



Know what's below.
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THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

ASPEN RANCH

FOUNTAIN, COLORADO

30% CONSTRUCTION PLANS

MARCH, 2020

OWNER/DEVELOPER PLAN APPROVAL

THE UNDERSIGNED OWNER/DEVELOPER AGREES THAT THEY SHALL, AT THEIR EXPENSE, BE SOLELY RESPONSIBLE FOR 1) THE INSTALLATION OF THE PROPOSED UTILITY INFRASTRUCTURE IN ACCORDANCE WITH THESE PLANS, AND 2) ALL DAMAGES AND DEFECTS ARISING FROM, OR RELATED TO, THE INSTALLATION, MAINTENANCE OR OPERATION OF THE PUBLIC UTILITY INFRASTRUCTURE FROM THE DATE OF PRELIMINARY ACCEPTANCE FOR A PERIOD OF TWO YEARS, OR UNTIL FINAL ACCEPTANCE, WHICHEVER IS LATER.

THE UNDERSIGNED UNDERSTANDS THAT ALL PRIVATE UTILITY INFRASTRUCTURE, AS INDICATED ON THESE PLANS, SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE MAINTAINED BY THE OWNER, AS REQUIRED BY COLORADO SPRINGS UTILITIES' LINE EXTENSION AND SERVICE STANDARDS.

PUBLIC FACILITIES PROPOSED PRIVATE FACILITIES PROPOSED

SIGNED _____ DATE _____
OWNER/DEVELOPER

RANDY O'LEARY
OWNER/DEVELOPER (PRINT NAME)

DBA: COLA, LLC

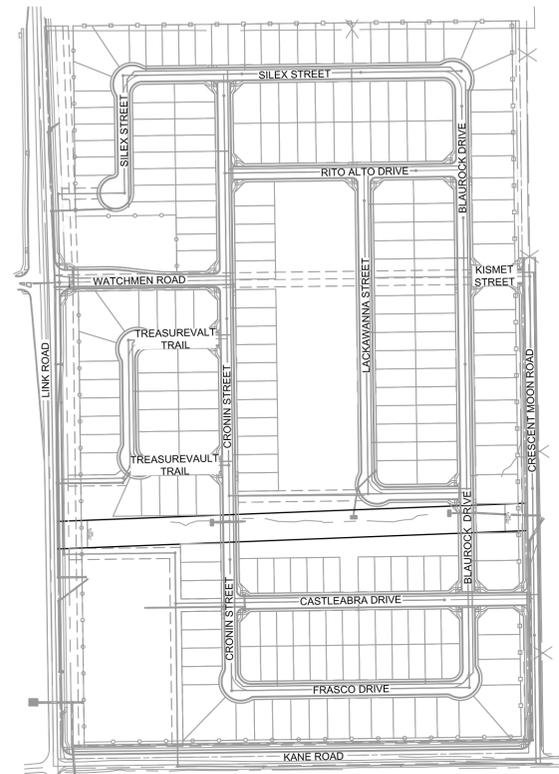
ADDRESS: 555 MIDDLE PARKWAY, SUITE 380
COLORADO SPRINGS, CO 80921

PHONE: (719) 382-9422
EMAIL: _____

PREPARED UNDER THE DIRECT SUPERVISION OF:

By: JEFFREY A. ODOR, PE #39265 Date: _____
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.

SHEET LIST TABLE		
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SITE MAP

1" = 250'



VICINITY MAP

N.T.S.

OWNER DEVELOPER	COLA, LLC. 555 MIDDLE CREEK PKWY, SUITE 380 COLORADO SPRINGS, CO 80921 RANDY O'LEARY, (719) 382-9422	WASTEWATER DEPARTMENT	FOUNTAIN SANITATION DISTRICT 11545 LINK RD COLORADO SPRINGS, CO 80817 (719) 382-3441
CIVIL ENGINEER	MATRIX DESIGN GROUP 2435 RESEARCH PARKWAY, SUITE 300 COLORADO SPRINGS, COLORADO 80920 JEFFREY A. ODOR, (719) 575-0100	GAS DEPARTMENT	BLACK HILLS ENERGY (800) 303-0752
ENGINEERING DIVISION	CITY OF FOUNTAIN 116 SOUTH MAIN STREET FOUNTAIN, CO 80817 (719) 393-4930	ELECTRIC DEPARTMENT	CITY OF FOUNTAIN ELECTRIC DEPARTMENT 6745 SOUTHMOOR DRIVE FOUNTAIN, CO 80817 (719) 322-2092
TRAFFIC ENGINEERING	CITY OF FOUNTAIN 116 SOUTH MAIN STREET FOUNTAIN, CO 80817 (719) 393-4930	TELEPHONE DEPARTMENT	CENTURY LINK (LOCATORS) (719) 597-8418 AT&T (LOCATORS) (719) 635-3674
DEVELOPMENT SERVICES	CITY OF FOUNTAIN 116 SOUTH MAIN STREET FOUNTAIN, CO 80817 (719) 322-2015	FIRE DEPARTMENT	CITY OF FOUNTAIN FIRE DEPARTMENT DIVISION OF FIRE PROTECTION 811 N. SANTA FE AVE FOUNTAIN, CO 80817 MICHAEL GATES (719) 393-6890
WATER DEPARTMENT	CITY OF FOUNTAIN 301 E IOWA AVE FOUNTAIN, CO 80817 (719) 322-2072		

30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-886-EX-BASE-MATRIX	###	###	###	###	
X-886-PR-SITE-PLAN - SARAH	###	###	###	###	
X-886-PR-SITE-PLAN	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
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FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\TS01.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:17:52 PM					
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<p>PREPARED BY:</p>		<p>SEAL</p> <p>PRELIMINARY THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE</p>		<p>ASPEN RANCH</p>	
				<p>CONSTRUCTION DOCUMENTS</p>	
				<p>TITLE SHEET</p>	
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.	DESIGNED BY: CRD	SCALE: N/A	DATE ISSUED: 3/12/2020	DRAWING No.	
PROJECT No. 19.886.023	DRAWN BY: JAO	HORIZ: N/A	SHEET 01 OF 78	TS01	



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ABBREVIATIONS

APPROX	APPROXIMATE or APPROXIMATELY
B/C	BACK OF CURB
BTM	BOTTOM
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CFS	CUBIC FEET PER SECOND
CL or CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
EA	EACH
ESMT	EASEMENT
ELEV or EL	ELEVATION
EX or EXIST	EXISTING
FES	FLARED END SECTION
FL or FL	FLOWLINE
FT	FOOT/FEET
HGL	HYDRAULIC GRADE LINE
HP	HIGH POINT
HORIZ	HORIZONTAL
INV	INVERT
K	VERTICAL CURVE FACTOR
LBS	POUNDS
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
NTS	NOT TO SCALE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PCR	POINT OF CURB RETURN
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE or POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENT
R or RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RED	REDUCER
ROW	RIGHT-OF-WAY
RT	RIGHT
SCH	SCHEDULE
SD	STORM SEWER
ST	STREET
STA	STATION
STD	STANDARD
SS	SANITARY SEWER
SW or S/W	SIDEWALK
TAN	TANGENT
TBC	TOP BACK OF CURB
TFC	TOP FACE OF CURB
TOB	TOP OF BOX
TYP	TYPICAL
UG	UNDERGROUND
UTIL	UTILITY
VC	VERTICAL CURVE
VERT	VERTICAL
W	WIDTH
w/	WITH

SYMBOLS

	PROPOSED CENTERLINE		EXISTING MANHOLE
	EXISTING FENCE		PROPOSED MANHOLE
	PROPOSED FENCE		THRUST BLOCK
	EXISTING PAVED ROAD		FIRE HYDRANT
	EXISTING UNDERGROUND UTILITY		EXISTING WATER VALVE
	PROPOSED UNDERGROUND UTILITY		PROPOSED WATER VALVE
	RIGHT OF WAY		EXISTING STORM INLET
	EASEMENT		PROPOSED STORM DRAIN/INLET
	EXISTING CURB & GUTTER		PLUG PIPE
	PROPOSED CURB & GUTTER		PROPOSED SIGN
	EXISTING CONTOUR		EXISTING SIGN
	PROPOSED CONTOUR		
	HYDRAULIC GRADE LINE		
	SLOPE or DRAINAGE FLOW		
	LIMITS OF CONSTRUCTION		

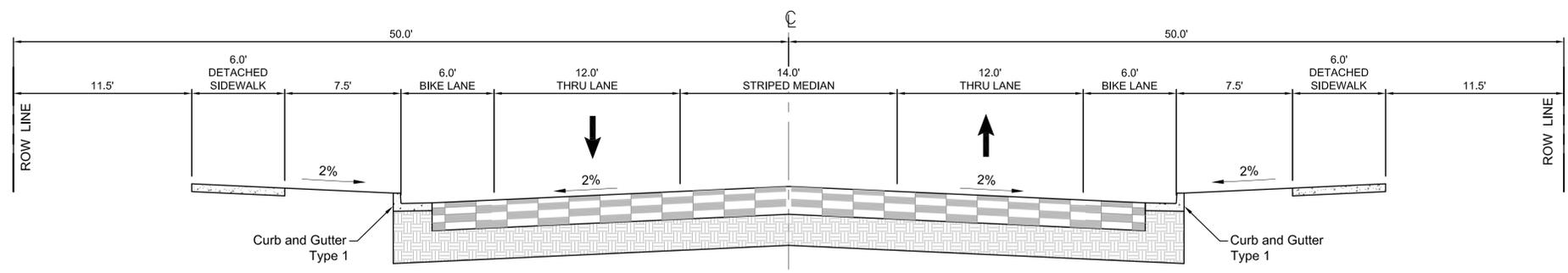
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30% PLANS

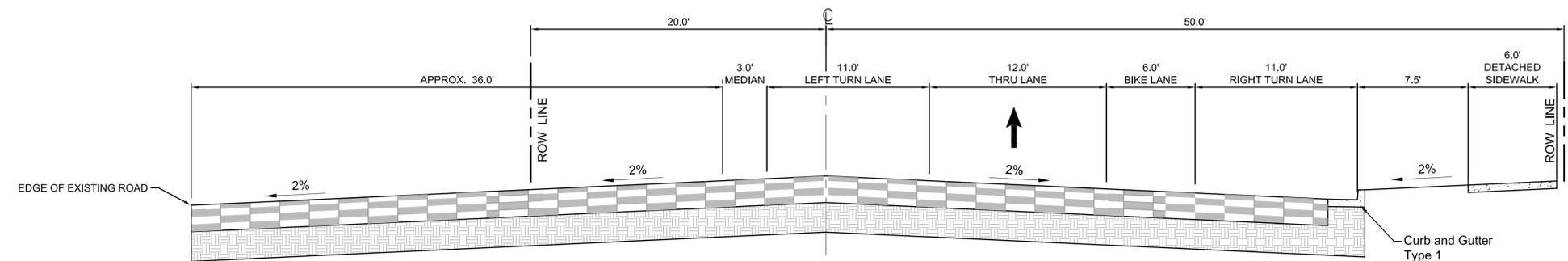
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	No.	DATE	DESCRIPTION	BY					CONSTRUCTION DOCUMENTS GENERAL NOTES		
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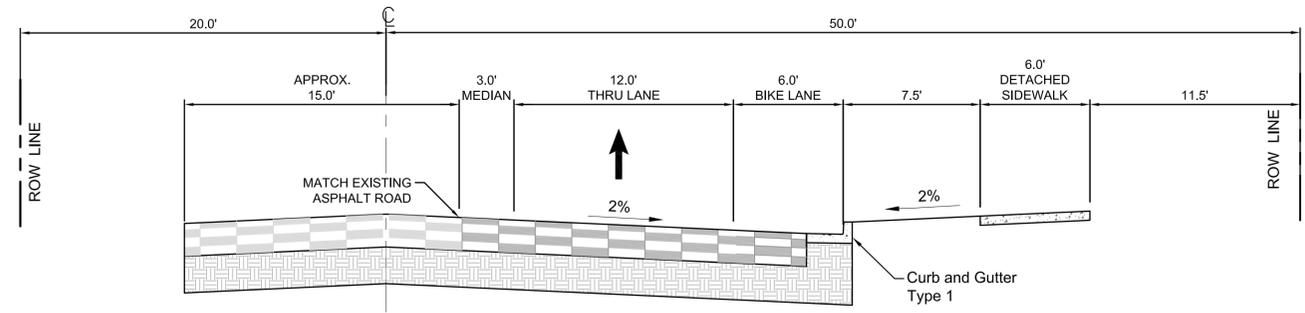
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LINK ROAD- NO TURN LANES
ULTIMATE
NOT TO SCALE



LINK ROAD- TURN LANES
INTERIM
NOT TO SCALE



LINK ROAD- NO TURN LANES
INTERIM CONDITION
NOT TO SCALE

30% PLANS

REFERENCE DRAWINGS	###	###	###	###	###	###	###
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PREPARED BY:

SEAL

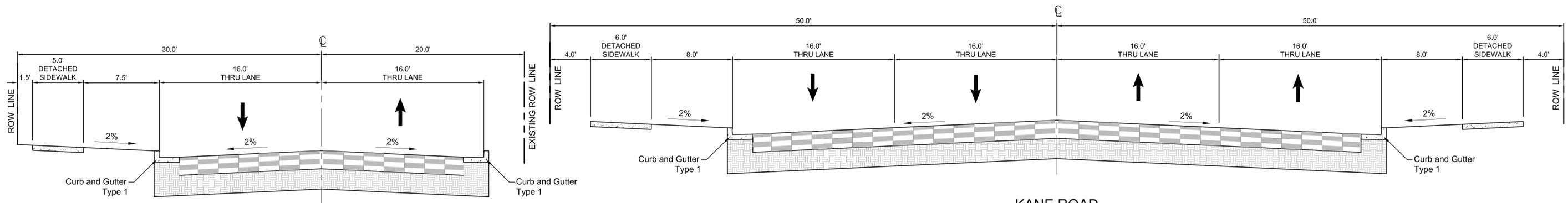
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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
TYPICAL SECTIONS			
DESIGNED BY: CRD	SCALE: 1"=5'	DATE ISSUED: 3/12/2020	DRAWING No. GN02
DRAWN BY: CRD	HORIZ: 1"=5'	SHEET 03 OF 78	
CHECKED BY: JAO	VERT: N/A		

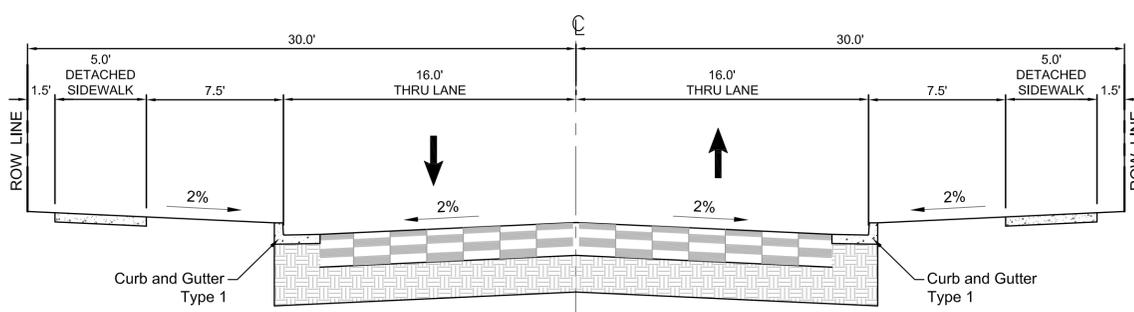


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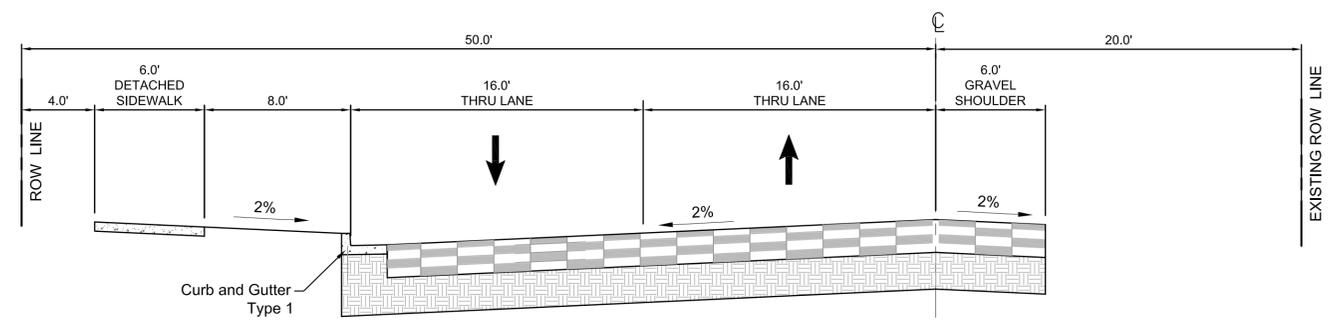


**CRESCENT MOON
INTERIM**
NOT TO SCALE

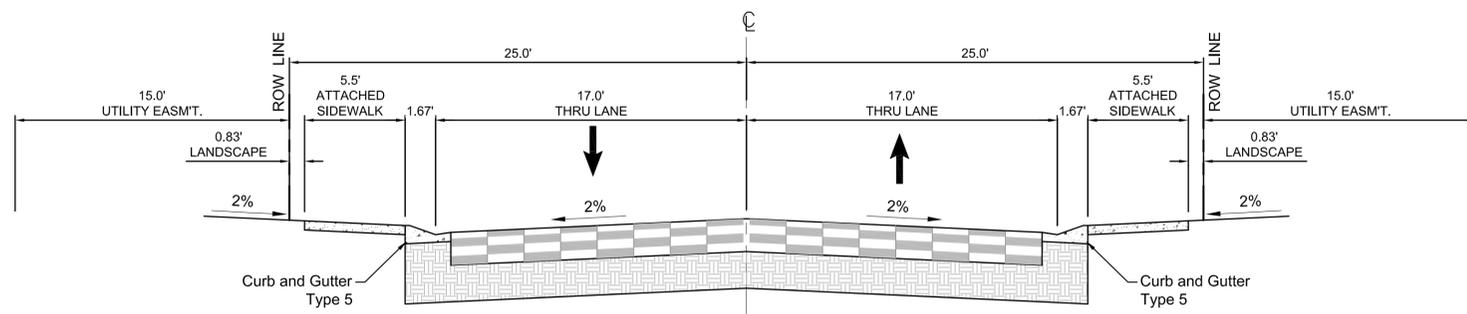
**KANE ROAD
ULTIMATE**
NOT TO SCALE



**CRESCENT MOON
ULTIMATE**
NOT TO SCALE



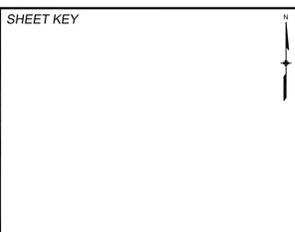
**KANE ROAD
INTERIM**
NOT TO SCALE



**TYPICAL SECTION
RESIDENTIAL LOCAL ROADWAY**
NOT TO SCALE

30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
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CONSTRUCTION DOCUMENTS			
TYPICAL SECTIONS			
DESIGNED BY: CRD	SCALE: 1"=5'	DATE ISSUED: 3/12/2020	DRAWING No. GN03
CHECKED BY: JAO	VERT. N/A	SHEET 04 OF 78	



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1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF FOUNTAIN , ENGINEERING DIVISION, GENERAL PROVISIONS, SPECIAL PROVISIONS, STANDARD SPECIFICATIONS, REVISIONS TO STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS, LATEST REVISIONS.
2. UTILITY LINES AS SHOWN ON THE PLAN SHEETS ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION AND PROTECTION OF ALL UTILITIES IN PLACE.
3. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 811 TWO BUSINESS DAYS IN ADVANCE OF ANY EXCAVATING OR GRADING.
4. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL UTILITIES AND STRUCTURES AFFECTED BY THE WORK AND ANY DAMAGE SHALL BE REPAIRED AND RESTORED TO THE SATISFACTION OF THE CITY OF FOUNTAIN .
5. THE PHYSICAL FEATURES WITHIN THE LIMITS OF THE PROJECT HAVE BEEN SHOWN BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FEATURES SHOWN. THE CONTRACTOR SHALL REVIEW AND VERIFY EXISTING PHYSICAL FEATURES AND INFORM HIMSELF OF THE CONDITIONS TO BE ENCOUNTERED DURING CONSTRUCTION.
6. ALL WORK SHALL BE DONE TO THE LINES, GRADES, SECTIONS, AND ELEVATIONS SHOWN ON THE PLANS UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER.
7. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF FOUNTAIN AND THE ENGINEER.
8. THE ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
9. ALL STATIONS ARE ALONG THE STREET CENTERLINE UNLESS OTHERWISE NOTED.
10. PAVEMENT DIMENSIONS AND RADII ARE SHOWN TO THE FLOW LINE OF CURB UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE AND/OR TOES OF SLOPE AS SHOWN ON THE PLANS AND CROSS SECTIONS. ANY DISTURBANCE BEYOND THESE LIMITS SHALL BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR AT HIS/HER OWN EXPENSE. CONSTRUCTION ACTIVITIES, IN ADDITION TO NORMAL CONSTRUCTION PROCEDURES, SHALL INCLUDE THE PARKING OF VEHICLES OR EQUIPMENT, DISPOSAL OF LITTER AND ANY OTHER ACTION WHICH WOULD ALTER EXISTING CONDITIONS.
12. WHERE PAVEMENT IS TO ABUT EXISTING PAVEMENT, THE EXISTING PAVEMENT SHALL BE REMOVED TO A NEAT VERTICAL LINE BY FULL DEPTH SAWING. SAWING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO "REMOVAL OF ASPHALT PAVEMENT". THE CONTRACTOR WILL BE REQUIRED TO PAINT THE EDGE OF CUT PAVEMENT WITH DILUTED EMULSIFIED ASPHALT (SLOW SETTING) PRIOR TO PAVING OPERATIONS. VERTICAL EDGES SHALL NOT REMAIN OVERNIGHT. RATES OF APPLICATION OF DILUTED EMULSIFIED ASPHALT SHALL BE AS DETERMINED BY THE ENGINEER AT THE TIME OF APPLICATION.
13. CONSTRUCTION ACTIVITY SHALL BE SCHEDULED WITH MINIMUM IMPACT TO PEDESTRIAN AND VEHICULAR TRAFFIC. ALLOWABLE WORK HOURS SHALL BE AS SPECIFIED BY THE CITY OF FOUNTAIN .
14. THE PHYSICAL FEATURES REQUIRING REMOVAL OR OBLITERATION WITHIN THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE. THE EXCEPTION IS TRAFFIC CONTROL DEVICES, WHICH SHALL BE SALVAGED FOR CITY MAINTENANCE.
15. INLET LOCATIONS SHOWN ARE TO CENTER OF INLET AT BACK OF CURB EXTENDED.

16. ALL RANGE POINTS, TIES, BENCH MARKS, OR OTHER SURVEY CONTROL POINTS WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION MUST BE PRESERVED.
17. THE CONTRACTOR SHALL HAVE A COPY OF ALL APPLICABLE STANDARDS ON SITE FOR THE DURATION OF THIS PROJECT.
18. THE CONTRACTOR SHALL NOT STOCKPILE MATERIAL WITHIN 10 FT. OF THE EDGE OF TRAVELED WAY.
19. THE FOLLOWING SHALL BE FURNISHED WITH EACH BITUMINOUS PAVER. THIS DEVICE SHALL BE USED ON ALL PASSES AND LIFTS OF BITUMINOUS PAVEMENT PLACED.
 1. A SKI TYPE DEVICE AT LEAST 30 FEET IN LENGTH
 2. SHORT SKI OR SHOE
 3. CONTROL LINE AND STAKES, SUFFICIENT FOR EACH PHASE OF THE PROJECT
20. ANY LAYER OF BITUMINOUS PAVEMENT THAT IS TO HAVE SUCCEEDING LAYER PLACED THEREON SHALL BE COMPLETED FULL WIDTH BEFORE SUCCEEDING LAYER IS PLACED.
21. BEFORE PLACEMENT OF THE TACK COAT, THE CONTRACTOR SHALL CLEAN THE PRESENT ROADWAY AS DIRECTED. CLEANING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROJECT.
22. THE TYPE OF COMPACTION FOR EMBANKMENT ON THIS PROJECT SHALL BE AS SPECIFIED IN THE GEOTECH REPORT.
23. A TACK COAT OF EMULSIFIED ASPHALT (SLOW-SETTING) IS TO BE APPLIED BETWEEN PAVEMENT COURSES TO IMPROVE THE BOND. DILUTED EMULSIFIED ASPHALT FOR TACK COAT SHALL CONSIST OF 1 PART EMULSIFIED ASPHALT AND 1 PART WATER.
24. THE MINIMUM THICKNESS OF THE TOPSOIL SHALL BE 4 INCHES AND WILL BE OBTAINED FROM THE CONTRACTOR'S SOURCES. THE TOPSOIL SHALL BE APPLIED TO ALL SURFACES INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
25. HAY BALES SHALL BE STOCKPILED SO THAT THEY MAY BE DEPLOYED FOR EROSION PROTECTION WITHIN TWO HOURS OF NOTICE BY THE ENGINEER.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION DURATION AND WILL BE IN COMPLIANCE WITH THE STORMWATER DISCHARGE PERMIT REQUIREMENTS.
27. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES NECESSARY THROUGHOUT THE DURATION OF CONSTRUCTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE MODIFICATION OF TRAFFIC SIGNALS WITHIN CONSTRUCTION AREA AS NECESSARY TO MAINTAIN SAFE OPERATIONS.
28. CONTRACTOR SHALL PREPARE A DETAILED TRAFFIC CONTROL PLAN, IF NECESSARY SUBMIT TO THE TRAFFIC CONTROL SUPERVISOR, OBTAIN APPROPRIATE PERMITS IN ACCORDANCE WITH THE "TRAFFIC CONTROLS FOR STREET CONSTRUCTION, UTILITY WORK AND MAINTENANCE OPERATIONS", MUTCD SUPPLEMENT FOR THE CITY OF FOUNTAIN , AUGUST, 1992, CURRENT REVISION.
29. CONTRACTOR IS TO CONTACT TRAFFIC ENGINEERING TO ARRANGE FOR REMOVAL AND REPLACEMENT OF ANY SIGNS CONFLICTING WITH CONSTRUCTION. CONTRACTORS ARE NOT AUTHORIZED TO MOVE EXISTING TRAFFIC CONTROL SIGNS. ANY SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN DURING CONSTRUCTION SHALL BE COVERED. BEFORE COVERING THE SIGN, THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE TRAFFIC ENGINEER. CONTACT TRAFFIC ENGINEERING IF THERE IS A TRAFFIC SIGNAL IN OR NEAR THE WORK ZONE.
30. THE CONTRACTOR SHALL BECOME INTIMATELY FAMILIAR WITH ALL CONSTRUCTION DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
31. ALL SIDEWALKS WITHIN TRACTS AND PARKS AND WHICH ARE ALSO ADJACENT TO PUBLIC STREETS WILL BE CONSTRUCTED AFTER PAVING AND PRIOR TO FINAL ACCEPTANCE.
32. ALL CONCRETE SHALL BE 4,000 PSI PER CITY OF FOUNTAIN STANDARDS.

