Chase Bank

Lot 4A-1, Heritage Hills Filing No. 1-F 2nd Amendment - Civil Construction Plans

Lone Tree, Colorado

Southwest Quarter of Section 10, T6S, R67W of the 6th Principal Meridian

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LOCATION MAP

CONTACTS

OWNER/DEVELOPER:

2620 E. CAMELBACK RD.

SCOTTSDALE, AZ 85016

JUDITH A. VAN HOUTEN

FARNSWORTH GROUP

GREENWOOD VILLAGE, CO 80111

CHASE BANK

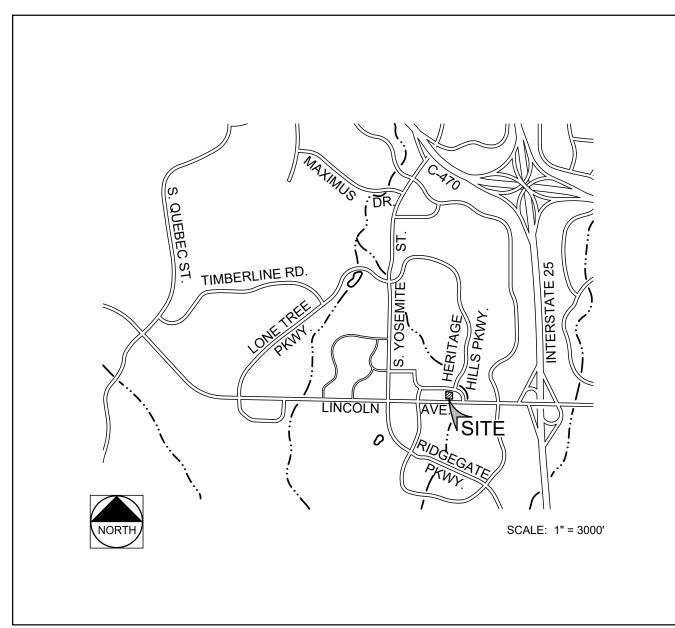
(602) 221-4772

5613 DTC PKWY.

JAY M. NEWELL

(303) 692-8838

ENGINEER:



MANUAL.

5 / 14 / 24

FOR AND ON BEHALF OF FARNSWORTH GROUP, INC.

JAY M.NEWELL, PE

ENGINEERING NOTE

THESE CONSTRUCTION PLANS FOR LOT 4A-1, HERITAGE HILLS FILING NO. 1-F,

IN ACCORDANCE WITH THE REQUIREMENTS OF DOUGLAS COUNTY'S ROADWAY

TECHNICAL CRITERIA, AND THE GRADING, EROSION AND SEDIMENT CONTROL

DESIGN AND CONSTRUCTION STANDARDS, STORM DRAINAGE DESIGN AND

2ND AMENDMENT WERE PREPARED BY ME (OR UNDER MY DIRECT SUPERVISION)

CITY OF LONE TREE GENERAL NOTES

THIS DOCUMENT.

- ALL ROADWAY CONSTRUCTION SHALL CONFORM TO CURRENT DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF LONE TREE ENGINEERING DIVISION. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS, INSPECTION SECTION, (303) 662-8112, A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO STARTING CONSTRUCTION, AND/OR BEFORE RESTARTING CONSTRUCTION AFTER A SHUTDOWN OF MORE THAN
- LOCATION OF EXITING FACILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION, CONTACT: UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT (800) 922-1987 OR 811.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY (SIGNED BY BOTH THE DESIGN ENGINEER AND CITY OF LONE TREE) OF THE CONSTRUCTION PLANS AND GESC REPORT AND PLAN, AND ONE (1) COPY OF THE DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS AT THE JOB SITE AT ALL TIMES.

ALL PROPOSED STREET CUTS TO EXISTING PAVEMENTS FOR UTILITIES

NOT APPLICABLE

- A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR ACCEPTANCE WITH THE PERMIT APPLICATION. AN EXCAVATION OR PUBLIC IMPROVEMENTS CONSTRUCTION PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION.
- 10. THE CONSTRUCTION PLANS SHALL BE CONSIDERED VALID FOR TWO (2) YEARS FROM THE DATE OF CITY OF LONE TREE ACCEPTANCE/APPROVAL. IF APPLICABLE CONSTRUCTION PERMITS HAVE NOT BEEN OBTAINED. AND CONSTRUCTION STARTED WITHIN THAT TIME, THESE PLANS SHALL BE VOID AND WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF
- 11. CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE ENGINEER INSPECTOR WHEN WORKING OUTSIDE OF THE PUBLIC RIGHT-OF-WAY ON ANY FACILITY WHICH WILL BE CONVEYED TO THE CITY, URBAN DRAINAGE AND FLOOD CONTROL DISTRICT, OR OTHER SPECIAL DISTRICT FOR MAINTENANCE (STORM SEWER, ENERGY DISSIPATERS, DETENTION OUTLET STRUCTURES, OR OTHER DRAINAGE INFRASTRUCTURES). FAILURE TO NOTIFY ENGINEERING INSPECTOR TO ALLOW THEM TO INSPECT THE CONSTRUCTION MAY RESULT IN NON-ACCEPTANCE OF THE FACILITIES/INFRASTRUCTURE BY CITY AND/OR URBAN DRAINAGE.

NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING IMPROVEMENTS AND UTILITIES AND SHALL REPAIR ANY DAMAGE AT HIS EXPENSE.



City of Lone Tree
Date
These construction plans have been reviewed by the City of Lone Tree for street and

drainage, signage and striping, and grading and erosion control improvements only.

Engineering Division Acceptance Block

Farnsworth

5613 DTC PARKWAY, SUITE 1100 GREENWOOD VILLAGE, COLORADO 80111 (303) 692-8838 / info@f-w.com

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DATE: DESCRIPTION:

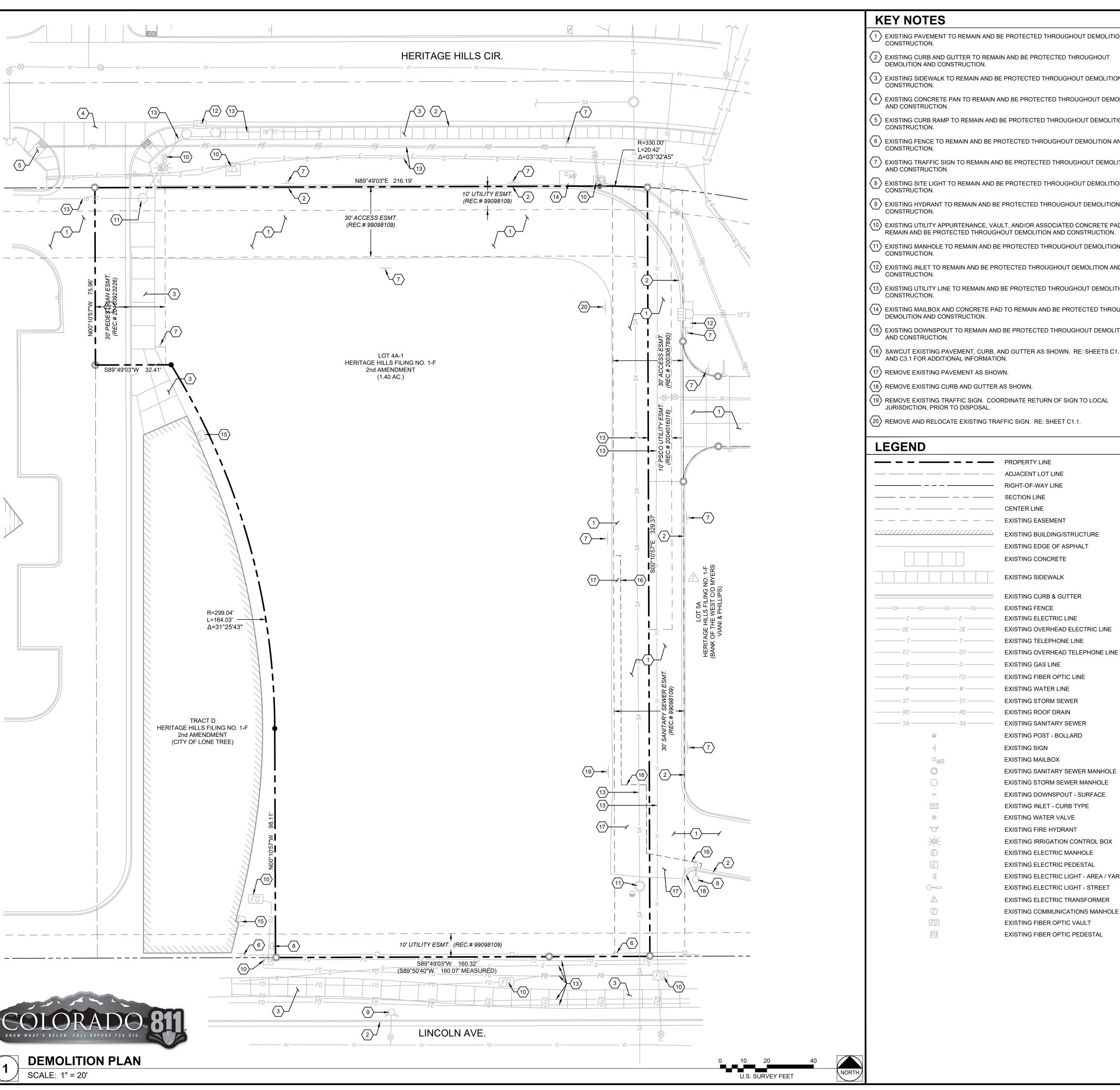
| Chase Bank Lone Tree, Colorado

9550 Heritage Hills Circle Lone Tree, Colorado 80124

04/29/2024 DATE: **DESIGNED:** JMN JMN DRAWN: JMN REVIEWED: FIELD BOOK NO.:

COVER SHEET

0231559.00



KEY NOTES

- 1 EXISTING PAVEMENT TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND
- 2 EXISTING CURB AND GUTTER TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- 3 EXISTING SIDEWALK TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- 4 EXISTING CONCRETE PAN TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- 5 EXISTING CURB RAMP TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND
- \langle $_{6}$ \rangle EXISTING FENCE TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND
- 7 EXISTING TRAFFIC SIGN TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION
- AND CONSTRUCTION. \langle 8 angle EXISTING SITE LIGHT TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND
- CONSTRUCTION. $^{(9)}$ EXISTING HYDRANT TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND
- 10 EXISTING UTILITY APPURTENANCE, VAULT, AND/OR ASSOCIATED CONCRETE PAD TO
- 11) EXISTING MANHOLE TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- 12 EXISTING INLET TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- 13 EXISTING UTILITY LINE TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- $\langle 14
 angle$ EXISTING MAILBOX AND CONCRETE PAD TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- 15 EXISTING DOWNSPOUT TO REMAIN AND BE PROTECTED THROUGHOUT DEMOLITION AND CONSTRUCTION.
- $^{'}$ 16 $^{'}$ SAWCUT EXISTING PAVEMENT, CURB, AND GUTTER AS SHOWN. RE: SHEETS C1.1, C2.1, AND C3.1 FOR ADDITIONAL INFORMATION.
- 17 REMOVE EXISTING PAVEMENT AS SHOWN.
- 18 REMOVE EXISTING CURB AND GUTTER AS SHOWN.
- 19) REMOVE EXISTING TRAFFIC SIGN. COORDINATE RETURN OF SIGN TO LOCAL JURISDICTION, PRIOR TO DISPOSAL.
- $\langle 20 \rangle$ REMOVE AND RELOCATE EXISTING TRAFFIC SIGN. RE: SHEET C1.1.

LEGEND

	PROPERTY LINE
	ADJACENT LOT LINE
	RIGHT-OF-WAY LINE
	SECTION LINE
	CENTER LINE
	EXISTING EASEMENT
///////////////////////////////////////	EXISTING BUILDING/STRUCTURE
	EXISTING EDGE OF ASPHALT
	EXISTING CONCRETE
	EXISTING SIDEWALK
	EXISTING CURB & GUTTER
	EXISTING FENCE
EE	EXISTING ELECTRIC LINE
OE — OE —	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING TELEPHONE LINE

EXISTING OVERHEAD TELEPHONE LINE EXISTING GAS LINE EXISTING FIBER OPTIC LINE **EXISTING WATER LINE** EXISTING STORM SEWER EXISTING ROOF DRAIN

EXISTING SANITARY SEWER

EXISTING POST - BOLLARD EXISTING SIGN EXISTING MAILBOX EXISTING SANITARY SEWER MANHOLE EXISTING STORM SEWER MANHOLE EXISTING DOWNSPOUT - SURFACE

EXISTING INLET - CURB TYPE EXISTING WATER VALVE EXISTING FIRE HYDRANT EXISTING IRRIGATION CONTROL BOX

EXISTING ELECTRIC MANHOLE EXISTING ELECTRIC PEDESTAL EXISTING ELECTRIC LIGHT - AREA / YARD EXISTING ELECTRIC LIGHT - STREET EXISTING ELECTRIC TRANSFORMER

> EXISTING FIBER OPTIC VAULT EXISTING FIBER OPTIC PEDESTAL

EXISTING COMMUNICATIONS MANHOLE

GENERAL NOTES

DEMOLITION.

- ALL DEMOLITION, REMOVAL, DISPOSAL AND ABANDONMENT OF UTILITIES, STRUCTURES, SITE IMPROVEMENTS AND SITE FURNISHINGS SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- CONTRACTOR SHALL VERIFY ALL UTILITY MAIN AND LATERAL LOCATIONS AND EXISTING SITE CONDITIONS PRIOR TO PROCEEDING WITH DEMOLITION. ANY SITE CONDITIONS THAT ARE NOT AS SHOWN ON THE DEMOLITION PLAN MUST BE REPORTED TO CONSTRUCTION MANAGER PRIOR TO BID.
- CONTRACTOR SHALL REMOVE OR RELOCATE EXISTING UTILITIES PER UTILITY COMPANY REQUIREMENTS. CONTRACTOR SHALL COORDINATE REMOVALS AND/OR RELOCATIONS WITH THE APPROPRIATE UTILITY COMPANY AND
- CONSTRUCTION MANAGER PRIOR TO DEMOLITION. THE CONTRACTOR SHALL VERIFY ALL UTILITIES HAVE BEEN DISCONNECTED AS REQUIRED FOR THE WORK.
- CONTRACTOR SHALL ERECT BARRIERS, FENCES, GUARDRAILS, ENCLOSURES, ETC. TO PROTECT THE SITE. THE PROTECTION PLAN MUST BE REVIEWED BY CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL (SIGNS, BARRICADES, FLAGMEN, LIGHTS, ETC) IN ACCORDANCE WITH THE MUTCD, CURRENT EDITION AND THE GOVERNING JURISDICTION'S STANDARDS AND SPECIFICATIONS AS REQUIRED FOR THE WORK.

CONSTRUCTION MANAGER WILL DETERMINE WHEN CONDITIONS ARE SUITABLE TO COMMENCE WORK. THE CONTRACTOR SHALL VERIFY AREAS TO BE DEMOLISHED ARE UNOCCUPIED AND NOT IN USE PRIOR TO DEMOLITION.

