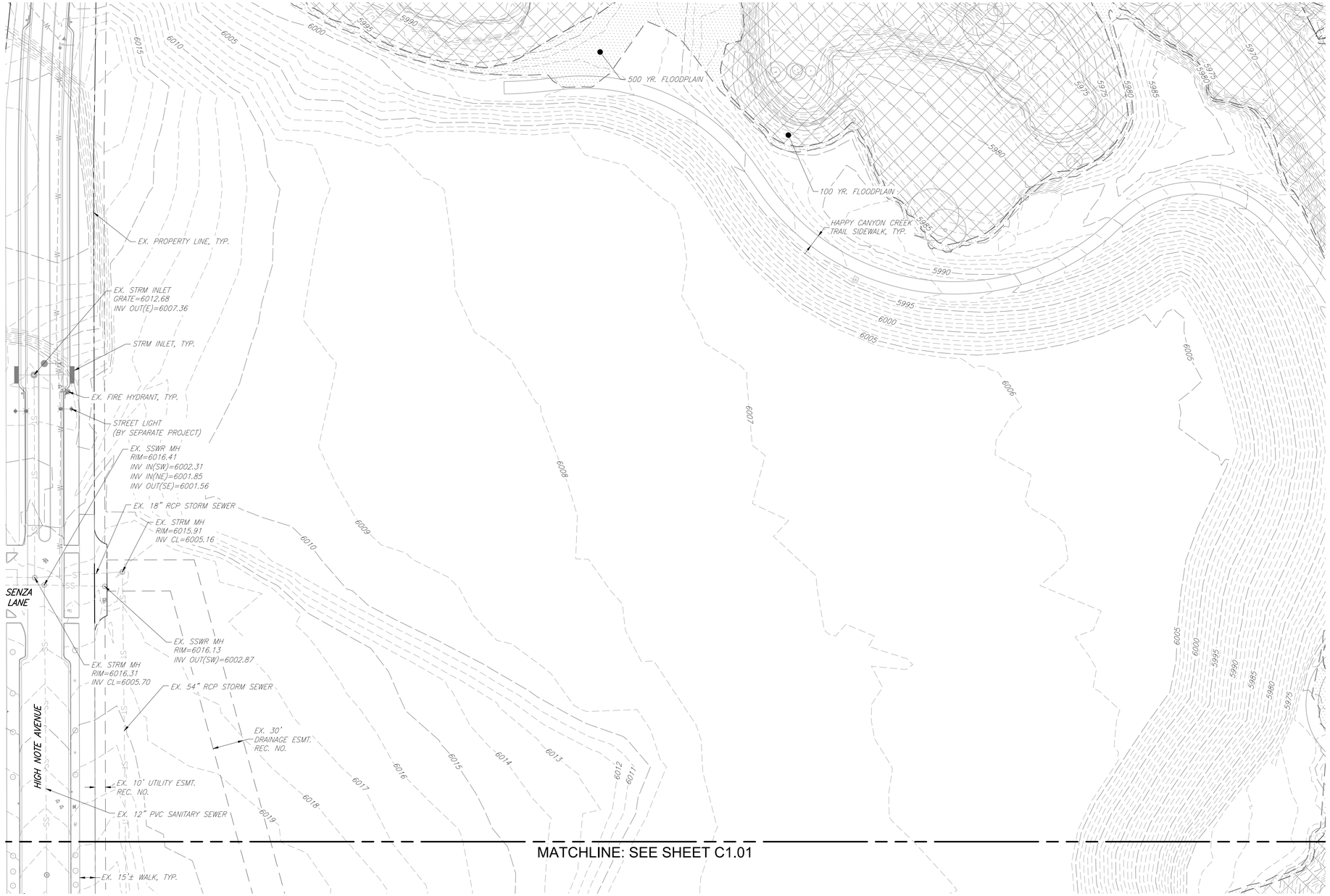
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	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

GENERAL NOTES

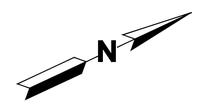
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LEGEND

EXISTING		DEMOLITION
	PROPERTY LINE	
	RIGHT-OF-WAY LINE	
	SECTION LINE	
	EASEMENT	
	RETAINING WALL	
	CURB & GUTTER	
	ASPHALT	
	CONCRETE/ SIDEWALK	
5750	CONTOURS	
ST	STORM SEWER	ST
ST	STORM MANHOLE	ST
	STORM INLET	
	FLARED END SECTION	
SS	SANITARY SEWER	SS
SS	SANITARY MANHOLE	SS
W	WATER LINE	W
	WATER VALVE	
	FIRE HYDRANT	
WM	WATER METER	WM
IR	IRRIGATION LINE	IR
IRR	IRRIGATION CONTROL	IRR
OHE	OVERHEAD ELECTRIC	OHE
E	ELECTRIC LINE	E
	LIGHT POLE	
	POWER POLE	
ELEC	ELECTRIC METER	ELEC
T	TELEPHONE LINE	T
TEL	TELEPHONE PEDESTAL	T
CT	CABLE TV	CT
	SIGN	
	DECIDUOUS TREE	
	EVERGREEN TREE	
PSH	BUSH/SHRUB	PSH
G	GAS LINE	G
DRIVE	DESCRIPTIONS	DRIVE



BASIS OF BEARINGS:

THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON A GPS SITE CALIBRATION OF POINTS REFERENCED ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022. BEARINGS ARE FURTHER DEFINED LOCALLY TO THE SITE BY THE WESTERLY LINE OF TRACT AQ, MONUMENTED AT THE NORTH END BY A #5 REBAR AND AT THE SOUTH LINE BY REBAR WITH A YELLOW PLASTIC CAP "LS 24673". SAID LINE BEARS NORTH 09°18'42" EAST.

BENCHMARK:

VERTICAL DATA SHOWN ON THIS SURVEY IS BASED ON POINT #558 SHOWN ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022, BEING A 3-1/2" RTD BRASS CAP "PLS 24942". ELEV=6074.44 NAVD 88.

COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

MARTIN/MARTIN ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. UNLESS OTHERWISE NOTED, THE UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED BY OTHERS AND DEPICTED AS ASCE (38) QUALITY LEVEL D. IN ACCORDANCE WITH THE PROVISIONS OF COLORADO REVISED STATUTE, TITLE 9, IT IS THE CONTRACTORS RESPONSIBILITY TO CALL COLORADO 811 UTILITY LOCATE SERVICE FOR UTILITY LOCATES BEFORE DIGGING, AND FIELD VERIFY THE SIZE, MATERIAL, HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES (DEPICTED OR NOT DEPICTED) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

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Water Feature Consultant
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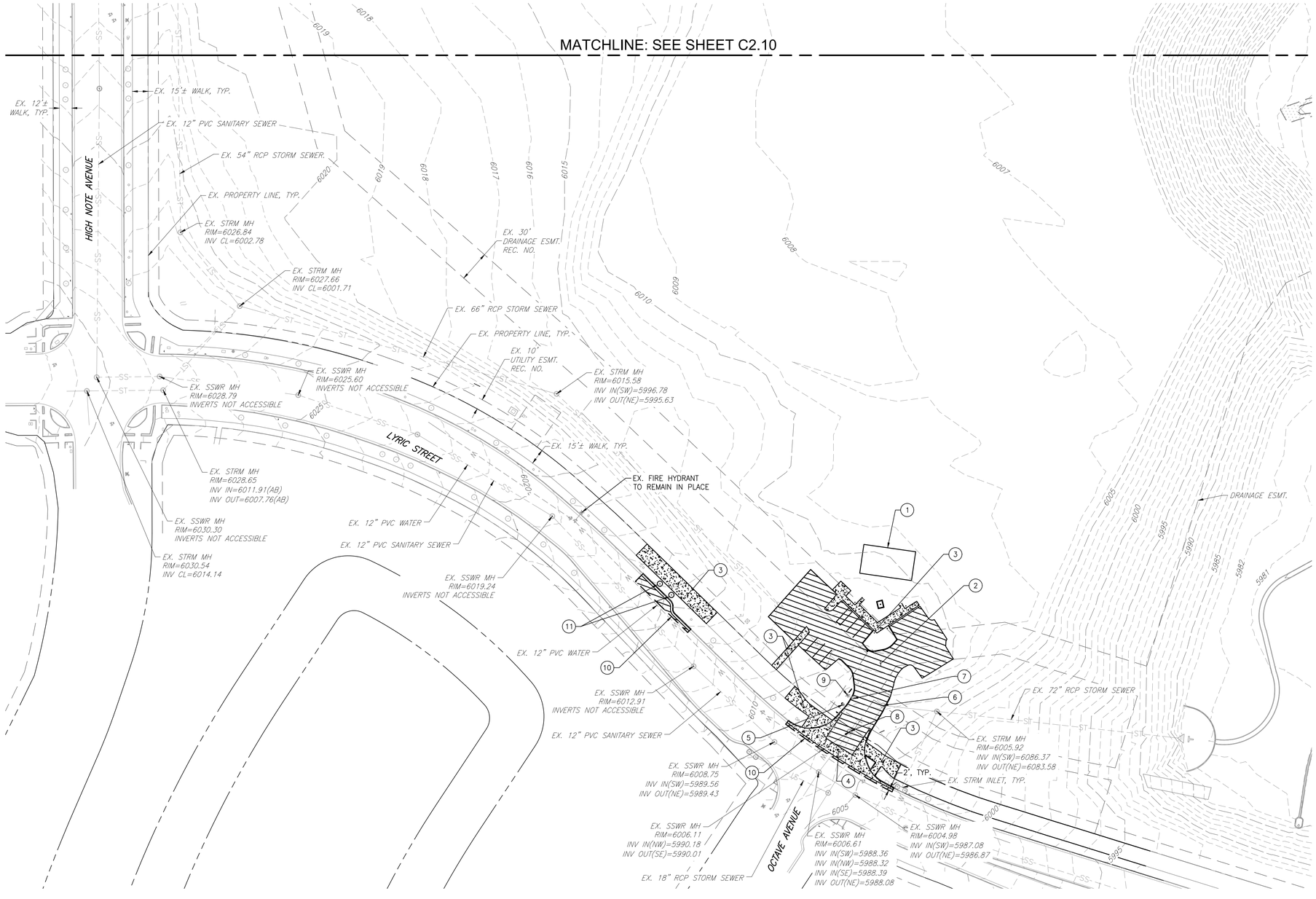
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	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

EXISTING CONDTIONS AND DEMOLITION PLAN

Sheet number

C1.00



NOTES:

1. SEE SHEETS C0.00 – C0.01 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
2. EXISTING CONDITIONS SURVEY BASED UPON THE ALTA SURVEY PERFORMED BY BAILEY PROFESSIONAL SOLUTIONS ON MAY 02, 2025.
3. LIMITS OF CONSTRUCTION ARE TO BE COORDINATED WITH PROPOSED IMPROVEMENTS. REFER TO LAYOUT, GRADING, STORM, AND SANITARY PLANS.
4. THE CONTRACTOR SHALL COORDINATE ADDITIONAL DEMOLITION REQUIREMENTS AS NECESSARY FOR CONSTRUCTION ACCESS AND STAGING.
5. THE CONTRACTOR SHALL REPAIR AND REPLACE ANY OBJECTS DAMAGED OR DESTROYED OUTSIDE THE SCOPE OF THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR TO FIELD LOCATE ALL EXISTING UTILITIES (HORIZONTALLY AND VERTICALLY) THREE WEEKS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY CONFLICTS OR DISCREPANCIES IMMEDIATELY.
7. ALL MATERIALS TO BE DISPOSED OF LEGALLY OFFSITE.
8. CONTRACTOR TO COORDINATE WITH LOCAL SERVICE PROVIDERS FOR DRY UTILITY RELOCATIONS/SHUT OFFS AS NECESSARY.
9. THE CONTRACTOR SHALL COORDINATE ADDITIONAL DEMOLITION REQUIREMENTS AS SHOWN IN THE LANDSCAPE PLANS AND SPECIFICATIONS AND NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
10. BARRIERS/FENCING SHALL BE PROVIDED PRIOR TO SITE DEMOLITION TO PROVIDE FOR THE SAFETY OF WORKERS AND PASSERSBY. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN EGRESS/ACCESS TO ADJACENT BUILDINGS DURING CONSTRUCTION AND SHALL PROVIDE A BARRIER/FENCING PLAN AND SITE LOGISTICS PLAN TO THE OWNER FOR REVIEW PRIOR TO CONSTRUCTION.
11. EXISTING UTILITIES NOT SHOWN TO BE REMOVED/RELOCATED ARE TO REMAIN PROTECTED THROUGH OUT CONSTRUCTION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES. ANY REQUIRED UTILITY OUTAGES SHALL BE COORDINATED WITH THE UTILITY PROVIDER AND OWNER(S) OF AFFECTED PROPERTIES.
12. THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLES, RIMS, VALVE BOXES, ELECTRIC VAULT/BOXES, TELECOM VAULT/BOXES, ETC. TO MATCH FINAL GRADE. ALL MANHOLES COVERS, ELECTRICAL BOX COVERS, TELECOM BOX COVERS, ETC. SHALL BE REPLACED WITH NEW COVERS IF DAMAGED.
13. THE CONTRACTOR SHALL PROVIDE FOR DUST CONTROL DURING DEMOLITION TO INCLUDE COVERING OF ALL TRUCKS HAULING DEBRIS OFFSITE, SWEEPING ADJACENT STREETS, AND APPLYING AN APPROVED DUST PALLIATIVE AS NECESSARY.
14. THE CONTRACTOR SHALL SWEEP ALL SEDIMENT, DIRT, MUD & DEBRIS TRACKED OR DEPOSITED ON PUBLIC OR PRIVATE STREETS IMMEDIATELY AND REMEDY THE SOURCE OF TRACKING.
15. CONTRACTOR SHALL STRAIGHT SAWCUT EXISTING ASPHALT PAVEMENT AT DEMOLITION LIMITS. APPLY TACKCOAT AT EDGE PRIOR TO PLACING NEW ASPHALT. ALL NEW CURB AND GUTTER OR CONCRETE PAVEMENT ABUTTING EXISTING.
16. EXISTING CONCRETE PAVEMENT, SIDEWALKS AND CURB AND GUTTER AT DEMOLITION LIMITS SHALL BE CUT AT EXISTING JOINTS WHERE POSSIBLE. ALL CONCRETE PANELS DAMAGED OR PARTIALLY REMOVED FOR CONSTRUCTION SHALL INCLUDE FULL PANEL REPLACEMENT.
17. THE CONTRACTOR SHALL COORDINATE LANDSCAPE DEMOLITION WITH THE OWNER AND LANDSCAPE ARCHITECT AND SALVAGE ITEMS AS DIRECTED BY OWNER. SEE LANDSCAPES PLANS FOR TREE, PLANT, AND IRRIGATION SYSTEM DEMOLITION/RELOCATIONS. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF EXISTING IRRIGATION SYSTEM WITH OWNER.
18. TREES, LANDSCAPING AND STRUCTURES NOT DESIGNATED FOR DEMOLITION ARE TO REMAIN PROTECTED THROUGH OUT CONSTRUCTION. CONTRACTOR SHALL FOLLOW TREE PROTECTION SPECIFICATION. THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION OUTSIDE OF THE PROJECT LIMITS.
19. THE CONTRACTOR SHALL COORDINATE SALVAGE OR RELOCATION OF DEMOLITION ITEMS (LIGHTPOLES, SIGNS, FENCES, GATES, ETC.) WITH THE OWNER AND OTHER DESIGN CONSULTANTS.
20. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL ELEVATIONS OF MATCH EXISTING LOCATIONS AND EXISTING CURB AND GUTTER AT LEAST THREE WEEKS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES GREATER THAN 0.05'.
21. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL KNOWN UTILITY CROSSINGS A MINIMUM OF THREE WEEKS IN ADVANCE OF ANY CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
22. ALL DISTURBANCES TO EXISTING ROADWAY, SIDEWALK, CURB OR GUTTER, INCLUDING SURFACE DAMAGE TO PAVEMENT OR STRIPING, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. SEE THE CITY OF LONETREET ROADWAY DESIGN AND CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.

DEMOLITION KEY NOTES:

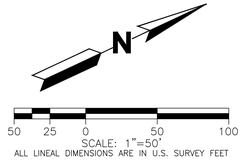
1. EXISTING BUILDING TO BE REMOVED.
2. EXISTING ASPHALT TO BE REMOVED.
3. EXISTING CONCRETE SIDEWALK TO BE REMOVED.
4. EXISTING CONCRETE PAN TO BE REMOVED.
5. ABANDON WATER METER VAULT IN PLACE. COORDINATE WITH PARKER WATER AND SANITATION DISTRICT ON METER SALVAGING. ABANDON WATER SERVICE PER PARKER WATER AND SANITATION DISTRICT'S SPECIFICATIONS.
6. ADJUST EXISTING STORM MANHOLE TO FINAL ELEVATION.
7. ADJUST EXISTING WATER VALVE TO FINAL ELEVATION.
8. ADJUST EXISTING SANITARY SEWER MANHOLE TO FINAL ELEVATION.
9. EXISTING FIRE HYDRANT TO REMAIN PROTECTED IN PLACE.
10. SAWCUT AND REMOVE EXISTING ASPHALT.
11. EXISTING TREE TO BE REMOVED.

BASIS OF BEARINGS:

THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON A GPS SITE CALIBRATION OF POINTS REFERENCED ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022. BEARINGS ARE FURTHER DEFINED LOCALLY TO THE SITE BY THE WESTERLY LINE OF TRACT AQ, MONUMENTED AT THE NORTH END BY A #5 REBAR AND AT THE SOUTH LINE BY REBAR WITH A YELLOW PLASTIC CAP "LS 24673". SAID LINE BEARS NORTH 09°18'42" EAST.

BENCHMARK:

VERTICAL DATA SHOWN ON THIS SURVEY IS BASED ON POINT #558 SHOWN ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022, BEING A 3-1/2" RTD BRASS CAP "PLS 24942". ELEV=6074.44 NAVD 88.





CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

MARTIN/MARTIN ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. UNLESS OTHERWISE NOTED, THE UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED BY OTHERS AND DEPICTED AS ASCE (38) QUALITY LEVEL D. IN ACCORDANCE WITH THE PROVISIONS OF COLORADO REVISED STATUTE, TITLE 9, IT IS THE CONTRACTORS RESPONSIBILITY TO CALL COLORADO 811 UTILITY LOCATE SERVICE FOR UTILITY LOCATES BEFORE DIGGING, AND FIELD VERIFY THE SIZE, MATERIAL, HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES (DEPICTED OR NOT DEPICTED) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
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Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.876.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

illume
Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

RSM Design
Branding, Signage & Wayfinding
tel 949.492.9479

Peregrine Fire
Fire Protection Consultant & Wildfire Mitigation
tel 303.997.8875

Fountain Source
Water Feature Consultant
tel 303.997.8875

Roxbox
Container Architect
tel 303.997.8875



NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

EXISTING CONDITIONS AND DEMOLITION PLAN

Sheet number

C1.01

HIGH NOTE REGIONAL PARK PHASE 1

GRADING, EROSION, AND SEDIMENT CONTROL PLANS

RIDGEGATE SW VILLAGE, FILING NO. 1, AMENDMENT 1
A PART OF SECTION 23 AND 24, TOWNSHIP 6 SOUTH,
RANGE 67 WEST OF THE 6TH P.M.
CITY OF LONE TREE, DOUNTY OF DOUGLAS,
STATE OF COLORADO

ABBREVIATIONS:

APPROX	APPROXIMATE
ARCH	ARCHITECT
BLDG	BUILDING
BM	BENCHMARK
BOC	BACK OF CURB
CIP	CAST IRON PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTOUR
COR	CORNER
CU	COPPER
DEMO	DEMOLITION
DIA OR ø	DIAMETER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DTL.	DETAIL
EL	ELEVATION
ELEC	ELECTRICAL
ESMT	EASEMENT
EX	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FES	FLARED END SECTION
FFE	FINISHED FLOOR ELEVATION
FGW	FINISHED GRADE AT WALL
FHY	FIRE HYDRANT
FL	FLOW LINE
FT	FOOT
GB	GRADE BREAK
GR	GRATE (AREA OR VALLEY INLETS)
GV	GATE VALVE
HERCP	HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HGL	HYDRAULIC GRADE LINE
HORZ	HORIZONTAL
HP	HIGH POINT
INV	INVERT
LF	LINEAL FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MH	MANHOLE
MIN	MINIMUM
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENCY
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PIV	PRESSURE INDICATOR VALVE
PL	PROPERTY LINE
PLBG	PLUMBING
PRKG	PARKING
PRV	PRESSURE REDUCING VALVE
PVC	POLYVINYL CHLORIDE PIPE
PVMT	PAVEMENT
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
R.O.W.	RIGHT OF WAY
RT	RIGHT
SSWR	SANITARY SEWER
SF	SQUARE FOOT
STA	STATION
STRM	STORM SEWER
STRC	STRUCTURAL
SWLK	SIDEWALK
SY	SQUARE YARD
TELE	TELEPHONE
TB	THRUST BLOCK
TEMP	TEMPORARY
TOC	TOP OF CURB
TOW	TOP OF WALL (RE: NOTE BELOW)
TYP.	TYPICAL
UD	UNDER DRAIN
UG	UNDERGROUND
VERT	VERTICAL
VC	VERTICAL CURVE

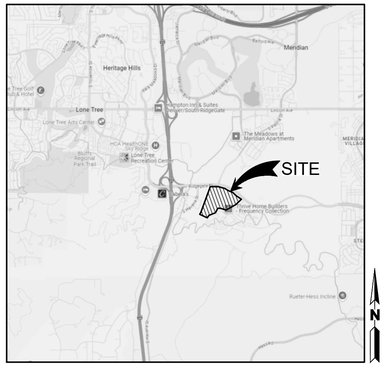
NOTE: TOW SHALL BE TOP OF WATER ON UTILITY SHEETS ONLY AND TOP OF WALL ON ALL OTHER SHEETS.

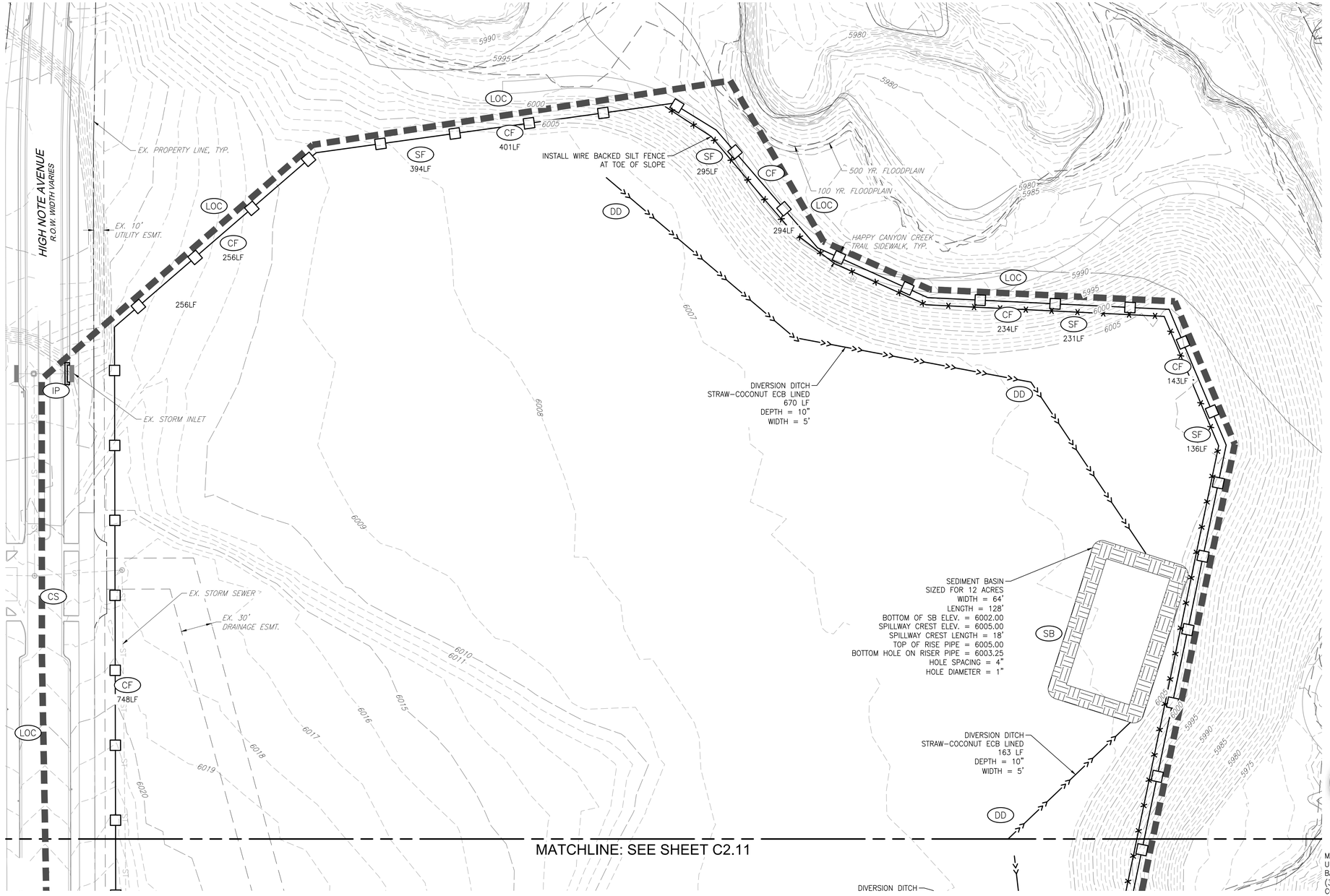
CITY OF LONE TREE GENERAL NOTES:

1. THE GRADING, EROSION AND SEDIMENT CONTROL PLAN INCLUDED HEREIN HAS BEEN PLACED IN THE CITY OF LONE TREE FILE FOR THIS PROJECT AND APPEARS TO FULFILL APPLICABLE LONE TREE GRADING, EROSION AND SEDIMENT CONTROL CRITERIA, AS AMENDED. ADDITIONAL GRADING, EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED OF THE PERMITTEES DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT FUNCTION AS INTENDED. THE REQUIREMENTS OF THIS PLAN SHALL RUN WITH THE LAND AND BE THE OBLIGATION OF THE PERMITTEES, UNTIL SUCH TIME AS THE PLAN IS PROPERLY COMPLETED, MODIFIED OR VOIDED.

MARTIN/MARTIN EROSION CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION TO PREVENT DAMAGING FLOWS ON THE SITE AND IN THE WATERSHED BELOW THE SITE. CONTROL SYSTEMS SHALL BE INSTALLED PRIOR TO STRIPPING OF NATIVE VEGETATIVE COVER AND AS GRADING PROGRESSES. REFER TO SEDIMENT AND EROSION CONTROL PLANS AND STORM WATER MANAGEMENT PLAN. CONDITIONS IN THE FIELD MAY WARRANT EROSION CONTROL MEASURES IN ADDITION TO WHAT IS SHOWN ON THESE PLANS. THE PLAN MAY BE MODIFIED WITH APPROPRIATE APPROVALS AS FIELD CONDITIONS WARRANT.
2. NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED WHEREVER POSSIBLE. EXPOSURE OF SOIL TO EROSION BY REMOVAL OR DISTURBANCE OF VEGETATION SHALL BE LIMITED TO THE AREA REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATION AND FOR THE SHORTEST PRACTICAL PERIOD OF TIME.
3. TOPSOIL SHALL BE STOCKPILED TO THE EXTENT PRACTICABLE ON THE SITE FOR USE ON AREAS TO BE REVEGETATED. ANY AND ALL STOCKPILES SHALL BE LOCATED AND PROTECTED FROM EROSIVE ELEMENTS.
4. AT ALL TIMES, THE PROPERTY SHALL BE MAINTAINED AND/OR WATERED TO PREVENT WIND-CAUSED EROSION. EARTHWORK OPERATIONS SHALL BE DISCONTINUED WHEN FUGITIVE DUST SIGNIFICANTLY IMPACTS ADJACENT PROPERTY. IF EARTHWORK IS COMPLETE OR DISCONTINUED AND DUST FROM THE SITE CONTINUES TO CREATE PROBLEMS, THE CONTRACTOR SHALL IMMEDIATELY INSTITUTE MITIGATIVE MEASURES AND SHALL CORRECT DAMAGE TO ADJACENT PROPERTY.
5. PERMANENT OR TEMPORARY SOIL STABILIZATION MEASURES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 30 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. UNLESS SPECIFIED OTHERWISE, TEMPORARY VEGETATION SHALL BE INSTALLED ON ALL DISTURBED AREAS WHERE PERMANENT SURFACE IMPROVEMENTS ARE NOT SCHEDULED FOR INSTALLATION WITHIN THREE MONTHS. TEMPORARY VEGETATION SHALL BE A VIGOROUS, DROUGHT TOLERANT, NATIVE SPECIES MIX. PROJECT SCHEDULING SHOULD TAKE ADVANTAGE OF SPRING OR FALL PLANTING SEASONS FOR NATURAL GERMINATION, BUT SEEDED AREAS SHALL BE IRRIGATED, IF CONDITIONS MERIT. REFER TO THE LANDSCAPE PLAN FOR FINAL LANDSCAPING.
6. TEMPORARY FENCES SHALL BE INSTALLED ALONG ALL BOUNDARIES OF THE CONSTRUCTION LIMITS OR PROPERTY LINES AS SHOWN ON THE APPROVED EROSION CONTROL PLAN, TO PREVENT GRADING ON PROPERTY NOT OWNED BY THE OWNER/DEVELOPER. IN ADDITION, THE [LOCAL JURISDICTION] MAY REQUIRE ADDITIONAL TEMPORARY FENCES IF FIELD CONDITIONS WARRANT.
7. THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION, EXCAVATION, TRENCHING, GRADING OR OTHER CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE IMPACTS TO ADJACENT WATERWAYS, ROADWAYS, WETLANDS, ETC., RESULTING FROM WORK DONE AS PART OF THIS PROJECT.
8. THE CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN INADVERTENTLY DISCHARGED TO, OR ACCUMULATED IN, THE FLOWLINES AND PUBLIC RIGHT-OF-WAY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT.
9. THE GRADING CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL ENSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THIS SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC ROADWAYS.
10. APPROVED EROSION AND SEDIMENT CONTROL "BEST MANAGEMENT PRACTICES" [BMP] SHALL BE MAINTAINED AND KEPT IN GOOD REPAIR FOR THE DURATION OF THIS PROJECT. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL BMPS WEEKLY AND AFTER SIGNIFICANT PRECIPITATION EVENTS. ALL NECESSARY MAINTENANCE AND REPAIR SHALL BE COMPLETED IN A TIMELY MANNER. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED FROM A BMP WHEN THE SEDIMENT LEVEL REACHES ONE HALF THE HEIGHT OF THE BMP OR, AT ANY TIME THAT SEDIMENT OR DEBRIS ADVERSELY IMPACTS THE FUNCTIONING OF THE BMP.
11. WATER USED IN THE CLEANING OF CONCRETE TRUCK DELIVERY CHUTES SHALL BE DISCHARGED INTO A PREDEFINED, BERMED CONTAINMENT AREA ON THE JOB SITE. THE REQUIRED CONTAINMENT AREA IS TO BE BERMED SO THAT WASH WATER IS TOTALLY CONTAINED. WASH WATER DISCHARGED INTO THE CONTAINMENT AREA SHALL BE ALLOWED TO INFILTRATE OR EVAPORATE. DRIED CONCRETE WASTE SHALL BE REMOVED FROM THE CONTAINMENT AREA AND PROPERLY DISPOSED OF. SHOULD A PREDEFINED BERMED CONTAINMENT AREA NOT BE AVAILABLE DUE TO THE PROJECT SIZE, OR LACK OF AN AREA WITH A SUITABLE GROUND SURFACE FOR ESTABLISHING A CONTAINMENT AREA, PROPER DISPOSAL OF READY MIX WASHOUT AND RINSE OFF WATER AT THE JOB SITE SHALL CONFORM TO THE APPROVED TECHNIQUES AND PRACTICES IDENTIFIED IN THE COLORADO DEPARTMENT OF PUBLIC HEALTH & ENVIRONMENT'S TRAINING VIDEO ENTITLED "BUILDING FOR A CLEANER ENVIRONMENT, READY MIX WASHOUT TRAINING", AND ITS ACCOMPANYING MANUAL ENTITLED, "READY MIX WASHOUT GUIDEBOOK, VEHICLE AND EQUIPMENT WASHOUT AT CONSTRUCTION SITES." THE DIRECT OR INDIRECT DISCHARGE OF WATER CONTAINING WASTE CONCRETE TO THE STORM SEWER SYSTEM IS PROHIBITED. INFORMATION ABOUT, OR COPIES OF THE VIDEO AND TRAINING MANUAL ARE AVAILABLE FROM THE WATER QUALITY CONTROL DIVISION, COLORADO DEPARTMENT OF PUBLIC HEALTH & ENVIRONMENT, 4300 CHERRY CREEK DRIVE SOUTH, DENVER, COLORADO 80222-1530, 303-692-3555
12. THE CONTRACTOR SHALL PROTECT ALL STORM SEWER FACILITIES ADJACENT TO ANY LOCATION WHERE PAVEMENT CUTTING OPERATIONS INVOLVING WHEEL CUTTING, SAW CUTTING OR ABRASIVE WATER JET CUTTING ARE TO TAKE PLACE. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL WASTE PRODUCTS GENERATED BY SAID CUTTING OPERATIONS ON A DAILY BASIS. THE DISCHARGE OF ANY WATER CONTAMINATED BY WASTE PRODUCTS FROM CUTTING OPERATIONS TO THE STORM SEWER SYSTEM IS PROHIBITED.
13. PAVED SURFACES WHICH ARE ADJACENT TO CONSTRUCTION SITES SHALL BE SWEPT IN A TIMELY MANNER WHEN SEDIMENT AND OTHER MATERIALS ARE TRACKED OR DISCHARGED ON TO THEM. EITHER SWEEPING BY HAND OR USE OF STREET SWEEPERS IS ACCEPTABLE. STREET SWEEPERS USING WATER WHILE SWEEPING IS PREFERRED IN ORDER TO MINIMIZE DUST. FLUSHING OFF PAVED SURFACES WITH WATER IS PROHIBITED.


Heritage Hills
Meridian
Lone Tree
Lone Tree Arts Center
Hampton Inn & Suites Denver/South-Ridgegate
Lincolnshire
The Meadows at Meridian Apartments
MERIDIAN VILLAGE
HCA HealthONE Lone Tree Recreation Center
Lone Tree Golf Course
Lone Tree Golf & Hotel
Lone Tree Regional Park Trail
Lone Tree Library
Clayton Early Learning Frequency Collection
Clayton Early Learning
Clayton Early Learning Lone Tree
Clayton Early Learning Meridian
Clayton Early Learning Ridgegate
Clayton Early Learning Ridgegate East
Clayton Early Learning Ridgegate West
Clayton Early Learning Ridgegate Central
Clayton Early Learning Ridgegate North
Clayton Early Learning Ridgegate South
Clayton Early Learning Ridgegate Southeast
Clayton Early Learning Ridgegate Southwest
Clayton Early Learning Ridgegate Northeast
Clayton Early Learning Ridgegate Northwest
Clayton Early Learning Ridgegate Central East
Clayton Early Learning Ridgegate Central West
Clayton Early Learning Ridgegate Central North
Clayton Early Learning Ridgegate Central South
Clayton Early Learning Ridgegate Central Southeast
Clayton Early Learning Ridgegate Central Southwest
Clayton Early Learning Ridgegate Central Northeast
Clayton Early Learning Ridgegate Central



MATCHLINE: SEE SHEET C2.11

BASIS OF BEARINGS:

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BENCHMARK:

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NOTES:

1. SEE COVER SHEET OF LONE TREE STANDARD NOTES AND DETAILS (SHEET 1 OF 3) FOR LEGEND OF BMP NAMES AND SYMBOLS.
2. ALL PORTABLE TOILETS SHALL BE PLACED ON A PERVIOUS SURFACE AND STAKED DOWN ON ALL FOUR SIDES.
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COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

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_____
CITY OF LONE TREE

_____
DATE

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR GRADING, EROSION AND SEDIMENT CONTROL IMPROVEMENTS ONLY.

ENGINEERING DIVISION ACCEPTANCE BLOCK.

HIGH NOTE REGIONAL PARK

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illume
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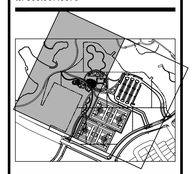
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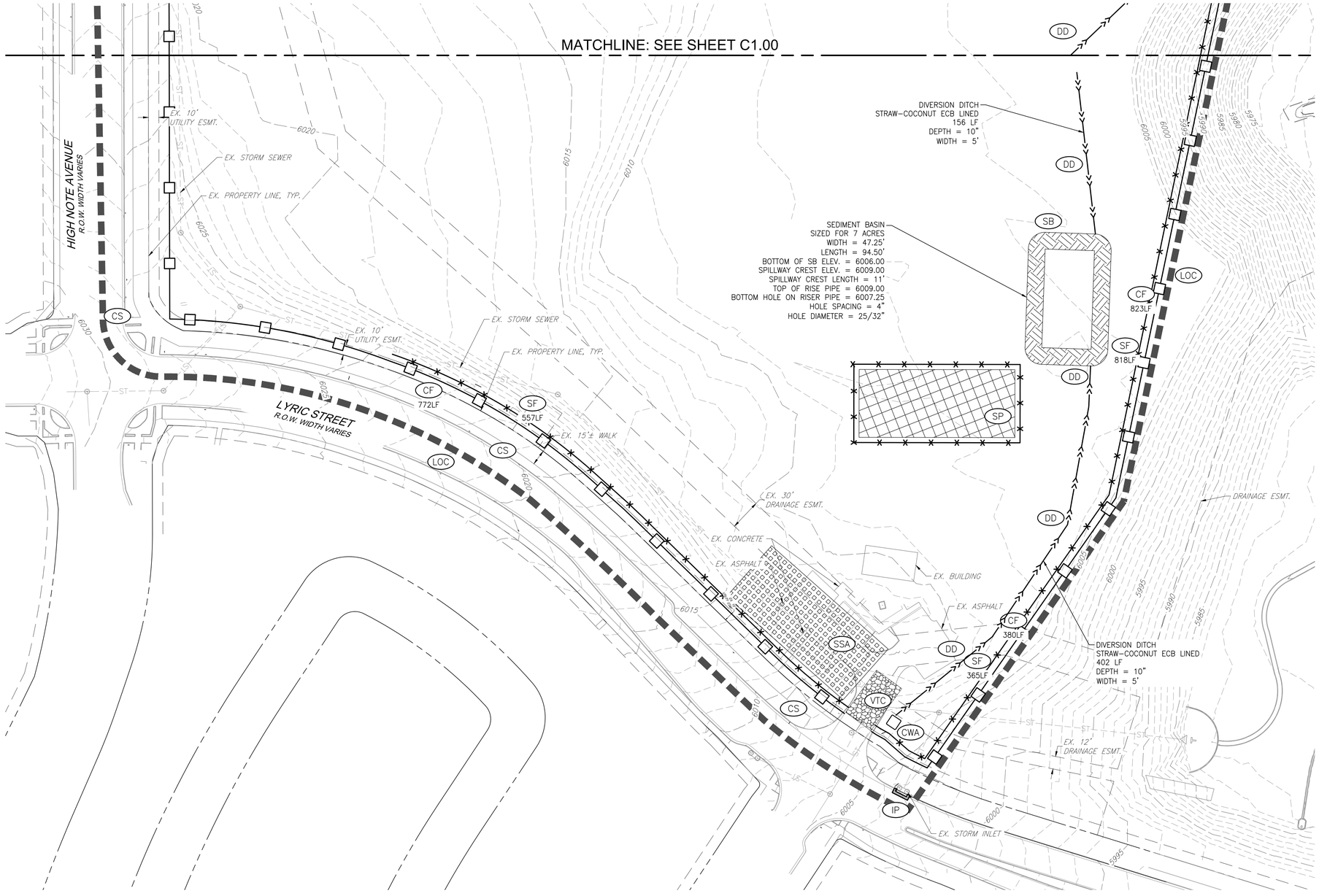


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD

Sheet description
INITIAL EROSION CONTROL PLAN

Sheet number
C2.10



BASIS OF BEARINGS:

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NOTES:

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3. LYRIC STREET SHALL BE CLEANED OF MUD AND SOIL TRACKOUT IMMEDIATELY UTILIZING DRY METHODS ONLY.

N

50 25 0 50 100

SCALE: 1"=50'

ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

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CITY OF LONE TREE

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DATE

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ENGINEERING DIVISION ACCEPTANCE BLOCK.

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
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tel 303.708.1818

South Suburban Park & Recreation
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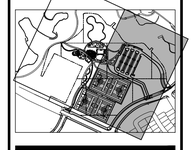
Shen Milsom & Wilke (SM&W)
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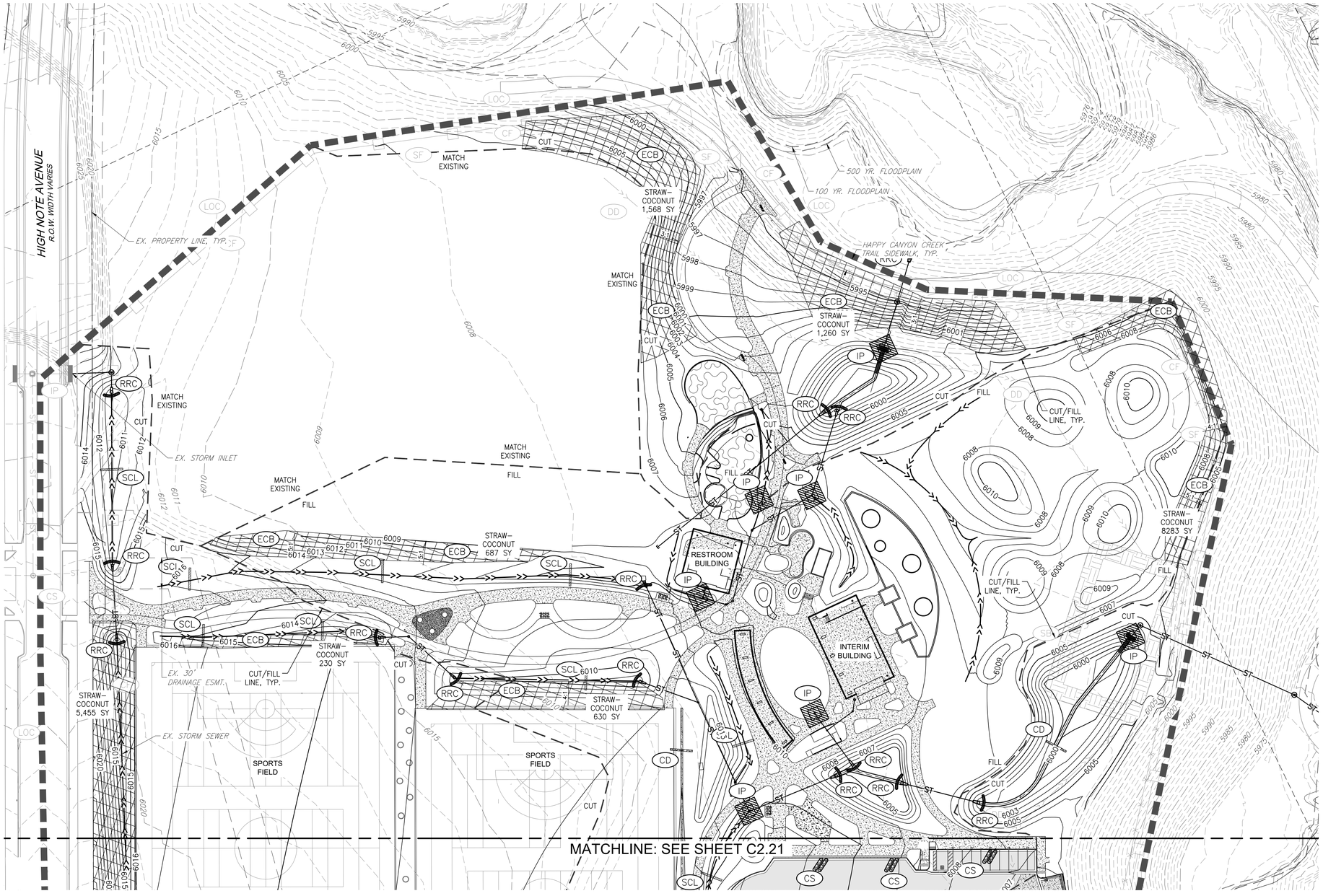
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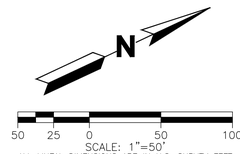
Sheet description

INITIAL EROSION CONTROL PLAN

Sheet number

C2.11





COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

CALL 811 3–BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

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BASIS OF BEARINGS:

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BENCHMARK:

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CUT/FILL SUMMARY TABLE	
CUT	48,000 CY
FILL	34,000 CY

EARTHWORK DISCLAIMER:
EARTHWORK QUANTITIES ARE RAW NUMBERS AND HAVE NOT BEEN ADJUSTED TO ACCOUNT FOR SHRINK, SWELL, COMPACTION, PAVING, UTILITY SPOILS, ETC. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL EARTHWORK

NOTES:

1. SEE COVER SHEET OF LONE TREE STANDARD NOTES AND DETAILS (SHEET 1 OF 3) FOR LEGEND OF BMP NAMES AND SYMBOLS.
2. SHADED BMPS INSTALLED IN THE INITIAL STAGE SHALL BE LEFT IN PLACE IN THE INTERIM STAGE.
3. ALL INTERIM BMPS, INCLUDING SEEDING AND MULCHING OF DISTURBED AREAS, MUST BE COMPLETED PRIOR TO ISSUANCE OF ANY CURB AND GUTTER PERMITS.
4. SEE CONSTRUCTION PLANS FOR DETAILS OF PERMANENT DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, CULVERTS, STORM DRAINS, AND INLET AND OUTLET PROTECTION.

_____
CITY OF LONE TREE

_____
DATE

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ENGINEERING DIVISION ACCEPTANCE BLOCK.

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

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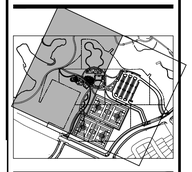
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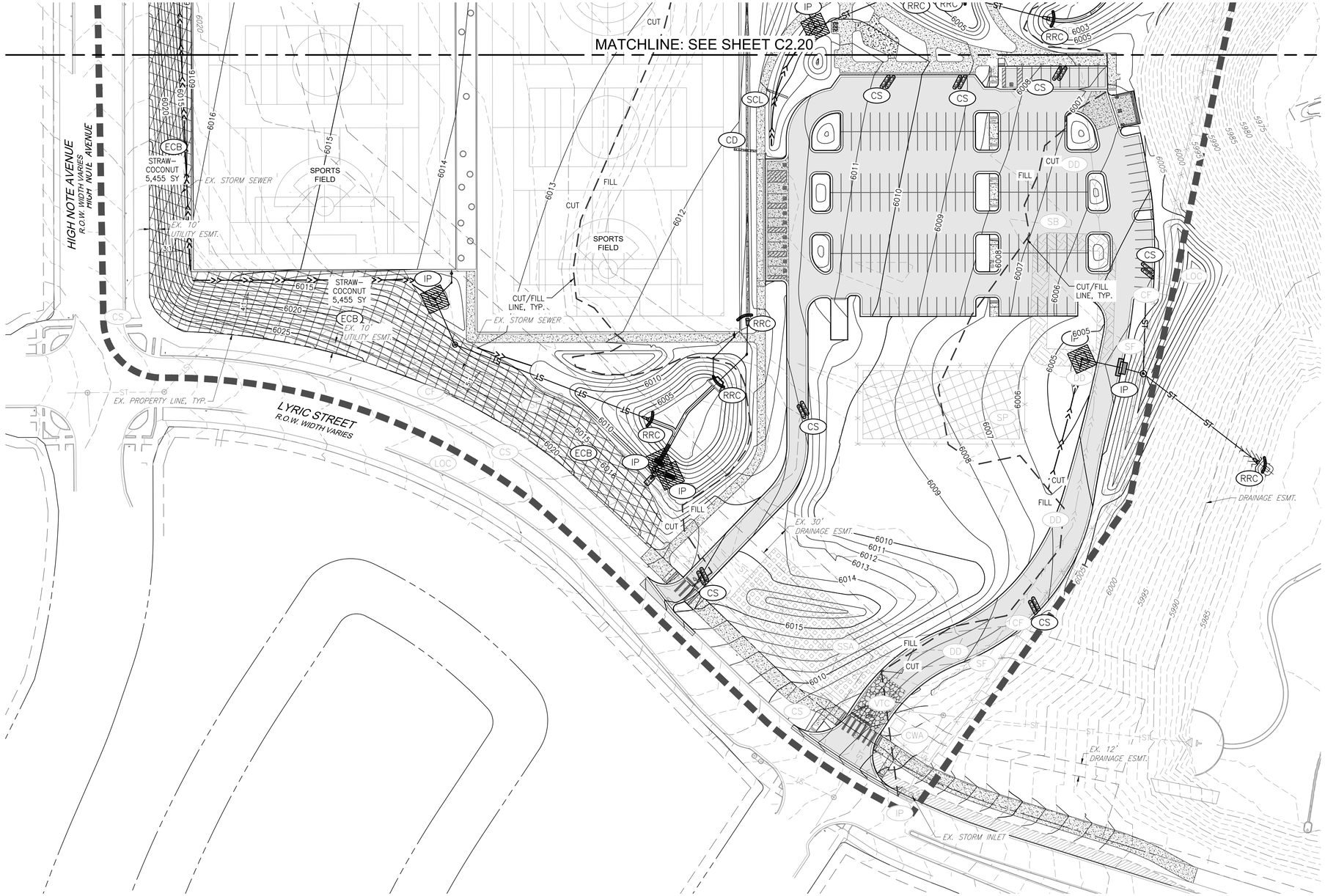


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Rev	Date	Description
	03/02/2026	50% CD

Sheet description
INTERIM EROSION CONTROL PLAN

Sheet number
C2.20



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DATE

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ENGINEERING DIVISION ACCEPTANCE BLOCK.

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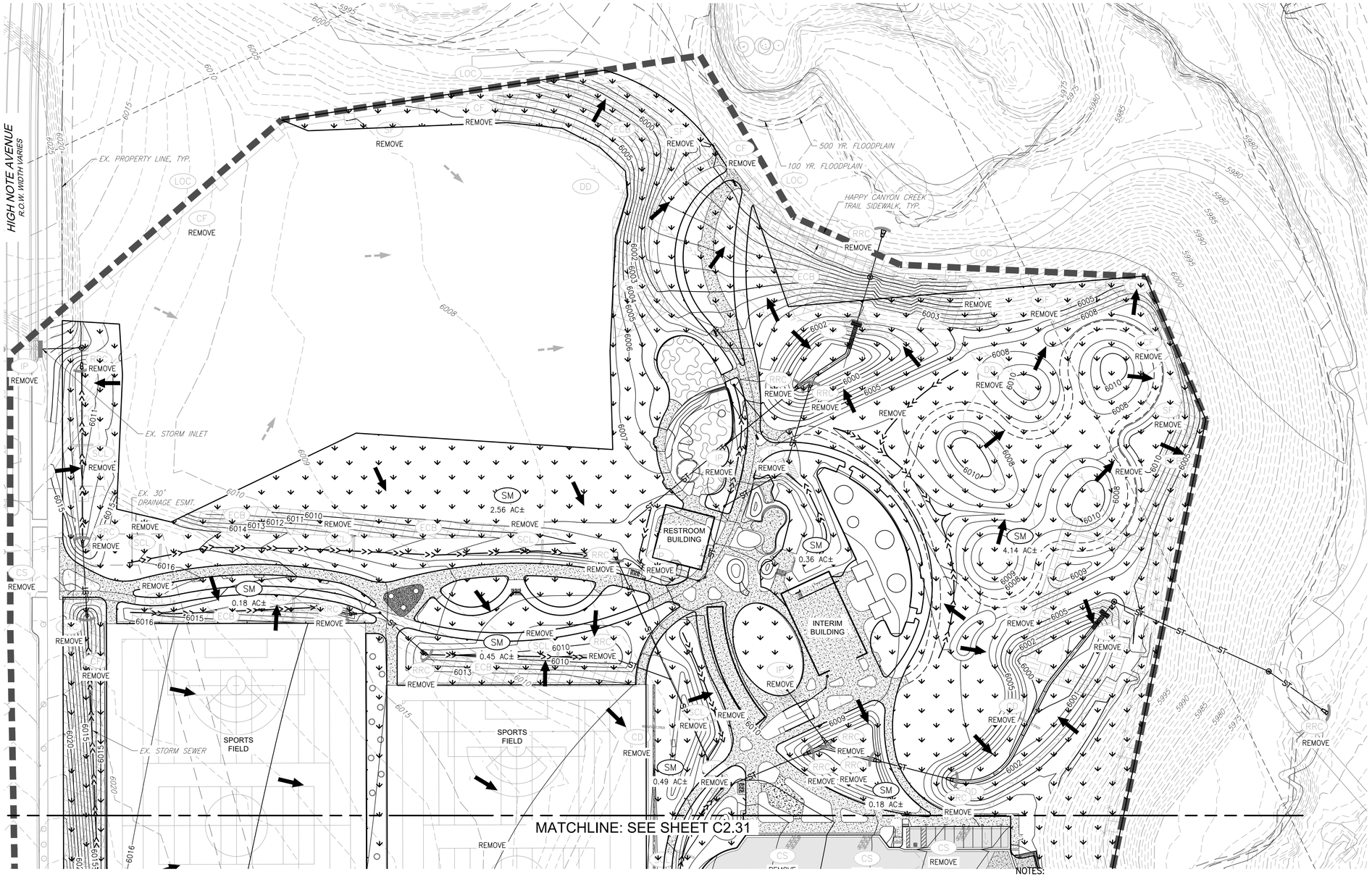


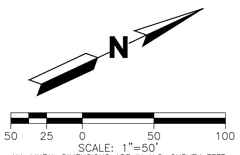
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Rev	Date	Description
	03/02/2026	50% CD

Sheet description
INTERIM EROSION CONTROL PLAN

Sheet number
C2.21





ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

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CITY OF LONE TREE

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ENGINEERING DIVISION ACCEPTANCE BLOCK.