TRAFFIC GENERAL NOTES:

1. BEFORE EXCAVATING, CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING.
3. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
4. THE APPROVAL OF THESE PLANS OR ISSUANCE OF A PERMIT BY THE CITY OF FOUNTAIN DOES NOT AUTHORIZE THE SUBDIVIDER AND OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICIES.
5. ALL TRAFFIC SIGNS, PAVEMENT MARKINGS, AND TRAFFIC SIGNALS SHALL MEET OR EXCEED M.U.T.C.D. STANDARDS.
6. THE CONTRACTOR SHALL NOT REMOVE ANY EXISTING SIGNS, PAVEMENT MARKINGS OR TRAFFIC SIGNALS DURING THE PROJECT WITHOUT SIGNED AUTHORIZATION OF THE CITY ENGINEERING INSPECTOR ASSIGNED TO THE PROJECT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING AND MAINTAINING THE TEMPORARY TRAFFIC CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW, TEMPORARY AND EXISTING TRAFFIC SIGNAL MODIFICATIONS.

STRIPING AND SIGNAGE GENERAL NOTES:

1. INSTALLATION OF ALL STRIPING, SIGNS AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL OF EXISTING PAVEMENT MARKINGS (SCARRING OF PAVEMENT IS NOT PERMITTED). AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OVERLAYING OR CHIP SEALING ROADWAY, IF SCARRING OCCURS DURING REMOVAL OF EXISTING OR TEMPORARY PAVEMENT MARKINGS. THE CITY TRAFFIC ENGINEER WILL DETERMINE METHOD OF PAVEMENT REPAIR.
4. ALL STRIPING AND SIGNING SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS AND THEIR SUPPLEMENTAL AMENDMENTS:
 - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - CITY OF FOUNTAIN SIGNS AND MARKINGS GUIDELINES.
 - CITY OF FOUNTAIN STANDARD SPECIFICATIONS
 - CITY OF FOUNTAIN PUBLIC WORKS DESIGN MANUAL
5. ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY TRAFFIC ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
6. CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY HYDROBLASTING, SANDBLASTING AND/OR GRINDING. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
7. SIGN POSTS SHALL BE INSTALLED WITH A MINIMUM OF 1 3/4" X 10" SQUARE PERFORATED STEEL TUBING WITH SLEEVE PER CITY OF FOUNTAIN STANDARD.
8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM OF HIGH INTENSITY GRADE SHEETING.
9. ANY DEVIATION FROM THE STRIPING AND SIGNING PLANS SHALL BE APPROVED BY THE ENGINEER OF WORK AND THE CITY TRAFFIC ENGINEER PRIOR TO ANY CHANGES BEING MADE.
10. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED.
11. STRIPED CROSSWALKS SHALL HAVE AN INSIDE DIMENSION OF 10 FEET AND CONTINENTAL CROSSWALKS SHALL HAVE A MINIMUM WIDTH OF 9 FEET UNLESS INDICATED OTHERWISE.
12. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS (EXCEPT WITHIN BIKE LANES) SHALL BE A MINIMUM OF 90MIL THICKNESS THERMOPLASTIC OR PREFORMED PLASTIC TAPE.
13. ALL LONGITUDINAL LINES SHALL BE A MINIMUM OF 15MIL THICKNESS EPOXY (UNLESS NOTED OTHERWISE).
14. CONTRACTOR SHALL NOTIFY CITY TRAFFIC ENGINEER (719)385-5908 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNAGE.

TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL DEVICES AND MONITORING NECESSARY TO SAFELY COMPLETE THE WORK SHOWN IN THESE CONSTRUCTION DOCUMENTS IN CONFORMANCE WITH M.U.T.C.D. GUIDELINES. THE CONTRACTOR SHALL COMPLETE ALL NECESSARY WORK FOR PLAN REVIEW, PERMITS AND PROCESSING. TRAFFIC CONTROL WILL NOT BE PAID SEPARATELY BUT IS INCLUDED IN THE COST OF THE PROJECT.

OPINION OF PROBABLE STREET IMPROVEMENT COSTS

1. RESIDENTIAL STREETS 5825 L.F. AT \$197.00 =	\$
2. CURB/GUTTER 11073 L.F. AT \$22.00 PER LF =	\$
3. PED RAMPS, 5-FOOT SIDEWALK, (16) EACH AT \$895.00 =	\$
3. PED RAMPS, 6-FOOT SIDEWALK, (10) EACH AT \$1075.00 =	\$
3. PED RAMPS, 10-FOOT SIDEWALK, (2) EACH AT \$1795.00 =	\$
4. SIDEWALKS 5-FOOT WIDTH 6340 L.F. AT \$25.00 =	\$
5. SIDEWALKS 6-FOOT WIDTH 2250 L.F. AT \$29.00 =	\$
6. SIDEWALKS 10-FOOT WIDTH 2276 L.F. AT \$36.00 =	\$
TOTAL =	\$

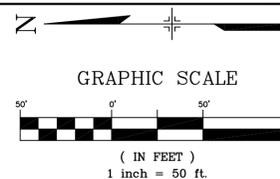
*UNIT COST ESTIMATES WERE PROVIDED BY THE CITY OF FOUNTAIN .

30% PLANS

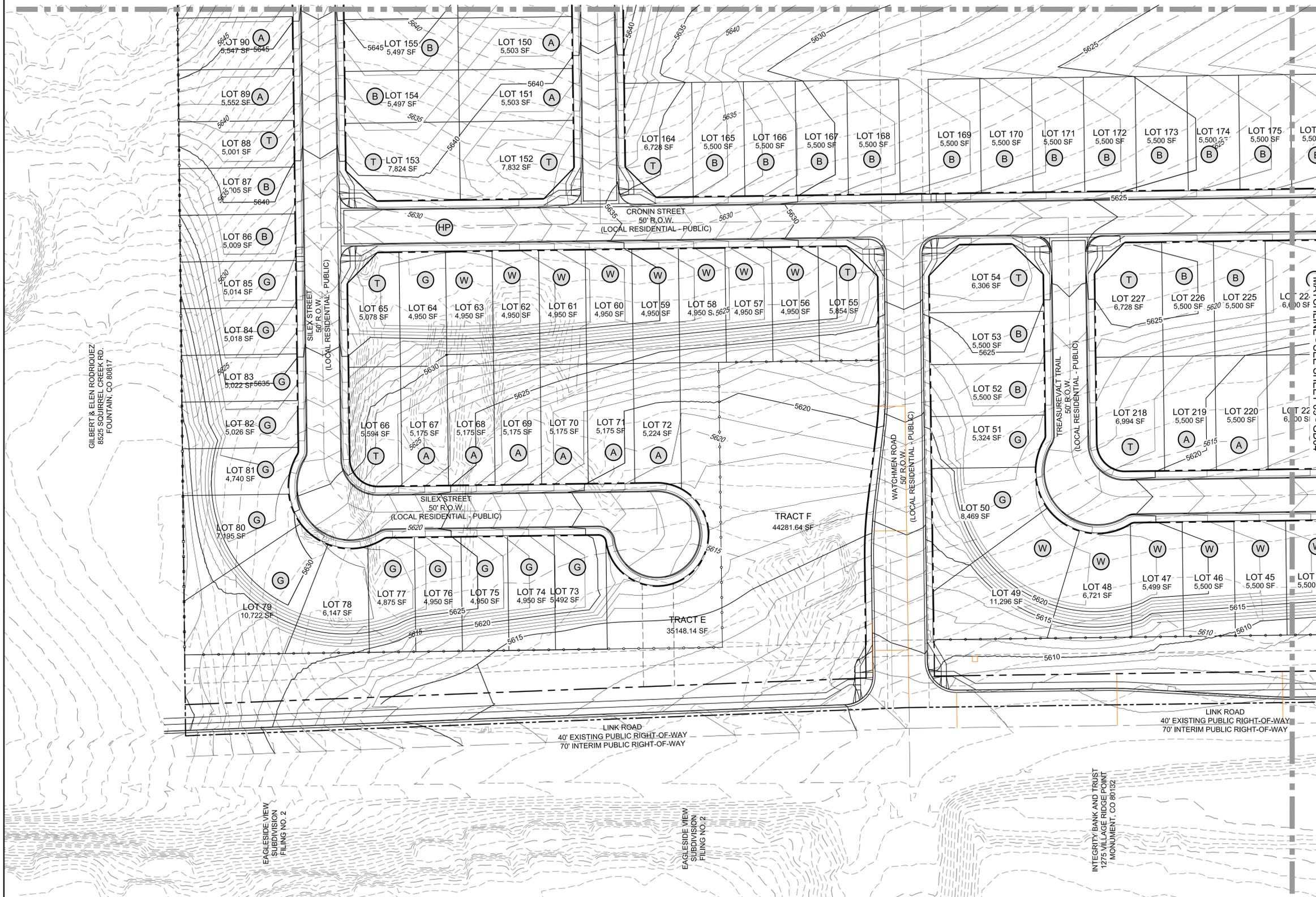
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Know what's below.
Call before you dig.



MATCHLINE - SEE SHEET 07 - GD02



EROSION CONTROL LEGEND

- SF SILT FENCE
- ECB EROSION CONTROL BLANKET
- TM TEMPORARY MULCHING AND SEEDING
- SCL SEDIMENT CONTROL LOG
- SBB STRAW BALE BARRIER
- VTC VEHICLE TRACKING CONTROL
- SB SEDIMENT BASIN
- CWA CONCRETE WASHOUT
- IP INLET PROTECTION
- OP OUTLET PROTECTION
- 705g PROPOSED CONTOURS
- 5975 EXISTING CONTOURS
- 4:1 SLOPE DIRECTION
- LIMITS OF DISTURBANCE & CONSTRUCTION SITE BOUNDARY
- CONSTRUCTION SITE BOUNDARY
- 100-YR FLOODPLAIN
- STREAMSIDE OVERLAY
- PROPERTY LINE
- CUT/FILL LINE
- OVERFLOW ROUTE
- PROJECT BOUNDARY LINE
- HP/LP HIGH POINT/LOW POINT
- A LOT DRAINS TO STREET
- B LOT DRAINS TO STREET & REAR OF LOT
- T LOT DRAINAGE VARIES
- G GARDEN LEVEL BASEMENT
- W WALK OUT BASEMENT

30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
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X-888-EX-BASE-MATRIX	###	###	###	###	###
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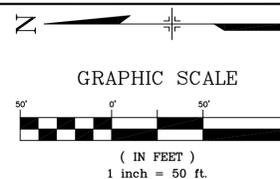
FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

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ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
OVERLOT GRADING			
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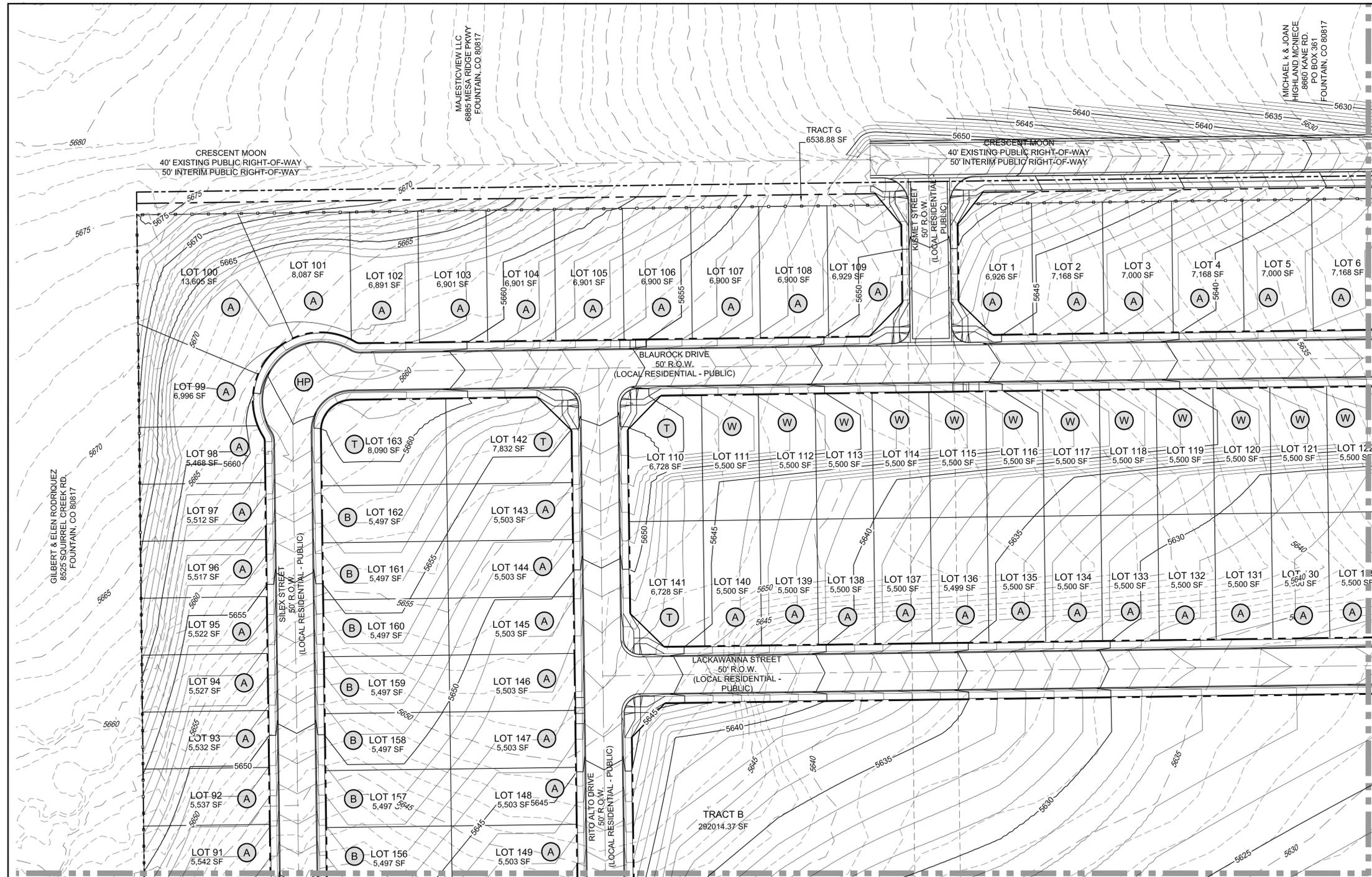
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THIS IS AN OVERLOT GRADING AND EROSION CONTROL PLAN ONLY. THIS PLAN DOES NOT REFLECT DETAILED/FINE GRADING ELEMENTS THAT WILL BE PART OF FINAL CONSTRUCTION DOCUMENTS FOR SITE DEVELOPMENT, PAVING OPERATIONS, PLACEMENT OF CURB & GUTTER, AND LANDSCAPING. BUILDING AND PARKING LOT LOCATIONS ARE PROVIDED FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

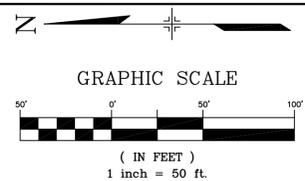
EROSION CONTROL LEGEND

- SF SILT FENCE
- ECB EROSION CONTROL BLANKET
- TM TEMPORARY MULCHING AND SEEDING
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- G GARDEN LEVEL BASEMENT
- W WALK OUT BASEMENT





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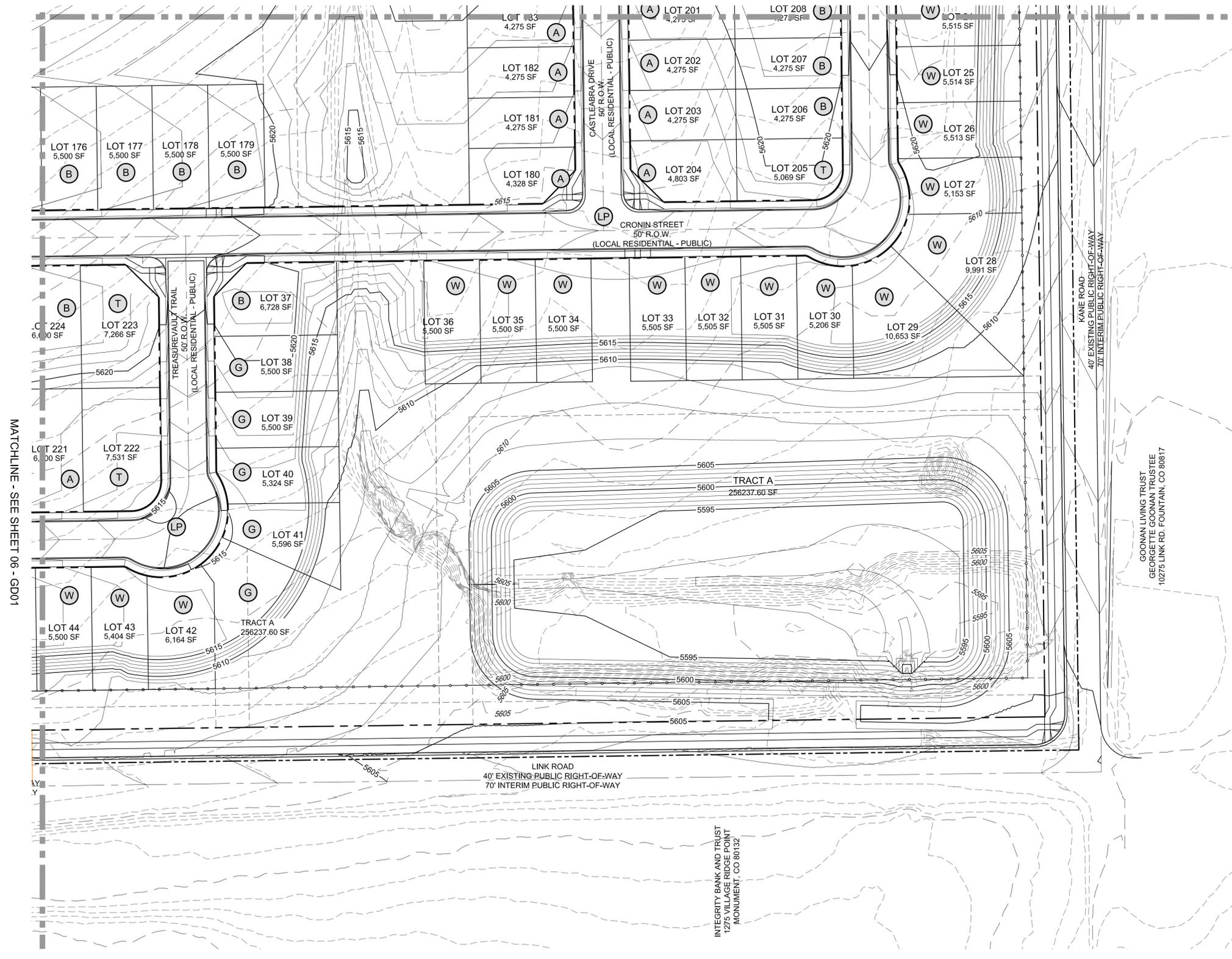
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- T LOT DRAINAGE VARIES
- G GARDEN LEVEL BASEMENT
- W WALK OUT BASEMENT

30% PLANS

MATCHLINE - SEE SHEET 08 - GD03



MATCHLINE - SEE SHEET 06 - GD01

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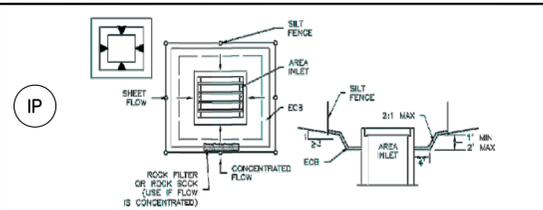
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OVERLOT GRADING			
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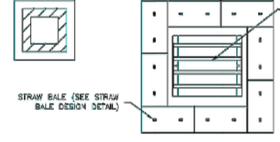


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IP-5. OVEREXCAVATION INLET PROTECTION

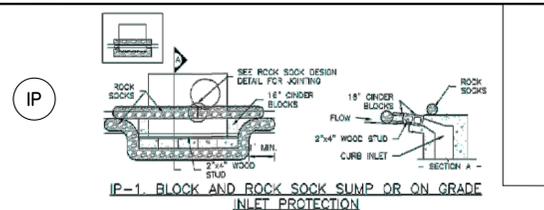
- OVEREXCAVATION INLET PROTECTION INSTALLATION NOTES:**
1. THIS FORM OF INLET PROTECTION IS PRIMARILY APPLICABLE FOR SITES THAT HAVE NOT YET REACHED FINAL GRADE AND SHOULD BE USED ONLY FOR INLETS WITH A RELATIVELY SMALL, CONTROLLED DRAINAGE AREA.
 2. WHEN USING FOR CONCENTRATED FLOWS, SHAPE BASIN IN 2:1 RATIO WITH LENGTH ORIENTED TOWARD DIRECTION OF FLOW.
 3. SEDIMENT MUST BE PERIODICALLY REMOVED FROM THE OVEREXCAVATED AREA.



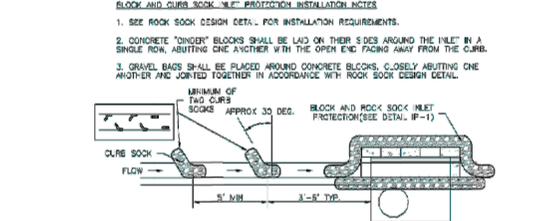
IP-6. STRAW BALE FOR SUMP INLET PROTECTION

- INSTALLATION NOTES:**
1. SEE PLAN VIEW FOR LOCATION OF INLET PROTECTION
 2. INLET PROTECTION SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAVING IS COMPLETE (TYPICALLY WITHIN 48 HOURS). IF A MAINTENANCE EVENT IS FORECAST, INSTALL INLET PROTECTION PRIOR TO ONSET OF EVENT.
 3. MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
- MAINTENANCE NOTES:**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- MAINTENANCE NOTES (CONT.):**
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE SEDIMENT CONTROL LOG.
 5. INLET PROTECTION IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED. UNLESS THE LOCAL JURISDICTION APPROVES EARLIER REMOVAL OF INLET PROTECTION IN STREETS.
 6. INLET PROTECTION AT AREA INLETS IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

Figure SC-6 Inlet Protection Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3



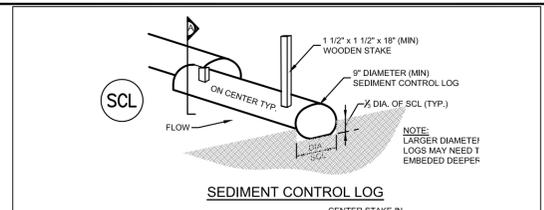
IP-1. BLOCK AND ROCK SOCK SUMP OR ON GRADE INLET PROTECTION



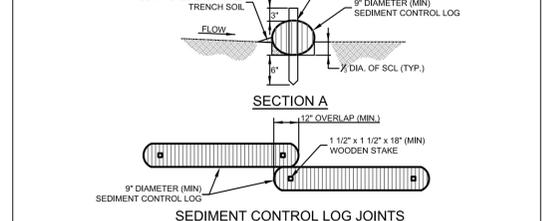
IP-2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION

- INSTALLATION NOTES:**
1. SEE PLAN VIEW FOR LOCATION OF INLET PROTECTION
 2. INLET PROTECTION SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAVING IS COMPLETE (TYPICALLY WITHIN 48 HOURS). IF A MAINTENANCE EVENT IS FORECAST, INSTALL INLET PROTECTION PRIOR TO ONSET OF EVENT.
 3. MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
- MAINTENANCE NOTES:**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
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- MAINTENANCE NOTES (CONT.):**
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Figure SC-6 Inlet Protection Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3