- CONTRACTOR SHALL DISPOSE OF AND TRANSPORT DEBRIS TO AREA(S) OBTAINED BY CONTRACTOR. CONTRACTOR SHALL NOT STORE OR BURN MATERIALS ON SITE. CONTRACTOR SHALL HANDLE AND DISPOSE OF ALL DEBRIS IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. DISPOSAL SHALL BE TRANSPORTED TO AN APPROVED LANDFILL OR OTHER APPROVED FACILITY.
- THE CONTRACTOR SHALL FILL AND COMPACT BASEMENTS, CESSPOOLS, AND OTHER LARGE EXCAVATED AREAS WITH CLEAN FILL SUITABLE TO CONSTRUCTION MANAGER AND IN ACCORDANCE WITH RECOMMENDATIONS OBTAINED FROM THE GEOTECHNICAL INVESTIGATION OR GEOTECHNICAL ENGINEER. GRADE TO MATCH EXISTING OR PROPOSED FINISH GRADE.
- 0. CONTRACTOR SHALL COORDINATE ALL SALVAGE WITH CONSTRUCTION MANAGER PRIOR TO DEMOLITION.
- . ALL UNDERGROUND STORM SEWER, WATER, SANITARY SEWER, GAS, ELECTRIC, AND OTHER UTILITY LOCATIONS; AND EXISTING SITE APPURTENANCES AND FURNISHINGS ARE BASED ON THE ALTA/NSPS SURVEY PREPARED FOR THE SITE AND FROM MAPS PROVIDED BY THE CITY AND ARE TO BE CONSIDERED APPROXIMATE ONLY. IF CONTRACTOR DOES NOT ACCEPT MAPPING AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN HE SHALL, AT HIS EXPENSE, HAVE A SURVEY PREPARED BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO CONSTRUCTION MANAGER FOR ACCEPTANCE AND APPROVAL. ALL QUESTIONS IN REGARD TO DEMOLITION SHALL BE SUBMITTED TO CONSTRUCTION MANAGER IN WRITING PRIOR TO BID.
- 12. CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES REQUIRED FOR DEMOLITION OF WORK SHOWN.
- 13. CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION AND BENCHMARK(S). CONTRACTOR SHALL HAVE A LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THE CONTRACTOR'S COST.
- 14. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, FEATURES, IMPROVEMENTS. AND UTILITIES (OVERHEAD OR UNDERGROUND) AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ALL RESULTANT COSTS DUE TO SUCH DAMAGES.
- 15. THIS PLAN PROVIDES GENERAL DEMOLITION INFORMATION ONLY, AND DOES NOT NECESSARILY REPRESENT ALL ITEMS REQUIRED TO BE DEMOLISHED.
- 16. REFER TO SHEET C0.0 AND C0.1 FOR ADDITIONAL GENERAL NOTES.



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Chase Bank Lone Tree, Colorado

9550 Heritage Hills Circle Lone Tree, Colorado 80124

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Engineering Division Acceptance Block

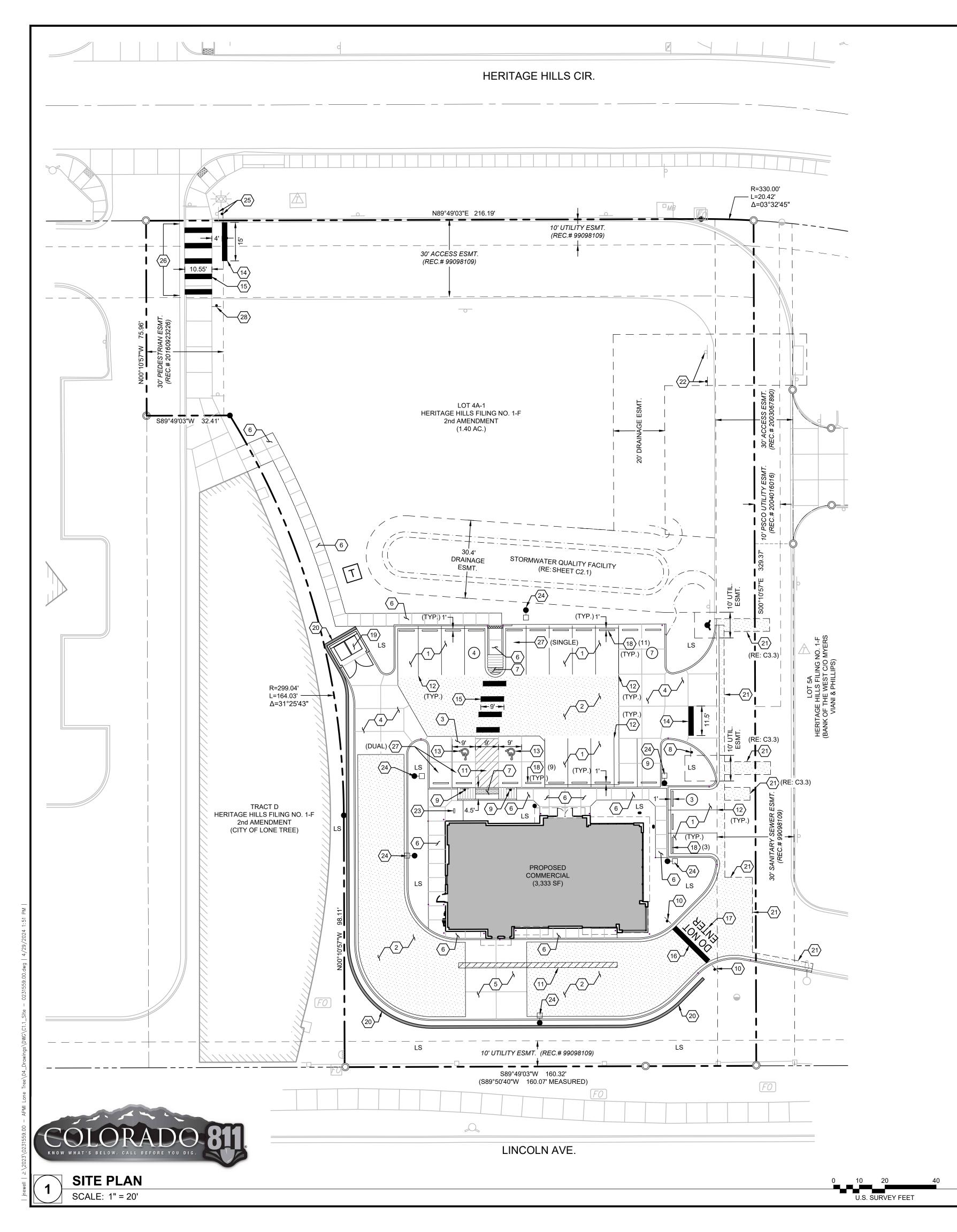
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04/29/2024 DATE: **DESIGNED:** JMN JMN DRAWN: JMN REVIEWED: FIELD BOOK NO.:

DEMOLITION PLAN

SHEET NUMBER:

PROJECT NO.



KEY NOTES

- 1 CONSTRUCT LIGHT DUTY ASPHALT PAVEMENT (MINIMUM), SEE PAVING NOTE (THIS
- 2 CONSTRUCT HEAVY DUTY ASPHALT PAVEMENT (MINIMUM), SEE PAVING NOTE (THIS
- 3~
 angle CONSTRUCT LIGHT DUTY INTEGRALLY COLORED BLACK CONCRETE PAVEMENT WITH #4 REINFORCING AT 18" O.C.E.W., SEE PAVING NOTE (THIS SHEET) AND SITE LAYOUT PLAN FOR ADDITIONAL JOINT INFORMATION. COLOR ADDITIVE SHALL BE 9.5 LBS OF "GRAPHITE" PER SACK OF CEMENT.
- 4 CONSTRUCT HEAVY DUTY CONCRETE PAVEMENT WITH #4 REINFORCING AT 18" O.C.E.W., SEE PAVING NOTE (THIS SHEET) AND SITE LAYOUT PLAN FOR ADDITIONAL
- 5~
 angle CONSTRUCT HEAVY DUTY INTEGRALLY COLORED BLACK CONCRETE PAVEMENT WITH #4 REINFORCING AT 18" O.C.E.W., SEE PAVING NOTE (THIS SHEET) AND SITE LAYOUT PLAN FOR ADDITIONAL JOINT INFORMATION. COLOR ADDITIVE SHALL BE 9.5 LBS OF "GRAPHITE" PER SACK OF CEMENT.
- $^{'}$ 6 $^{\rangle}$ CONSTRUCT PRIVATE CONCRETE SIDEWALK. RE: SHEET C9.1, DETAIL 1.
- 7 CONSTRUCT PRIVATE CURB RAMP; TYPE AS SHOWN. RE: SHEET C9.1, DETAIL 2.
- 8 NSTALL "STOP" SIGN. RE: SHEET C9.1, DETAIL 3.
- 9 > INSTALL HANDICAP PARKING SIGN. INCLUDE "VAN" PLACARD WHERE SHOWN. RE: SHEET C9.1, DETAIL 3.
- 10 INSTALL "DO NOT ENTER" SIGN. RE: SHEET C9.1, DETAIL 3.
- 1) PAINT 4-INCH WIDE WHITE DIAGONAL STRIPES 2-FEET ON-CENTER WITH 4-INCH WIDE, WHITE BORDER STRIPES AS SHOWN.
- 12 PAINT 4-INCH WIDE, WHITE PARKING LOT STRIPES AS SHOWN.
- 13 PAINT HANDICAP SYMBOL. RE: SHEET C9.1, DETAIL 4.
- 14angle PAINT OR INSTALL 2-FT WIDE WHITE STOP BAR AT LENGTH PER PLAN, AS SHOWN.
- 15 PAINT OR INSTALL 2-FT WIDE WHITE PEDESTRIAN CROSSWALK BARS AT LENGTH PER PLAN, 6-FEET ON CENTER.
- 16 PAINT OR INSTALL 2-FT WIDE BY 18.5-FOOT LONG WHITE STOP BAR AS SHOWN.
- 17 \rangle PAINT OR INSTALL "DO NOT ENTER" WITH 3-FOOT HIGH LETTER(S) ±2.4-FEET ON CENTER AS SHOWN.
- 18 INSTALL WHEEL STOPS. RE: ARCH. PLANS.
- 19) CONSTRUCT TRASH ENCLOSURE. RE: ARCH. PLANS.
- $\langle 20
 angle$ CONSTRUCT RETAINING WALL. RE: SHEET C1.2 FOR HORIZONTAL LAYOUT AND SHEET C3.1 FOR FINISH GRADE AT TOP OF WALL AND BOTTOM WALL ELEVATIONS. REFER TO PLANS UNDER SEPARATE COVER FOR CONSTRUCTION DETAIL(S).
- lpha1 angle SAWCUT EXISTING PAVEMENT, CURB, AND GUTTER AS SHOWN. RE: SHEETS CD1.1, C2.1, AND C3.1 FOR ADDITIONAL INFORMATION.
- P2 RELOCATE OR INSTALL "NO PARKING FIRE LANE" SIGN TO MATCH EXISTING. RE: SHEET C9.1, DETAIL 3 FOR POLE AND BASE.
- 23) INSTALL BIKE RACK. RE: SHEET C9.1, DETAIL 8.
- 24) INSTALL SITE LIGHTING, INCLUDING BUT NOT LIMITED TO BASE, POLE, FIXTURE, AND CONNECTION HARDWARE. RE: C3.1.
- 25 RELOCATE OR INSTALL "STOP" SIGN TO MATCH EXISTING. RE: SHEET C9.1, DETAIL 3 FOR POLE AND BASE.
- 26 REMOVE AND REPLACE CRACKED AND/OR UNEVEN CONCRETE PANELS AT TRAIL CROSSING. COORDINATE WITH CITY PRIOR TO CONSTRUCTION.
- 7 angle CONSTRUCT SINGLE OR DUAL EV CAPABLE PARKING STALL(S) (SEE PLAN). CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND OWNER CONSTRUCTION MANAGER FOR ADDITIONAL INFORMATION REGARDING SPECIFIC IMPROVEMENTS REQUIRED INCLUDING, BUT NOT LIMITED TO, CHARGING STATION FOUNDATION. CONCRETE PAD, ANCHORING SYSTEM(S), PROTECTIVE CURBING AND/OR BOLLARD(S), SERVICE CONDUIT(S), AND PULL BOXES PRIOR TO CONSTRUCTION.
- 28) INSTALL WAYFINDING SIGN. RE: SHEET C9.1, DETAIL 3.

LEGEND

	PROPERTY LINE
	ADJACENT LOT LINE
	RIGHT-OF-WAY LINE
	CENTER LINE
	EXISTING EASEMENT
	PROPOSED EASEMENT
<u>'////////////////////////////////////</u>	EXISTING BUILDING/STRUCTURE
	EXISTING EDGE OF ASPHALT
	EXISTING SIDEWALK
	EXISTING CURB & GUTTER
	HEAVY DUTY ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB & GUTTER
	EXISTING FENCE
	SAWCUT LINE
(5)	PARKING COUNT
LS	LANDSCAPE AREA
0	PROPOSED MANHOLE
⊕	EXISTING POST - BOLLARD
þ	EXISTING SIGN
□ _{MB}	EXISTING MAILBOX
	EXISTING SANITARY SEWER MANHOLE
D	EXISTING DOWNSPOUT - SURFACE
	EXISTING INLET - CURB TYPE

EXISTING WATER VALVE EXISTING FIRE HYDRANT

EXISTING IRRIGATION CONTROL BOX

EXISTING ELECTRIC LIGHT - STREET

EXISTING COMMUNICATIONS MANHOLE

EXISTING ELECTRIC PEDESTAL

EXISTING FIBER OPTIC VAULT

EXISTING FIBER OPTIC PEDESTAL

GENERAL NOTES

- REFER TO SHEET C0.0 AND C0.1 FOR ADDITIONAL GENERAL NOTES.
 - CONTRACTOR SHALL CONFIRM WITH THE CITY WHICH CITY OF LONE TREE SIGNAGE AND STRIPING NOTES ARE APPLICABLE TO THE ON SITE CONSTRUCTION, PRIOR TO CONSTRUCTION.

PAVING NOTE

ALL PAVING, INCLUDING CURB, GUTTER, AND SIDEWALK, TO BE INSTALLED OUTSIDE OF THE RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION PAVEMENT RECOMMENDATIONS INCLUDING, BUT NOT LIMITED TO, THE PAVEMENT SECTION, MATERIAL, AND SUBGRADE PREPARATION. THE CONTRACTOR SHALL COORDINATE APPROVAL FOR INSTALLATION OF ANY ALTERNATE RECOMMENDATIONS INCLUDED IN THE INVESTIGATION OR DESIRED MODIFICATIONS TO THE RECOMMENDATIONS WITH THE OWNER/DEVELOPER AND/OR THEIR CONSTRUCTION MANAGER PRIOR TO BID AND PRIOR TO CONSTRUCTION. FOR GEOTECHNICAL INVESTIGATIONS WHICH DO NOT SPECIFICALLY ADDRESS CURB GUTTER, SIDEWALK AND SIMILAR IMPROVEMENTS NOT SUBJECT TO VEHICULAR LOADS CONCRETE SHALL BE CDOT CLASS B, IN ACCORDANCE WITH CDOT STANDARDS AND SPECIFICATIONS.

