AURA AT CROSSROADS

LEGAL DESCRIPTION	
LOT 1 AND TRACTIC OF THE CROSSHOADS MIXED USE FILING NO. 1 RECORDED AT RECEPTION NO.	, EL PASO COUNTY

SAID PARCELS CONTAINS 553,058 SQUARE FEET OR 12 70 ACRES, MORE OR LESS

AND 44.375 SQUARE FEET OR 1.02 ACRES, MORE OR LESS

BASIS OF BEARINGS

BEARINGS ARE BASED ON THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 8, TOWNSHIP 14 SOUTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN, MONUMENTED AT THE WEST QUARTER CORNER BY AN ILLEGIBLE 3-1/2 BRASS CAP 2.0" DOWN AND AT THE SOUTHWEST CORNER BY A 3-1/2" ALUMINUM CAP IN A RANGE BOX STAMPED "LS 22573" ASSUMED TO BEAR NORTH 00"04"51" EAST.

BENCHMARK

BENCHMARK IS A NGS POINT R 76, BEING A STANDARD U.S. COAST AND GEODETIC SURVEY BENCH MARK DISK SET IN THE TOP OF CONCRETE POST. IT PROJECTS 3 INCHES AND IS STAMPED R 76 1935. ELEVATION = 6286.32 NGVD29,

SITUATED IN THE SOUTHEAST 1/4 OF SECTION 8, TOWNSHIP 14 SOUTH, RANGE 65 WEST OF THE 6TH P.M.. COUNTY OF EL PASO. STATE OF COLORADO

SANITARY SEWER PLANS

A	BREVIATIONS
BOP	BOTTOM OF PIPE
CONC	CONCRETE
DEF	DEFLECTION
DIA	DIAMETER
DiP.	DUCTILE IRON PIPE
DS	DOWNSPOUT
E	EAST, EASTING
EGL	ENERGY GRADE LINE
EL	ELEVATION
ESMT	EASEMENT
EX	EXISTING
FES	FLARED END SECTION
FF	FINISHED FLOOR
FG	FINISHED GRADE
FH	FIRE HYDRANT
1	FLOW LINE
GV	GATE VALVE
HC	HANDICAP
HGL	HYDRAULIC GRADE LINE
HORZ	HORIZONTAL
HP	HIGH POINT
WV	INVERT
LP	LOW POINT
1,50	LANDSCAPE DRAIN
MAX	MAXIMUM
MH	MANHOLE
MIN	ABNALIA
NU	MECHANICAL JOINT
N	NORTH NORTHING
PR	PROPOSED
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT-OF-WAY
SAN	SANITARY
SS	SANITARY SEWER
STA	STATION
STM	STORM
TOP	TOP OF PIPE
TYP	TYPICAL
UE	UNDERGROUND ELECTRIC
UTA	UTILITY
VERT	VERTICAL
WAT	WATER
-	
XING	CROSSING

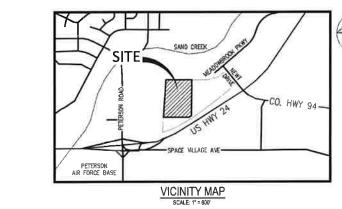
LEGEND: PROPERTY BOUNDARY EXISTING SANITARY SEWER EXISTING WATER LINE EXISTING STORM LINE PROPOSED LANDSCAPE DRAIN PIPE PROPOSED LANDSCAPE AREA DRAIN PROPOSED SANITARY SEWER WI MANHOLE PROPOSED SANITARY SERVICE PROPOSED WATER LINE PROPOSED WATER SERVICE PROPOSED SANITARY SERVICE PROPOSED STORM LINE

PROPOSED GAS LINE

PROPOSED HYDRANT

PROPOSED ELECTRIC LINE

PROPOSED RETAINING WALL



SHEET INDEX SS1 COVER SHEET SS2 OVERALL UTILITY PLAN

- SS3 SANITARY PLAN & PROFILE LINE A
- SS4 SANITARY PLAN & PROFILE LINE A SS5 SANITARY PLAN & PROFILE LINE B
- SS6 SANITARY PLAN & PROFILE LINE B
- SS7 SANITARY DETAILS

ENGINEERS STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DBAINAGE, GRADING AND EROSION CONTRICL PLANS AND ASPECIFICATIONS. AND SEND FLAND SAID MASKED PLANS AND MASKED PLANS SAID SENDER PLANS SAID MASKED PLANS SAID SENDER PLANS SAID SE



DATE

JOHN D. O'ROURKE, P.E. STATE OF COLORADO REGISTRATION NO. 43327

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



EL PASO COUNTY:

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL, AS AMENDED

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WAL NEED TO BE RESUBMITTED FOR APPROVED.

APPROVED.

BORDISHING DEPARTMENT

60.2.092 78.8.3.7 M.

EPP Partings A Officially



COUNTY ENGINEER/ECM ADMINISTRATOR

CHEROKEE METROPOLITAN DISTRICT WASTEWATER PLAN APPROVAL

THE CHEROKEE METROPOLITAN DISTRICT RECOGNIZES THE DESIGN PROFESSIONAL OF RECORD AS THE LICENSED CIVIL ENGINEER HAVING RESPONSIBILITIES FOR THE SUBMITTED DESIGN AND THE DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY AS SUCH, THE APPROVAL GRANTED HERBIN IS FOR THE CONSTRUCTION OF THE FACILITIES AS REPRESENTED ON THESE DOCUMENTS APPROVAL EXPIRES ONE (1) YEAR FROM THE DATE BELOW AND RESUMENTIAL OF THESE PLANS FOR REVIEW AND APPROVAL IS REQUIRED IF CONSTRUCTION DOES NOT BEGIN DURING THIS PEBBOR.