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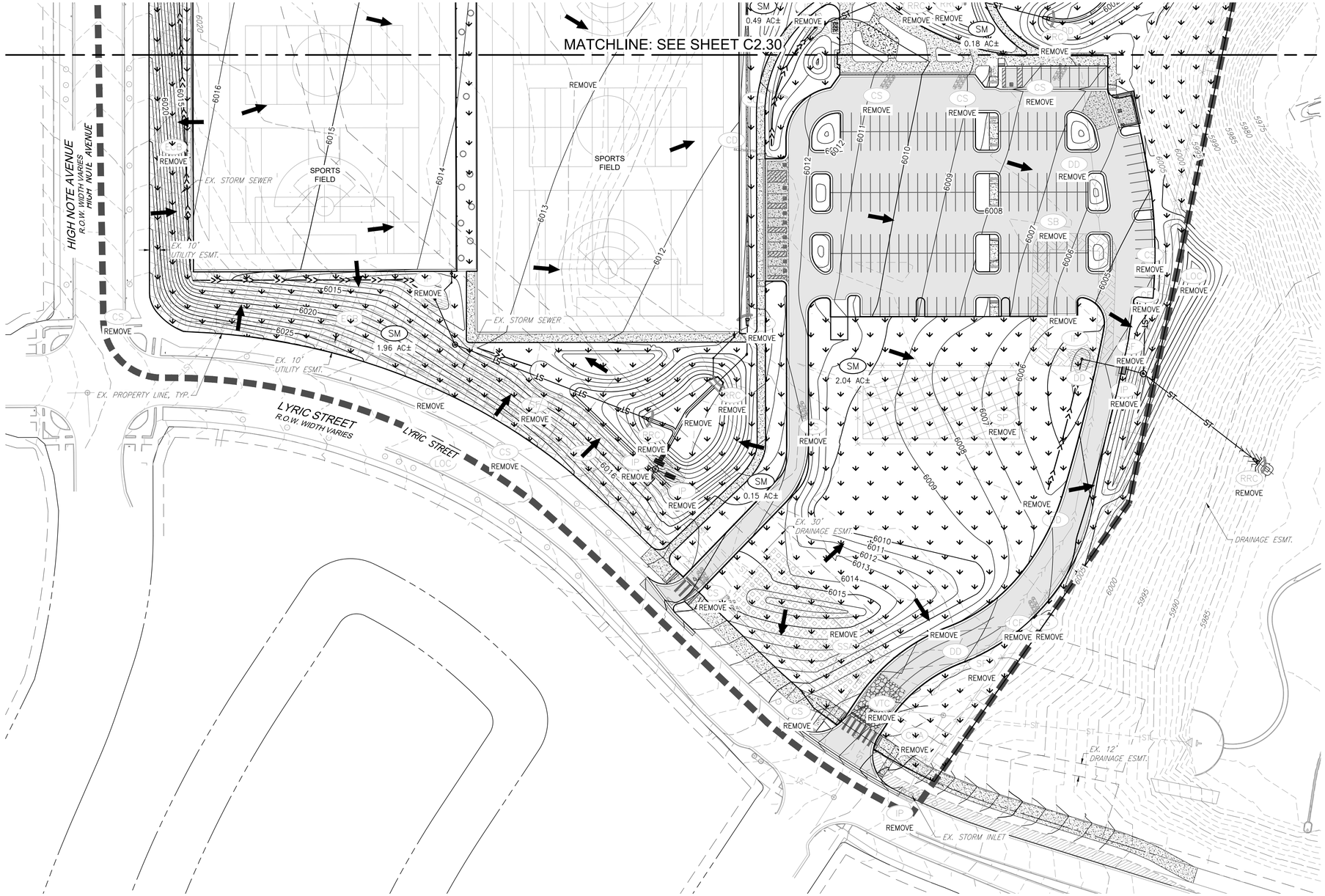
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	03/02/2026	50% CD

Sheet description

FINAL EROSION CONTROL PLAN

Sheet number

C2.30



BASIS OF BEARINGS:

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N

50 25 0 50 100

SCALE: 1"=50'

ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

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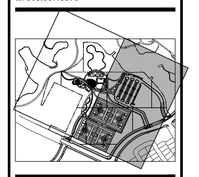
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Rev	Date	Description
	03/02/2026	50% CD

Sheet description

FINAL EROSION CONTROL PLAN

Sheet number

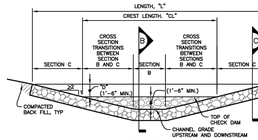
C2.31

GRADING, EROSION, AND SEDIMENT CONTROL (GESC) GENERAL NOTES ⚠

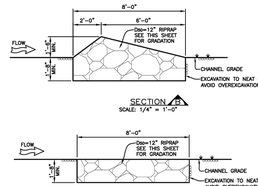
1. THE CITY OF LONE TREE ENGINEER'S SIGNATURE AFFIXED TO THIS DOCUMENT INDICATES THE CITY OF LONE TREE PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, HAS REVIEWED THE DOCUMENT AND FOUND IT IN GENERAL COMPLIANCE WITH THE CITY OF LONE TREE SUBDIVISION REGULATIONS AND/OR THE GRADING, EROSION AND SEDIMENT CONTROL (GESC) CRITERIA MANUAL. THE CITY OF LONE TREE ENGINEER, THROUGH ACCEPTANCE OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY (OTHER THAN AS STATED ABOVE) FOR THE COMPLETENESS AND/OR ACCURACY OF THESE DOCUMENTS.
2. THE ADEQUACY OF THIS GESC PLAN LIES WITH THE ORIGINAL DESIGN ENGINEER.
3. THE GESC PLAN SHALL BE CONSIDERED VALID FOR TWO (2) YEARS FROM THE DATE OF ACCEPTANCE BY THE CITY OF LONE TREE, AFTER WHICH TIME THE PLAN SHALL BE VOID AND WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF LONE TREE.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF LONE TREE ENGINEERING DIVISION. THE CITY OF LONE TREE RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THE GESC MANUAL, GESC PLAN OR GESC PERMIT.
5. THE PLACEMENT OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE IN ACCORDANCE WITH THE CITY OF LONE TREE – ACCEPTED GESC PLAN AND THE CITY OF LONE TREE GESC MANUAL.
6. ANY VARIATION IN MATERIAL TYPE OR LOCATION OF EROSION AND SEDIMENT CONTROL BMPs FROM THE CITY OF LONE TREE – ACCEPTED GESC PLAN WILL REQUIRE APPROVAL FROM AN ACCOUNTABLE REPRESENTATIVE OF THE CITY OF LONE TREE ENGINEERING DIVISION.
7. AFTER THE GESC PLAN HAS BEEN ACCEPTED, THE GESC PERMIT APPLIED FOR, FEES AND FISCAL SECURITY SUBMITTED TO THE CITY, AND THE GESC FIELD MANUAL OBTAINED AND REVIEWED, THE CONTRACTOR MAY INSTALL THE INITIAL-STAGE EROSION AND SEDIMENT CONTROL BMPs INDICATED ON THE ACCEPTED GESC PLAN.
8. THE FIRST BMP TO BE INSTALLED ON THE SITE SHALL BE CONSTRUCTION FENCE, MARKERS, OR OTHER APPROVED MEANS OF DEFINING THE LIMITS OF CONSTRUCTION, INCLUDING CONSTRUCTION LIMITS ADJACENT TO STREAM CORRIDORS AND OTHER AREAS TO BE PRESERVED.
9. AFTER INSTALLATION OF THE INITIAL-STAGE EROSION AND SEDIMENT CONTROL BMPs, THE PERMITTEE SHALL CALL THE CITY OF LONE TREE CONSTRUCTION INSPECTOR AT (303) 662-8112 TO SCHEDULE A PRECONSTRUCTION MEETING AT THE PROJECT SITE. THE REQUEST SHALL BE MADE A MINIMUM OF THREE BUSINESS DAYS PRIOR TO THE REQUESTED MEETING TIME. NO CONSTRUCTION ACTIVITIES SHALL BE PLANNED WITHIN 24 HOURS AFTER THE PRECONSTRUCTION MEETING.
10. THE OWNER OR OWNER'S REPRESENTATIVE, THE GESC MANAGER, THE GENERAL CONTRACTOR, AND THE GRADING SUBCONTRACTOR, IF DIFFERENT FROM THE GENERAL CONTRACTOR, MUST ATTEND THE PRECONSTRUCTION MEETING. IF ANY OF THE REQUIRED PARTICIPANTS FAIL TO ATTEND THE PRECONSTRUCTION MEETING, OR IF THE GESC FIELD MANUAL IS NOT ON SITE, OR IF THE INSTALLATION OF THE INITIAL BMPs ARE NOT APPROVED BY THE CITY OF LONE TREE GESC INSPECTOR, THE APPLICANT WILL HAVE TO PAY A REINSPECTION FEE, ADDRESS ANY PROBLEMS WITH BMP INSTALLATION, AND CALL TO REQUEST ANOTHER PRECONSTRUCTION MEETING PRIOR TO THE START OF CONSTRUCTION. THE CITY OF LONE TREE STRONGLY ENCOURAGES THE APPLICANT TO HAVE THE ENGINEER OF RECORD AT THE PRECONSTRUCTION MEETING. FAILURE OF THE ENGINEER OF RECORD TO ATTEND MAY RESULT IN A DELAY OF THE START OF CONSTRUCTION.
11. CONSTRUCTION SHALL NOT BEGIN UNTIL THE CITY OF LONE TREE GESC INSPECTOR APPROVES THE INSTALLATION OF THE INITIAL BMPs AND THE APPROPRIATE GESC PERMIT IS PICKED UP FROM THE CITY AND IS IN-HAND ON THE SITE. THE COMPLETED PERMIT WILL BE AVAILABLE WITHIN 24-HOURS AFTER THE INSTALLATION OF THE INITIAL BMPs ARE APPROVED.
12. THE GESC MANAGER SHALL STRICTLY ADHERE TO THE CITY OF LONE TREE–APPROVED LIMITS OF CONSTRUCTION AT ALL TIMES. THE CITY OF LONE TREE ENGINEERING DIVISION MUST APPROVE ANY CHANGES TO THE LIMITS OF CONSTRUCTION AND, AT THE DISCRETION OF THE ENGINEERING DIVISION, ADDITIONAL EROSION/SEDIMENT CONTROLS MAY BE REQUIRED IN ANY ADDITIONAL AREAS OF CONSTRUCTION.
13. THE MAXIMUM AREA OF CONSTRUCTION SHALL BE LIMITED TO 40 ACRES (TO ACRES IF APPROVED FOR SOIL MITIGATION OPERATIONS) TO REDUCE THE AMOUNT OF LAND DISTURBED AT ANY ONE TIME; LARGER SITES SHALL BE DIVIDED INTO PHASES THAT ARE EACH 40 (OR TO) ACRES OR LESS. ON THESE PROJECTS, SHALL CONDUCT GRADING ACTIVITIES IN ACCORDANCE WITH THE ACCEPTED GESC FINAL BMP INSTALLATION AND APPROVAL BY THE CITY OF LONE TREE AT THE START AND COMPLETION OF EACH PHASE SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE GESC MANUAL AND/OR GESC FIELD MANUAL.
14. PRIOR TO ACTUAL CONSTRUCTION, THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES. FOR INFORMATION, CONTACT THE DENVER NOTIFICATION CENTER AT 1-800-922-1987 OR DIAL 534-6700.
15. NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED WHEREVER POSSIBLE. EXPOSURE OF SOIL TO EROSION BY REMOVAL OR DISTURBANCE OF VEGETATION SHALL BE LIMITED TO THE AREA REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATIONS.
16. THE GESC PERMIT SHALL BE VALID FOR A PERIOD OF ONE (1) YEAR, UNLESS EXTENDED.
17. A COPY OF THE GESC PERMIT, ACCEPTED GESC PLANS AND THE GESC FIELD MANUAL SHALL BE ON SITE AT ALL TIMES.
18. THE GESC MANAGER SHALL BE RESPONSIBLE FOR ENSURING THAT THE SITE REMAINS IN COMPLIANCE WITH THE GESC PERMIT AND SHALL BE THE PERMITTEE'S CONTACT PERSON WITH THE CITY FOR ALL MATTERS PERTAINING TO THE GESC PERMIT. THE GESC MANAGER SHALL BE PRESENT AT THE SITE THE MAJORITY OF THE TIME AND SHALL BE AVAILABLE THROUGH A 24-HOUR CONTACT NUMBER. IN THE EVENT THAT THE CONTRACTOR'S GESC MANAGER IS NOT ON SITE AND CANNOT BE REACHED DURING A VIOLATION, THE ALTERNATE GESC MANAGER SHALL BE CONTACTED. IF NEITHER THE GESC MANAGER NOR ALTERNATE GESC MANAGER CAN BE CONTACTED DURING ANY VIOLATION, A STOP WORK ORDER SHALL BE ISSUED.
19. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE THROUGH THE CITY OF LONE TREE–APPROVED ACCESS POINT. A VEHICLE TRACKING CONTROL PAD IS REQUIRED AT ALL ACCESS POINTS ON THE SITE. ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES MAY BE ADDED WITH AUTHORIZATION FROM THE CITY OF LONE TREE ENGINEERING DIVISION.
20. THE GESC MANAGER IS RESPONSIBLE FOR CLEANUP OF SEDIMENT OR CONSTRUCTION DEBRIS TRACKED ONTO ADJACENT PAVED AREAS. PAVED AREAS INCLUDING STREETS ARE TO BE KEPT CLEAN THROUGHOUT BUILD-OUT AND SHALL BE CLEANED, WITH A STREET SWEEPER OR SIMILAR DEVICE, AT FIRST NOTICE OF ACCIDENTAL TRACKING OR AT THE DISCRETION OF THE CITY OF LONE TREE GESC INSPECTOR. STREET WASHING IS NOT ALLOWED. THE CITY OF LONE TREE RESERVES THE RIGHT TO REQUIRE ADDITIONAL MEASURES TO ENSURE AREA STREETS ARE KEPT FREE OF SEDIMENT AND/OR CONSTRUCTION DEBRIS.
21. APPROVED EROSION AND SEDIMENT CONTROL BMPS SHALL BE MAINTAINED AND KEPT IN GOOD REPAIR FOR THE DURATION OF THIS PROJECT. AT A MINIMUM, THE GESC MANAGER SHALL INSPECT ALL BMPS IN ACCORDANCE WITH THE ACCEPTED GESC PLAN AND GESC MANUAL. ALL NECESSARY MAINTENANCE AND REPAIR ACTIVITIES SHALL BE COMPLETED WITHIN 48 HOURS FOR LEVEL III VIOLATIONS, AND IMMEDIATELY FOR LEVEL II VIOLATIONS, OR AS DIRECTED BY A CITY OF LONE TREE GESC INSPECTOR. ACCUMULATED SEDIMENT AND CONSTRUCTION DEBRIS SHALL BE REMOVED AND PROPERLY DISPOSED.
22. STRAW BALES ARE NOT A GESC–ACCEPTED SEDIMENT CONTROL BMP.
23. TOPSOIL SHALL BE STRIPPED AND STOCKPILED IN THE LOCATION SHOWN ON THE ACCEPTED GESC PLAN. THE GESC MANAGER SHALL SCHEDULE AN INSPECTION WITH THE CITY OF LONE TREE GESC INSPECTOR AS SOON AS TOPSOIL STRIPPING IS COMPLETED. FAILURE TO SCHEDULE SUCH INSPECTION OR FAILURE TO STOCKPILE TOPSOIL SHALL RESULT IN ISSUANCE OF A STOP WORK ORDER. THE STOP WORK ORDER SHALL REMAIN IN PLACE UNTIL TOPSOIL IS STOCKPILED ON SITE OR APPROPRIATE SOIL AMENDMENTS ARE STOCKPILED ON THE SITE.
24. THE ACCEPTED GESC PLAN MAY REQUIRE CHANGES OR ALTERATIONS AFTER APPROVAL TO MEET CHANGING SITE OR PROJECT CONDITIONS OR TO ADDRESS INEFFICIENCIES IN EROSION OR SEDIMENT CONTROL. THE GESC MANAGER SHALL OBTAIN PRIOR APPROVAL FROM THE DESIGN ENGINEER AND THE CITY OF LONE TREE ENGINEERING FOR ANY PROPOSED CHANGES.
25. LINING OF TEMPORARY SWALES AND DITCHES SHALL BE IN ACCORDANCE WITH THE GESC CRITERIA MANUAL.
26. NO PERMANENT EARTH SLOPES GREATER THAN 3:1 SHALL BE ALLOWED.
27. ANY SETTLEMENT OR SOIL ACCUMULATIONS BEYOND THE LIMITS OF CONSTRUCTION DUE TO GRADING OR EROSION SHALL BE REPAIRED IMMEDIATELY BY THE GESC MANAGER. THE GESC MANAGER SHALL BE HELD RESPONSIBLE FOR OBTAINING ACCESS RIGHTS TO ADJACENT PROPERTY, IF NEEDED, AND REMEDIATING ANY ADVERSE IMPACTS TO ADJACENT WATERWAYS, WETLANDS, PROPERTIES, ETC. RESULTING FROM WORK DONE AS PART OF THIS PROJECT.
28. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
29. SOILS THAT WILL BE STOCKPILED FOR MORE THAN THIRTY (30) DAYS SHALL BE SEEDED AND MULCHED WITHIN FOURTEEN (14) DAYS OF STOCKPILE CONSTRUCTION. NO STOCKPILES SHALL BE PLACED WITHIN ONE HUNDRED (100) FEET OF A DRAINAGE WAY UNLESS APPROVED BY THE CITY OF LONE TREE ENGINEERING DIVISION.
30. ALL CHEMICAL OR HAZARDOUS MATERIAL SPILLS WHICH MAY ENTER WATERS OF THE STATE OF COLORADO, WHICH INCLUDE BUT ARE NOT LIMITED TO, SURFACE WATER, GROUND WATER AND DRY GULLIES OR STORM SEWER LEADING TO SURFACE WATER, SHALL BE IMMEDIATELY REPORTED TO THE CDPHE PER CRS 25–8–601, AND THE CITY OF LONE TREE. RELEASES OF PETROLEUM PRODUCTS AND CERTAIN HAZARDOUS SUBSTANCES LISTED UNDER THE FEDERAL CLEAN WATER ACT (40 CFR PART 116) MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AS WELL AS THE CDPHE. THE APPLICABLE CONTACT INFORMATION FOLLOWS: DOUGLAS COUNTY GESC MANUAL – SUBJECT TO CHANGE): (1) COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT TOLL-FREE 24-HOUR ENVIRONMENTAL EMERGENCY SPILL REPORTING LINE: 1-877-518-5608; NATIONAL RESPONSE CENTER (24-HOUR NATIONAL SPILL RESPONSE) 1-800-424-8802; CITY OF LONE TREE PUBLIC WORKS (303) 662-8112. SPILLS THAT POSE AN IMMEDIATE RISK TO HUMAN HEALTH SHALL BE REPORTED TO 911. FAILURE TO REPORT AND CLEAN UP ANY SPILL SHALL RESULT IN ISSUANCE OF A STOP WORK ORDER.
31. ALL WORK ON SITE SHALL STAY A MINIMUM OF ONE HUNDRED (100) FEET AWAY FROM ANY DRAINAGE WAY, WETLAND, ETC. UNLESS OTHERWISE NOTED ON AN ACCEPTED CITY OF LONE TREE GESC PLAN.
32. ALL PROJECTS SHALL BALANCE EARTHWORK QUANTITIES ON SITE, IN THE EVENT A VARIANCE IS GRANTED BY THE CITY ENGINEER TO ALLOW IMPORT OR EXPORT OF MATERIAL, THE PERMITTEE SHALL HAVE A GESC PERMIT IN HAND FOR THE IMPORT OR EXPORT SITE PRIOR TO ANY TRANSPORTING OF EARTHEN MATERIAL. THE GESC MANAGER SHALL NOTIFY THE CITY OF LONE TREE GESC INSPECTOR OF THE LOCATION AND GESC PERMIT NUMBERS OF BOTH THE EXPORTING AND IMPORTING SITES PRIOR TO ANY IMPORT/EXPORT OPERATIONS.
33. THE USE OF REBAR, STEEL STAKES OR STEEL FENCE POSTS FOR STAKING OR SUPPORT OF ANY EROSION OR SEDIMENT CONTROL BMP IS PROHIBITED (EXCEPT STEEL TEE–POSTS FOR USE IN SUPPORTING CONSTRUCTION FENCE).
34. THE CLEANING OF CONCRETE DELIVERY TRUCK CHUTES IS RESTRICTED TO APPROVED CONCRETE WASH OUT LOCATIONS ON THE JOB SITE. THE DISCHARGE OF WATER CONTAMINATED WITH CONCRETE TO THE STORM SEWER SYSTEM IS PROHIBITED. ALL CONCRETE WASTE SHALL BE PROPERLY CLEANED UP AND DISPOSED AT AN APPROPRIATE LOCATION.
35. ALL DEWATERING ON SITE SHALL BE COORDINATED WITH A CITY OF LONE TREE GESC INSPECTOR AND BE FREE OF SEDIMENT IN ACCORDANCE WITH THE GESC CRITERIA MANUAL.
36. ALL PERMANENT INSTALLATIONS OF PIPES FOR STORM SEWERS, SLOPE DRAINS, AND CULVERTS, TOGETHER WITH APRON APRONS OR OTHER INLET AND OUTLET PROTECTION, REQUIRE INSPECTION BY THE CITY OF LONE TREE ENGINEERING (SEPARATE FROM GESC INSPECTIONS).
37. ALL DISTURBED AREAS SHALL BE DRILL SEEDED AND CRIMP MULCHED IN ACCORDANCE WITH THE DOUGLAS COUNTY GESC MANUAL CRITERIA AND THE CITY OF LONE TREE SEEDING AND MULCHING DETAIL (#17) INCLUDED HEREIN WITHIN THIRTY DAYS OF INITIAL EXPOSURE OR WITHIN SEVEN DAYS OF SUBSTANTIAL COMPLETION (AS DEFINED BY THE CITY OF LONE TREE) OF AN AREA, WHICHEVER IS LESS. THIS MAY REQUIRE MULTIPLE MOBILIZATIONS FOR SEEDING AND MULCHING.
38. HYDRAULIC SEEDING AND HYDRAULIC MULCHING ARE NOT AN ACCEPTABLE METHOD OF SEEDING OR MULCHING IN THE CITY OF LONE TREE.
39. NO CURB AND GUTTER PERMITS SHALL BE ISSUED UNTIL ALL DISTURBED AREAS ARE DRILL SEEDED AND CRIMP MULCHED.
40. NO PAVING PERMITS SHALL BE ISSUED UNTIL ALL INTERIM INLET PROTECTION IS INSTALLED AND APPROVED BY THE GESC INSPECTOR.
41. A FINAL GESC INSPECTION SHALL BE CONDUCTED A MINIMUM OF TWO WEEKS PRIOR TO THE ANTICIPATED REQUEST FOR CERTIFICATE OR TEMPORARY CERTIFICATE OF OCCUPANCY OR INITIAL ACCEPTANCE.

DETAIL SHEET NO. | NO. | BMP LEGEND

1	1	CD	CHECK DAM
2	1	CB	COMPOST BLANKET
3	1	CFB	COMPOST FILTER BERM
4	1	CWA	CONCRETE WASHOUT AREA
5	1	CF	CONSTRUCTION FENCE
6	1	CM	CONSTRUCTION MARKERS
7	1	DW	DEWATERING
8	1	DD	DIVERSION DITCH
9	2	ECB	EROSION CONTROL BLANKET
10	2	IP	INLET PROTECTION
11	2	RCD	REINFORCED CHECK DAM
12	2	RRB	REINFORCED ROCK BERM
13	2	RRD	RRB FOR CULVERT PROTECTION
14	2	SB	SEDIMENT BASIN
15	3	SCL	SEDIMENT CONTROL LOG
16	3	ST	SEDIMENT TRAP
17	3	SM	SEEDING AND MULCHING
18	3	SF	SILT FENCE
19	3	SSA	STABILIZED STAGING AREA
20	3	SR	SURFACE ROUGHENING
21	3	TSD	TEMPORARY SLOPE DRAIN
22	3	TSC	TEMPORARY STREAM CROSSING
23	3	TER	TERRACING
24	3	VTC	VEHICLE TRACKING CONTROL
25	3	WW	VTC WITH WHEEL WASH
⚠ 26	3	CS	CURB SOCK
	1		ROCK AND RIPRAP GRADATIONS
		LOC	LIMITS OF CONSTRUCTION



ELEVATION
SCALE: 1" = 10'-0"



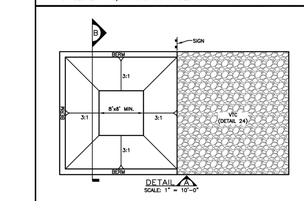
CHECK DAM INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   – LOCATIONS OF CHECK DAMS
   – TYPE OF CHECK DAM (RIPRAP OR REINFORCED CHECK DAM).
   – LENGTH, "L", CREST LENGTH, "CL" AND DEPTH, "D".
2. CHECK DAMS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED AFTER CONSTRUCTION FENCE, BUT PRIOR TO ANY UPSTREAM HAND–DISTURBING ACTIVITIES.
3. RIPRAP UTILIZED FOR CHECK DAMS SHALL HAVE A D_{50} MEDIAN STONE SIZE OF 12".
4. RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'–8".
5. THE ENDS OF THE CHECK DAM SHALL BE A MINIMUM OF 1'–8" HIGHER THAN THE CENTER OF THE CHECK DAM.

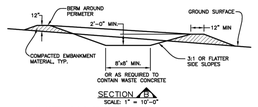
CHECK DAM MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT CHECK DAMS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF CHECK DAM IS WITHIN $\frac{1}{2}$ OF THE HEIGHT OF THE CREST.
3. CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED BY THE CITY.
4. WHEN CHECK DAMS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACK FILL MATERIAL AND THE CHANNEL SHALL BE RESTORED TO ITS ORIGINAL CONDITION WITH EROSION CONTROL BLANKET OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

CD CHECK DAM 1 ⚠



DETAIL 4 ⚠
SCALE: 1" = 10'-0"



SECTION 4 ⚠
SCALE: 1" = 10'-0"

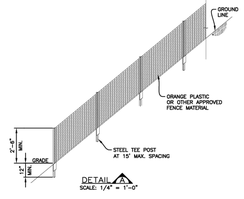
CONCRETE WASHOUT AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   – LOCATIONS OF CONCRETE WASHOUT AREA.
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. VEHICLE TRACKING CONTROL (DETAIL 24) IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

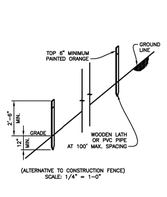
CONCRETE WASHOUT AREA MAINTENANCE NOTES

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.
4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.

CWA CONCRETE WASHOUT AREA 4



DETAIL 5 ⚠
SCALE: 1/4" = 1'-0"



(ALTERNATIVE TO CONSTRUCTION FENCE)
SCALE: 1/4" = 1'-0"

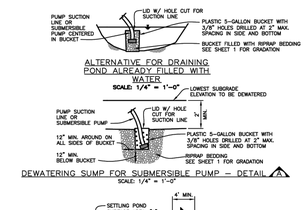
CONSTRUCTION FENCE INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   – TYPE OF CONSTRUCTION LIMIT INDICATOR (FENCE OR MARKERS).
   – LOCATION AND LENGTH OF FENCE OR LINE OF MARKERS.
2. CONSTRUCTION FENCE OR MARKERS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED PRIOR TO OTHER BMPS AND ANY LAND–DISTURBING ACTIVITIES.
3. STEEL TEE POSTS SHALL BE UTILIZED FOR SUPPORT OF CONSTRUCTION FENCE. MAXIMUM SPACING FOR TEE POSTS SHALL BE 15'.

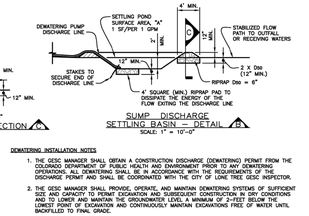
CONSTRUCTION FENCE MAINTENANCE NOTES

1. ANY DAMAGED FENCE OR MARKERS SHALL BE REPAIRED ON A DAILY BASIS.
2. FENCE OR MARKERS SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER FENCE REMOVAL, IT SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

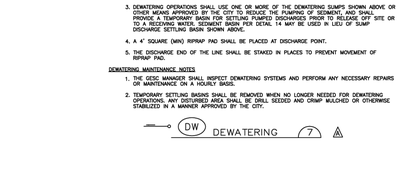
CF CONSTRUCTION FENCE 5 ⚠ CM CONSTRUCTION MARKERS 6



ALTERNATIVE FOR DRAINING POND ALREADY FILLED WITH WATER
SCALE: 1/4" = 1'-0"



DEWATERING SUMP FOR SUBMERSIBLE PUMP – DETAIL 7 ⚠
SCALE: 1/4" = 1'-0"



BASIN OUTLET – SECTION C
SCALE: 1" = 10'-0"

SUMP DISCHARGE SETTLING BASIN – DETAIL 7B ⚠
SCALE: 1" = 10'-0"

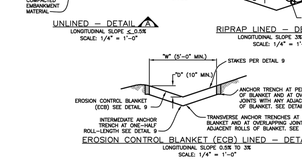
DEWATERING INSTALLATION NOTES

1. THE GESC MANAGER SHALL OBTAIN A CONSTRUCTION DISCHARGE (DEWATERING) PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT PRIOR TO ANY DEWATERING OPERATIONS. ALL DEWATERING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE DISCHARGE PERMIT AND SHALL BE COORDINATED WITH THE CITY OF LONE TREE GESC INSPECTOR.
2. THE GESC MANAGER SHALL PROVIDE, OPERATE, AND MAINTAIN DEWATERING SYSTEMS OF SUFFICIENT SIZE AND CAPACITY TO PERMIT EXCAVATION AND SUBSEQUENT CONSTRUCTION IN DRY CONDITIONS AND TO LOWER AND MAINTAIN THE GROUNDWATER LEVEL A MINIMUM OF 2–FEET BELOW THE LOWEST POINT OF EXCAVATION AND CONTINUOUSLY MAINTAIN EXCAVATIONS FREE OF WATER UNTIL BACKFILLED TO FINAL GRADE.
3. DEWATERING OPERATIONS SHALL USE ONE OR MORE OF THE DEWATERING SUMPS SHOWN ABOVE OR OTHER MEANS APPROVED BY THE CITY TO REDUCE THE PUMPING OF SEDIMENT, AND SHALL PROVIDE A TEMPORARY BASIN FOR SETTLING PUMPED DISCHARGES PRIOR TO RELEASE OFF SITE OR TO A RECEIVING WATER. SEDIMENT BASIN PER DETAIL 14 MAY BE USED IN LIEU OF SUMP DISCHARGE SETTLING BASIN SHOWN ABOVE.
4. A 4' SQUARE (MIN) RIPRAP PAD SHALL BE PLACED AT DISCHARGE POINT.
5. THE DISCHARGE END OF THE LINE SHALL BE STAKED IN PLACES TO PREVENT MOVEMENT OF RIPRAP PAD.

DEWATERING MAINTENANCE NOTES

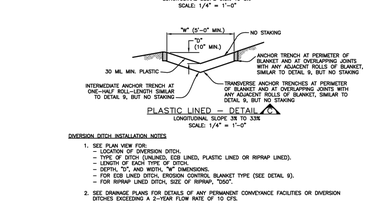
1. THE GESC MANAGER SHALL INSPECT DEWATERING SYSTEMS AND PERFORM ANY NECESSARY REPAIRS OR MAINTENANCE ON A HOURLY BASIS.
2. TEMPORARY SETTLING BASINS SHALL BE REMOVED WHEN NO LONGER NEEDED FOR DEWATERING OPERATIONS. ANY DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

DW DEWATERING 7 ⚠

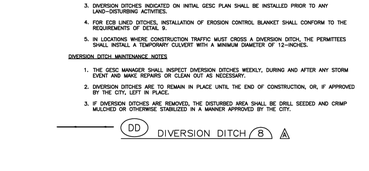


UNLINED – DETAIL 8A ⚠
LONGITUDINAL SLOPE ≤ 0.5%
SCALE: 1/4" = 1'-0"

RIPRAP LINED – DETAIL 8B ⚠
LONGITUDINAL SLOPE 0.5% TO 33%
SCALE: 1/4" = 1'-0"



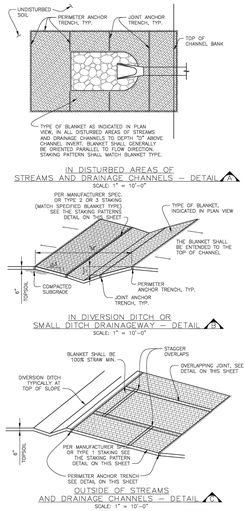
EROSION CONTROL BLANKET (ECB) LINED – DETAIL 8B ⚠
LONGITUDINAL SLOPE 0.5% TO 3%
SCALE: 1/4" = 1'-0"



PLASTIC LINED – DETAIL 8C ⚠
LONGITUDINAL SLOPE 3% TO 33%
SCALE: 1/4" = 1'-0"

DIVERSION DITCH INSTALLATION NOTES

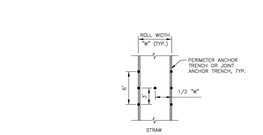
1. SEE PLAN VIEW FOR:
   – LOCATIONS OF DIVERSION DITCH.
   – TYPE OF DITCH (UNLINED, ECB LINED, PLASTIC LINED OR RIPRAP LINED).
   – LENGTH OF EACH TYPE OF DITCH.
   – DEPTH, "D", AND WIDTH, "W" DIMENSIONS.
   – FOR ECB LINED DITCH, EROSION CONTROL BLANKET TYPE (S



IN DISTURBED AREAS OF STREAMS AND DRAINAGE CHANNELS — DETAIL A
SCALE: 1" = 10'-0"

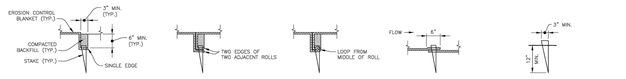
IN DIVERSION DITCH OR SMALL DITCH DRAINAGEWAY — DETAIL B
SCALE: 1" = 10'-0"

OUTSIDE OF STREAMS AND DRAINAGE CHANNELS — DETAIL C
SCALE: 1" = 10'-0"



STAKING PATTERNS
SCALE: 1" = 10'-0"

SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION. IF NO MANUFACTURER'S SPECIFICATION IS AVAILABLE USE THE ACCEPTABLE STAKING PATTERN (AS SHOWN ABOVE).



PERIMETER ANCHOR TRENCH | JOINT ANCHOR TRENCH | INTERMEDIATE ANCHOR TRENCH | OVERLAPPING JOINT | WOOD STAKE DETAIL
SCALE: 1/2" = 1'-0" | SCALE: 1/2" = 1'-0" | SCALE: 1/2" = 1'-0" | SCALE: 1/2" = 1'-0" | SCALE: 1/2" = 1'-0" MINIMUM THICKNESS 1/2"

EROSION CONTROL BLANKET INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION OF PERIMETER OF EROSION CONTROL BLANKET.
   - TYPE OF BLANKET (STRAW, STRAW-COCONUT, COCONUT, OR EXCELSIOR).
   - AREA "A" IN SQUARE YARDS OF EACH TYPE OF BLANKET.
2. ALL EROSION CONTROL BLANKETS AND NETTING SHALL BE MADE OF 100% NATURAL AND BIODEGRADABLE MATERIAL; NO PLASTIC OR OTHER SYNTHETIC MATERIAL, EVEN IF PHOTO DEGRADABLE, SHALL BE ALLOWED.
3. IN AREAS WHERE EROSION CONTROL BLANKET IS SHOWN ON THE PLANS, THE PERMITTEE SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE PREPARATION, AND SEEDING BELOW THE BLANKET IN ACCORDANCE WITH THE REQUIREMENTS OF DETAIL 17. SEEDING AND MULCHING SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO BLANKET INSTALLATION AND THE BLANKET SHALL BE IN FULL CONTACT WITH SUBGRADE. NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.
4. PERIMETER ANCHOR TRENCH SHALL BE USED AT OUTSIDE PERIMETER OF ALL BLANKET AREAS.
5. JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF BLANKETS TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL BLANKETS EXCEPT STRAW, WHICH MAY USE AN OVERLAPPING JOINT.
6. INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF THE ROLL LENGTH FOR COCONUT AND EXCELSIOR BLANKETS.
7. THE OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF BLANKETS TOGETHER FOR BLANKETS ON SLOPES.
8. MATERIAL SPECIFICATIONS OF EROSION CONTROL BLANKET SHALL CONFORM TO TABLE 7.1.

EROSION CONTROL BLANKET INSTALLATION NOTES — CONTINUED

9. ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING EROSION CONTROL BLANKET SHALL BE RESEEDED AND MULCHED IN ACCORDANCE WITH DETAIL 17.
10. SEE DRAINAGE DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION MEASURES THAT MAY EXCEED THE DESIGN CONDITIONS ASSOCIATED WITH THE DETAILS ABOVE.

TABLE 7.1 — EROSION CONTROL BLANKET TYPE

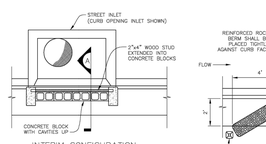
TYPE	COCONUT CONTENT	STRAW CONTENT	EXCELSIOR CONTENT	NETTING MIN.
STRAW*	–	100%	–	DOUBLE/NATURAL
STRAW–COCONUT	30% MIN.	70% MAX.	–	DOUBLE/NATURAL
COCONUT	100%	–	–	DOUBLE/NATURAL
EXCELSIOR	–	–	100%	DOUBLE/NATURAL

* FOR OUTSIDE OF STREAMS AND DRAINAGE CHANNELS

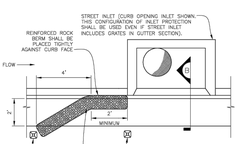
EROSION CONTROL BLANKET MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT EROSION CONTROL BLANKETS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS AS NECESSARY.
2. EROSION CONTROL BLANKET IS TO BE LEFT IN PLACE UNLESS REQUESTED TO BE REMOVED BY THE CITY.
3. ANY EROSION CONTROL BLANKET PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE RE–INSTALLED. ANY SUBGRADE AREAS BELOW THE BLANKET THAT HAVE ERODED TO CREATE A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEEDED AND MULCHED AND THE EROSION CONTROL BLANKET REINSTALLED.

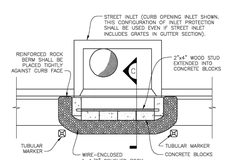
ECB EROSION CONTROL BLANKET 9



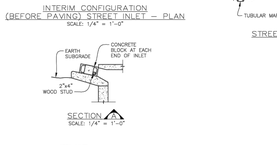
INTERIM CONFIGURATION (BEFORE PAVING) STREET INLET — PLAN
SCALE: 1/4" = 1'-0"

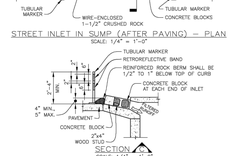


STREET INLET ON CONTINUOUS GRADE (AFTER PAVING) — PLAN
SCALE: 1/4" = 1'-0"



STREET INLET IN SUMP (AFTER PAVING) — PLAN
SCALE: 1/4" = 1'-0"





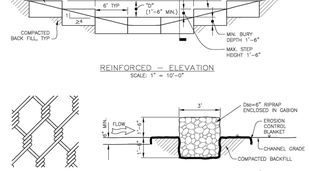
INLET PROTECTION INSTALLATION NOTES

1. INTERIM CONFIGURATION OF INLET PROTECTION IN STREETS SHALL BE INSTALLED WITHIN 48–HOURS OF POURING INLET. INLET PROTECTION (AFTER PAVEMENT) SHALL BE INSTALLED WITHIN 48 HOURS AFTER PAVING IS PLACED.
2. INLET PROTECTION AT AREA INLETS SHALL BE INSTALLED WITHIN 48–HOURS OF POURING INLET.
3. CRUSHED ROCK SHALL BE FRACTURED FACE (ALL SIDES) AND SHALL COMPLY WITH GRADATION SHOWN ON SHEET 1 (1–1/2" MINUS). RECYCLED CONCRETE MEETING THIS GRADATION MAY BE USED.
4. WIRE MESH SHALL BE FABRICATED OF 10 GAUGE WIRE TWISTED INTO A MESH WITH A MAXIMUM OPENING OF 1.0 INCH (COMMONLY TERMED "CHICKEN WIRE"). ROLL WIDTH SHALL BE 48–INCHES.
5. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6–INCH CENTERS ALONG ALL JOINTS AND AT 2–INCH CENTERS ON ENDS OF BERM.
6. REINFORCED ROCK BERM SHALL BE CONSTRUCTED IN ONE PIECE OR SHALL BE CONSTRUCTED USING JOINT DETAIL.
7. TUBULAR MARKERS SHALL MEET REQUIREMENTS OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS AMENDED.
8. THE TOP OF REINFORCED ROCK BERM SHALL BE 1/2"–1" BELOW TOP OF CURB.

INLET PROTECTION MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT INLET PROTECTION WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY. MORE FREQUENT INSPECTIONS AND REPAIRS SHALL BE REQUIRED DURING WINTER CONDITIONS DUE TO FREEZE/THAW PROBLEMS.
2. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF ROCK BERM IS WITHIN 2–1/2 INCHES OF THE CREST.
3. INLET PROTECTION IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED, UNLESS THE CITY APPROVES EARLIER REMOVAL OF INLET PROTECTION IN STREETS.
4. WHEN INLET PROTECTION AT AREA INLETS ARE REMOVED, THE DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

IP INLET PROTECTION 10



REINFORCED — ELEVATION
SCALE: 1" = 10'-0"



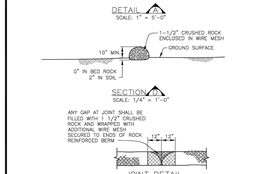
REINFORCED CHECK DAM INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATIONS OF CHECK DAMS.
   - CHECK DAM TYPE (CHECK DAM OR REINFORCED CHECK DAM).
   - LENGTH, "L", CREST LENGTH, "CL", AND DEPTH, "D".
2. CHECK DAMS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED AFTER CONSTRUCTION FENCE, BUT PRIOR TO ANY UPSTREAM LAND–DISTURBING ACTIVITIES.
3. REINFORCED CHECK DAMS, GABIONS SHALL HAVE GALVANIZED TWISTED WIRE MESTING WITH A MAXIMUM OPENING DIMENSION OF 4–1/2" AND A MINIMUM WIRE THICKNESS OF 0.10". WIRE "HOG RINGS" AT 4' SPACING OR OTHER APPROVED MEANS SHALL BE USED AT ALL GABION SEAMS AND TO SECURE THIS GABION TO THE ADJACENT GABION.
4. RIPRAP UTILIZED FOR CHECK DAMS SHALL HAVE A D_{50} MEDIAN STONE SIZE OF 6".
5. THE CHECK DAM SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'–6".
6. EROSION BLANKET SHALL BE PLACED IN THE REINFORCED CHECK DAM TRENCH EXTENDING A MINIMUM OF 1'–6" ON BOTH THE UPSTREAM AND DOWNSTREAM SIDES OF THE REINFORCED CHECK DAM.

REINFORCED CHECK DAM MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT CHECK DAMS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF CHECK DAM IS WITHIN $\frac{1}{2}$ OF THE HEIGHT OF THE CREST.
3. CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED BY THE CITY.
4. WHEN CHECK DAMS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACK FILL. ANY DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED AND COVERED WITH EROSION CONTROL BLANKET OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

RCD REINFORCED CHECK DAM 11



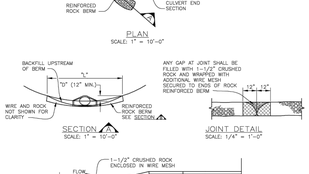
REINFORCED ROCK BERM INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATIONS OF REINFORCED ROCK BERMS.
   - LENGTH, "L", AND DEPTH, "D" DIMENSIONS.
2. REINFORCED ROCK BERM SECTION APPLIES TO CULVERT INLET FILTER AND INLET PROTECTION.
3. CRUSHED ROCK SHALL BE FRACTURED FACE (ALL SIDES) AND SHALL COMPLY WITH GRADATION SHOWN ON SHEET 1 (1–1/2" MINUS). RECYCLED CONCRETE MEETING THIS GRADATION MAY BE USED.
4. WIRE MESH SHALL BE FABRICATED OF 10 GAUGE WIRE TWISTED INTO A MESH WITH A MAXIMUM OPENING OF 1.0 INCH (COMMONLY TERMED "CHICKEN WIRE"). ROLL WIDTH SHALL BE 48–INCHES.
5. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6–INCH CENTERS ALONG ALL JOINTS AND AT 2–INCH CENTERS ON ENDS OF BERM.
6. FOR CONCENTRATED FLOW AREAS THE ENDS OF THE REINFORCED ROCK BERM SHALL BE 12" HIGHER THAN THE CENTER OF THE BERM.

REINFORCED ROCK BERM MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT REINFORCED ROCK BERM WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF REINFORCED ROCK BERM SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF THE BERM IS WITHIN 2–INCHES OF THE CREST.
3. REINFORCED ROCK BERMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED.
4. WHEN REINFORCED ROCK BERMS ARE REMOVED, ANY DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

RRB REINFORCED ROCK BERM 12



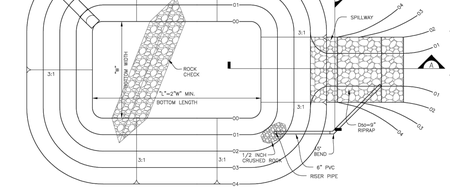
INSTALLATION NOTES

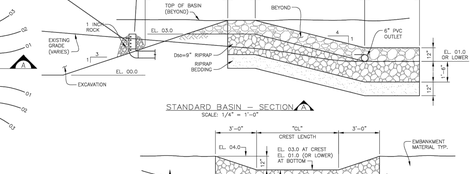
1. SEE PLAN VIEW FOR:
   - LOCATIONS OF CULVERT INLET FILTERS.
   - LENGTH, "L", AND DEPTH, "D".
2. CRUSHED ROCK SHALL BE FRACTURED FACE (ALL SIDES) AND SHALL COMPLY WITH GRADATION SHOWN ON SHEET 1 (1–1/2" MINUS). RECYCLED CONCRETE MEETING THIS GRADATION MAY BE USED.
3. WIRE MESH SHALL BE FABRICATED OF 10 GAUGE WIRE TWISTED INTO A MESH WITH A MAXIMUM OPENING OF 1.0 INCH (COMMONLY TERMED "CHICKEN WIRE").
4. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6–INCH CENTERS ALONG ALL JOINTS AND AT 2–INCH CENTERS ON ENDS OF BERM.
5. THE ENDS OF THE REINFORCED ROCK BERM SHALL BE 12" HIGHER THAN THE CENTER OF THE BERM.

MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT CULVERT INLET FILTER WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF CULVERT INLET FILTER SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF FILTER IS $\frac{1}{2}$ THE HEIGHT OF THE REINFORCED ROCK BERM.
3. RRB FOR CULVERT PROTECTION ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED BY THE CITY.
4. WHEN CULVERT INLET FILTERS ARE REMOVED, ANY DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

RRC RRB FOR CULVERT PROTECTION 13





SEDIMENT BASIN INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION OF SEDIMENT BASIN.
   - TYPE OF BASIN (STANDARD BASIN OR NON–STANDARD BASIN).
   - FOR STANDARD BASIN, CREST LENGTH, "CL", BOTTOM WIDTH, "W", AND HOLE DIAMETER, "HD".
   - FOR NON–STANDARD BASIN, BASIN VOLUME CONSTRUCTED (USED FOR DESIGN OF BASIN INCLUDING RISER HEIGHT, "H", NUMBER OF COLUMNS, "N", HOLE DIAMETER, "HD", AND PIPE DIAMETER "D").
2. FOR STANDARD BASIN, BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED.
3. SEDIMENT BASINS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED PRIOR TO ANY OTHER LAND–DISTURBING ACTIVITY.
4. EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3 INCHES AND SHALL HAVE A MINIMUM OF 15 PERCENT BY WEIGHT PASSING THE NO. 200 SIEVE.
5. EMBANKMENT MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY WITHIN 2 PERCENTAGE POINTS OF OPTIMUM DENSITY IN ACCORDANCE WITH ASTM D698.
6. PIPE SCH 40 OR GREATER SHALL BE USED.
7. THE DETAILS SHOWN ON THIS SHEET PERTAIN TO STANDARD SEDIMENT BASIN(S) IDENTIFIED ON THE GESC PLAN VIEW DRAWINGS USED FOR DRAINAGE AREAS LESS THAN 15 ACRES. SEE CONSTRUCTION DRAWINGS FOR EMBANKMENT, STORAGE VOLUME, SPILLWAY, OUTLET, AND OUTLET PROTECTION DETAILS FOR ANY SEDIMENT BASIN(S) THAT HAVE BEEN INDIVIDUALLY DESIGNED FOR DRAINAGE AREAS LARGER THAN 15 ACRES.

SEDIMENT BASIN MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT SEDIMENT BASIN WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY.
2. SEDIMENT ACCUMULATED IN SEDIMENT BASIN SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS WITHIN 2.0 FEET OF THE CREST OF THE SPILLWAY.
3. SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED BY THE CITY.
4. IF SEDIMENT BASINS ARE REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

SB SEDIMENT BASIN 14

Sheet Revisions		
6/30/05	ADOPTED FROM DOUGLAS COUNTY GESC PLANS	MLP
5/ /08	EDIT UPDATES A	GAW
11/ /08	ADD CURB SOCK DETAIL A (REF UDFCD, V3 FIGURE C5–23), MISC. NOTE EDITS	GAW

NOTE: SCALES SHOWN ARE FOR 24"x36" SHEETS; ADJUST ACCORDINGLY FOR 11"x17" SHEETS.

CITY OF LONE TREE
DEPARTMENT OF PUBLIC WORKS
Engineering Division

GESC GRADING, EROSION, AND SEDIMENT CONTROL

GESC PLAN STANDARD NOTES AND DETAILS

SHEET 2 OF 3

_____
CITY OF LONE TREE

_____
DATE

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR GRADING, EROSION AND SEDIMENT CONTROL IMPROVEMENTS ONLY.

ENGINEERING DIVISION ACCEPTANCE BLOCK.

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.875.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

illume
Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

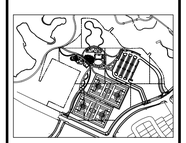
Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

RSM Design
Branding, Signage & Wayfinding
tel 949.492.9479

Peregrine Fire
Fire Protection Consultant & Wildfire Mitigation
tel 303.997.8875

Fountain Source
Water Feature Consultant
tel 303.997.8875

Roxbox
Container Architect
tel 303.997.8875

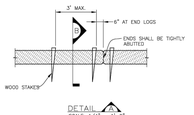


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD

Sheet description
EROSION CONTROL DETAILS

Sheet number
C2.51



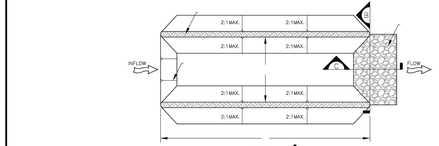
SEDIMENT CONTROL LOG INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION AND LENGTH OF SEDIMENT CONTROL LOG.
2. SEDIMENT CONTROL LOGS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
5. THE SEDIMENT CONTROL LOG SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 2".

SEDIMENT CONTROL LOG MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT SEDIMENT CONTROL LOGS DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF SEDIMENT CONTROL LOGS SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN ½ THE HEIGHT OF THE CREST OF LOG.
3. SEDIMENT CONTROL LOG SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

SCL SEDIMENT CONTROL LOG 15



SEDIMENT TRAP INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION, LENGTH AND WIDTH OF SEDIMENT TRAP.
2. SEDIMENT TRAPS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
3. SEDIMENT TRAP BERM SHALL BE CONSTRUCTED FROM MATERIAL FROM EXCAVATION OR FILL ON SITE AND SHALL BE COMPACTED TO 90% OF THE MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.
4. RIPRAP OUTLET SHALL BE CONSTRUCTED WITH D =12" RIPRAP WITH A MINIMUM OVERFLOW OF 6".
5. THE TOP OF THE EARTHEN BERM SHALL BE A MINIMUM OF 6" HIGHER THAN THE TOP OF THE RIPRAP OUTLET STRUCTURE.
6. THE ENDS OF THE RIPRAP OUTLET STRUCTURE SHALL BE MINIMUM OF 6" HIGHER THAN THE CENTER OF THE OUTLET STRUCTURE.