SEDIMENT CONTROL LOG

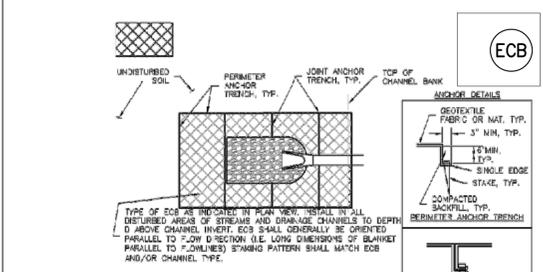


SEDIMENT CONTROL LOG JOINTS

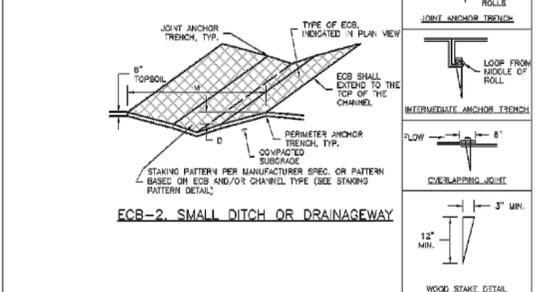
- INSTALLATION NOTES:**
1. SEE PLAN VIEW FOR LOCATION AND LENGTH OF SEDIMENT CONTROL LOGS.
 2. SEDIMENT CONTROL LOGS THAT ACT AS PERIMETER CONTROL SHALL BE INSTALLED PRIOR TO ANY UPSTREAM LAND-DISTURBING ACTIVITIES.
 3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELLSIOR OR COCONUT FIBER, AND SHALL BE FREE OF ANY NOXIOUS WEED SEEDS OR DEFECTS INCLUDING RIPS, HOLES AND OBVIOUS WEAR.
 4. SEDIMENT CONTROL LOGS MAY BE USED AS SMALL CHECK DAMS IN DITCHES AND DRAINS. HOWEVER, THEY SHOULD NOT BE USED IN PERENNIAL STREAMS OR HIGH VELOCITY DRAINAGE WAYS.
 5. IT IS RECOMMENDED THAT SEDIMENT CONTROL LOGS BE TRENCHED INTO THE GROUND TO A DEPTH OF APPROXIMATELY 1/3 THE DIAMETER OF THE LOG. IF TRENCHING TO THIS DEPTH IS NOT FEASIBLE AND/OR DESIRABLE, SHORT TERM INSTALLATION WITH DESIRE NOT TO DAMAGE LANDSCAPE A LESSER TRENCHING DEPTH MAY BE ACCEPTABLE WITH MORE ROBUST STAKING.
 6. THE UPHILL SIDE OF THE SEDIMENT CONTROL LOG SHALL BE BACKFILLED WITH SOIL THAT IS FREE OF ROCKS AND DEBRIS. THE SOIL SHALL BE TIGHTLY COMPACTED INTO THE SHAPE OF A RIGHT TRIANGLE USING A SHOVEL OR WEIGHTED LAWN ROLLER.
 7. FOLLOW MANUFACTURERS' GUIDANCE FOR STAKING. IF MANUFACTURERS' INSTRUCTIONS DO NOT SPECIFY SPACING, STAKES SHALL BE PLACED ON 4' CENTERS AND EMBEDDED A MINIMUM OF 6" INTO THE GROUND. 3" OF THE STAKE SHALL PROTRUDE FROM THE TOP OF THE LOG. STAKES THAT ARE BROKEN PRIOR TO INSTALLATION SHALL BE REPLACED.
- MAINTENANCE NOTES:**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. SEDIMENT ACCUMULATED UPSTREAM OF SEDIMENT CONTROL LOG SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE SEDIMENT CONTROL LOG.
 5. SEDIMENT CONTROL LOG SHALL BE REMOVED AT THE END OF CONSTRUCTION IF DISTURBED AREAS EXIST AFTER REMOVAL. THEY SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

Figure SC-2 Sediment Control Log Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

EC-6 Rolled Erosion Control Products (RECP)



ECB-1. PIPE OUTLET TO DRAINAGEWAY

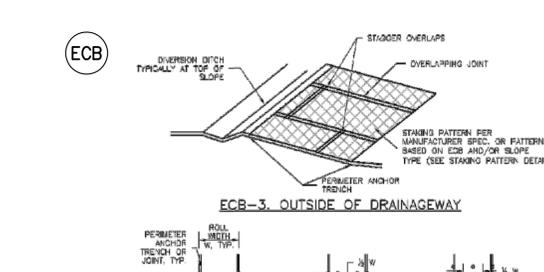


ECB-2. SMALL DITCH OR DRAINAGEWAY

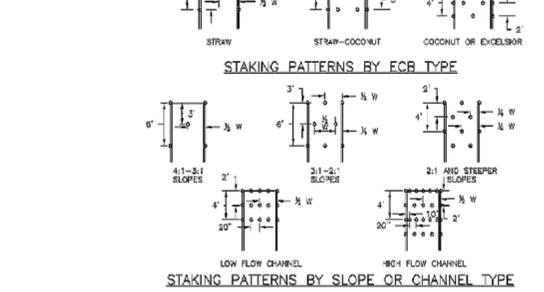
- ECB INSTALLATION NOTES:**
1. SEE PLAN VIEW FOR:
 - LOCATIONS OF ECBs
 - TYPE OF ECB (STRAW, STRAW-COCONUT, COCONUT, OR EXCELLSIOR)
 - AREA, A, IN SQUARE YARDS OF EACH TYPE OF ECB.
 2. 100% NATURAL AND BIODEGRADABLE MATERIALS ARE PREFERRED FOR RECPs, ALTHOUGH SOME JURISDICTIONS MAY ALLOW OTHER MATERIALS IN SOME APPLICATIONS.
 3. IN AREAS WHERE ECBs ARE SHOWN ON THE PLANS, THE PERMITS SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE PREPARATION, AND SEEDING AND MULCHING. SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO ECB INSTALLATION AND THE ECB SHALL BE IN FULL CONTACT WITH SUBGRADE. NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.
 4. PERIMETER ANCHOR TRENCH SHALL BE USED ALONG THE OUTSIDE PERIMETER OF ALL BLANKET AREAS.
 5. JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL ECBs EXCEPT STRAW WHICH MAY USE AN OVERLAPPING JOINT.
 6. INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF ROLL LENGTH FOR COCONUT AND EXCELLSIOR ECBs.
 7. OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER FOR ECBs ON SLOPES.
 8. MATERIAL SPECIFICATIONS OF ECBs SHALL CONFORM TO TABLE ECB-1.
 9. ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING ECBs SHALL BE RESEDED AND MULCHED.
 10. DETAILS ON DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION WILL GOVERN IF DIFFERENT FROM THOSE SHOWN HERE.

Figure EC-6 Rolled Erosion Control Products (RECP) Urban Drainage and Flood Control District

EC-6 Rolled Erosion Control Products (RECP)



ECB-3. OUTSIDE OF DRAINAGEWAY



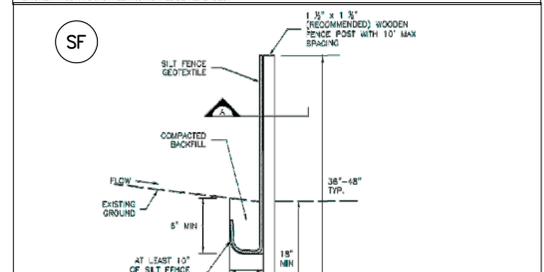
STAKING PATTERNS BY SLOPE OR CHANNEL TYPE

- EROSION CONTROL BLANKET MAINTENANCE NOTES:**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. ECBs SHALL BE LEFT IN PLACE TO EVENTUALLY BIODEGRADE, UNLESS OTHERWISE REQUESTED TO BE REMOVED BY THE LOCAL JURISDICTION.
 5. ANY ECB PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE REPAIRED OR REINSTALLED. ANY SUBGRADE AREAS BELOW THE GEOTEXTILE THAT HAVE ERODED TO CREATE A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE RESEDED, RESEDED AND MULCHED AND THE ECB REINSTALLED.
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

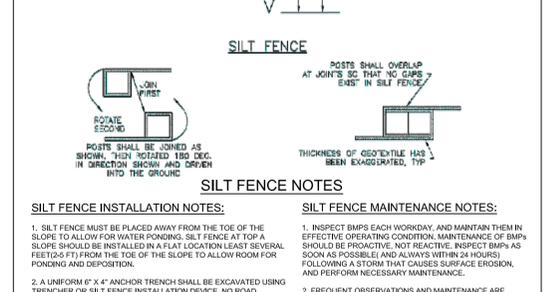
TABLE ECB-1. ECB MATERIAL SPECIFICATIONS

TYPE	COCONUT CONTENT	STRAW CONTENT	EXCELLSIOR CONTENT	RECOMMENDED NETTING*
STRAW	0%	100%	-	DO NOT USE
STRAW-COCONUT	30% MIN.	70% MAX.	-	DO NOT USE
COCONUT	100%	-	-	DO NOT USE

EC-6 Rolled Erosion Control Products (RECP)



SILT FENCE

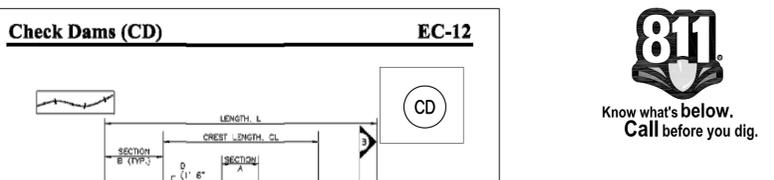


STAKING PATTERNS BY SLOPE OR CHANNEL TYPE

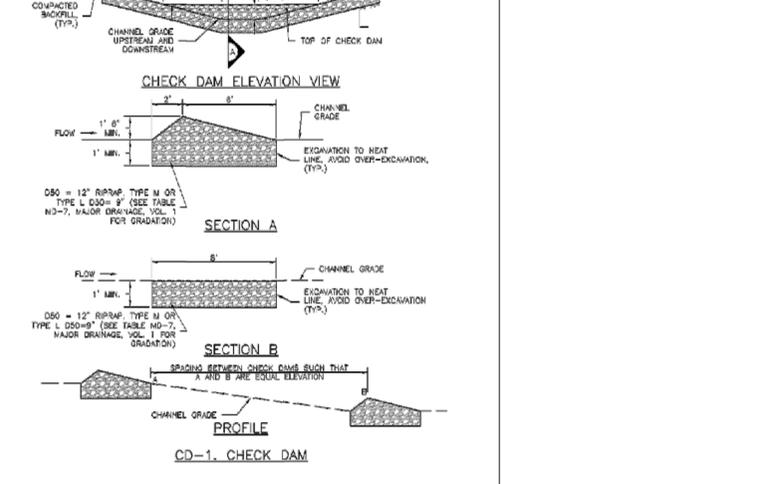
- SILT FENCE INSTALLATION NOTES:**
1. SILT FENCE MUST BE PLACED AWAY FROM THE TOE OF THE SLOPE TO ALLOW FOR WATER PONDING. SILT FENCE AT TOP A SLOPE SHOULD BE INSTALLED IN A FLAT LOCATION AT LEAST SEVERAL FEET (2-3 FT) FROM THE TOE OF THE SLOPE TO ALLOW ROOM FOR PONDING AND DEPOSITION.
 2. A UNIFORM 6" x 4" ANCHOR TRENCH SHALL BE EXCAVATED USING TRENCHER OR SILT FENCE INSTALLATION DEVICE. NO ROAD GRADERS, BACKHOES, OR SIMILAR EQUIPMENT SHALL BE USED.
 3. COMPACT ANCHOR TRENCH BY HAND OR WITH A "JUMPING JACK" OR BY WHEEL ROLLING COMPACTOR SHALL BE SUCH THAT SILT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.
 4. SILT FENCE SHALL BE PULLED TIGHT AS IT IS ANCHORED TO THE STAKES. THERE SHOULD BE NO NOTICEABLE SAG BETWEEN STAKES AFTER IT HAS BEEN ANCHORED TO THE STAKES.
 5. SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES USING 1" HEAVY DUTY STAPLES OR NAILS WITH 1" HEADS. STAPLES AND NAILS SHOULD BE PLACED 3" ALONG THE FABRIC DOWN THE STAKE.
 6. AT THE END OF A RUN OF SILT FENCE ALONG A CONTOUR, THE SILT FENCE SHOULD BE TURNED PERPENDICULAR TO THE CONTOUR TO CREATE A "HOOK." THE "HOOK" EXTENDING PERPENDICULAR TO THE CONTOUR SHOULD BE OF SUFFICIENT LENGTH TO KEEP RUNOFF FROM FLOWING AROUND THE END OF THE SILT FENCE (TYPICALLY 10'-20').
 7. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- SILT FENCE MAINTENANCE NOTES:**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. SEDIMENT ACCUMULATED UPSTREAM OF THE SILT FENCE SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE SEDIMENT CONTROL LOG.
 5. REPAIR OR REPLACE SILT FENCE WHEN THERE ARE SIGNS OF WEAR, SUCH AS SAGGING, TEARING, OR COLLAPSE.
 6. SILT FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION, OR IS REPLACED BY AN EQUIVALENT PERIMETER SEDIMENT CONTROL BMP.
 7. WHEN SILT FENCE IS REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

Figure SC-1 SILT FENCE Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

Check Dams (CD) EC-12



CD-1. CHECK DAM



CHECK DAM NOTES

- CHECK DAM INSTALLATION NOTES:**
1. SEE PLAN VIEW FOR:
 - LOCATIONS OF CHECK DAMS
 - CHECK DAM TYPE
 - LENGTH (L), CREST LENGTH (CL) AND DEPTH (D)
 2. CHECK DAMS INDICATED ON INITIAL SWMP SHALL BE INSTALLED AFTER CONSTRUCTION FENCE BUT PRIOR TO ANY UPSTREAM LAND DISTURBING ACTIVITIES.
 3. RRAP UTILIZED FOR CHECK DAMS SHOULD BE OF APPROPRIATE SIZE FOR THE APPLICATION. TYPICAL TYPES OF RRAP USED FOR CHECK DAMS ARE TYPE M (D60 1/2") OR TYPE L (D60 1").
 4. RRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'.
 5. THE ENDS OF THE CHECK DAM SHALL BE A MINIMUM OF 1' HIGHER THAN THE CENTER OF THE CHECK DAM.
 6. WHEN CHECK DAMS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACKFILL. DISTURBED AREA SHALL BE SEEDED AND MULCHED AND COVERED WITH GEOTEXTILE OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.
- CHECK DAM MAINTENANCE NOTES:**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. SEDIMENT ACCUMULATED UPSTREAM OF THE CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS WITHIN 1/2 OF THE HEIGHT OF THE CREST.
 5. CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.

Figure CD-3 CHECK DAM Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

30% PLANS

REFERENCE DRAWINGS	###	###	###
X-Title-W	###	###	###
X-886-PR-SITE PLAN	###	###	###
X-888-EX-BASE-MATRIX	###	###	###
No.	DATE	DESCRIPTION	REVISIONS

COMPUTER FILE MANAGEMENT

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SHEET KEY	###	###	###
BY	###	###	###

PREPARED BY:

FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC. PROJECT No. 19.886.023

DESIGNED BY: CRD
 DRAWN BY: CRD
 CHECKED BY: JAO

SCALE: HORIZ 1"=40'
 VERT. N/A

DATE ISSUED: 3/12/2020
 SHEET 10 OF 78

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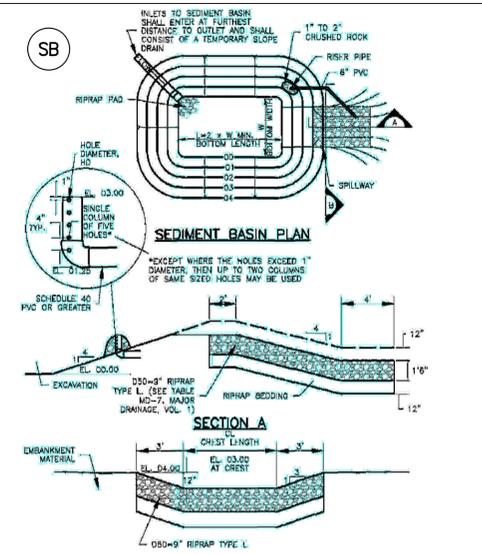
SEAL

PRELIMINARY
 THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

ASPEN RANCH
 CONSTRUCTION DOCUMENTS
 OVERLOT GRADING



Know what's below. Call before you dig.



Upstream Drainage Area (ac)	Basin Bottom Width (ft)	Spillway Crest Length (ft)	Hole Diameter (in)
1	12	2	1/2
2	21	3	1/2
3	28	4	1/2
4	33 1/2	5	1/2
5	38 1/2	6	1/2
6	43	7	1/2
7	47 1/2	8	1/2
8	51	9	1/2
9	55	10	1/2
10	58 1/2	11	1/2
11	61	12	1/2
12	64	13	1/2
13	67 1/2	14	1/2
14	70 1/2	15	1/2
15	73 1/2	16	1/2

SEDIMENT BASIN

SEDIMENT BASIN INSTALLATION NOTES:

- SEE PLAN VIEW FOR:
 - LOCATION OF SEDIMENT BASIN.
 - TYPE OF BASIN (STANDARD BASIN OR NONSTANDARD BASIN).
 - FOR STANDARD BASIN: BOTTOM WIDTH W, CREST LENGTH CL, AND HOLE DIAMETER, HD.
 - FOR NONSTANDARD BASIN: SEE CONSTRUCTION DRAWINGS FOR DESIGN OF BASIN INCLUDING RISER HEIGHT H, NUMBER OF COLUMNS N, HOLE DIAMETER HD AND PIPE DIAMETER.
- FOR STANDARD BASIN: BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED.
- SEDIMENT BASINS INSTALLED PRIOR TO ANY OTHER LAND-DISTURBING ACTIVITY THAT RELIES ON BASINS AS A STORMWATER CONTROL.
- 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.
- EMBANKMENT MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D998.
- PIPE SCH 40 OR GREATER SHALL BE USED.
- THE DETAILS SHOWN ON THESE SHEETS PERTAIN TO STANDARD SEDIMENT BASINS FOR DRAINAGE AREAS LESS THAN 15 ACRES. SEE CONSTRUCTION DRAWINGS FOR EMBANKMENT, STORAGE VOLUME, SPILLWAY, OUTLET, AND OUTLET PROTECTION DETAILS FOR ANY SEDIMENT BASINS THAT HAVE BEEN INDIVIDUALLY DESIGNED FOR DRAINAGE AREAS.

SEDIMENT BASIN MAINTENANCE NOTES:

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- SEDIMENT ACCUMULATED IN BASIN SHALL BE REMOVED AS NEEDED TO MAINTAIN BMP EFFECTIVENESS. TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (I.E., TWO FEET BELOW THE SPILLWAY CREST).
- SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS ACCEPTED BY THE LOCAL JURISDICTION.
- WHEN SEDIMENT BASINS ARE REMOVED, ALL DISTURBED AREA SHALL BE COVERED WITH TOPSOIL, SEED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

Figure SC-7 Sediment Basin

SEED MIX NOTES:

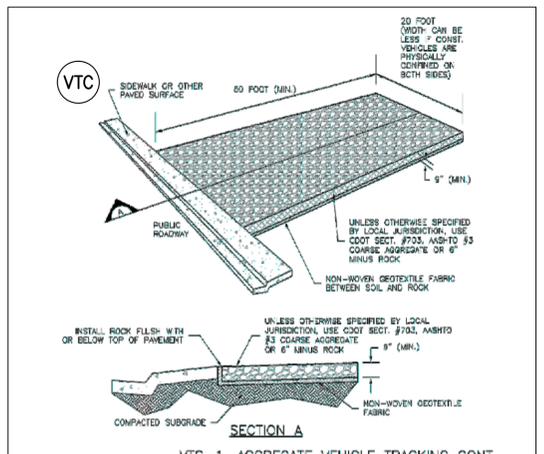
A MIXTURE DEVELOPED FOR ELEVATIONS 3,000 TO 8,000 FEET TO PROVIDE NATURAL COVER UNDER DRYLAND CONDITIONS. CONTAINS BOTH COOL AND WARM SEASON GRASSES ADAPTED TO THE WESTERN GREAT PLAINS AND SOUTHWESTERN REGION, HAS EXCELLENT COLD AND DROUGHT TOLERANCE, GOOD FOR SOIL STABILIZATION ON POOR SOILS.

CHARACTERISTICS:
GROWS 30-60 INCHES WITH AVERAGE RAINFALL.

SEEDING RATE:
BROADCAST: 20-25 LBS/ACRE
DRILLED: 15-20 LBS/ACRE
OVERSEEDING: 10-15 LBS/ACRE
BROADCAST: 10-15 LBS/ACRE
DRILLED: 5-10 LBS/ACRE

MIX CONTAINS:
20% ANNUAL RYEGRASS: COOL SEASON BUNCHGRASS W GERMINATION IN 5-10 DAYS
15% SLENDER WHEATGRASS: COOL SEASON BUNCHGRASS W GERMINATION IN 21-28 DAYS
12% CRESTED WHEATGRASS: COOL SEASON BUNCHGRASS W GERMINATION IN 14-21 DAYS
10% MOUNTAIN BROME: COOL SEASON BUNCHGRASS W GERMINATION IN 10-14 DAYS
10% HARD FESCUE: COOL SEASON BUNCHGRASS W GERMINATION IN 7-10 DAYS
6% SIDEDENTS GRAMMA: WARM SEASON BUNCHGRASS FORMING W GERMINATION IN 14-21 DAYS
6% BBS BLUESTEM: WARM SEASON BUNCHGRASS W GERMINATION IN 14-21 DAYS
5% BLUE GRAMA (COATED): WARM SEASON BUNCHGRASS W GERMINATION IN 7-10 DAYS
5% SWITCHGRASS: WARM SEASON BUNCHGRASS W GERMINATION IN 21-28 DAYS
5% SAND DROPSSEED: WARM SEASON BUNCHGRASS W GERMINATION IN 14-21 DAYS

KIND AND VARIETY:	PURE	GERM	OSBGN
ANNUAL RYEGRASS	15.72	97	OR
SLENDER WHEATGRASS	11.80	96	WA
OATS	10.00	96	WY
PERENNIAL RYEGRASS	9.82	95	OR
CREST WHEATGRASS	8.73	96	SD
MOUNTAIN BROME	7.83	97	WY
HARD FESCUE	7.82	93	OR
CANADA BLUEGRASS	7.80	92	WA
SIDEDENTS GRAMMA	4.59	96	MN
SWITCHGRASS	3.59	93	MN
BBS BLUESTEM	3.23	74	MN
BLUE GRAMA	1.89	95	MN
SAND DROPSSEED	0.80	95	CO



VTC-1. AGGREGATE VEHICLE TRACKING CONT.

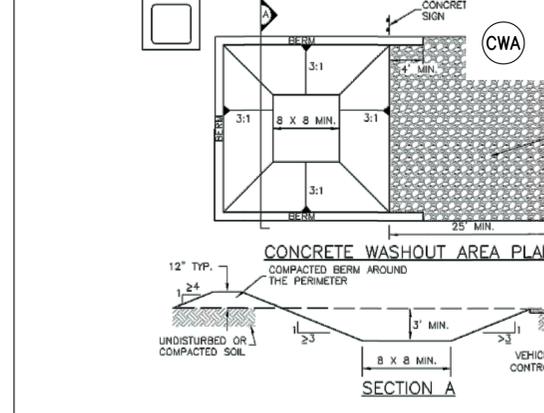
INSTALLATION NOTES:

- SEE PLAN VIEW FOR:
 - LOCATION OF CONSTRUCTION ENTRANCE/EXIT.
 - TYPE OF CONSTRUCTION ENTRANCE/EXIT WITH/OUT WHEEL WASH, CONSTRUCTION MAT OR TRIM.
- CONSTRUCTION MAT OR TRIM STABILIZED CONSTRUCTION ENTRANCES ARE ONLY TO BE USED ON SHORT DURATION PROJECTS (TYPICALLY RANGING FROM A WEEK TO A MONTH) WHERE THERE WILL BE LIMITED VEHICULAR ACCESS.
- A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAYS.
- STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO PLACEMENT OF ROCK.
- UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECTION #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.

MAINTENANCE NOTES:

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- ROCK SHALL BE REPLACED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN CONSISTENT DEPTH.
- SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED THROUGHOUT THE DAY AND THE END OF THE DAY BY SHOVELING OR SWEEPING. SEDIMENT MAY NOT BE WASHED DOWN THE STORM SEWER DRAINS.

Figure SM-4 Vehicle Tracking Control



CWA-1. CONCRETE WASHOUT AREA

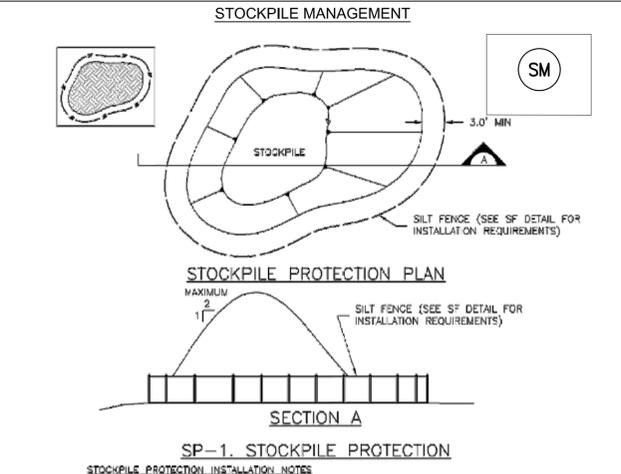
CWA INSTALLATION NOTES:

- SEE PLAN VIEW FOR:
 - CWA LOCATIONS.
- DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFERRABLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREPARED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE SHOULD BE USED.
- THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
- CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8" BY 8" SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 7" DEEP.
- BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
- VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
- SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP TRUCKS.
- USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

CWA MAINTENANCE NOTES:

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN PIT SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2".
- BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN PIT SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2".
- THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
- WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, SEED AND MULCH OR OTHERWISE STABILIZED IN A MANNER AS APPROVED BY LOCAL JURISDICTION.