CONSTRUCTION MANAGER COORD. NOTE

THE CONTRACTOR IS TO COORDINATE THE MATERIALS PROVISION, PLACEMENT ORIENTATION, LAYOUT AND INSTALLATION OF ANY PROTOTYPICAL SITE APPURTENANCES WITH THE OWNER/DEVELOPER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, SITE DIRECTIONAL A RESTRICTION / COMPLIMENTARY PYLON / MONUMENT SIGNAGE, CLEARANCE BAR, DETECTOR LOOPS, DIRECTIONAL PAVEMENT MARKINGS, AND ASSOCIATED CONDUITS

CITY OF LONE TREE SIGNAGE AND STRIPING NOTES

- ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT VERSION OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE "COLORADO SUPPLEMENTAL MUTCD" AND THE DOUGLAS COUNTY "ROAD AND CONSTRUCTION STANDARDS MANUAL". FURTHER SPECIFICATIONS AND ILLUSTRATIONS ARE LOCATED IN THE COLORADO DIVISION OF HIGHWAYS "M AND S STANDARDS".
- DELINEATION OF ROADWAYS SHALL BE AS SPECIFIED IN THE COLORADO "M AND
- SPECIAL CARE SHALL BE TAKEN IN SIGN LOCATION TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN. STREET NAME SIGNS SHALL BE MOUNTED SO THAT THEY CAN BE SEEN FROM ALL DIRECTIONS OF TRAVEL.
- INSTALLATION OF SIGNS SHALL CONFORM TO THE MUTCD MOUNTING HEIGHT REQUIREMENTS, INCLUDING A 7-FOOT MINIMUM HEIGHT FROM THE BOTTOM OF THE LOWEST SIGN PANEL TO THE TOP GRADE OF SIDEWALK.
- ALL NEWLY INSTALLED TRAFFIC SIGNS SHALL MEET THE MINIMUM RETRO-REFLECTIVITY AND ILLUMINATION STANDARDS AS SET FORTH BY THE MUTCD (LATEST EDITION). THESE MINIMUM REQUIREMENTS SHALL FALL UNDER THE REQUIREMENTS OF THE TWO (2) YEAR WARRANTY PERIOD FOR NEW CONSTRUCTION.
- DIAMOND GRADE MATERIAL SHALL BE USED ON ALL STOP SIGNS.
- THE CONTRACTOR INSTALLING SIGNS IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES. LONE TREE PUBLIC WORKS SHALL BE CONTACTED A MINIMUM OF 72 HOURS PRIOR TO INSTALLATION AT 303-662-8112.
- FOLLOWING INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS DEPARTMENT, 303-662-8112. A FIELD INSPECTION OF LOCATION AND INSTALLATION OF ALL SIGNS SHALL BE PERFORMED BY PUBLIC WORKS. ALL DISCREPANCIES IDENTIFIED DURING THE FIELD INSPECTION MUST BE CORRECTED BEFORE THE TWO-YEAR WARRANTY PERIOD WILL BEGIN.
- SIGNAGE AND STRIPING HAS BEEN DETERMINED BY INFORMATION AVAILABLE AT THE TOME OF REVIEW. PRIOR TO INITIATION OF THE WARRANTY PERIOD, LONE TREE RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO EXISTING OF INSTALLATION OF OF ADDITIONAL SIGNAGE AND/OR STRIPING IF THEY DETERMINE THAT AN UNFORESEEN CONDITION WARRANTS SUCH MODIFICATION ACCORDING TO THE MUTCD OR THE CDOT M AND S STANDARDS. ALL SIGNAGE AND STRIPING SHALL FALL UNDER THE REQUIREMENTS OF THE TWO (2) YEAR WARRANTY PERIOD FOR NEW CONSTRUCTION.
- 10. FINAL STRIPING AND CROSSWALK LAYOUT TO BE APPROVED BY THE CITY OF LONE TREE PRIOR TO INSTALLATION. LONE TREE PUBLIC WORKS SHALL BE CONTACTED A MINIMUM OF 72 HOURS PRIOR TO INSTALLATION AT 303-662-8112.
- I. CROSSWALKS SHALL:

BE CONSTRUCTED USING 125 MIL PREFORMED THERMOPLASTIC. LINE UP WITH THE HANDICAP RAMPS AT BOTH ENDS. BE CENTERED ON LANE LINES SO AS TO BE STRADDLED BY VEHICLES.

12. ALL PAVEMENT MARKINGS SHALL BE AS FOLLOWS:

FOR CONCRETE SURFACE: METHYL METHACRYLATE OR EPOXY PAINT. FOR ASPHALT SURFACE: PAINT, 90 MIL PREFORMED THERMOPLASTIC, INLAID MARKING TAPE, METHYL METHACRYLATE, OR EPOXY PAINT. TURN ARROWS AND ONLYS: 125 MIL PREFORMED THERMOPLASTIC.

- 13. ALL PAVEMENT MARKING SHALL BE PRECEDED BY THE APPROPRIATE SURFACE PREPARATION.
- 14. ANY SIGNAGE AND/OR OTHER TRAFFIC CONTROL DEVICES REMOVED SHALL BE RETURNED TO THE CITY OF LONE TREE.
- 15. TYPE III LIGHTED BARRICADES SHALL BE SET AT ENDS OF ROADWAYS, SEPARATING FINISHED AND UNFINISHED CONSTRUCTION AREAS AND WILL BE MAINTAINED BY THE CONTRACTOR/DEVELOPER.

CAUTION - NOTICE TO CONTRACTOR

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> City of Lone Tree These construction plans have been reviewed by the City of Lone Tree for street and drainage, signage and striping, and grading and erosion control improvements only.

Engineering Division Acceptance Block



5613 DTC PARKWAY, SUITE 1100 GREENWOOD VILLAGE, COLORADO 80111 (303) 692-8838 / info@f-w.com

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Chase Bank Lone Tree, Colorado

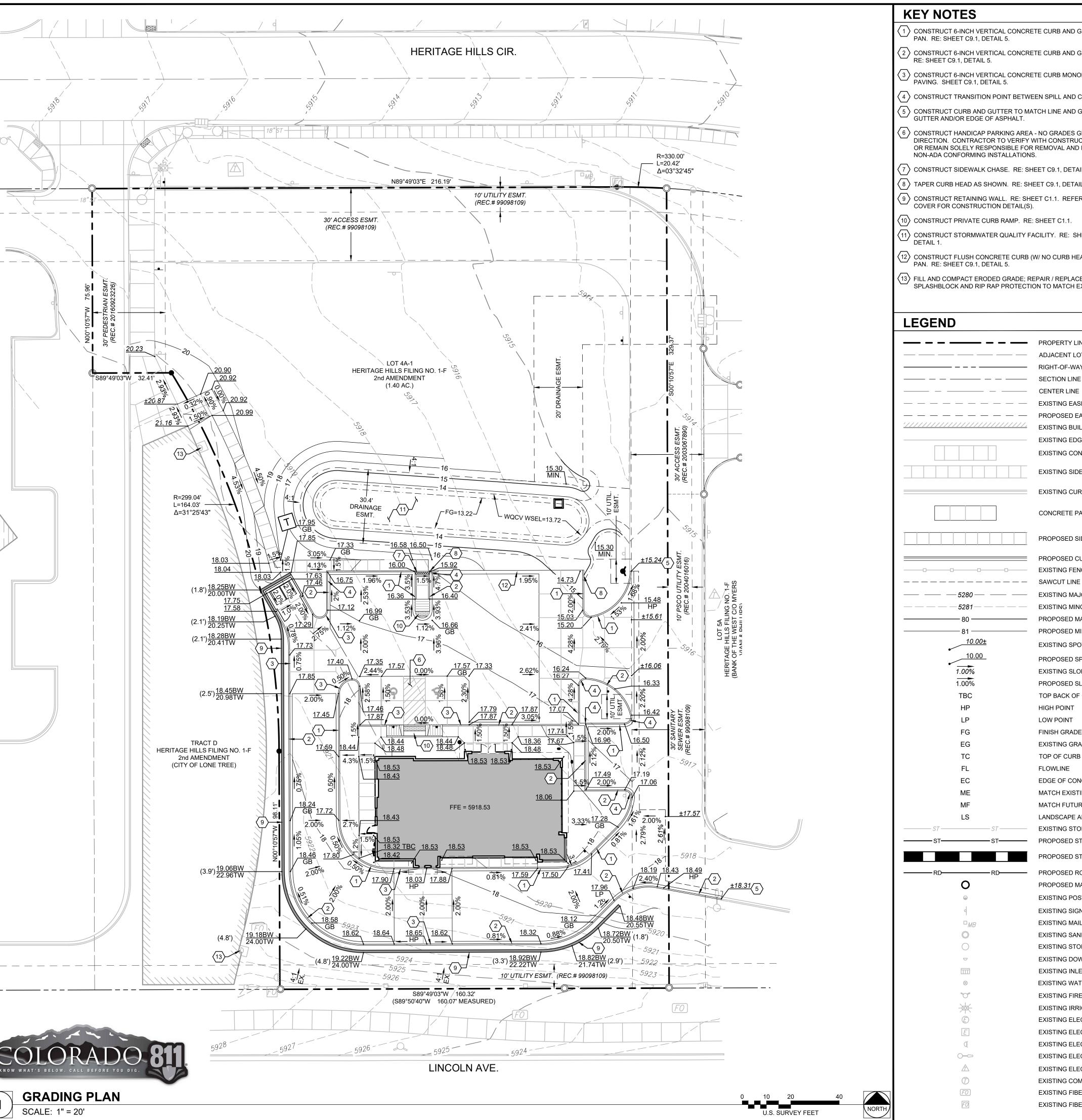
9550 Heritage Hills Circle Lone Tree, Colorado 80124

04/29/2024 DATE: **DESIGNED:** JMN JMN DRAWN: JMN REVIEWED: FIELD BOOK NO.:

SITE PLAN

SHEET NUMBER:

0231559.00



KEY NOTES

1 CONSTRUCT 6-INCH VERTICAL CONCRETE CURB AND GUTTER WITH 1-FOOT CATCH PAN. RE: SHEET C9.1, DETAIL 5.

 $^{'}$ $_{2}$ $_{
m }$ CONSTRUCT 6-INCH VERTICAL CONCRETE CURB AND GUTTER WITH 1-FOOT SPILL PAN.

RE: SHEET C9.1, DETAIL 5. 3 CONSTRUCT 6-INCH VERTICAL CONCRETE CURB MONOLITHIC TO THE ADJOINING

PAVING. SHEET C9.1, DETAIL 5.

 \langle 4 angle CONSTRUCT TRANSITION POINT BETWEEN SPILL AND CATCH CURB.

5 CONSTRUCT CURB AND GUTTER TO MATCH LINE AND GRADE OF EXISTING CURB AND GUTTER AND/OR EDGE OF ASPHALT.

 $race{6}$ CONSTRUCT HANDICAP PARKING AREA - NO GRADES GREATER THAN 1.5% IN ANY DIRECTION. CONTRACTOR TO VERIFY WITH CONSTRUCTION MANAGER AT FORM SET OR REMAIN SOLELY RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ANY NON-ADA CONFORMING INSTALLATIONS.

7 CONSTRUCT SIDEWALK CHASE. RE: SHEET C9.1, DETAIL 6.

8 TAPER CURB HEAD AS SHOWN. RE: SHEET C9.1, DETAIL 7.

9 CONSTRUCT RETAINING WALL. RE: SHEET C1.1. REFER TO PLANS UNDER SEPARATE COVER FOR CONSTRUCTION DETAIL(S).

(10) CONSTRUCT PRIVATE CURB RAMP. RE: SHEET C1.1.

1.00%

1) CONSTRUCT STORMWATER QUALITY FACILITY. RE: SHEET C2.2 AND SHEET C9.5,

12 CONSTRUCT FLUSH CONCRETE CURB (W/ NO CURB HEAD) AND GUTTER WITH 1-FOOT PAN. RE: SHEET C9.1, DETAIL 5.

13 FILL AND COMPACT ERODED GRADE; REPAIR / REPLACE / RECONSTRUCT CONCRETE SPLASHBLOCK AND RIP RAP PROTECTION TO MATCH EXISTING.

PROPERTY LINE

— — — — RIGHT-OF-WAY LINE

ADJACENT LOT LINE

SECTION LINE

CENTER LINE

EXISTING EASEMENT PROPOSED EASEMENT

EXISTING CONCRETE

EXISTING SIDEWALK

EXISTING CURB & GUTTER

CONCRETE PAVEMENT

PROPOSED SIDEWALK

EXISTING FENCE

PROPOSED CURB & GUTTER

EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR

EXISTING SPOT GRADE

PROPOSED SPOT GRADE

EXISTING SLOPE PROPOSED SLOPE TOP BACK OF CURB

HIGH POINT

LOW POINT

FINISH GRADE EXISTING GRADE

TOP OF CURB

EDGE OF CONCRETE MATCH EXISTING MATCH FUTURE

LANDSCAPE AREA

EXISTING STORM SEWER PROPOSED STORM SEWER

PROPOSED STORM SEWER

EXISTING POST - BOLLARD

EXISTING SANITARY SEWER MANHOLE

EXISTING STORM SEWER MANHOLE EXISTING DOWNSPOUT - SURFACE

EXISTING IRRIGATION CONTROL BOX

EXISTING ELECTRIC LIGHT - AREA / YARD

EXISTING ELECTRIC LIGHT - STREET

EXISTING ELECTRIC TRANSFORMER

EXISTING FIBER OPTIC VAULT

EXISTING FIBER OPTIC PEDESTAL

EXISTING COMMUNICATIONS MANHOLE

EXISTING ELECTRIC MANHOLE EXISTING ELECTRIC PEDESTAL

EXISTING INLET - CURB TYPE

EXISTING WATER VALVE

EXISTING FIRE HYDRANT

PROPOSED ROOF DRAIN

PROPOSED MANHOLE

EXISTING SIGN

EXISTING MAILBOX

FLOWLINE

PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR

EXISTING BUILDING/STRUCTURE

EXISTING EDGE OF ASPHALT

GENERAL NOTES

REFER TO SHEET C0.0 AND C0.1 FOR ADDITIONAL GENERAL NOTES.

ACCESSIBLE DESIGN & CONSTRUCTION

THE DESIGN INFORMATION PROVIDED IS INTENDED TO MEET APPLICABLE ADA STANDARDS. THE CONTRACTOR SHALL REFER TO THE U.S. DEPT. OF JUSTICE, "2010 ADA STANDARDS FOR ACCESSIBLE DESIGN" (ANY ANY LOCAL REGULATIONS IF APPLICABLE) FOR INFORMATION PERTINENT TO THE DESIGN INCLUDING, BUT NOT LIMITED TO DIMENSIONS, TOLERANCES, AND RELATED SPECIFICATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADA COMPLIANCE AND CONFIRMATION OF SUCH COMPLIANCE FOR ALL RELATED CONSTRUCTION IMPROVEMENTS.

BENCHMARK

AS DESCRIBED ON THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY FARNSWORTH GROUP, DATED 9/15/2023:

"NATIONAL GEODETIC SURVEY (NGS) BENCHMARK "JOG", LOCATED ON THE EAST SIDE OF INTERSTATE HIGHWAY 25 AND NORTHEAST OF THE JUNCTION OF STATE HIGHWAY 470 AND INTERSTATE HIGHWAY 25, ON ROAD RIGHT-OF-WAY, ON PROPERTY OWNED BY THE STATE OF COLORADO.