APPROVED BY

OWNER/DEVELOPER:

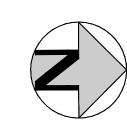


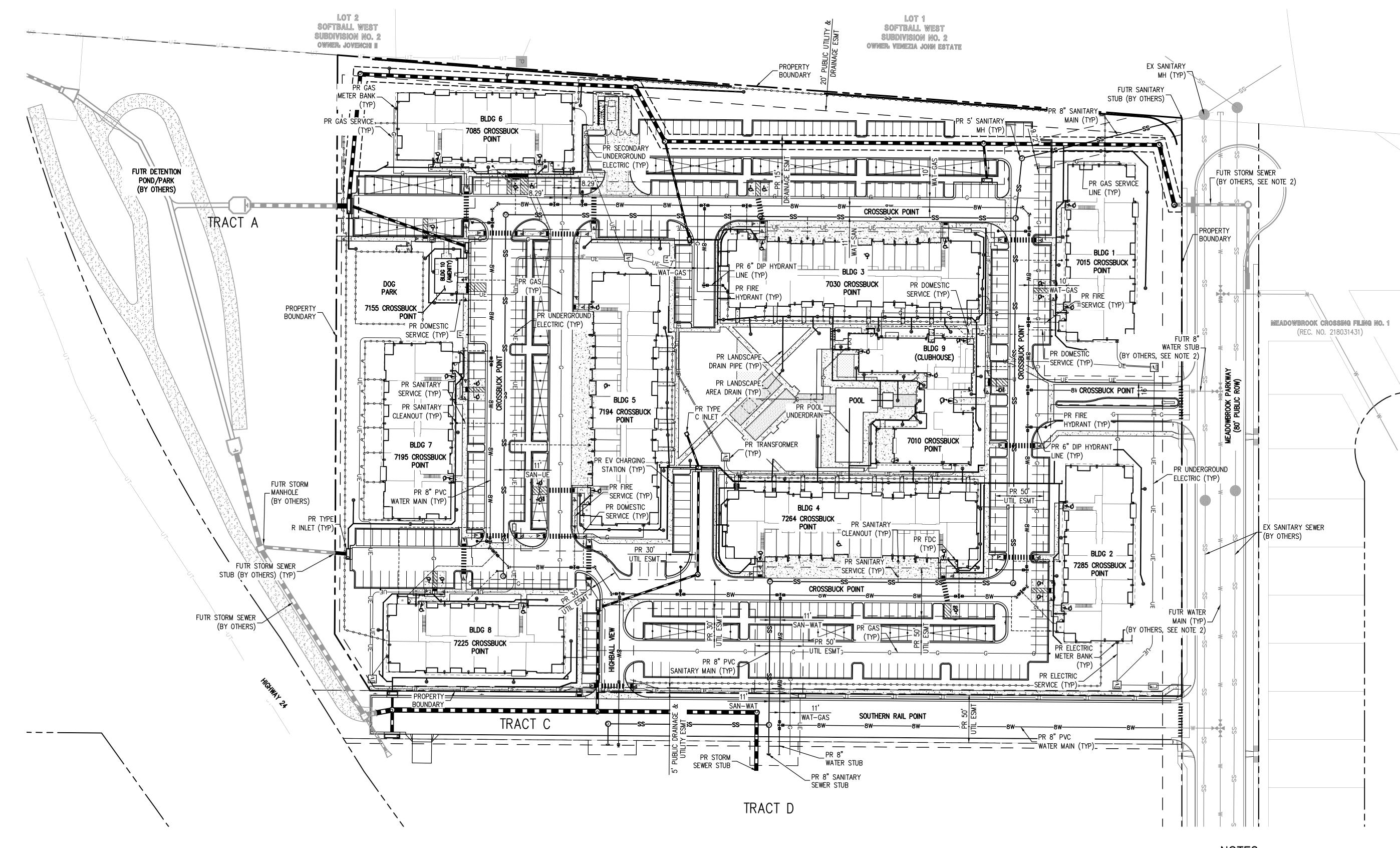
1515 WYNKOOP ST , STE 300 DENVER, CO 80202 P 970-819-9968 POC: ALLISON JONES

CIVIL ENGINEER



ISSUE L	ATE: 08-06-2021	PROJECT #: 200823
DATE	REV	ISION COMMENTS
10-29-2021	PER COUNTY COMMENT	8
01-13-2022	PER COUNTY COMMENT	3
64 01-2022	ISSUED FOR CONSTRUC	TION





NOTES:

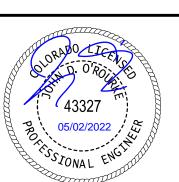
1. REPAIR OF ALL LOT 1 STREET PAVEMENT, SIDEWALK, CURB & GUTTER SHALL BE REPLACED BY OWNER/HOA (NOT CHEROKEE METRO DISTRICT) WHEN REPAIRS ARE NEEDED. 2. FUTURE UTILITIES SHOWN ARE TO BE INSTALLED BY CROSSROADS METROPOLITAN DISTRICT NO. 1. REFER TO THE CROSSROADS MIXED USE FILING NO. 1 UTILITY PLANS PREPARED BY MS CIVIL, DATED FEBRUARY 2022.



SSUE DATE: 08-06-2021 REVISION COMMENTS 0-29-2021 PER COUNTY COMMENTS 1-13-2022 PER COUNTY COMMENTS SCALE: 1" = 50' 04-01-2022 ISSUED FOR CONSTRUCTION Denver, Colorado 80203 P: 303.623.6300 F: 303.623.6311 HarrisKocherSmith.com DESIGNED BY: EEM CHECKED BY: JDO DRAWN BY: EEM

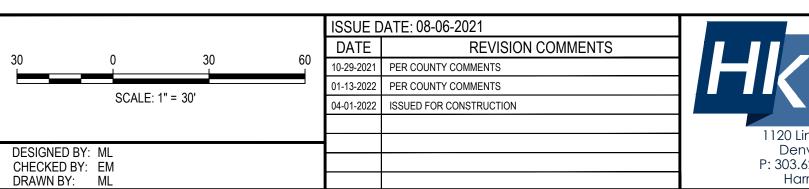


AURA AT CROSSROADS OVERALL UTILITY PLAN



PROJECT #: 200823 SHEET NUMBER

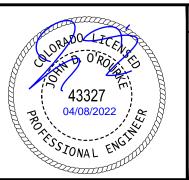
Know what's below.
Call before you dig.