Figure MM-1 Concrete Washout Area

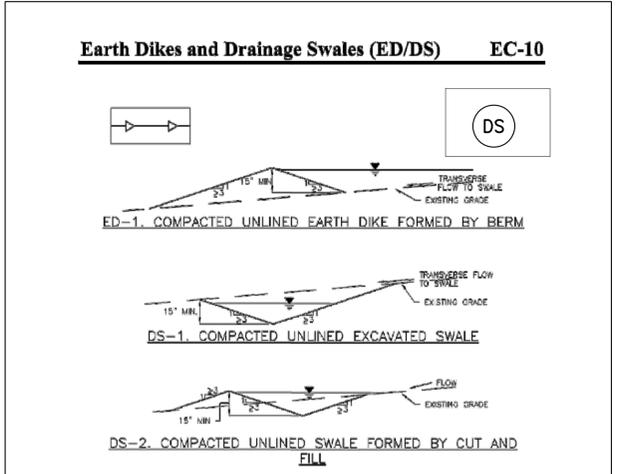


SP-1. STOCKPILE PROTECTION

STOCKPILE PROTECTION INSTALLATION NOTES:

- SEE PLAN VIEW FOR:
 - LOCATION OF STOCKPILES.
 - TYPE OF STOCKPILE PROTECTION.
- INSTALL PERIMETER CONTROLS IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS. SILT FENCE IS SHOWN IN THE STOCKPILE PROTECTION DETAILS; HOWEVER OTHER TYPES OF PERIMETER CONTROLS INCLUDING SEDIMENT CONTROL LOGS OR ROCK SOCKS MAY BE SUITABLE IN SOME CIRCUMSTANCES. CONSIDERATIONS FOR DETERMINING THE APPROPRIATE TYPE OF PERIMETER CONTROL FOR A STOCKPILE INCLUDE WHETHER THE STOCKPILE IS LOCATED ON A PERVIOUS OR IMPERVIOUS SURFACE, THE RELATIVE HEIGHTS OF THE PERIMETER CONTROL AND STOCKPILE, THE ABILITY OF THE PERIMETER CONTROL TO CONTAIN THE STOCKPILE WITHOUT FAILING IN THE EVENT THAT MATERIAL FROM THE STOCKPILE SHIFTS OR SLUMPS AGAINST THE PERIMETER, AND OTHER FACTORS.
- STABILIZE THE STOCKPILE SURFACE WITH SURFACE RECLAIMING, TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS. SOILS STOCKPILED FOR AN EXTENDED PERIOD (TYPICALLY FOR MORE THAN 60 DAYS) SHOULD BE SEEDED AND MULCHED WITH A TEMPORARY GRASS COVER ONCE THE STOCKPILE IS PLACED (TYPICALLY WITHIN 14 DAYS). USE OF MULCH ONLY OR A SOIL BINDER IS ACCEPTABLE IF THE STOCKPILE WILL BE IN PLACE FOR A MORE LIMITED TIME PERIOD (TYPICALLY 30-60 DAYS).
- FOR TEMPORARY STOCKPILES ON THE INTERIOR PORTION OF A CONSTRUCTION SITE, WHERE OTHER DOWN-DRAINAGE CONTROLS, INCLUDING PERIMETER CONTROL ARE IN PLACE, STOCKPILE PERIMETER CONTROLS MAY NOT BE REQUIRED.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SP-3



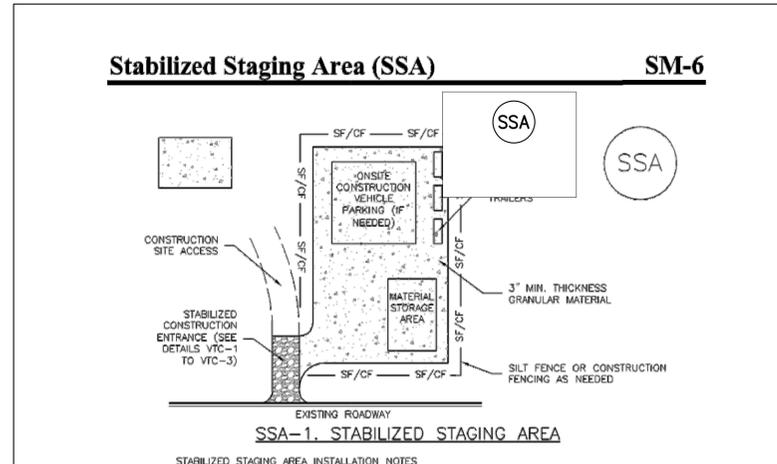
ED/DS-3. ECB LINED SWALE (CUT AND FILL OR BERM)

EARTH DIKE AND DRAINAGE SWALE MAINTENANCE NOTES:

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- SWALES SHALL REMAIN IN PLACE UNTIL THE END OF CONSTRUCTION; IF APPROVED BY LOCAL JURISDICTION, SWALES MAY BE LEFT IN PLACE.
- WHEN A SWALE IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY LOCAL JURISDICTION.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

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SSA-1. STABILIZED STAGING AREA

STABILIZED STAGING AREA INSTALLATION NOTES:

- SEE PLAN VIEW FOR:
 - LOCATION OF STAGING AREA(S).
 - CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.
- STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.
- STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.
- THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR MATERIAL.
- UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
- ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING.

STABILIZED STAGING AREA MAINTENANCE NOTES:

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- ROCK SHALL BE REPLACED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.
- STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING/LOADING OPERATIONS.
- THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE LOCAL JURISDICTION, USED ON SITE, AND THE AREA COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY LOCAL JURISDICTION.

NOTE: MANY MUNICIPALITIES PROHIBIT THE USE OF RECYCLED CONCRETE AS GRANULAR MATERIAL FOR STABILIZED STAGING AREAS DUE TO DIFFICULTIES WITH RE-ESTABLISHMENT OF VEGETATION IN AREAS WHERE RECYCLED CONCRETE WAS PLACED.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO, NOT AVAILABLE IN AUTOCAD)

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SSA-3

30% PLANS

ASPEN RANCH

CONSTRUCTION DOCUMENTS

OVERLOT GRADING

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DESIGNED BY:	CRD	SCALE:	DATE ISSUED:	3/12/2020	DRAWING No.
DRAWN BY:	CRD	HORIZ. 1"=40'			
CHECKED BY:	JAO	VERT. N/A	SHEET	11 OF 78	ECN02

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

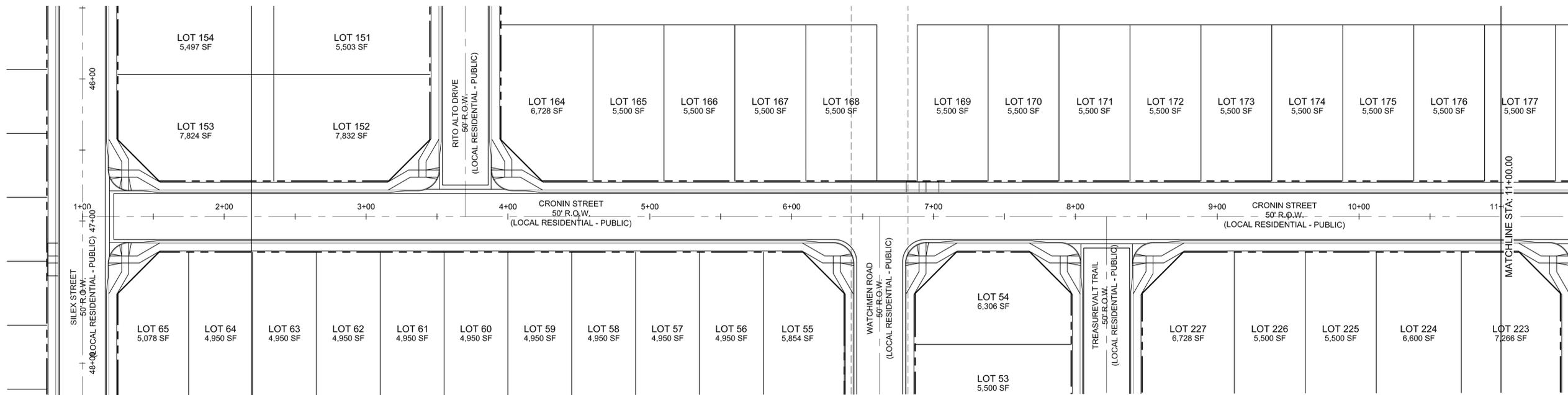
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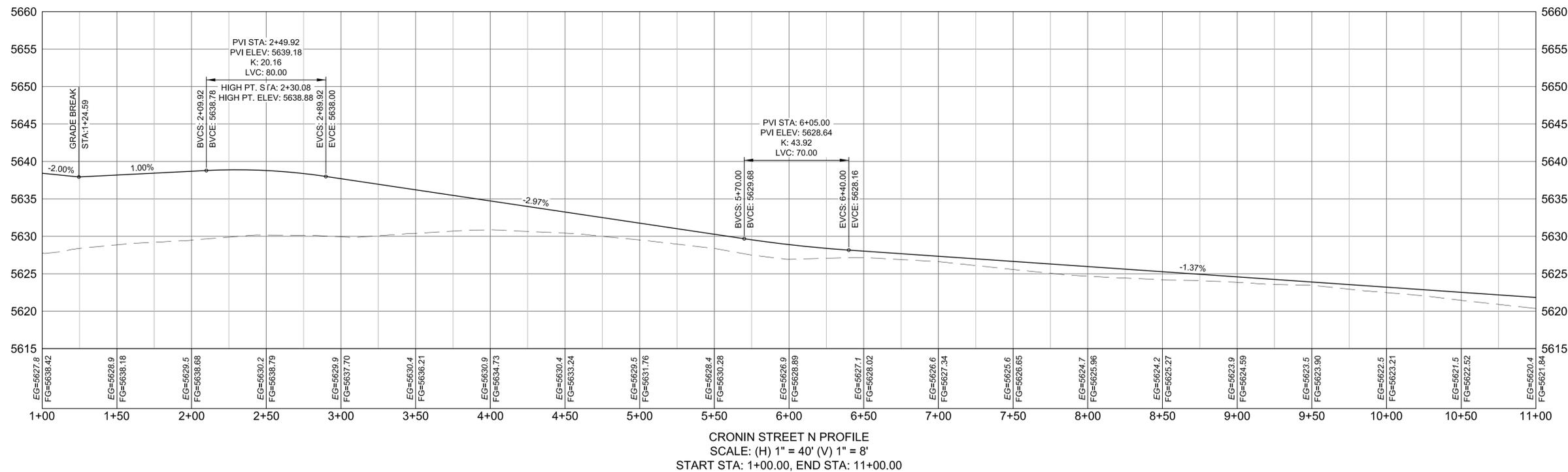
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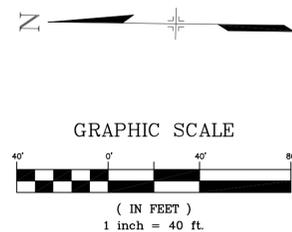
Know what's below.
Call before you dig.



CRONIN STREET PLAN



CRONIN STREET N PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
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30% PLANS

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MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

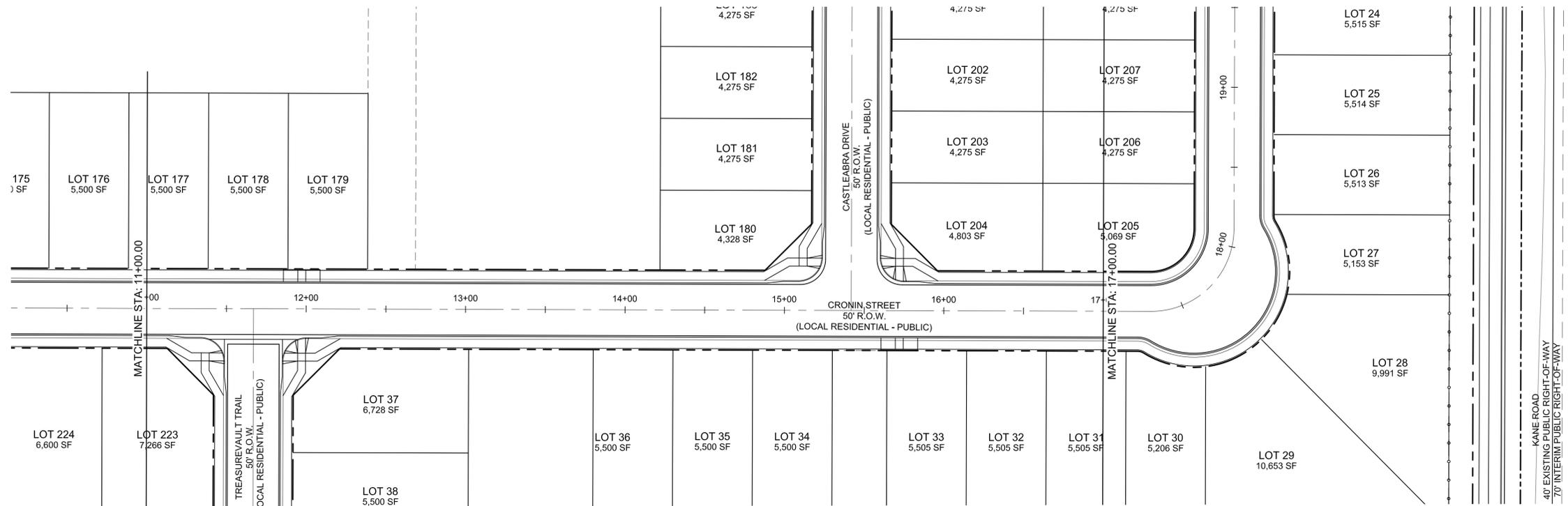
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CRONIN STREET PLAN AND PROFILE

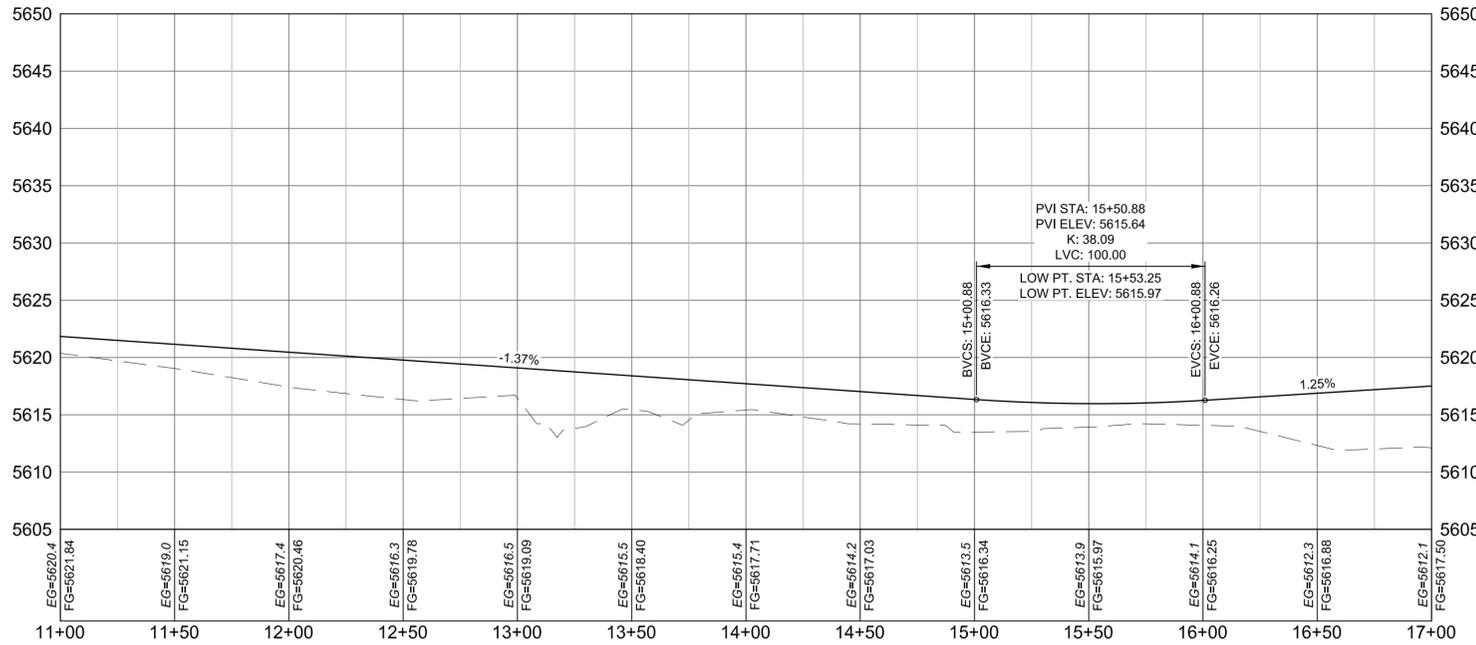
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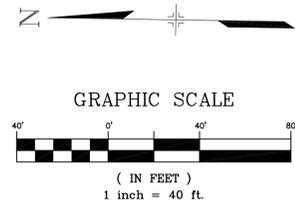
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CRONIN STREET PLAN



CRONIN STREET S PROFILE
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30% PLANS

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PROJECT No. 19.886.023

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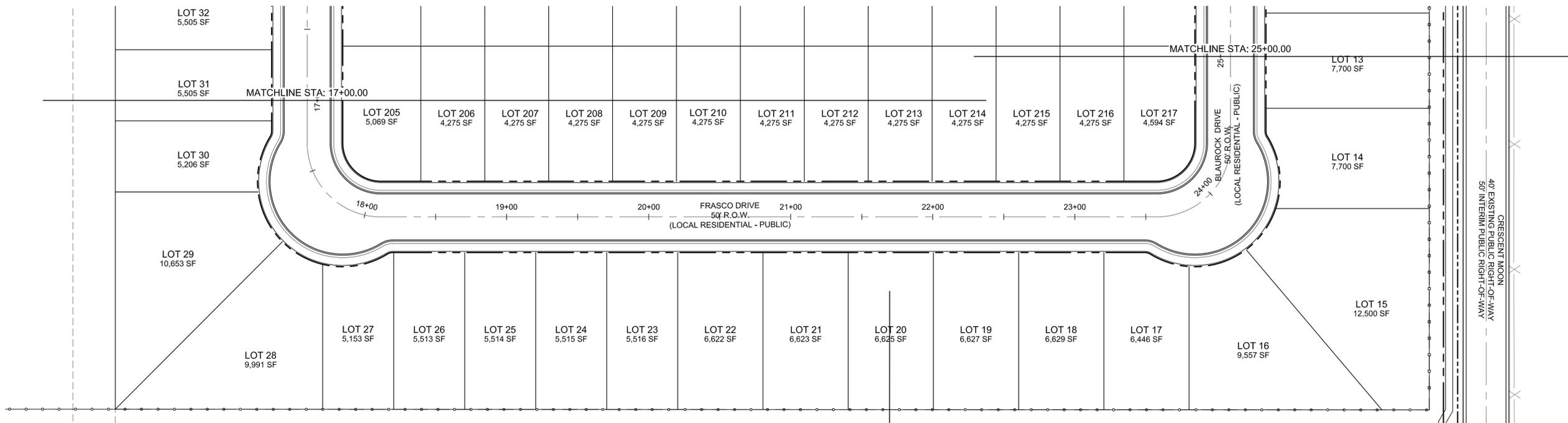
CONSTRUCTION DOCUMENTS

CRONIN STREET PLAN AND PROFILE

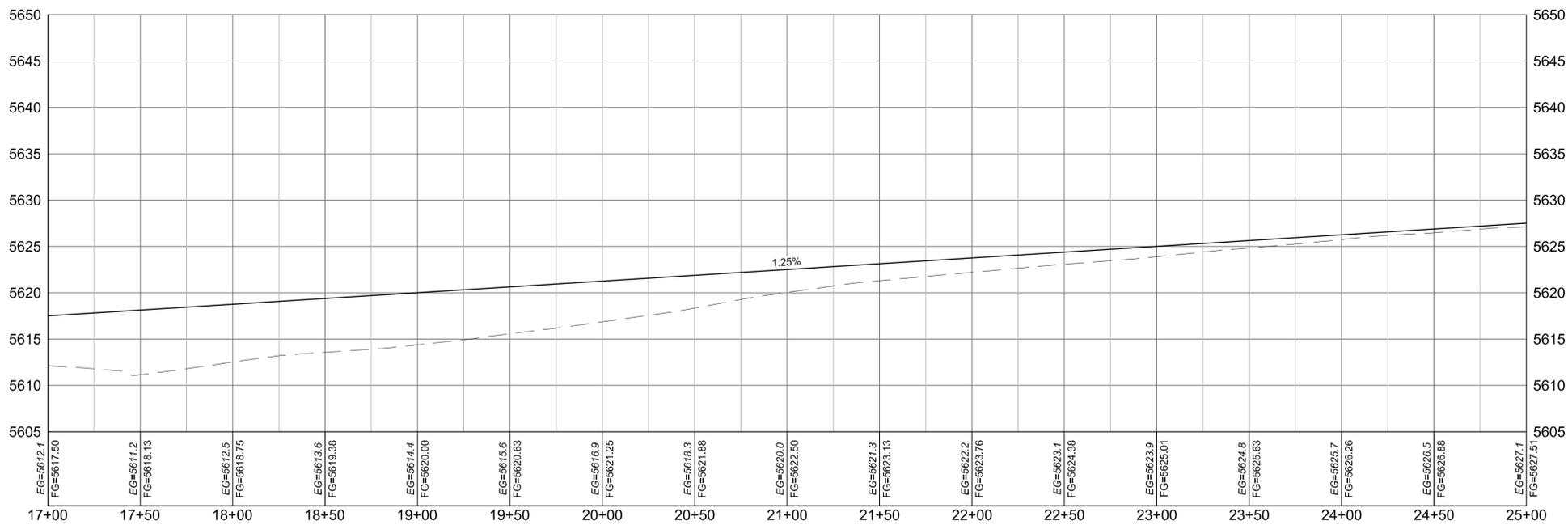
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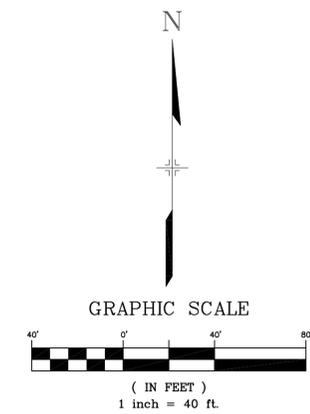
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FRASCO DRIVE PLAN



FRASCO DRIVE PROFILE
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START STA: 17+00.00, END STA: 25+00.00



30% PLANS

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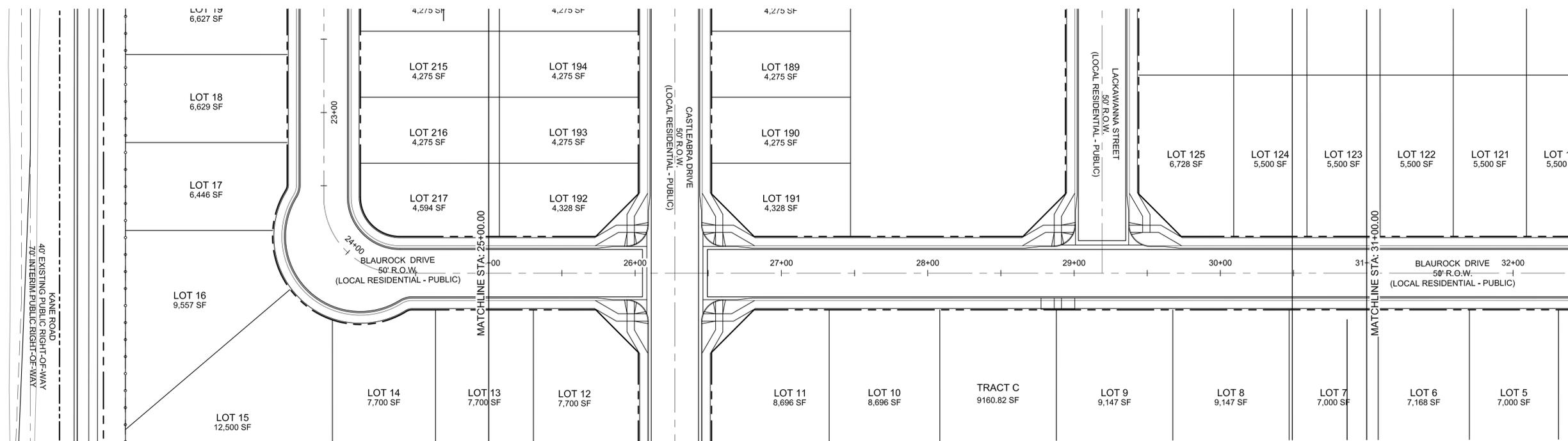
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FRASCO DRIVE PLAN AND PROFILE

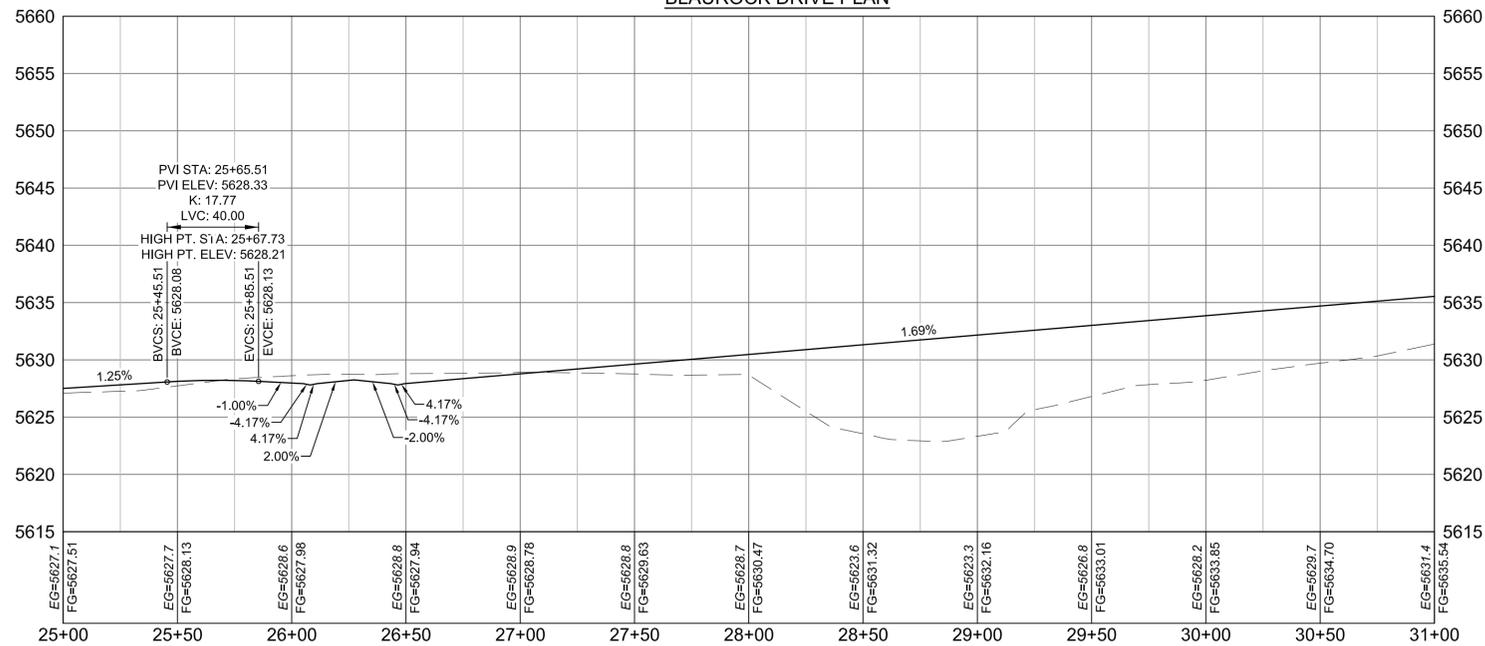
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CHECKED BY: JAO	VERT. 1"=8'		