SEDIMENT TRAP MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT SEDIMENT TRAPS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF RIPRAP SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN ½ THE HEIGHT OF THE RIPRAP OUTLET STRUCTURE.
3. SEDIMENT TRAPS SHALL REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVERAGE IS APPROVED BY THE CITY.
4. WHEN SEDIMENT TRAPS ARE REMOVED THE DISTURBED AREA SHALL BE DRILLED SEEDED AND CRIMP MULCHED OR STABILIZED IN A MANNER APPROVED BY THE CITY.

ST SEDIMENT TRAP 16

SEEDING AND MULCHING INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - AREA OF SEEDING AND MULCHING.
   - TYPE OF SEED MIX (PERMANENT, TEMPORARY, OR LOW-GROWTH).
2. ALL BRANDS FURNISHED SHALL BE FREE FROM SUCH NOXIOUS SEEDS AS RUSSIAN OR CANADIAN THISTLE, COARSE FESCUE, EUROPEAN BINDWEED, JOHNSON GRASS, KNAP WEED AND LEAFY SPURGE.
3. THE SEEDER SHALL FURNISH TO THE CONTRACTOR A SIGNED STATEMENT CERTIFYING THAT THE SEED FURNISHED IS FROM A LOT THAT HAS BEEN TESTED BY A RECOGNIZED LABORATORY, SEED WHICH HAS BECOME WET, MOLDY, OR OTHERWISE DAMAGED IN TRANSIT OR STORAGE WILL NOT BE ACCEPTABLE. SEED TICKETS SHALL BE PROVIDED TO CITY OF LONE TREE UPON REQUEST.
4. DRILL SEEDING MIX SHALL CONFORM TO THE TABLE ON THE RIGHT:
5. IF THE SEED AVAILABLE ON THE MARKET DOES NOT MEET THE MINIMUM PURITY AND GERMINATION PERCENTAGES SPECIFIED, THE SUBCONTRACTOR MUST COMPENSATE FOR A LESSER PERCENTAGE OF PURITY OR GERMINATION BY FURNISHING SUFFICIENT ADDITIONAL SEED TO EQUAL THE SPECIFIED PRODUCT. THE TAGS FROM THE SEED MIXES MUST BE SUPPLIED TO CONTRACTOR AND FORWARDED TO THE CITY OF LONE TREE GESC INSPECTOR.
6. THE FORMULA USED FOR DETERMINING THE QUANTITY OF PURE LIVE SEED (PLS) SHALL BE (POUNDS OF SEED) X (PURITY) X (GERMINATION) = POUNDS OF PURE LIVE SEED (PLS).
7. PERMANENT SEED MIX SHALL BE USED UNLESS OTHERWISE APPROVED BY THE CITY.
8. ALL AREAS TO BE SEEDED AND MULCHED SHALL HAVE NATIVE TOPSOIL OR APPROVED SOIL AMENDMENTS SPREAD TO A DEPTH OF AT LEAST 6 INCHES (LOOSE DEPTH). HAUL ROADS AND OTHER COMPACTED AREAS SHALL BE LOOSENED TO A DEPTH OF 6 INCHES PRIOR TO SPREADING TOPSOIL.
9. SOIL IS TO BE THOROUGHLY LOOSENED (TILLED) TO A DEPTH OF AT LEAST 6 INCHES PRIOR TO SEEDING. THE TOP 6 INCHES OF THE SEED BED SHALL BE FREE OF ROCKS GREATER THAN 2 INCHES AND FREE OF DEBRIS OVER 2 INCHES IN DIAMETER. AREAS THAT HAVEN'T BEEN THOROUGHLY LOOSENED SHALL BE REJECTED.
10. SEED IS TO BE APPLIED USING A MECHANICAL DRILL TO A DEPTH OF 1/4 INCH, ROW SPACING SHALL BE NO MORE THAN 6 INCHES. MATERIAL USED FOR MULCH SHALL CONSIST OF LONG-STEMMED STRAW, AT LEAST 50 PERCENT OF THE MULCH, BY WEIGHT, SHALL BE 10 INCHES OR MORE IN LENGTH. MULCH SHALL BE APPLIED AND MECHANICALLY ANCHORED TO A DEPTH OF AT LEAST 2 INCHES. MULCH SHALL BE APPLIED AT A RATE OF 4000 LB. OF STRAW PER ACRE.
11. IF THE PERMITTEE DEMONSTRATES TO THE CITY THAT IT IS NOT POSSIBLE TO DRILL SEED, SEED IS TO BE BROADCAST EVENLY BROADCAST TWO TIMES THE DRILLED RATE, THEN LIGHTLY HARROWED TO PROVIDE A SEED DEPTH OF APPROXIMATELY 1/4 INCH, THEN ROLLED TO COMPACT. THEN MULCHED AS SPECIFIED ABOVE.
12. SEEDING AND MULCHING SHALL BE COMPLETED WITHIN 30 DAYS OF INITIAL EXPOSURE OR 7 DAYS AFTER GRADING IS SUBSTANTIALLY COMPLETED IN A GIVEN AREA (AS DEFINED BY THE CITY). THIS MAY REQUIRE MULTIPLE MOBILIZATIONS FOR SEEDING AND MULCHING.
13. MULCH SHALL BE APPLIED WITHIN 24-HOURS OF SEEDING.
14. TACKIFIER SHOULD BE UTILIZED TO HELP WITH STRAW DISSIPATION.

CITY OF LONE TREE PERMANENT DRILL SEEDING MIX

SPECIES	VARIETY	NOTES	% IN MIX	POUNDS OF PLS PER ACRE
BIG BLUESTEM	KAW	PNWS	10	1.1
YELLOW INDIANGRASS	CHEYENNE	PNWS	10	1
SWITCHGRASS	BLACKWELL	PNWS	10	0.4
SIDEOATS GRAMA	VAUGHN	PNWB	10	0.9
WESTERN WHEATGRASS	ARRIBA	PNCS	10	1.6
BLUE GRAMA	HACHITA	PNWB	10	0.3
THICKSPIKE WHEATGRASS	CRITANA	PNCS	10	1
PRAIRIE SANDREED	GOSHEN	PNWS	10	0.7
GREEN NEEDLEGRASS	LODORM	PNCB	10	1
SLENDER WHEATGRASS	PRYOR	PNCB	5	0.6
STREAMBANK WHEATGRASS	SODAR	PNCS	5	0.6
		TOTAL		9.2

CITY OF LONE TREE TEMPORARY DRILL SEEDING MIX

SPECIES	VARIETY	NOTES	% IN MIX	POUNDS OF PLS PER ACRE
SMOOTH BROMEGRASS	LINCOLN	PICS	30	3.9
INTERMEDIATE WHEATGRASS	OAHE	PICS	30	4.5
PUBESCENT WHEATGRASS	LUNA	PICS	30	4.2
ANNUAL RYEGRASS	N/A	AICB	10	0.8
		TOTAL		13.4

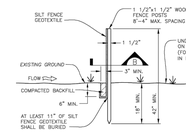
CITY OF LONE TREE LOW-GROWTH DRILL SEEDING MIX

SPECIES	VARIETY	NOTES	% IN MIX	POUNDS OF PLS PER ACRE
BUFFALOGRASS	TEXOKA	PNWS	20	3.2
BLUE GRAMA	HACHITA	PNWB	20	0.6
WESTERN WHEATGRASS	ARRIBA	PNCS	20	3.2
SIDEOATS GRAMA	VAUGHN	PNWB	20	1.8
THICKSPIKE WHEATGRASS	CRITANA	PNCS	10	1
STREAMBANK WHEATGRASS	SODAR	PNCS	10	1.2
		TOTAL		11.0

SEEDING AND MULCHING MAINTENANCE NOTES

1. SEEDED AND MULCHED AREAS SHALL BE INSPECTED FOR REQUIRED COVERAGE MONTHLY DURING THE GROWING SEASON. AREAS FAILING TO MEET THE REQUIRED COVERAGE SHALL BE RESEEDED AND MULCHING SHALL BE UNDERTAKEN AFTER THE FIRST GROWING SEASON FOR ANY AREAS FAILING TO MEET THE REQUIRED COVERAGE.
2. REQUIRED COVERAGE FOR STANDARD, OPEN SPACE AND LOW GROWTH SEED MIXES SHALL BE DEFINED AS FOLLOWS:
   1. THREE (3) PLANTS PER SQUARE FOOT WITH A MINIMUM HEIGHT OF 3 INCHES. FOR LOW GROWTH SEED MIXES, COVERAGE FOOT SHALL BE OF THE VARIETY AND SPECIES FOUND IN THE CITY OF LONE TREE-APPROVED MIX.
   2. NO BARE AREAS LARGER THAN 4 SQUARE FEET (TWO-FEET BY TWO-FEET OR EQUIVALENT).
   3. FREE OF ERODED AREAS.
   4. FREE FROM INFESTATION OF NOXIOUS WEEDS IN ACCORDANCE WITH SECTION 6.4 OF THE GESC CRITERIA MANUAL.
3. REQUIRED COVERAGE FOR TURF GRASS AREAS SHALL BE DEFINED AS FOLLOWS:
   1. AT LEAST 80% VEGETATIVE COVER OF GRASS SPECIES PLANTED.
   2. NO BARE AREAS LARGER THAN 4 SQUARE FEET (TWO-FEET BY TWO-FEET OR EQUIVALENT).
   3. FREE OF ERODED AREAS.
   4. FREE FROM INFESTATION OF NOXIOUS WEEDS IN ACCORDANCE WITH SECTION 6.4 OF THE GESC CRITERIA MANUAL.
4. RILL AND GULLY EROSION SHALL BE FILLED WITH TOPSOIL PRIOR TO RESEEDING. THE RESEEDING METHOD SHALL BE APPROVED BY THE CITY.

SM SEEDING AND MULCHING 17



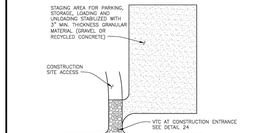
SILT FENCE INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION AND LENGTH OF FENCE.
2. ANCHOR TRENCH SHALL BE EXCAVATED WITH TRENCHER, OR WITH SILT FENCE INSTALLATION MACHINE; NO ROAD GRADERS, BACKHOES, ETC. SHALL BE USED. TRENCH SHALL BE COMPACTED BY HAND, WITH "JUMPING JACK", OR BY WHEEL ROLLING. COMPACTION SHALL BE SUCH THAT SILT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.
3. SILT FENCE GEOTEXTILE SHALL MEET THE FOLLOWING REQUIREMENTS:
   - 6–70 12–GALLONS PER MINUTE PER SQUARE FOOT FLOW CAPACITY.
   - 90 LB. TENSILE STRENGTH PER ASTM D4632.
   - UV DESIGN AT 500 HRS MIN. 70% STRENGTH RETAINED PER ASTM D 4355.
4. SILT FENCE INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.

SILT FENCE MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT SILT FENCE DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF SILT FENCE SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT REACHES A DEPTH OF 6–INCHES.
3. SILT FENCE SHALL BE REMOVED WHEN THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED BY THE CITY. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

SF SILT FENCE 18



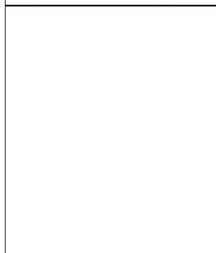
STABILIZED STAGING AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR GENERAL LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH CITY APPROVAL.
2. STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
3. IF REQUIRED BY THE CITY, SITE ACCESS ROADS SHALL BE STABILIZED IN THE SAME MANNER AS THE STAGING AREA.
4. STAGING AREA SHALL BE STABILIZED PRIOR TO ANY OTHER OPERATIONS ON THE SITE.
5. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM OF 3" OF GRANULAR MATERIAL (GRAVEL OR RECYCLED CONCRETE).

STABILIZED STAGING AREA MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT THE STABILIZED STAGING AREA DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. GESC MANAGER SHALL PROVIDE ADDITIONAL THICKNESS OF GRANULAR MATERIAL IF ANY RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.
3. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
4. ANY ACCUMULATED DIRT OR MUD SHALL BE REMOVED FROM THE SURFACE OF THE STABILIZED STAGING AREA.
5. THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE CITY, USED ON SITE, AND THE AREA TOPSOILED, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED.

SSA STABILIZED STAGING AREA 19



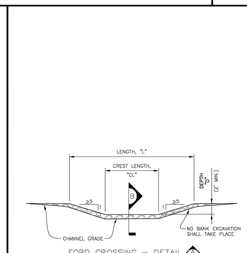
SLOPE DRAIN INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION AND LENGTH OF SLOPE DRAIN.
   - PIPE DIAMETER, "D", AND RIPRAP SIZE, "Dso".
2. SLOPE DRAIN DIMENSIONS SHALL BE CONSIDERED MINIMUM DIMENSIONS; ENGINEER MAY ELECT TO INSTALL LARGER FACILITIES. ANY DAMAGE TO SLOPE OR SLOPE DRAIN DURING RUNOFF EVENTS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
3. SLOPE DRAINS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED PRIOR TO ANY UPSTREAM LAND-DISTURBING ACTIVITIES.
4. FOR TEMPORARY SLOPE DRAINS, PIPE MAY BE INSTALLED ON TOP OF SLOPE; HOWEVER, 12" MIN. COVER AT TOP OF SLOPE SHALL BE PROVIDED.
5. A RIPRAP PAD SHALL BE PLACED AT THE OUTFALL OF THE SLOPE DRAIN.

SLOPE DRAIN MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT SLOPE DRAINS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS AS NECESSARY.
2. TEMPORARY SLOPE DRAINS ARE TO REMAIN IN PLACE UNTIL NO LONGER NEEDED, BUT SHALL BE REMOVED PRIOR TO THE END OF CONSTRUCTION. WHEN SLOPE DRAINS ARE REMOVED, THE DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

TSD TEMPORARY SLOPE DRAIN 21



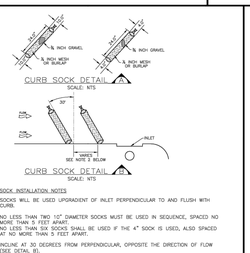
TEMPORARY STREAM CROSSING INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATIONS OF TEMPORARY STREAM CROSSING.
   - STREAM CROSSING TYPE (FORD OR CULVERT).
   - FOR FORD CROSSING: LENGTH, "L", CREST LENGTH, "CL", AND DEPTH, "D".
   - FOR CULVERT CROSSING: LENGTH, "L", CREST LENGTH, "CL", CROSSING HEIGHT, "H", DEPTH, "D", CULVERT DIAMETER, "DO", AND NUMBER, TYPE AND CLASS OR GAUGE OF CULVERTS.
2. TEMPORARY STREAM CROSSING DIMENSIONS, DSO, AND NUMBER OF CULVERTS INDICATED (FOR CULVERT CROSSING) SHALL BE CONSIDERED MINIMUM DIMENSIONS; ENGINEER MAY ELECT TO INSTALL LARGER FACILITIES. ANY DAMAGE TO STREAM CROSSING OR EXISTING STREAM CHANNEL DURING BASEFLOW OR FLOOD EVENTS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
3. SEE SHEET 1 FOR RIPRAP AND 1-1/2" CRUSHED ROCK GRADATIONS.
4. FOR A TEMPORARY STREAM CROSSING THAT WILL CARRY LOADS, THE TEMPORARY STREAM CROSSING MUST BE DESIGNED BY THE DESIGN ENGINEER.

TEMPORARY STREAM CROSSING MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT STREAM CROSSINGS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF STREAM CROSSINGS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF CROSSING IS WITHIN 6–INCHES OF THE CREST (FORD CROSSING) OR GREATER THAN AN AVERAGE DEPTH OF 12–INCHES (CULVERT CROSSING).
3. STREAM CROSSINGS ARE TO REMAIN IN PLACE UNTIL NO LONGER NEEDED, BUT SHALL BE REMOVED PRIOR TO THE END OF CONSTRUCTION.
4. WHEN STREAM CROSSINGS ARE REMOVED, THE DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED AND COVERED WITH EROSION CONTROL BLANKET OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

TSC TEMPORARY STREAM CROSSING 22



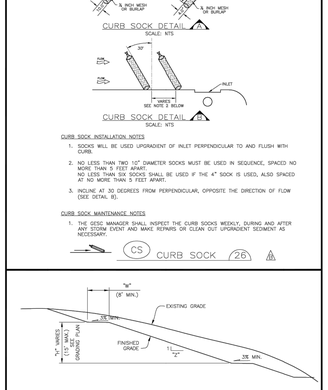
CURB SOCK INSTALLATION NOTES

1. SOCKS WILL BE USED UPGRADIENT OF INLET PERPENDICULAR TO AND FLUSH WITH CURB.
2. NO LESS THAN TWO 10" DIAMETER SOCKS MUST BE USED IN SEQUENCE, SPACED NO MORE THAN 5 FEET APART. NO LESS THAN SIX SOCKS SHALL BE USED IF THE 4" SOCK IS USED, ALSO SPACED AT NO MORE THAN 5 FEET APART.
3. INCLINE AT 30 DEGREES FROM PERPENDICULAR, OPPOSITE THE DIRECTION OF FLOW (SEE DETAIL B).

CURB SOCK MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT THE CURB SOCKS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPGRADIENT SEDIMENT AS NECESSARY.

CS CURB SOCK 26



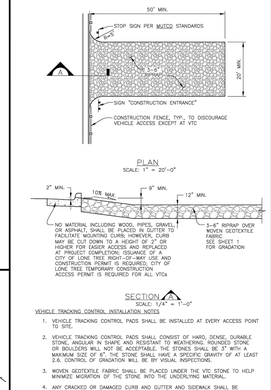
TERRACING INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - WIDTH, "W", AND SLOPE, "Z".
2. TERRACING IS NOT REQUIRED FOR SLOPES OF 4 TO 1 OR FLATTER.
3. EARTH (VEGETATED) SLOPES STEEPER THAN 3 TO 1 ARE NOT ALLOWED ON THE SITE.

TERRACING MAINTENANCE NOTES

1. THE GESC MANAGER SHALL INSPECT THE SURFACE ROUGHENING WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. ANY RILL EROSION OCCURRING ON SLOPES SHALL BE REPAIRED AND RESEEDED AND MULCHED IN ACCORDANCE WITH DETAIL 17.

TER TERRACING 23



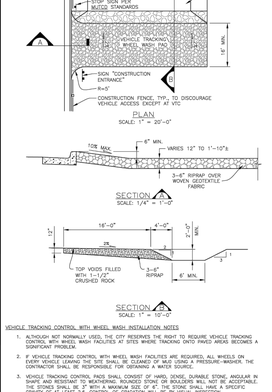
VEHICLE TRACKING CONTROL INSTALLATION NOTES

1. VEHICLE TRACKING CONTROL PADS SHALL BE INSTALLED AT EVERY ACCESS POINT TO SITE.
2. VEHICLE TRACKING CONTROL PADS SHALL CONSIST OF HARD, DENSE, DURABLE STONE, ANGULAR IN SHAPE AND RESISTANT TO WEATHERING. ROUNDED STONE OR BOULDERS WILL NOT BE ACCEPTABLE. THE STONES SHALL BE 3" WITH A MAXIMUM SIZE OF 4". THE STONE SHALL HAVE A SPECIFIC GRAVITY OF AT LEAST 2.6. CONTROL OF GRADATION WILL BE BY VISUAL INSPECTION.
3. WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE VTC STONE TO HELP MINIMIZE MIGRATION OF THE STONE INTO THE UNDERLYING MATERIAL.
4. ANY CRACKED OR DAMAGED CURB AND GUTTER AND SIDEWALK SHALL BE REPLACED BY PERMITTEE.
5. A CITY OF LONE TREE TEMPORARY CONSTRUCTION ACCESS PERMIT IS REQUIRED FOR EACH ACCESS/EXIT POINT FROM THE SITE.
6. A STOP SIGN INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS AMENDED, SHALL BE INSTALLED FOR EXITING TRAFFIC AT THE VTC.

VEHICLE TRACKING CONTROL MAINTENANCE NOTES

1. GESC MANAGER SHALL INSPECT VEHICLE TRACKING CONTROL PADS DAILY. ACCUMULATED SEDIMENTS SHALL BE REMOVED FROM PAD SURFACE. STONE SHALL BE REPLACED OR ADDED IF PAD IS OBSERVED TO BE INEFFECTIVE UNDER WHEEL LOADS SUFFICIENTLY TO CAUSE LOOSE GRAVEL TO DISLODGE MUD/SEDIMENT FROM VEHICLE TIRES. WHEN STONE BECOMES COMPACTED AND/OR FILLED WITH SEDIMENT SO THAT THE EFFECTIVENESS OF THE PAD IS DIMINISHED, CONTRACTOR SHALL RIP, TURN OVER, OR OTHERWISE LOOSEN THE STONE, PLACE ADDITIONAL NEW STONE, OR REPLACE STONE AS NECESSARY TO RESTORE EFFECTIVENESS.
2. VEHICLE TRACKING CONTROL SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE STONE MATERIAL AND GEOTEXTILE REMOVED OR, IF APPROVED BY THE CITY, USED ON SITE, AND THE AREA TOPSOILED, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN CONFORMANCE WITH CITY APPROVED PLANS FOR SITE AND THE APPLICABLE GESC PERMIT.

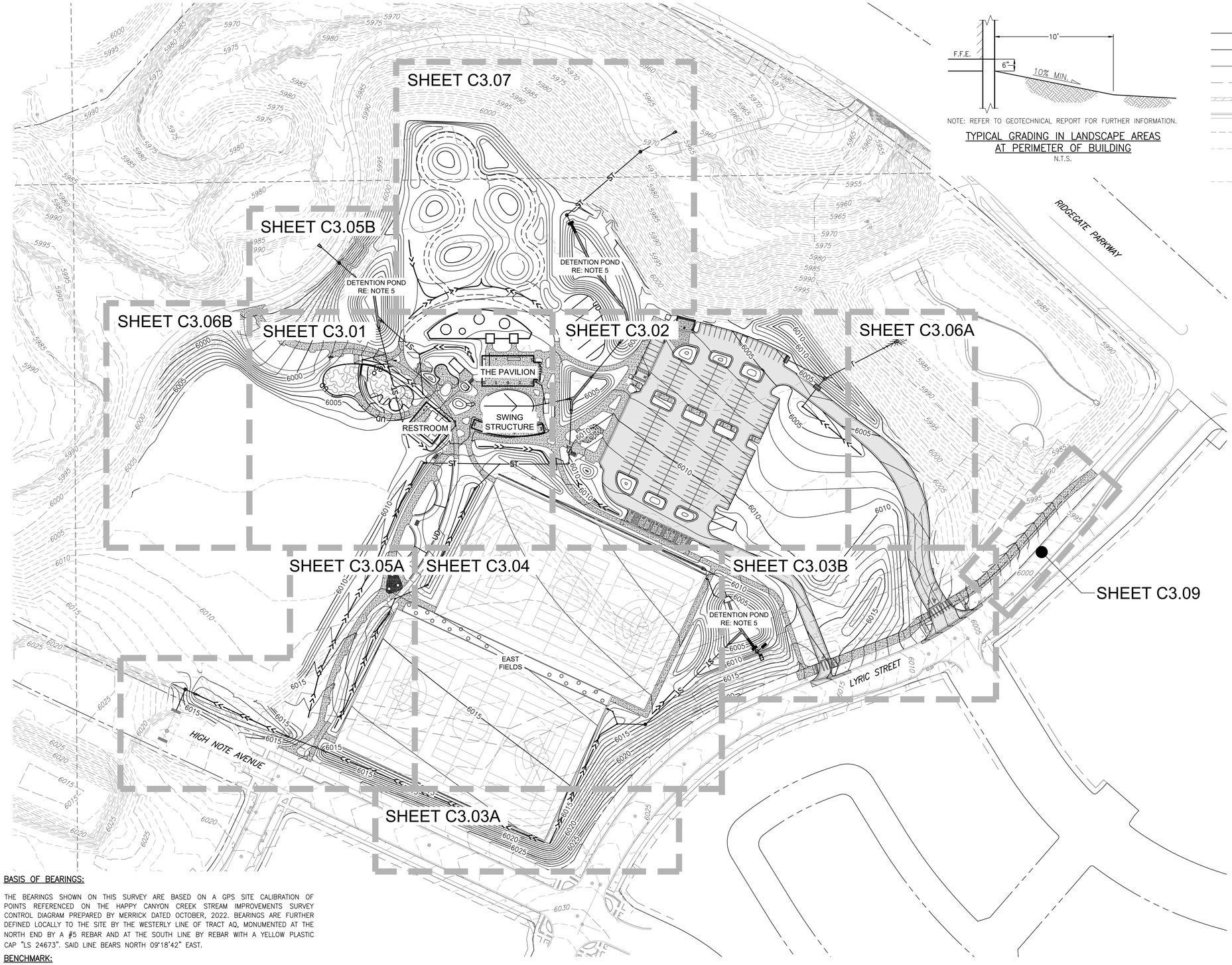
VTC VEHICLE TRACKING CONTROL 24



VEHICLE TRACKING CONTROL WITH WHEEL WASH INSTALLATION NOTES

1. ALTHOUGH NOT NORMALLY USED, THE CITY RESERVES THE RIGHT TO REQUIRE VEHICLE TRACKING CONTROL WITH WHEEL WASH FACILITIES AT SITES WHERE TRACKING ONTO PAVED AREAS BECOMES A SIGNIFICANT PROBLEM.
2. IF VEHICLE TRACKING CONTROL WITH WHEEL WASH FACILITIES ARE REQUIRED, ALL WHEELS ON EVERY VEHICLE LEAVING THE SITE SHALL BE CLEANED OF MUD USING A PRESSURE–WASHER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A WATER SOURCE.
3. VEHICLE TRACKING CONTROL PADS SHALL CONSIST OF HARD, DENSE, DURABLE STONE, ANGULAR IN SHAPE AND RESISTANT TO WEATHERING. ROUNDED STONE OR BOULDERS WILL NOT BE ACCEPTABLE. THE STONES SHALL BE 3" WITH A MAXIMUM SIZE OF 4". THE STONE SHALL HAVE A SPECIFIC GRAVITY OF AT LEAST 2.6. CONTROL OF GRADATION WILL BE BY VISUAL INSPECTION.
4. WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE VTC STONE TO HELP MINIMIZE MIGRATION OF THE STONE INTO THE UNDERLYING BASE MATERIAL.
5. ANY CRACKED OR DAMAGED CURB AND GUTTER AND SIDEWALK SHALL BE REPLACED BY PERMITTEE.
6. A CITY OF LONE TREE TEMPORARY CONSTRUCTION ACCESS PERMIT IS REQUIRED FOR EACH ACCESS/EXIT POINT FROM THE SITE.
7. A STOP SIGN INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS AMENDED, SHALL BE INSTALLED FOR EXITING TRAFFIC AT THE VTC.

VEH



F.F.E.

10'

6"

10% MIN.

NOTE: REFER TO GEOTECHNICAL REPORT FOR FURTHER INFORMATION.

TYPICAL GRADING IN LANDSCAPE AREAS AT PERIMETER OF BUILDING

N.T.S.

LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
	RIGHT-OF-WAY LINE	
	SECTION LINE	
	EASEMENT	
	RETAINING WALL	
	CURB & GUTTER	
5750	CONTOURS	5750
ST	STORM SEWER	ST
ST	STORM MANHOLE	
RD	ROOF DRAIN	RD
	INLET	
	FLARED END SECTION	
	SIGN	
	GRADING ARROW	
	DECIDUOUS TREE	
	EVERGREEN TREE	
	BUSH/SHRUB	
DRIVE	DESCRIPTIONS	DRIVE
ELEV.	SPOT ELEVATIONS	ELEV.

NOTES:

1. SEE SHEETS C0.00-C0.01 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
2. REFER TO LANDSCAPE PLANS FOR DETAILED INFORMATION ON SITE AMENITIES AND APPURTENANCES.
3. ALL DOORS TO HAVE MINIMUM 1.5% MAXIMUM 1.8% SLOPE AWAY FROM BUILDING FOR 5 FEET.
4. CONTRACTOR TO VERIFY ALL HARDSCAPE MATCH EXISTING ELEVATIONS A MINIMUM OF 3 WEEKS PRIOR TO ANY CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES GREATER THAN 0.05 FEET.
5. CONTRACTOR TO PROVIDE AS-BUILT SURVEY OF WATER QUALITY FACILITY SUBGRADE PRIOR TO INSTALLING LANDSCAPE TO VERIFY VOLUME REQUIREMENTS ARE MET.

BASIS OF BEARINGS:

THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON A GPS SITE CALIBRATION OF POINTS REFERENCED ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022. BEARINGS ARE FURTHER DEFINED LOCALLY TO THE SITE BY THE WESTERLY LINE OF TRACT AQ, MONUMENTED AT THE NORTH END BY A #5 REBAR AND AT THE SOUTH LINE BY REBAR WITH A YELLOW PLASTIC CAP "LS 24673". SAID LINE BEARS NORTH 09°18'42" EAST.

BENCHMARK:

VERTICAL DATA SHOWN ON THIS SURVEY IS BASED ON POINT #558 SHOWN ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022, BEING A 3-1/2" RTD BRASS CAP "PLS 24942". ELEV=6074.44 NAVD 88.

N

80 40 0 80 160

SCALE: 1"=80'

ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

COLORADO 811 KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

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HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB
OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.876.5700

Azure Engineering LLC
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illume
Architectural Lighting
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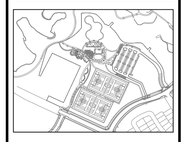
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tel 720.482.0770

RSM Design
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Fountain Source
Water Feature Consultant
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Roxbox
Container Architect
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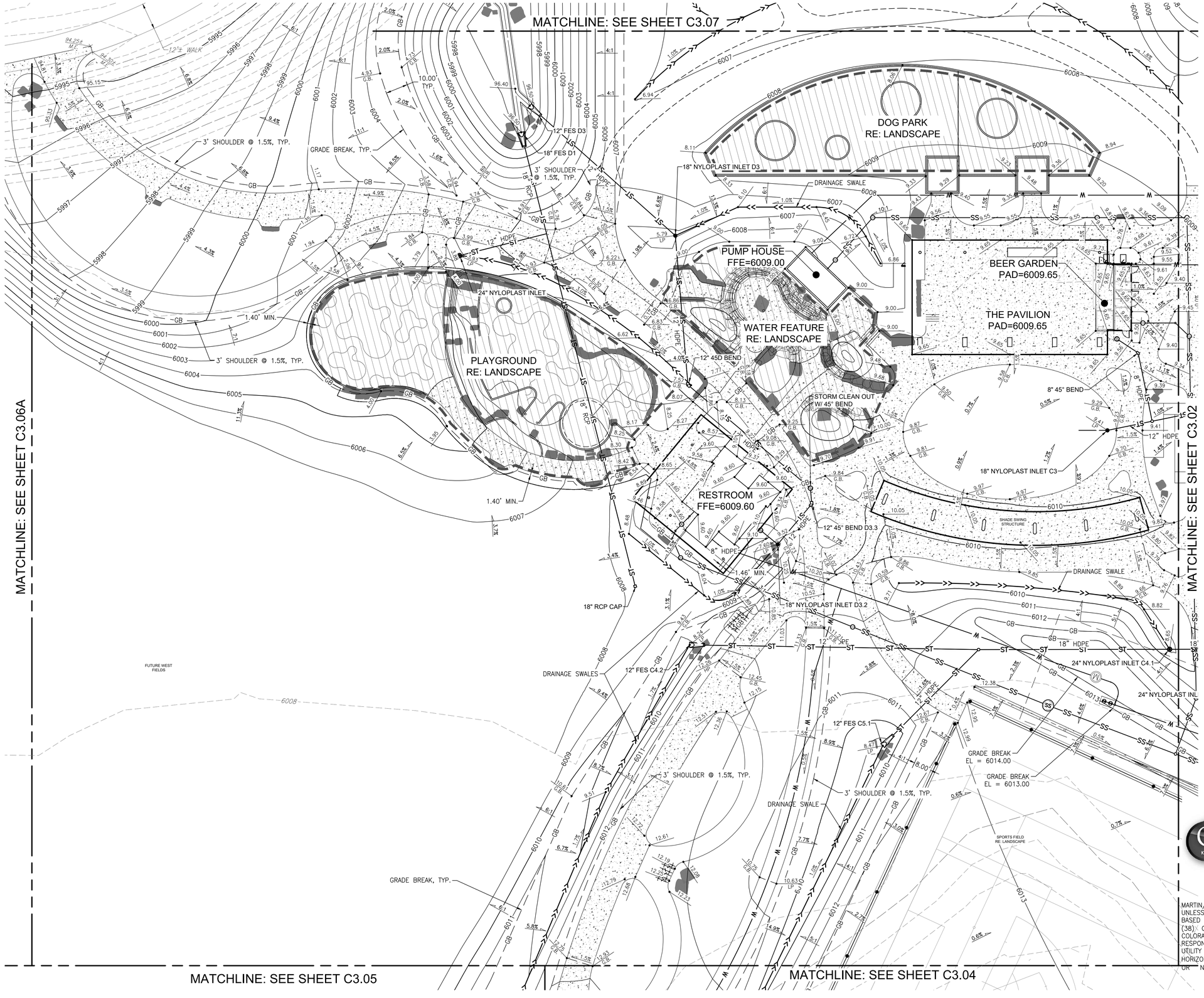
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

OVERALL GRADING PLAN

Sheet number

C3.00



NOTES:

1. SEE SHEETS C0.00–C0.01 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
2. REFER TO LANDSCAPE PLANS FOR DETAILED INFORMATION ON SITE AMENITIES AND APPURTENANCES.
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N

20 10 0 20 40
SCALE: 1"=20'
ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

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Sheet description

DETAILED GRADING PLAN

Sheet number

C3.01



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SCALE: 1"=20'

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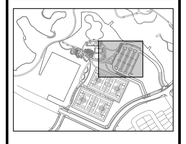
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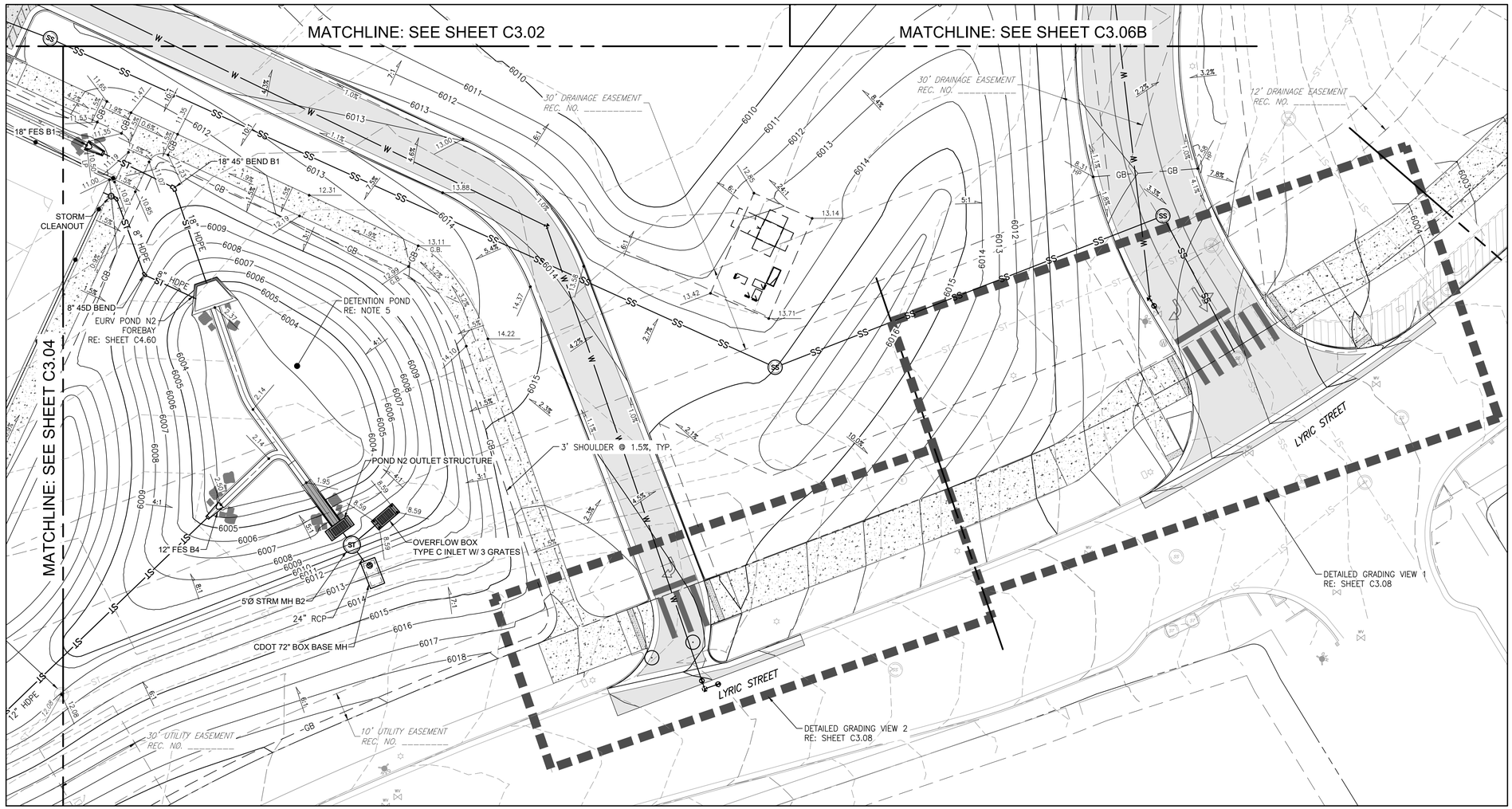
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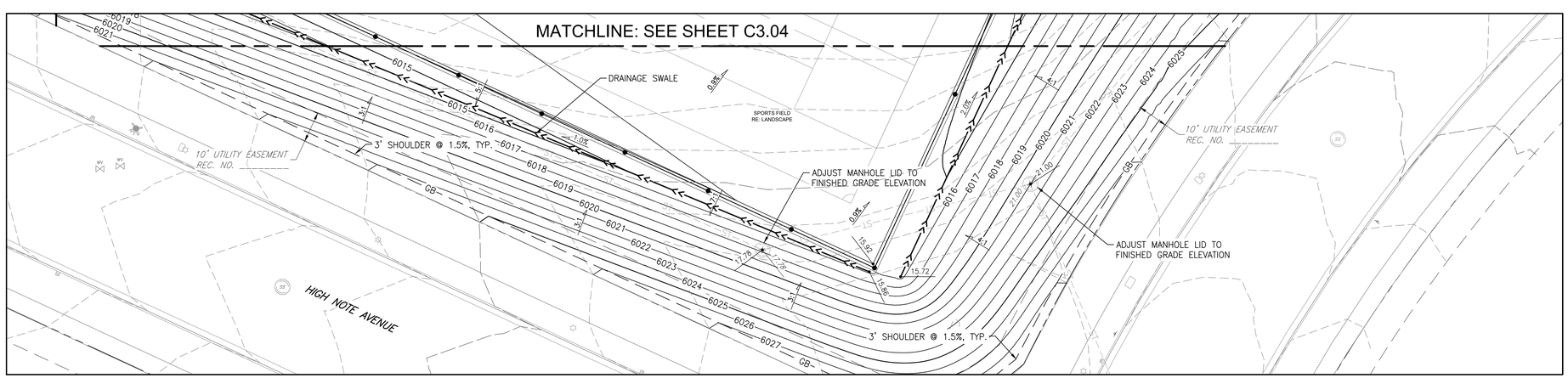
DETAILED GRADING PLAN

Sheet number

C3.02



VIEW B
SCALE: 1"=20'



VIEW A
SCALE: 1"=20'

NOTES:

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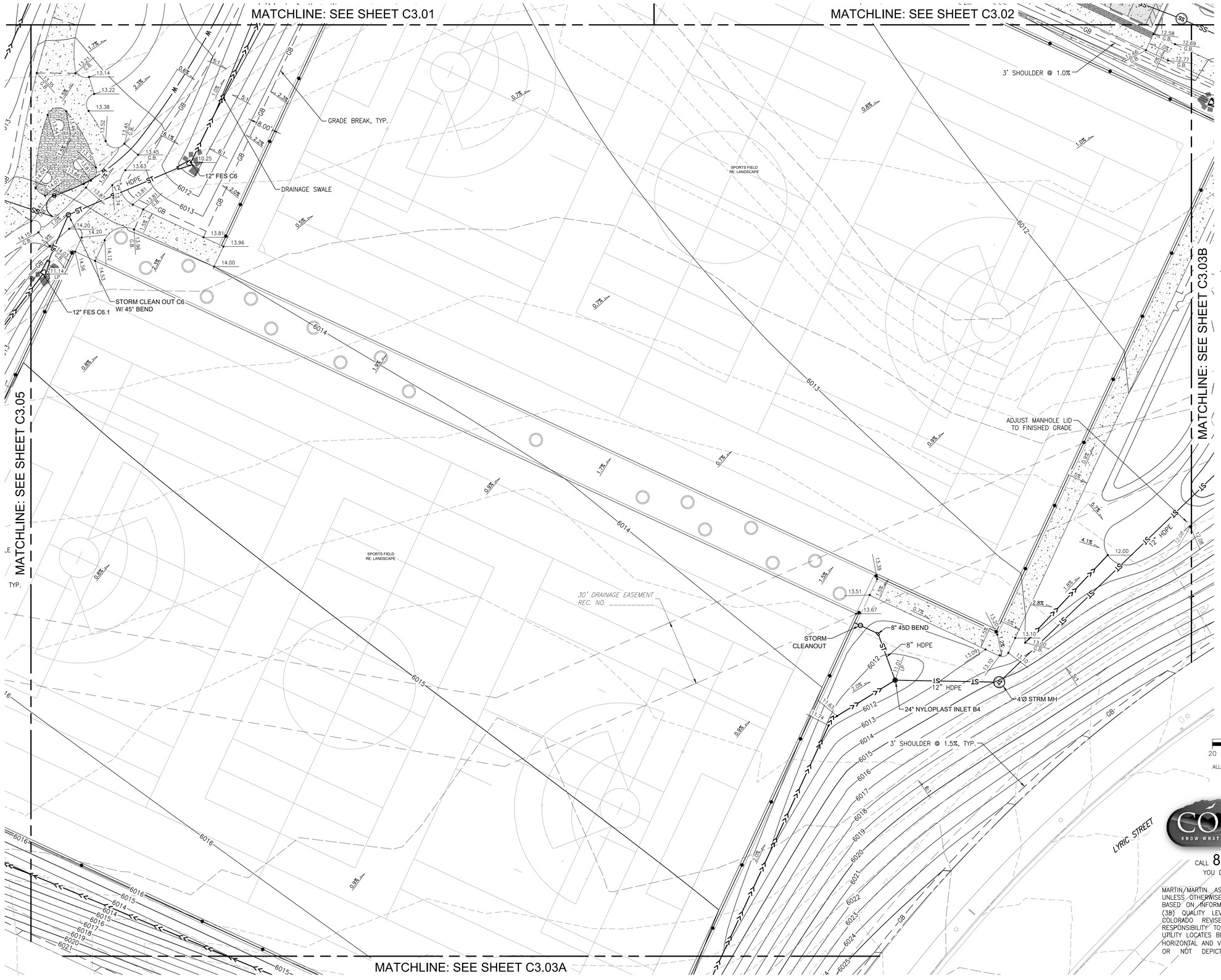


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DETAILED GRADING PLAN

Sheet number
C3.03



NOTES:

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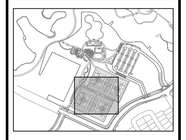
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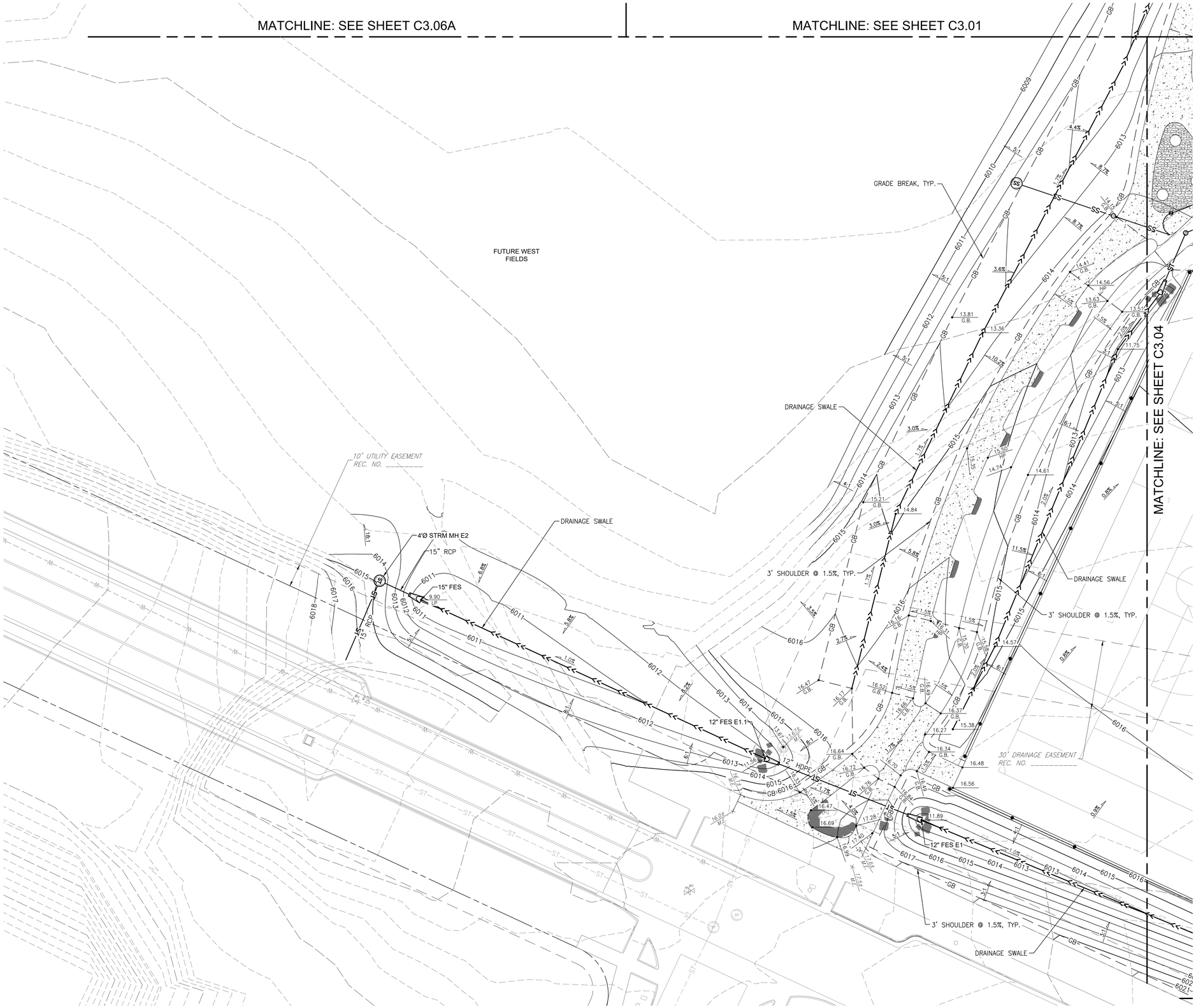
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DETAILED GRADING PLAN

Sheet number

C3.04



NOTES:

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N

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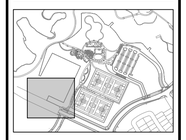
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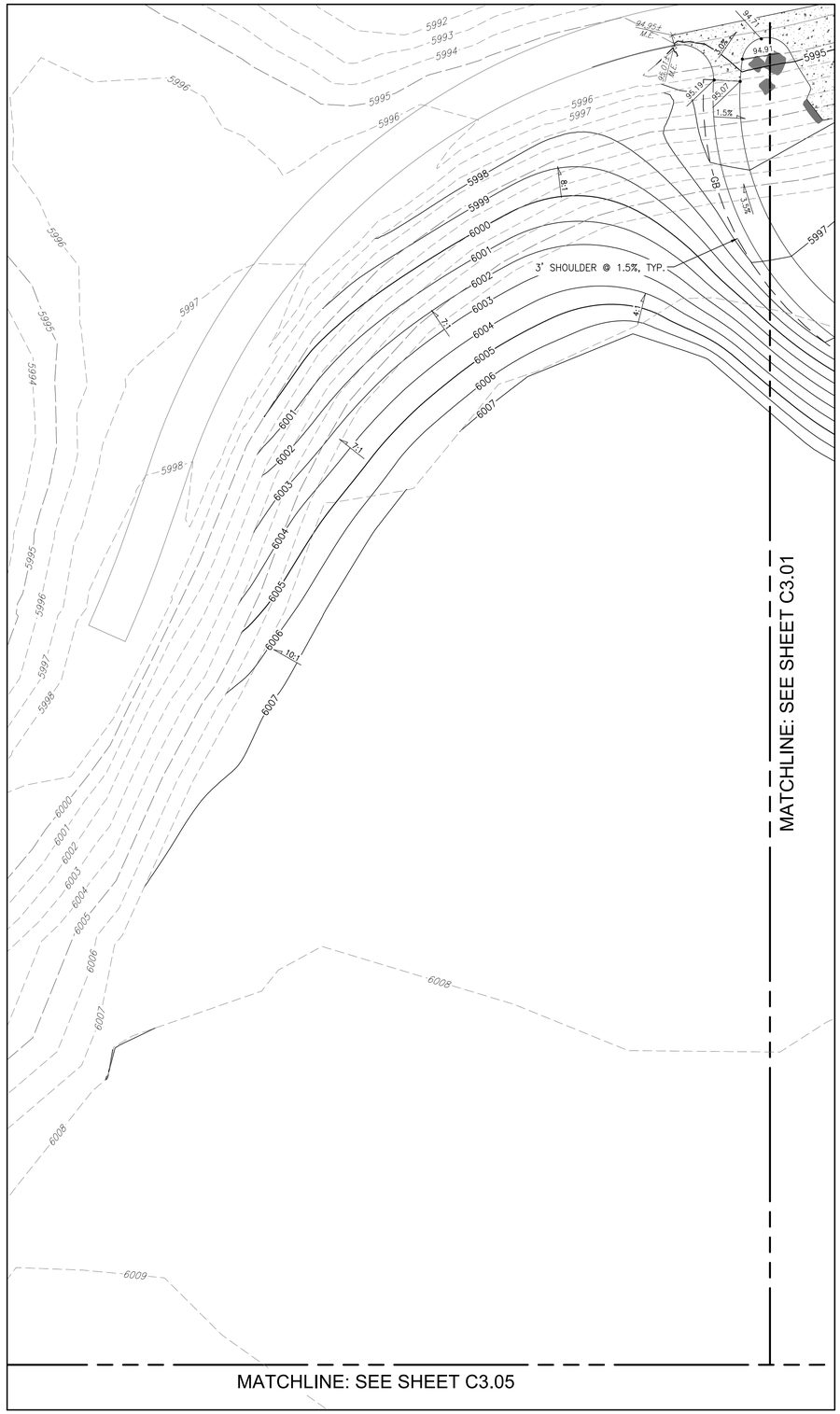
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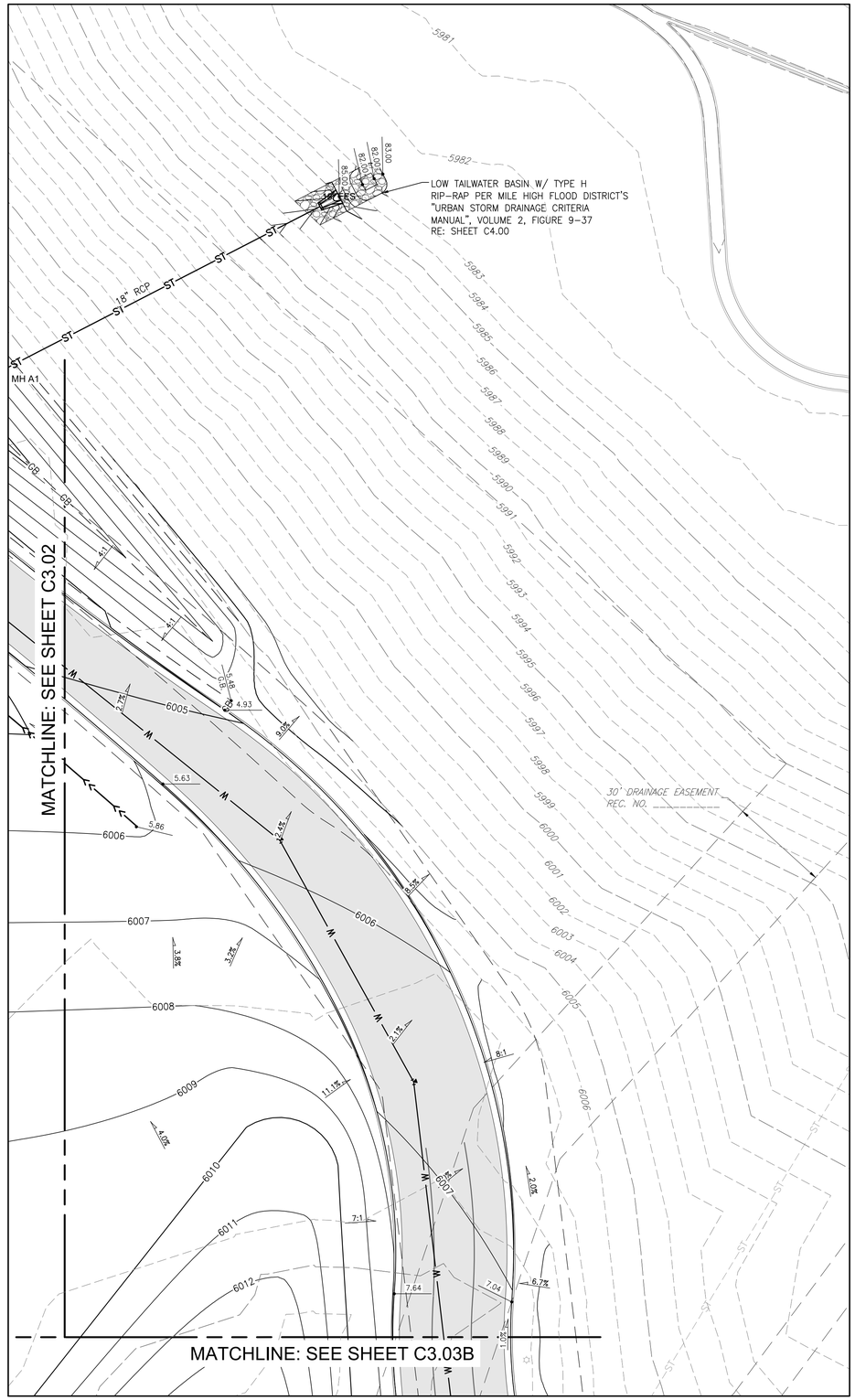
DETAILED GRADING PLAN