TRINSIC ACQUISITION COMPANY, LLC

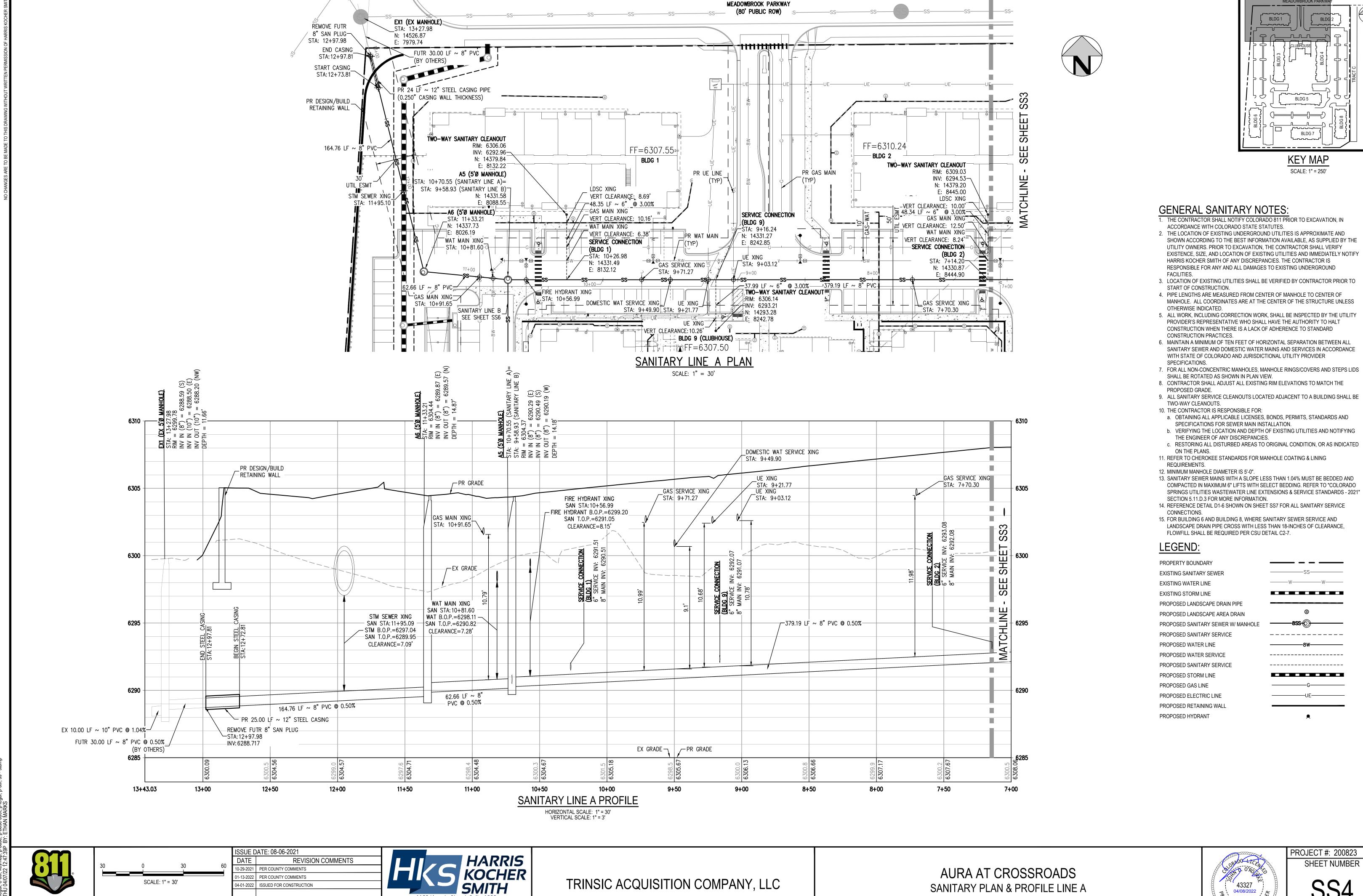
AURA AT CROSSROADS SANITARY PLAN & PROFILE LINE A



PROJECT #: 200823
SHEET NUMBER

3 OF 7

MEADOWBROOK PARKWAY



43327

4 OF 7

1-13-2022 PER COUNTY COMMENTS

04-01-2022 ISSUED FOR CONSTRUCTION

Denver, Colorado 80203

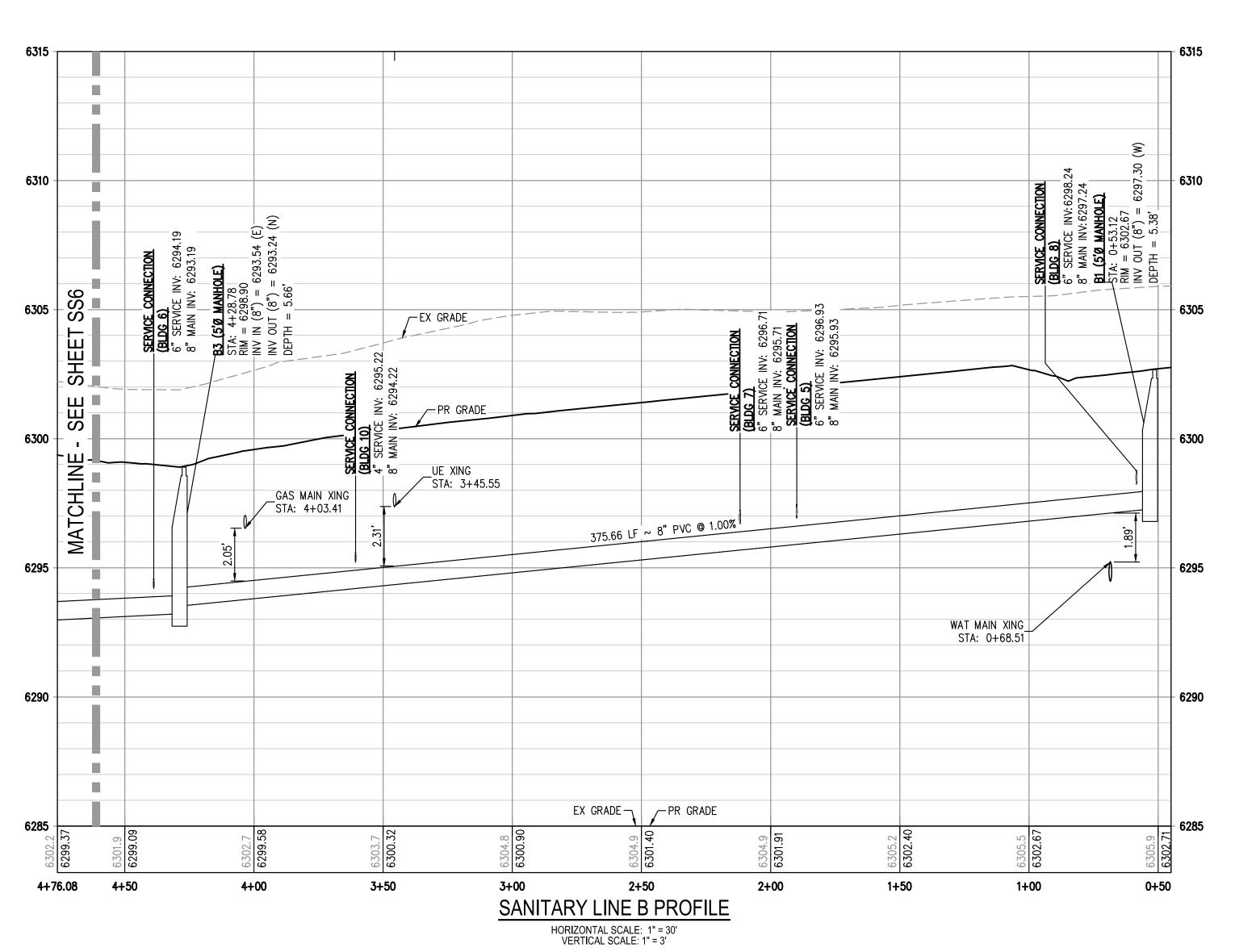
P: 303.623.6300 F: 303.623.6311

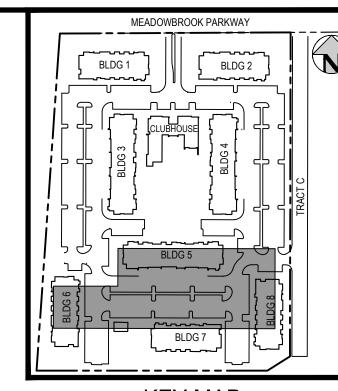
HarrisKocherSmith.com

SCALE: 1" = 30'

DESIGNED BY: ML CHECKED BY: EM DRAWN BY: ML

Call before you dig.





KEY MAP SCALE: 1" = 250'

GENERAL SANITARY NOTES:

1. THE CONTRACTOR SHALL NOTIFY COLORADO 811 PRIOR TO EXCAVATION, IN ACCORDANCE WITH COLORADO STATE STATUTES.

- 2. THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS APPROXIMATE AND SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE, AS SUPPLIED BY THE UTILITY OWNERS. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL VERIFY EXISTENCE, SIZE, AND LOCATION OF EXISTING UTILITIES AND IMMEDIATELY NOTIFY HARRIS KOCHER SMITH OF ANY DISCREPANCIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING UNDERGROUND
- FACILITIES.

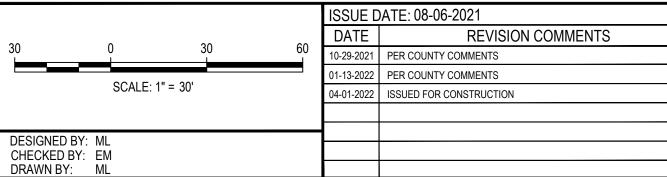
 3. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF CONSTRUCTION.
- PIPE LENGTHS ARE MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE. ALL COORDINATES ARE AT THE CENTER OF THE STRUCTURE UNLESS OTHERWISE INDICATED.
- 5. ALL WORK, INCLUDING CORRECTION WORK, SHALL BE INSPECTED BY THE UTILITY PROVIDER'S REPRESENTATIVE WHO SHALL HAVE THE AUTHORITY TO HALT CONSTRUCTION WHEN THERE IS A LACK OF ADHERENCE TO STANDARD CONSTRUCTION PRACTICES.