ELEVATION: 5893.00 FEET (NAVD 1988 DATUM)."



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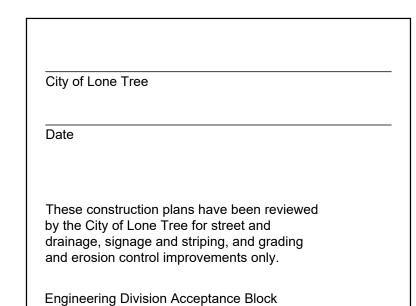
Chase Bank Lone Tree, Colorado

9550 Heritage Hills Circle Lone Tree, Colorado 80124

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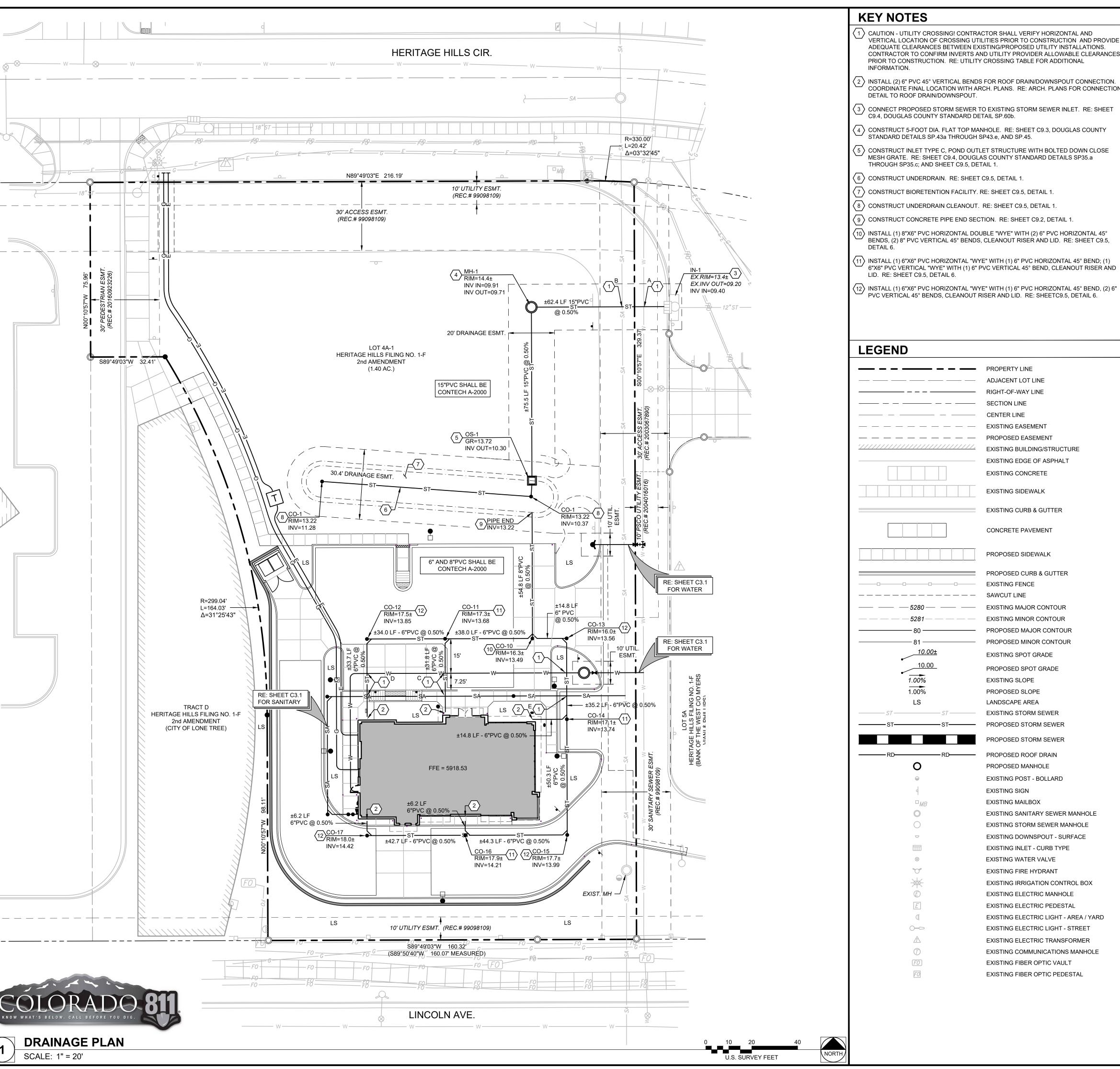


DATE: 04/29/2024 **DESIGNED:** JMN JMN DRAWN: JMN REVIEWED: FIELD BOOK NO.:

GRADING PLAN

SHEET NUMBER:

0231559.00





- CAUTION UTILITY CROSSING! CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF CROSSING UTILITIES PRIOR TO CONSTRUCTION AND PROVIDE ADEQUATE CLEARANCES BETWEEN EXISTING/PROPOSED UTILITY INSTALLATIONS. CONTRACTOR TO CONFIRM INVERTS AND UTILITY PROVIDER ALLOWABLE CLEARANCES PRIOR TO CONSTRUCTION. RE: UTILITY CROSSING TABLE FOR ADDITIONAL INFORMATION.
- $|2\rangle$ INSTALL (2) 6" PVC 45° VERTICAL BENDS FOR ROOF DRAIN/DOWNSPOUT CONNECTION. COORDINATE FINAL LOCATION WITH ARCH. PLANS. RE: ARCH. PLANS FOR CONNECTION DETAIL TO ROOF DRAIN/DOWNSPOUT.
- 3 CONNECT PROPOSED STORM SEWER TO EXISTING STORM SEWER INLET. RE: SHEET C9.4. DOUGLAS COUNTY STANDARD DETAIL SP.60b.
- 4 CONSTRUCT 5-FOOT DIA. FLAT TOP MANHOLE. RE: SHEET C9.3, DOUGLAS COUNTY STANDARD DETAILS SP.43a THROUGH SP43.e, AND SP.45.
- 5 CONSTRUCT INLET TYPE C, POND OUTLET STRUCTURE WITH BOLTED DOWN CLOSE MESH GRATE. RE: SHEET C9.4, DOUGLAS COUNTY STANDARD DETAILS SP35.a THROUGH SP35.c; AND SHEET C9.5, DETAIL 1.
- \langle $_{6}$ angle CONSTRUCT UNDERDRAIN. RE: SHEET C9.5, DETAIL 1.
- 7 CONSTRUCT BIORETENTION FACILITY. RE: SHEET C9.5, DETAIL 1.
- 8 CONSTRUCT UNDERDRAIN CLEANOUT. RE: SHEET C9.5, DETAIL 1.
- \langle 9 \rangle CONSTRUCT CONCRETE PIPE END SECTION. RE: SHEET C9.2, DETAIL 1.
- 0 INSTALL (1) 8"X6" PVC HORIZONTAL DOUBLE "WYE" WITH (2) 6" PVC HORIZONTAL 45° BENDS. (2) 8" PVC VERTICAL 45° BENDS, CLEANOUT RISER AND LID. RE: SHEET C9.5,
- 6"X6" PVC VERTICAL "WYE" WITH (1) 6" PVC VERTICAL 45° BEND, CLEANOUT RISER AND LID. RE: SHEET C9.5, DETAIL 6.

S INSTALL (1) 6"X6" PVC HORIZONTAL "WYE" WITH (1) 6" PVC HORIZONTAL 45° BEND; (1)

	ADJACENT LOT LINE
	RIGHT-OF-WAY LINE
	SECTION LINE
	CENTER LINE
	EXISTING EASEMENT
	PROPOSED EASEMENT
<u>'////////////////////////////////////</u>	EXISTING BUILDING/STRUCTURE
	EXISTING EDGE OF ASPHALT
	EXISTING CONCRETE

EXISTING CURB & GUTTER

EXISTING SIDEWALK

CONCRETE PAVEMENT

PROPOSED SIDEWALK

PROPOSED CURB & GUTTER **EXISTING FENCE** ____ SAWCUT LINE

PROPOSED SPOT GRADE

EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR EXISTING SPOT GRADE

> EXISTING SLOPE PROPOSED SLOPE LANDSCAPE AREA **EXISTING STORM SEWER**

PROPOSED STORM SEWER PROPOSED STORM SEWER

> PROPOSED ROOF DRAIN PROPOSED MANHOLE EXISTING POST - BOLLARD EXISTING SIGN EXISTING MAILBOX **EXISTING SANITARY SEWER MANHOLE** EXISTING STORM SEWER MANHOLE EXISTING DOWNSPOUT - SURFACE EXISTING INLET - CURB TYPE **EXISTING WATER VALVE** EXISTING FIRE HYDRANT

EXISTING IRRIGATION CONTROL BOX EXISTING ELECTRIC MANHOLE EXISTING ELECTRIC PEDESTAL EXISTING ELECTRIC LIGHT - AREA / YARD **EXISTING ELECTRIC LIGHT - STREET** EXISTING ELECTRIC TRANSFORMER

EXISTING COMMUNICATIONS MANHOLE EXISTING FIBER OPTIC VAULT **EXISTING FIBER OPTIC PEDESTAL**

GENERAL NOTES

REFER TO SHEET C0.0 AND C0.1 FOR ADDITIONAL GENERAL NOTES.

UTILITY CROSSING TABLE CROSSING UTIL. ABOVE INV. UTIL. BELOW TOP OF PIPE CLEARANCE STORM WATER 07.06 (FIELD VERIFIED) 2.40' 94.12 15.39' SANITARY SANITARY 2.28' 1.77' 12.21 STORM

SANITARY

BENCHMARK

STORM

AS DESCRIBED ON THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY FARNSWORTH GROUP, DATED 9/15/2023:

10.48

3.21'

"NATIONAL GEODETIC SURVEY (NGS) BENCHMARK "JOG", LOCATED ON THE EAST SIDE OF INTERSTATE HIGHWAY 25 AND NORTHEAST OF THE JUNCTION OF STATE HIGHWAY 470 AND INTERSTATE HIGHWAY 25, ON ROAD RIGHT-OF-WAY, ON PROPERTY OWNED BY THE STATE OF COLORADO.

ELEVATION: 5893.00 FEET (NAVD 1988 DATUM)."



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Chase Bank Lone Tree, Colorado

9550 Heritage Hills Circle Lone Tree, Colorado 80124

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City of Lone Tree

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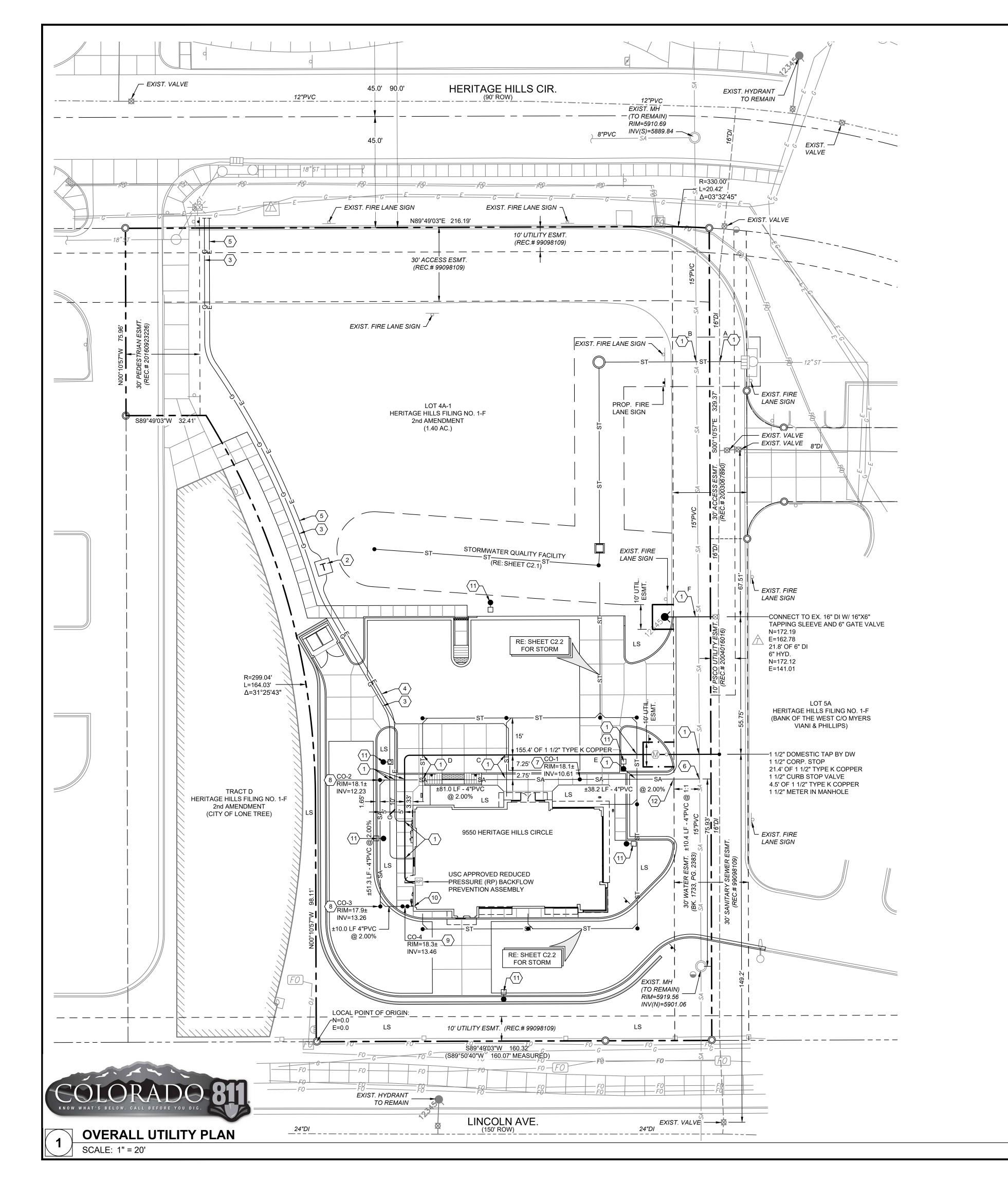
Engineering Division Acceptance Block

DATE: 04/29/2024 **DESIGNED:** JMN JMN DRAWN: JMN REVIEWED: FIELD BOOK NO.:

DRAINAGE PLAN

SHEET NUMBER:

PROJECT NO.





REFER TO SHEET C0.0, C0.1, C3.1, C3.91 AND C3.92, FOR ADDITIONAL GENERAL

DRY UTILITY NOTE

PRIOR TO CONSTRUCTION - CONTRACTOR TO VERIFY THE EXACT SIZE, ALIGNMENT. AND CONNECTION POINTS WITH THE DRY UTILITY PROVIDERS. THE CONTRACTOR IS RESPONSIBLE FOR ALL PROVISION AND INSTALLATIONS REQUIRED OF ALL DRY UTILITY APPURTENANCES (INCLUDING, BUT NOT LIMITED TO, TRENCHING, CONDUITS, PULL BOXES, ETC.) REQUIRED FOR SERVICE CONNECTION THAT ARE NOT INCLUDED IN THE UTILITY PROVIDER'S SCOPE.