Sheet number

C3.05



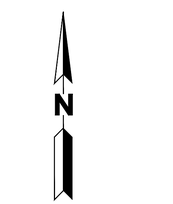
VIEW A
SCALE: 1"=20'



VIEW B
SCALE: 1"=20'

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illume
Architectural Lighting
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ME Engineers
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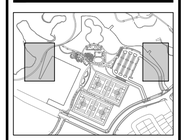
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	04/06/2026	CITY SUBMITTAL

Sheet description

DETAILED GRADING PLAN

Sheet number

C3.06



NOTES:

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2. REFER TO LANDSCAPE PLANS FOR DETAILED INFORMATION ON SITE AMENITIES AND APPURTENANCES.
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N

20 10 0 20 40
SCALE: 1"=20'
ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

COLORADO 811
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HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
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tel 303.708.1818

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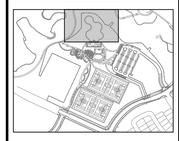
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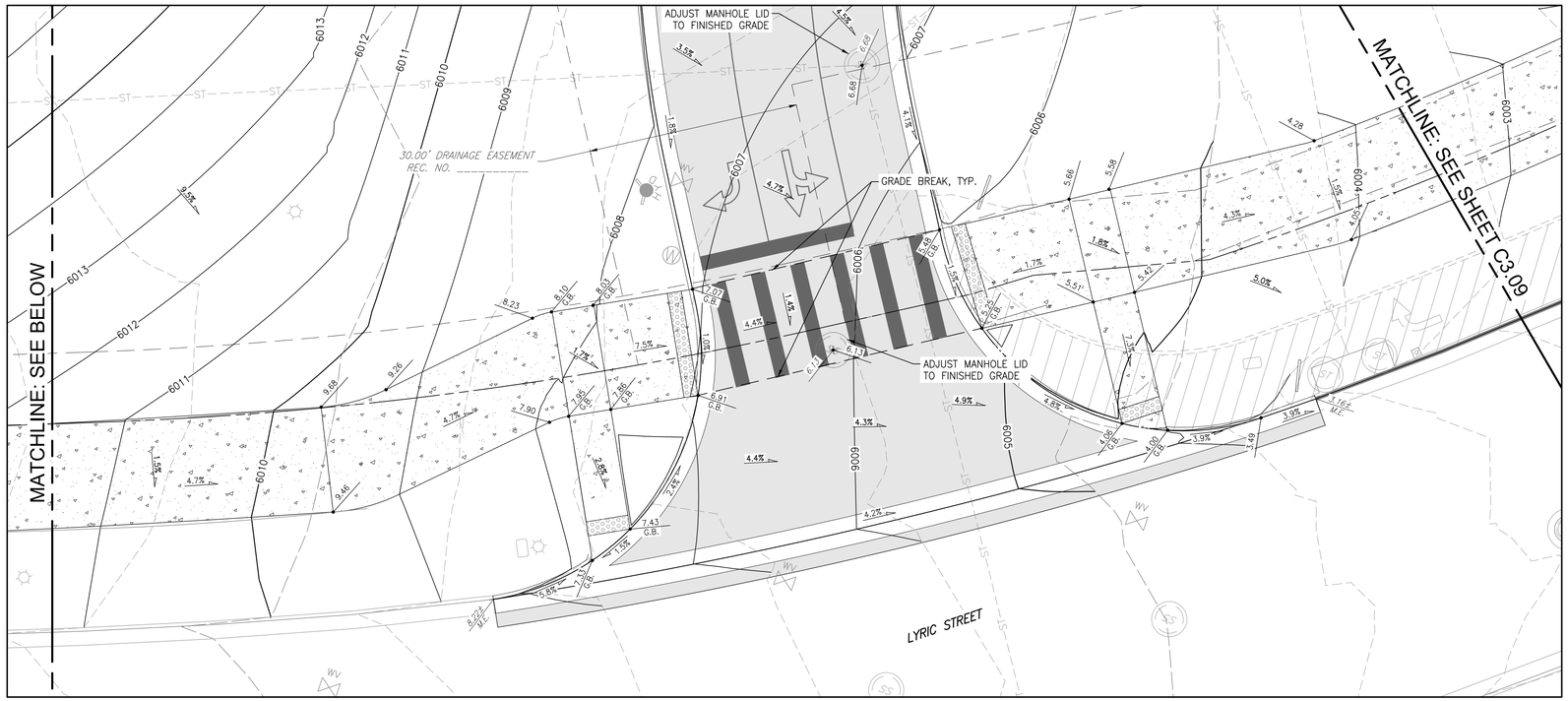
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

DETAILED GRADING PLAN

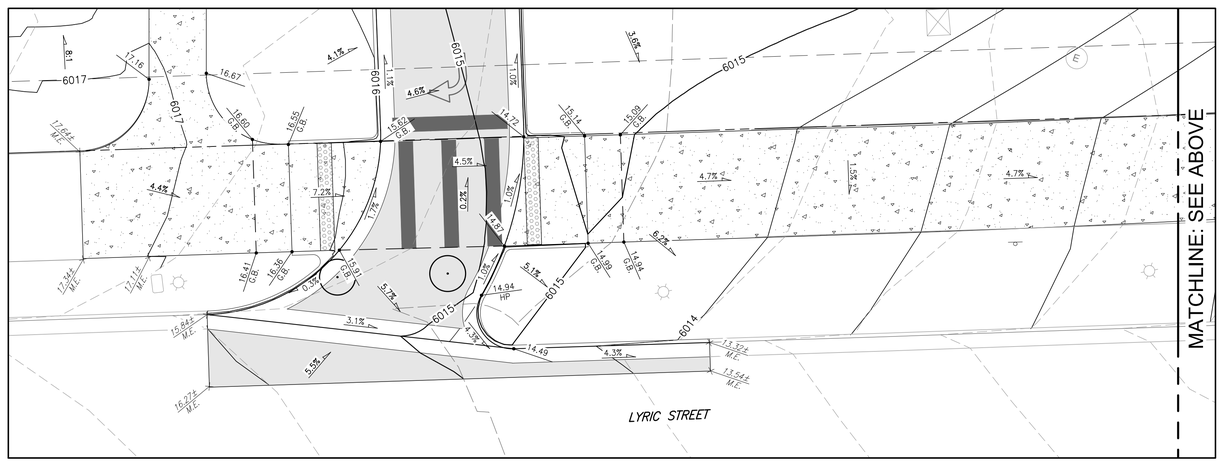
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C3.07



DETAILED GRADING VIEW 1

SCALE: 1"=10'

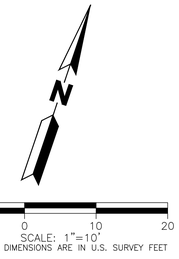


DETAILED GRADING VIEW 2

SCALE: 1"=10'

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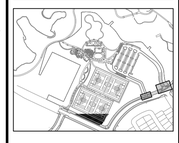
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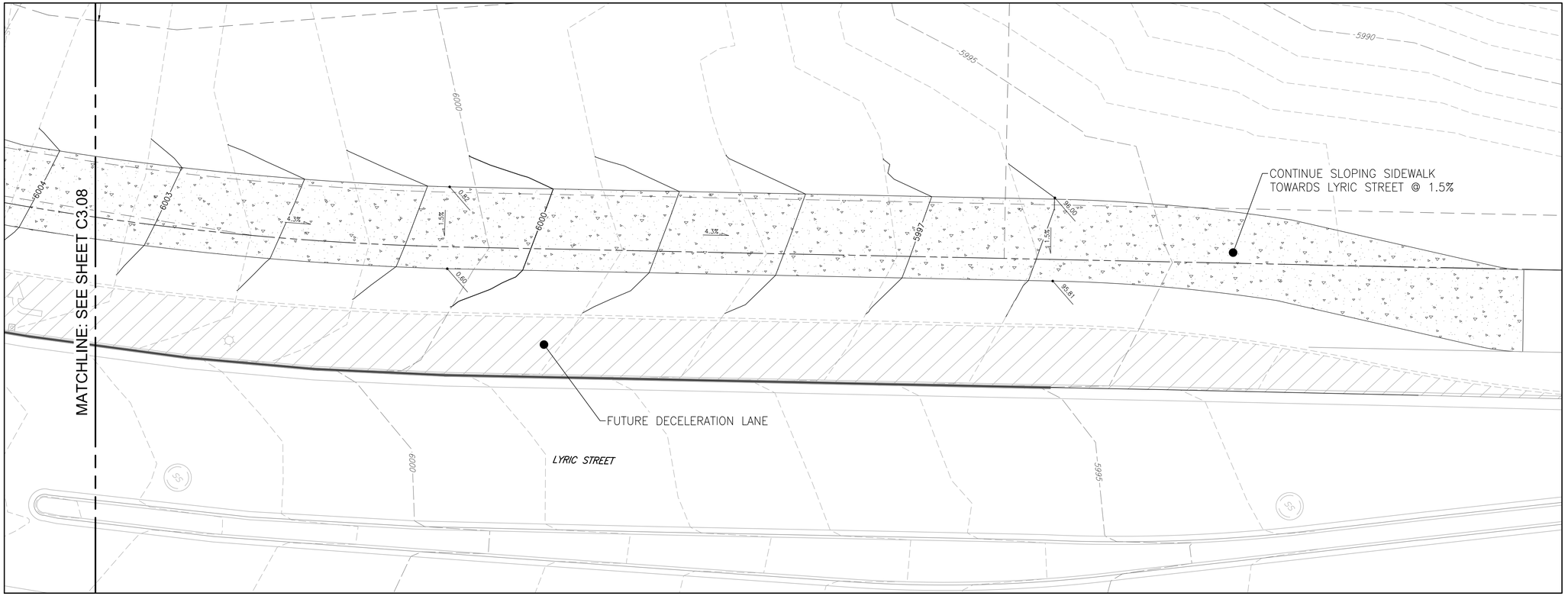
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	04/06/2026	CITY SUBMITTAL

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DETAILED GRADING PLAN

Sheet number

C3.08



15-FOOT DETACHED SIDEWALK

SCALE: 1"=10'

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N

10 5 0 10 20

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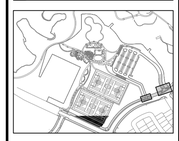
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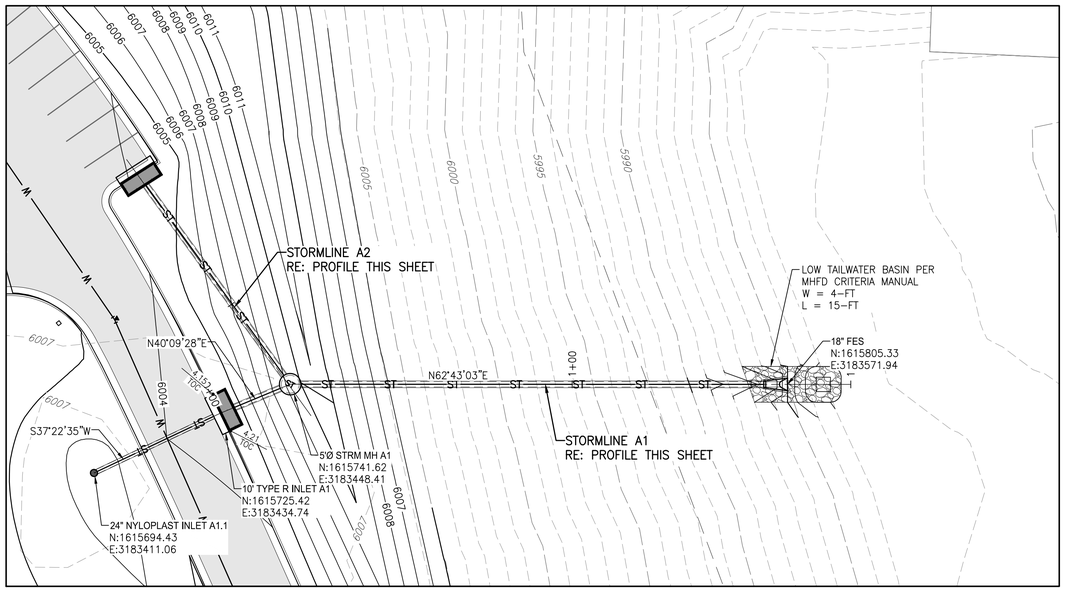
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	04/06/2026	CITY SUBMITTAL

Sheet description

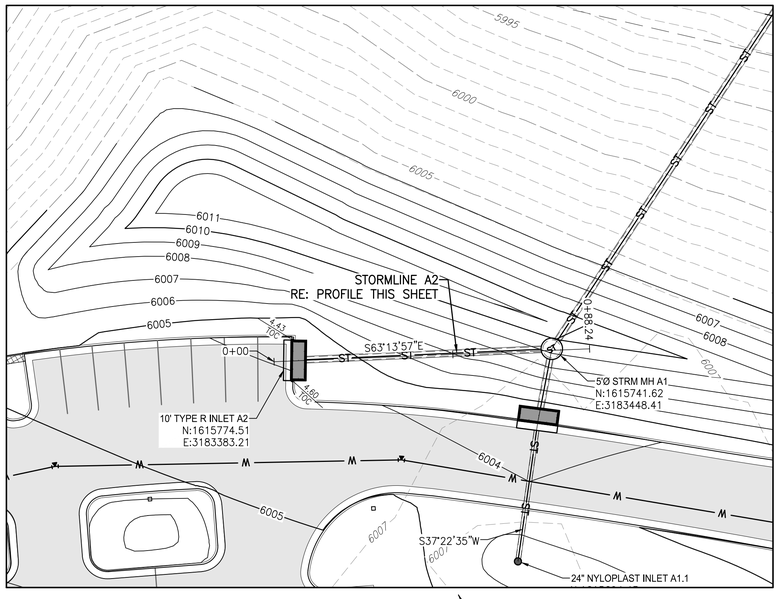
DETAILED GRADING PLAN

Sheet number

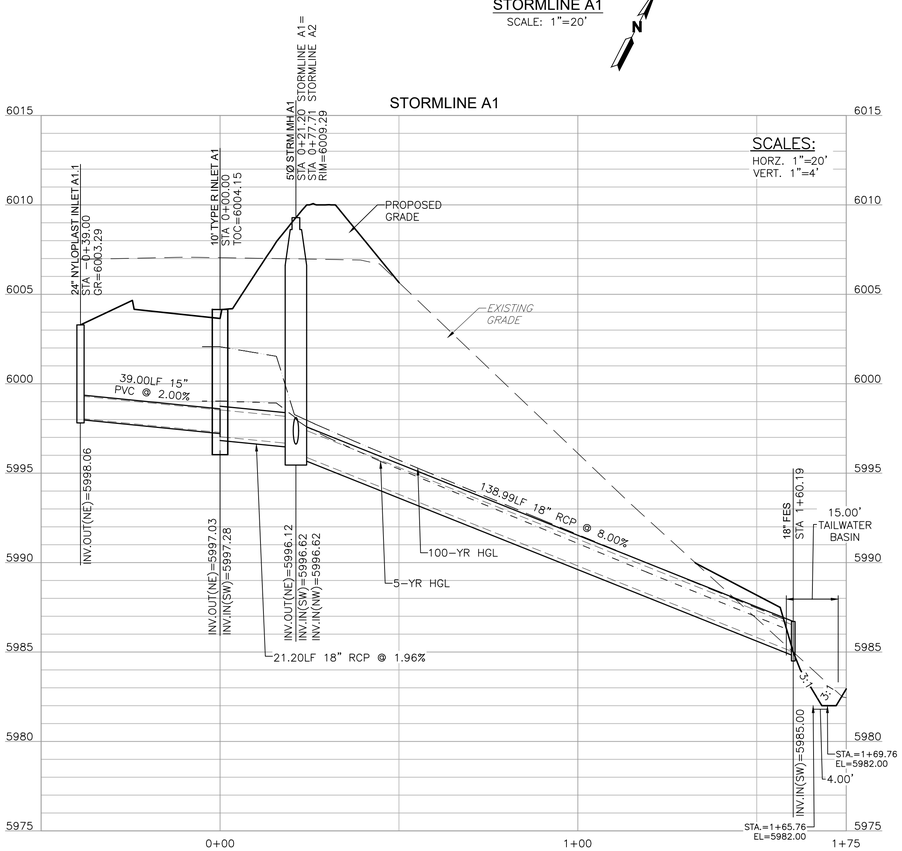
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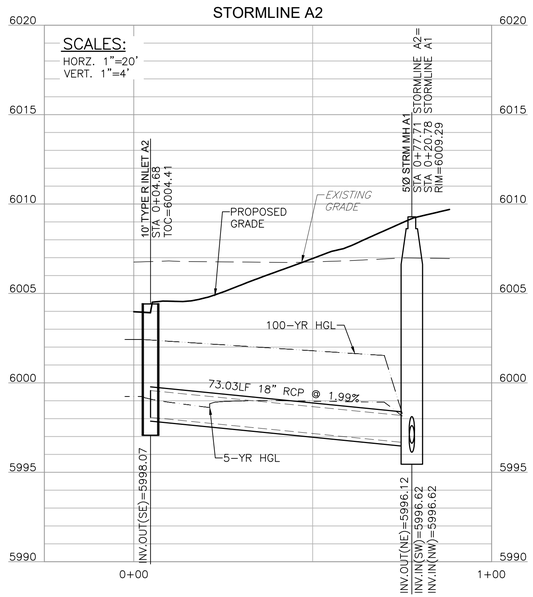


STORMLINE A1
SCALE: 1"=20'



STORMLINE A1
SCALE: 1"=20'





NOTES:

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BASIS OF BEARINGS:

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BENCHMARK:

VERTICAL DATA SHOWN ON THIS SURVEY IS BASED ON POINT #558 SHOWN ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022, BEING A 3-1/2" RTD BRASS CAP "PLS 24942". ELEV=6074.44 NAVD 88.

20 10 0 20 40
SCALE: 1"=20'
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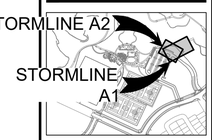
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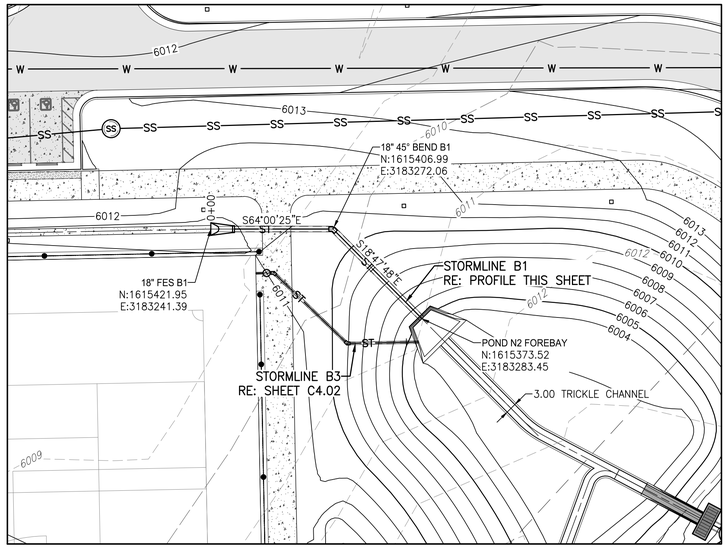


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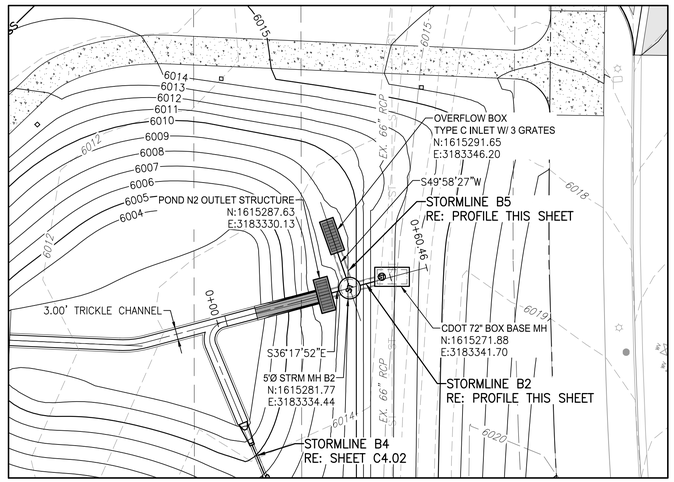
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description
STORM SEWER A1 & A2 PLAN AND PROFILE

Sheet number
C4.00



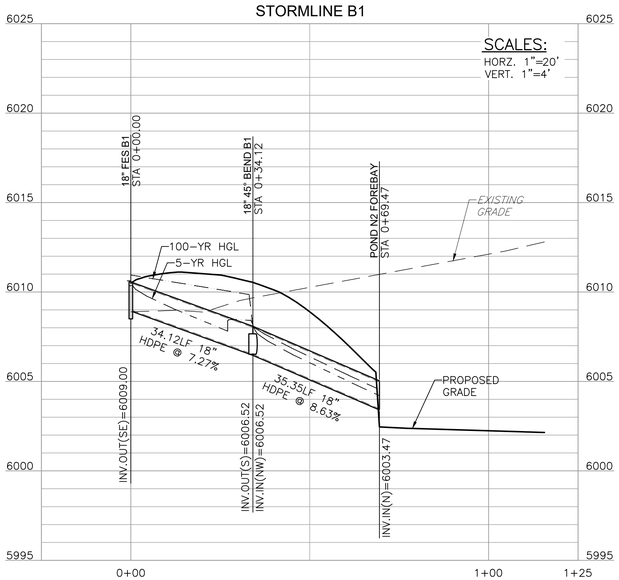
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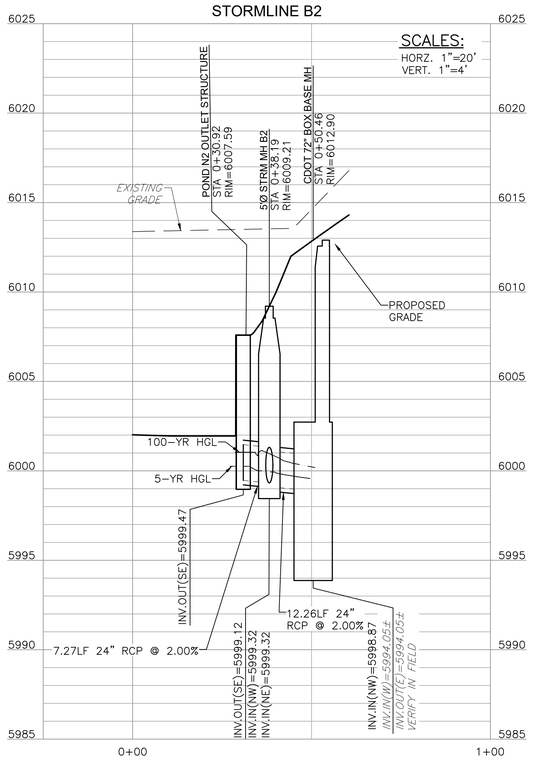


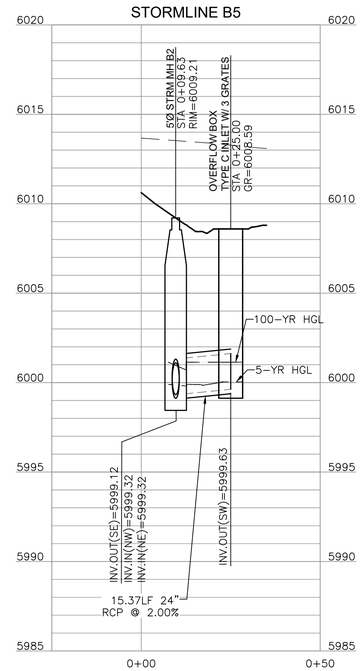
STORMLINE B2 & B5
SCALE: 1"=20'

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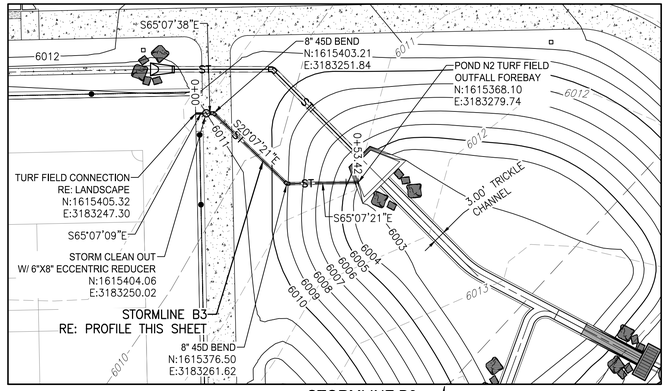
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	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

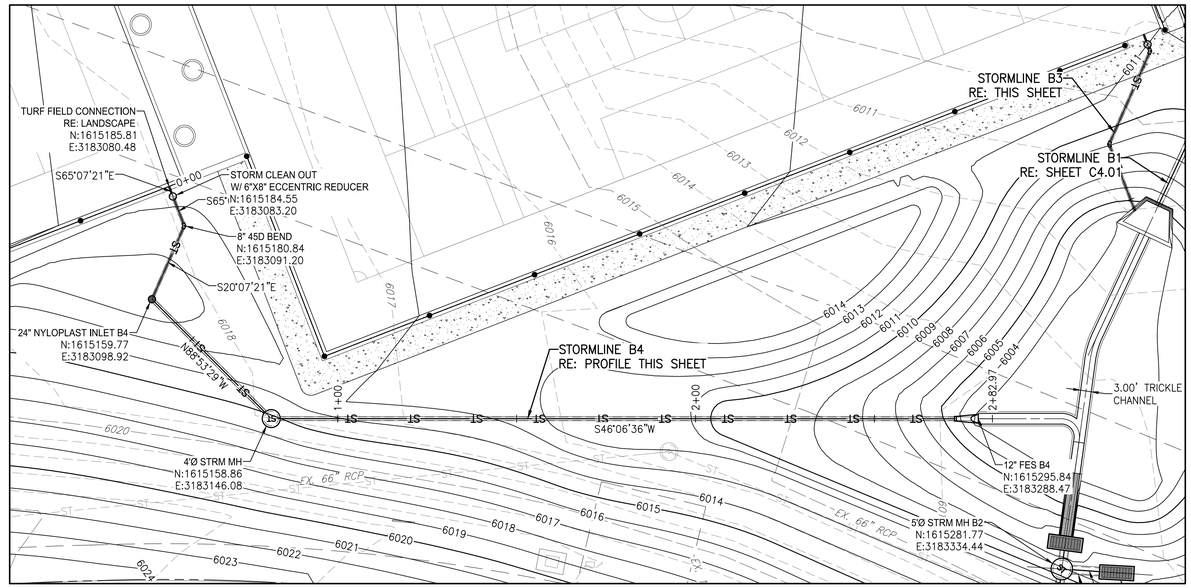
STORM SEWER B1 & B2 PLAN AND PROFILE

Sheet number

C4.01



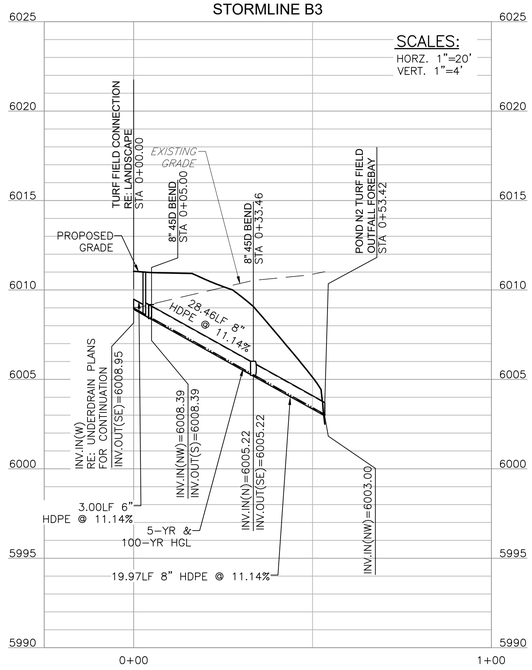
STORMLINE B3
SCALE: 1"=20'

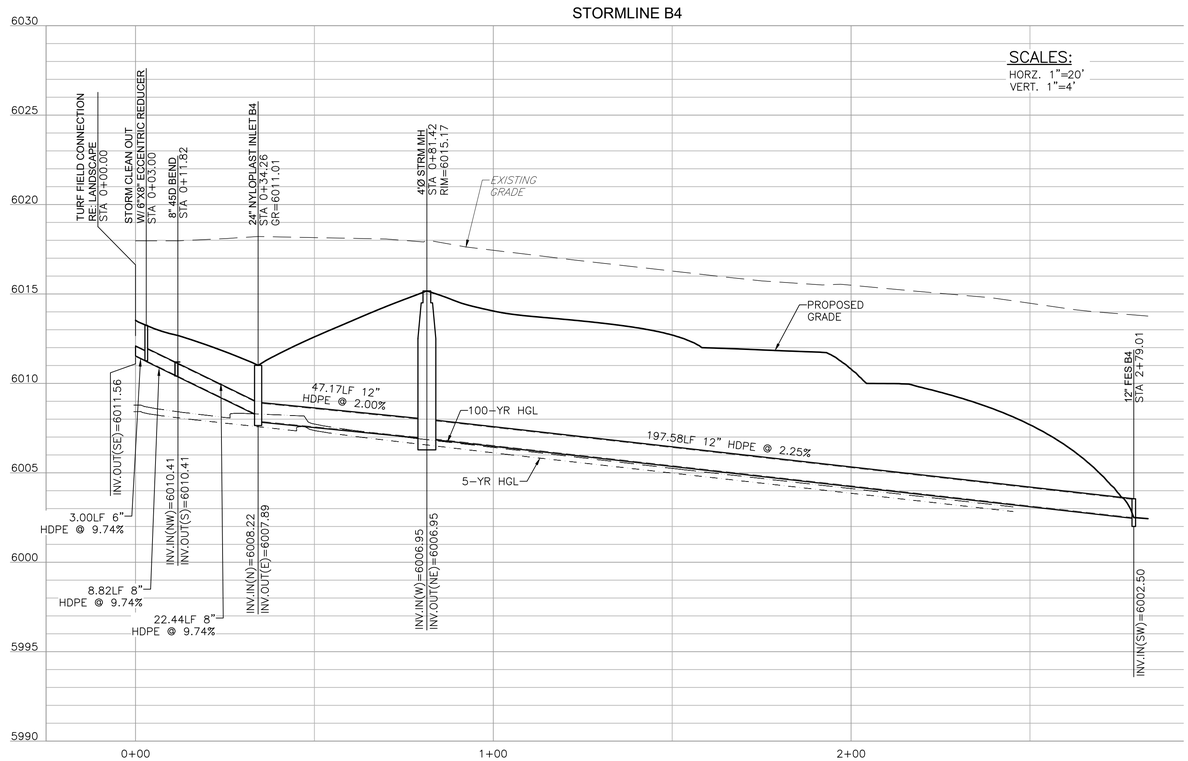


STORMLINE B4
SCALE: 1"=20'

NOTES:

1. SEE SHEETS C0.00 – C0.01 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE DETAILED GRADING PLANS (SHEETS C3.01 – C3.08) FOR ADDITIONAL INFORMATION.





20 10 0 20 40
SCALE: 1"=20'
ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

COLORADO 811
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CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

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BENCHMARK:

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HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

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Roxbox
Container Architect
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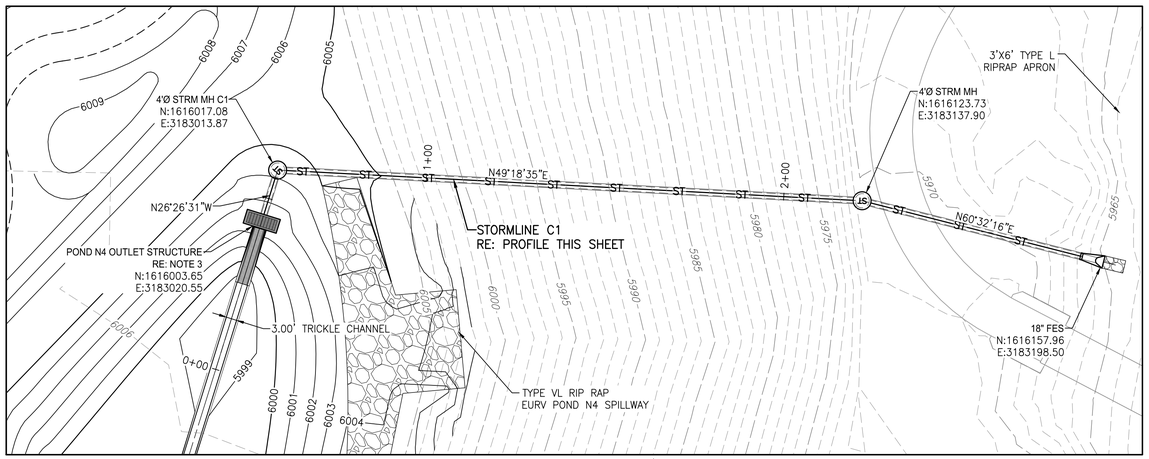
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description
STORM SEWER B3 & B4 PLAN AND PROFILE

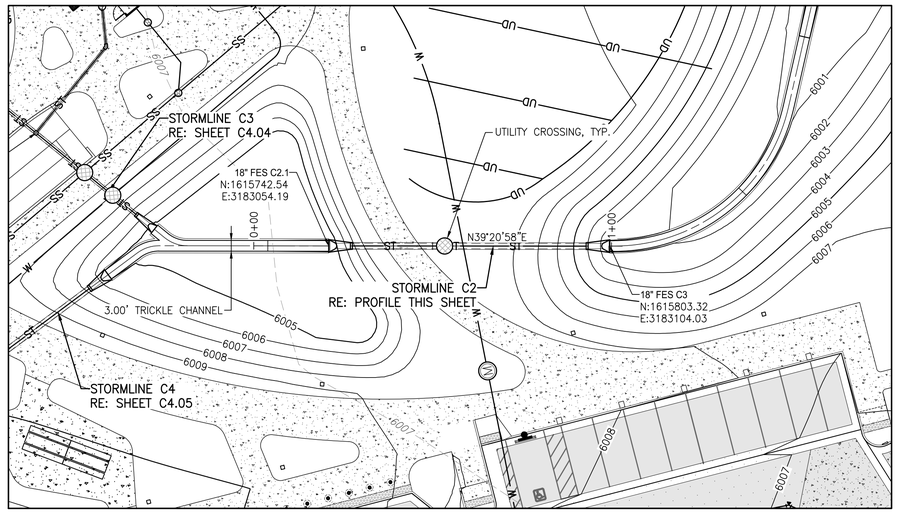
Sheet number
C4.02

NOTES:

1. SEE SHEETS C0.00 – C0.01 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE DETAILED GRADING PLANS (SHEETS C3.01 – C3.08) FOR ADDITIONAL INFORMATION.

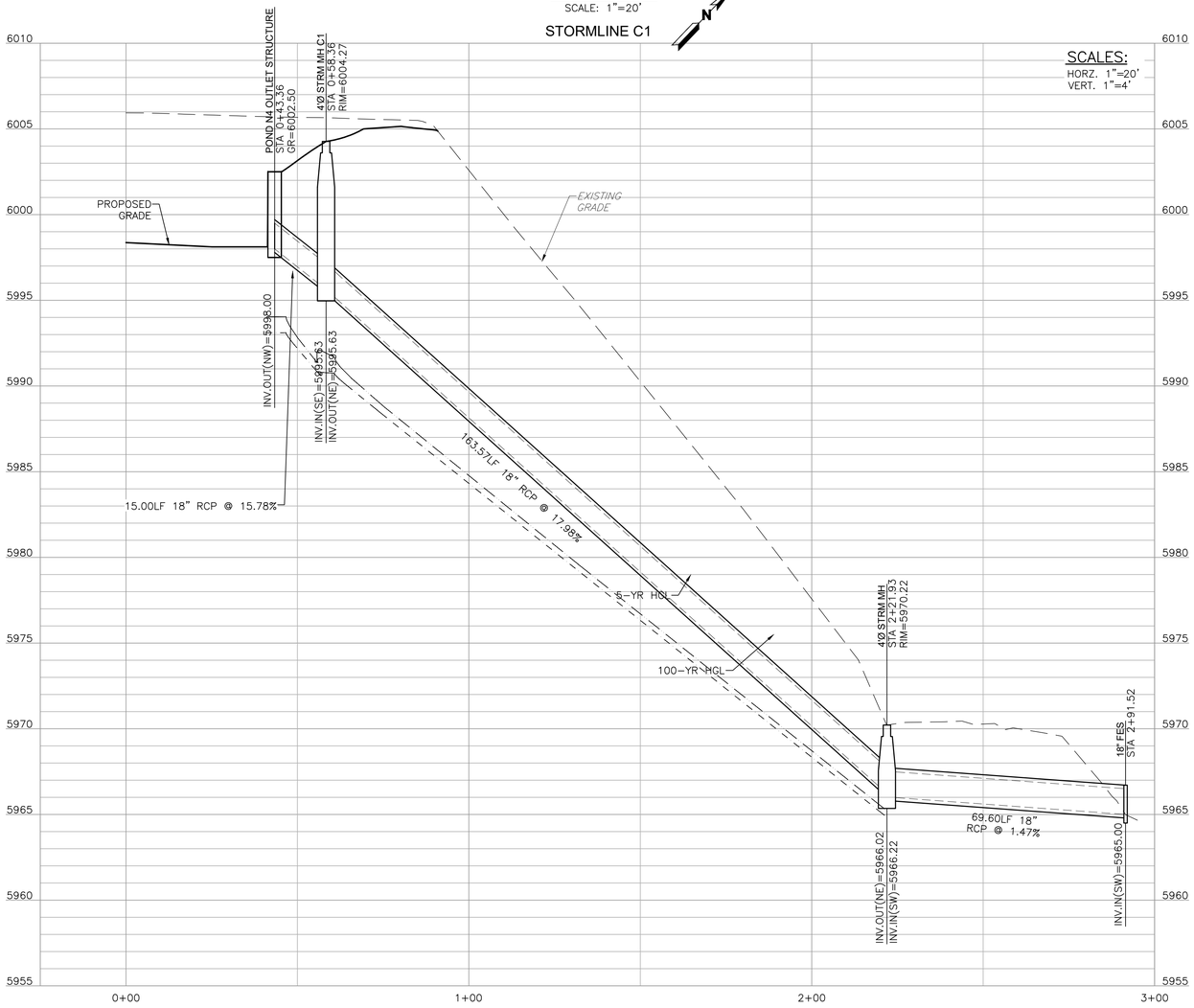


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SCALE: 1"=20'

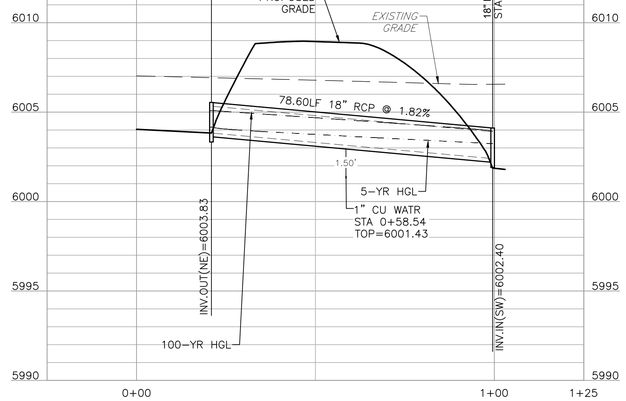


STORMLINE C2
SCALE: 1"=20'

STORMLINE C1



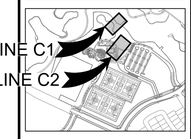
STORMLINE C2



NOTES:

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3. POND N4 UTILIZES DIFFERENT ORIFICE PLATES FOR EACH PHASE OF THE PARK. REPLACE PHASE 1 ORIFICE PLATE WITH FINAL PHASE PLATE DURING FINAL CONDITIONS. REFER TO SHEET C4.63 FOR ORIFICE PLATE AND OUTLET STRUCTURE DESIGN.

20 10 0 20 40
SCALE: 1"=20'
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illume
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Shen Milsom & Wilke (SM&W)
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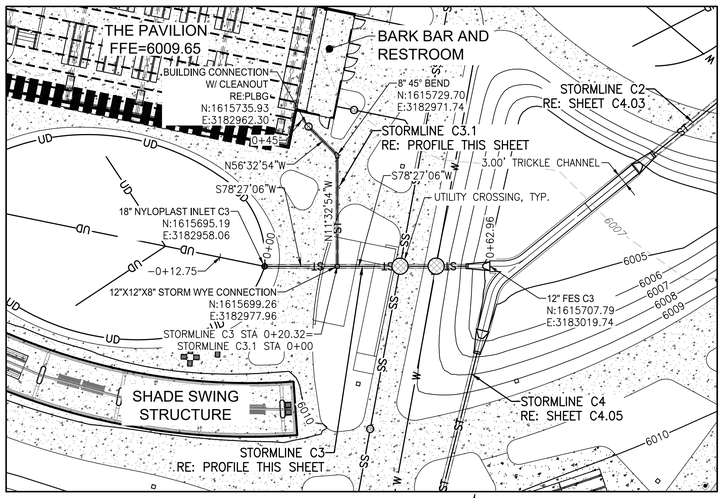
Roxbox
Container Architect
tel 303.997.8875

NOT FOR CONSTRUCTION

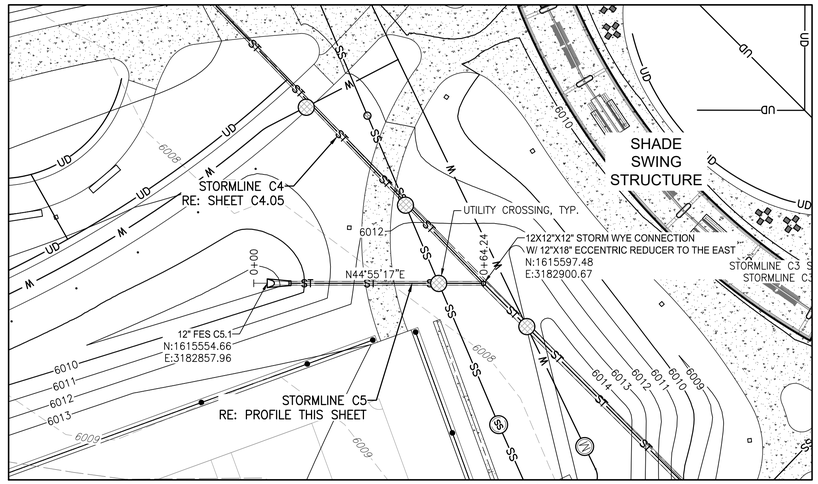
Rev	Date	Description
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	04/06/2026	CITY SUBMITTAL

Sheet description
STORM SEWER C1 & C2 PLAN AND PROFILE

Sheet number
C4.03



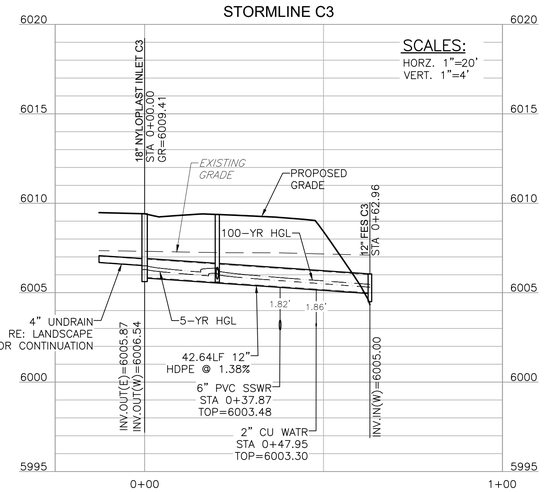
STORMLINE C3 & C3.1
SCALE: 1"=20'

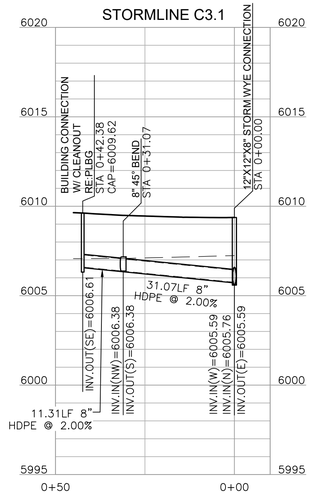


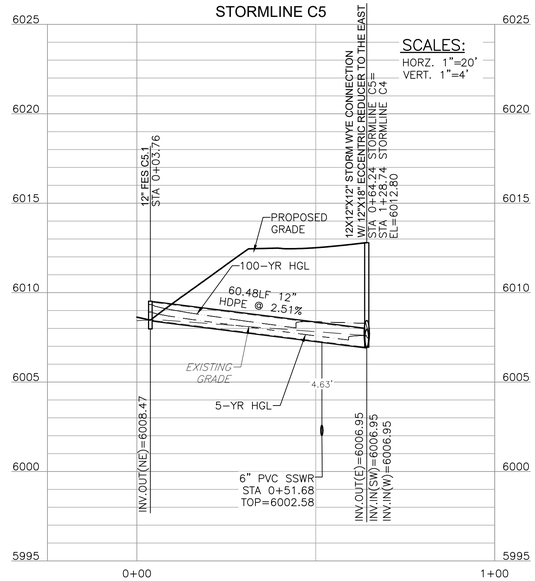
STORMLINE C5
SCALE: 1"=20'

NOTES:

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20 10 0 20 40
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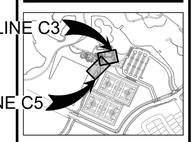
Shen Milsom & Wilke (SM&W)
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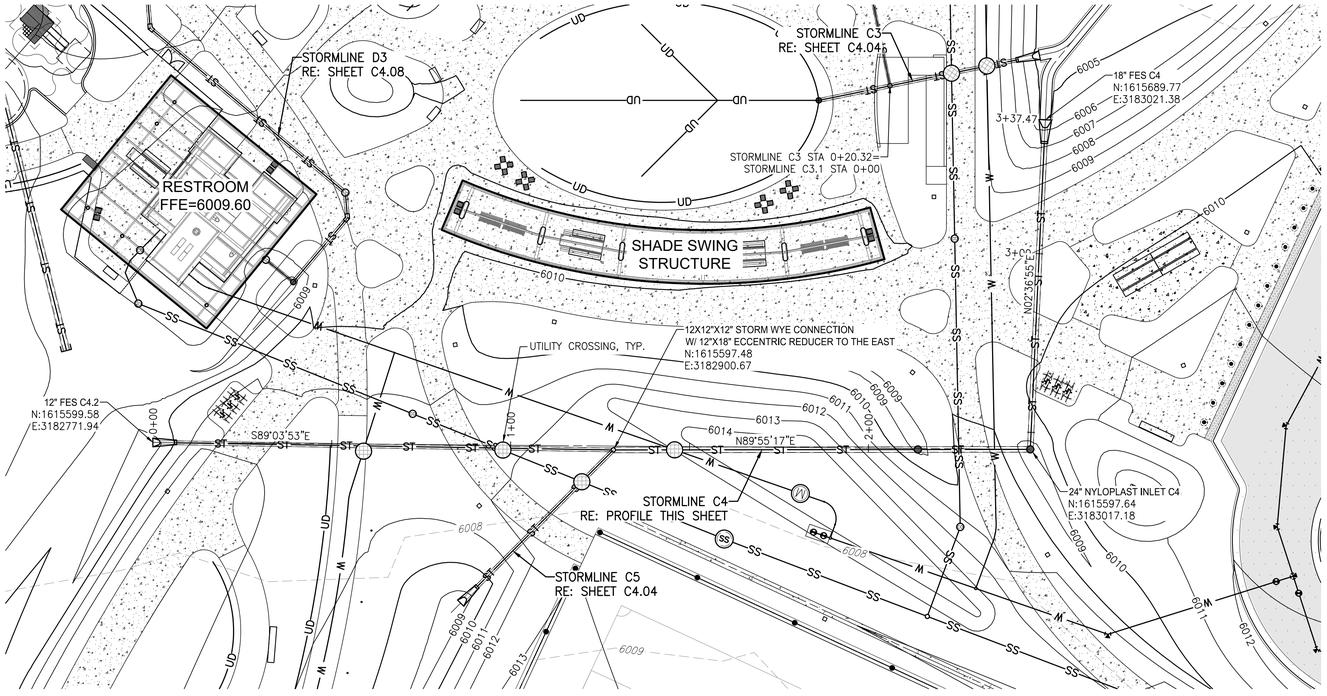


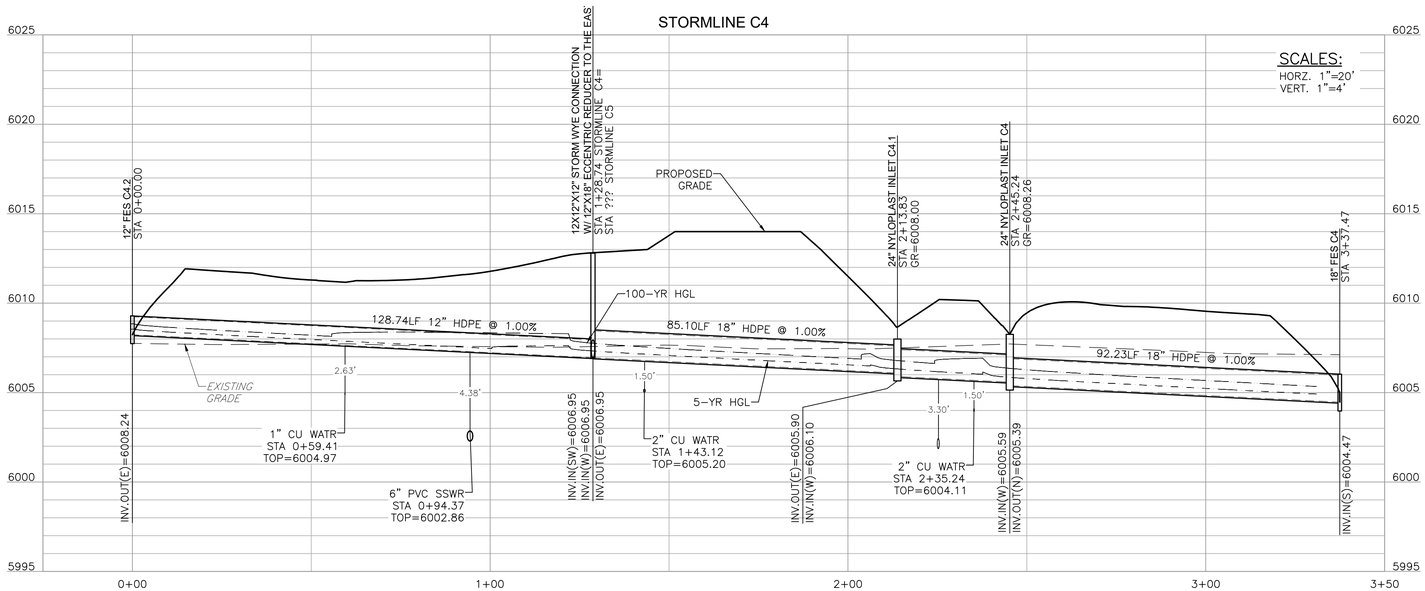
NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description
STORM SEWER C3 & C5 PLAN AND PROFILE