- MAINTAIN A MINIMUM OF TEN FEET OF HORIZONTAL SEPARATION BETWEEN ALL SANITARY SEWER AND DOMESTIC WATER MAINS AND SERVICES IN ACCORDANCE WITH STATE OF COLORADO AND JURISDICTIONAL UTILITY PROVIDER SPECIFICATIONS.
- 7. FOR ALL NON-CONCENTRIC MANHOLES, MANHOLE RINGS/COVERS AND STEPS LIDS SHALL BE ROTATED AS SHOWN IN PLAN VIEW.
- 8. CONTRACTOR SHALL ADJUST ALL EXISTING RIM ELEVATIONS TO MATCH THE
- PROPOSED GRADE.

 9. ALL SANITARY SERVICE CLEANOUTS LOCATED ADJACENT TO A BUILDING SHALL BE TWO-WAY CLEANOUTS.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR:
- a. OBTAINING ALL APPLICABLE LICENSES, BONDS, PERMITS, STANDARDS AND SPECIFICATIONS FOR SEWER MAIN INSTALLATION.
- b. VERIFYING THE LOCATION AND DEPTH OF EXISTING UTILITIES AND NOTIFYING THE ENGINEER OF ANY DISCREPANCIES.
- c. RESTORING ALL DISTURBED AREAS TO ORIGINAL CONDITION, OR AS INDICATED ON THE PLANS.
- 11. REFER TO CHEROKEE STANDARDS FOR MANHOLE COATING & LINING REQUIREMENTS.
- 12. MINIMUM MANHOLE DIAMETER IS 5'-0".
 13. SANITARY SEWER MAINS WITH A SLOPE LESS THAN 1.04% MUST BE BEDDED AND
- COMPACTED IN MAXIMUM 6" LIFTS WITH SELECT BEDDING. REFER TO "COLORADO SPRINGS UTILITIES WASTEWATER LINE EXTENSIONS & SERVICE STANDARDS 2021" SECTION 5.11.D.3 FOR MORE INFORMATION.
- 14. REFERENCE DETAIL D1-6 SHOWN ON SHEET SS7 FOR ALL SANITARY SERVICE CONNECTIONS.
 15. FOR BUILDING 6 AND BUILDING 8, WHERE SANITARY SEWER SERVICE AND
- 15. FOR BUILDING 6 AND BUILDING 8, WHERE SANITARY SEWER SERVICE AND LANDSCAPE DRAIN PIPE CROSS WITH LESS THAN 18-INCHES OF CLEARANCE FLOWFILL SHALL BE REQUIRED PER CSU DETAIL C2-7.