UTILITY CROSSING TABLE

•					
CROSSING	UTIL. ABOVE	INV.	UTIL. BELOW	TOP OF PIPE	CLEARANCE
A	STORM	09.46	WATER	07.06 (FIELD VERII	FIED) 2.40'
В	STORM	09.51	SANITARY	94.12	15.39'
С	STORM	13.81	SANITARY	11.53	2.28'
D	STORM	13.98	SANITARY	12.21	1.77'
E	STORM	13.69	SANITARY	10.48	3.21'
F	WATER	±11.00 ¹	SANITARY	97.58	13.42'

BENCHMARK

AS DESCRIBED ON THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY FARNSWORTH GROUP, DATED 9/15/2023:

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ELEVATION: 5893.00 FEET (NAVD 1988 DATUM)."

¹DESIGN = 4.5' DEEP FROM EXIST. GRADE

FLOODPLAIN

AS DESCRIBED ON THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY FARNSWORTH GROUP, DATED 9/15/2023:

"FLOOD INSURANCE RATE MAP NUMBER 08035C0042G WITH AN EFFECTIVE DATE OF MARCH 16, 2016, THE PROPERTY LIES WITHIN ZONE X, 'AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN'.

KEY NOTES

- CAUTION UTILITY CROSSING! CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF CROSSING UTILITIES PRIOR TO CONSTRUCTION AND PROVIDE ADEQUATE CLEARANCES BETWEEN EXISTING/PROPOSED UTILITY INSTALLATIONS. CONTRACTOR TO CONFIRM INVERTS AND UTILITY PROVIDER ALLOWABLE CLEARANCES PRIOR TO CONSTRUCTION.
- PROPOSED LOCATION OF TRANSFORMER PAD. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE WITH UTILITY PROVIDER PRIOR TO INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF CONCRETE PAD AND CONDUIT AS REQUIRED BY THE UTILITY PROVIDER. CONTRACTOR SHALL COORDINATE SAID WORK WITH THE UTILITY PROVIDER.
- $^{'}$ 3 $^{\rangle}$ APPROXIMATE ALIGNMENT AND CONNECTION POINTS FOR PROPOSED GAS SERVICE.
- \langle 4 \rangle APPROXIMATE ALIGNMENT AND CONNECTION POINTS FOR PROPOSED SECONDARY ELECTRIC SERVICE. SEE DRY UTILITY NOTE. THIS SHEET.
- 5 APPROXIMATE ALIGNMENT AND CONNECTION POINTS FOR PROPOSED PRIMARY ELECTRIC SERVICE. SEE DRY UTILITY NOTE, THIS SHEET.
- $\left(6\right)$ CONSTRUCT SANITARY SEWER SERVICE CONNECTION TO MAIN. RE: SHEET C3.92, SOUTHGATE STANDARD DETAIL SS-15.
- 7 CONSTRUCT SANITARY SEWER CLEANOUT. RE: SHEET C3.92, SOUTHGATE STANDARD DETAIL SS-24.
- \langle 8 \rangle INSTALL (1) 4"X4" PVC HORIZONTAL "WYE" WITH CLEANOUT. RE: SHEET C3.92, SOUTHGATE STANDARD DETAIL SS-24.
- \langle 9 angle INSTALL (2) CLEANOUTS, BACK TO BACK IN OPPOSING DIRECTIONS. RE: C3.92,
- SOUTHGATE STANDARD DETAIL SS-24.
- $\langle 10
 angle$ REFER TO PLUMBING PLANS FOR CONTINUATION OF THE DOMESTIC AND GREASE FIGURE 1 STATES WITHIN THE BUILDING SPACE.
- 11) CONTRACTOR TO PROVIDE AND INSTALL CONDUITS, PULL BOXES, AND WIRING FOR SITE LIGHTING; TYPICAL. REFERENCE SITE ELECTRIC PLANS FOR SIZING, RUN TERMINUS, AND OTHER WIRING REQUIREMENTS. RE: ARCH. PLANS.
- $\langle 12 \rangle$ INSTALL (1) 45° VERTICAL BEND.

Chase Bank, Lone Tree, Colorado

5613 DTC PARKWAY, SUITE 1100

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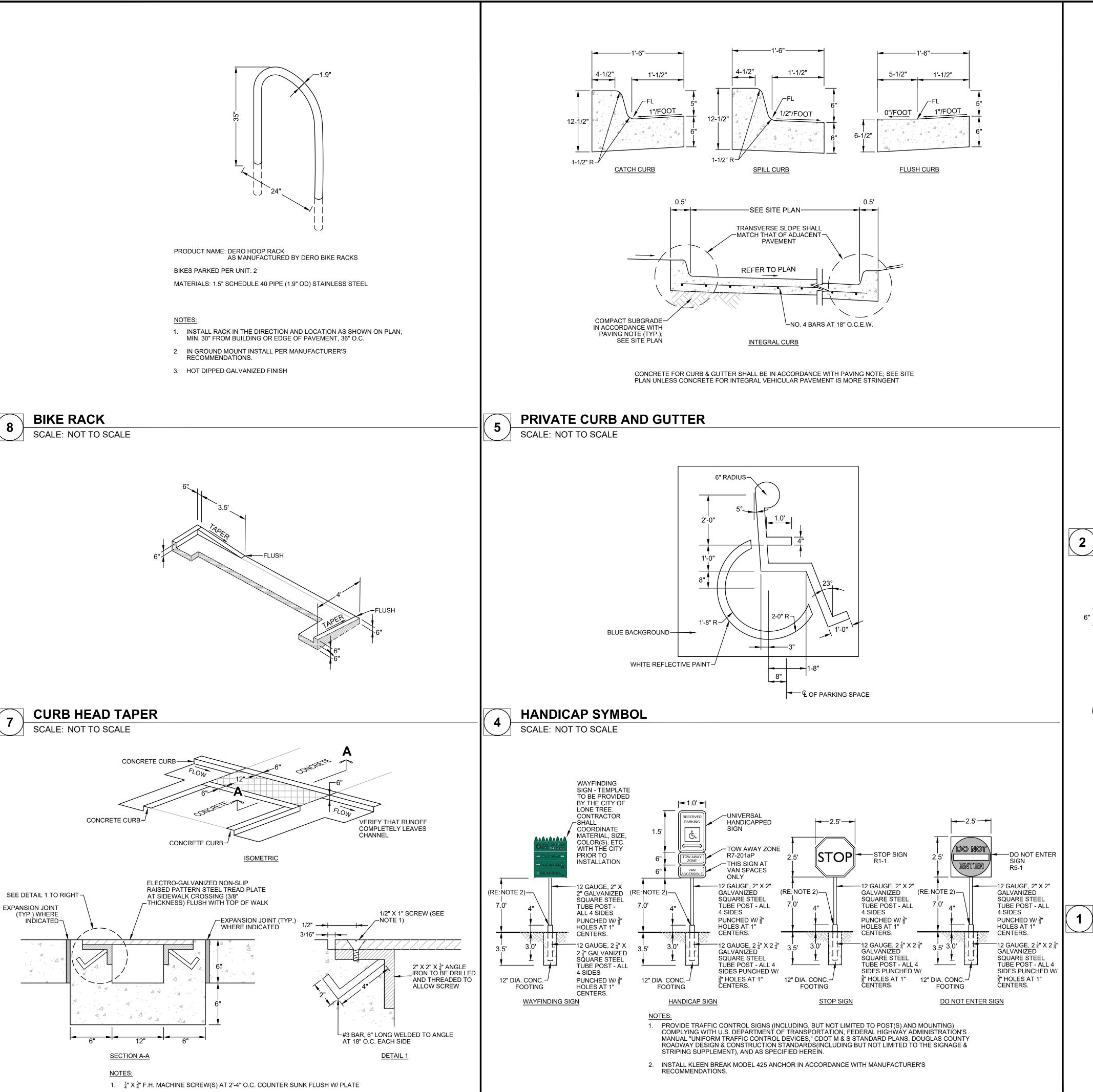
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DATE:	04/29/2024
DESIGNED:	JMN
DRAWN:	JMN
REVIEWED:	JMN

FIELD BOOK NO.:

OVERALL UTILITY PLAN

PROJECT NO.

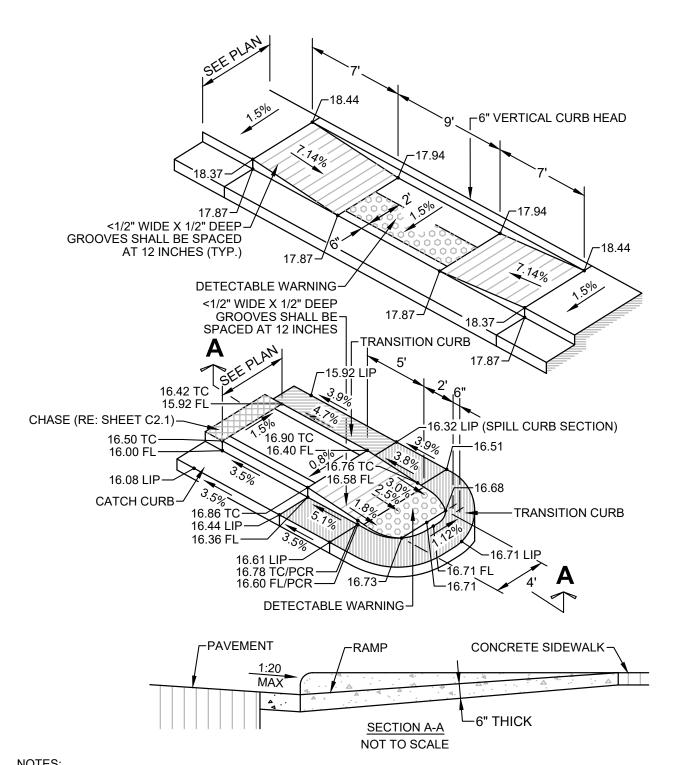


ON SITE TRAFFIC SIGNAGE

SCALE: NOT TO SCALE

PRIVATE SIDEWALK CHASE

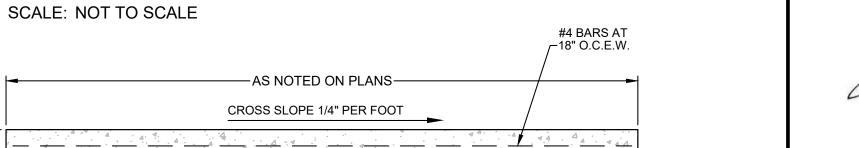
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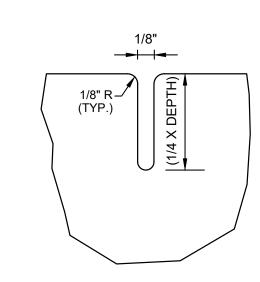


- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL 6. RAMP SURFACE SHALL HAVE A COARSE BROOM FINISH STANDARDS AND SPECIFICATIONS.
- 2. CONCRETE FOR SIDEWALK RAMPS SHALL BE IN ACCORDANCE WITH PAVING NOTE; SEE SITE PLAN.
- 3. RAMP AND WINGS SHALL BE POURED MONOLITHICALLY.
- 4. MINIMUM WIDTH OF RAMPS SHALL BE EQUAL TO THE WIDTH OF THE APPROACH WALK AND RAMP. SLOPES
- SHALL NOT BE STEEPER THAN 1:12. NORMAL GUTTER FLOWLINE AND PROFILE SHALL BE
- MAINTAINED THROUGH THE RAMP AREA. CONTRACTOR SHALL ADJUST PAVEMENT AND GUTTER IMMEDIATELY ADJACENT TO BOTTOM OF CURB RAMP TO ENSURE COUNTER SLOPE IS NO STEEPER THAN 1:20.

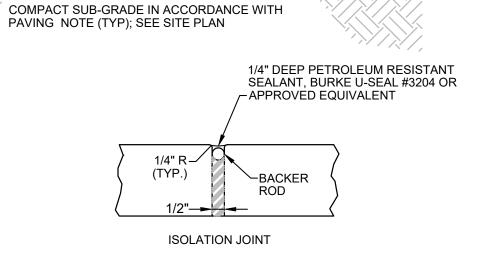
PRIVATE CURB RAMP

- WITH STRIATIONS PERPENDICULAR TO THE DIRECTION OF RAMP SLOPE.
- 7. A 1/2" ISOLATION JOINT SHALL BE REQUIRED WHERE THE CONCRETE RAMP JOINS ANY RIGID PAVEMENT OR
- 8. COMPACT SUBGRADE IN ACCORDANCE WITH PAVING NOTE (TYP.); SEE SITE PLAN.
- 9. REFER TO GRADING PLAN FOR SPECIFIC RAMP
- CONSTRUCT DETECTABLE WARNINGS IN ACCORDANCE WITH DOUGLAS COUNTY STANDARD DETAILS SP.18a THROUGH SP.18d, SHEET C9.2.





CONTRACTION JOINT

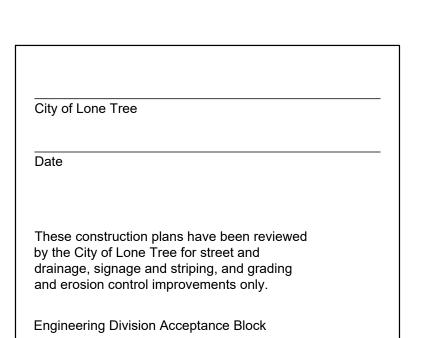


REFER TO GENERAL NOTES ON SITE LAYOUT SHEET FOR ADDITIONAL INFORMATION.

- ISOLATION JOINT FILLER SHALL MEET AASHTO M 213 CRITERIA AND BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- SIDEWALK SURFACE SHALL HAVE A COARSE BROOM FINISH WITH STRIATIONS PERPENDICULAR TO THE DIRECTION OF TRAVEL UNLESS OTHERWISE NOTED IN CIVIL AND/OR ARCH. PLANS.
- 4. CONCRETE SHALL BE IN ACCORDANCE WITH PAVING NOTE; SEE SITE PLAN.
- UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL STUDY, CONCRETE SHALL BE A MINIMUM 6" THICK WITH NO. 4 BARS, 18" O.C.E.W.