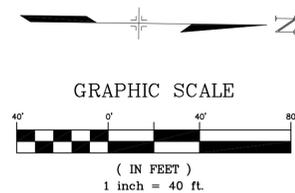
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BLAUROCK DRIVE PLAN



BLAUROCK DRIVE S PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 25+00.00, END STA: 31+00.00



30% PLANS

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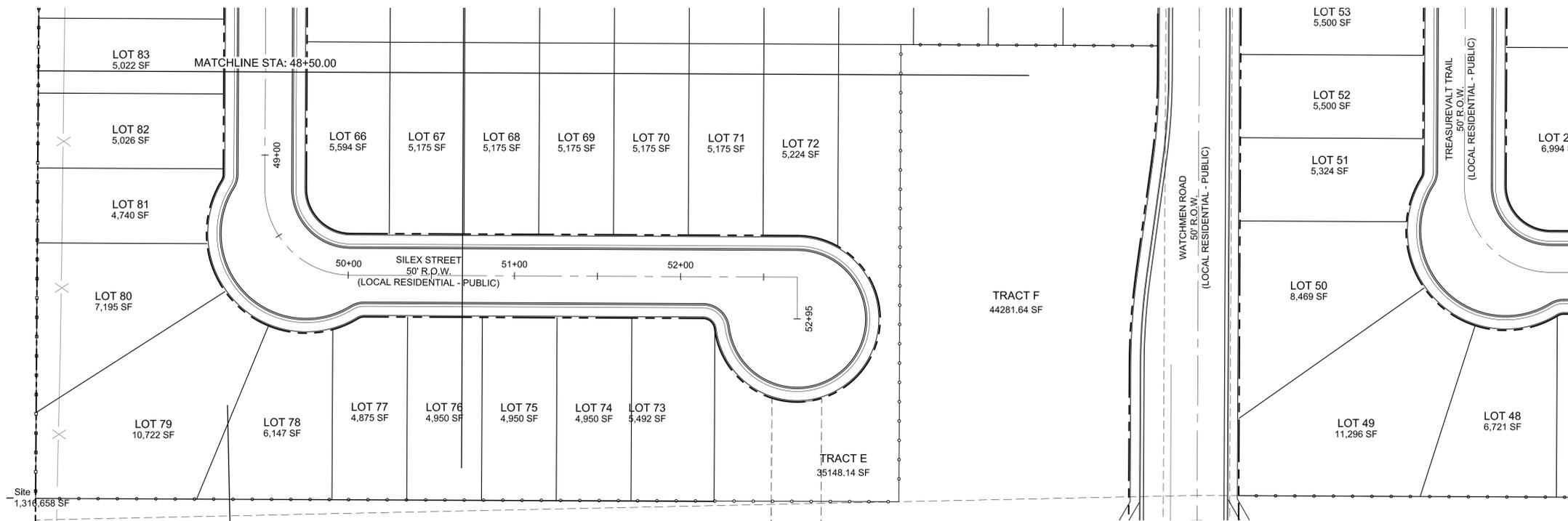
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CONSTRUCTION DOCUMENTS			
BLAUROCK DRIVE PLAN AND PROFILE			
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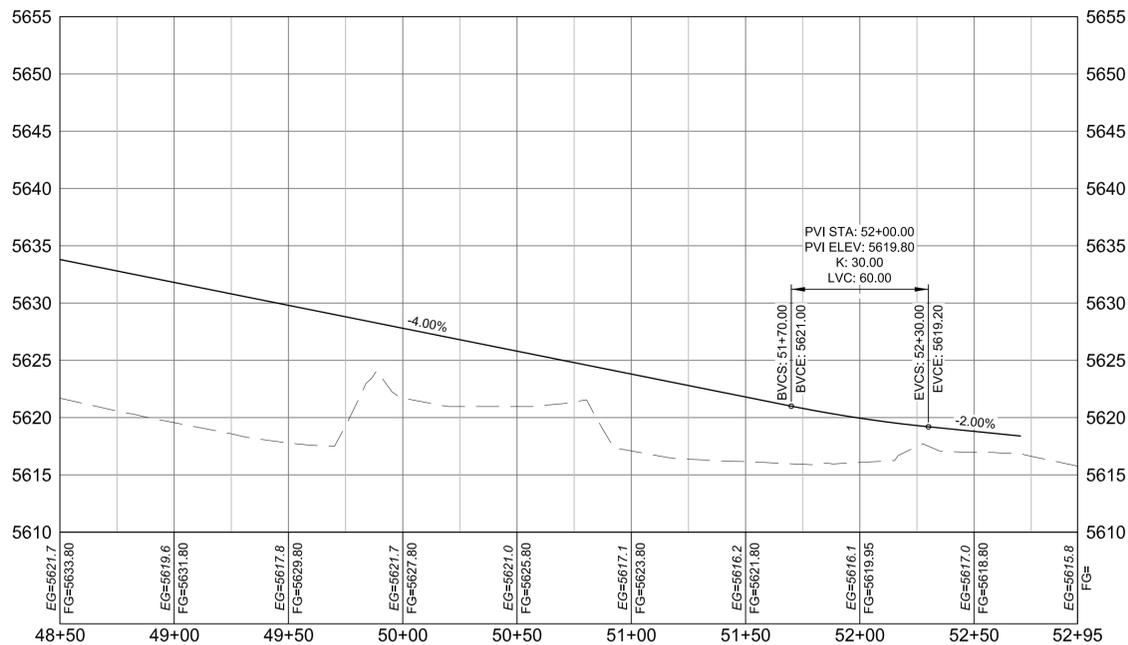


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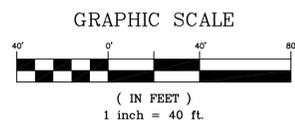
GILBERT & ELEN RODRIGUEZ
8625 SQUIRREL CREEK RD.
FOUNTAIN, CO 80817



SILEX STREET PLAN



SILEX STREET S PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 48+50.00, END STA: 52+95.29



30% PLANS

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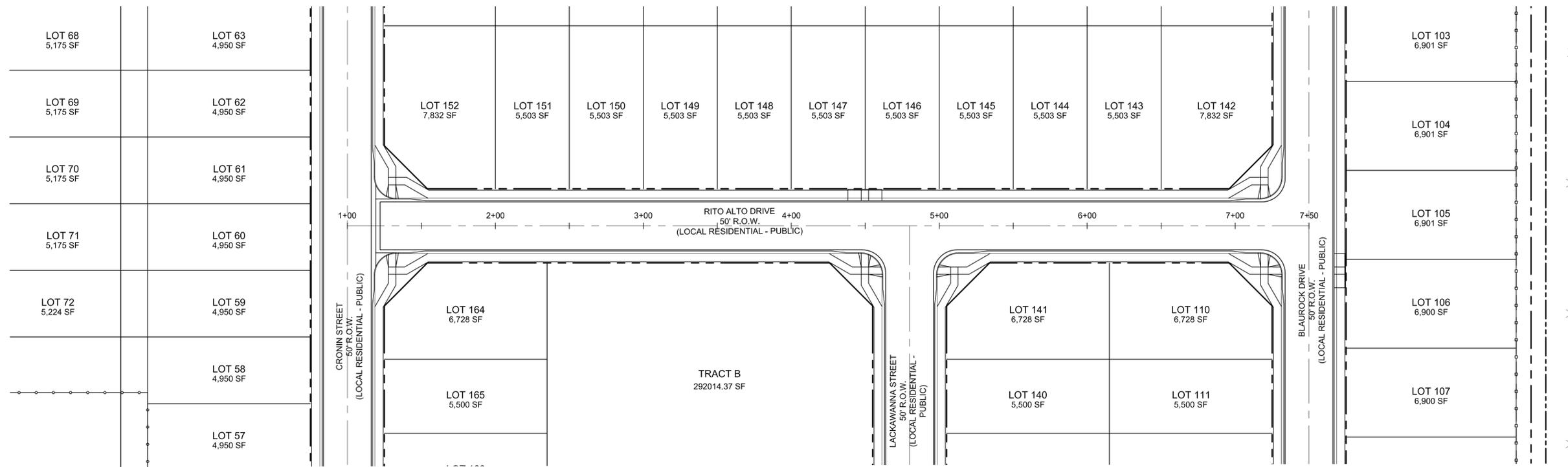
CONSTRUCTION DOCUMENTS

SILEX STREET PLAN AND PROFILE

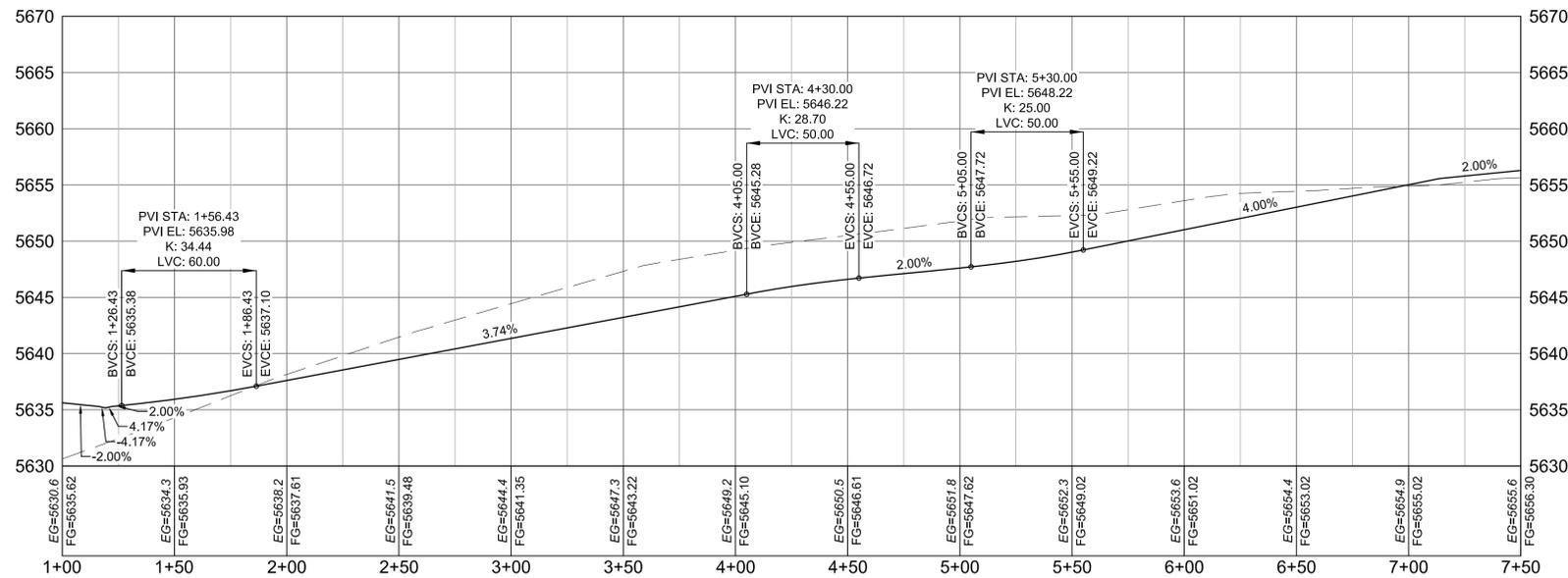
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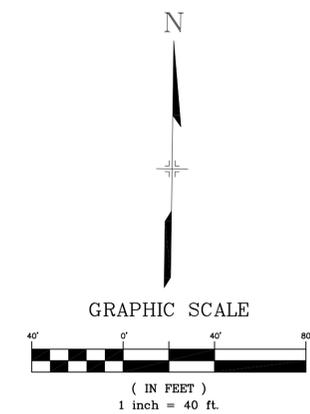
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RITO ALTO DRIVE



RITO ALTO DRIVE PROFILE
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START STA: 1+00.00, END STA: 7+50.00



30% PLANS

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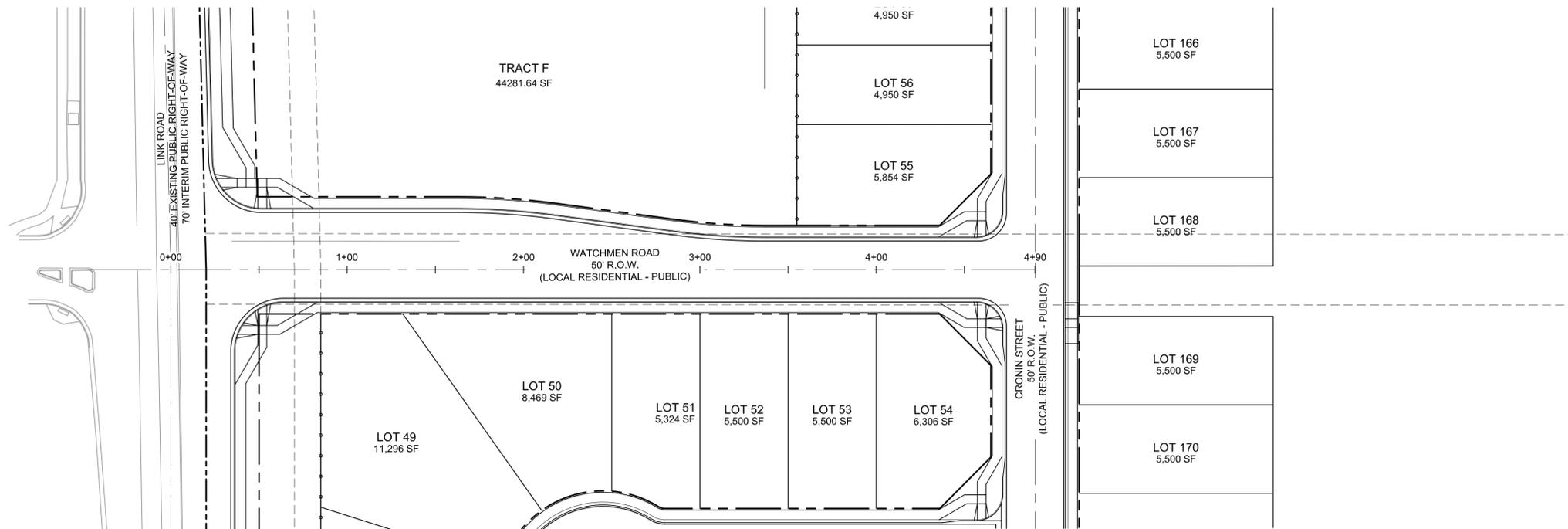
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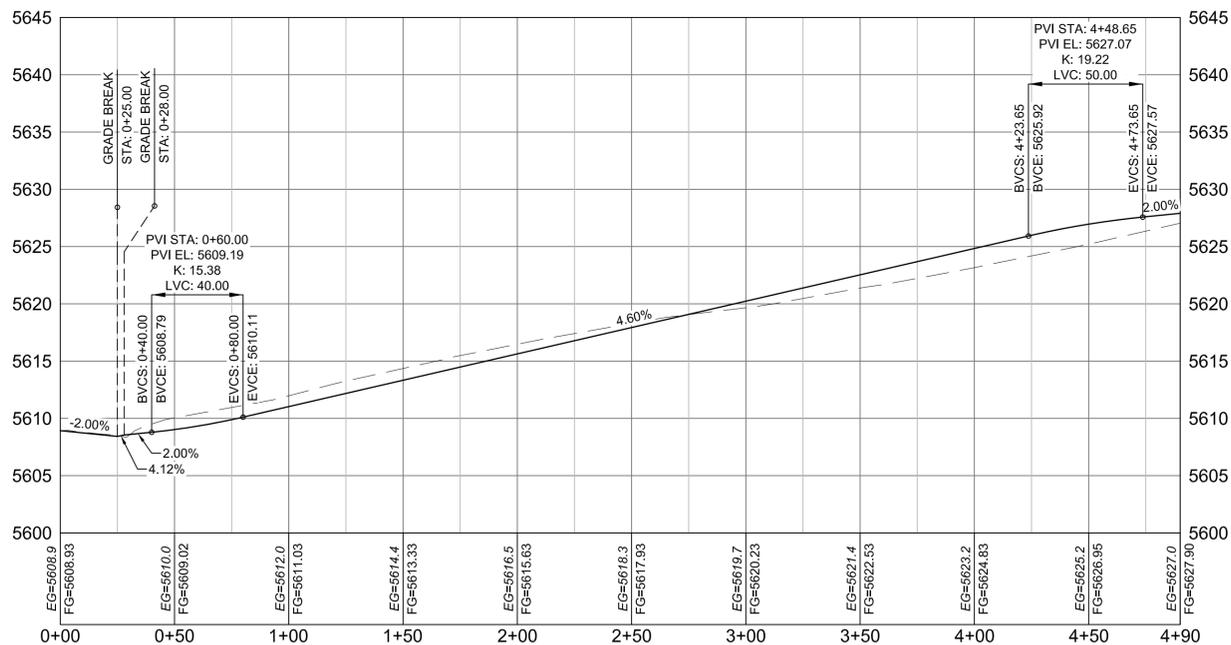
ASPEN RANCH			
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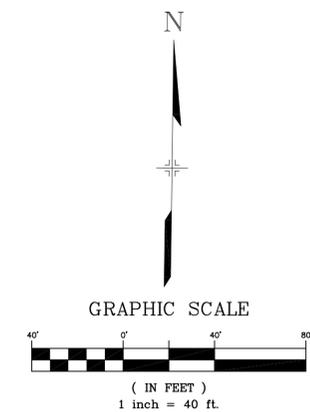
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WATCHMEN ROAD PLAN



WATCHMEN ROAD PROFILE
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30% PLANS

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REVISIONS					
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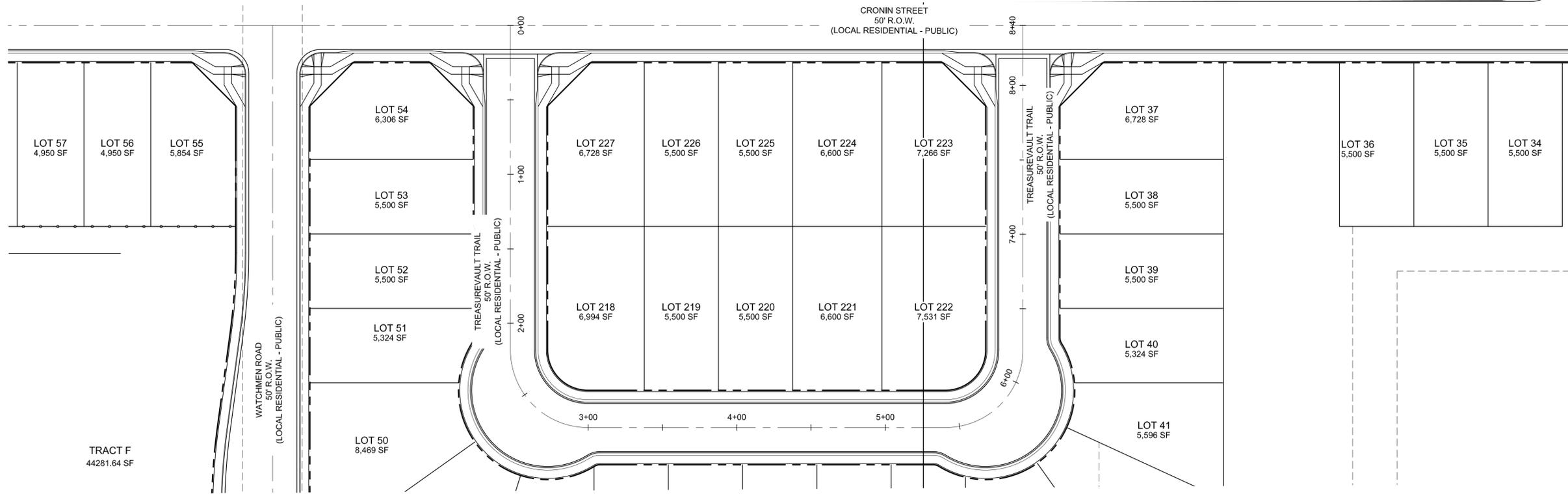
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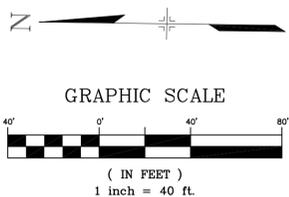
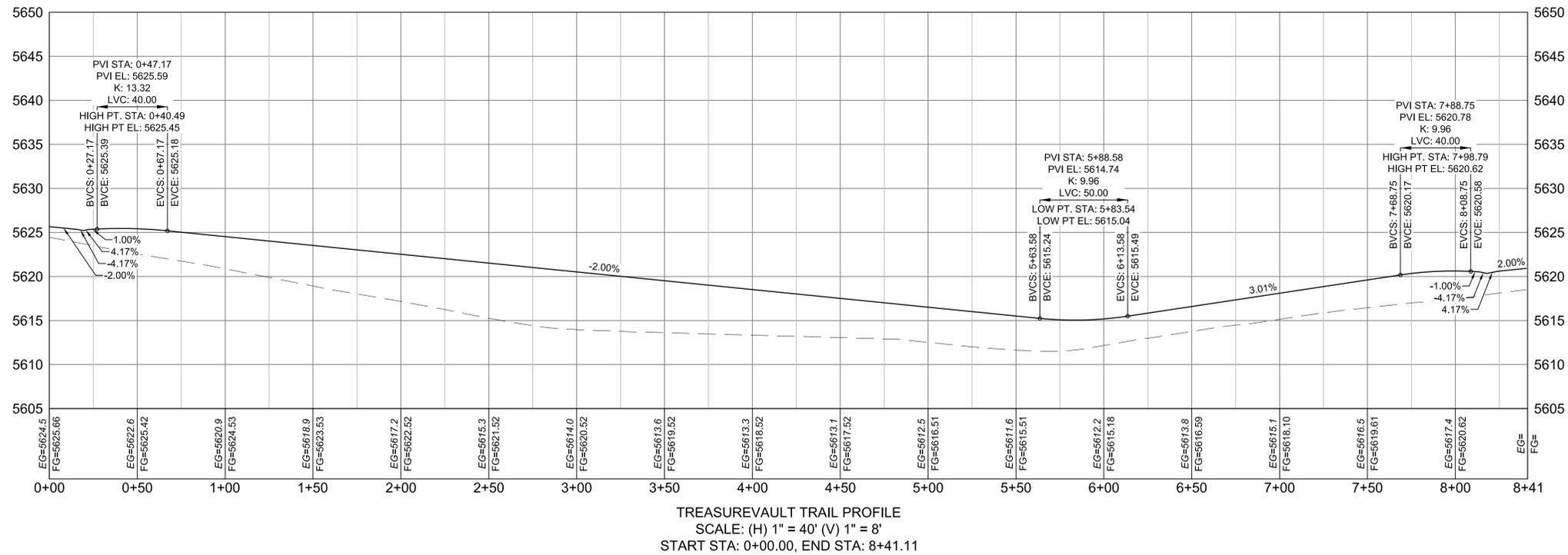
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CONSTRUCTION DOCUMENTS			
WATCHMEN ROAD PLAN AND PROFILE			
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CHECKED BY: JAO	VERT. 1"=8'	SHEET 20 OF 78	



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TREASUREVAULT TRAIL PLAN



30% PLANS

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MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

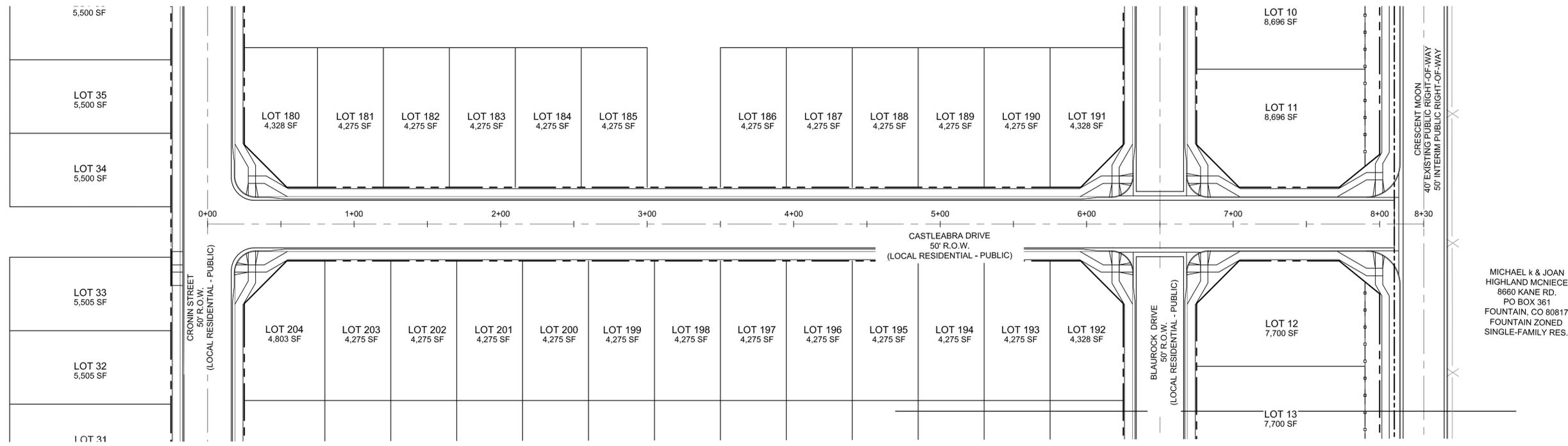
CONSTRUCTION DOCUMENTS

TREASUREVAULT TRAIL PLAN AND PROFILE

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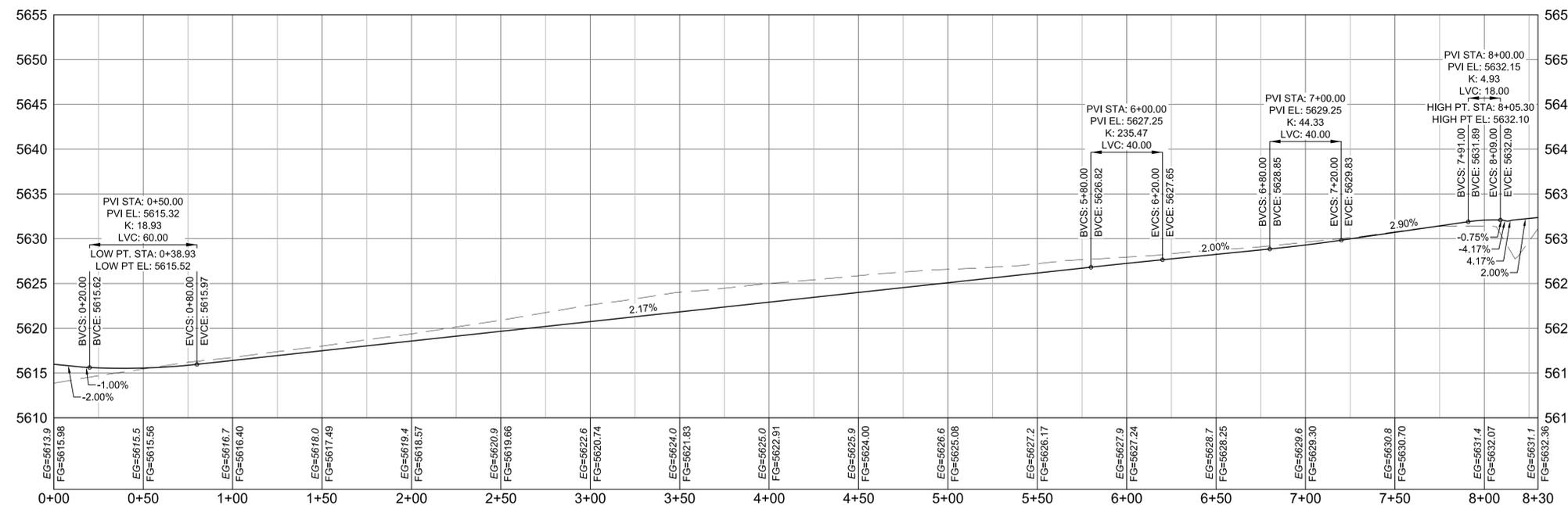


Know what's below.
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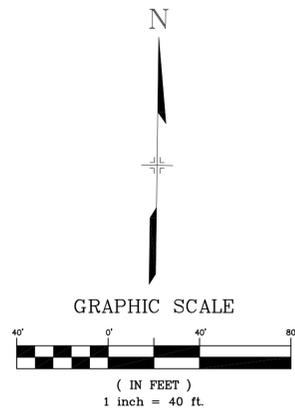


MICHAEL k & JOAN
HIGHLAND MCNIECE
8660 KANE RD.
PO BOX 361
FOUNTAIN, CO 80817
FOUNTAIN ZONED
SINGLE-FAMILY RES.