LEGEND:

PROPERTY BOUNDARY **EXISTING SANITARY SEWER** EXISTING WATER LINE EXISTING STORM LINE PROPOSED LANDSCAPE DRAIN PIPE PROPOSED LANDSCAPE AREA DRAIN PROPOSED SANITARY SEWER W/ MANHOLE PROPOSED SANITARY SERVICE ______ PROPOSED WATER LINE PROPOSED WATER SERVICE PROPOSED SANITARY SERVICI -----PROPOSED STORM LINE PROPOSED GAS LINE PROPOSED ELECTRIC LINE PROPOSED RETAINING WAL PROPOSED HYDRANT







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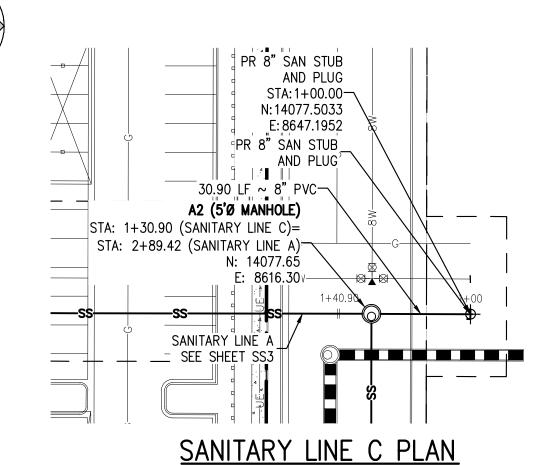
TRINSIC ACQUISITION COMPANY, LLC

AURA AT CROSSROADS SANITARY PLAN & PROFILE LINE B



PROJECT #: 200823
SHEET NUMBER

5 OF 7



SCALE: 1" = 30'

6310 -

6305 -

6300

1+40.90

SANITARY LINE A

SEE SHEET SS3

A2 (58 MAN STA: 1+30.9 STA: 2+89.4 RIM = 6307. INV IN (8") = INV OUT (8") DEPTH = 12.

- 6310

6305

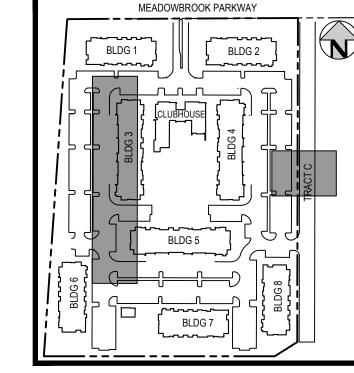
6300

6295

└─30.90 LF ~ 8" PVC @ 0.50%

1+00 0+90





KEY MAP SCALE: 1" = 250'

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OTHERWISE INDICATED.

5. ALL WORK, INCLUDING CORRECTION WORK, SHALL BE INSPECTED BY THE UTILITY PROVIDER'S REPRESENTATIVE WHO SHALL HAVE THE AUTHORITY TO HALT CONSTRUCTION WHEN THERE IS A LACK OF ADHERENCE TO STANDARD

6. MAINTAIN A MINIMUM OF TEN FEET OF HORIZONTAL SEPARATION BETWEEN ALL SANITARY SEWER AND DOMESTIC WATER MAINS AND SERVICES IN ACCORDANCE WITH STATE OF COLORADO AND JURISDICTIONAL UTILITY PROVIDER

 FOR ALL NON-CONCENTRIC MANHOLES, MANHOLE RINGS/COVERS AND STEPS LIDS SHALL BE ROTATED AS SHOWN IN PLAN VIEW.

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THE ENGINEER OF ANY DISCREPANCIES.
c. RESTORING ALL DISTURBED AREAS TO ORIGINAL CONDITION, OR AS INDICATED

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12. MINIMUM MANHOLE DIAMETER IS 5'-0".

13. SANITARY SEWER MAINS WITH A SLOPE LESS THAN 1.04% MUST BE BEDDED AND COMPACTED IN MAXIMUM 6" LIFTS WITH SELECT BEDDING. REFER TO "COLORADO SPRINGS UTILITIES WASTEWATER LINE EXTENSIONS & SERVICE STANDARDS - 2021" SECTION 5.11.D.3 FOR MORE INFORMATION.

14. REFERENCE DETAIL D1-6 SHOWN ON SHEET SS7 FOR ALL SANITARY SERVICE CONNECTIONS.

15. FOR BUILDING 6 AND BUILDING 8, WHERE SANITARY SEWER SERVICE AND LANDSCAPE DRAIN PIPE CROSS WITH LESS THAN 18-INCHES OF CLEARANCE,

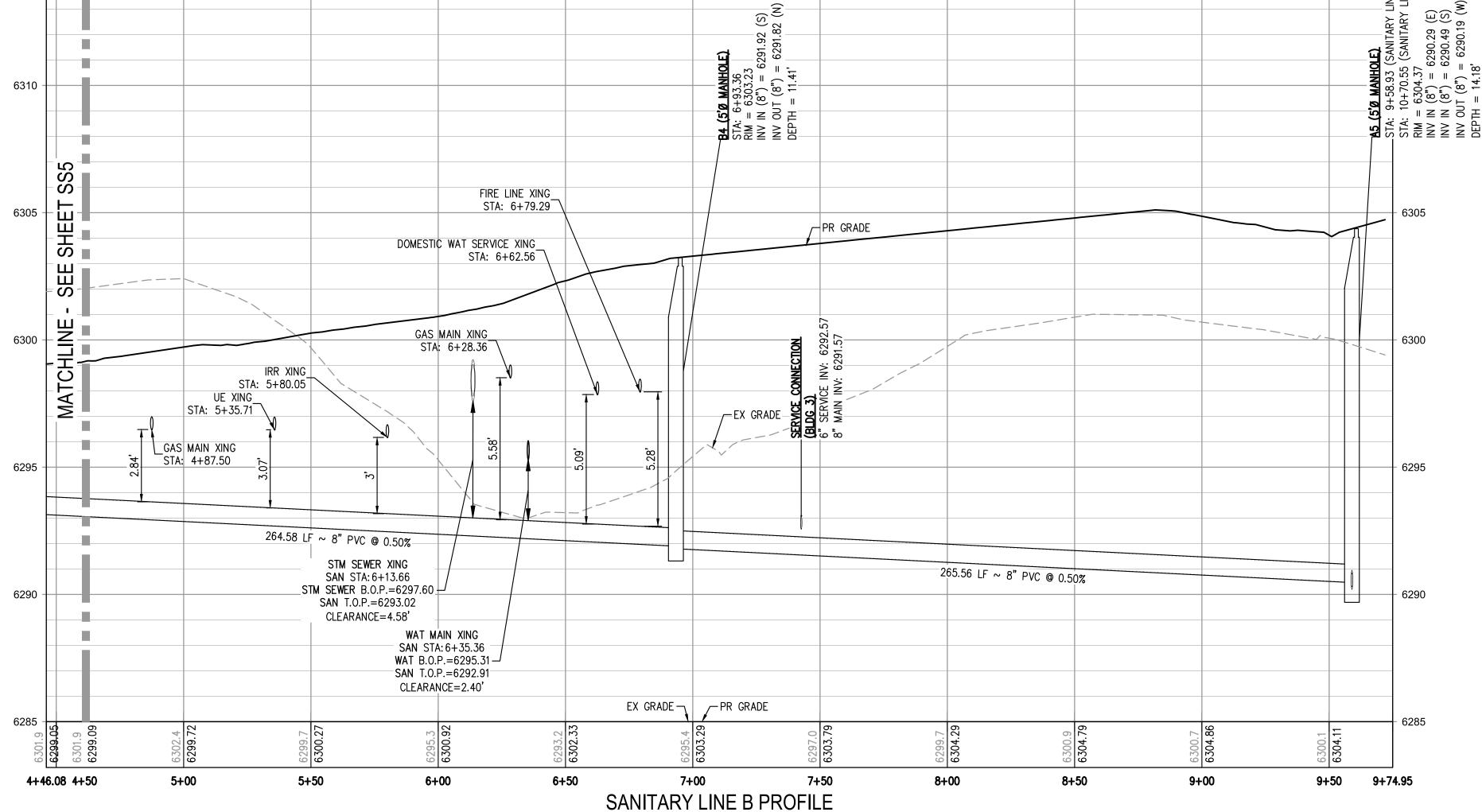
FLOWFILL SHALL BE REQUIRED PER CSU DETAIL C2-7.