PRIVATE SIDEWALK

SCALE: NOT TO SCALE





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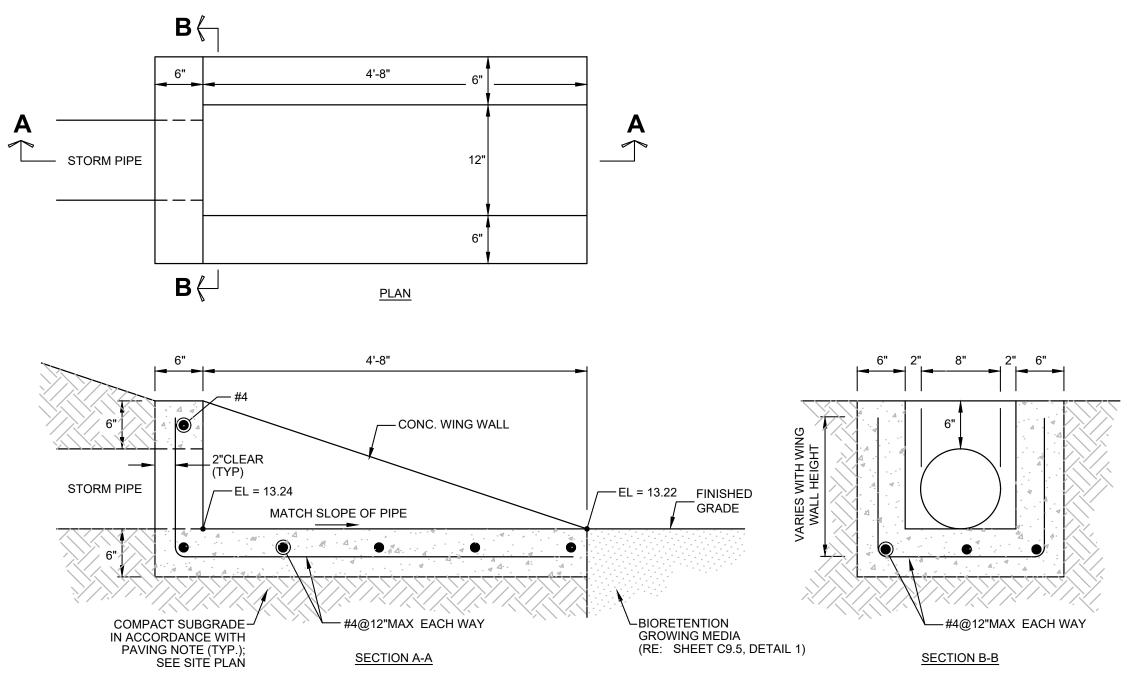
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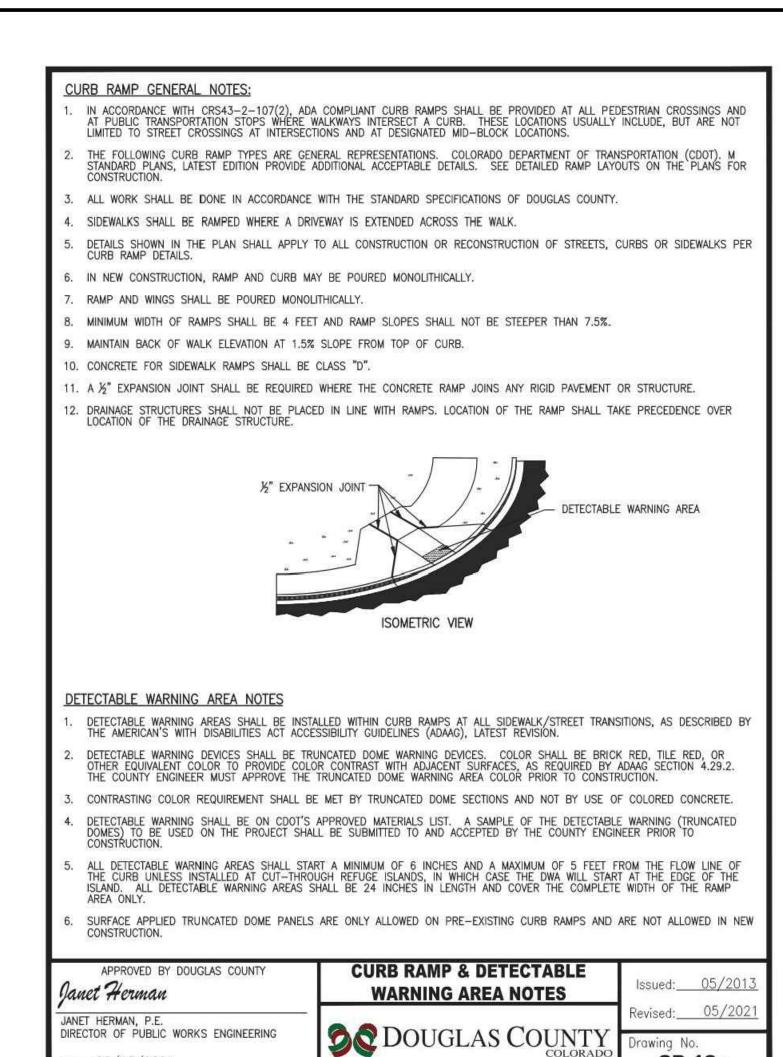
DATE:	04/29/2024
DESIGNED:	JMN
DRAWN:	JMN
REVIEWED:	JMN
FIELD BOOK NO.:	

DETAILS

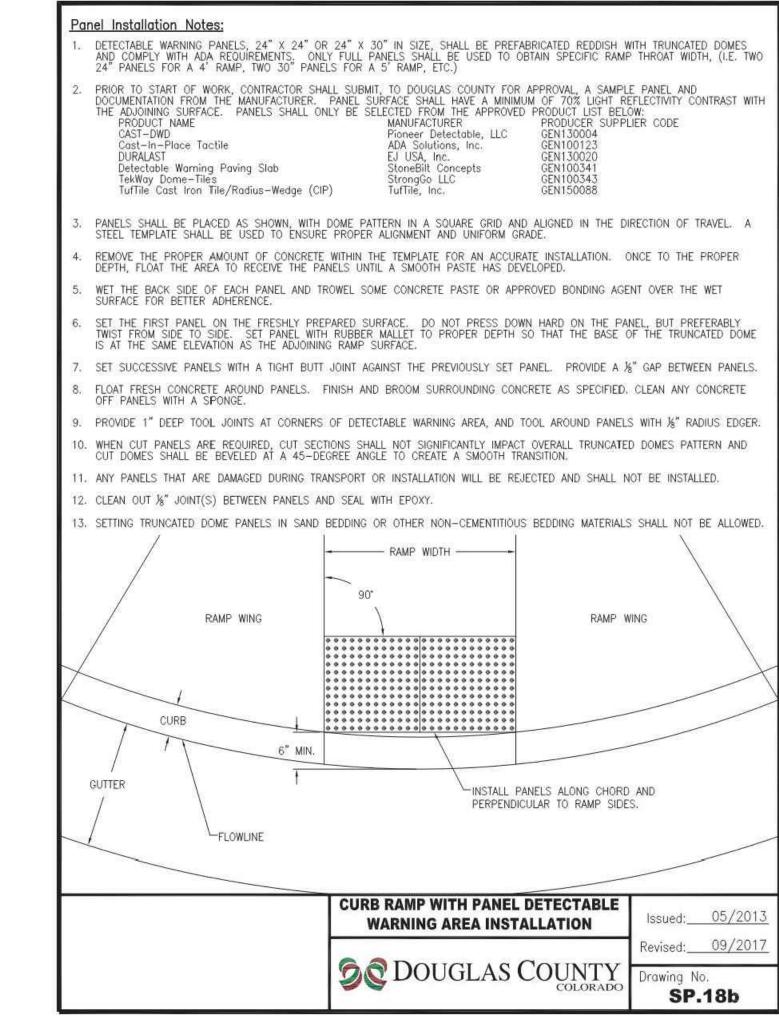
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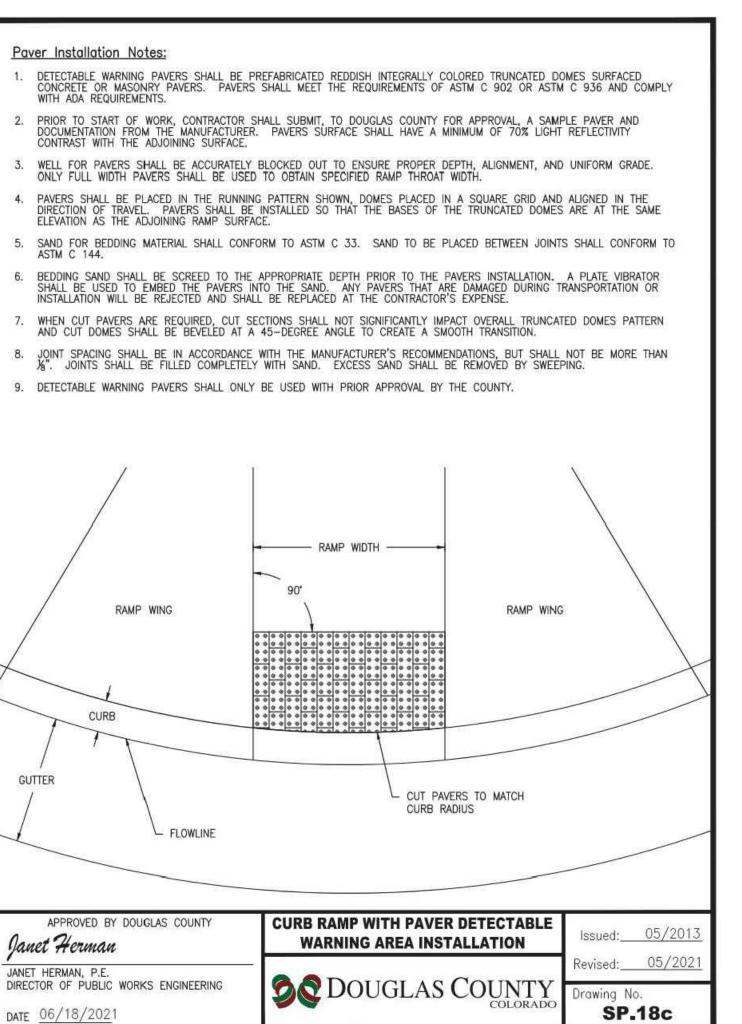
PROJECT NO.

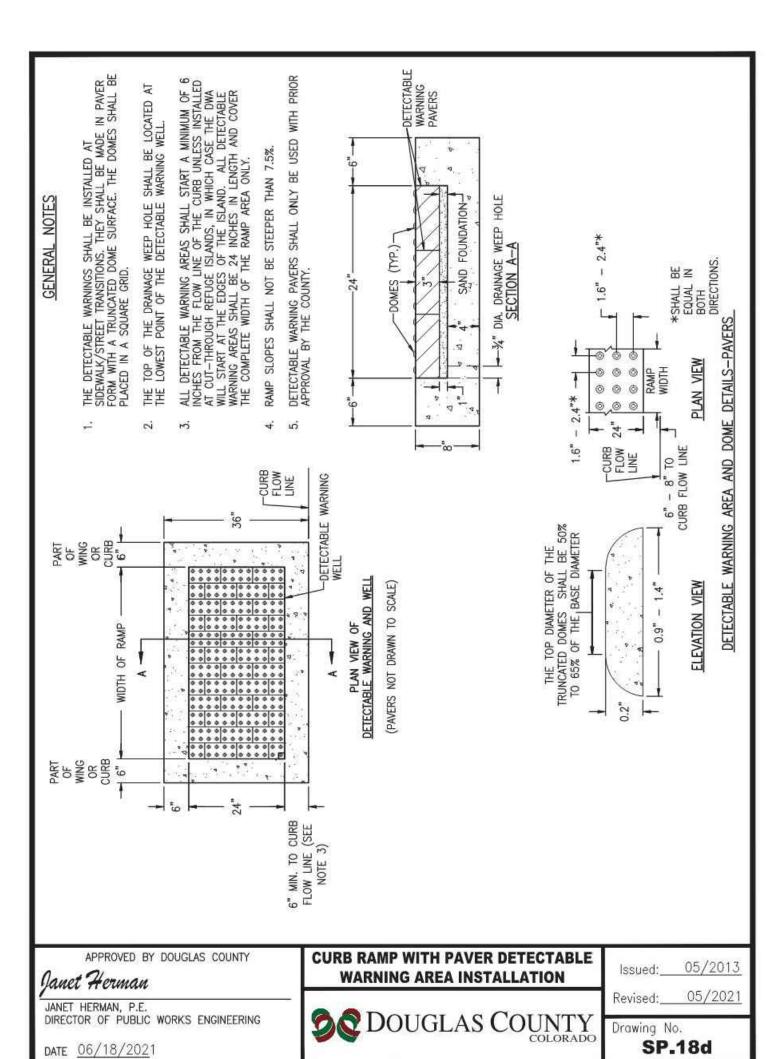




DATE 06/18/2021









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Chase Bank

Lone Tree, Colorado

9550 Heritage Hills Circle Lone Tree, Colorado 80124

DATE:	04/29/2024
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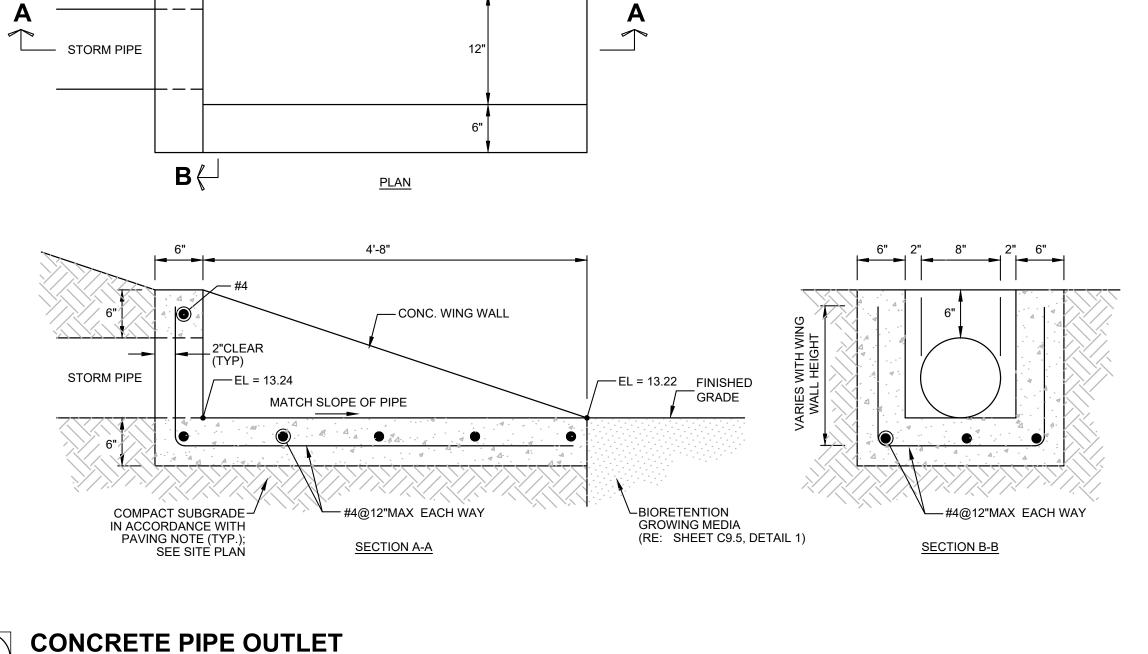
DETAILS

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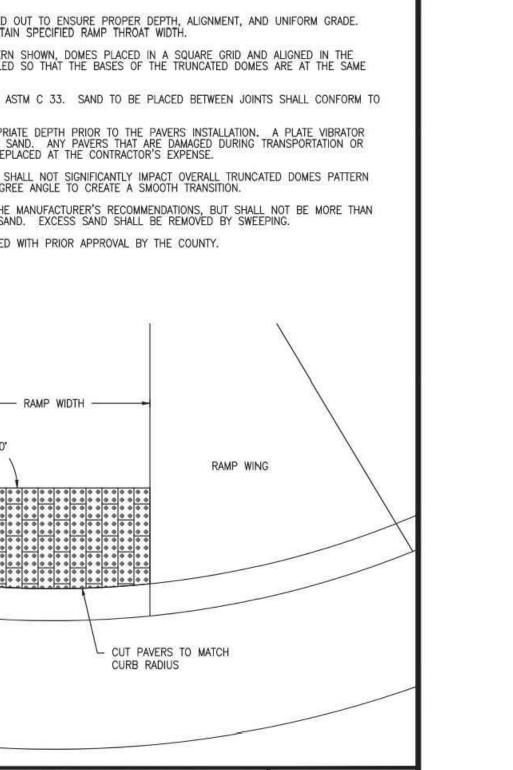
C9.2

PROJECT NO.