Sheet number
C4.04





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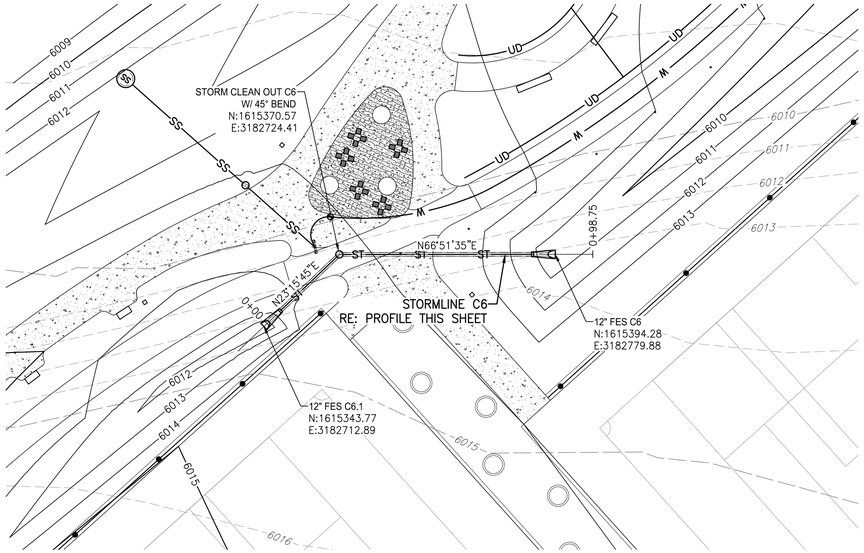
Rev	Date	Description
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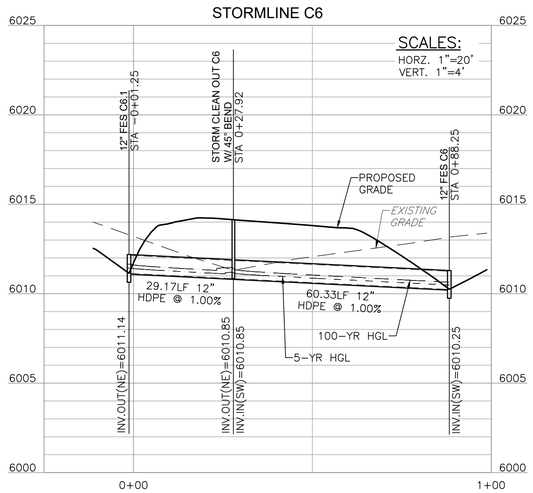
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STORM SEWER C4 PLAN AND PROFILE

Sheet number

C4.05





NOTES:

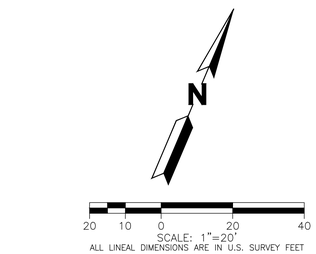
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HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

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Prime Consultant | Landscape Architect
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Denver, CO 80202
tel 720.604.3385

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tel 303.831.4010

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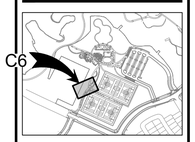
Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

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Fountain Source
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Roxbox
Container Architect
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NOT FOR CONSTRUCTION

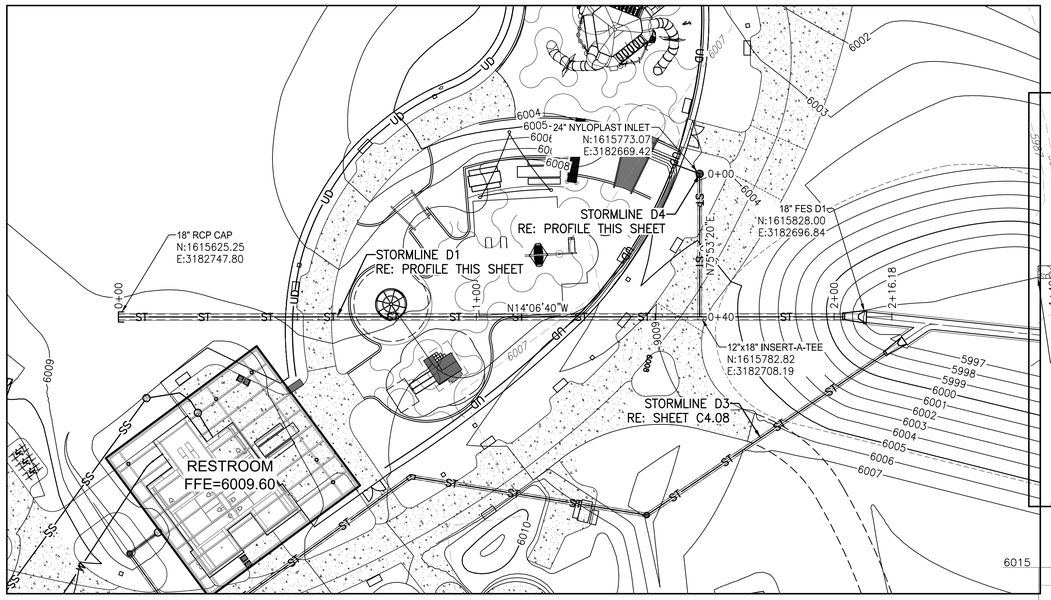
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	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

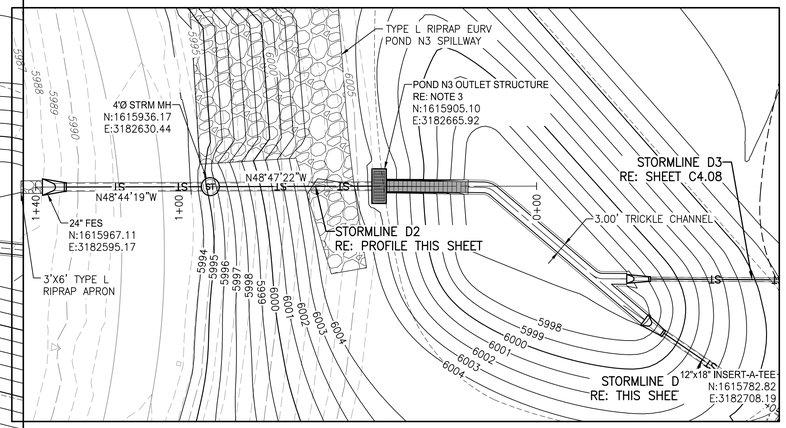
STORM SEWER C6 PLAN AND PROFILE

Sheet number

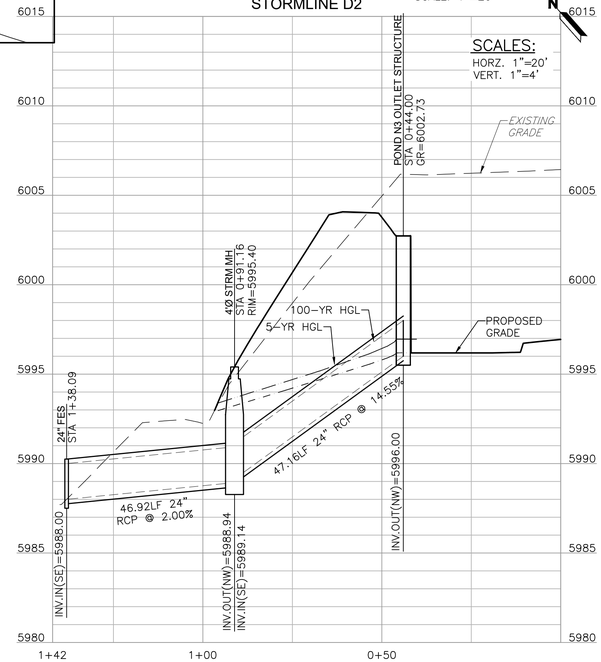
C4.06

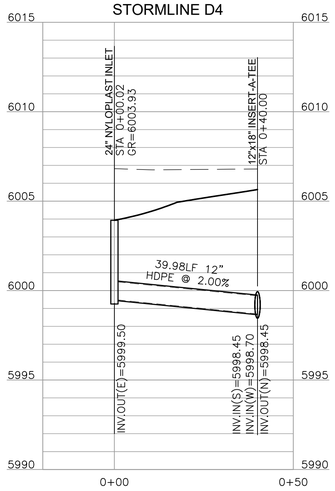


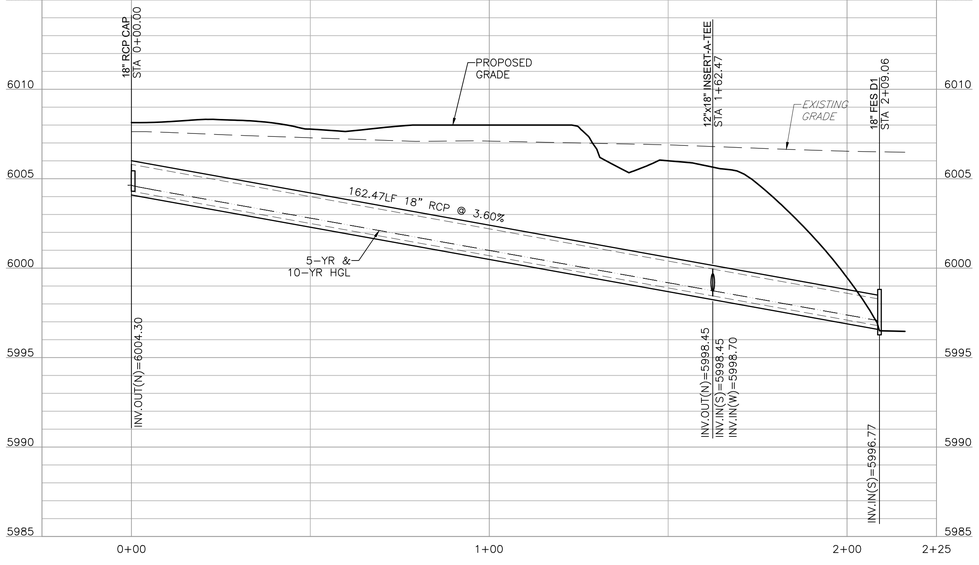
STORMLINE D1
SCALE: 1"=20'



STORMLINE D2
SCALE: 1"=20'







STORMLINE D2
STORMLINE D1

BASIS OF BEARINGS:

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BENCHMARK:

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NOTES:

1. SEE SHEETS C0.00 – C0.01 FOR ADDITIONAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE DETAILED GRADING PLANS (SHEETS C3.01 – C3.08) FOR ADDITIONAL INFORMATION.
3. POND N3 UTILIZES DIFFERENT ORIFICE PLATES FOR EACH PHASE OF THE PARK. REPLACE PHASE 1 ORIFICE PLATE WITH FINAL PHASE PLATE DURING FINAL CONDITIONS. REFER TO SHEET C4.62 FOR ORIFICE PLATE AND OUTLET STRUCTURE DESIGN.

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NOT FOR CONSTRUCTION

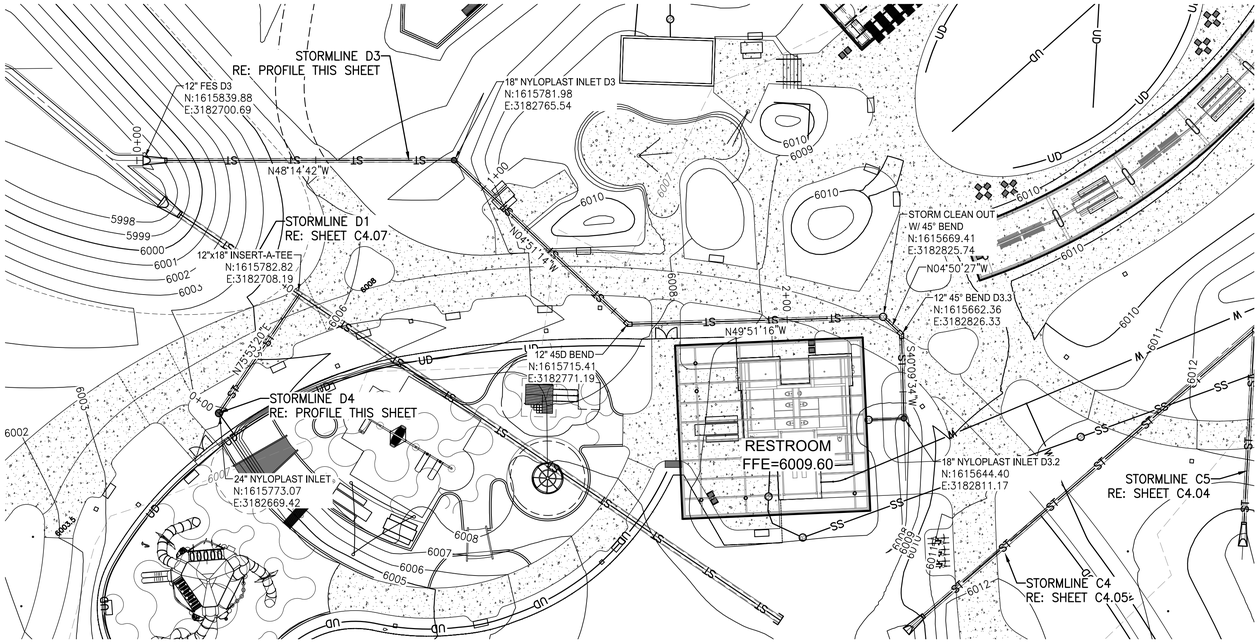
Rev	Date	Description
	03/02/2026	50% CD
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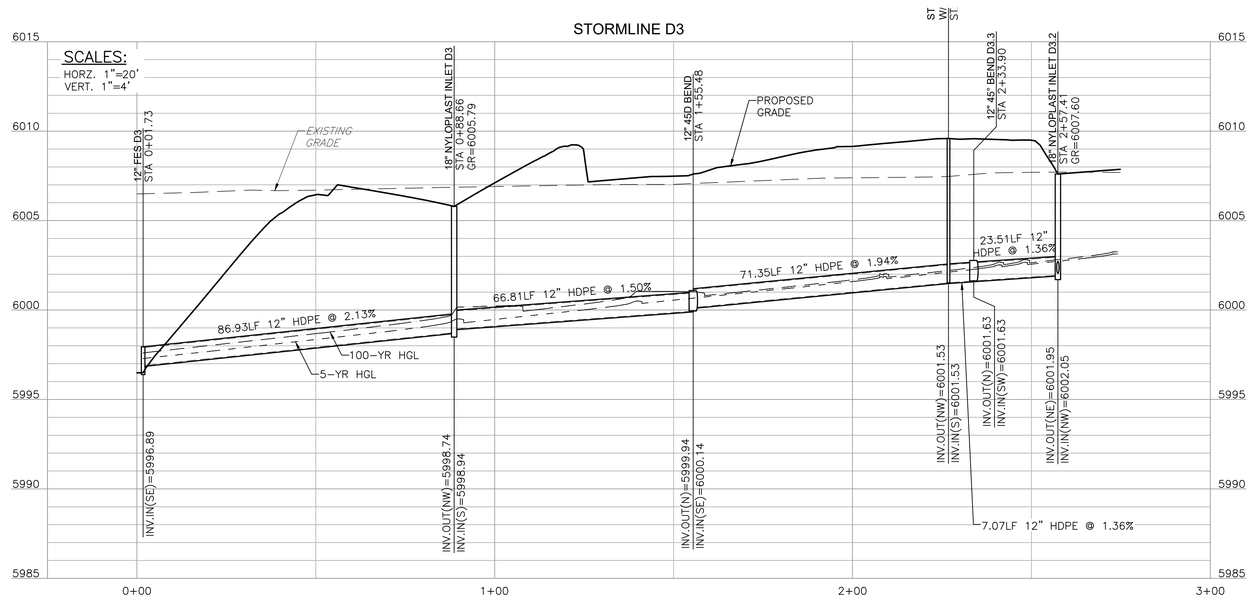
Sheet description

STORM SEWER D1 & D2 PLAN AND PROFILE

Sheet number

C4.07





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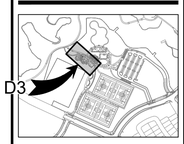
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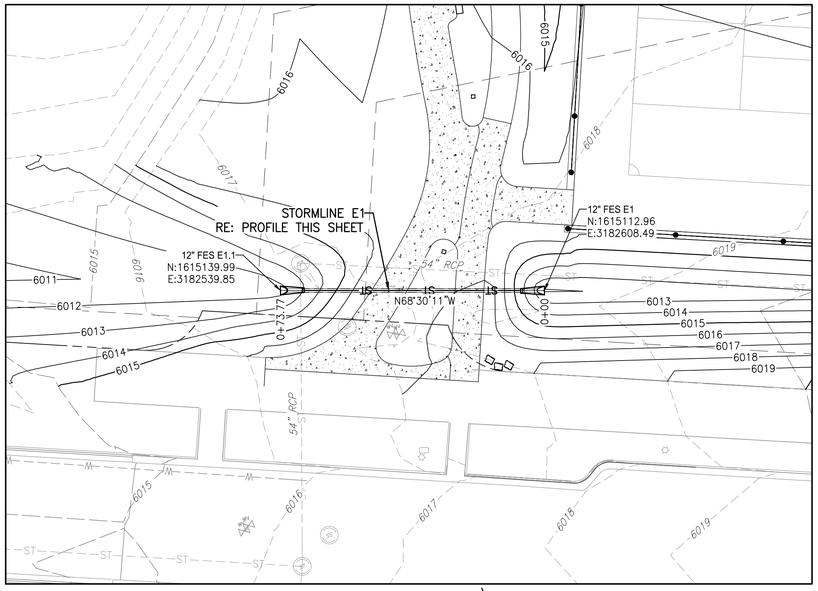
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

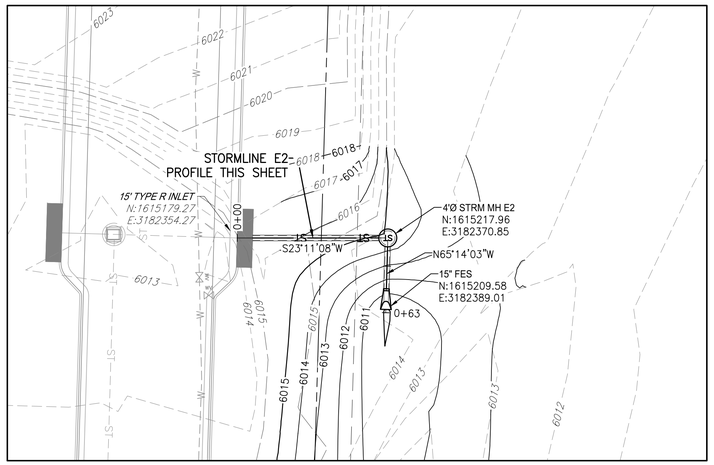
STORM SEWER D3 PLAN AND PROFILE

Sheet number

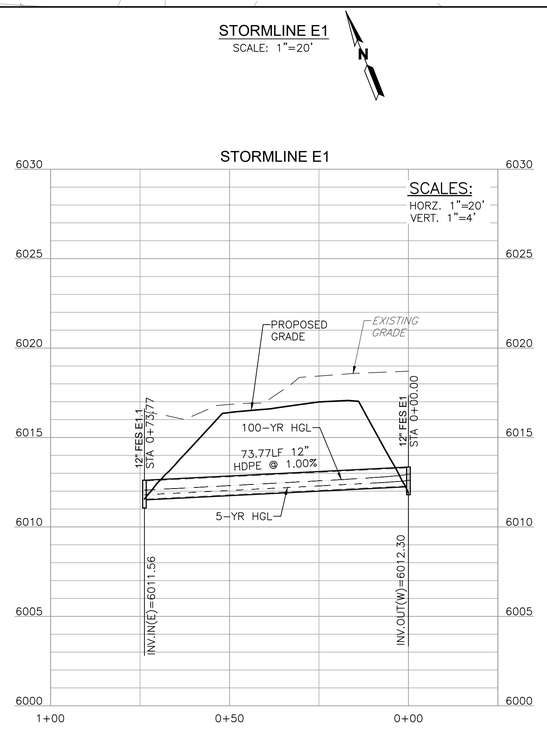
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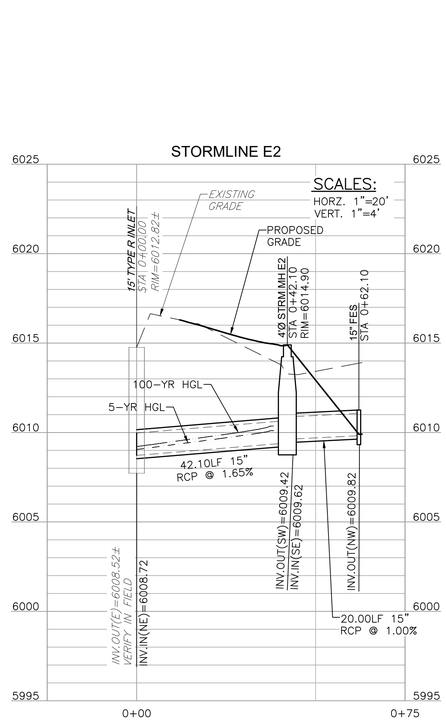


STORMLINE E1
SCALE: 1"=20'



STORMLINE E2
SCALE: 1"=20'





NOTES:

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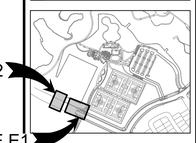
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NOT FOR CONSTRUCTION

20 10 0 20 40
SCALE: 1"=20'
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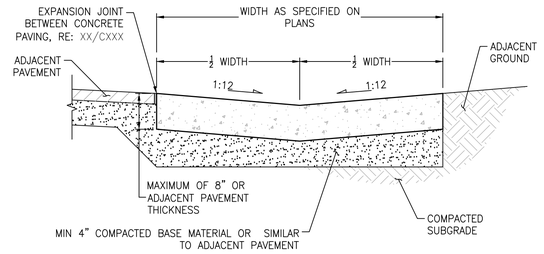
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

STORM SEWER E1 & E2 PLAN AND PROFILE

Sheet number

C4.09



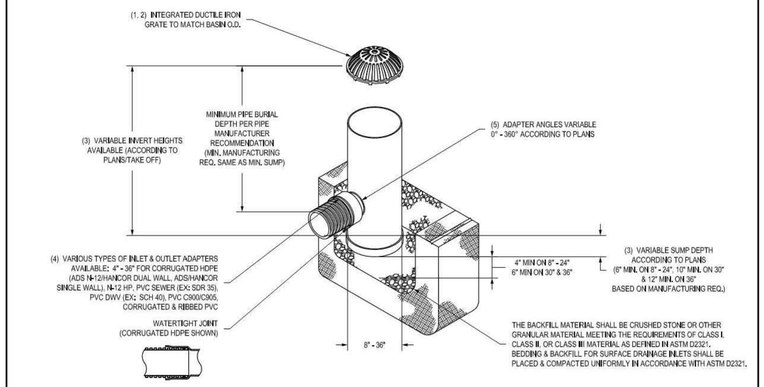
NOTES:

1. CONTRACTION JOINT (XX/CXXX) TO BE SPACED MAXIMUM OF 10' AND EXPANSION JOINTS ARE TO BE EVERY 100' (XX/CXXX).
2. PAN THICKNESS TO BE MAXIMUM OF EITHER 8" OR ADJACENT PAVEMENT THICKNESS.

CONCRETE VALLEY PAN

NOT TO SCALE

NYLOPLAST DRAIN BASIN WITH DOME GRATE



1 - 8" - 30" DOME GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - 8" & 10" DOME GRATES FIT ONTO THE DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4"-36").
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
6 - 8" - 30" DOME GRATES HAVE NO LOAD RATING.

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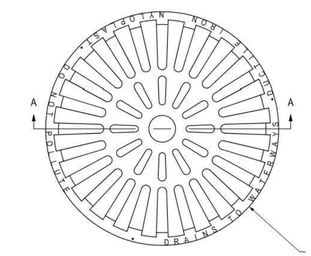
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DATE	03-25-10			
REVISED BY	NMH	PROJECT NO./NAME		
DATE	06-12-18			
DWG SIZE	A	SCALE 1:40	SHEET 1 OF 1	DWG NO. 7001-110-397 REV E

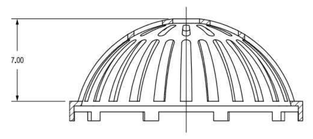
ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2496 www.nyloplast-us.com

TITLE: DRAIN BASIN WITH DOME GRATE QUICK SPEC INSTALLATION DETAIL

1899CGD

APPROX. DRAIN AREA = 175.59 SQ IN
APPROX. WEIGHT = 32.00 LBS





SECTION A-A

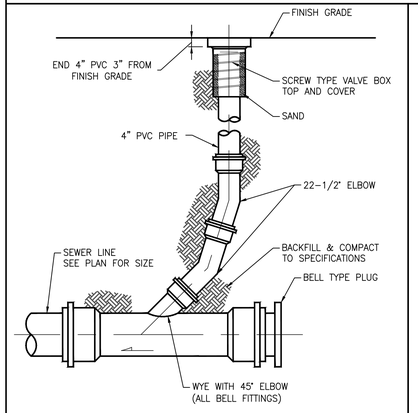
DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
LOCKING DEVICE AVAILABLE UPON REQUEST

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DRAWN BY	EBC	MATERIAL	DUCTILE IRON	
DATE	03-04-06			
REVISED BY	CCA	PROJECT NO./NAME		
DATE	08-30-13			
DWG SIZE	A	SCALE 1:6	SHEET 1 OF 1	DWG NO. 7001-110-215 REV E

ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2496 www.nyloplast-us.com

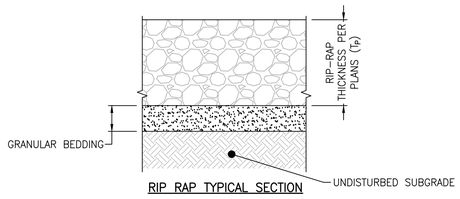
TITLE: 18 IN DOME GRATE



CLEAN-OUT DETAIL

NOT TO SCALE
M/M 2009

RIP RAP GRADATION						
	% SMALLER THAN GIVEN BY WEIGHT	TYPE VL	TYPE L	TYPE M	TYPE H	TYPE VH
INTERMEDIATE ROCK DIMENSION (IN)	70–100	12	15	21	30	42
	50–70	9	12	18	24	33
	35–50	6	9	12	18	24
	2–10	2	3	4	6	9
	D50 (IN)	6	9	12	18	24



RIP RAP TYPICAL SECTION

GRADATION FOR GRANULAR BEDDING		
U.S. STANDARD SIEVE SIZE	PERCENT PASSING BY WEIGHT	
	TYPE I CDOT SECT. 703.01	TYPE II CDOT SECT. 703.09 CLASS A
3 INCHES	–	90 – 100
1½ INCHES	–	–
¾ INCHES	–	20 – 90
⅜ INCHES	100	–
#4	95 – 100	0 – 20
#16	45 – 80	–
#50	10 – 30	–
#100	2 – 10	–
#200	0 – 2	0 – 3

THICKNESS REQUIREMENTS FOR GRANULAR BEDDING			
RIPRAP DESIGNATION	MINIMUM BEDDING THICKNESS (INCHES)		
	FINE-GRAINED SOILS [1]		COARSE-GRAINED SOILS [2]
	TYPE I (LOWER LAYER)	TYPE II (UPPER LAYER)	TYPE II
VL	4	4	6
L	4	4	6
M	4	4	6
H	4	6	8
VH	4	6	8

NOTES:
1. MAY SUBSTITUTE ONE 12-INCH LAYER OF TYPE II BEDDING. THE SUBSTITUTION OF ONE LAYER OF TYPE II BEDDING SHALL NOT BE PERMITTED AT DROP STRUCTURES. THE USE OF A COMBINATION OF FILTER FABRIC AND TYPE II BEDDING AT DROP STRUCTURES IS ACCEPTABLE.
2. FIFTY PERCENT OR MORE BY WEIGHT RETAINED ON THE #40 SIEVE.

NOTES:

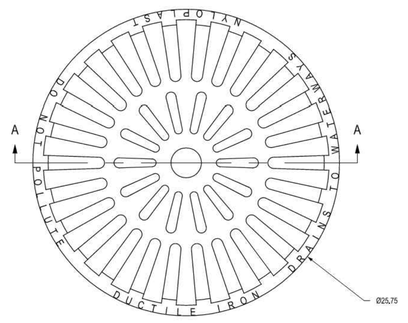
1. L_P, T_P, AND W_P ARE TO BE SPECIFIED ON PLANS.
2. IF L_P, T_P, AND W_P ARE NOT SPECIFIED ON PLANS, L_P = 6 x PIPE DIAMETER, T_P = 2 x RIP-RAP D_{50}, W_P = 3 x PIPE DIAMETER.
3. ROCK SHALL BE HARD, DURABLE, ANGULAR IN SHAPE, AND FREE FROM CRACKS, OVERBURDEN, SHALE, AND ORGANIC MATTER.
4. NEITHER BREADTH NOR THICKNESS OF A SINGLE STONE SHOULD BE LESS THAN ONE-THIRD ITS LENGTH, AND ROUNDED STONE SHOULD BE AVOIDED.
5. THE ROCK SHOULD SUSTAIN A LOSS OF NOT MORE THAN 40% AFTER 500 REVOLUTIONS IN AN ABRASION TEST (LOS ANGELES MACHINE-ASTM C-535-69) AND SHOULD SUSTAIN A LOSS OF NOT MORE THAN 10% AFTER 12 CYCLES OF FREEZING AND THAWING (AASHTO TEST 103 FOR LEDGE ROCK PROCEDURE A).
6. ROCK HAVING A MINIMUM SPECIFIC GRAVITY OF 2.65 IS PREFERRED; HOWEVER, IN NO CASE SHOULD ROCK HAVE A SPECIFIC GRAVITY LESS THAN 2.50.
7. FABRIC TO BE MIRAFI '140N' OR APPROVED EQUAL ALONG BOTTOM OF STONE.
8. RIP-RAP SHALL NOT BE PLACED ON SLOPES STEEPER THAN 2.5:1.
9. ELEVATION TOLERANCES FOR THE SOIL RIPRAP SHALL BE 0.10 FEET. THICKNESS OF SOIL RIPRAP SHALL BE NO LESS THAN THICKNESS SHOWN AND NO MORE THAN 2-INCHES GREATER THAN THE THICKNESS SHOWN.
10. WHERE "SOIL RIPRAP" IS DESIGNATED ON THE CONTRACT DRAWINGS, RIPRAP VOIDS ARE TO BE FILLED WITH NATIVE SOIL. THE RIPRAP SHALL BE PRE-MIXED WITH THE NATIVE SOIL AT THE FOLLOWING PROPORTIONS BY VOLUME: 65 PERCENT RIPRAP AND 35 PERCENT SOIL. THE SOIL USED FOR MIXING SHALL BE NATIVE TOPSOIL AND SHALL HAVE A MINIMUM FINES CONTENT OF 15 PERCENT. THE SOIL RIPRAP SHALL BE INSTALLED IN A MANNER THAT RESULTS IN A DENSE, INTERLOCKED LAYER OF RIPRAP WITH RIPRAP VOIDS FILLED COMPLETELY WITH SOIL. SEGREGATION OF MATERIALS SHALL BE AVOIDED AND IN NO CASE SHALL THE COMBINED MATERIAL CONSIST PRIMARILY OF SOIL; THE DENSITY AND INTERLOCKING NATURE OF RIPRAP IN THE MIXED MATERIAL SHALL ESSENTIALLY BE THE SAME AS IF THE RIPRAP WAS PLACED WITHOUT SOIL.
11. WHERE SPECIFIED (TYPICALLY AS "BURIED SOIL RIPRAP"), A SURFACE LAYER OF TOPSOIL SHALL BE PLACED OVER THE SOIL RIPRAP ACCORDING TO THE THICKNESS SPECIFIED ON THE CONTRACT DRAWINGS. THE TOPSOIL SURFACE LAYER SHALL BE COMPACTED TO APPROXIMATELY 85% OF MAXIMUM DENSITY AND WITHIN TWO PERCENTAGE POINTS OF OPTIMUM MOISTURE IN ACCORDANCE WITH ASTM D698. TOPSOIL SHALL BE ADDED TO ANY AREAS THAT SETTLE.
12. ALL SOIL RIPRAP THAT IS BURIED WITH TOPSOIL SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ANY TOPSOIL PLACEMENT.

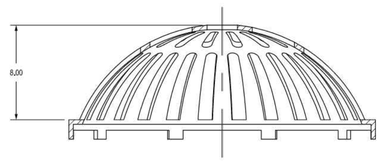
STANDARD RIP-RAP GENERAL NOTES

NOT TO SCALE

2499CGD

APPROX. DRAIN AREA = 270.64 SQ IN
APPROX. WEIGHT = 53.00 LBS





SECTION A-A

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
LOCKING DEVICE AVAILABLE UPON REQUEST

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DRAWN BY	EBC	MATERIAL	DUCTILE IRON	
DATE	03-04-06			
REVISED BY	CCA	PROJECT NO./NAME		
DATE	08-30-13			
DWG SIZE	A	SCALE 1:6	SHEET 1 OF 1	DWG NO. 7001-110-219 REV E

ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2496 www.nyloplast-us.com

TITLE: 24 IN DOME GRATE

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Owner
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB
OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
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Thornton Tomasetti
Structural Engineer
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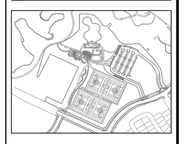
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Fountain Source
Water Feature Consultant
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Roxbox
Container Architect
tel 303.997.8875



NOT FOR CONSTRUCTION

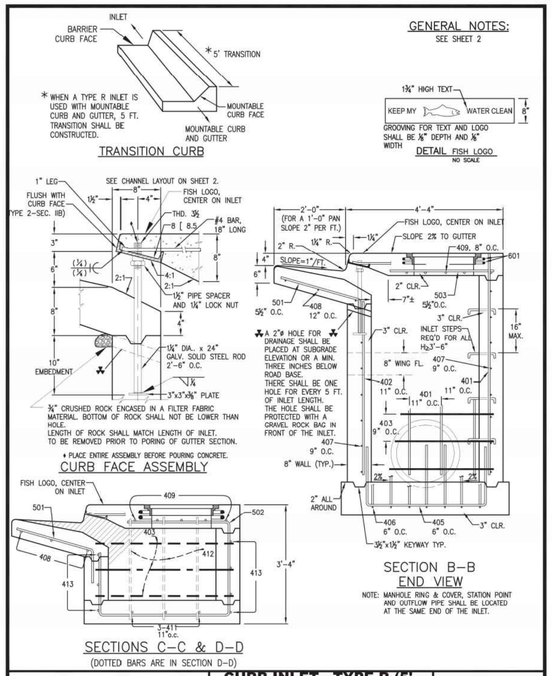
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

STORM SEWER DETAILS

Sheet number

C4.50

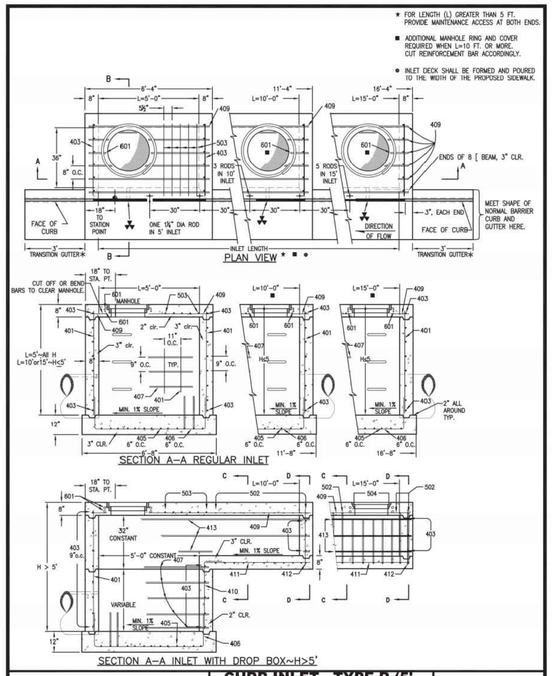


REFERENCE: CDOT M & S STANDARDS M-604-12

CURB INLET - TYPE R (5', 10' OR 15' IN LENGTH)

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.34a**



REFERENCE: CDOT M & S STANDARDS M-604-12

CURB INLET - TYPE R (5', 10' OR 15' IN LENGTH)

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.34b**

MARK	BAR # OR SIZE	O.C. SPACING	TYPE	ALL INLETS L = 5 FT. NO. REQ'D.	ALL INLETS L = 5 FT. LENGTH	INLETS: H ≤ 5 FT. L = 10 FT. NO. REQ'D.	INLETS: H ≤ 5 FT. L = 10 FT. LENGTH	INLETS: H ≤ 5 FT. L = 15 FT. NO. REQ'D.	INLETS: H ≤ 5 FT. L = 15 FT. LENGTH	INLETS: H > 5 FT. L = 10 FT. NO. REQ'D.	INLETS: H > 5 FT. L = 10 FT. LENGTH	INLETS: H > 5 FT. L = 15 FT. NO. REQ'D.	INLETS: H > 5 FT. L = 15 FT. LENGTH
401	4	11"	II	15	*	21	*	28	*	11	*	11	*
402	4	11"	II	7	*	13	*	18	*	7	*	7	*
403	4	9"	II	*	4'-0"	*	4'-0"	*	4'-0"	*	4'-0"	*	4'-0"
405	4	6"	VI	11	6'-10"	21	6'-10"	31	6'-10"	11	6'-10"	11	6'-10
406	4	6"	VIII	7	8'-10"	7	13'-10"	7	18'-10"	7	8'-10"	7	8'-10"
407	4	9"	II	*	5'-10"	*	10'-10"	*	15'-10"	*	5'-10"	*	5'-10"
408	4	12"	II	3	6'-10"	3	11'-10"	3	16'-0"	3	11'-10"	3	16'-0"
409	4	8"	II	6	5'-10"	6	10'-10"	6	15'-10"	6	10'-10"	6	15'-10"
410	4	11"	VII							3	*	3	*
411	4	11"	II							3	5'-2"	3	10'-2"
412	4	11"	II							3	2'-8"	3	2'-9"
413	4	9"	II							7	10'-10"	7	15'-10"
501	5	5½"	IV	11	3'-4"	22	3'-4"	33	3'-4"	22	3'-4"	33	3'-4"
502	5	5½"	III							11	11'-5"	17	11'-5"
503	5	5½"	II	5	3'-6"	16	3'-6"	27	3'-6"	6	3'-6"	6	3'-6"
504	5	5½"	IX									5	11'-4"
601	6	2½"	V	2	8'-10"	2	8'-10"	2	8'-10"	2	8'-10"	4	8'-10"
■ R[8.5				1	5'-10"	1	10'-10"	1	15'-10"	1	10'-10"	1	15'-10"
				2 BARS, 1 ROD	——	4 BARS, 3 RODS	——	8 BARS, 5 RODS	——	4 BARS, 3 RODS	——	8 BARS, 5 RODS	——
						REGULAR INLETS				DROP BOX INLETS			

* VARIABLE, REFER TO TABLE TWO.
■ INCLUDE #4, 18 IN. BARS (SEE CHANNEL LAYOUT).

TABLE ONE ~ BAR LIST FOR CURB INLETS, TYPE "R"

'H'	LENGTH 401	LENGTH 402	LENGTH 410	NO. REQ'D. REGULAR 403	NO. REQ'D. REGULAR 407	NO. REQ'D. DROP BOX 403	NO. REQ'D. DROP BOX 407	L=5' CONC. CU. YDS.	L=5' STEEL LBS.	L=10' CONC. CU. YDS.	L=10' STEEL LBS.	L=15' CONC. CU. YDS.	L=15' STEEL LBS.
3'-0"	2'-8"	1'-8"		10	7			3.2	285	5.3	497	7.4	706
3'-6"	3'-2"	2'-2"		10	7			3.4	305	5.7	528	7.9	747
4'-0"	3'-8"	2'-8"		12	9			3.7	326	6.0	559	8.4	786
4'-6"	4'-2"	3'-2"		12	9			3.9	334	6.4	571	8.8	803
5'-0"	4'-8"	3'-8"		14	11			4.1	354	6.7	602	9.3	844
5'-6"	5'-2"	4'-2"	3'-5"	16	13	15	6	4.4	375	6.0	607	7.4	850
6'-0"	5'-8"	4'-8"	3'-11"	16	13	16	6	4.6	382	6.2	616	7.6	860
6'-6"	6'-2"	5'-2"	4'-5"	18	15	18	8	4.8	402	6.4	637	7.8	880
7'-0"	6'-8"	5'-8"	4'-11"	20	17	19	10	5.0	423	6.6	654	8.0	897
7'-6"	7'-2"	6'-2"	5'-5"	20	17	20	10	5.3	430	6.9	664	8.3	907
8'-0"	7'-8"	6'-8"	5'-11"	22	19	22	12	5.5	451	7.1	684	8.5	927
8'-6"	8'-2"	7'-2"	6'-5"	24	21	23	14	5.7	471	7.3	702	8.7	944
9'-0"	8'-8"	7'-8"	6'-11"	24	21	24	14	6.0	479	7.6	711	9.0	954
9'-6"	9'-2"	8'-2"	7'-5"	26	23	26	16	6.2	499	7.8	732	9.2	974
10'-0"	9'-8"	8'-8"	7'-11"	28	25	27	18	6.4	520	8.0	749	9.4	992
10'-6"	10'-2"	9'-2"	8'-5"	28	25	28	18	6.7	527	8.3	759	9.7	1001
11'-0"	10'-8"	9'-8"	8'-11"	30	27	30	20	6.9	547	8.5	779	9.9	1022

NOTES: FOR L=5 FT., L=10 FT., AND L=15 FT.
REGULAR INLETS: TOTAL QUANTITIES NEEDED ARE OUTSIDE THE HEAVY BLACK LINE.
DROP BOX INLETS: TOTAL QUANTITIES NEEDED ARE INSIDE THE HEAVY BLACK LINE.
STEEL WEIGHTS DO NOT INCLUDE STRUCTURAL STEEL CHANNEL.

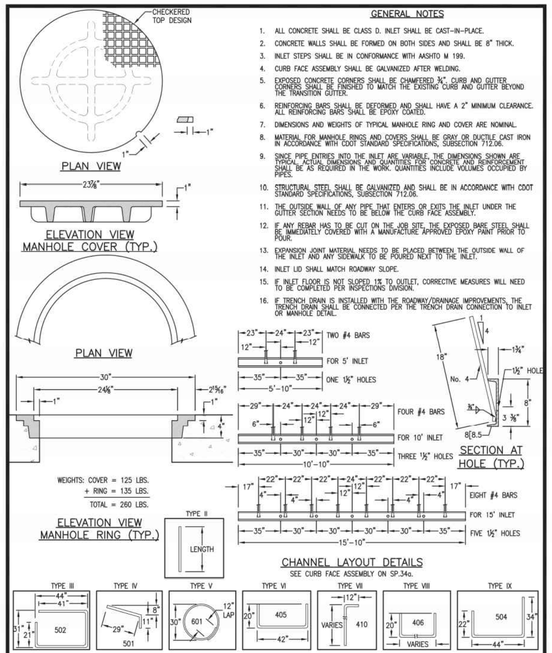
TABLE TWO ~ BARS AND QUANTITIES VARIABLE WITH "H"

REFERENCE: CDOT M & S STANDARDS M-604-12

CURB INLET - TYPE R (5', 10' OR 15' IN LENGTH)

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.34c**

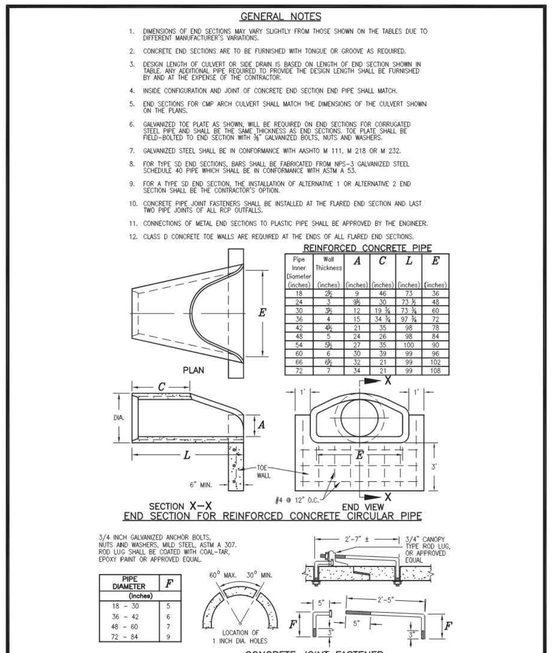


REFERENCE: CDOT M & S STANDARDS M-604-12

CURB INLET - TYPE R (5', 10' OR 15' IN LENGTH)

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.34d**



Pipe Inner Diameter (inches)	Wall Thickness (inches)	A (inches)	C (inches)	L (inches)	E (inches)
18	2½	9	46	73	36
24	3	9½	30	73 ¾	48
30	3½	12	19 ⅞	73 ¾	60
36	4	15	34 ⅞	97 ¾	72
42	4½	21	35	98	78
48	5	24	26	98	84
54	5½	27	35	100	90
60	6	30	39	99	96
66	6½	32	21	99	102
72	7	34	21	99	108

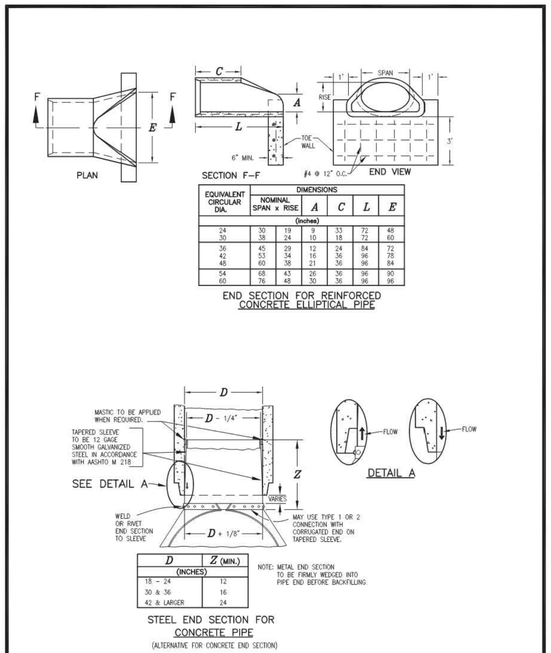
PIPE DIAMETER (inches)	F
18 – 30	5
36 – 42	6
48 – 60	7
72 – 84	9

REFERENCE: CDOT M & S STANDARDS M-603-10

CONCRETE OR METAL END SECTIONS

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised: 09/2017
Drawing No. **SP.52a**



EQUIVALENT CIRCULAR DIA.	NOMINAL SPAN × RISE	A	C	L	E
		(Inches)			
24	30 × 19	9	33	72	48
30	38 × 24	10	18	72	60
36	45 × 29	12	24	84	72
42	53 × 34	16	36	96	78
48	60 × 38	21	36	96	84
54	68 × 43	26	36	96	90
60	76 × 48	30	36	96	96

D	Z (MIN.)
(INCHES)	
18 – 24	12
30 & 36	16
42 & LARGER	24

REFERENCE: CDOT M & S STANDARDS M-603-10

CONCRETE OR METAL END SECTIONS

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised: 09/2017
Drawing No. **SP.52b**

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Cities
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB Landscape Architecture
Prime Consultant | Landscape Architect
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Denver, CO 80202
tel 720.604.3385

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Martin/Martin
Civil Engineer
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Thornton Tomasetti
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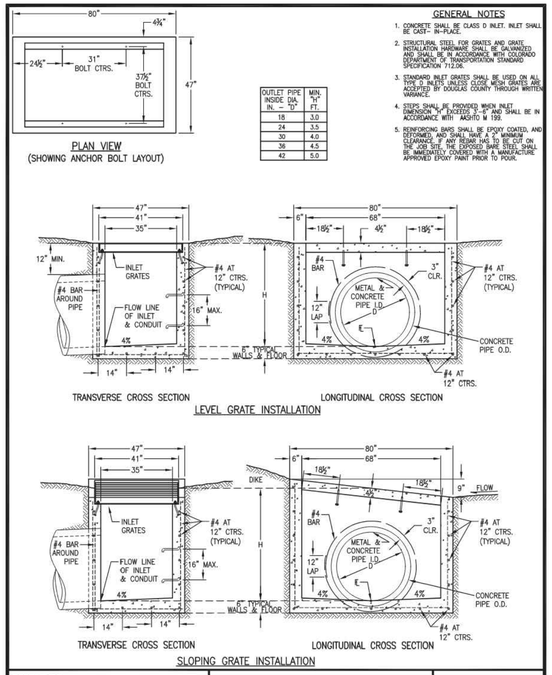


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description
STORM SEWER DETAILS

Sheet number
C4.51

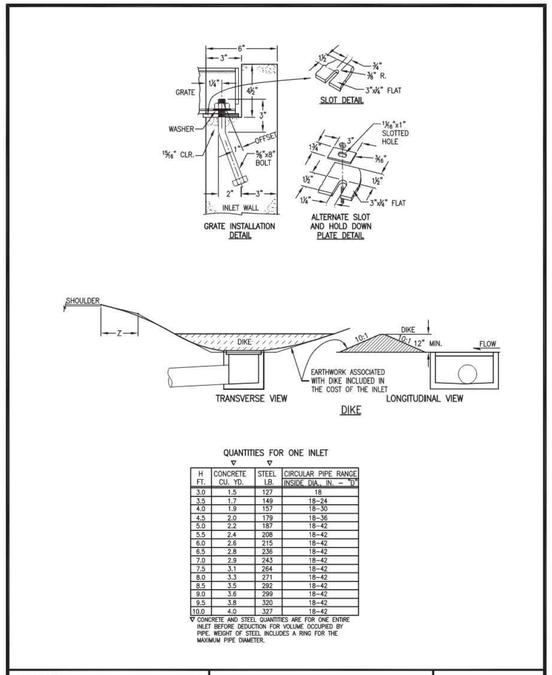


REFERENCE: CDOT M & S STANDARDS M-604-11

INLET TYPE D

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.36a**



QUANTITIES FOR ONE INLET ▽

H FT.	CONCRETE CU. YD.	STEEL LB.	CIRCULAR PIPE RANGE INSIDE DIA. IN. — "D"
3.0	1.5	127	18
3.5	1.7	149	18–24
4.0	1.9	157	18–30
4.5	2.0	179	18–36
5.0	2.2	187	18–42
5.5	2.4	208	18–42
6.0	2.6	215	18–42
6.5	2.8	236	18–42
7.0	2.9	243	18–42
7.5	3.1	264	18–42
8.0	3.3	271	18–42
8.5	3.5	292	18–42
9.0	3.6	299	18–42
9.5	3.8	320	18–42
10.0	4.0	327	18–42

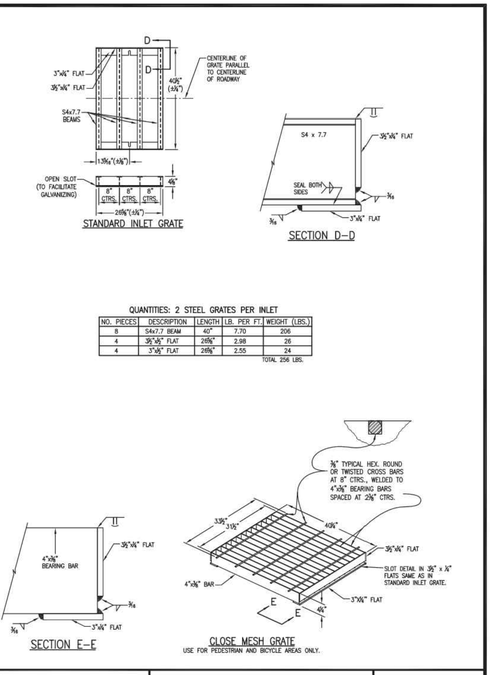
▽ CONCRETE AND STEEL QUANTITIES ARE FOR ONE ENTIRE INLET BEFORE DEDUCTION FOR VOLUME OCCUPIED BY PIPE. WEIGHT OF STEEL INCLUDES A RING FOR THE MAXIMUM PIPE DIAMETER.

REFERENCE: CDOT M & S STANDARDS M-604-11

INLET TYPE D

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.36b**



QUANTITIES: 2 STEEL GRATES PER INLET

NO. PIECES	DESCRIPTION	LENGTH	LB. PER FT.	WEIGHT (LBS.)
8	54x7.7 BEAM	40"	7.70	206
4	3⅝"x⅜" FLAT	26⅜"	2.98	26
4	3"x⅜" FLAT	26⅜"	2.55	24

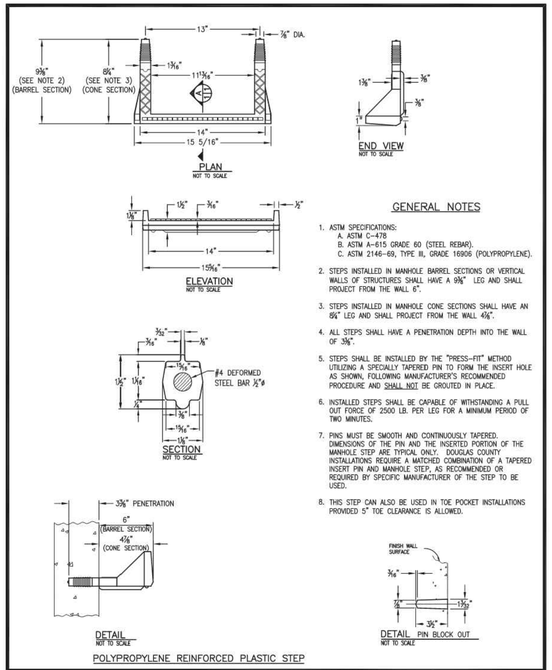
TOTAL 256 LBS.