LEGEND:

PROPOSED HYDRANT

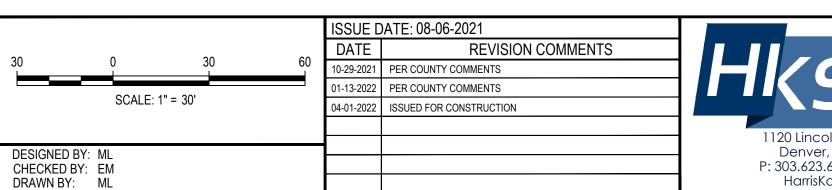
PROPERTY BOUNDARY **EXISTING SANITARY SEWER EXISTING WATER LINE** EXISTING STORM LINE PROPOSED LANDSCAPE DRAIN PIPE PROPOSED LANDSCAPE AREA DRAIN **−8SS-(⊙)**----PROPOSED SANITARY SEWER W/ MANHOLE PROPOSED SANITARY SERVICE ______ PROPOSED WATER LINE PROPOSED WATER SERVICE -----PROPOSED SANITARY SERVICE -----PROPOSED STORM LINE PROPOSED GAS LINE PROPOSED ELECTRIC LINE PROPOSED RETAINING WAL







6315 T





HORIZONTAL SCALE: 1" = 30' VERTICAL SCALE: 1" = 3'

TRINSIC ACQUISITION COMPANY, LLC

AURA AT CROSSROADS SANITARY PLAN & PROFILE LINE B

SANITARY LINE C PROFILE

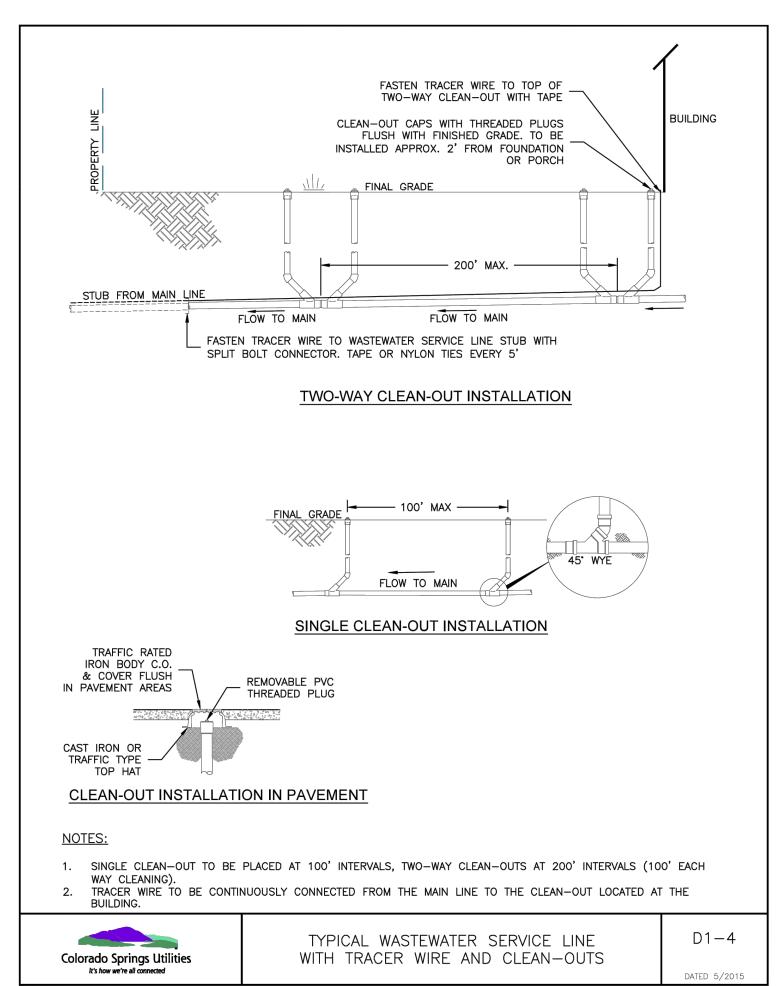
HORIZONTAL SCALE: 1" = 30' VERTICAL SCALE: 1" = 3'