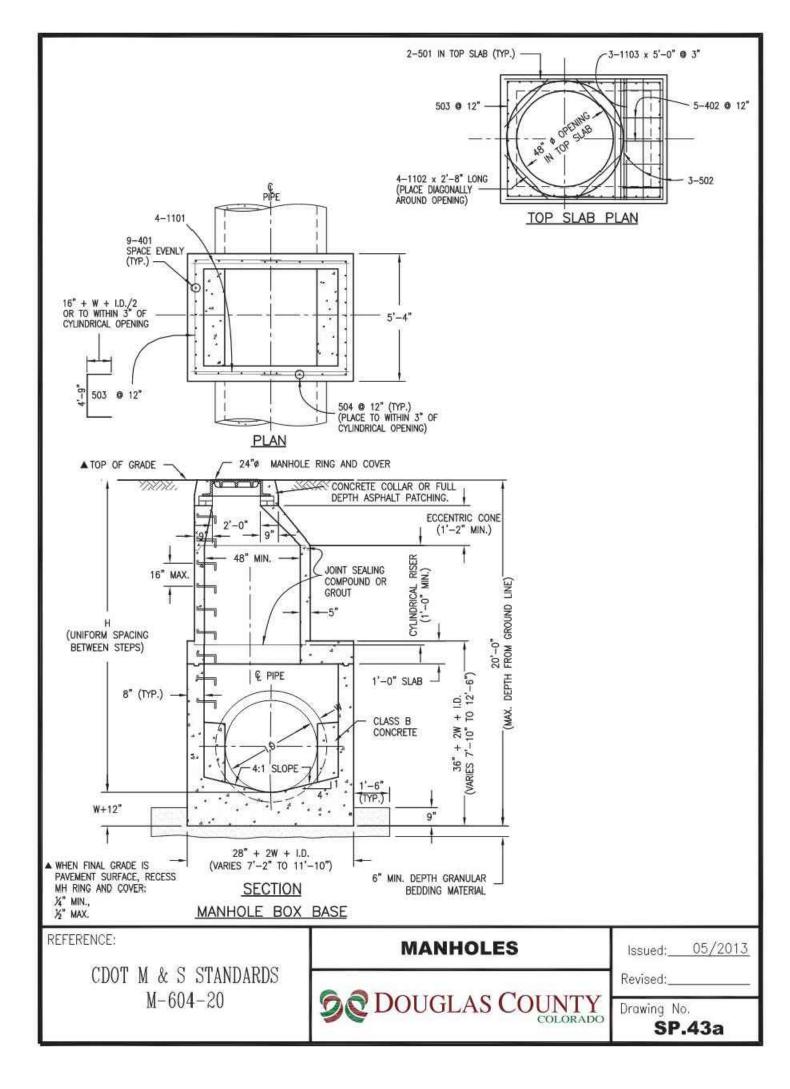
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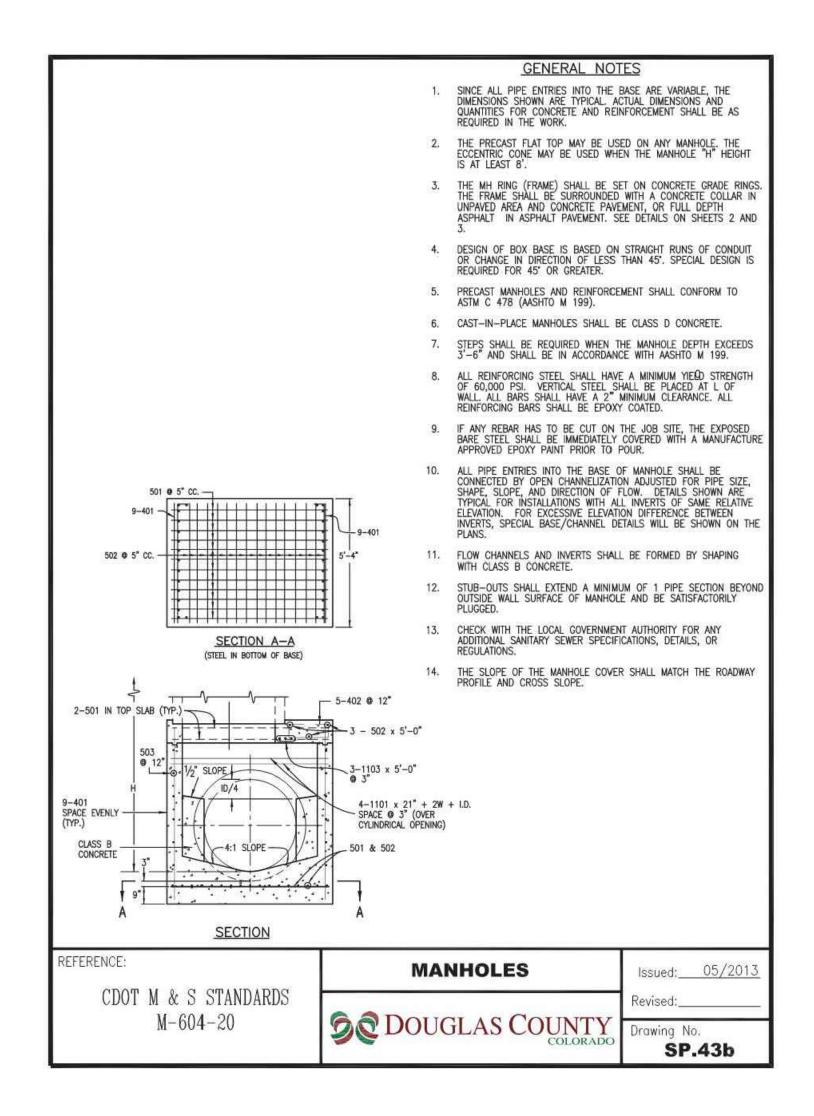


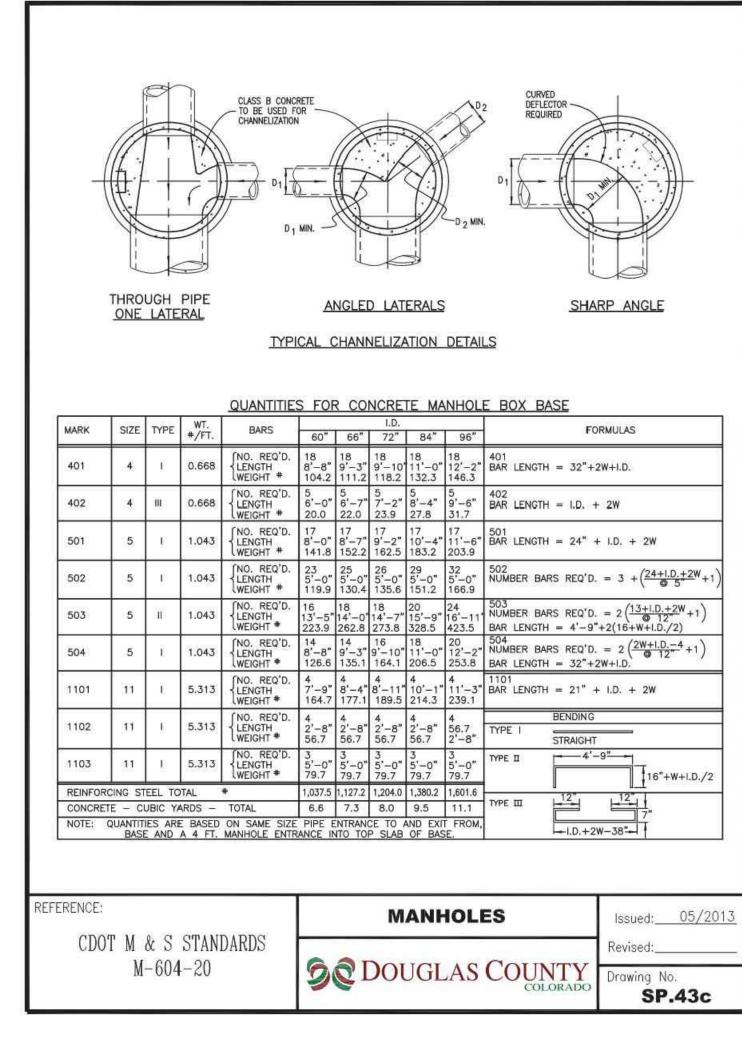
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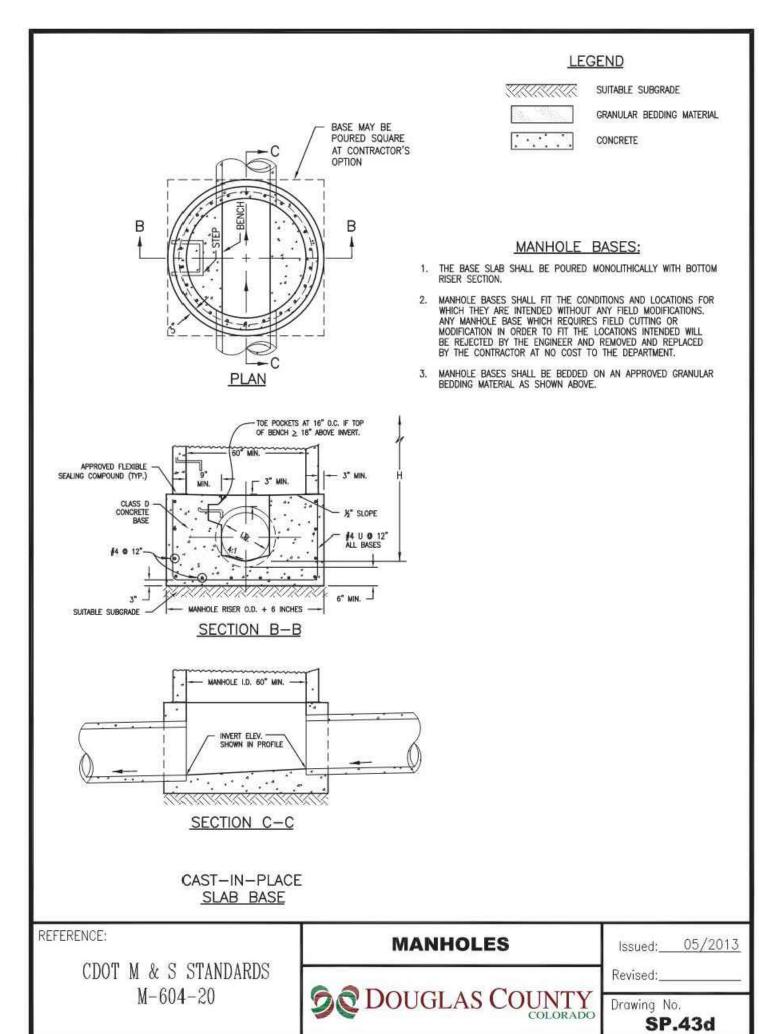


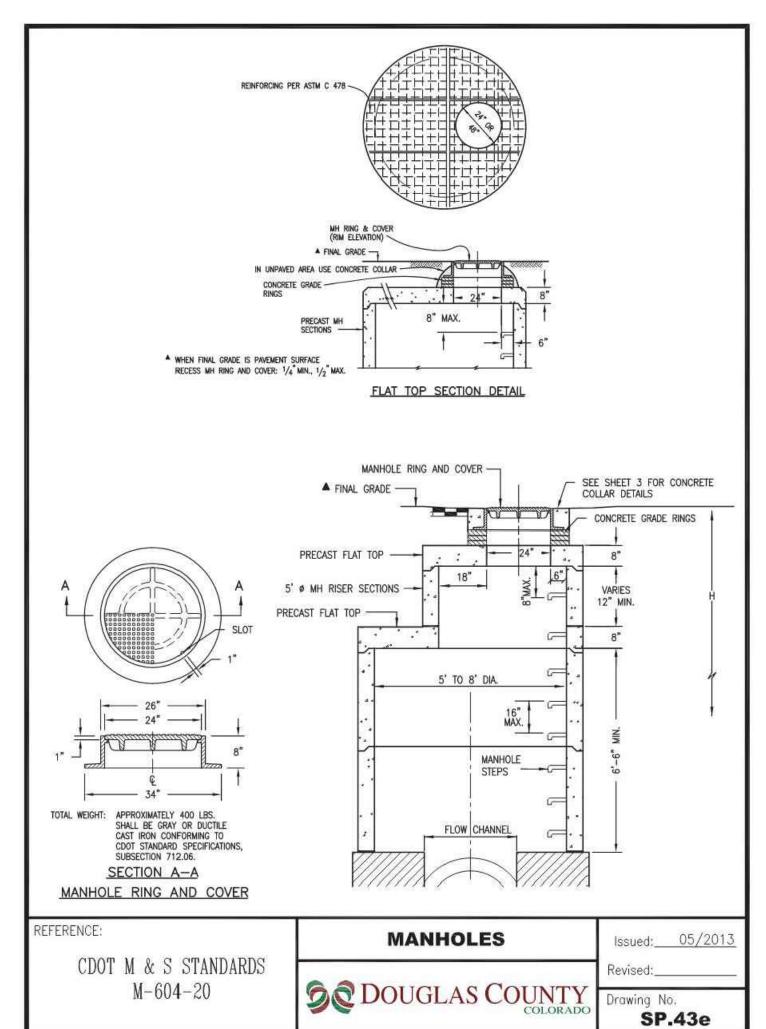
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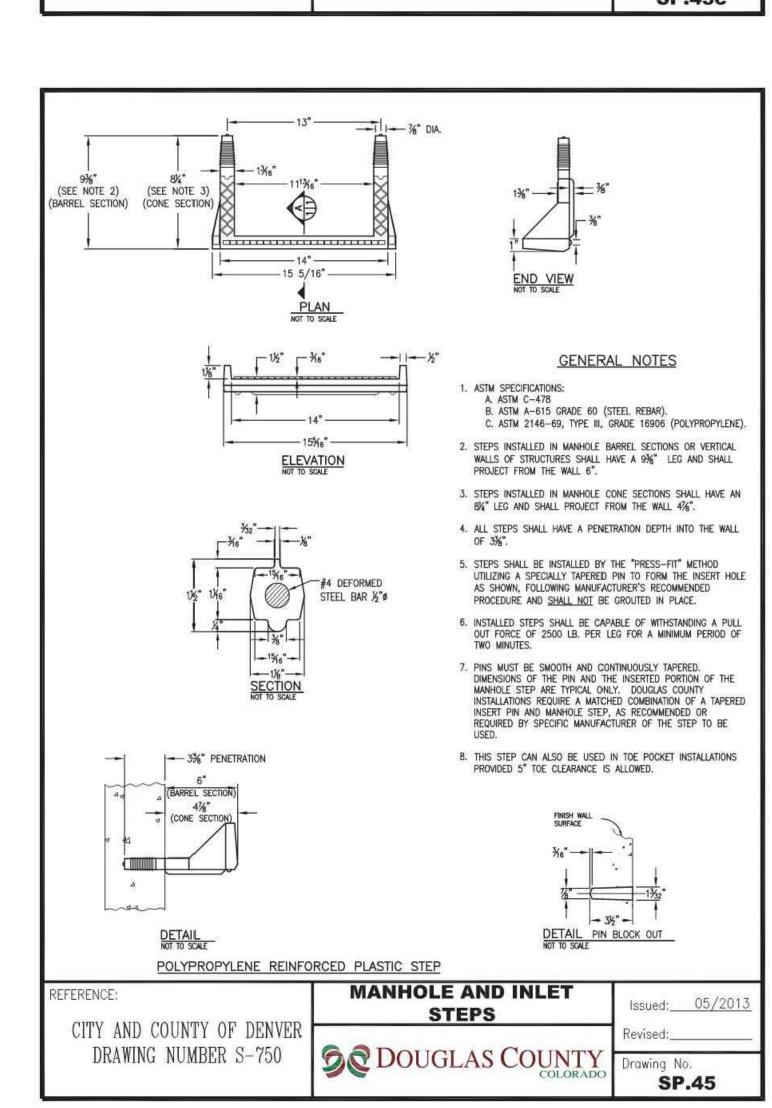