REFERENCE: CDOT M & S STANDARDS M-604-11

INLET TYPE D

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.36c**



GENERAL NOTES

1. ASTM SPECIFICATIONS:
   A. ASTM C-478
   B. ASTM A-615 GRADE 60 (STEEL REBAR).
   C. ASTM 2146-69, TYPE III, GRADE 16906 (POLYPROPYLENE).
2. STEPS INSTALLED IN MANHOLE BARREL SECTIONS OR VERTICAL WALLS OF STRUCTURES SHALL HAVE A 9⅜" LEG AND SHALL PROJECT FROM THE WALL 6".
3. STEPS INSTALLED IN MANHOLE CONE SECTIONS SHALL HAVE AN 8¼" LEG AND SHALL PROJECT FROM THE WALL 4½".
4. ALL STEPS SHALL HAVE A PENETRATION DEPTH INTO THE WALL OF 3⅜".
5. STEPS SHALL BE INSTALLED BY THE "PRESS-FIT" METHOD UTILIZING A SPECIALLY TAPERED PIN TO FORM THE INSERT HOLE AS SHOWN, FOLLOWING MANUFACTURER'S RECOMMENDED PROCEDURE AND SHALL NOT BE GROUTED IN PLACE.
6. INSTALLED STEPS SHALL BE CAPABLE OF WITHSTANDING A PULL OUT FORCE OF 2500 LB. PER LEG FOR A MINIMUM PERIOD OF TWO MINUTES.
7. PINS MUST BE SMOOTH AND CONTINUOUSLY TAPERED. DIMENSIONS OF THE PIN AND THE INSERTED PORTION OF THE MANHOLE STEP ARE TYPICAL ONLY. DOUGLAS COUNTY INSTALLATIONS REQUIRE A MATCHED COMBINATION OF A TAPERED INSERT PIN AND MANHOLE STEP, AS RECOMMENDED OR REQUIRED BY SPECIFIC MANUFACTURER OF THE STEP TO BE USED.
8. THIS STEP CAN ALSO BE USED IN TOE POCKET INSTALLATIONS PROVIDED 5" TOE CLEARANCE IS ALLOWED.

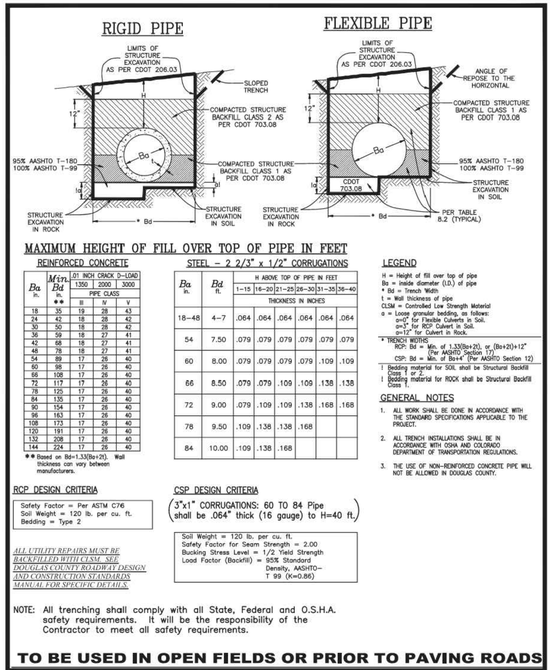
POLYPROPYLENE REINFORCED PLASTIC STEP

REFERENCE: CITY AND COUNTY OF DENVER DRAWING NUMBER S-750

MANHOLE AND INLET STEPS

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.45**



MAXIMUM HEIGHT OF FILL OVER TOP OF PIPE IN FEET

REINFORCED CONCRETE

Ba in.	Min Bd ft. **	.01 INCH CRACK D-LOAD PIPE CLASS II	III	IV	V
18	35	19	28	43	
24	42	18	28	42	
30	50	18	28	42	
36	59	18	27	41	
42	68	18	27	41	
48	78	18	27	41	
54	89	17	26	40	
60	98	17	26	40	
66	108	17	26	40	
72	117	17	26	40	
78	125	17	26	40	
84	135	17	26	40	
90	154	17	26	40	
96	163	17	26	40	
108	173	17	26	40	
120	191	17	26	40	
132	208	17	26	40	
144	224	17	26	40	

** Based on Bd=1.33(Ba+2t). Wall thickness can vary between manufacturers.

STEEL – 2 2/3" x 1/2" CORRUGATIONS

Ba in.	Bd ft.	H ABOVE TOP OF PIPE IN FEET 1–15	16–20	21–25	26–30	31–35	36–40
		THICKNESS IN INCHES					
18–48	4–7	.064	.064	.064	.064	.064	.064
54	7.50	.079	.079	.079	.079	.079	.079
60	8.00	.079	.079	.079	.079	.109	.109
66	8.50	.079	.079	.109	.109	.138	.138
72	9.00	.079	.109	.109	.138	.168	.168
78	9.50	.109	.138	.138	.168		
84	10.00	.109	.138	.168			

LEGEND

H = Height of fill over top of pipe
Ba = Inside diameter (I.D.) of pipe
* Bd = Trench Width
t = Wall thickness of pipe
CLSM = Controlled Low Strength Material
n = Loose granular bedding, as follows:
n=0" for Flexible Culverts in Soil.
n=3" for RCP Culvert in Soil.
n=12" for Culvert in Rock.
* TRENCH WIDTHS
RCP: Bd = Min. of 1.33(Ba+2t), or (Ba+2t)+12" (Per AASHTO Section 17)
CSP: Bd = Min. of Ba+4" (Per AASHTO Section 12)
! Bedding material for SOIL shall be Structural Backfill Class 1 or 2.
! Bedding material for ROCK shall be Structural Backfill Class 2.

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS APPLICABLE TO THE PROJECT.
2. ALL TRENCH INSTALLATIONS SHALL BE IN ACCORDANCE WITH OSHA AND COLORADO DEPARTMENT OF TRANSPORTATION REGULATIONS.
3. THE USE OF NON-REINFORCED CONCRETE PIPE WILL NOT BE ALLOWED IN DOUGLAS COUNTY.

RCP DESIGN CRITERIA

Safety Factor = Per ASTM C76
Soil Weight = 120 lb. per cu. ft.
Bedding = Type 2

CSP DESIGN CRITERIA

3"x1" CORRUGATIONS: 60 TO 84 Pipe shall be .064" thick (16 gauge) to H=40 ft.

Soil Weight = 120 lb. per cu. ft.
Safety Factor for Seam Strength = 2.00
Buckling Stress Level = 1/2 Yield Strength
Load Factor (Backfill) = 95% Standard Density, AASHTO–T 99 (K=0.86)

ALL UTILITY REPAIRS MUST BE BACKFILLED WITH CLSM. SEE DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS MANUAL FOR SPECIFIC DETAILS.

NOTE: All trenching shall comply with all State, Federal and O.S.H.A. safety requirements. It will be the responsibility of the Contractor to meet all safety requirements.

TO BE USED IN OPEN FIELDS OR PRIOR TO PAVING ROADS

APPROVED BY DOUGLAS COUNTY
Janet Herman
JANET HERMAN, P.E.
DIRECTOR OF PUBLIC WORKS
ENGINEERING
DATE 06/18/2021

PIPE INSTALLATION IN TRENCH

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised: 05/2021
Drawing No. **SP.46a**

NOTES:

1. This trench backfill detail specifies requirements in addition to those specified in the latest edition of the Colorado Department of Transportation's Standard Specifications for Road and Bridge Construction.
2. A construction traffic control plan shall be submitted to and approved by Douglas County prior to issuance of construction permits in the County right-of-way.
3. Trench shall be braced or shored as necessary for the safety of the workers and protection of other utilities or structures in accordance with applicable local, state and federal safety regulations.
4. The trench width shall be confined to those minimum dimensions, which will permit proper installation and acceptable pipe loading, as established by current local, state and federal Safety regulations.
5. Backfill compaction requirements: Minimum density will be determined in accordance with AASHTO T 99 or T 180 as defined by CDOT Standard Specifications Section 203.07 and CDOT 703.03. Except for CLSM.
6. Pavement edges shall be saw-cut. Edges shall be tack coated prior to patching.
7. All storm sewers shall be constructed so that a minimum cover is maintained to withstand AASHTO HS-20 loading on the pipe. The minimum cover to withstand live loading depends upon the pipe size, type and class, and soil bedding condition, but shall be not less than 1-foot at any point along the pipe. Other factors that affect the depth of the pipe are hydraulic grade line elevations, inlet depths, adjacent utilities or utility crossings, including water and sewer services lines along residential streets, and connections to existing storm sewer systems. The roadway subgrade, which supports the pavement section is typically plowed to a certain depth, moisture treated and compacted prior to the placement of the sub–base, base course, and surfacing. There are also instances where the subgrade material must be excavated and replaced or treated to a certain depth to mitigate swelling soils. These efforts can impact the storm sewer system if it has not been designed with adequate depth. The design engineer shall use the best information available, including pavement design or soils reports (if available) to ensure that storm sewer pipes have adequate depth.
8. Changes in design criteria will require compensating change in pipe design.
9. When pipe sewer is to be extended or replaced with pipe of different material, the connections shall conform to the detail shown on plans or be approved through Douglas County Engineering.
10. When two or more conduits are laid side–by–side, they shall be placed so that they are ½ outside diameter, or ½ outside span, or 3' apart, whichever is less. However, if end sections are used, the minimum spacing shall be 1' between the outside edge of end sections.
11. TRENCH INSTALLATION (per OSHA Standards):
    a. Trenches over 5 feet in depth shall be either shored or the trench walls shall be sloped no steeper than 3:1 to the angle of repose. If sloped, the bottom of the slope shall be a minimum of 1 foot above the top of the pipe.
    b. Shoring will be required when the bottom of the slope is more than 3 feet above the bottom of the trench.
    c. All sheeting or shoring to be removed.
12. CLSM may be used in place of Structural Backfill.
13. CLSM shall not exceed a strength over 100 p.s.i.

REFERENCE: Douglas County Drainage Manual and Colorado Department of Transportation "M" Standards.

TO BE USED IN OPEN FIELDS OR PRIOR TO PAVING ROADS

APPROVED BY DOUGLAS COUNTY
Janet Herman
JANET HERMAN, P.E.
DIRECTOR OF PUBLIC WORKS
ENGINEERING
DATE 06/18/2021

PIPE INSTALLATION IN TRENCH NOTES

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised: 05/2021
Drawing No. **SP.46b**

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Owner
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

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Denver, CO 80202
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tel 303.831.4010

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tel 303.431.6100

Thornton Tomasetti
Structural Engineers
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Azure Engineering LLC
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Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

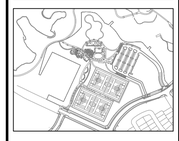
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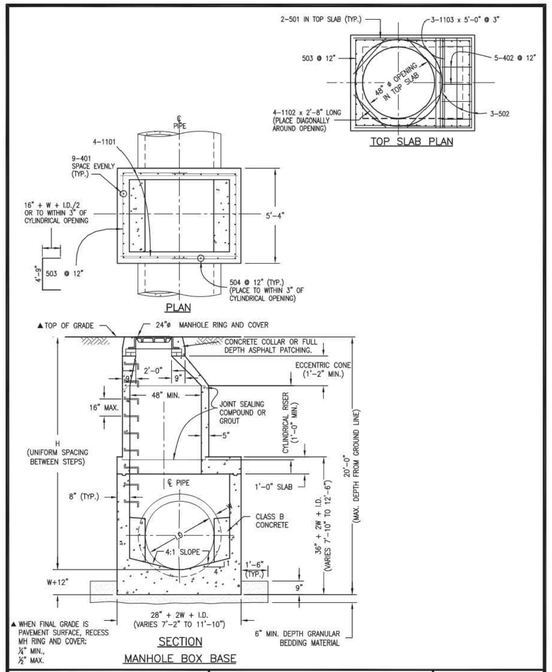


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description
STORM SEWER DETAILS

Sheet number
C4.52



REFERENCE: CDOT M & S STANDARDS M-604-20

MANHOLES

DOUGLAS COUNTY COLORADO

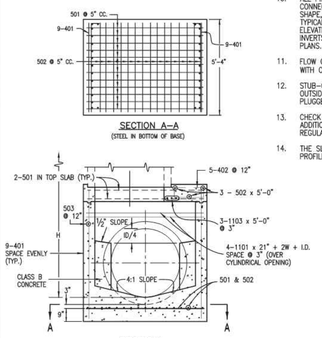
Issued: 05/2013

Revised:

Drawing No. **SP.43a**

GENERAL NOTES

1. SINCE ALL PIPE ENTRIES INTO THE BASE ARE VARIABLE, THE DIMENSIONS SHOWN ARE TYPICAL. ACTUAL DIMENSIONS AND QUANTITIES FOR CONCRETE AND REINFORCEMENT SHALL BE AS REQUIRED IN THE WORK.
2. THE PRECAST FLAT TOP MAY BE USED ON ANY MANHOLE. THE ECCENTRIC CONE MAY BE USED WHEN THE MANHOLE "H" HEIGHT IS AT LEAST 8'.
3. THE MH RING (FRAME) SHALL BE SET ON CONCRETE GRADE RINGS. THE FRAME SHALL BE SURROUNDED WITH A CONCRETE COLLAR IN UNPAVED AREA AND CONCRETE PAVEMENT, OR FULL DEPTH ASPHALT IN ASPHALT PAVEMENT. SEE DETAILS ON SHEETS 2 AND 3.
4. DESIGN OF BOX BASE IS BASED ON STRAIGHT RUNS OF CONDUIT OR CHANGE IN DIRECTION OF LESS THAN 45°. SPECIAL DESIGN IS REQUIRED FOR 45° OR GREATER.
5. PRECAST MANHOLES AND REINFORCEMENT SHALL CONFORM TO ASTM C 478 (AASHTO M 199).
6. CAST-IN-PLACE MANHOLES SHALL BE CLASS D CONCRETE.
7. STEPS SHALL BE REQUIRED WHEN THE MANHOLE DEPTH EXCEEDS 3'-6" AND SHALL BE IN ACCORDANCE WITH AASHTO M 199.
8. ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI. VERTICAL STEEL SHALL BE PLACED AT ℄ OF WALL. ALL BARS SHALL HAVE A 2" MINIMUM CLEARANCE. ALL REINFORCING BARS SHALL BE EPOXY COATED.
9. IF ANY REBAR HAS TO BE CUT ON THE JOB SITE, THE EXPOSED BARE STEEL SHALL BE IMMEDIATELY COVERED WITH A MANUFACTURE APPROVED EPOXY PAINT PRIOR TO POUR.
10. ALL PIPE ENTRIES INTO THE BASE OF MANHOLE SHALL BE CONNECTED BY OPEN CHANNELIZATION ADJUSTED FOR PIPE SIZE, SHAPE, SLOPE, AND DIRECTION OF FLOW. DETAILS SHOWN ARE TYPICAL FOR INSTALLATIONS WITH ALL INVERTS OF SAME RELATIVE ELEVATION. FOR EXCESSIVE ELEVATION DIFFERENCE BETWEEN INVERTS, SPECIAL BASE/CHANNEL DETAILS WILL BE SHOWN ON THE PLANS.
11. FLOW CHANNELS AND INVERTS SHALL BE FORMED BY SHAPING WITH CLASS B CONCRETE.
12. STUB-OUTS SHALL EXTEND A MINIMUM OF 1 PIPE SECTION BEYOND OUTSIDE WALL SURFACE OF MANHOLE AND BE SATISFACTORILY PLUGGED.
13. CHECK WITH THE LOCAL GOVERNMENT AUTHORITY FOR ANY ADDITIONAL SANITARY SEWER SPECIFICATIONS, DETAILS, OR REGULATIONS.
14. THE SLOPE OF THE MANHOLE COVER SHALL MATCH THE ROADWAY PROFILE AND CROSS SLOPE.



REFERENCE: CDOT M & S STANDARDS M-604-20

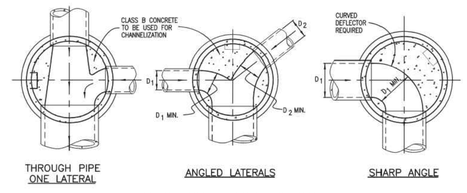
MANHOLES

DOUGLAS COUNTY COLORADO

Issued: 05/2013

Revised:

Drawing No. **SP.43b**



TYPICAL CHANNELIZATION DETAILS

QUANTITIES FOR CONCRETE MANHOLE BOX BASE

MARK	SIZE	TYPE	WT. #/FT.	BARS	I.D. 60"	66"	72"	84"	96"	FORMULAS
401	4	I	0.668	NO. REQ'D.	18	18	18	18	18	401
				LENGTH	8'-8"	9'-3"	9'-10"	11'-0"	12'-2"	BAR LENGTH = 32"+2W+I.D.
				WEIGHT #	104.2	111.2	118.2	132.3	146.3	
402	4	III	0.668	NO. REQ'D.	5	5	5	5	5	402
				LENGTH	6'-0"	6'-7"	7'-2"	8'-4"	9'-8"	BAR LENGTH = I.D. + 2W
				WEIGHT #	20.0	22.0	23.9	27.8	31.7	
501	5	I	1.043	NO. REQ'D.	17	17	17	17	17	501
				LENGTH	8'-0"	8'-7"	9'-2"	10'-4"	11'-6"	BAR LENGTH = 24" + I.D. + 2W
				WEIGHT #	141.8	152.2	162.5	183.2	203.9	
502	5	I	1.043	NO. REQ'D.	23	25	26	29	32	502
				LENGTH	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	NUMBER BARS REQ'D. = $3+\left(\frac{24+I.D.+2W}{@\ 5"}+1\right)$
				WEIGHT #	119.9	130.4	135.6	151.2	166.9	
503	5	II	1.043	NO. REQ'D.	16	18	18	20	24	503
				LENGTH	13'-5"	14'-0"	14'-7"	15'-9"	16'-11"	NUMBER BARS REQ'D. = $2\left(\frac{13+I.D.+2W}{@\ 12"}+1\right)$
				WEIGHT #	223.9	262.8	273.6	328.5	423.5	BAR LENGTH = 4'-9"+2(16+W+I.D./2)
504	5	I	1.043	NO. REQ'D.	14	14	16	18	20	504
				LENGTH	8'-8"	9'-3"	9'-10"	11'-0"	12'-2"	NUMBER BARS REQ'D. = $2\left(\frac{2W+I.D.-4}{@\ 12"}+1\right)$
				WEIGHT #	126.6	135.1	164.1	206.5	253.8	BAR LENGTH = 32"+2W+I.D.
1101	11	I	5.313	NO. REQ'D.	4	4	4	4	4	1101
				LENGTH	7'-9"	8'-4"	8'-11"	10'-1"	11'-3"	BAR LENGTH = 21" + I.D. + 2W
				WEIGHT #	164.7	177.1	189.5	214.3	239.1	
1102	11	I	5.313	NO. REQ'D.	4	4	4	4	4	BENDING
				LENGTH	2'-8"	2'-8"	2'-8"	2'-8"	2'-8"	TYPE I STRAIGHT
				WEIGHT #	56.7	56.7	56.7	56.7	56.7	
1103	11	I	5.313	NO. REQ'D.	3	3	3	3	3	TYPE II 4'-9" 16"+W+I.D./2
				LENGTH	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	
				WEIGHT #	79.7	79.7	79.7	79.7	79.7	
REINFORCING STEEL TOTAL #					1,037.5	1,127.2	1,204.0	1,380.2	1,601.6	TYPE III 12" 12" 7" I.D.+2W-38"
CONCRETE – CUBIC YARDS – TOTAL					6.6	7.3	8.0	9.5	11.1	

NOTE: QUANTITIES ARE BASED ON SAME SIZE PIPE ENTRANCE TO AND EXIT FROM BASE AND A 4 FT. MANHOLE ENTRANCE INTO TOP SLAB OF BASE.

REFERENCE: CDOT M & S STANDARDS M-604-20

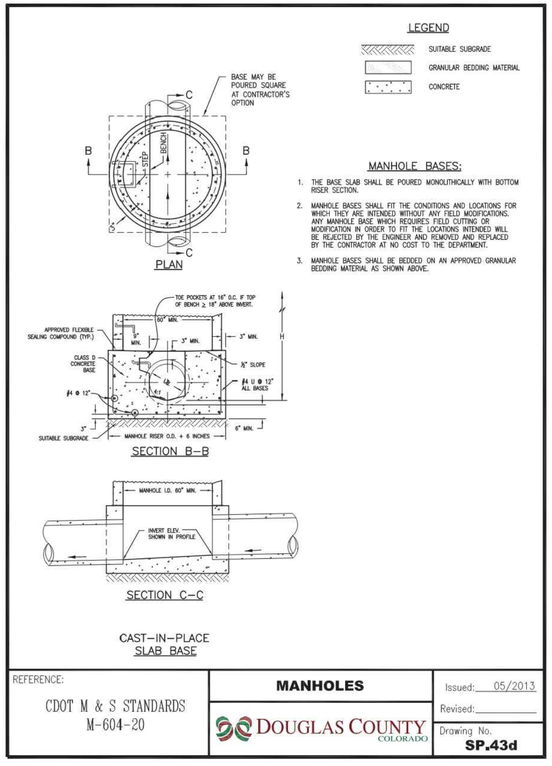
MANHOLES

DOUGLAS COUNTY COLORADO

Issued: 05/2013

Revised:

Drawing No. **SP.43c**



REFERENCE: CDOT M & S STANDARDS M-604-20

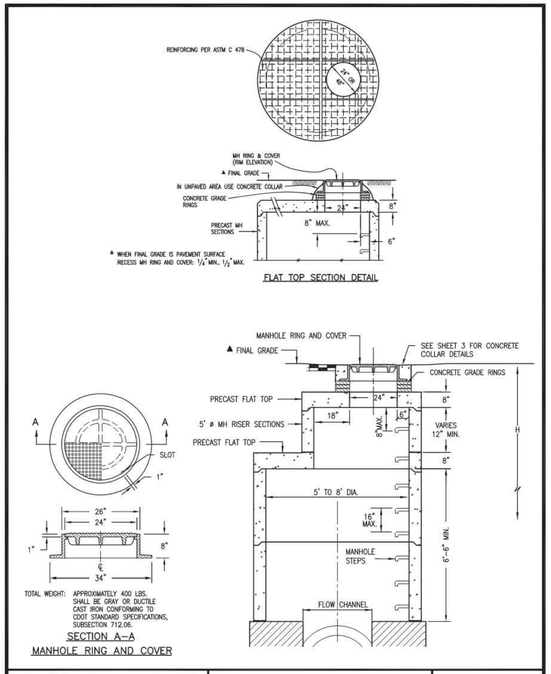
MANHOLES

DOUGLAS COUNTY COLORADO

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Drawing No. **SP.43d**



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MANHOLES

DOUGLAS COUNTY COLORADO

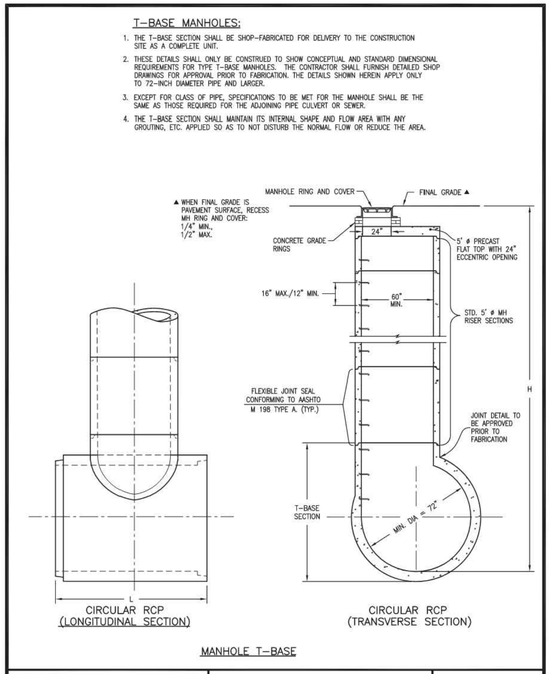
Issued: 05/2013

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Drawing No. **SP.43e**

T-BASE MANHOLES:

1. THE T-BASE SECTION SHALL BE SHOP-FABRICATED FOR DELIVERY TO THE CONSTRUCTION SITE AS A COMPLETE UNIT.
2. THESE DETAILS SHALL ONLY BE CONSTRUED TO SHOW CONCEPTUAL AND STANDARD DIMENSIONAL REQUIREMENTS FOR TYPE T-BASE MANHOLES. THE CONTRACTOR SHALL FURNISH DETAILED SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE DETAILS SHOWN HEREIN APPLY ONLY TO 72-INCH DIAMETER PIPE AND LARGER.
3. EXCEPT FOR CLASS OF PIPE, SPECIFICATIONS TO BE MET FOR THE MANHOLE SHALL BE THE SAME AS THOSE REQUIRED FOR THE ADJOINING PIPE CULVERT OR SEWER.
4. THE T-BASE SECTION SHALL MAINTAIN ITS INTERNAL SHAPE AND FLOW AREA WITH ANY GROUTING, ETC. APPLIED SO AS TO NOT DISTURB THE NORMAL FLOW OR REDUCE THE AREA.



MANHOLE T-BASE

REFERENCE: CDOT M & S STANDARDS M-604-20

MANHOLES

DOUGLAS COUNTY COLORADO

Issued: 05/2013

Revised:

Drawing No. **SP.43f**

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

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Client
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Park Operator
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OJB

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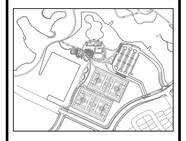
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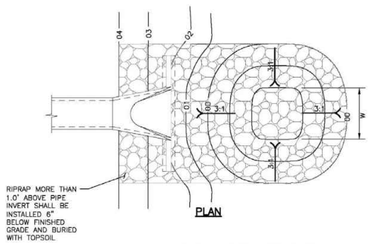
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

STORM SEWER DETAILS

Sheet number

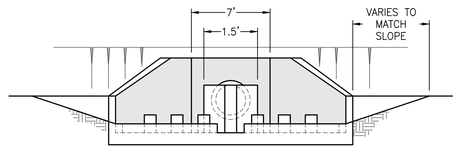
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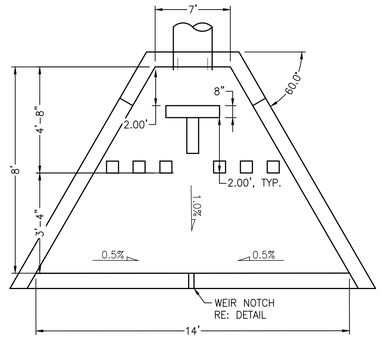
PIPE SIZE OR BOX HEIGHT	D	W*	L
18" – 24"	1'–0"	4'	15'
30" – 36"	1'–6"	6'	20'
42" – 48"	2'–0"	7'	24'
54" – 60"	2'–6"	8'	28'
66" – 72"	3'–0"	9'	32'

* IF OUTLET PIPE IS A BOX CULVERT WITH A WIDTH GREATER THAN W, THEN W = CULVERT WIDTH

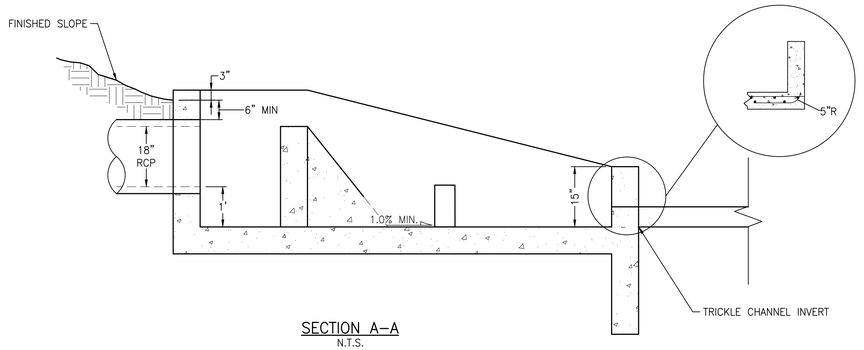
Figure 9-37. Low tailwater riprap basin



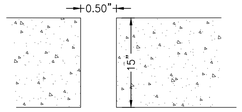
ELEVATION



PLAN

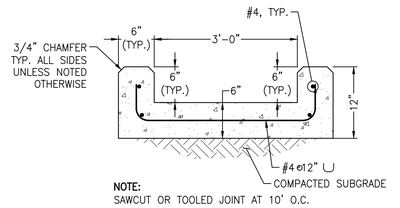


SECTION A–A
N.T.S.



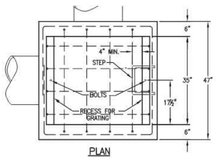
POND N2 FOREBAY
NOT TO SCALE

WEIR NOTCH DETAIL
NOT TO SCALE

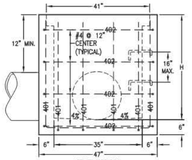


NOTE:
SAWCUT OR TOOLED JOINT AT 10' O.C.

TRICKLE CHANNEL CROSS-SECTION
NOT TO SCALE



PLAN



ELEVATION
CONCRETE INLET

QUANTITIES FOR ONE INLET

H	CONCRETE (CU. YDS.)	STEEL (LBS.)	NO. STEPS REQ'D.
2'–6"	0.9	75	0
3'–0"	1.0	80	0
3'–6"	1.2	96	0
4'–0"	1.3	101	1
4'–6"	1.4	116	2
5'–0"	1.5	122	2
5'–6"	1.7	137	2
6'–0"	1.8	142	3
6'–6"	1.9	158	3
7'–0"	2.0	163	3
7'–6"	2.2	179	4
8'–0"	2.3	184	4
8'–6"	2.4	199	4
9'–0"	2.5	205	5
9'–6"	2.7	220	5
10'–0"	3.0	235	6
11'–0"	3.4	251	6

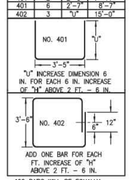
▼ PIPE INSIDE DIAMETER SHALL BE 30 IN. OR LESS. CONCRETE AND STEEL QUANTITIES ARE FOR ONE ENTIRE INLET BEFORE DEDUCTION FOR VOLUME OCCUPIED BY PIPE. WEIGHT OF STEEL INCLUDES A RING FOR THE MAXIMUM PIPE DIAMETER.

GENERAL NOTES

1. CONCRETE SHALL BE CLASS D. INLET SHALL BE CAST–IN–PLACE.
2. REINFORCING BARS SHALL BE EPOXY COATED AND DEFORMED #4, AND SHALL HAVE A MINIMUM 2 IN. CLEARANCE. CUT OR BEND AROUND PIPES AS REQUIRED. IF ANY REBAR HAS TO BE CUT ON THE JOB SITE, THE EXPOSED BARE STEEL SHALL BE IMMEDIATELY COVERED WITH A MANUFACTURE APPROVED EPOXY PAINT PRIOR TO POUR.
3. CONCRETE SLOPE PAVING SHALL INCLUDE FIBERMESH AT 1½ LBS/C.Y. OF CONCRETE.
4. STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED, AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
5. THE STANDARD INLET GRATES SHALL BE USED ON ALL TYPE C INLETS UNLESS CLOSE MESH GRATES ARE ACCEPTED BY DOUGLAS COUNTY THROUGH WRITTEN VARIANCE.
6. STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FT.–6 IN., AND SHALL CONFORM TO AASHTO M 199.
7. SEE STANDARD DETAIL SD–3, FOR REINFORCEMENT AROUND THE PIPE OPENING.
8. CONCRETE SLOPE AND DITCH PAVING WILL BE REQUIRED WHEN SHOWN ON PLANS.

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

MARK	NO. REQ'D.	HEIGHT	LENGTH
401	2	2'–3"	7'–11"
401	6	2'–7"	8'–7"
402	3	1'–4"	15'–0"



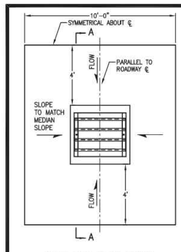
402 BARS WILL BE EQUALLY SPACED FROM EACH OTHER.

REFERENCE: CDOT M & S STANDARDS M-604-10

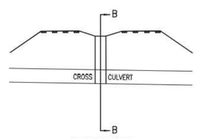
INLET TYPE C

DOUGLAS COUNTY COLORADO

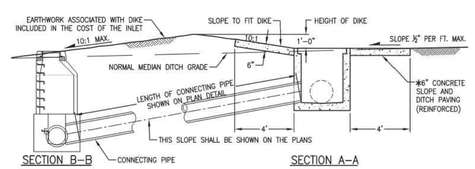
Issued: 05/2013
Revised:
Drawing No. **SP.35a**



INLET WITH DITCH PAVING



SECTION VIEW

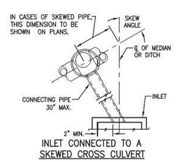


SECTION B–B

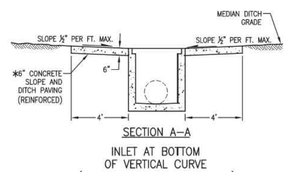
SECTION A–A

INLET CONNECTED TO A CROSS CULVERT

INLET ON GRADE (FLOW FROM ONE DIRECTION)



INLET CONNECTED TO A SKEWED CROSS CULVERT



SECTION A–A

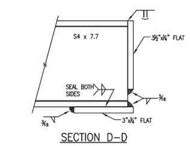
INLET AT BOTTOM OF VERTICAL CURVE (FLOW FROM TWO DIRECTIONS)

REFERENCE: CDOT M & S STANDARDS M-604-10

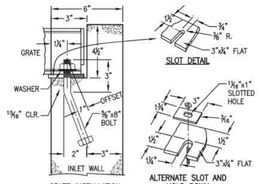
INLET TYPE C

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.35b**

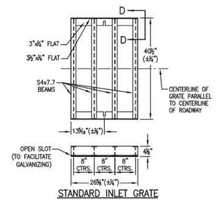


SECTION D–D

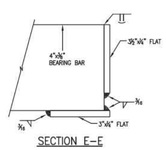


GRATE INSTALLATION DETAIL

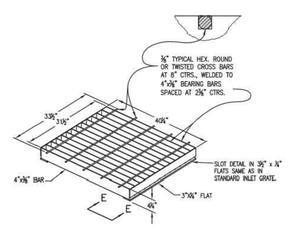
ALTERNATE SLOT AND HOLD DOWN PLATE DETAIL



STANDARD INLET GRATE



SECTION E–E



CLOSE MESH GRATE
USE FOR PEDESTRIAN AND BICYCLE AREAS ONLY.

REFERENCE: CDOT M & S STANDARDS M-604-10

INLET TYPE C

DOUGLAS COUNTY COLORADO

Issued: 05/2013
Revised:
Drawing No. **SP.35c**

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB
OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.875.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

illume
Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

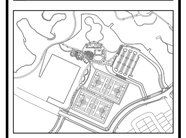
Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

RSM Design
Branding, Signage & Wayfinding
tel 949.492.9479

Peregrine Fire
Fire Protection Consultant & Wildfire Mitigation
tel 303.997.8875

Fountain Source
Water Feature Consultant
tel 303.997.8875

Roxbox
Container Architect
tel 303.997.8875

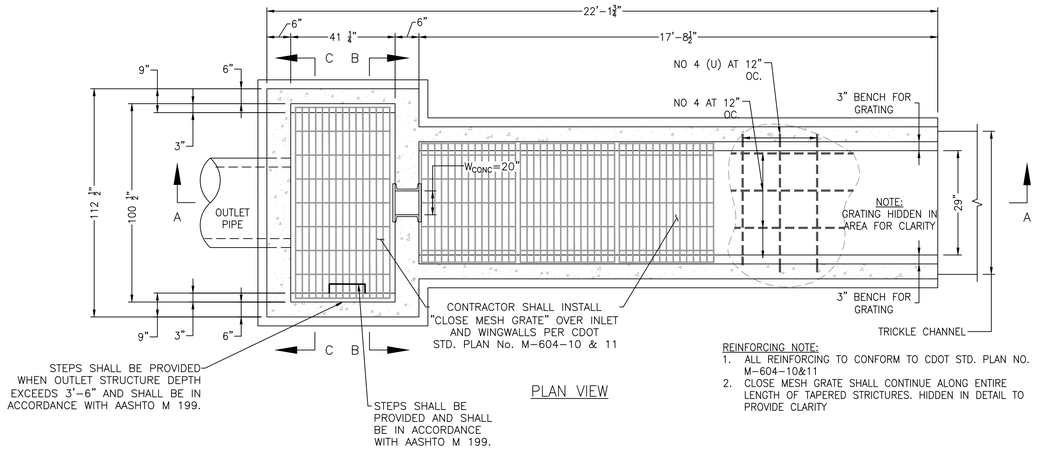


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

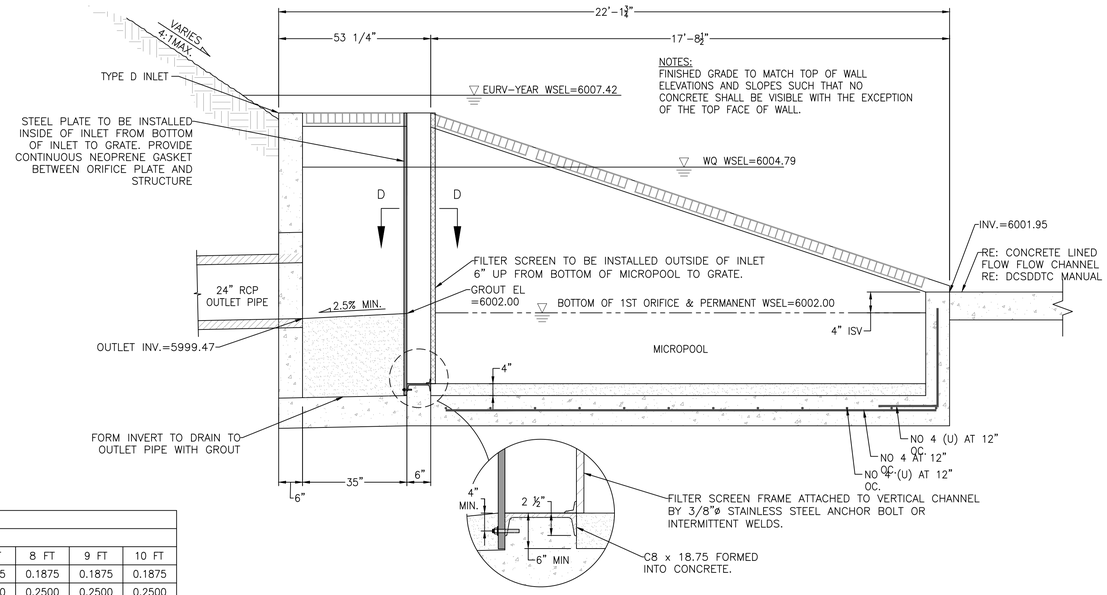
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STORM SEWER DETAILS

Sheet number
C4.60



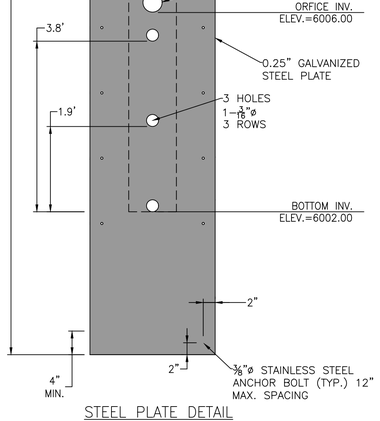
PLAN VIEW

REINFORCING NOTE:
1. ALL REINFORCING TO CONFORM TO CDOT STD. PLAN NO. M-604-10&11
2. CLOSE MESH GRATE SHALL CONTINUE ALONG ENTIRE LENGTH OF TAPERED STRICTURES. HIDDEN IN DETAIL TO PROVIDE CLARITY

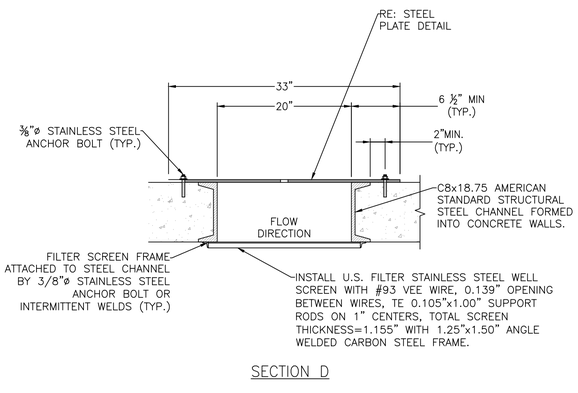


SECTION A

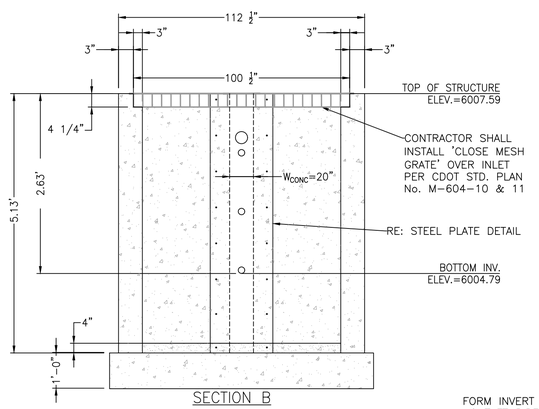
UDFCD UDSCM TABLE OS-2		STEEL PLATE THICKNESS: PLATE HEIGHT							
		3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT
PATE SPAN	1 FT	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875
	2 FT	0.1875	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500
	3 FT	0.2500	0.2500	0.3750	0.3750	0.3750	0.3750	0.3750	0.3750
	4 FT	0.2500	0.3750	0.3750	0.3750	0.3750	0.5000	0.5000	0.5000



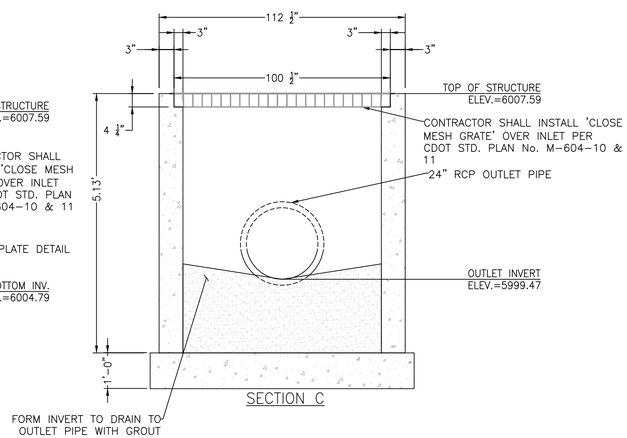
STEEL PLATE DETAIL



SECTION D



SECTION B



SECTION C

OUTLET STRUCTURE

NOT TO SCALE

EXTENDED DETENTION BASIN TABLE
BOTTOM OF POND = 6002.00
WQCV WSEL = 6004.79
EURV WSEL = 6007.42
SPILLWAY ELEVATION = 6008.49
EMERGENCY SPILLWAY WSEL = 6009.61
TOP OF POND = 6010.00
TOTAL VOLUME = 1.160 AC-FT

EURV POND N2

NOT TO SCALE

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

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Client
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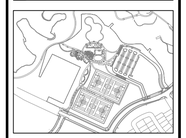
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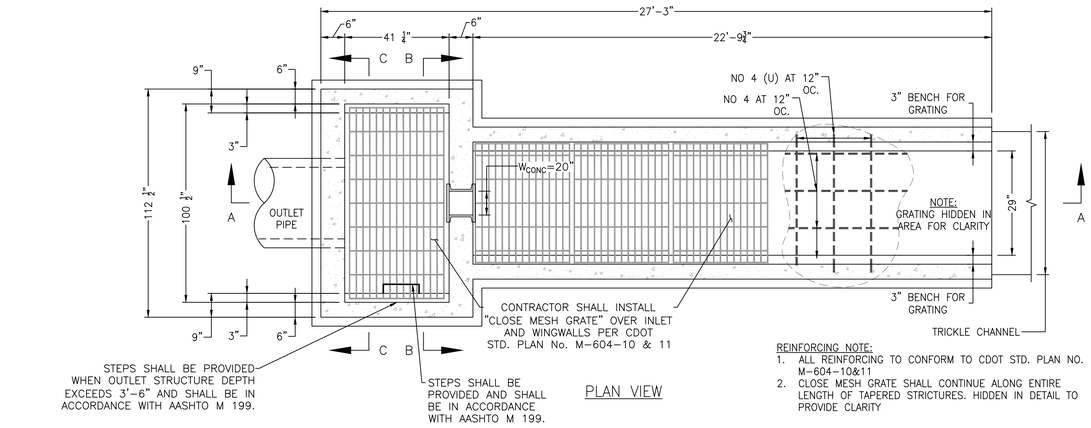


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

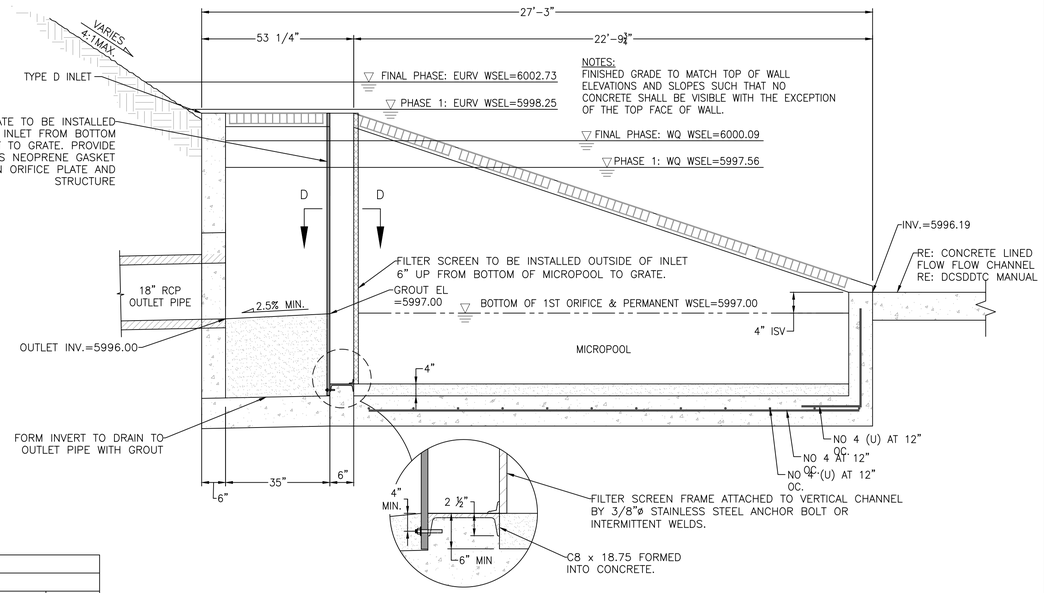
Sheet description
POND N2 DETAILS

Sheet number
C4.61

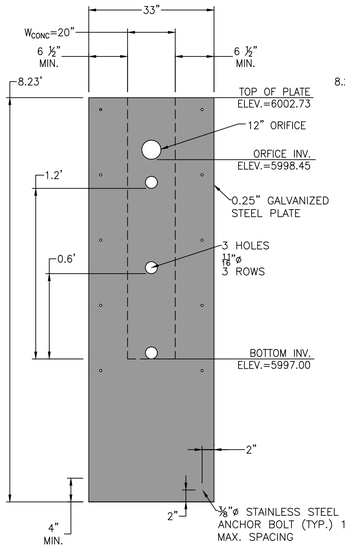


PLAN VIEW

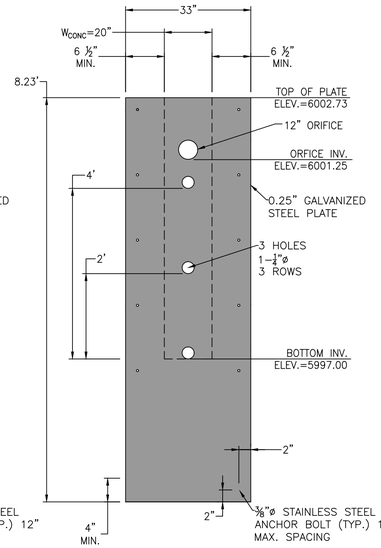
REINFORCING NOTE:
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2. CLOSE MESH GRATE SHALL CONTINUE ALONG ENTIRE LENGTH OF TAPERED STRICTURES. HIDDEN IN DETAIL TO PROVIDE CLARITY



SECTION A

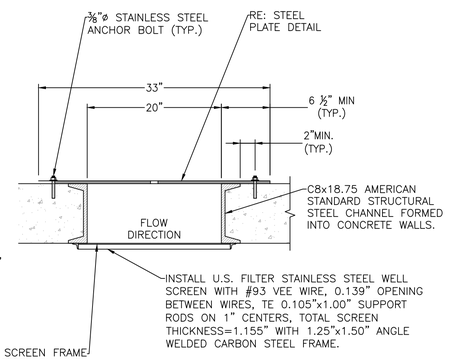


PHASE 1: STEEL PLATE DETAIL

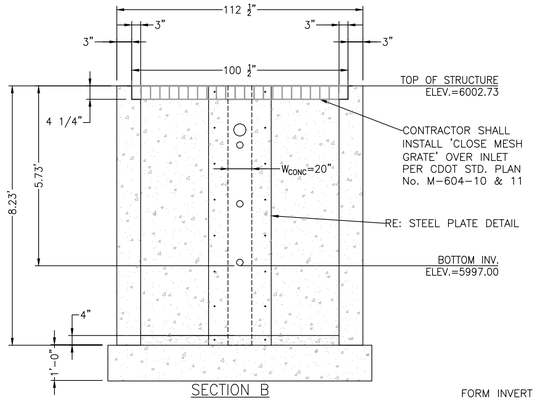


FINAL PHASE: STEEL PLATE DETAIL

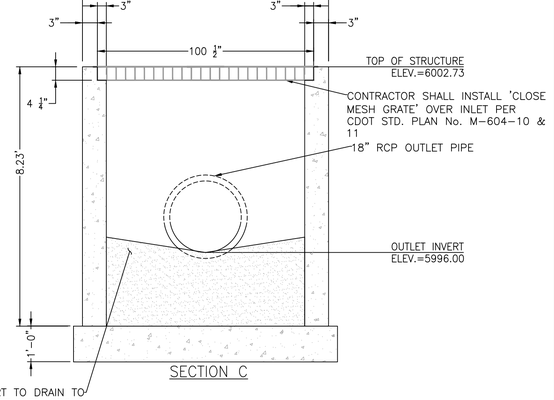
UDFCD USDCM TABLE OS-2		STEEL PLATE THICKNESS: PLATE HEIGHT							
		3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT
PATE SPAN	1 FT	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875
	2 FT	0.1875	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500
	3 FT	0.2500	0.2500	0.3750	0.3750	0.3750	0.3750	0.3750	0.3750
	4 FT	0.2500	0.3750	0.3750	0.3750	0.3750	0.5000	0.5000	0.5000



SECTION D



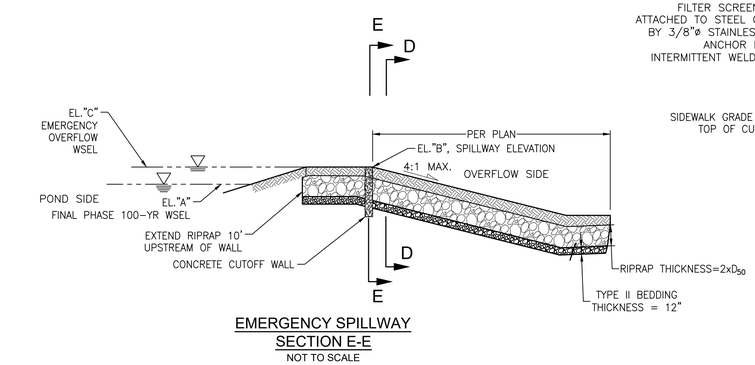
SECTION B



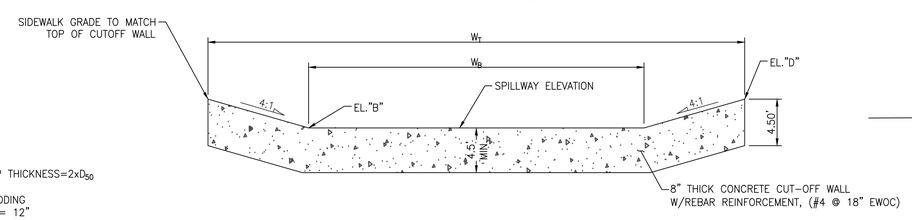
SECTION C

OUTLET STRUCTURE

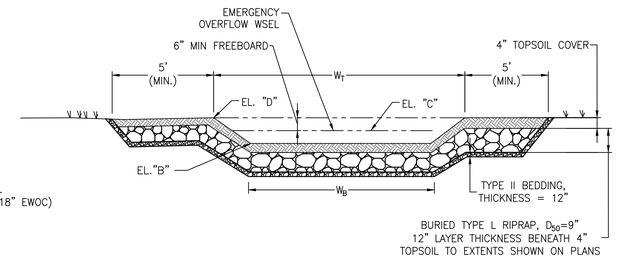
NOT TO SCALE



EMERGENCY SPILLWAY
SECTION E-E
NOT TO SCALE



CUT OFF WALL DETAIL
SECTION E-E
NOT TO SCALE



EMERGENCY SPILLWAY
SECTION D-D
NOT TO SCALE

FINAL PHASE SPILLWAY TABLE							
POND	EL."A"	EL."B"	EL. "C"	EL. "D"	W_B ft.	W_T ft.	FULL DISCHARGE CAPACITY (Q_{100}) (CFS)
EURV POND N3	6003.07	6003.73	6003.42	6004.73	32	44	20.6

NOTE:
1. CUT OFF WALL LENGTH IS FROM END POINT TO END POINT. ACTUAL LENGTH OF WALL WILL VARY BASED ON WALL CURVATURE & HORIZONTAL LAYOUT.