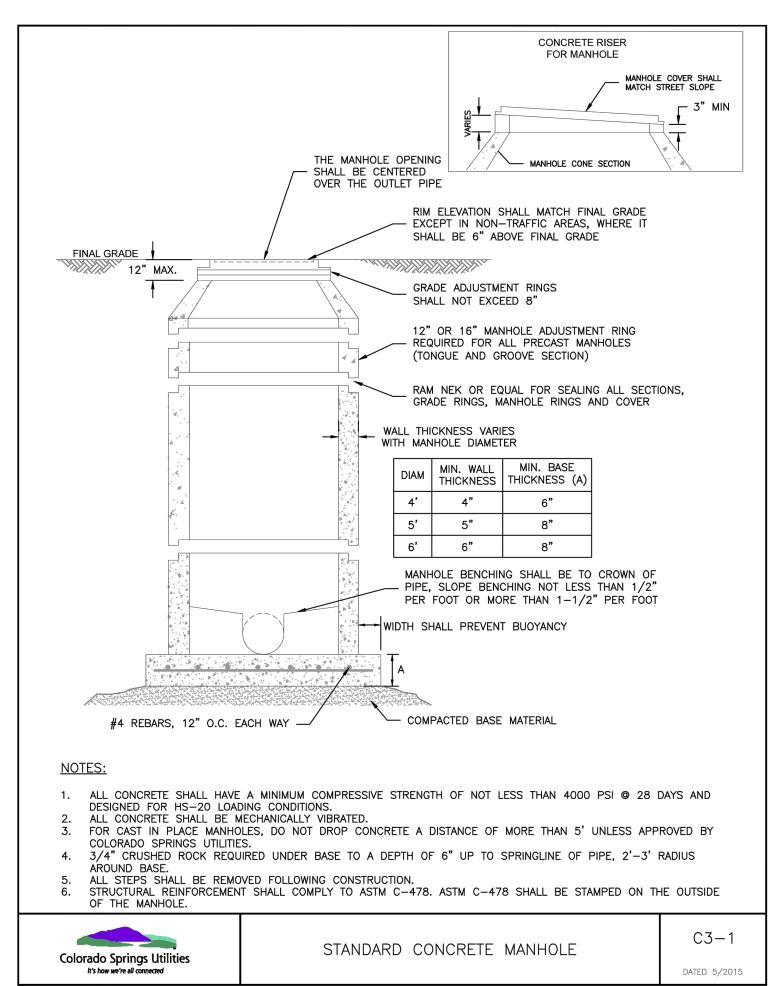


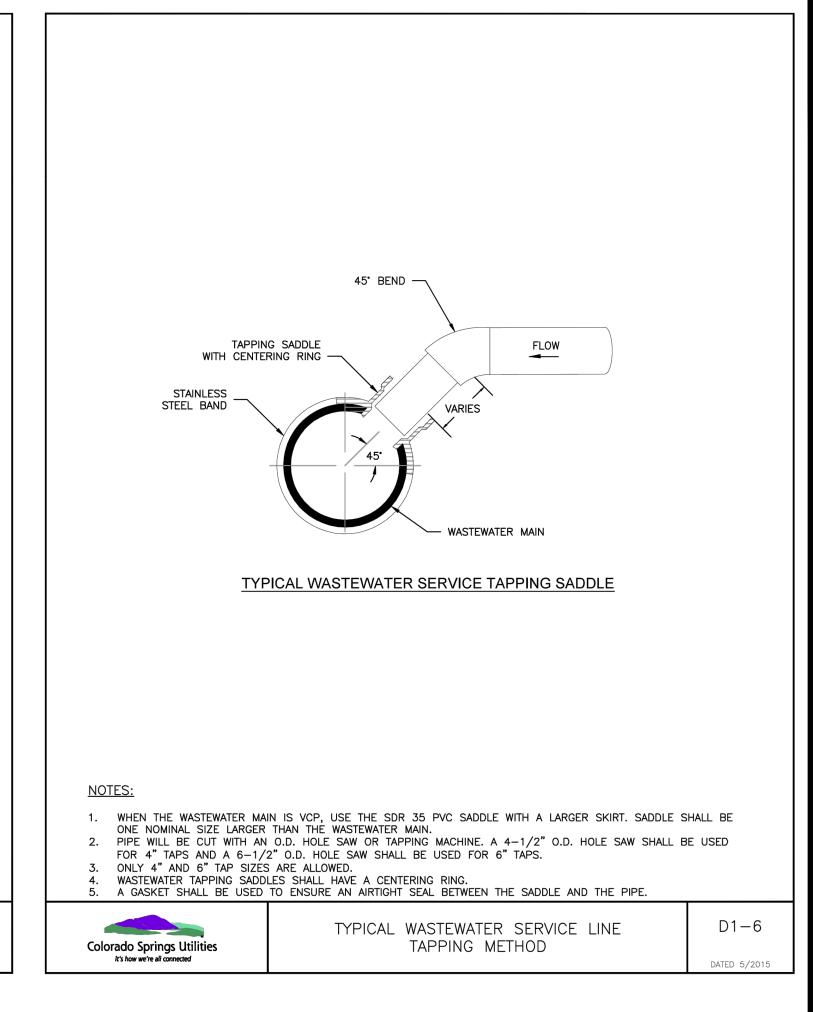
PROJECT #: 200823
SHEET NUMBER

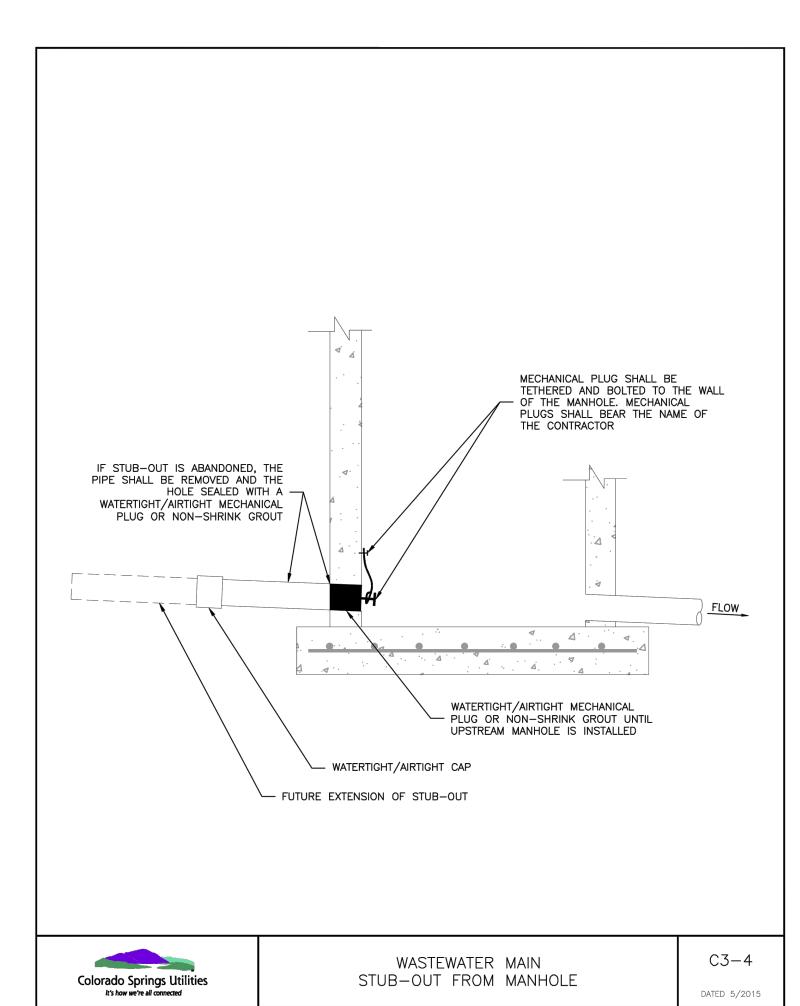
S6

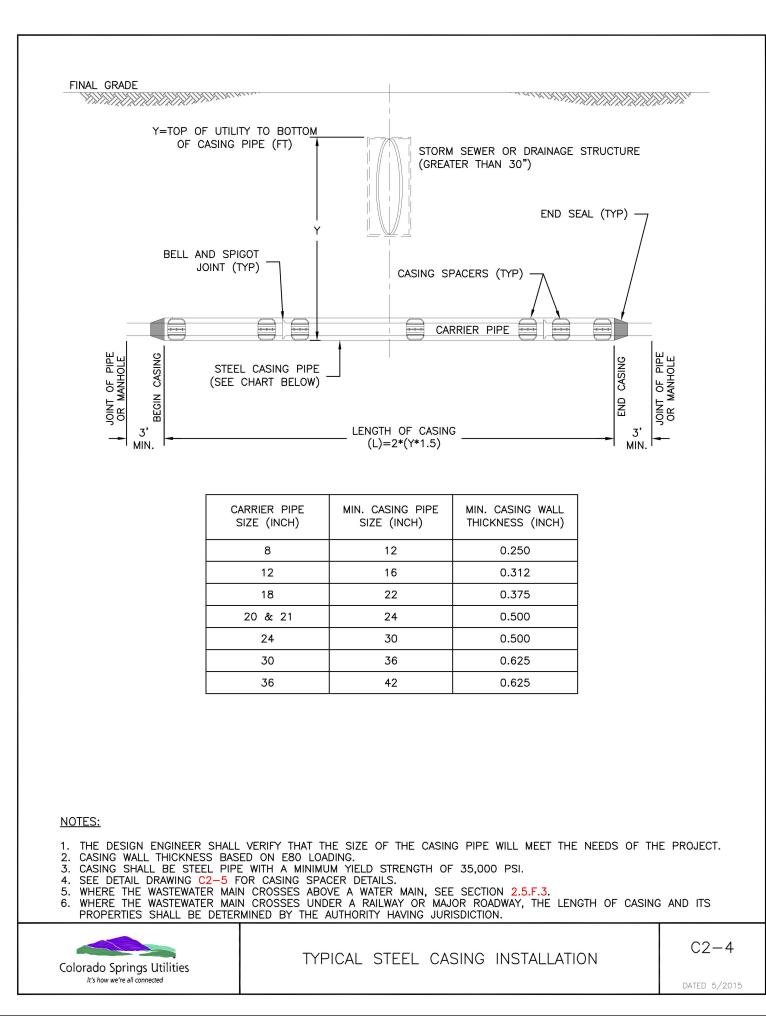
6 OF 7