CASTLEBRA DRIVE PLAN



CASTLEBRA DRIVE PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+00.00, END STA: 8+30.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
RD00	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\ROAD\RD05.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:34:40 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

SEAL

PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

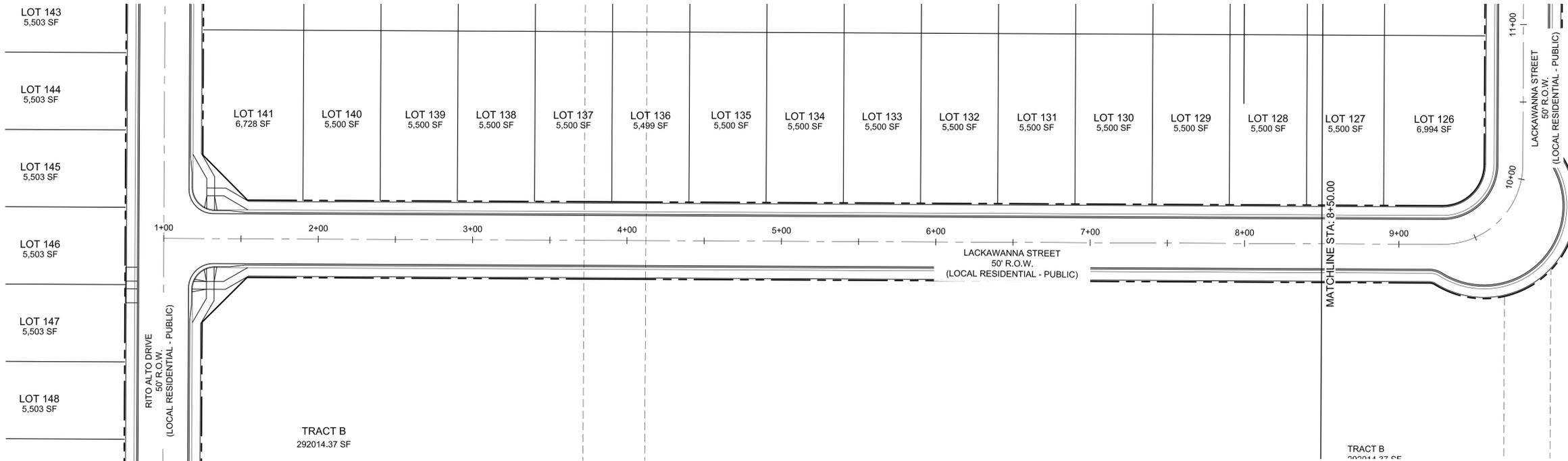
CONSTRUCTION DOCUMENTS

CASLEBRA DRIVE PLAN AND PROFILE

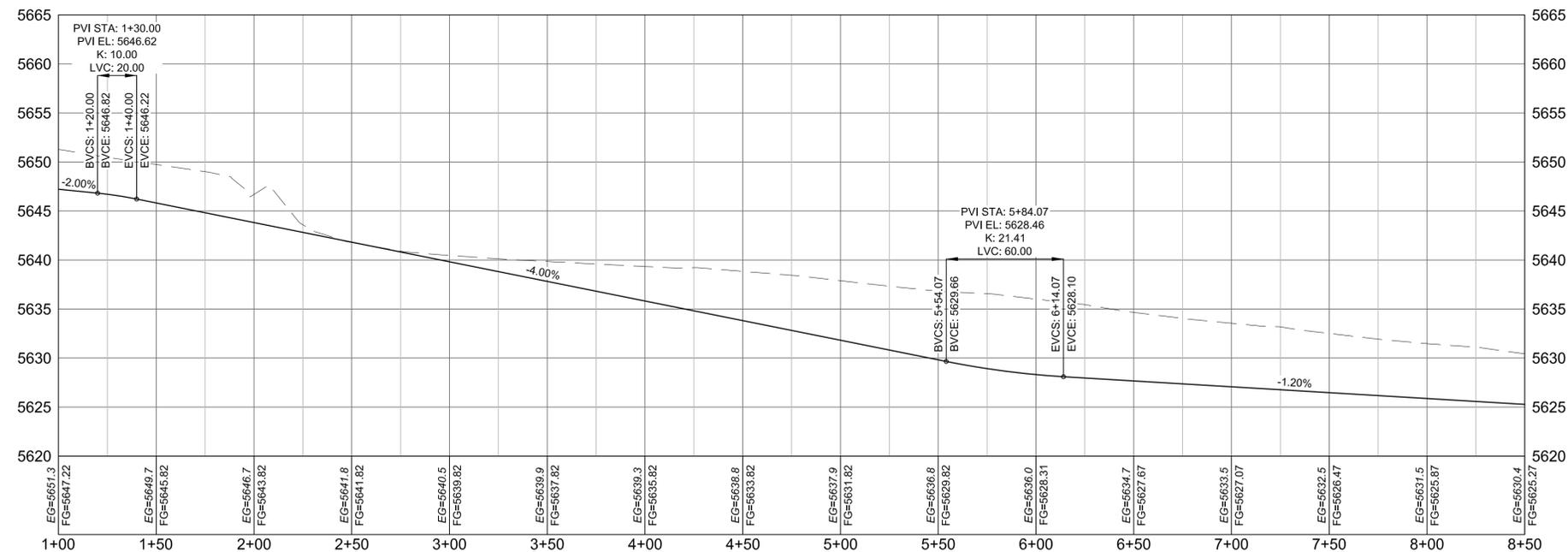
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. RD11
CHECKED BY: JAO	HORIZ: 1"=40'	SHEET 22 OF 78	
	VERT: 1"=8'		



Know what's below.
Call before you dig.



LACKAWANNA STREET PLAN



LACKAWANNA STREET PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 1+00.00, END STA: 8+50.00



GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

30% PLANS

REFERENCE DRAWINGS	###	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	###	
RD00	###	###	###	###	###	
No.	DATE	DESCRIPTION			BY	
REVISIONS						
COMPUTER FILE MANAGEMENT						
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\ROAD\RD06.dwg						
CTB FILE: ---						
PLOT DATE: March 12, 2020 12:35:41 PM						
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.						

DESIGNED BY:	CRD	SCALE	DATE ISSUED:	3/12/2020	DRAWING No.
DRAWN BY:	CRD	HORIZ 1"=40'	SHEET	23 OF 78	RD12
CHECKED BY:	JAO	VERT. 1"=8'			

PREPARED BY:

SEAL
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

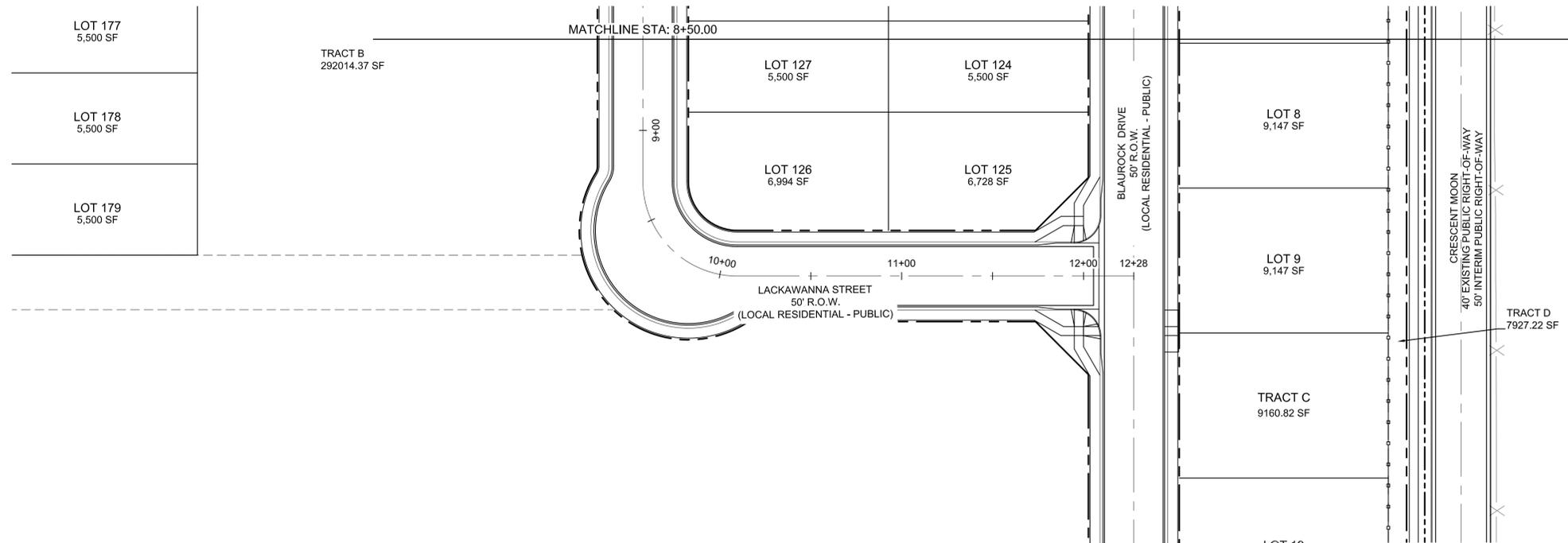
ASPEN RANCH

CONSTRUCTION DOCUMENTS

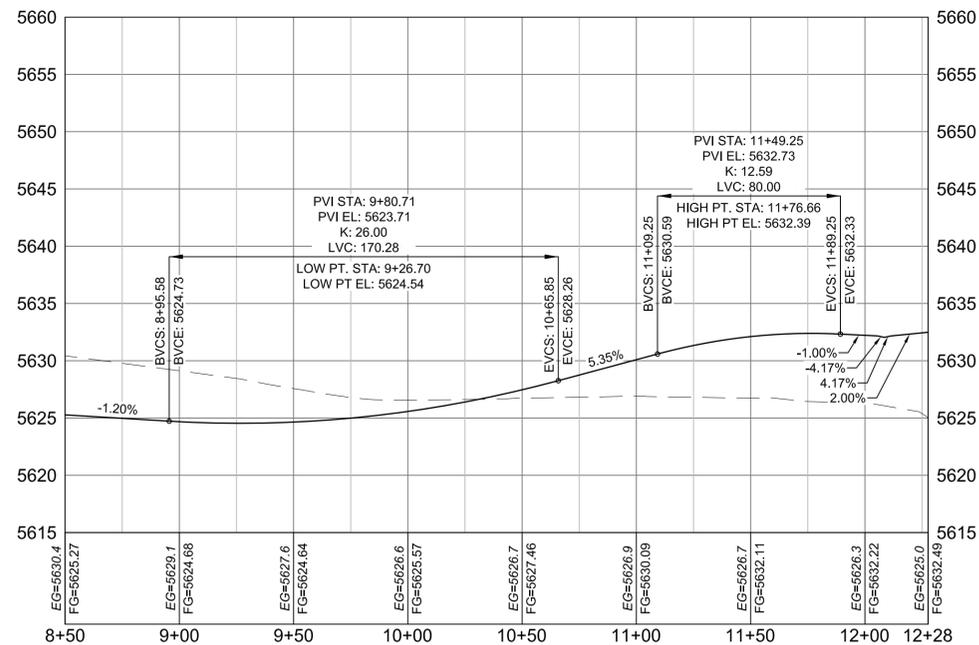
LACKAWANNA STREET PLAN AND PROFILE



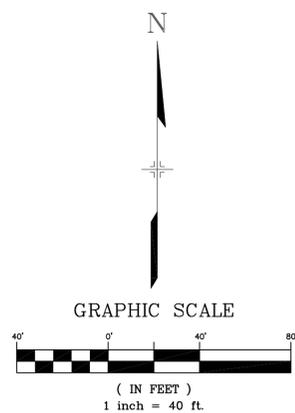
Know what's below.
Call before you dig.



LACKAWANNA STREET PLAN



LACKAWANNA STREET S PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 8+50.00, END STA: 12+27.67



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
RD00	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\ROAD\RD06.dwg					
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THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

SEAL

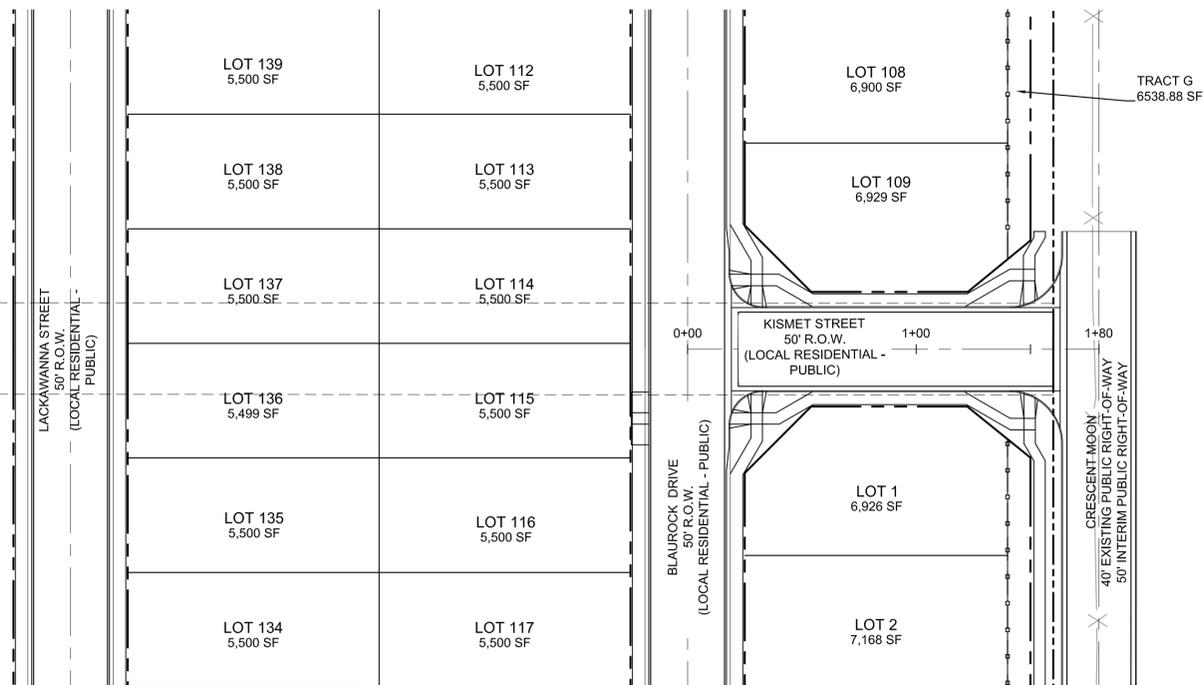
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

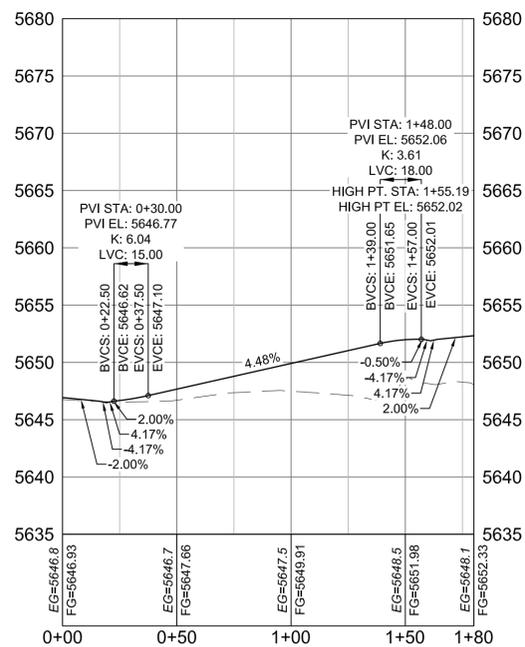
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
LACKAWANNA STREET PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. RD13
CHECKED BY: JAO	VERT. 1"=8'	SHEET 24 OF 78	



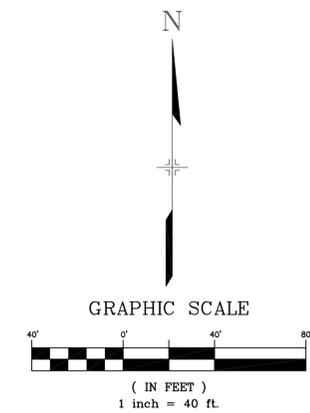
Know what's below.
Call before you dig.



KISMET STREET PLAN



KISMET STREET PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+00.00, END STA: 1+80.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
RD00	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD\ROAD\RD07.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:36:23 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

SEAL

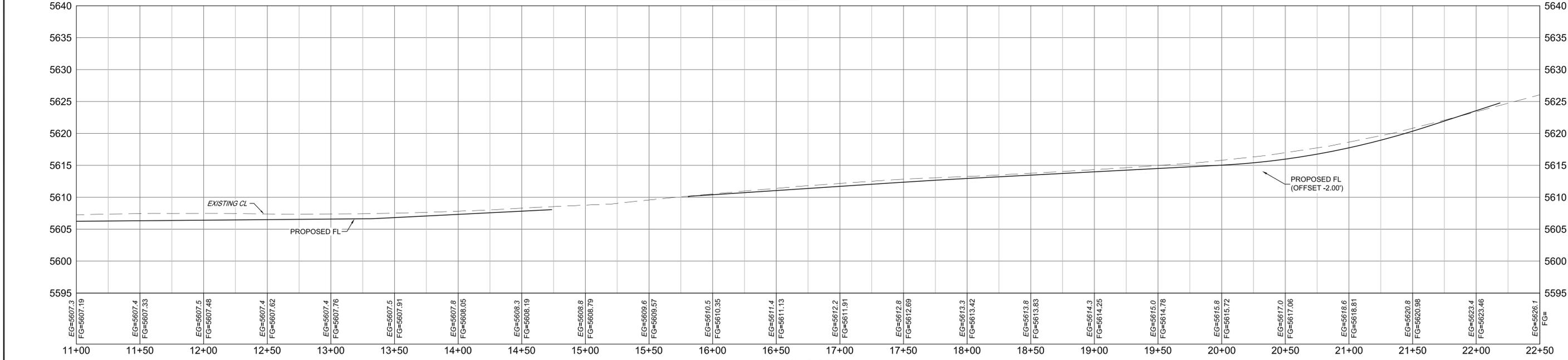
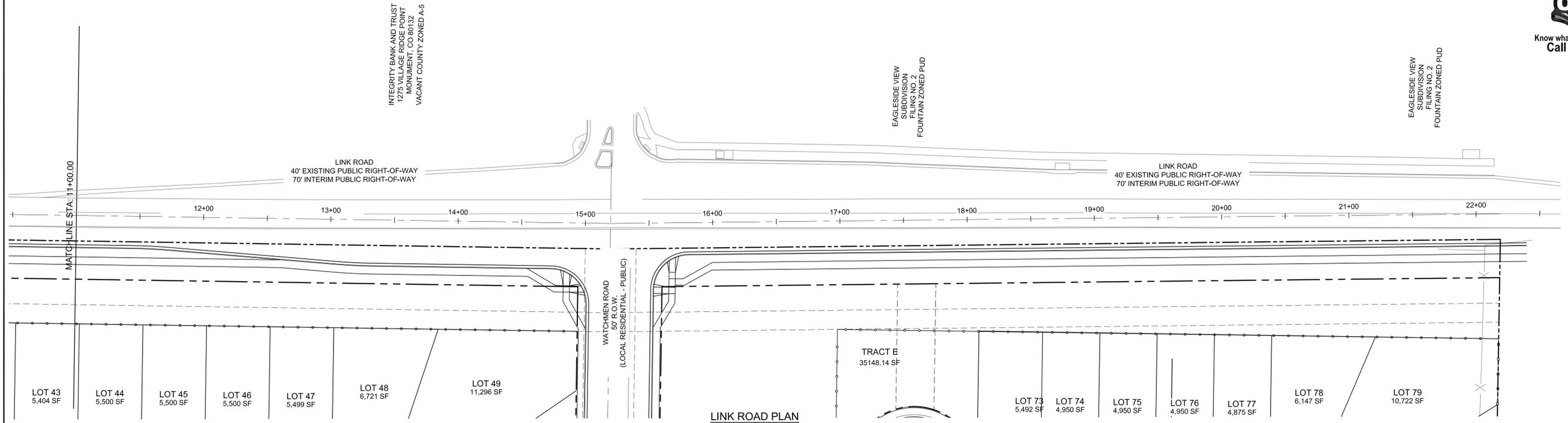
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

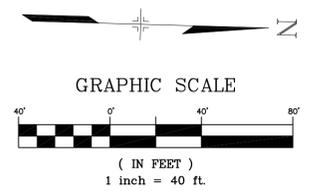
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
KISMET STREET PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. RD14
CHECKED BY: JAO	VERT. 1"=8'	SHEET 25 OF 78	



Know what's below.
Call before you dig.



LINK ROAD PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 11+00.00, END STA: 22+50.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-888-EX-BASE-MATRIX	###	###	###	###	###
X-888-PR-SITE PLAN	###	###	###	###	###
RD00	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\ROAD\RD08.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:37:11 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

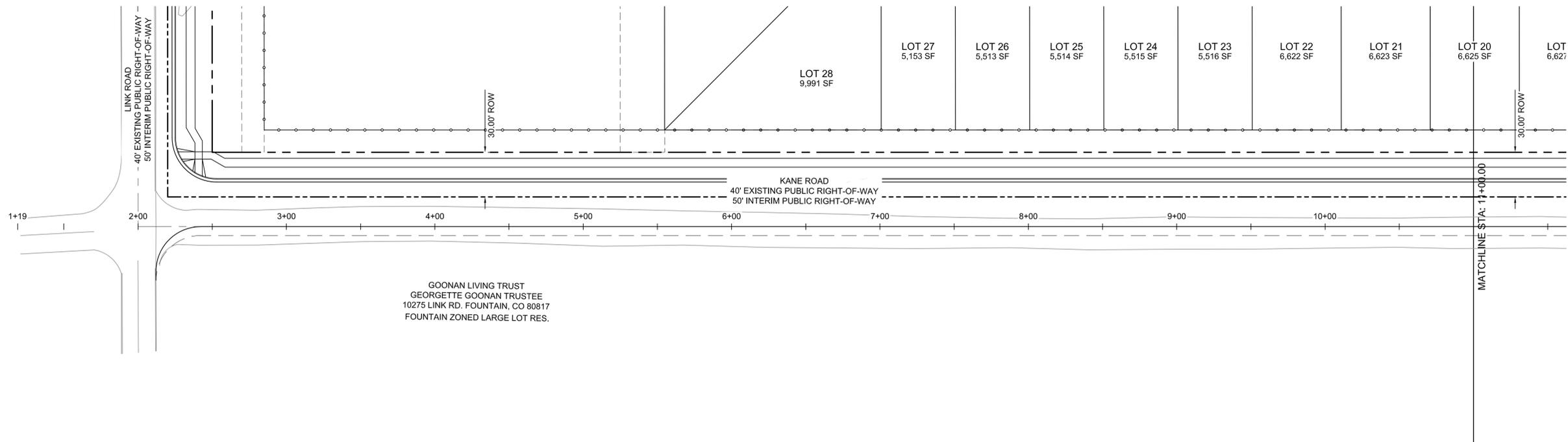
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GOVERNING AGENCIES AND
IS SUBJECT TO CHANGE

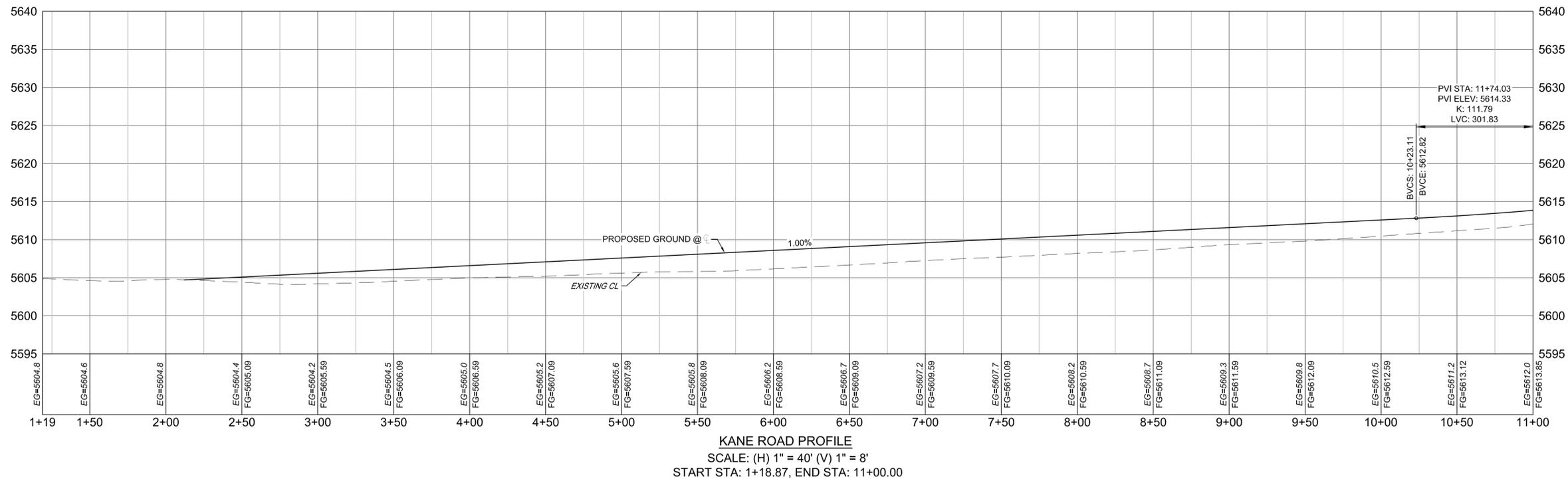
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
LINK ROAD PLAN AND PROFILE			
DESIGNED BY:	CRD	SCALE:	DATE ISSUED:
DRAWN BY:	CRD	HORIZ 1"=40'	3/12/2020
CHECKED BY:	JAO	VERT. 1"=8'	SHEET 27 OF 78
			DRAWING No. RD16



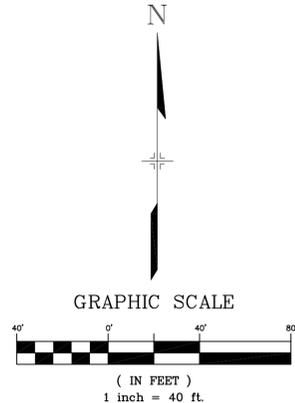
Know what's below.
Call before you dig.