EXTENDED DETENTION BASIN TABLE
BOTTOM OF POND = 5997.00
PHASE 1 WQCV WSEL = 5997.56
PHASE 1 EURV WSEL = 5998.25
FINAL PHASE WQCV WSEL = 6000.09
FINAL PHASE EURV WSEL = 6002.73
SPILLWAY ELEVATION = 6003.75
EMERGENCY SPILLWAY WSEL = 6004.08
TOP OF POND = 6004.73
TOTAL VOLUME = 0.991 AC-FT

EURV POND N3

NOT TO SCALE

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

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illume
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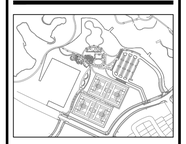
Shen Milsom & Wilke (SM&W)
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Container Architect
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NOT FOR CONSTRUCTION

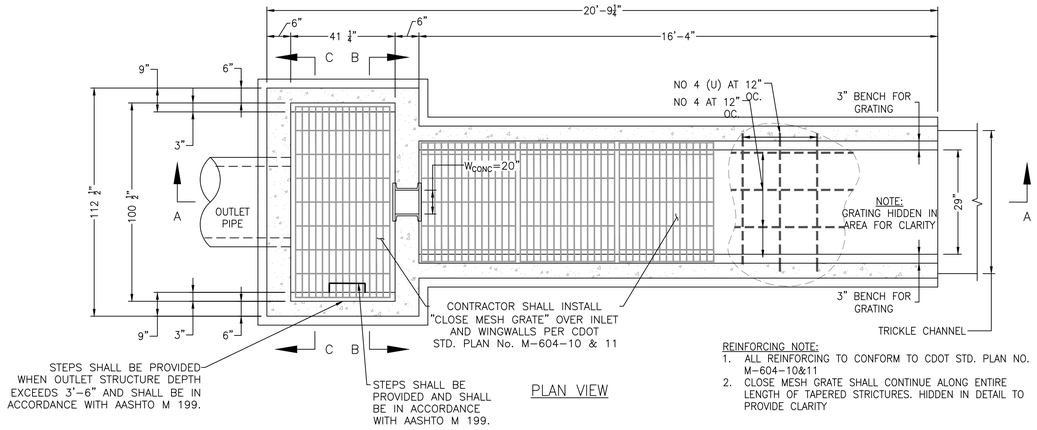
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

POND N3 DETAILS

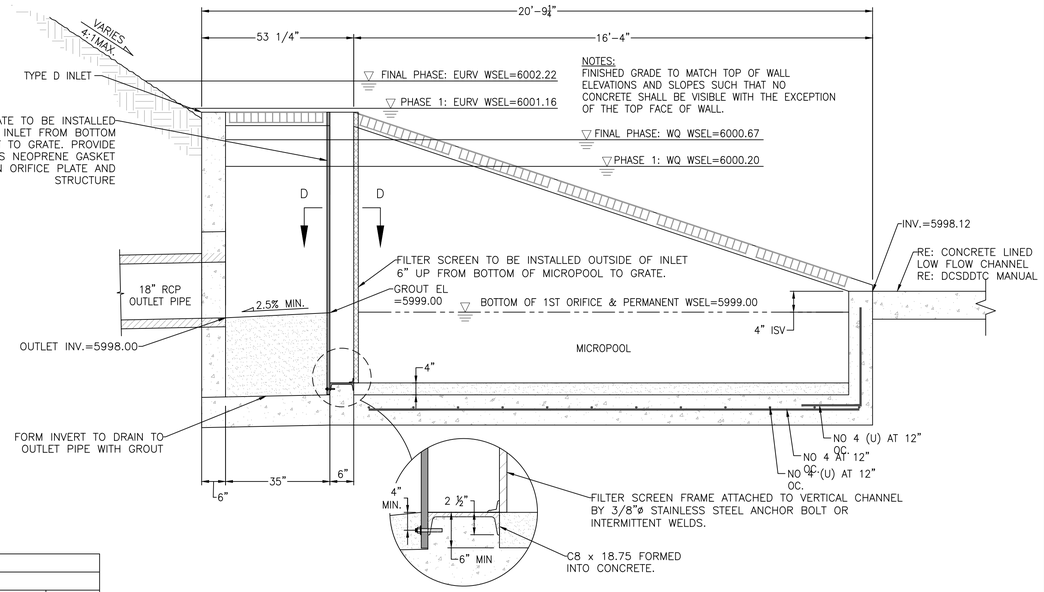
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C4.62

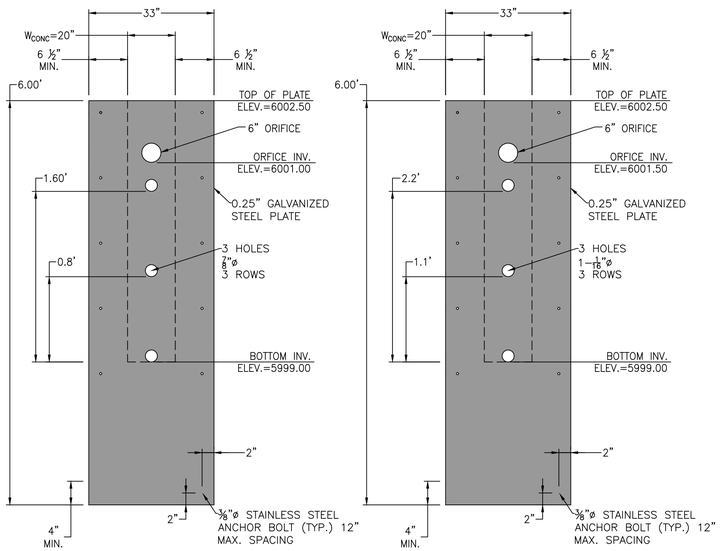


PLAN VIEW

REINFORCING NOTE:
1. ALL REINFORCING TO CONFORM TO CDOT STD. PLAN NO. M-604-10&11
2. CLOSE MESH GRATE SHALL CONTINUE ALONG ENTIRE LENGTH OF TAPERED STRICTURES. HIDDEN IN DETAIL TO PROVIDE CLARITY



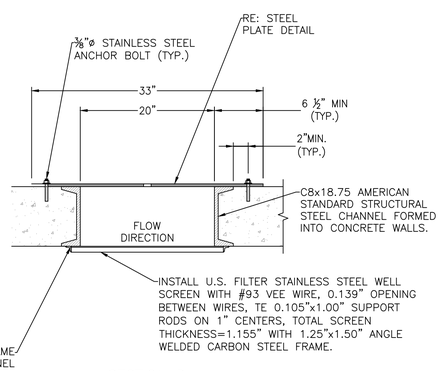
SECTION A



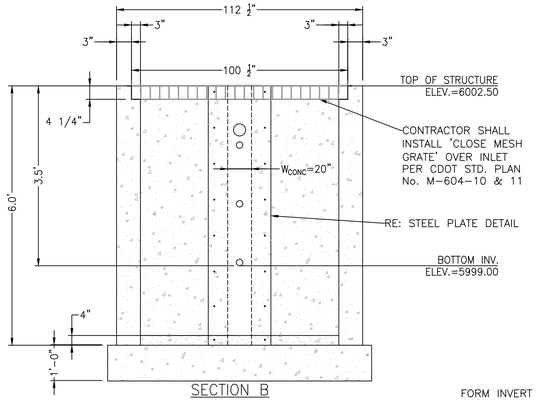
PHASE 1: STEEL PLATE DETAIL

FINAL PHASE: STEEL PLATE DETAIL

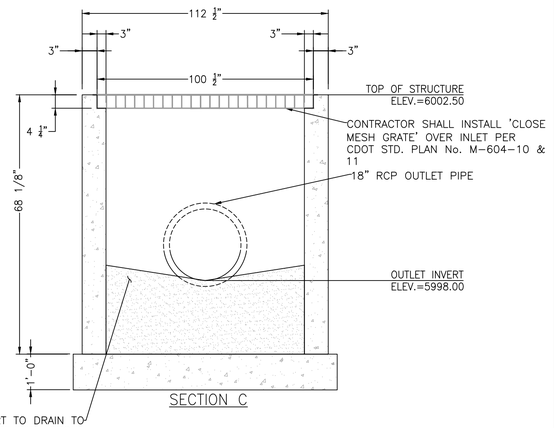
STEEL PLATE THICKNESS									
UDFCD UDSCM TABLE OS-2		PLATE HEIGHT							
		3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT
PATE SPAN	1 FT	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875
	2 FT	0.1875	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500
	3 FT	0.2500	0.2500	0.3750	0.3750	0.3750	0.3750	0.3750	0.3750
	4 FT	0.2500	0.3750	0.3750	0.3750	0.3750	0.5000	0.5000	0.5000



SECTION D



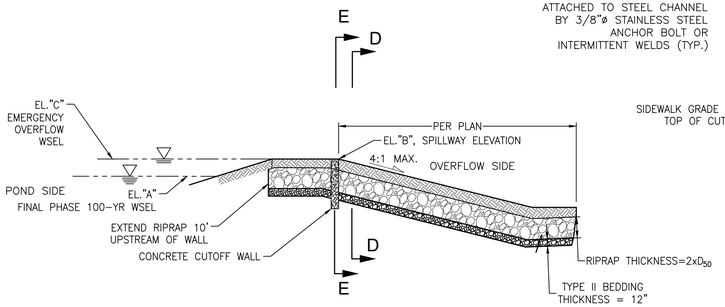
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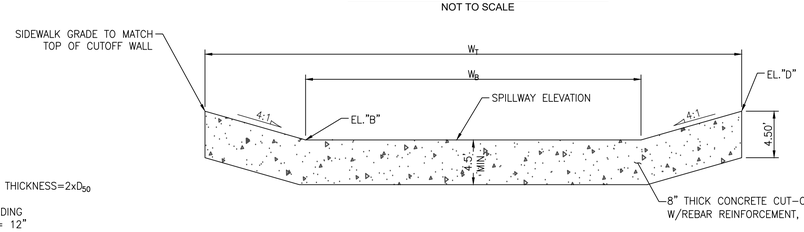
SECTION C

OUTLET STRUCTURE

NOT TO SCALE

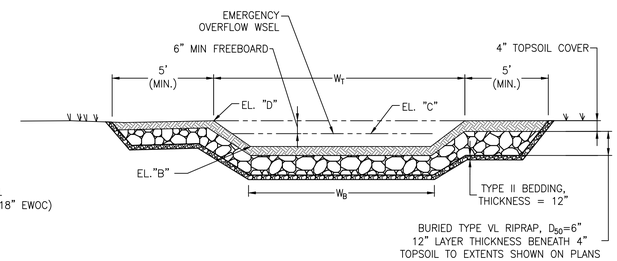


EMERGENCY SPILLWAY
SECTION E-E
NOT TO SCALE



CUT OFF WALL DETAIL
SECTION E-E
NOT TO SCALE

NOTE:
1. CUT OFF WALL LENGTH IS FROM END POINT TO END POINT. ACTUAL LENGTH OF WALL WILL VARY BASED ON WALL CURVATURE & HORIZONTAL LAYOUT.



FINAL PHASE SPILLWAY TABLE							
POND	EL."A"	EL."B"	EL. "C"	EL. "D"	W_B ft.	W_T ft.	FULL DISCHARGE CAPACITY (Q_{100}) (CFS)
N4	5999.00	6000.20	6001.16	6002.22	6.00	16.00	30.0

EXTENDED DETENTION BASIN TABLE
BOTTOM OF POND = 5999.00
PHASE 1 WQCV WSEL = 6000.20
PHASE 1 EURV WSEL = 6001.16
FINAL PHASE WQCV WSEL = 6000.67

EMERGENCY SPILLWAY
SECTION D-D
NOT TO SCALE

HIGH NOTE REGIONAL PARK

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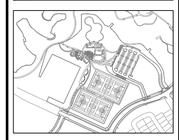
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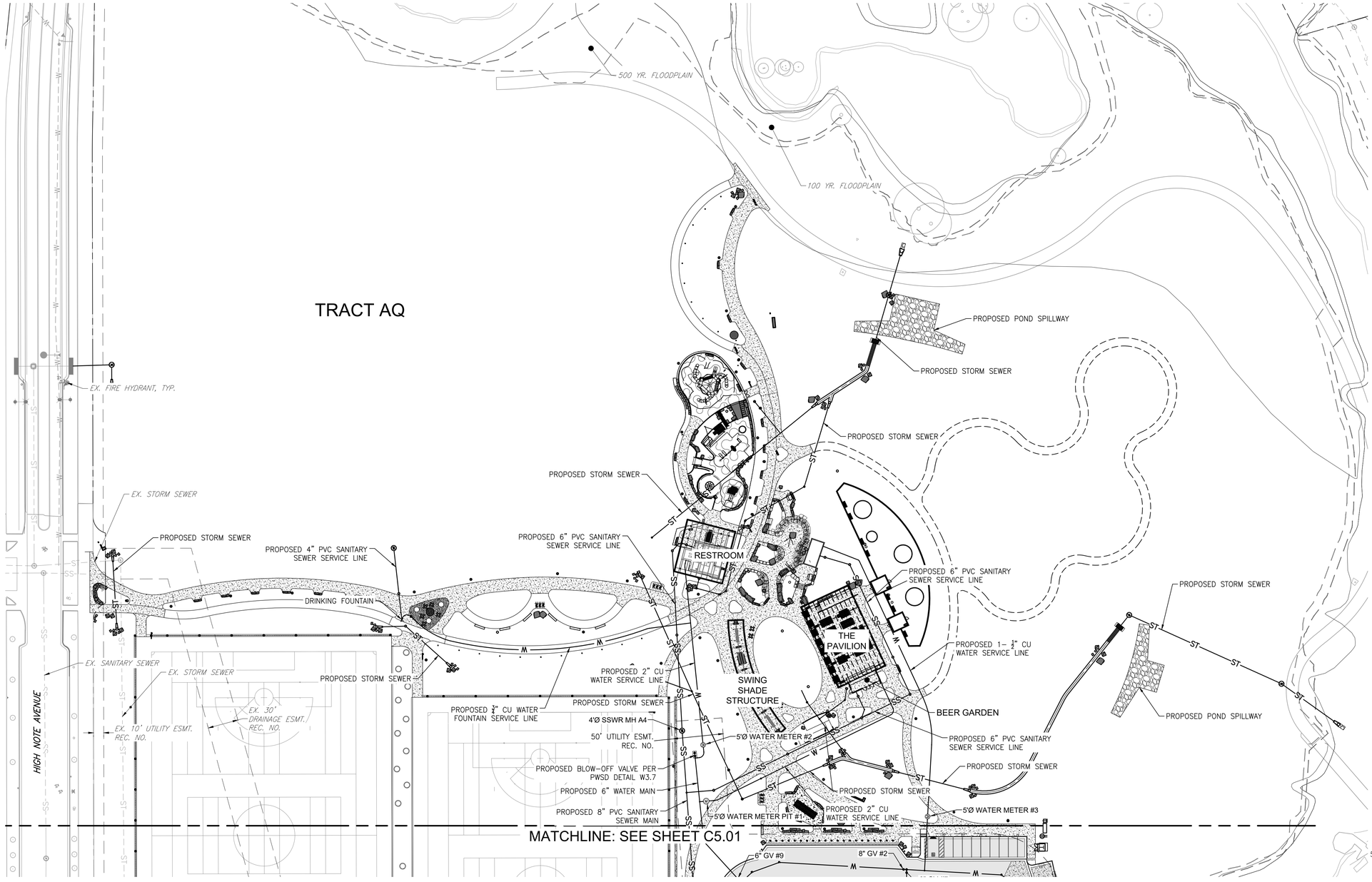


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

POND N4 DETAILS



BASIS OF BEARINGS:

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BENCHMARK:

VERTICAL DATA SHOWN ON THIS SURVEY IS BASED ON POINT #558 SHOWN ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022, BEING A 3-1/2" RTD BRASS CAP "PLS 24942". ELEV=6074.44 NAVD 88.

COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

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HIGH NOTE REGIONAL PARK

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Fountain Source
Water Feature Consultant
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Roxbox
Container Architect
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NOT FOR CONSTRUCTION

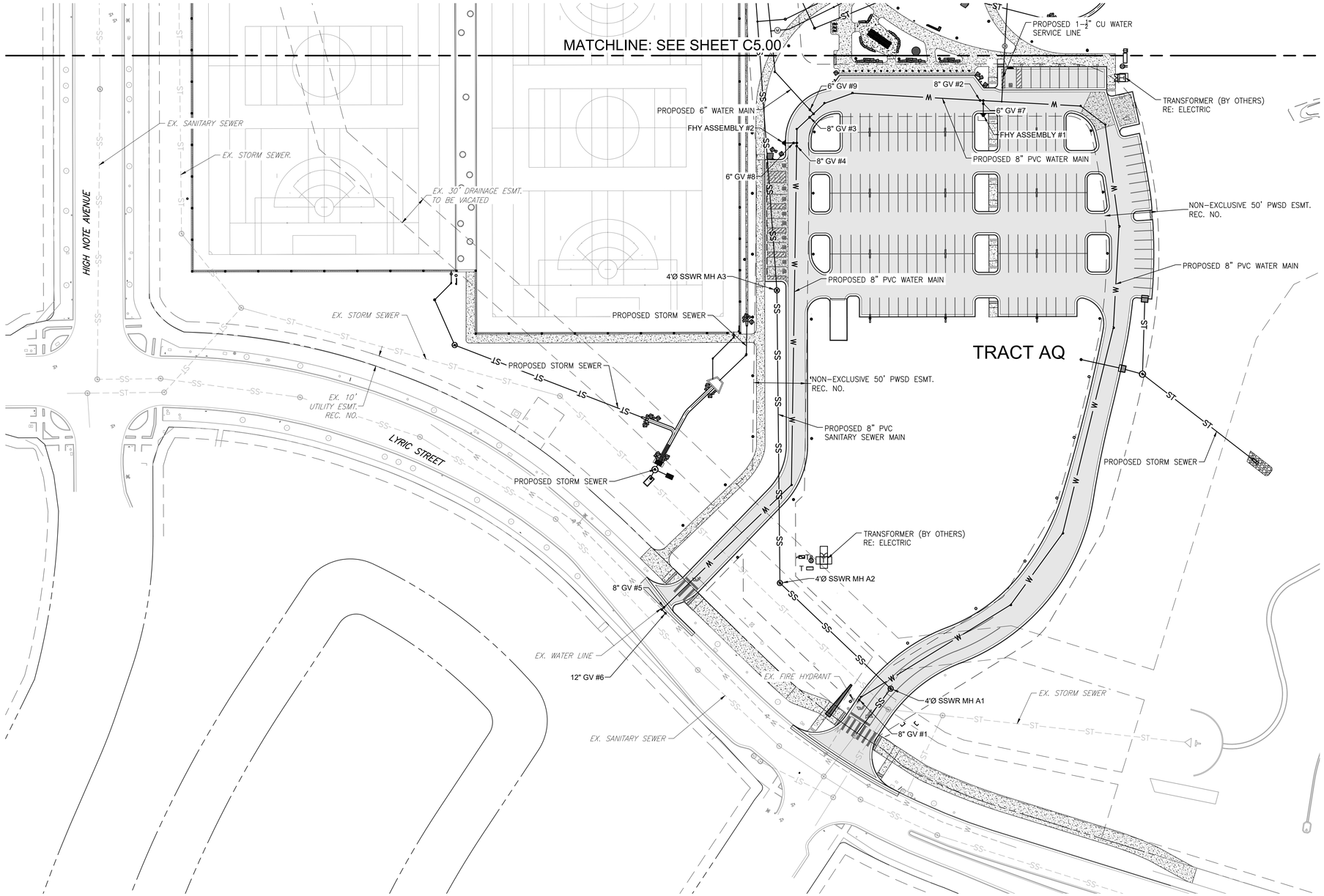
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	04/06/2026	CITY SUBMITTAL

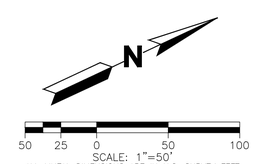
Sheet description

OVERALL UTILITY PLAN

Sheet number

C5.00





BASIS OF BEARINGS:

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HIGH NOTE REGIONAL PARK

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A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

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Owner
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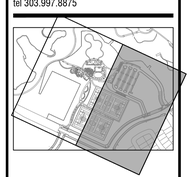
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NOT FOR CONSTRUCTION

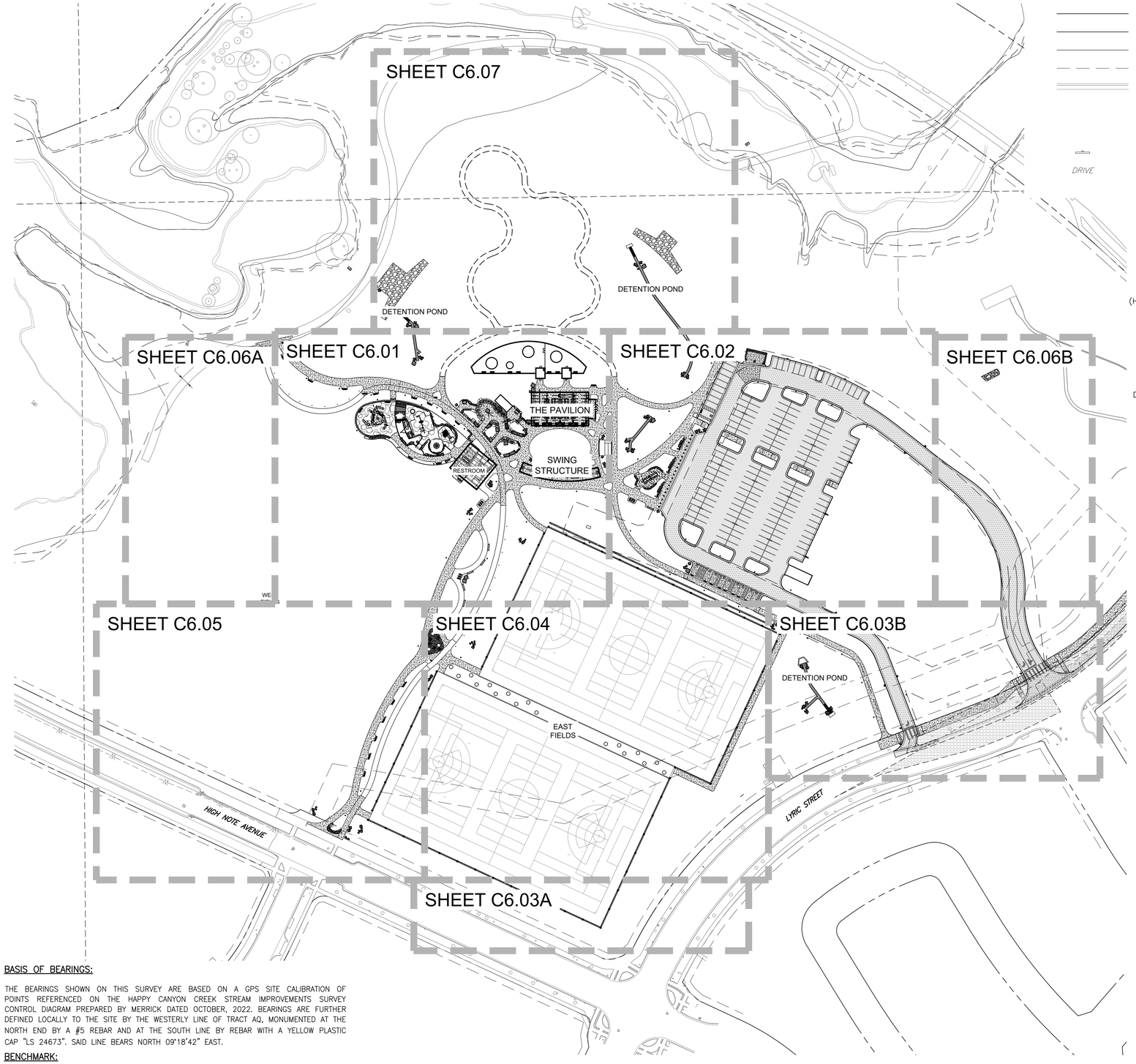
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	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

OVERALL UTILITY PLAN

Sheet number

C5.01

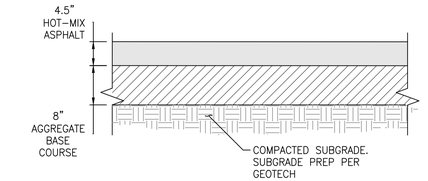


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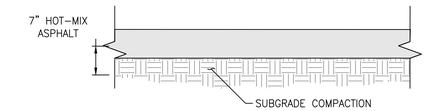
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	PROPERTY LINE	
	RIGHT–OF–WAY LINE	
	SECTION LINE	
	EASEMENT	
	CURB & GUTTER	
	CURB & GUTTER (SPILL)	
	CURB & GUTTER (CATCH)	
	SIGN	
DRIVE	DESCRIPTIONS	DRIVE
	ASPHALT PAVEMENT	
	SIDEWALK RE: LANDSCAPE	
	CONCRETE PAVEMENT	
	FIRE LANE (HEAVY DUTY PAVEMENT)	
	SNOW STORAGE	
	TRAIL RE: LANDSCAPE	
	DECORATIVE CONCRETE RE: LANDSCAPE	

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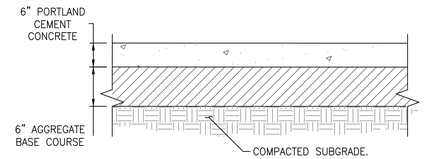
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SCALE: 1"=80'
ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET



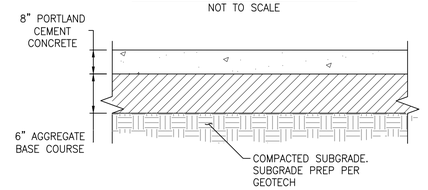
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NOT TO SCALE



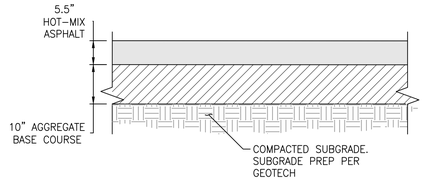
ASPHALT PAVEMENT SECTION (FULL DEPTH)
NOT TO SCALE



CONCRETE PAVEMENT SECTION
NOT TO SCALE



HEAVY DUTY CONCRETE PAVEMENT SECTION
NOT TO SCALE



HEAVY DUTY ASPHALT PAVEMENT SECTION (COMPOSITE)
NOT TO SCALE

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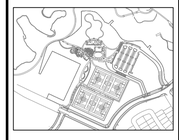
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Rev	Date	Description
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	04/06/2026	CITY SUBMITTAL

Sheet description
OVERALL HORIZONTAL CONTROL PLAN

Sheet number
C6.00

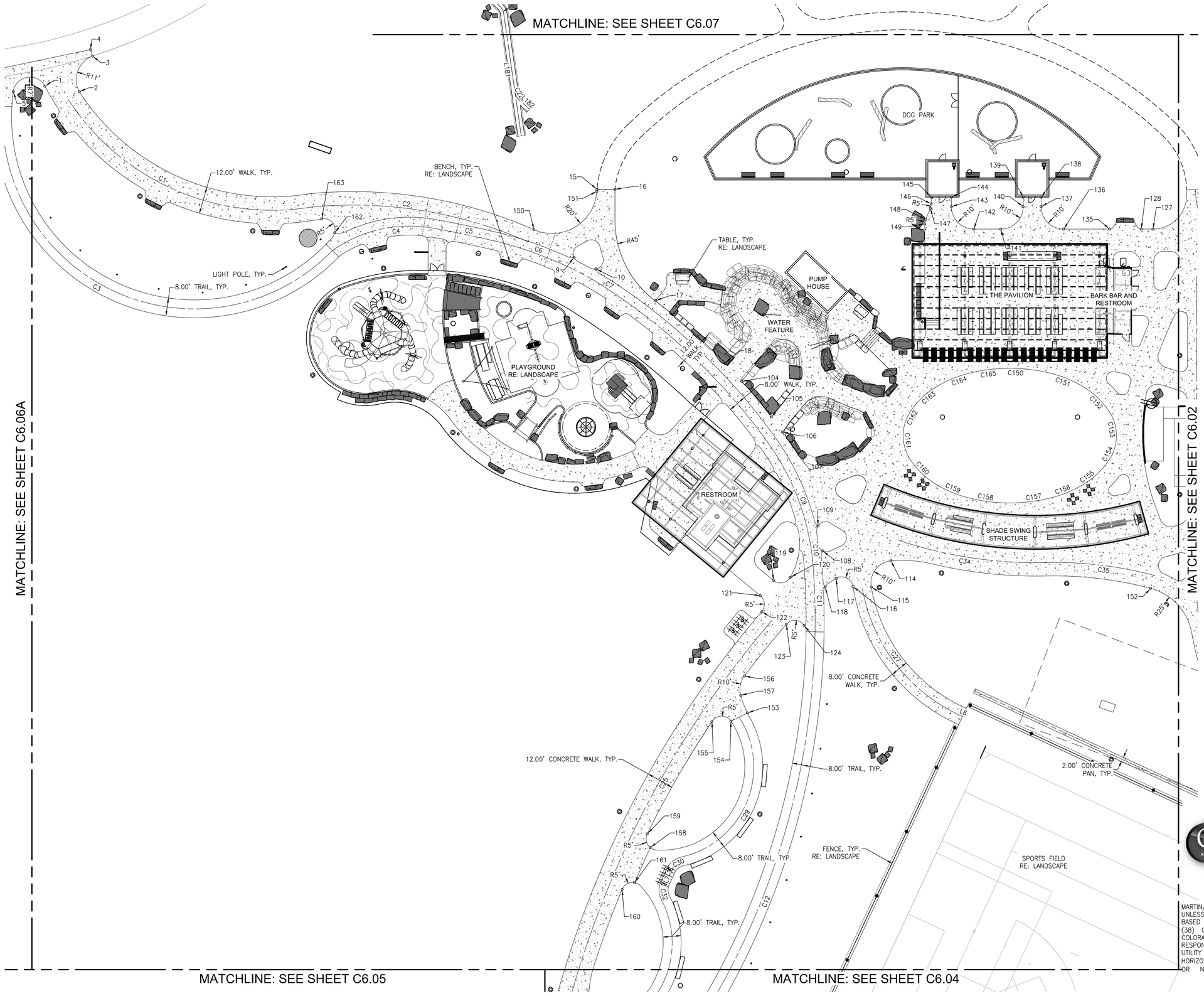
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MATCHLINE: SEE SHEET C6.06A

MATCHLINE: SEE SHEET C6.02

MATCHLINE: SEE SHEET C6.05

MATCHLINE: SEE SHEET C6.04



BASIS OF BEARINGS:

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BENCHMARK:

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N

20 10 0 20 40
SCALE: 1"=20'
ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

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HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

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Park Operator
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tel 303.798.5131

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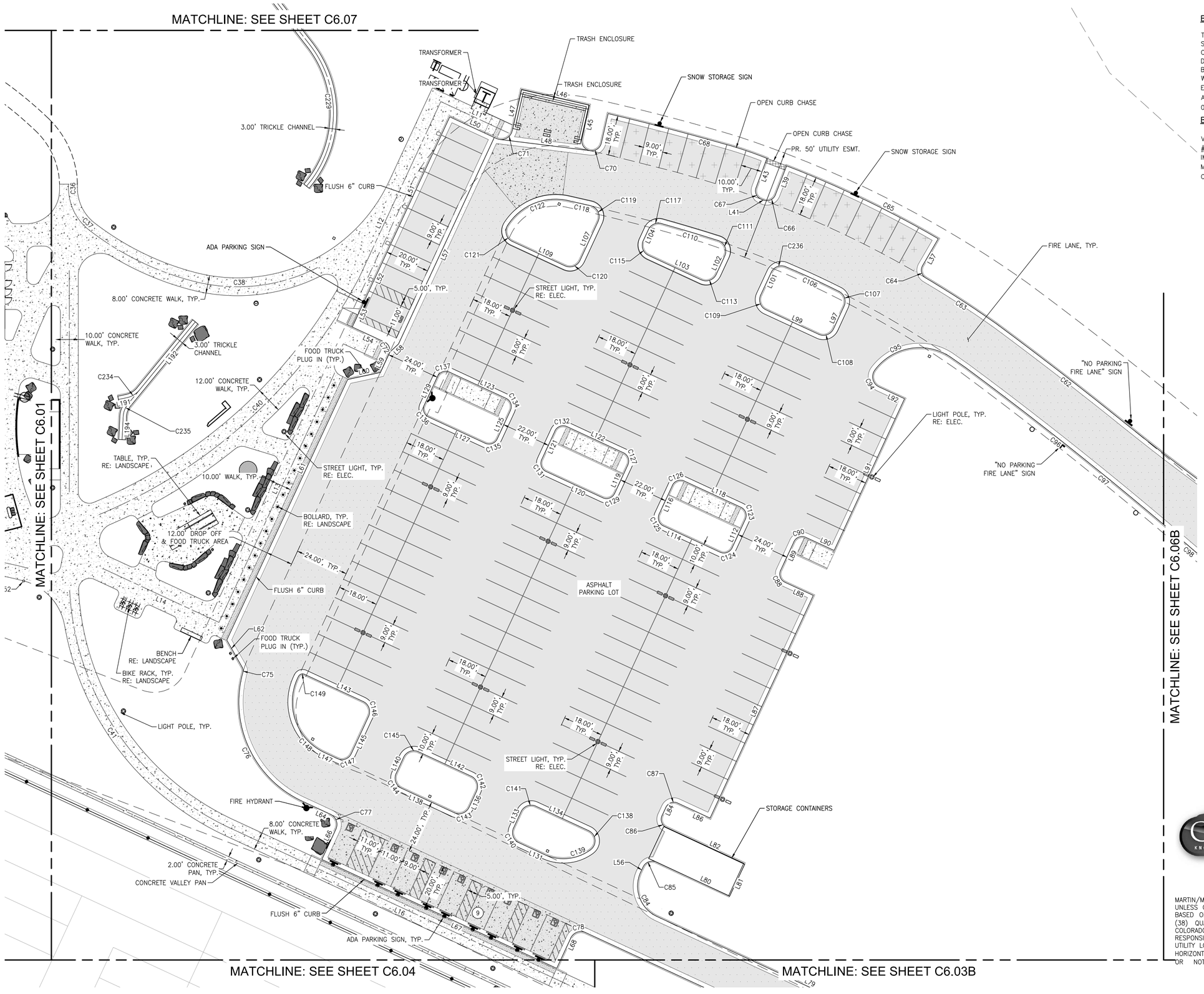
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

DETAILED HORIZONTAL CONTROL PLAN

Sheet number

C6.01



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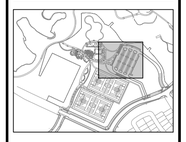
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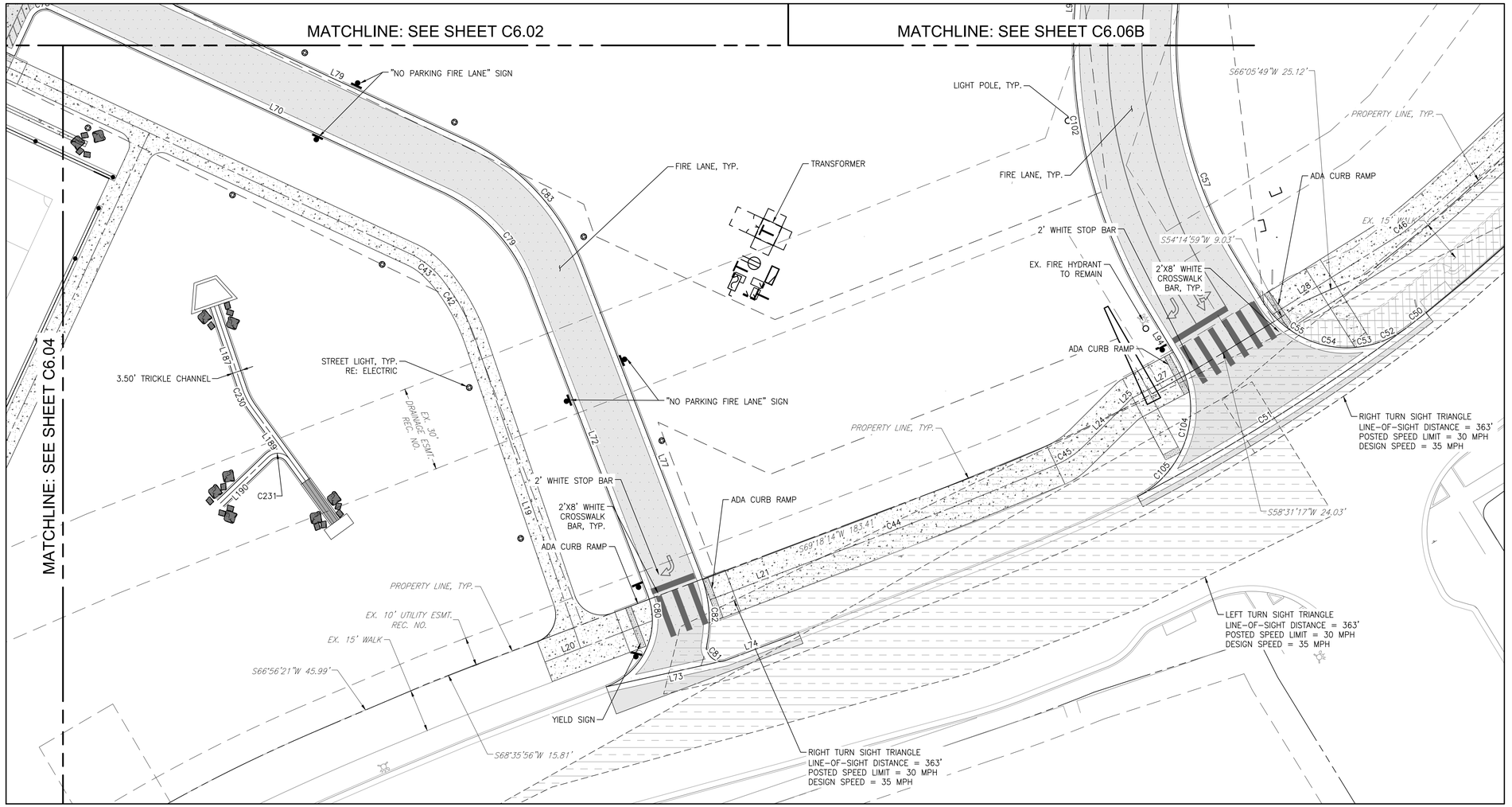
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

DETAILED HORIZONTAL CONTROL PLAN

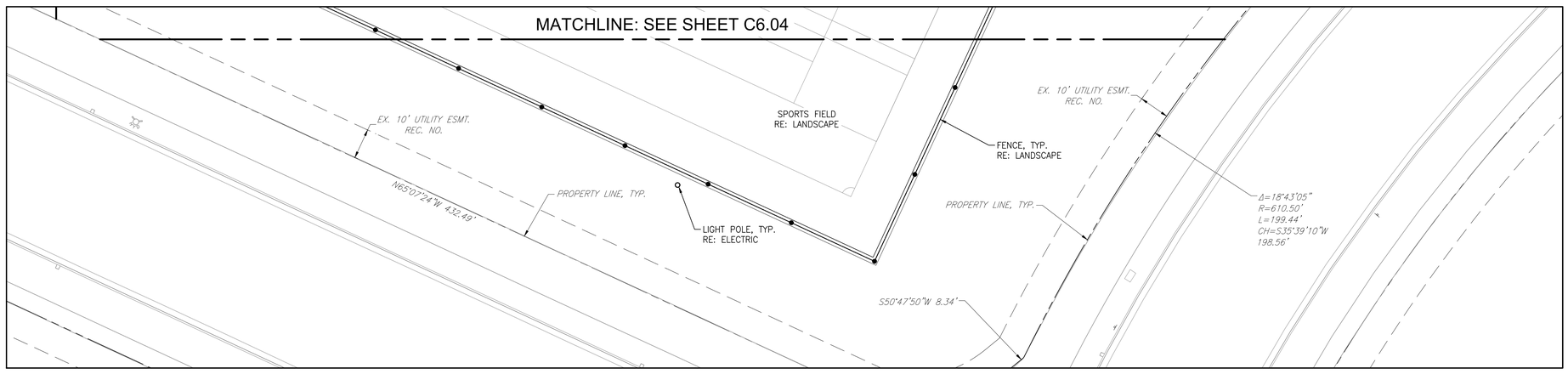
Sheet number

C6.02



VIEW B

SCALE: 1"=20'



VIEW A

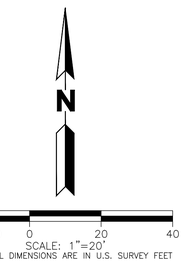
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SCALE: 1"=20'

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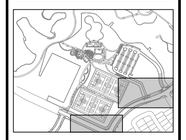
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	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

DETAILED HORIZONTAL CONTROL PLAN

Sheet number

C6.03

MATCHLINE: SEE SHEET C6.01

MATCHLINE: SEE SHEET C6.02

MATCHLINE: SEE SHEET C6.05

MATCHLINE: SEE SHEET C6.03B

MATCHLINE: SEE SHEET C6.03A

8.00' TRAIL, TYP.

C33

LIGHT, TYP.
RE: ELECTRIC

8.00' CONCRETE WALK, TYP.

BENCH, TYP.
RE: LANDSCAPE

8.00' CONCRETE WALK, TYP.

TABLE, TYP.
RE: LANDSCAPE

FENCE, TYP.
RE: LANDSCAPE

C13

LIGHT POLE, TYP.
RE: ELECTRIC

C14

C26

L3

L5

C15

10.00' CONCRETE WALK, TYP.

SPORTS FIELD
RE: LANDSCAPE

2.00' CONCRETE PAN, TYP.

L196

FENCE, TYP.
RE: LANDSCAPE

8.00' CONCRETE WALK, TYP.

L197

R3'

8.00' CONCRETE WALK, TYP.

EX. 30' DRAINAGE ESMT. REC. NO.

SPORTS FIELD
RE: LANDSCAPE

EX. 10' UTILITY ESMT.

PROPERTY LINE, TYP.

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N

20 10 0 20 40

SCALE: 1"=20'

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OJB

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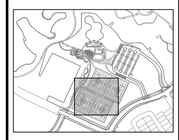
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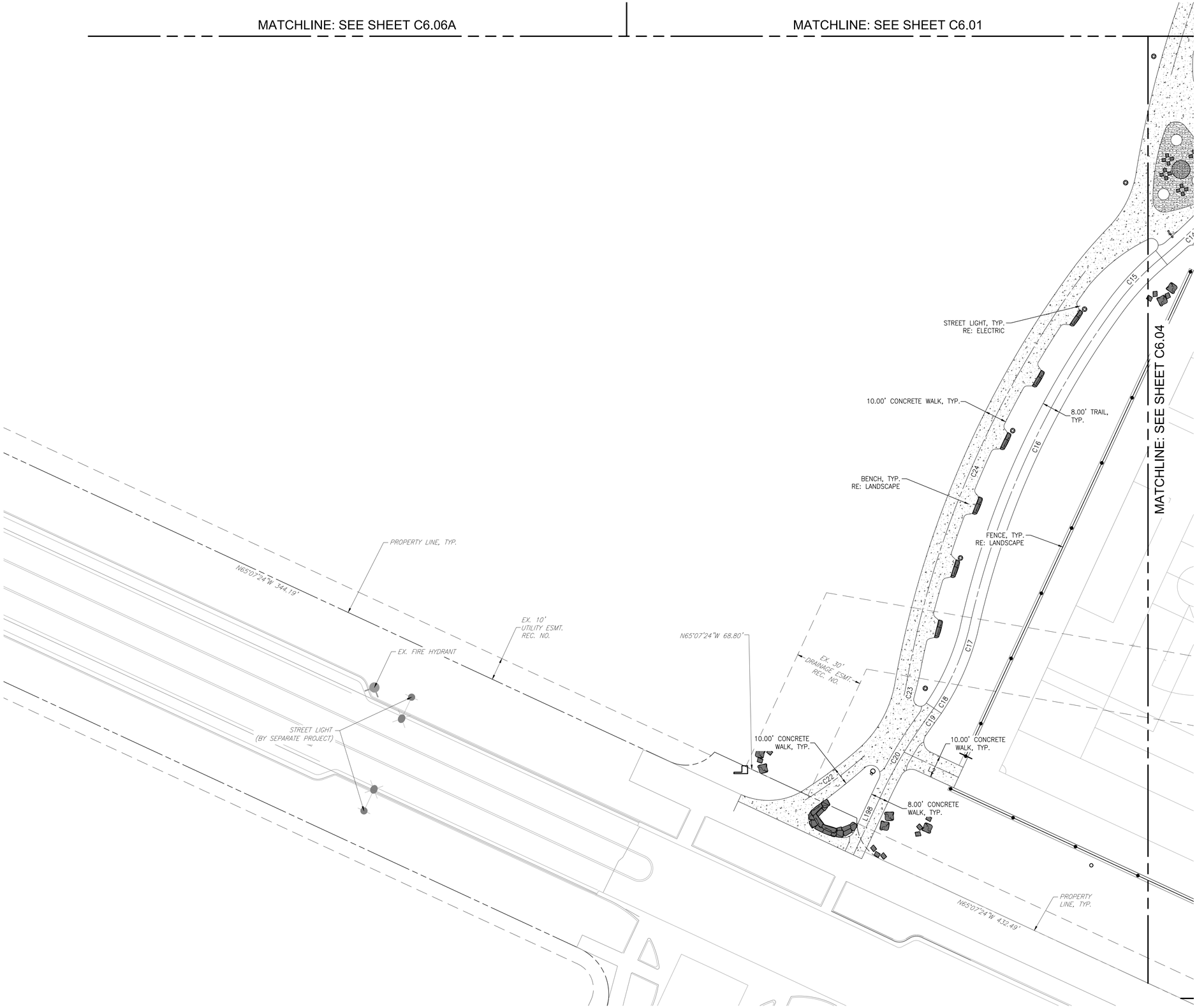
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

DETAILED HORIZONTAL CONTROL PLAN

Sheet number

C6.04



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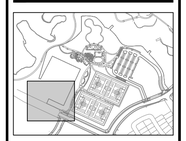
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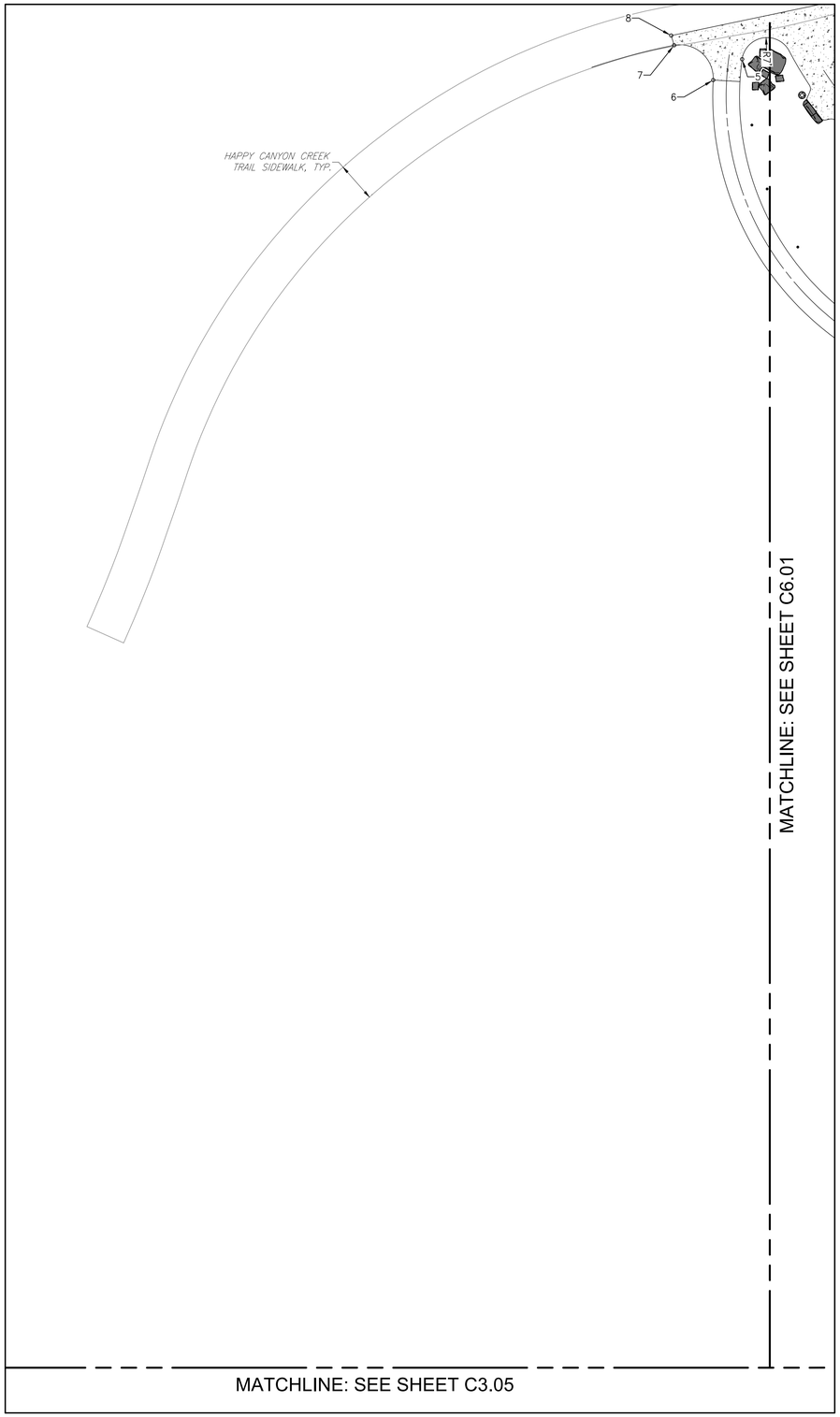
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	03/02/2026	30% CD
	04/06/2026	CITY SUBMITTAL

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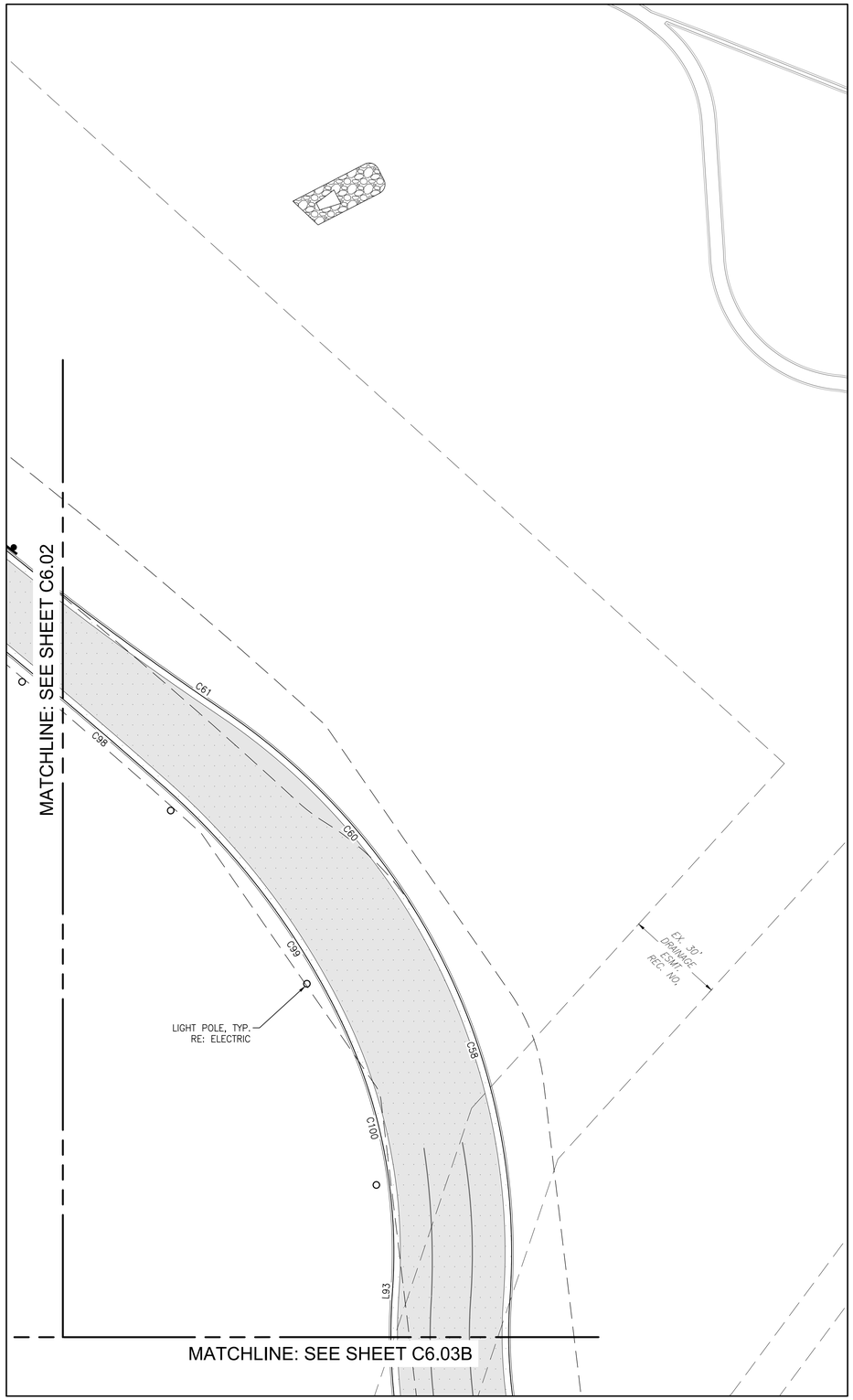
DETAILED HORIZONTAL CONTROL PLAN

Sheet number

C6.05



VIEW A
SCALE: 1"=20'



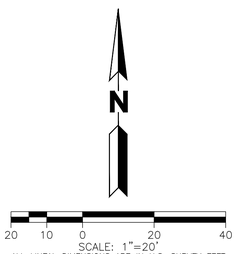
VIEW B
SCALE: 1"=20'

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1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.876.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

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Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

RSM Design
Branding, Signage & Wayfinding
tel 949.492.9479

Peregrine Fire
Fire Protection Consultant & Wildfire Mitigation
tel 303.997.8875

Fountain Source
Water Feature Consultant
tel 303.997.8875

Roxbox
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tel 303.997.8875

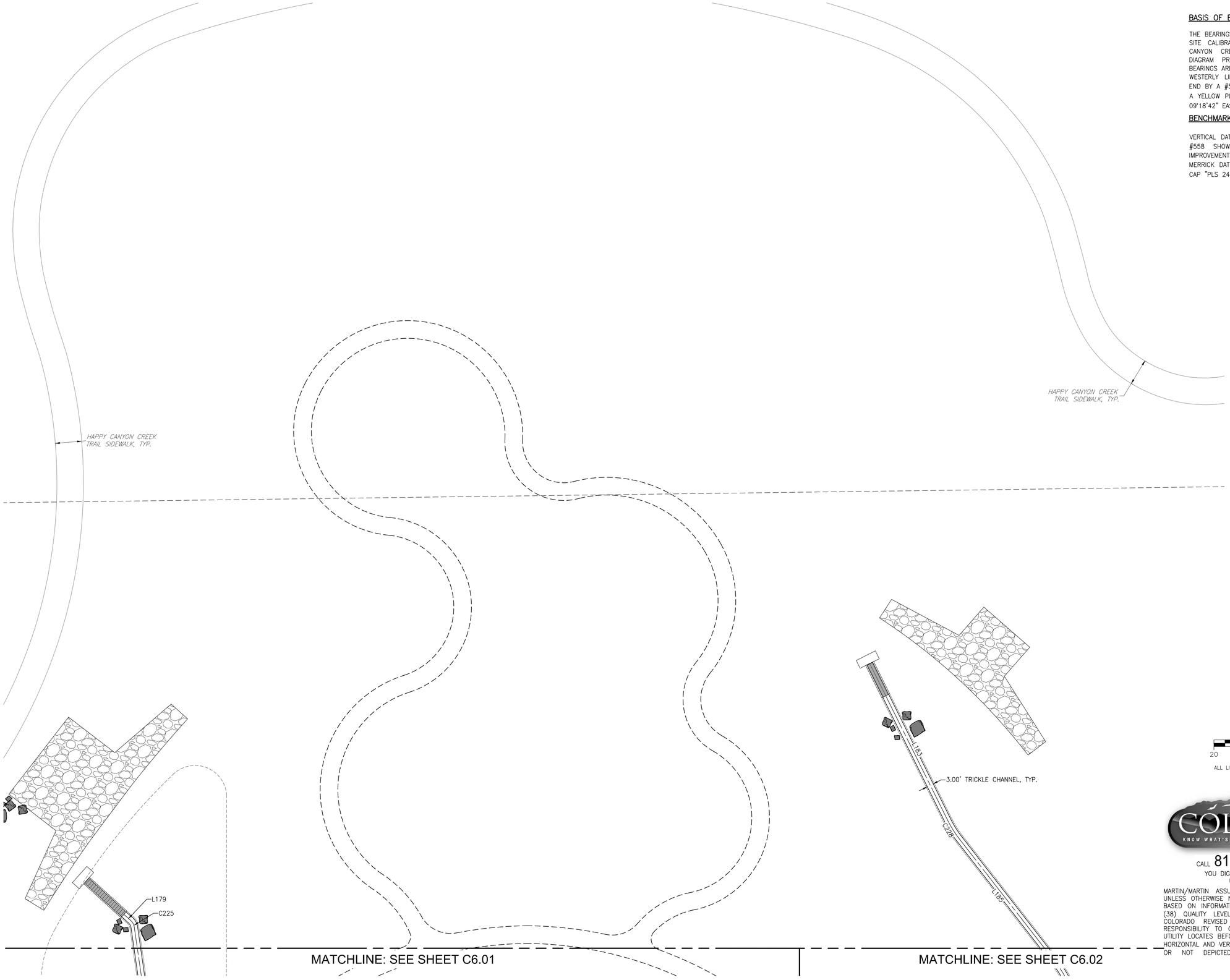


NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description
DETAILED HORIZONTAL CONTROL PLAN

Sheet number
C6.06



MATCHLINE: SEE SHEET C6.01

MATCHLINE: SEE SHEET C6.02

BASIS OF BEARINGS:

THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON A GPS SITE CALIBRATION OF POINTS REFERENCED ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022. BEARINGS ARE FURTHER DEFINED LOCALLY TO THE SITE BY THE WESTERLY LINE OF TRACT AQ, MONUMENTED AT THE NORTH END BY A #5 REBAR AND AT THE SOUTH LINE BY REBAR WITH A YELLOW PLASTIC CAP "LS 24673". SAID LINE BEARS NORTH 09°18'42" EAST.