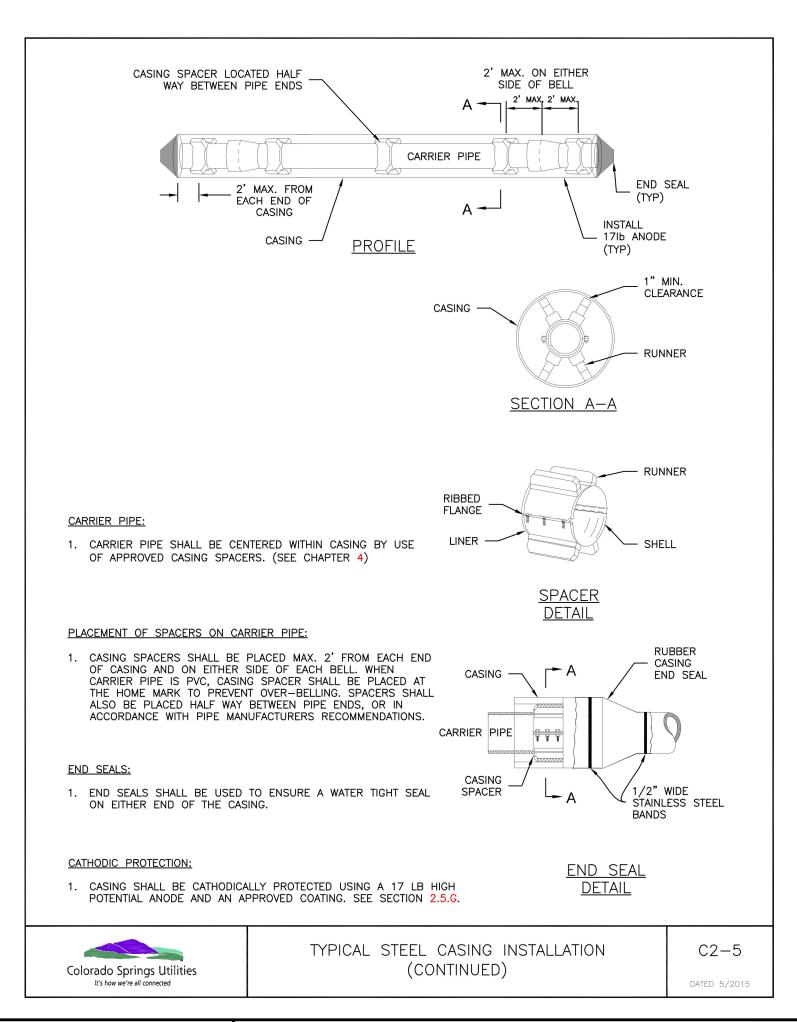


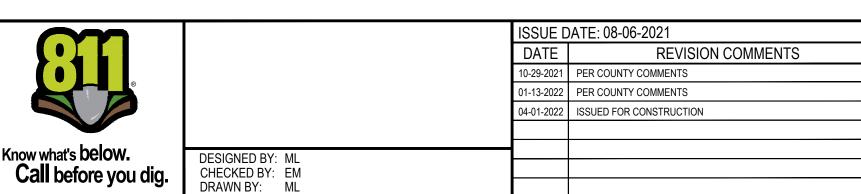














HarrisKocherSmith.com

AURA AT CROSSROADS SANITARY DETAILS



PROJECT #: 200823
SHEET NUMBER

SS7

7 OF 7