KANE ROAD PLAN



KANE ROAD PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 1+18.87, END STA: 11+00.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
RD00	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
COMPUTER FILE MANAGEMENT					
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CTB FILE: ---					
PLOT DATE: March 12, 2020 12:38:03 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

SEAL

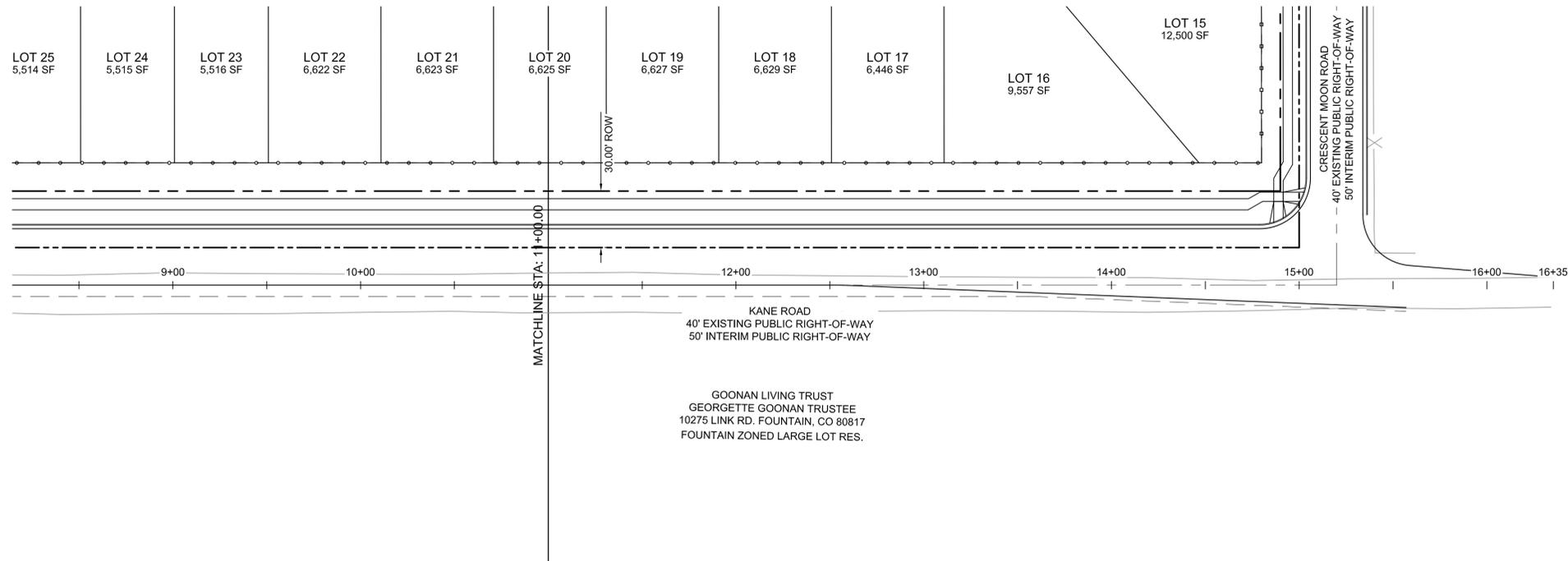
PRELIMINARY
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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

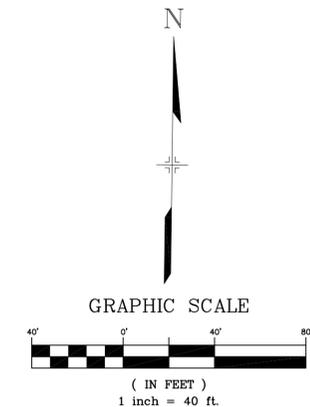
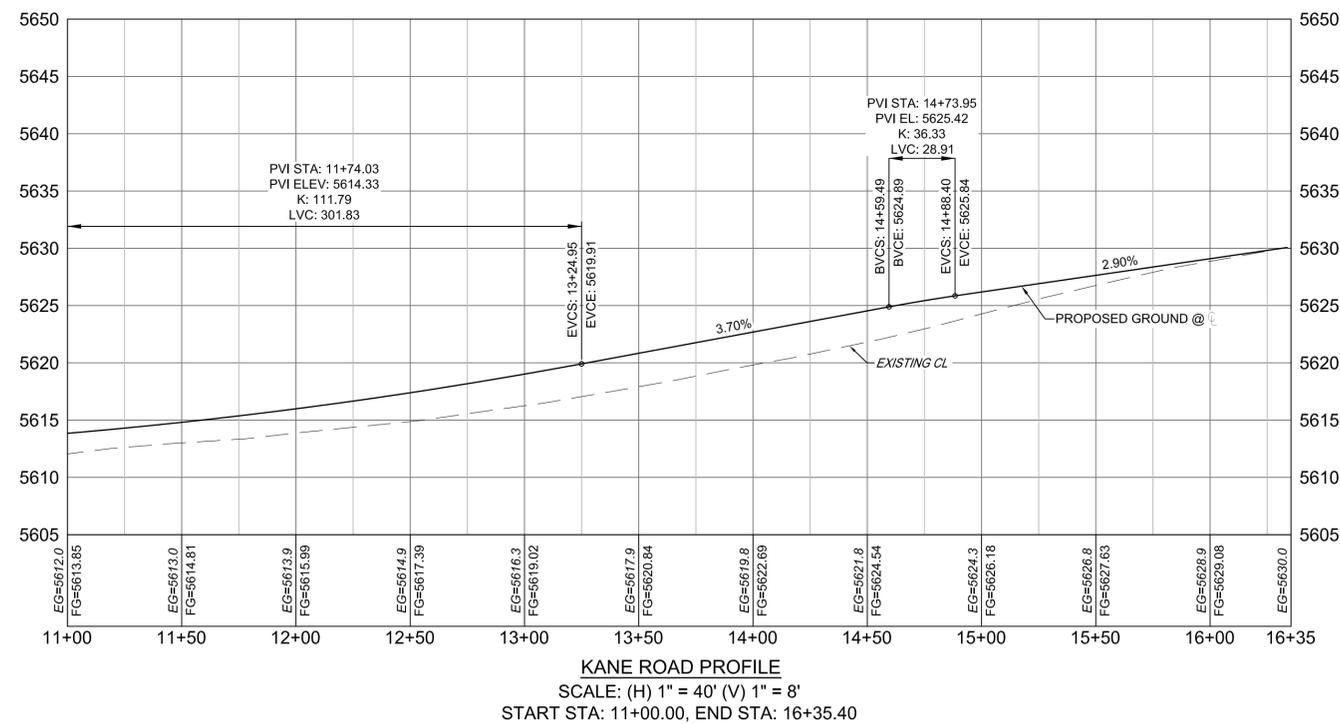
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
KANE ROAD PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. RD17
CHECKED BY: JAO	VERT. 1"=8'	SHEET 28 OF 78	



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KANE ROAD PLAN

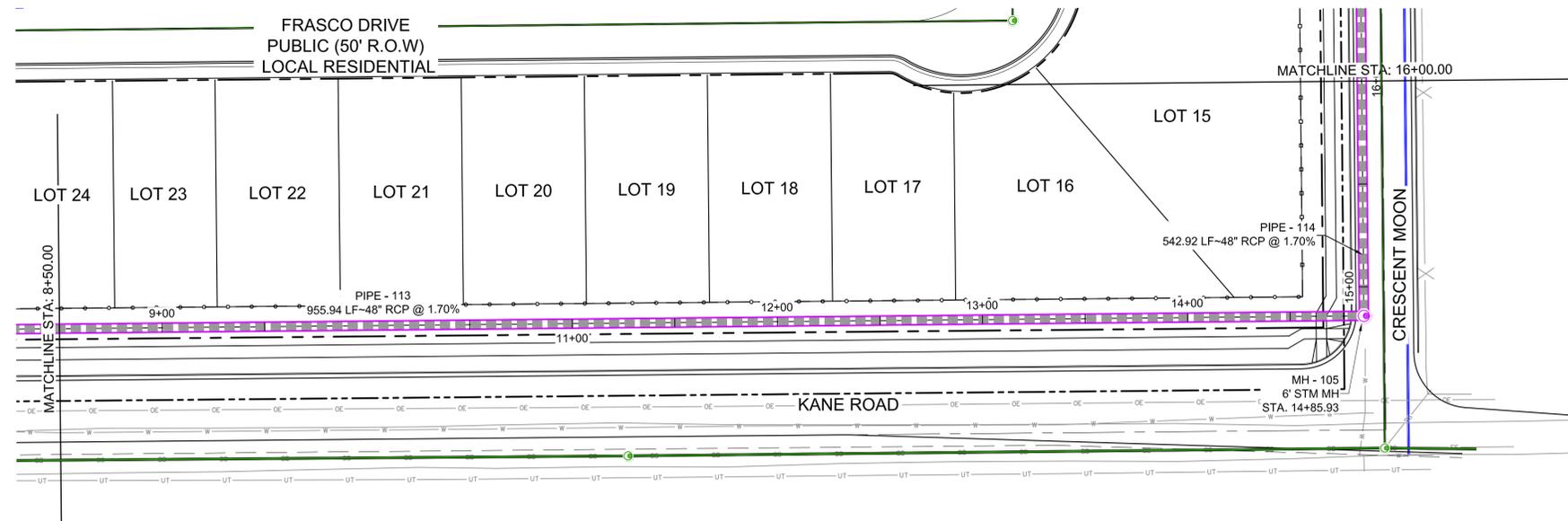


30% PLANS

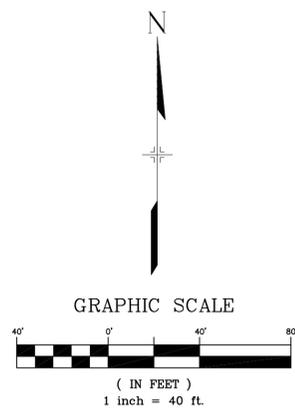
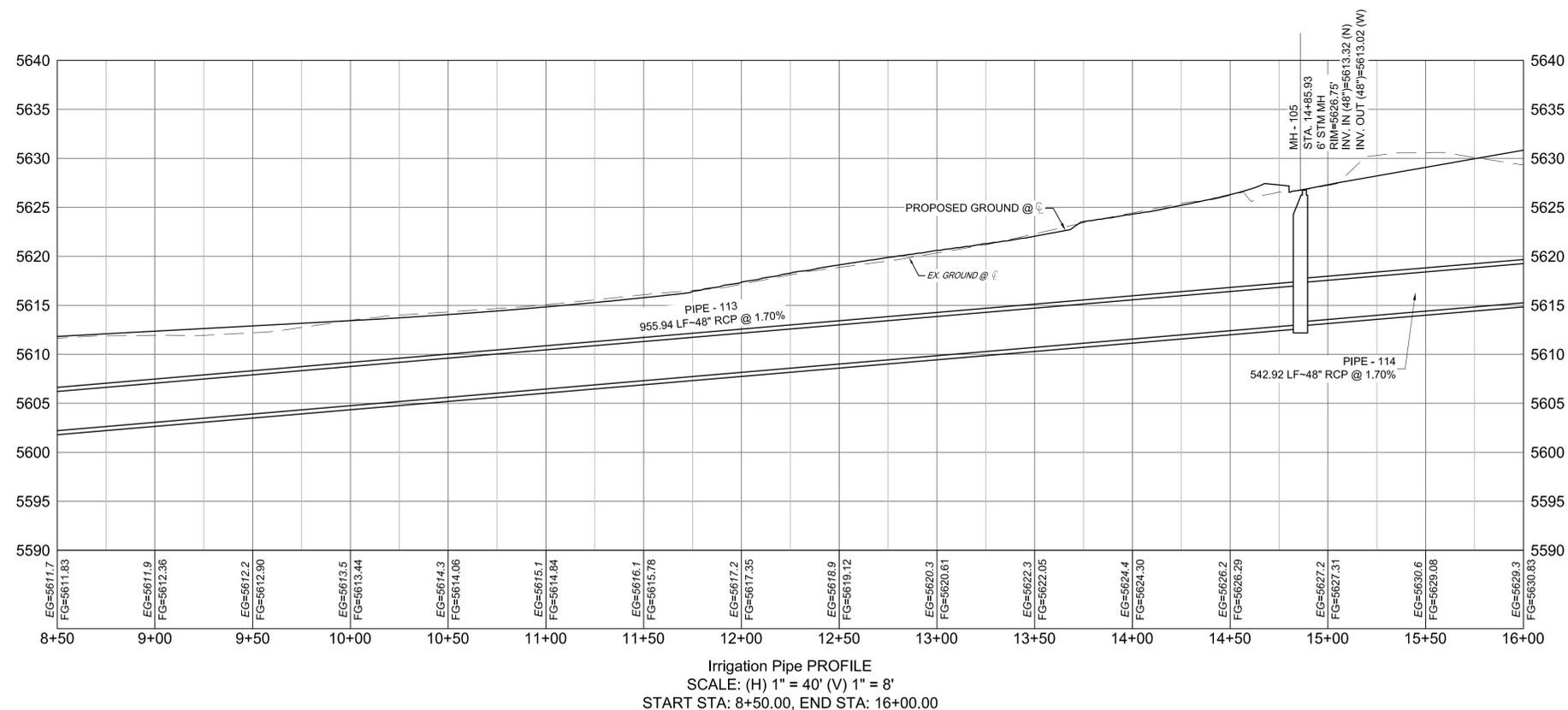
REFERENCE DRAWINGS X-Title-W X-888-EX-BASE-MATRIX X-888-PR-SITE PLAN RD00	###	###	###	###	SHEET KEY		PREPARED BY: 	SEAL PRELIMINARY THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE	ASPEN RANCH CONSTRUCTION DOCUMENTS KANE ROAD PLAN AND PROFILE			
	No.	DATE	DESCRIPTION	BY					DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. RD17
COMPUTER FILE MANAGEMENT FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD\ROAD\RD09.dwg CTB FILE: --- PLOT DATE: March 12, 2020 12:38:07 PM THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.							CHECKED BY: JAO SCALE: VERT. 1"=8' SHEET 28 OF 78					



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OFFSITE STORM & IRRIGATION PLAN
10+00.00 - 16+50.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SD01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\STORMSD1V.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:40:20 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

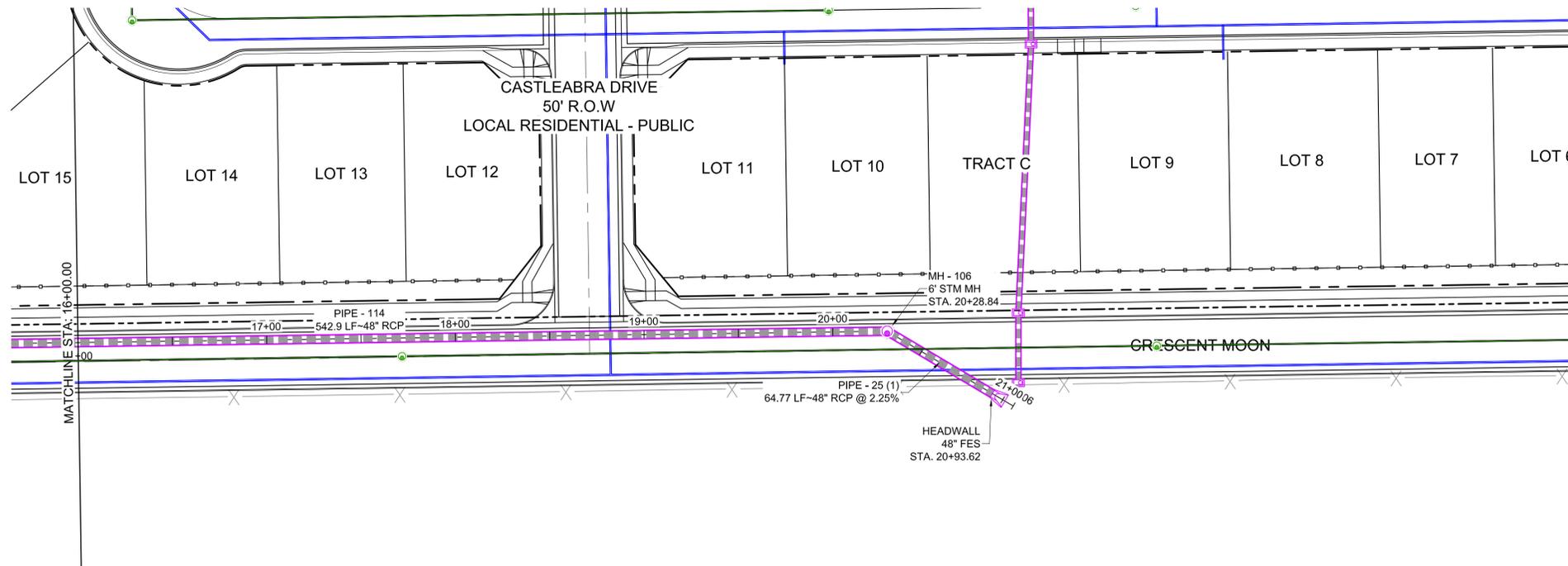
SEAL

PRELIMINARY
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BEEN APPROVED BY
GOVERNING AGENCIES AND
IS SUBJECT TO CHANGE

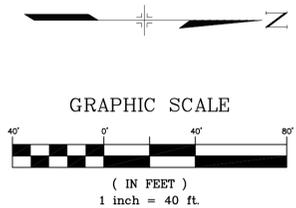
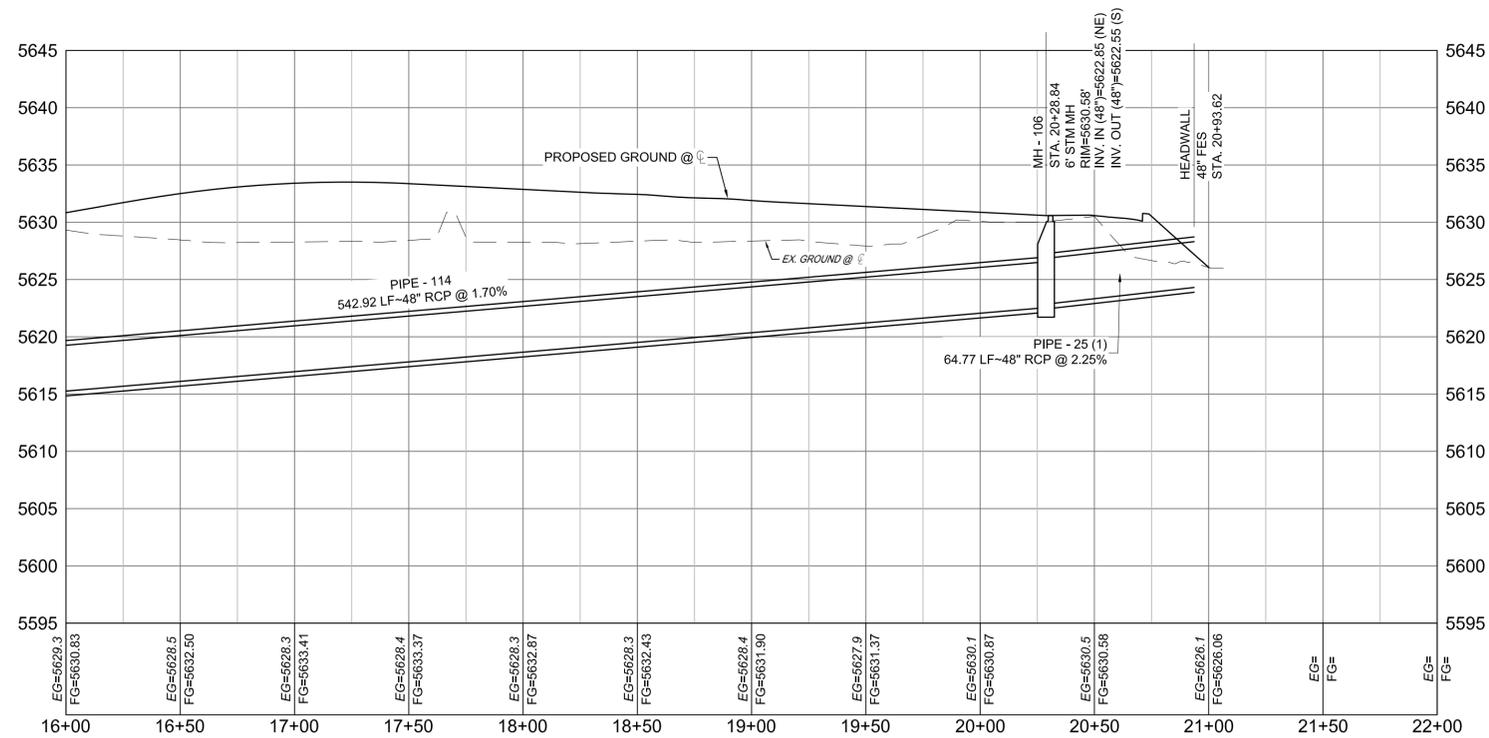
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
IRRIGATION PIPE PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SD02
CHECKED BY: JAO	VERT. 1"=8'	SHEET 33 OF 78	



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OFFSITE STORM & IRRIGATION PLAN
16+50.00 - 21+90.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SD01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
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THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

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SEAL

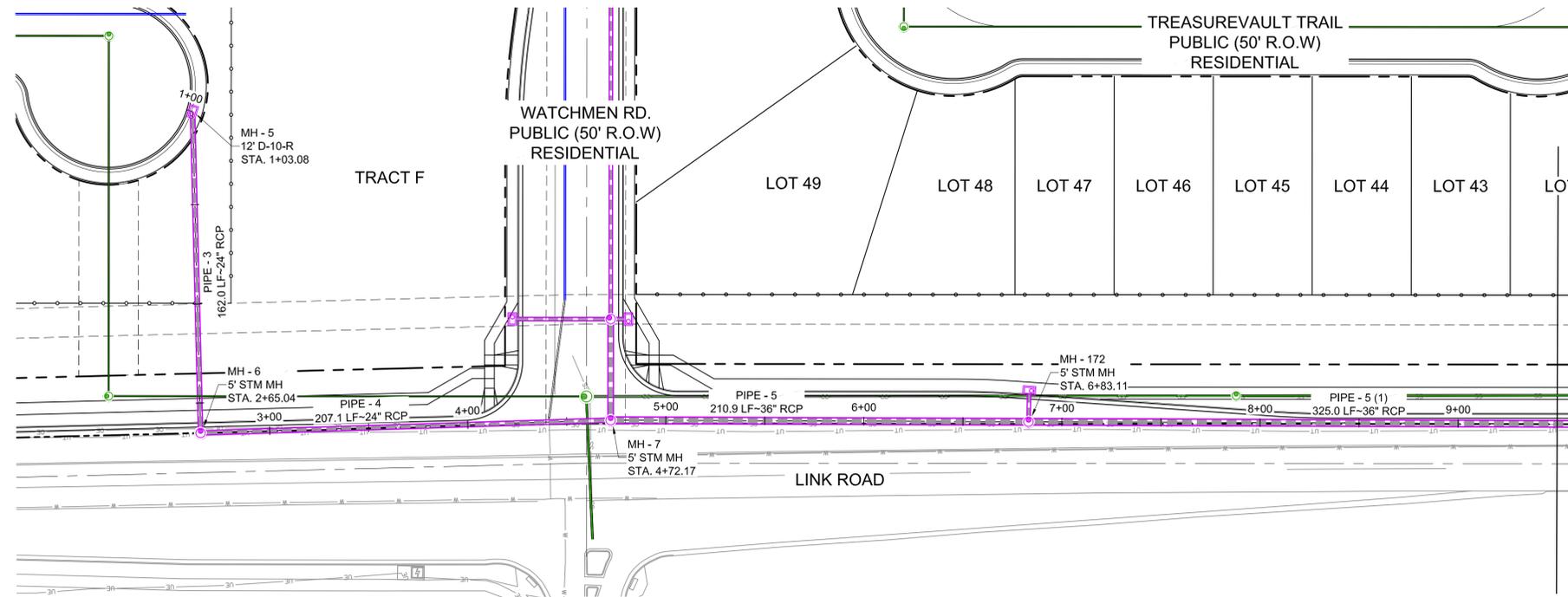
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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