BENCHMARK:

VERTICAL DATA SHOWN ON THIS SURVEY IS BASED ON POINT #558 SHOWN ON THE HAPPY CANYON CREEK STREAM IMPROVEMENTS SURVEY CONTROL DIAGRAM PREPARED BY MERRICK DATED OCTOBER, 2022, BEING A 3-1/2" RTD BRASS CAP "PLS 24942". ELEV=6074.44 NAVD 88.

N

20 10 0 20 40

SCALE: 1"=20'

ALL LINEAL DIMENSIONS ARE IN U.S. SURVEY FEET

COLORADO 811 KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

MARTIN/MARTIN ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. UNLESS OTHERWISE NOTED, THE UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED BY OTHERS AND DEPICTED AS ASCE (38) QUALITY LEVEL D. IN ACCORDANCE WITH THE PROVISIONS OF COLORADO REVISED STATUTE, TITLE 9, IT IS THE CONTRACTORS RESPONSIBILITY TO CALL COLORADO 811 UTILITY LOCATE SERVICE FOR UTILITY LOCATES BEFORE DIGGING, AND FIELD VERIFY THE SIZE, MATERIAL, HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES (DEPICTED OR NOT DEPICTED) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

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Civil Engineer
tel 303.431.6100

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tel 303.876.5700

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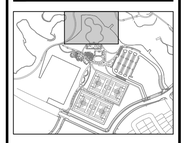
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Water Feature Consultant
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Container Architect
tel 303.997.8875



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Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

DETAILED HORIZONTAL CONTROL PLAN

Sheet number

C6.07

LINE TABLE				
NUMBER	DIRECTION	LENGTH	START NORTHING	START EASTING
L2	N65°07'43"W	26.26'	N:1615131.66	E:3182624.37
L3	S65°07'21"E	40.00'	N:1615368.48	E:3182756.24
L5	N24°52'39"E	10.31'	N:1615351.83	E:3182731.98
L6	S65°07'21"E	1.09'	N:1615569.84	E:3182892.50
L7	S24°45'19"W	5.99'	N:1615501.50	E:3182761.69
L11	S65°07'21"E	33.49'	N:1615841.24	E:3183164.18
L12	N24°52'39"E	87.19'	N:1615762.13	E:3183127.50
L13	N24°52'39"E	123.25'	N:1615607.90	E:3183064.79
L14	N65°07'09"W	56.66'	N:1615607.90	E:3183064.79
L16	N65°07'22"W	315.53'	N:1615383.07	E:3183355.92
L19	N18°49'09"W	113.95'	N:1615244.88	E:3183415.08
L20	N68°59'57"E	40.48'	N:1615240.05	E:3183402.48
L21	N69°18'14"E	40.97'	N:1615261.96	E:3183460.61
L24	N45°09'19"E	23.13'	N:1615316.07	E:3183592.05
L25	N45°09'19"E	23.13'	N:1615316.07	E:3183592.05
L27	N61°59'29"E	20.20'	N:1615332.82	E:3183609.04
L28	N57°53'47"E	52.90'	N:1615362.13	E:3183658.22
L35	N53°50'09"E	38.40'	N:1615557.20	E:3183866.94
L37	S30°10'27"W	14.01'	N:1615779.80	E:3183387.07
L39	N21°11'14"E	14.04'	N:1615799.38	E:3183314.03
L41	S69°20'02"E	1.27'	N:1615797.53	E:3183307.71
L43	S20°11'14"W	14.03'	N:1615815.79	E:3183310.28
L44	S12°55'14"W	13.58'	N:1615835.87	E:3183239.12
L45	S12°19'44"W	15.49'	N:1615839.70	E:3183230.75
L46	S77°02'02"E	31.26'	N:1615846.71	E:3183200.29
L47	N12°33'29"E	19.07'	N:1615828.11	E:3183196.15
L48	S82°55'31"E	40.88'	N:1615824.26	E:3183190.66
L50	S65°07'21"E	23.14'	N:1615834.42	E:3183168.18
L51	N24°52'40"E	72.00'	N:1615769.10	E:3183137.89
L52	S24°52'40"W	12.00'	N:1615769.10	E:3183137.89
L53	S24°52'40"W	19.85'	N:1615758.21	E:3183132.84
L54	N65°07'22"W	16.00'	N:1615733.48	E:3183139.01
L56	S24°52'39"W	2.48'	N:1615498.28	E:3183254.81
L57	S24°52'39"W	102.00'	N:1615825.16	E:3183188.14
L58	S46°40'33"W	5.39'	N:1615732.63	E:3183145.23
L59	N24°52'39"E	9.11'	N:1615719.90	E:3183137.12
L60	N77°53'13"E	15.00'	N:1615716.75	E:3183122.46
L61	N24°52'39"E	128.74'	N:1615599.95	E:3183068.27
L62	N29°33'57"W	14.04'	N:1615587.74	E:3183075.20
L64	N65°05'37"W	13.99'	N:1615521.90	E:3183114.74
L66	N24°52'39"E	14.99'	N:1615501.66	E:3183110.87
L67	N65°07'20"W	116.00'	N:1615452.86	E:3183216.11
L68	S24°52'39"W	15.01'	N:1615466.47	E:3183222.42
L70	S65°07'21"E	151.20'	N:1615468.91	E:3183229.06
L72	S20°57'05"E	116.44'	N:1615372.32	E:3183397.02
L73	S77°32'32"W	43.12'	N:1615240.63	E:3183466.14
L74	N69°20'13"E	27.37'	N:1615240.63	E:3183466.14
L77	S20°57'05"E	116.48'	N:1615379.47	E:3183415.70
L79	S65°07'21"E	125.20'	N:1615476.11	E:3183261.06
L80	S65°07'21"E	35.67'	N:1615500.47	E:3183260.79
L81	S25°01'14"W	16.00'	N:1615499.96	E:3183299.91
L82	S65°07'21"E	38.20'	N:1615516.03	E:3183265.26
L84	S24°52'39"W	4.00'	N:1615524.98	E:3183265.00
L86	N65°07'21"W	15.99'	N:1615520.19	E:3183284.82
L87	N24°52'39"E	62.01'	N:1615520.19	E:3183284.82
L88	N65°07'21"W	14.00'	N:1615619.99	E:3183331.09
L89	N24°52'39"E	14.15'	N:1615631.19	E:3183316.44
L90	S65°07'21"E	14.00'	N:1615645.97	E:3183327.71
L91	N24°52'39"E	75.00'	N:1615640.08	E:3183340.41
L92	N65°07'21"W	12.57'	N:1615708.12	E:3183371.96

LINE TABLE				
NUMBER	DIRECTION	LENGTH	START NORTHING	START EASTING
L93	N03°58'35"E	1.15'	N:1615469.91	E:3183588.73
L94	N31°09'48"W	18.46'	N:1615347.32	E:3183624.33
L97	N24°52'39"E	11.22'	N:1615739.42	E:3183340.13
L99	S65°07'21"E	25.96'	N:1615747.91	E:3183309.94
L101	S24°52'39"W	11.23'	N:1615764.74	E:3183312.23
L102	N24°52'39"E	6.85'	N:1615763.80	E:3183287.55
L103	S65°07'21"E	26.00'	N:1615772.76	E:3183257.53
L104	S24°52'40"W	5.40'	N:1615783.85	E:3183257.16
L107	N24°52'39"E	19.35'	N:1615770.06	E:3183226.52
L109	S65°07'21"E	26.06'	N:1615778.59	E:3183196.24
L112	S24°52'39"W	14.15'	N:1615654.12	E:3183300.62
L114	N65°07'21"W	28.00'	N:1615639.34	E:3183289.36
L116	N24°52'39"E	14.15'	N:1615656.43	E:3183262.01
L118	S65°07'21"E	28.00'	N:1615671.22	E:3183273.27
L119	S24°52'39"W	14.15'	N:1615678.52	E:3183248.00
L120	N65°07'21"W	28.00'	N:1615663.74	E:3183236.74
L121	N24°52'39"E	14.15'	N:1615680.83	E:3183209.39
L122	S65°07'21"E	28.00'	N:1615695.61	E:3183220.66
L123	S65°07'21"E	28.00'	N:1615720.01	E:3183168.04
L125	S24°52'39"W	14.15'	N:1615702.92	E:3183195.39
L127	N65°07'21"W	28.02'	N:1615688.14	E:3183184.12
L129	N24°52'39"E	14.56'	N:1615704.86	E:3183156.60
L131	N65°07'21"W	12.43'	N:1615503.94	E:3183210.51
L133	N24°52'39"E	8.00'	N:1615515.81	E:3183196.80
L134	S65°07'21"E	26.00'	N:1615525.50	E:3183206.81
L136	S24°52'39"W	8.00'	N:1615532.33	E:3183180.21
L138	N65°07'21"W	26.00'	N:1615522.63	E:3183170.20
L140	N24°52'39"E	8.00'	N:1615540.21	E:3183144.18
L142	S65°07'21"E	26.00'	N:1615549.90	E:3183154.19
L143	S65°07'21"E	28.98'	N:1615584.63	E:3183103.08
L145	S24°52'40"W	13.50'	N:1615561.26	E:3183129.70
L147	N65°07'21"W	6.50'	N:1615546.82	E:3183118.04
L179	N47°50'02"W	4.16'	N:1615885.64	E:3182687.49
L181	N08°11'29"W	55.60'	N:1615828.02	E:3182696.93
L182	S48°14'42"E	6.58'	N:1615844.26	E:3182695.78
L183	S26°26'09"E	62.88'	N:1615987.27	E:3183028.69
L185	N37°54'47"W	70.80'	N:1615866.65	E:3183105.52
L187	N18°47'48"W	30.73'	N:1615335.91	E:3183296.25
L189	N36°05'59"W	31.74'	N:1615303.59	E:3183318.42
L190	S46°06'08"W	23.30'	N:1615312.00	E:3183305.26
L191	S78°27'06"W	3.75'	N:1615708.54	E:3183023.42
L192	S39°20'58"W	47.45'	N:1615742.54	E:3183054.19
L194	S02°36'55"W	10.20'	N:1615699.96	E:3183021.85
L196	N24°52'39"E	276.51'	N:1615175.08	E:3183147.15
L197	S65°07'21"E	64.00'	N:1615202.01	E:3183089.09
L198	N24°57'32"E	28.79'	N:1615097.66	E:3182578.31

CURVE TABLE					
NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C1	66°29'00"	108.29'	125.65'	S66°05'20"E	118.72'
C2	29°14'04"	193.90'	98.94'	S80°51'07"E	97.87'
C3	144°22'14"	85.51'	215.47'	N63°41'54"W	162.83'
C4	46°25'11"	59.52'	48.22'	S77°57'51"W	46.91'
C5	2°59'23"	555.96'	29.01'	S78°06'38"E	29.01'
C6	8°03'41"	175.88'	24.74'	S71°27'49"E	24.72'
C7	11°55'00"	141.93'	29.52'	S62°02'45"E	29.47'
C8	20°31'20"	272.00'	97.42'	S46°02'21"E	96.90'
C9	23°03'18"	108.98'	43.85'	S24°15'09"E	43.56'
C10	8°43'21"	108.98'	16.59'	S08°22'01"E	16.58'
C11	4°49'35"	336.33'	28.33'	S01°35'34"E	28.32'
C12	38°10'47"	336.33'	224.12'	S19°54'37"W	219.99'
C13	2°37'36"	352.78'	16.17'	S40°19'58"W	16.17'
C14	8°09'08"	285.81'	40.67'	S45°42'22"W	40.63'
C15	14°27'11"	116.00'	29.26'	N43°26'30"E	29.18'
C16	24°02'18"	374.46'	157.10'	S24°23'34"W	155.95'
C17	19°55'48"	108.82'	37.85'	S24°02'55"W	37.66'
C18	19°55'48"	108.82'	37.85'	S24°02'55"W	37.66'
C19	0°45'49"	878.54'	11.71'	S35°16'29"W	11.71'
C20	6°17'08"	194.02'	21.29'	N31°24'44"E	21.27'
C22	9°31'30"	193.37'	32.15'	N53°18'57"E	32.11'
C23	4°30'51"	55.00'	4.33'	S12°19'40"W	4.33'
C24	26°37'06"	430.55'	200.02'	S23°22'47"W	198.23'
C25	25°32'47"	440.89'	196.58'	S27°49'11"W	194.95'
C26	90°00'00"	15.00'	23.56'	N69°52'39"E	21.21'
C27	55°25'25"	76.76'	74.25'	S37°37'45"E	71.39'
C29	110°19'06"	41.07'	79.07'	S22°25'05"W	67.41'
C30	52°49'19"	9.50'	8.76'	S51°09'59"W	8.45'
C32	52°33'28"	9.50'	8.71'	S01°31'25"E	8.41'
C33	100°57'00"	41.07'	72.36'	S22°40'21"W	63.35'
C34	19°53'20"	192.73'	66.90'	N81°21'23"W	66.57'
C35	16°03'04"	174.00'	48.75'	N83°16'31"W	48.59'
C36	52°40'03"	24.00'	22.06'	S25°57'46"E	21.29'
C37	52°40'03"	24.00'	22.06'	S25°57'46"E	21.29'
C38	41°44'54"	79.00'	57.56'	N83°49'06"E	56.30'
C40	39°24'12"	233.64'	160.68'	N47°42'12"E	157.53'
C41	62°13'54"	124.15'	134.85'	N34°00'34"W	128.32'
C42	18°43'39"	71.52'	23.38'	N28°10'15"W	23.27'
C43	27°38'38"	31.51'	15.20'	N49°17'56"W	15.06'
C44	2°35'09"	1973.08'	89.05'	N68°25'59"E	89.04'
C45	21°59'45"	32.50'	12.48'	N56°09'12"E	12.40'
C46	7°23'26"	17.50'	2.26'	N54°12'04"E	2.26'
C47	7°49'15"	579.45'	79.09'	N46°35'44"E	79.03'
C48	0°04'30"	84567.83'	110.76'	N42°11'26"E	110.76'
C49	7°32'27"	320.17'	42.14'	N45°57'56"E	42.11'
C50	0°49'19"	573.50'	8.23'	N52°03'42"E	8.23'
C51	8°56'00"	718.96'	112.10'	N57°52'25"E	111.99'
C52	18°18'31"	35.00'	11.18'	N61°37'36"E	11.14'
C53	17°15'04"	35.00'	10.54'	N79°24'24"E	10.50'
C54	22°06'36"	35.00'	13.51'	S80°54'46"E	13.42'
C55	17°09'02"	35.00'	10.48'	S61°16'57"E	10.44'
C57	35°21'18"	145.00'	89.47'	S13°42'04"E	88.06'
C58	34°43'22"	200.00'	121.21'	N13°23'06"W	119.36'
C60	25°17'17"	200.00'	88.27'	N43°23'26"W	87.56'
C61	4°54'28"	963.00'	82.49'	S53°34'51"E	82.46'
C62	1°50'52"	1751.40'	56.49'	N52°33'51"W	56.48'
C63	4°16'26"	464.00'	34.61'	N56°48'34"W	34.60'
C64	89°11'54"	4.00'	6.23'	S14°25'30"E	5.62'
C65	8°58'21"	482.00'	75.48'	S64°19'36"E	75.40'
C66	89°26'23"	4.00'	6.24'	N65°54'25"E	5.63'

CURVE TABLE					
NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C67	88°22'07"	4.00'	6.17'	S23°59'50"E	5.58'
C68	2°34'29"	1224.00'	55.00'	N75°20'12"W	55.00'
C70	179°24'34"	4.43'	13.87'	S77°22'31"E	8.86'
C71	101°58'09"	5.00'	8.90'	N63°53'35"E	7.77'
C72	90°00'01"	4.00'	6.28'	N20°07'21"W	5.66'
C75	45°12'07"	3.00'	2.37'	N06°57'53"W	2.31'
C76	80°45'42"	49.00'	69.07'	N24°44'41"W	63.49'
C77	90°00'00"	5.00'	7.85'	N20°07'21"W	7.07'
C78	90°00'25"	5.00'	7.85'	N69°52'27"E	7.07'
C79	44°10'15"	60.00'	46.26'	S43°02'13"E	45.12'
C80	90°09'58"	25.00'	39.34'	S24°23'13"W	35.41'
C81	121°34'08"	5.00'	10.61'	S49°54'33"E	8.73'
C82	31°38'11"	45.00'	24.85'	S04°56'35"E	24.53'
C83	44°10'15"	80.00'	61.67'	S43°02'13"E	60.16'
C84	90°00'00"	15.00'	23.56'	S20°07'21"E	21.21'
C85	90°00'00"	4.50'	7.07'	S69°52'39"W	6.36'
C86	90°00'00"	4.00'	6.28'	S20°07'21"E	5.66'
C87	90°00'00"	4.00'	6.28'	S69°52'39"W	5.66'
C88	90°00'00"	4.00'	6.28'	N20°07'21"W	5.66'
C90	90°00'00"	4.00'	6.28'	N69°52'39"E	5.66'
C94	101°58'36"	5.00'	8.90'	N14°08'02"W	7.77'
C95	87°25'44"	25.00'	38.15'	N80°34'08"E	34.55'
C96	1°48'36"	1748.00'	55.22'	N52°33'02"W	55.22'
C97	1°35'20"	1748.00'	48.47'	N50°51'04"W	48.47'
C98	1°36'44"	1748.00'	49.19'	N49°15'02"W	49.19'
C99	22°17'53"	228.00'	88.73'	N37°14'47"W	88.17'
C100	30°04'26"	164.00'	86.08'	N11°03'38"W	85.10'
C102	35°21'18"	181.00'	111.69'	N13°42'04"W	109.92'
C104	15°47'01"	35.00'	9.64'	N12°42'04"E	9.61'
C105	23°16'56"	35.00'	14.22'	N50°30'51"E	14.12'
C106	3°39'34"	411.50'	26.28'	N65°07'20"W	26.28'
C107	88°10'17"	5.00'	7.69'	N19°12'25"W	6.96'
C108	90°00'00"	5.00'	7.85'	N69°52'39"E	7.07'
C109	90°00'00"	5.00'	7.85'	S20°07'21"E	7.07'
C110	1°49'33"	829.50'	26.43'	N73°22'19"W	26.43'
C111	97°20'12"	5.00'	8.49'	N23°47'26"W	7.51'
C113	90°00'00"	5.00'	7.85'	N69°52'39"E	7.07'
C115	90°00'00"	5.00'	7.85'	S20°07'20"E	7.07'
C117	80°50'15"	5.00'	7.05'	S65°17'48"W	6.48'
C118	0°43'15"	829.50'	10.43'	N77°11'00"W	10.43'
C119	101°43'29"	5.00'	8.87'	N25°57'38"W	7.75'
C120	90°00'00"	5.00'	7.85'	N69°52'39"E	7.07'
C121	95°40'59"	5.00'	8.35'	S17°16'24"E	7.42'
C122	70°03'34"	25.50'	31.18'	S67°25'36"W	29.27'
C123	90°00'00"	4.00'	6.28'	S20°07'21"E	5.66'
C124	90°00'00"	4.00'	6.28'	S69°52'39"W	5.66'
C125	90°00'00"	4.00'	6.28'	N20°07'21"W	5.66'
C126	90°00'00"	4.00'	6.28'	N69°52'39"E	5.66'
C127	90°00'00"	4.00'	6.28'	S20°07'21"E	5.66'
C129	89°59'49"	4.00'	6.28'	S69°52'45"W	5.66'
C131	90°00'00"	4.00'	6.28'	N20°07'21"W	5.66'
C132	90°00'00"	4.00'	6.28'	N69°52'39"E	5.66'
C134	90°00'00"	4.00'	6.28'	S20°07'21"E	5.66'
C135	90°00'00"	4.00'	6.28'	S69°52'39"W	5.66'
C136	84°04'39"	4.00'	5.87'	N23°05'01"W	5.36'
C137	90°00'00"	4.00'	6.28'	N69°52'39"E	5.66'
C138	118°59'26"	5.00'	10.38'	N05°37'38"W	8.62'
C139	61°04'46"	20.50'	21.85'	N84°20'16"E	20.83'
C140	90°00'00"	5.00'	7.85'	N20°07'21"W	7.07'
C141	90°00'00"	5.00'	7.85'	S69°52'39"W	7.07'

CURVE TABLE					
NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C142	90°00'00"	5.00'	7.85'	S20°07'21"E	7.07'
C143	90°00'00"	5.00'	7.85'	S69°52'39"W	7.07'
C144	90°00'00"	5.00'	7.85'	N20°07'21"W	7.07'
C145	90°00'00"	5.00'	7.85'	N69°52'39"E	7.07'
C146	90°00'00"	5.00'	7.85'	S20°07'21"E	7.07'
C147	90°00'00"	4.50'	7.07'	S69°52'39"W	6.36'
C148	92°29'31"	25.00'	40.36'	N18°52'35"W	36.12'
C149	87°30'29"	2.00'	3.05'	N71°07'25"E	2.77'
C150	14°39'38"	74.95'	19.18'	N82°40'11"W	19.13'
C151	17°36'54"	52.04'	16.00'	N66°31'55"W	15.94'
C152	24°27'57"	35.49'	15.15'	N45°29'29"W	15.04'
C153	33°15'30"	19.46'	11.29'	N16°37'45"W	11.14'
C154	33°15'30"	19.46'	11.29'	N16°37'45"E	11.14'
C155	24°27'57"	35.49'	15.15'	N45°29'29"E	15.04'
C156	17°36'54"	52.04'	16.00'	N66°31'55"E	15.94'
C157	14°39'38"	74.95'	19.18'	N82°40'11"E	19.13'
C158	14°39'38"	74.95'	19.18'	S82°40'11"E	19.13'
C159	17°36'54"	52.04'	16.00'	S66°31'55"E	15.94'
C160	24°27'57"	35.49'	15.15'	S45°29'29"E	15.04'
C161	33°15'30"	19.46'	11.29'	S16°37'45"E	11.14'
C162	33°15'30"	19.46'	11.29'	S16°37'45"W	11.14'
C163	24°27'57"	35.49'	15.15'	S45°29'29"W	15.04'
C164	17°36'54"	52.04'	16.00'	S66°31'55"W	15.94'
C165	14°39'38"	74.95'	19.18'	S82°40'11"W	19.13'
C225	34°59'12"	5.00'	3.05'	N30°20'26"W	3.01'
C226	40°03'17"	5.00'	3.50'	S28°13'08"E	3.42'
C228	11°28'38"	50.00'	10.02'	N32°10'28"W	10.00'
C229	77°14'31"	50.00'	67.41'	N00°42'28"E	62.42'
C230	17°18'11"	25.00'	7.55'	N27°26'54"W	7.52'
C231	97°47'53"	5.00'	8.53'	N84°59'56"W	7.54'
C234	39°06'08"	10.00'	6.82'	S58°54'02"E	6.69'
C235	36°44'04"	10.00'	6.41'	S20°58'56"W	6.30'
C236	88°05'58"	5.00'	7.69'	S68°59'53"W	6.95'

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
tel 303.798.5131

OJB Landscape Architecture
Prime Consultant | Landscape Architect
1732 Wazee Street, Suite 209
Denver, CO 80202
tel 720.604.3385

Tryba Architects
Architect
tel 303.831.4010

Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineer
tel 303.876.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

illume
Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

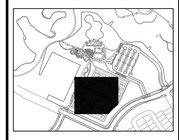
Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

RSM Design
Branding, Signage & Wayfinding
tel 949.492.9479

Peregrine Fire
Fire Protection Consultant & Wildfire Mitigation
tel 303.997.8875

Fountain Source
Water Feature Consultant
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Roxbox
Container Architect
tel 303.997.8875



NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

LINE AND CURVE TABLES

Sheet number

C6.08

POINT TABLE		
POINT #	NORTHING	EASTING
1	1615850.16	3182484.72
2	1615847.69	3182500.04
3	1615863.58	3182505.94
4	1615866.44	3182505.02
5	1615847.72	3182470.65
6	1615841.48	3182462.01
7	1615851.90	3182450.34
8	1615854.79	3182449.47
9	1615773.93	3182720.45
10	1615768.77	3182730.22
15	1615804.23	3182730.66
16	1615804.22	3182738.66
17	1615754.60	3182756.73
18	1615726.75	3182787.70
104	1615718.66	3182795.20
105	1615702.77	3182808.36
106	1615696.10	3182813.28
107	1615679.18	3182825.53
108	1615643.18	3182831.21
109	1615654.29	3182829.14
114	1615638.74	3182861.66
115	1615627.07	3182852.85
116	1615627.32	3182844.70
117	1615630.88	3182837.25
118	1615627.13	3182832.30
119	1615630.00	3182809.27
120	1615631.33	3182816.75
121	1615623.22	3182803.40
122	1615616.10	3182804.02
123	1615610.50	3182815.04
124	1615610.00	3182822.97
127	1615786.50	3182978.35
128	1615786.50	3182973.15
135	1615786.50	3182959.01
136	1615786.50	3182938.54
137	1615796.50	3182928.54
138	1615800.74	3182928.54
139	1615800.74	3182920.54
140	1615796.50	3182920.54
141	1615786.50	3182910.54
142	1615786.50	3182898.56
143	1615796.50	3182888.56
144	1615800.74	3182888.56
145	1615800.74	3182879.56
146	1615797.74	3182879.56
147	1615795.82	3182879.17
148	1615790.73	3182877.05
149	1615788.81	3182876.67
150	1615786.24	3182702.57
151	1615803.33	3182730.60

POINT TABLE		
POINT #	NORTHING	EASTING
152	1615626.47	3182977.29
153	1615570.94	3182797.68
154	1615567.32	3182790.37
155	1615567.10	3182781.88
156	1615587.45	3182796.36
157	1615578.81	3182794.68
158	1615511.00	3182754.39
159	1615517.10	3182753.05
160	1615492.37	3182741.84
161	1615495.36	3182747.39
162	1615784.82	3182613.84
163	1615791.04	3182608.05

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

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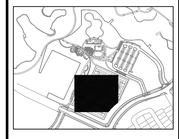
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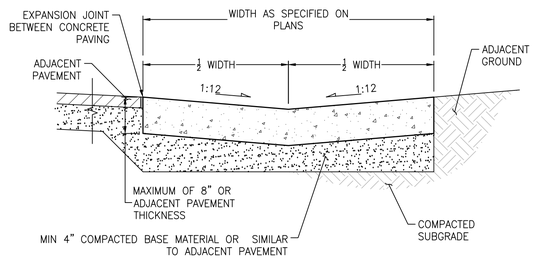
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

POINT TABLE

Sheet number

C6.09

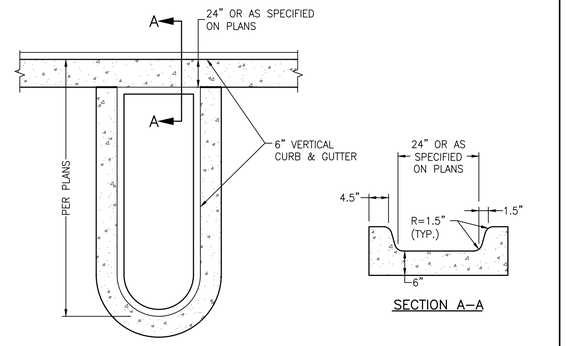


NOTES:

1. CONTRACTION JOINT TO BE SPACED MAXIMUM OF 10' AND EXPANSION JOINTS ARE TO BE EVERY 100'.
2. PAN THICKNESS TO BE MAXIMUM OF EITHER 8" OR ADJACENT PAVEMENT THICKNESS.

CONCRETE VALLEY PAN

NOT TO SCALE

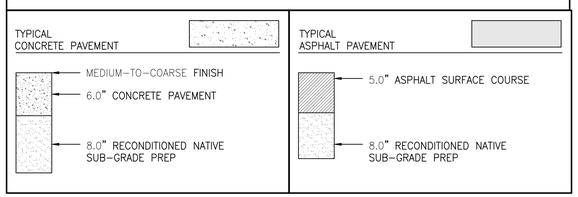


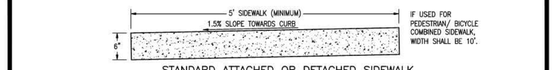
NOTES:

1. CURB BASE AND SUB GRADE REQUIREMENTS TO BE SIMILAR TO ADJACENT PAVEMENT.
2. PAN THICKNESS TO BE MAXIMUM OF EITHER 6" OR ADJACENT PAVEMENT THICKNESS.
3. CURB TEXTURE TO BE MEDIUM–TO–COARSE.

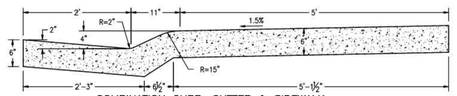
OPEN CURB CHASE

NOT TO SCALE

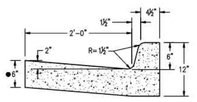




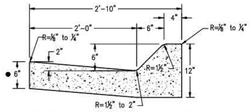
STANDARD ATTACHED OR DETACHED SIDEWALK



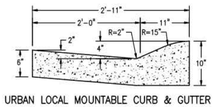
COMBINATION CURB, GUTTER & SIDEWALK



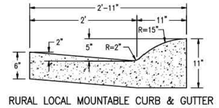
VERTICAL CURB & GUTTER



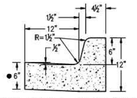
HIGH SPEED MOUNTABLE CURB & GUTTER
(DESIGN SPEED OF 45 M.P.H. OR HIGHER)



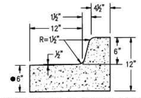
URBAN LOCAL MOUNTABLE CURB & GUTTER



RURAL LOCAL MOUNTABLE CURB & GUTTER



MEDIAN CURB & GUTTER (CATCH)



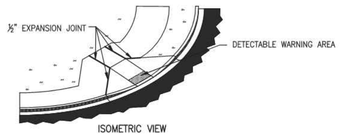
MEDIAN CURB & GUTTER (SPILL)

NOTES:
1. IF A SIDEWALK IS PLACED BEHIND THE CURB BUT IS NOT PLACED MONOLITHICALLY, EXPANSION JOINT MATERIAL AND A SILICONE BASE SEALER MUST BE APPLIED BETWEEN THE SIDEWALK AND THE CURB.
2. SEE DRAWING NUMBER SP.23a and SP.23b FOR TRENCH DRAIN.
3. SEE DRAWING NUMBER SP.31 AND SP.32 FOR CONCRETE JOINTS.
- GUTTER THICKNESS SHALL BE INCREASED TO MATCH CONCRETE PAVEMENT THICKNESS

APPROVED BY DOUGLAS COUNTY	CURB & GUTTERS AND SIDEWALKS	Issued: 05/2013
Janet Herman JANET HERMAN, P.E. DIRECTOR OF PUBLIC WORKS ENGINEERING DATE 10/1/2021	DOUGLAS COUNTY COLORADO	Revised: 10/2021 Drawing No. SP.17

CURB RAMP GENERAL NOTES:

1. IN ACCORDANCE WITH CRS43–2–107(2), ADA COMPLIANT CURB RAMPS SHALL BE PROVIDED AT ALL PEDESTRIAN CROSSINGS AND AT PUBLIC TRANSPORTATION STOPS WHERE WALKWAYS INTERSECT A CURB. THESE LOCATIONS USUALLY INCLUDE, BUT ARE NOT LIMITED TO STREET CROSSINGS AT INTERSECTIONS AND AT DESIGNATED MID–BLOCK LOCATIONS.
2. THE FOLLOWING CURB RAMP TYPES ARE GENERAL REPRESENTATIONS. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT), M STANDARD PLANS, LATEST EDITION PROVIDE ADDITIONAL ACCEPTABLE DETAILS. SEE DETAILED RAMP LAYOUTS ON THE PLANS FOR CONSTRUCTION.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF DOUGLAS COUNTY.
4. SIDEWALKS SHALL BE RAMPED WHERE A DRIVEWAY IS EXTENDED ACROSS THE WALK.
5. DETAILS SHOWN IN THE PLAN SHALL APPLY TO ALL CONSTRUCTION OR RECONSTRUCTION OF STREETS, CURBS OR SIDEWALKS PER CURB RAMP DETAILS.
6. IN NEW CONSTRUCTION, RAMP AND CURB MAY BE POURED MONOLITHICALLY.
7. RAMP AND WINGS SHALL BE POURED MONOLITHICALLY.
8. MINIMUM WIDTH OF RAMPS SHALL BE 4 FEET AND RAMP SLOPES SHALL NOT BE STEEPER THAN 7.5%.
9. MAINTAIN BACK OF WALK ELEVATION AT 1.5% SLOPE FROM TOP OF CURB.
10. CONCRETE FOR SIDEWALK RAMPS SHALL BE CLASS "D".
11. A ½" EXPANSION JOINT SHALL BE REQUIRED WHERE THE CONCRETE RAMP JOINS ANY RIGID PAVEMENT OR STRUCTURE.
12. DRAINAGE STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMPS. LOCATION OF THE RAMP SHALL TAKE PRECEDENCE OVER LOCATION OF THE DRAINAGE STRUCTURE.



ISOMETRIC VIEW

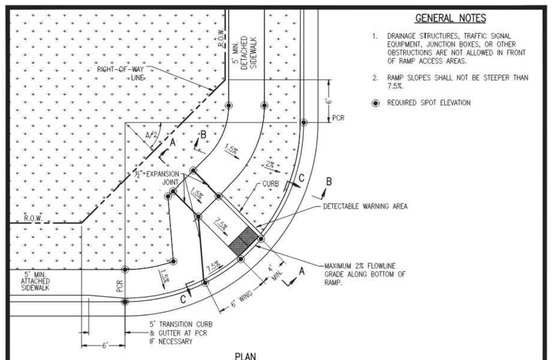
DETECTABLE WARNING AREA NOTES

1. DETECTABLE WARNING AREAS SHALL BE INSTALLED WITHIN CURB RAMPS AT ALL SIDEWALK/STREET TRANSITIONS, AS DESCRIBED BY THE AMERICAN'S WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG), LATEST REVISION.
2. DETECTABLE WARNING DEVICES SHALL BE TRUNCATED DOME WARNING DEVICES. COLOR SHALL BE BRICK RED, TILE RED, OR OTHER EQUIVALENT COLOR TO PROVIDE COLOR CONTRAST WITH ADJACENT SURFACES, AS REQUIRED BY ADAAG SECTION 4.29.2. THE COUNTY ENGINEER MUST APPROVE THE TRUNCATED DOME WARNING AREA COLOR PRIOR TO CONSTRUCTION.
3. CONTRASTING COLOR REQUIREMENT SHALL BE MET BY TRUNCATED DOME SECTIONS AND NOT BY USE OF COLORED CONCRETE.
4. DETECTABLE WARNING SHALL BE ON CDOT'S APPROVED MATERIALS LIST. A SAMPLE OF THE DETECTABLE WARNING (TRUNCATED DOMES) TO BE USED ON THE PROJECT SHALL BE SUBMITTED TO AND ACCEPTED BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.
5. ALL DETECTABLE WARNING AREAS SHALL START A MINIMUM OF 6 INCHES AND A MAXIMUM OF 5 FEET FROM THE FLOW LINE OF THE CURB UNLESS INSTALLED AT CUT–THROUGH REFUGE ISLANDS, IN WHICH CASE THE DWA WILL START AT THE EDGE OF THE ISLAND. ALL DETECTABLE WARNING AREAS SHALL BE 24 INCHES IN LENGTH AND COVER THE COMPLETE WIDTH OF THE RAMP AREA ONLY.
6. SURFACE APPLIED TRUNCATED DOME PANELS ARE ONLY ALLOWED ON PRE–EXISTING CURB RAMPS AND ARE NOT ALLOWED IN NEW CONSTRUCTION.

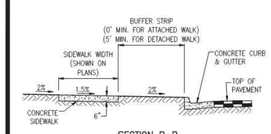
APPROVED BY DOUGLAS COUNTY	CURB RAMP & DETECTABLE WARNING AREA NOTES	Issued: 05/2013
Janet Herman JANET HERMAN, P.E. DIRECTOR OF PUBLIC WORKS ENGINEERING DATE 06/18/2021	DOUGLAS COUNTY COLORADO	Revised: 05/2021 Drawing No. SP.18a

GENERAL NOTES

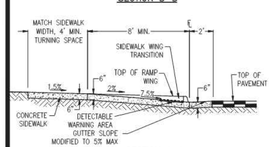
1. DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, JUNCTION BOXES, OR OTHER OBSTRUCTIONS ARE NOT ALLOWED IN FRONT OF RAMP ACCESS AREAS.
2. RAMP SLOPES SHALL NOT BE STEEPER THAN 7.5%.
- REQUIRED SPOT ELEVATION



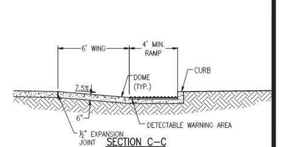
PLAN



SECTION B–B



SECTION A–A

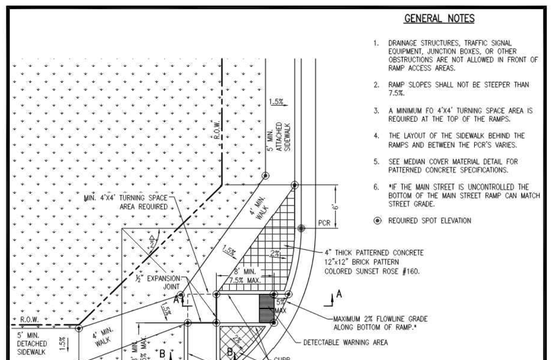


SECTION C–C

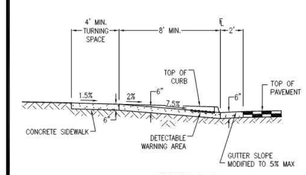
APPROVED BY DOUGLAS COUNTY	CURB RAMP FOR CURB RETURN RADIUS OF 20' TO 30'	Issued: 05/2013
Janet Herman JANET HERMAN, P.E. DIRECTOR OF PUBLIC WORKS ENGINEERING DATE 07/2021	DOUGLAS COUNTY COLORADO	Revised: 07/2021 Drawing No. SP.19a

GENERAL NOTES

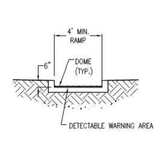
1. DRAINAGE STRUCTURES, TRAFFIC SIGNAL EQUIPMENT, JUNCTION BOXES, OR OTHER OBSTRUCTIONS ARE NOT ALLOWED IN FRONT OF RAMP ACCESS AREAS.
2. RAMP SLOPES SHALL NOT BE STEEPER THAN 7.5%.
3. A MINIMUM FO 4'X4' TURNING SPACE AREA IS REQUIRED AT THE TOP OF THE RAMPS.
4. THE LAYOUT OF THE SIDEWALK BEHIND THE RAMPS AND BETWEEN THE PCR'S VARIES.
5. SEE MEDIAN COVER MATERIAL DETAIL FOR PATTERNED CONCRETE SPECIFICATIONS.
6. *IF THE MAIN STREET IS UNCONTROLLED THE BOTTOM OF THE MAIN STREET RAMP CAN MATCH STREET GRADE.
- REQUIRED SPOT ELEVATION



PLAN



SECTION A–A



SECTION B–B

APPROVED BY DOUGLAS COUNTY	CURB RAMP FOR CURB RETURN RADIUS OF 35' TO 50'	Issued: 05/2013
Janet Herman JANET HERMAN, P.E. DIRECTOR OF PUBLIC WORKS ENGINEERING DATE 12/13/2024	DOUGLAS COUNTY COLORADO	Revised: 12/2024 Drawing No. SP.19b

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
9220 Kimmer Drive, Suite 100
Lone Tree, CO 80124
tel 303.708.1818

South Suburban Park & Recreation
Park Operator
4810 E County Line Rd
Littleton, CO 80126
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Tryba Architects
Architect
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Martin/Martin
Civil Engineer
tel 303.431.6100

Thornton Tomasetti
Structural Engineers
tel 303.876.5700

Azure Engineering LLC
Irrigation Consultant
tel 970.980.8533

illume
Architectural Lighting
tel 303.421.6655

ME Engineers
Mechanical, Electrical & Plumbing
tel 303.421.6655

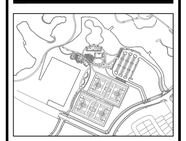
Shen Milsom & Wilke (SM&W)
Acoustics, Audiovisual, Information Technology & Security
tel 720.482.0770

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Branding, Signage & Wayfinding
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Fountain Source
Water Feature Consultant
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Roxbox
Container Architect
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NOT FOR CONSTRUCTION

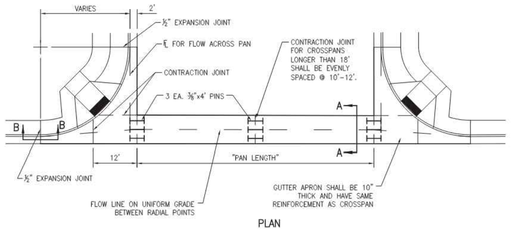
Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

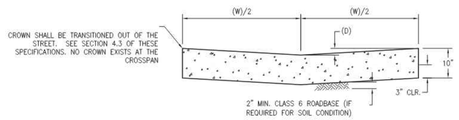
SITE DETAILS

Sheet number

C7.00

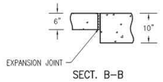


PLAN



SECTION A–A

FIBERMESH MIXED AT 1½ LBS. / C.Y. CONCRETE.

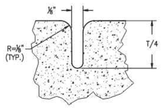


SECT. B–B

WIDTH (W)	DEPTH (D)	THICKNESS (T)
8'	2"	10"
10'	2½"	10"

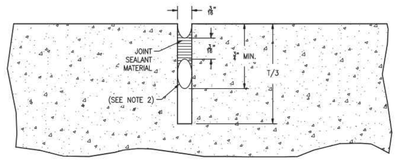
NOTE: LOCAL STREET INTERSECTIONS REQUIRE AN 8' CROSSPAN. COLLECTOR STREET INTERSECTIONS REQUIRE AN 10' CROSSPAN. CROSSPANS ARE NOT ALLOWED AT ANY ARTERIAL STREET INTERSECTIONS.

	CROSSPAN	Issued: 05/2013
	DOUGLAS COUNTY COLORADO	Revised: 09/2017
		Drawing No. **SP.21**



CONTRACTION OR WEAKEN PLANE JOINT

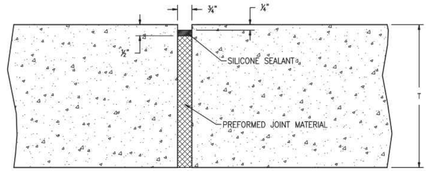
N.T.S.



NOTE: WASH & BLOW OUT WITH FORCED AIR UNTIL DRY BEFORE APPLYING SEALANT MATERIAL.

SAWED JOINT

N.T.S.



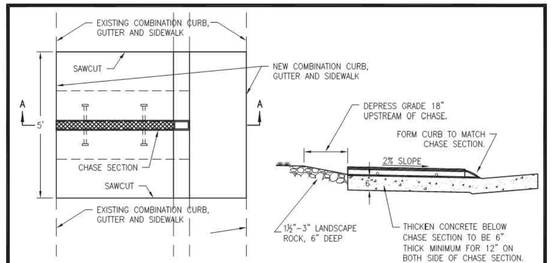
EXPANSION JOINT

N.T.S.

NOTES:

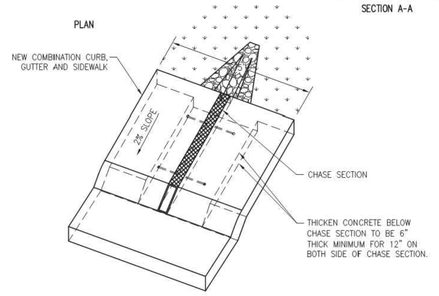
1. JOINT SEALANT MATERIAL MUST BE ON CDOT APPROVED PRODUCTS LIST.
2. ⅜" DIA. BACKER ROD.

APPROVED BY DOUGLAS COUNTY *Janet Herman* JANET HERMAN, P.E. DIRECTOR OF PUBLIC WORKS ENGINEERING DATE 06/18/2021	**CONCRETE JOINTS**	Issued: 05/2013
	DOUGLAS COUNTY COLORADO	Revised: 07/2020
		Drawing No. **SP.31**



SECTION A-A

PLAN

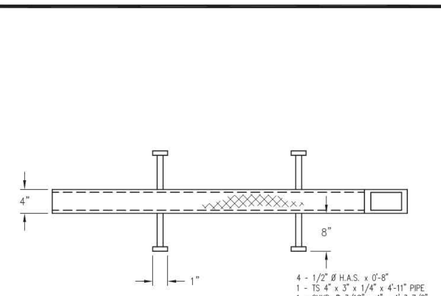


ISOMETRIC VIEW

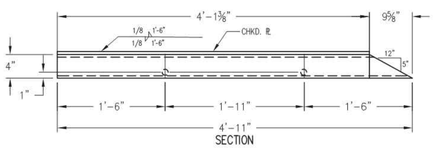
NOTES:

1. SAWCUT ALL AREAS TO RECEIVE CHASE SECTION.
2. THE USE OF THIS DETAIL MUST BE PREAPPROVED BY DOUGLAS COUNTY ENGINEERING DIVISION PRIOR TO CONSTRUCTION IN R.O.W.
3. **DIRECT CONNECTION TO YARD PIPES WILL NOT BE ALLOWED.**
4. CHASE DRAIN SHALL BE LOCATED 2.5' MIN. FROM PROPERTY LINE.

	RESIDENTIAL SIDEWALK CURB CHASE PLAN	Issued: 05/2013
	DOUGLAS COUNTY COLORADO	Revised:
		Drawing No. **SP.53a**



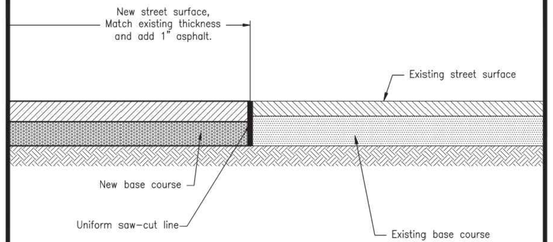
PLAN



SECTION

GALV. AFTER FAB.
M 111-68 / A 123-68

	RESIDENTIAL SIDEWALK CURB CHASE DETAIL	Issued: 05/2013
	DOUGLAS COUNTY COLORADO	Revised:
		Drawing No. **SP.53b**



NOTES:

1. This Street Cut/Patching detail specifies requirements in addition to those specified in the latest edition of the Colorado Department of Transportation's Standard Specifications for Road and Bridge Construction.
2. A Construction Traffic Control Plan shall be submitted to and approved by Douglas County prior to issuance of Construction Permits in the County Right-Of-Way.
3. Pavement edges shall be saw-cut and kept to a neat vertical edge prior to paving.
4. Edges shall be tack coated prior to patching.

APPROVED BY DOUGLAS COUNTY *Janet Herman* JANET HERMAN, P.E. DIRECTOR OF PUBLIC WORKS ENGINEERING DATE 06/18/2021	**ASPHALT STREET CUT/PATCHING**	Issued: 05/2013
	DOUGLAS COUNTY COLORADO	Revised: 05/2021
		Drawing No. **SP.62**

HIGH NOTE REGIONAL PARK

High Note Regional Park
A Portion of RidgeGate Planned Development, 7th Amendment Tract AJ & Tract AQ, RidgeGate SW Village Filing No. 1 80 Acres, SP26-0002

City of Lone Tree
Client
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Water Feature Consultant
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Container Architect
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NOT FOR CONSTRUCTION

Rev	Date	Description
	03/02/2026	50% CD
	04/06/2026	CITY SUBMITTAL

Sheet description

SITE DETAILS

Sheet number

C7.01