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DATE: DESCRIPTION:



Chase Bank Lone Tree, Colorado

9550 Heritage Hills Circle Lone Tree, Colorado 80124

DATE:	04/29/2024
DESIGNED:	JMN
DRAWN:	JMN
REVIEWED:	JMN
FIELD BOOK NO.:	

DETAILS

SHEET NUMBER:

C9.3

0231559.00

MATERIAL		SPECIFICATION		SUBMITTALS	TESTING	NOTES	
BIORETENTION	SOIL	PARTICLE SIZE DISTRIBUTION					
GROWING MEDIA (SOIL + ORGANICS)		80-90% SAND (0.05 - 2.0 mm DIAMETER) 3-17% SILT (0.002 - 0.5 mm DIAMETER) 3-17% CLAY (< 0.002 mm DIAMETER)			PARTICLE SIZE DISTRIBUTION AND NUTRIENT		PERCENTAGES ARE IN WEIGHT
		CHEMICAL ATTRIBUTE AND NUTRIENT ANALYSIS			ANALYSIS REQUIRED.		
		pH 6.8 - 7.5 ORGANIC MATTER < 1.5% NITROGEN < 15 PPM PHOSPHORUS < 15 PPM SALINITY < 6 MMHOS/CM					
	ORGANICS	3 TO 5% SHREDDED MULCH (BY WEIGHT OF GROWING MEDIA)					BIORETENTION SOIL REQUIRED. AGED 6 MONTHS (MINIMUM).
LANDSCAPE MULCH		SHREDDED HARDWOOD				AGED 6 MONTHS (MINIMUM). NO WEED FABRIC ALLOWED.	
UNDERDRAIN	CDOT FILTER MATERIAL (CLASS B OR C)		MASS PERCENTAGE PA	SSING SQUARE MESH SIEVE	PARTICLE SIZE DISTRIBUTION		
AGGREGATE		SIEVE SIZE	CLASS B	CLASS C			
		37.5 mm (1.5") 19.0 mm (0.75") 4.75 mm (NO. 4) 1.18 um (NO. 16) 300 um (NO. 50) 150 um (NO. 100) 75 um (NO. 200)	100 20 - 60 10 - 30 0 - 10 0 - 3	100 60 - 100 10 - 30 0 - 10 0 - 3	REQUIRED.		
UNDERDRAIN PIPE		PIPE DIA. AND TYPE	MAX. SLOT WIDTH	MAX. OPEN AREA			
		4-INCH SLOTTED PVC	0.032 INCH	1.90 IN ²	REQUIRED	MUST CONFORM TO ASTM F949. THERE SHALL BE NO EVIDENCE OF SPLITTING, CRACKING, OR BREAKING WHEN THE PIPE IS TESTED PER ASTM TEST METHOD D2412 IN ACCORDANCE WITH F949 SECTION 7.5 AND ASTM F794 SECTION 8.5.	CONTECH A-2000 SLOTTED PIPE.

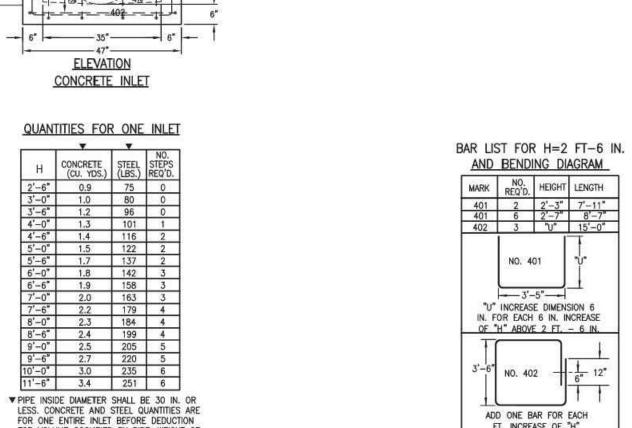
GENERAL NOTES 1. CONCRETE SHALL BE CLASS D. INLET SHALL BE CAST-IN-PLACE. 2. REINFORCING BARS SHALL BE EPOXY COATED AND DEFORMED #4, AND SHALL HAVE A MINIMUM 2 IN. CLEARANCE. CUT OR BEND AROUND PIPES AS REQUIRED. IF ANY REBAR HAS TO BE CUT ON THE JOB SITE, THE EXPOSED BARE STEEL SHALL BE IMMEDIATELY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

NO. 401

ADD ONE BAR FOR EACH FT. INCREASE OF "H" ABOVE 2 FT. - 6 IN.

Issued: 05/2013

402 BARS WILL BE EQUALLY SPACED FROM EACH OTHER.



INLET TYPE C

DOUGLAS COUNTY COLORADO

PLAN

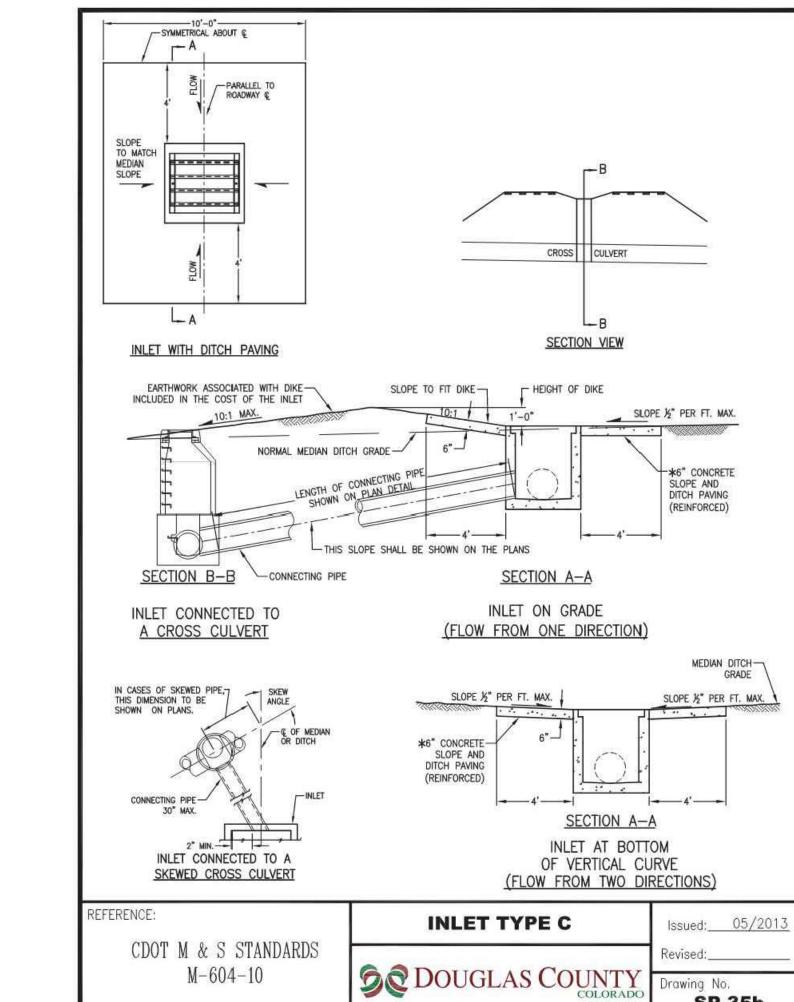
#4 9 12 402 CENTER (TYPICAL)

FOR VOLUME OCCUPIED BY PIPE, WEIGHT OF STEEL INCLUDES A RING FOR THE MAXIMUM PIPE DIAMETER.

CDOT M & S STANDARDS

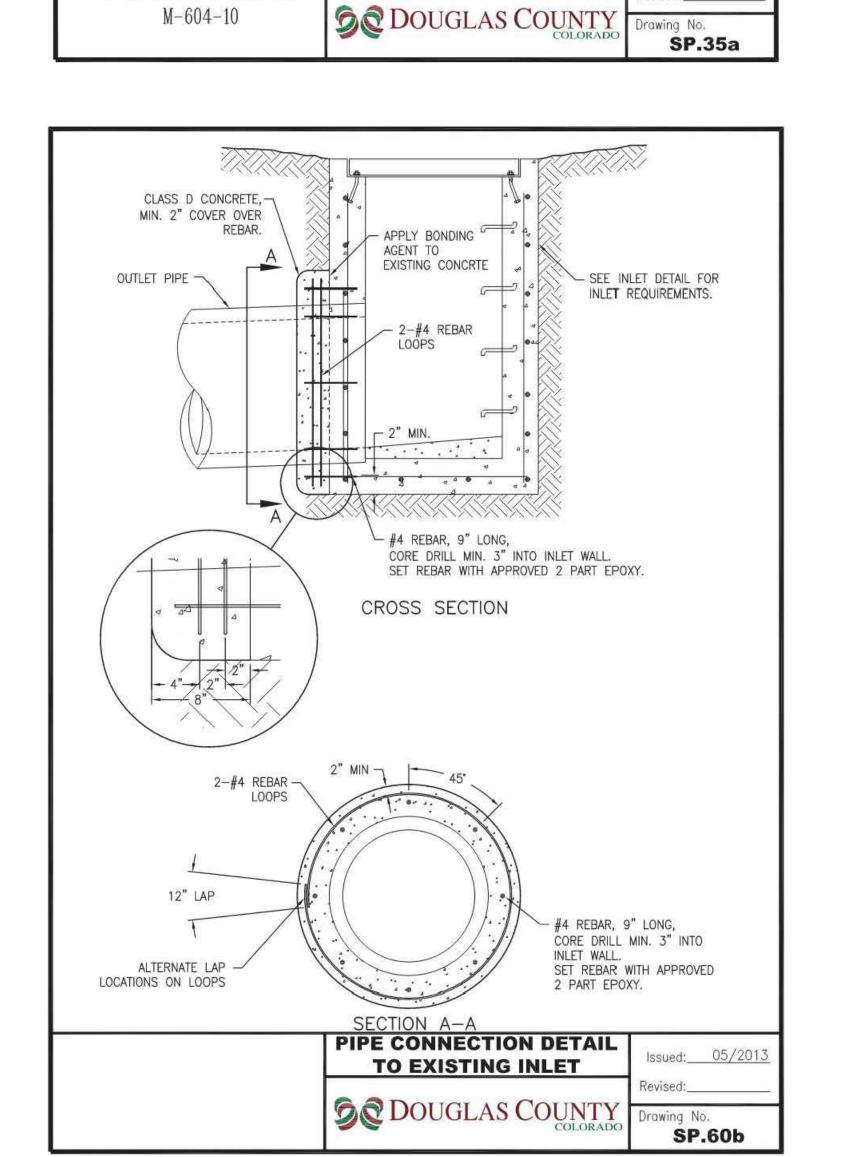
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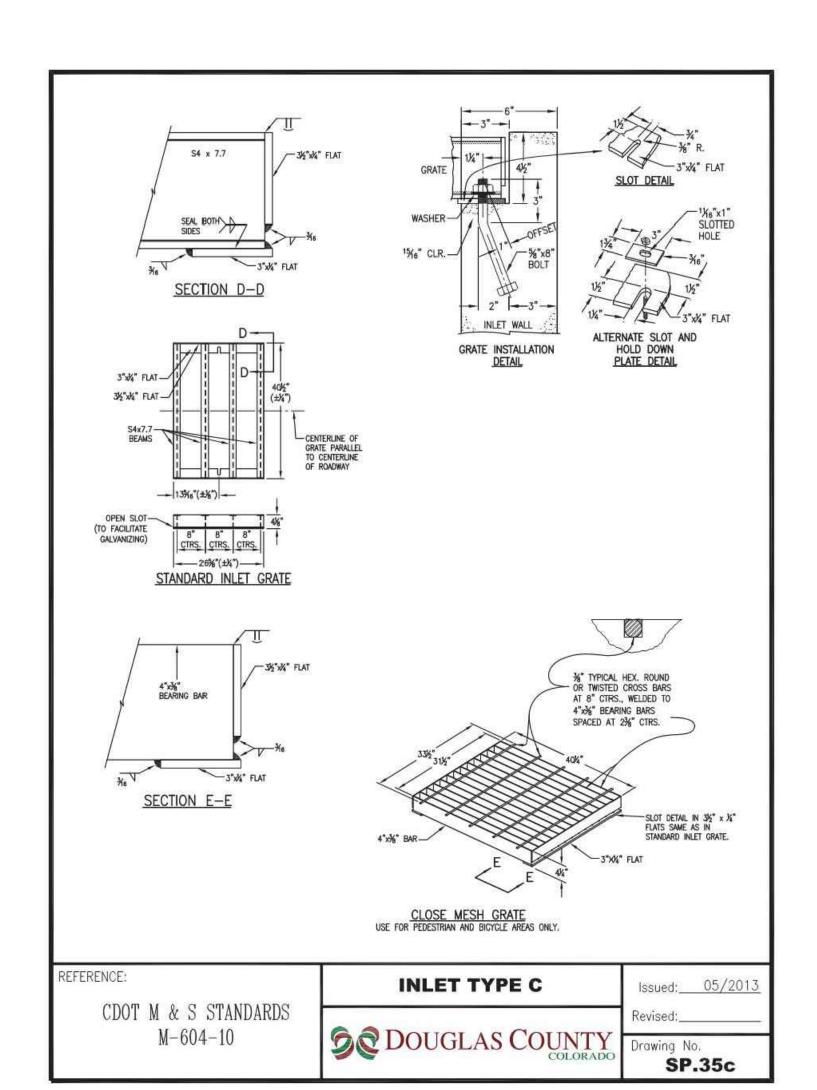
REFERENCE:



BIORETENTION MATERIALS

SCALE: NOT TO SCALE







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SP.35b

Chase Bank Lone Tree, Colorado

9550 Heritage Hills Circle Lone Tree, Colorado 80124

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