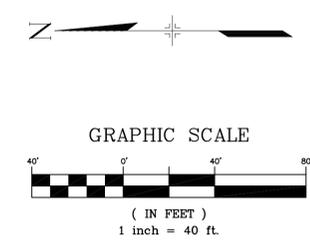
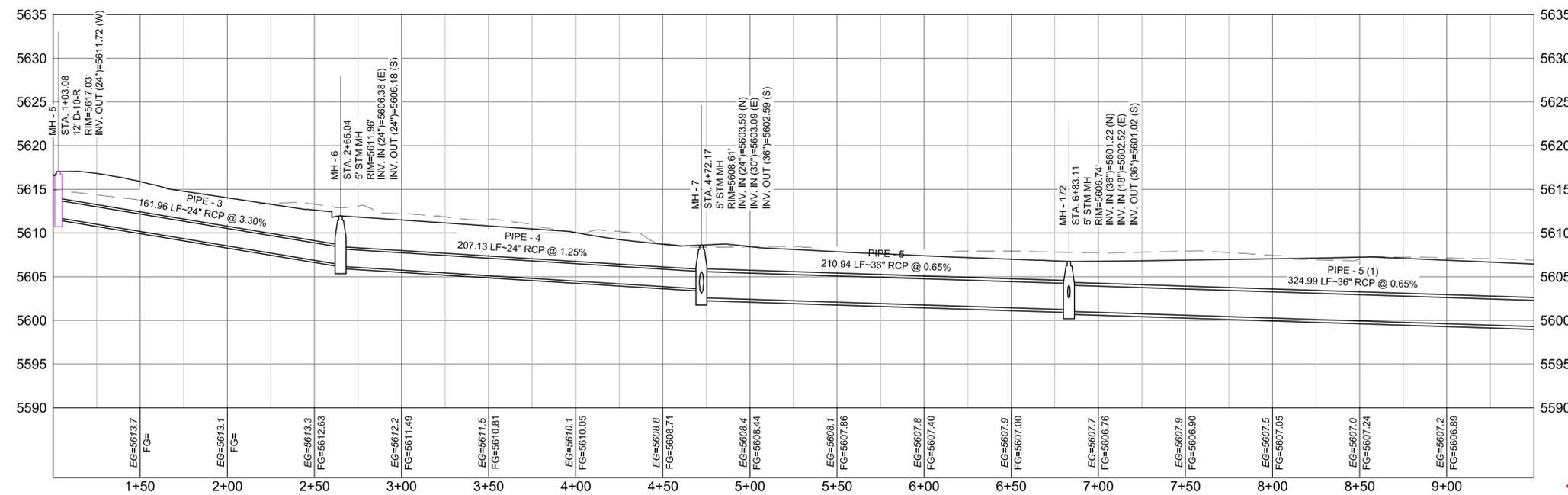
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
IRRIGATION PIPE PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SD03
CHECKED BY: JAO	VERT. 1"=8'	SHEET 34 OF 78	



Know what's below.
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STORM DRAIN 01 PLAN
1+00.00 - 9+50.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	###
X-Title-W	###	###	###	###	###
X-888-EX-BASE-MATRIX	###	###	###	###	###
X-888-PR-SITE PLAN	###	###	###	###	###
SD01	###	###	###	###	###
X-888-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION	BY		
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\STORMSD2.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:41:05 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

###	SHEET KEY
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PREPARED BY:

SEAL

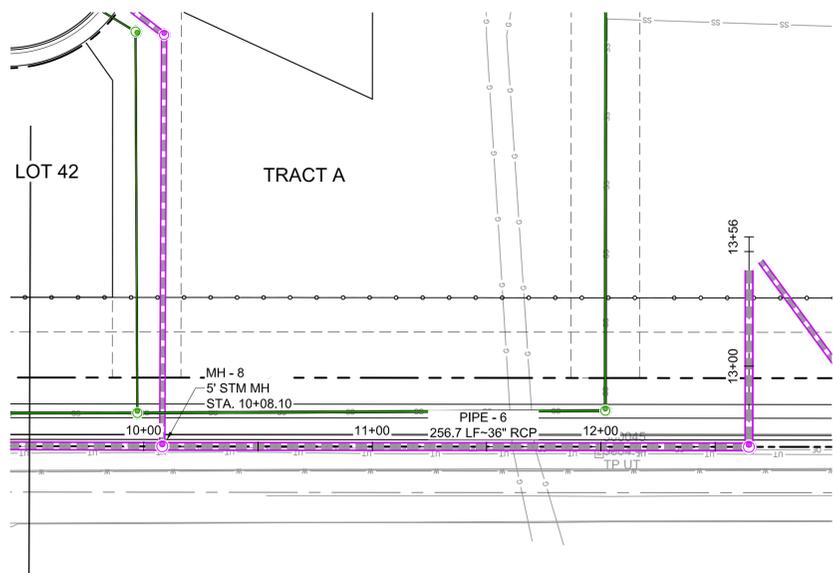
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

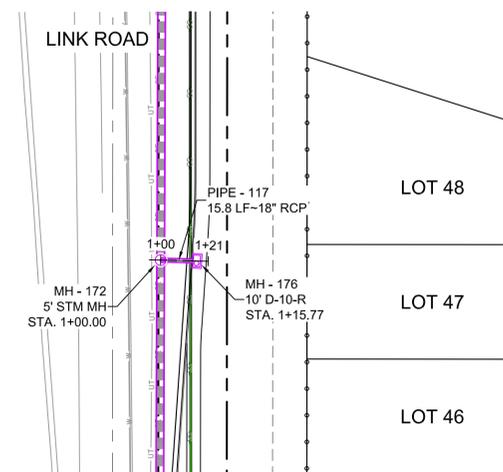
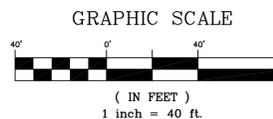
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
STORM 01 PLAN AND PROFILE			
DESIGNED BY:	CRD	SCALE:	DATE ISSUED:
DRAWN BY:	CRD	HORIZ 1"=40'	3/12/2020
CHECKED BY:	JAO	VERT. 1"=8'	SHEET 35 OF 78
			DRAWING No. SD04



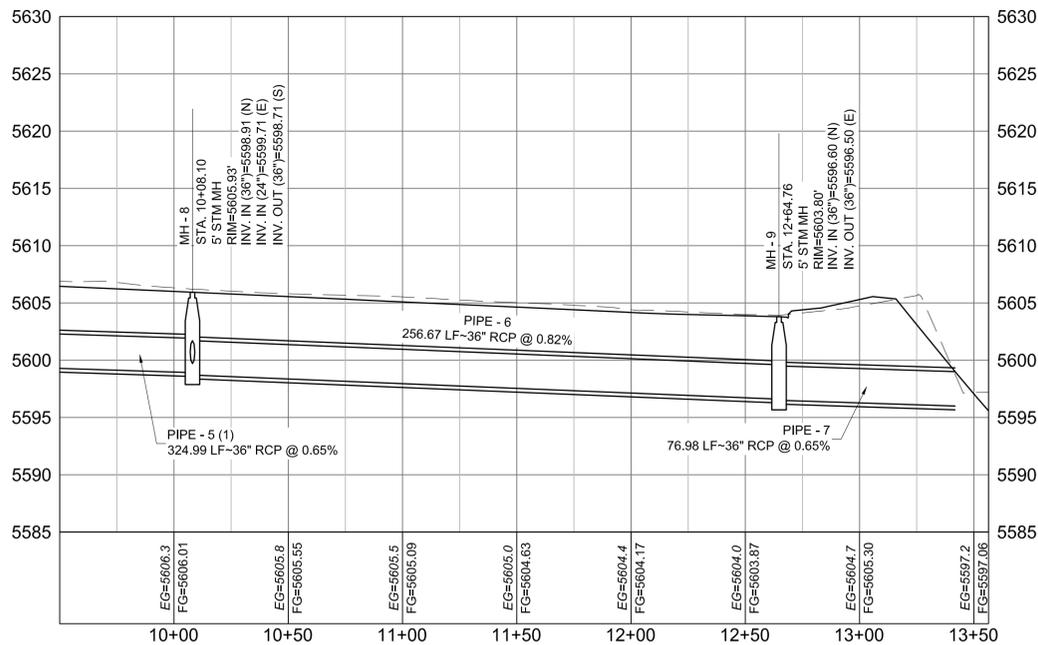
Know what's below.
Call before you dig.



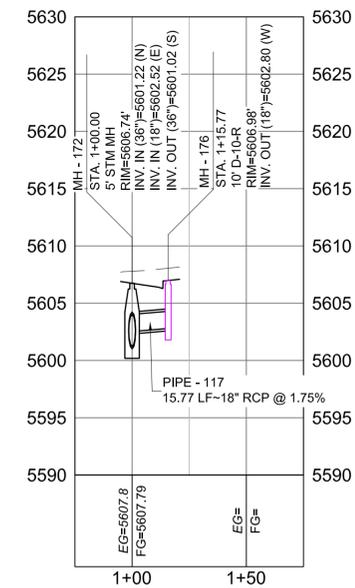
STORM DRAIN 01 PLAN
1+00.00 - 9+50.00



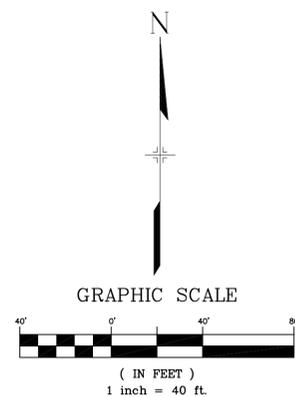
STORM DRAIN 10 PLAN



STORM DRAIN 01 PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 9+50.00, END STA: 13+56.44



STORM DRAIN 10 PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+75.00, END STA: 1+75.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-888-EX-BASE-MATRIX	###	###	###	###	###
X-888-PR-SITE PLAN	###	###	###	###	###
SD01	###	###	###	###	###
X-888-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\STORMSD2.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:41:11 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					



PREPARED BY:



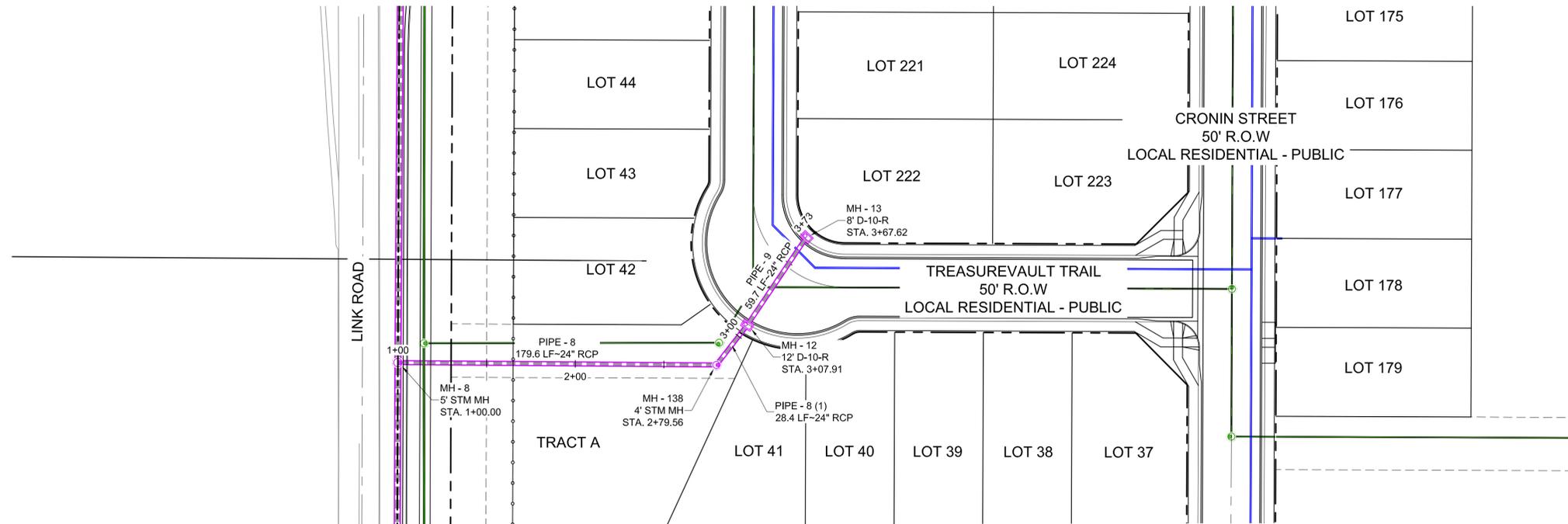
SEAL
PRELIMINARY
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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

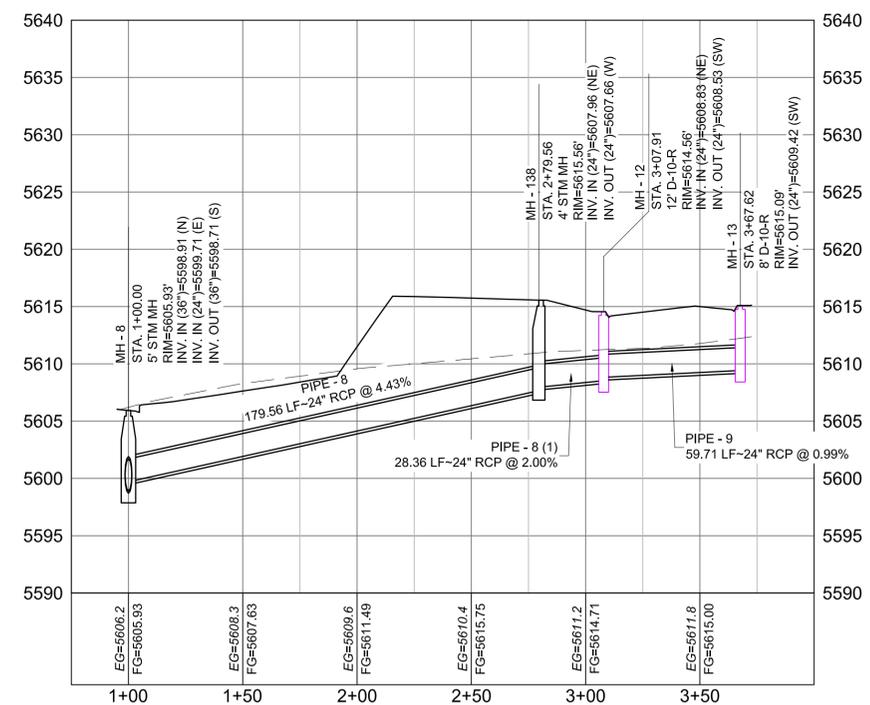
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
STORM 01 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SD05
CHECKED BY: JAO	HORIZ. 1"=40'	SHEET 36 OF 78	
	VERT. N/A		



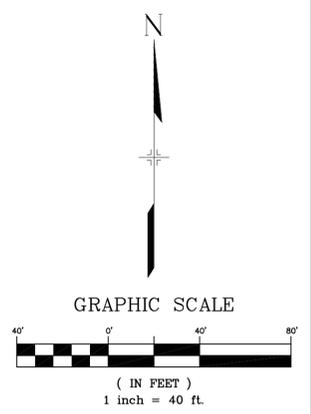
Know what's below.
Call before you dig.



STORM DRAIN 02 PLAN



STORM DRAIN 02 PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+75.00, END STA: 4+00.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SD01	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD\S\STORMSD3.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:41:49 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

SEAL

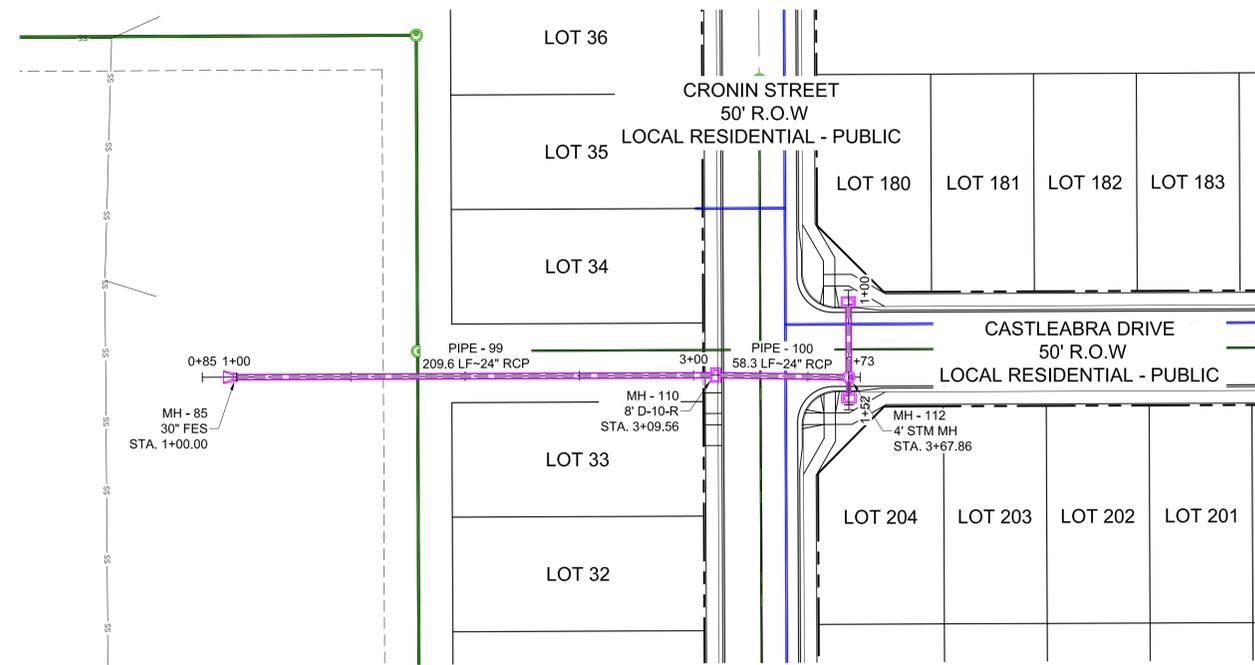
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

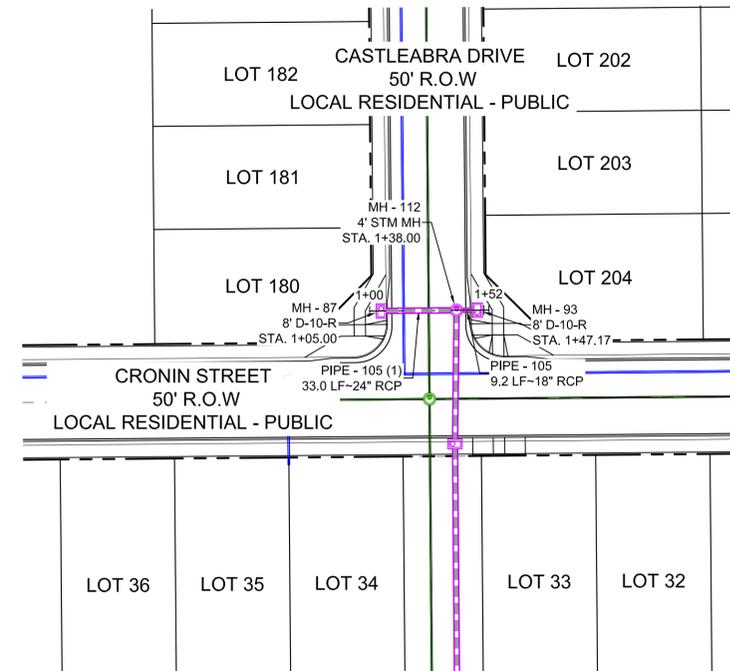
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
STORM 02 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SD06
CHECKED BY: JAO	VERT. 1"=8'	SHEET 37 OF 78	



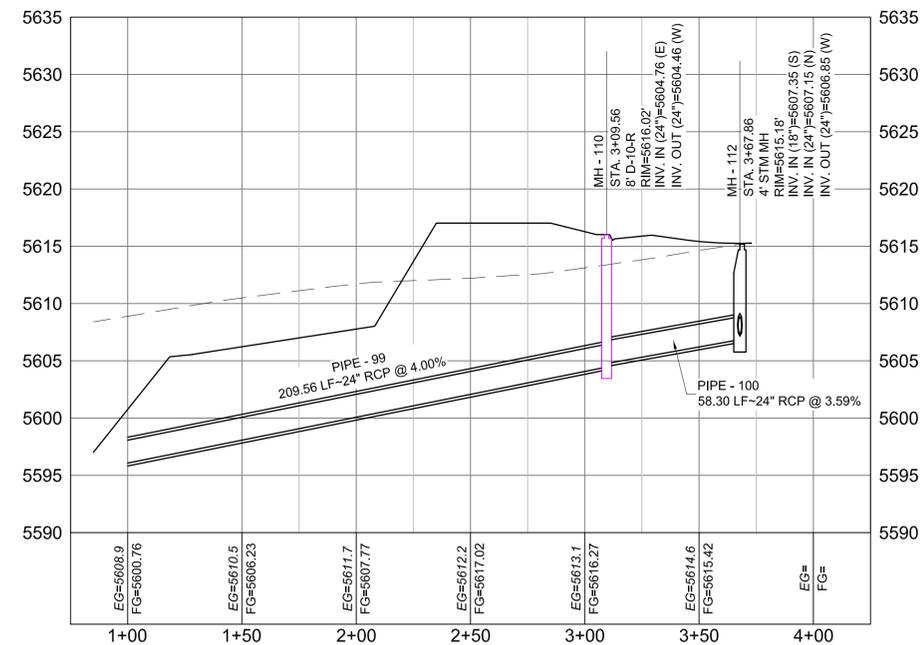
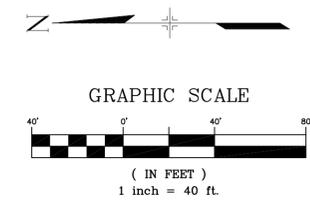
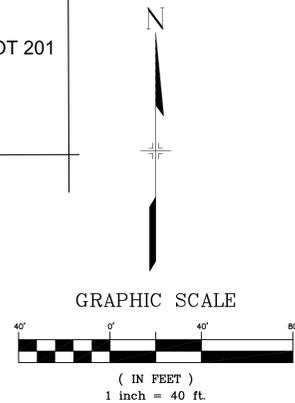
Know what's below.
Call before you dig.



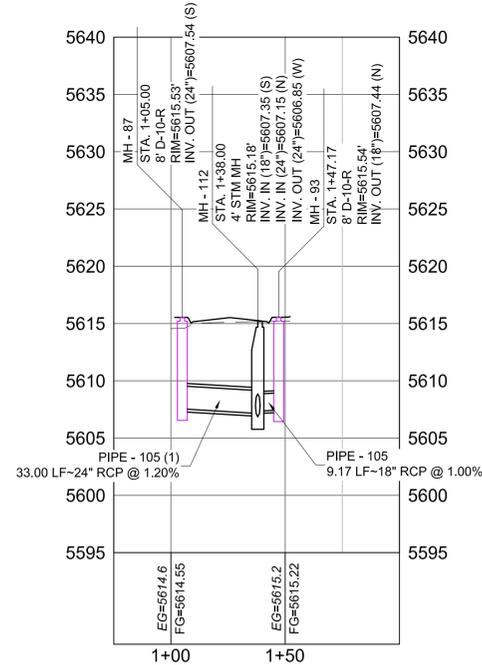
STORM DRAIN 05 PLAN



STORM DRAIN 07 PLAN



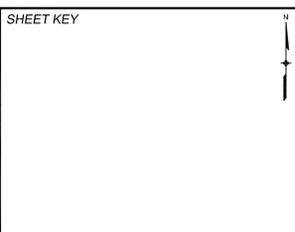
STORM DRAIN 05 PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+75.00, END STA: 4+25.00



STORM DRAIN 07 PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+75.00, END STA: 2+00.00

30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-888-EX-BASE-MATRIX	###	###	###	###	###
X-888-PR-SITE PLAN	###	###	###	###	###
SD01	###	###	###	###	###
X-888-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD\S\STORMSD6.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:43:55 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					



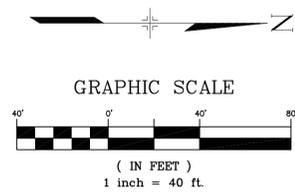
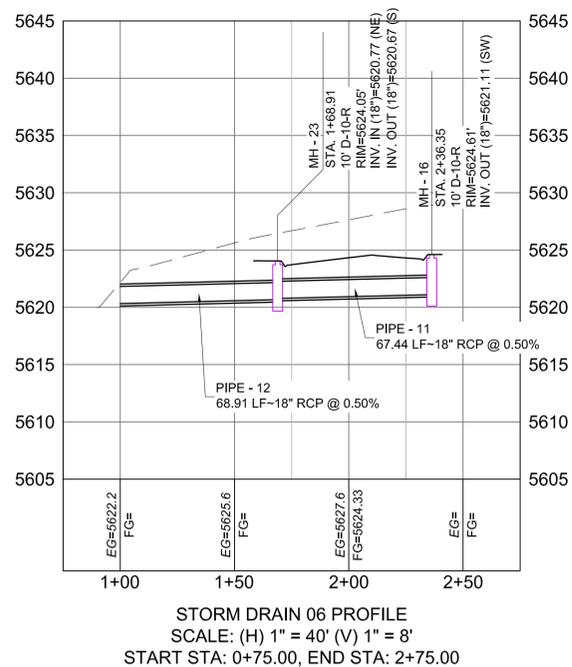
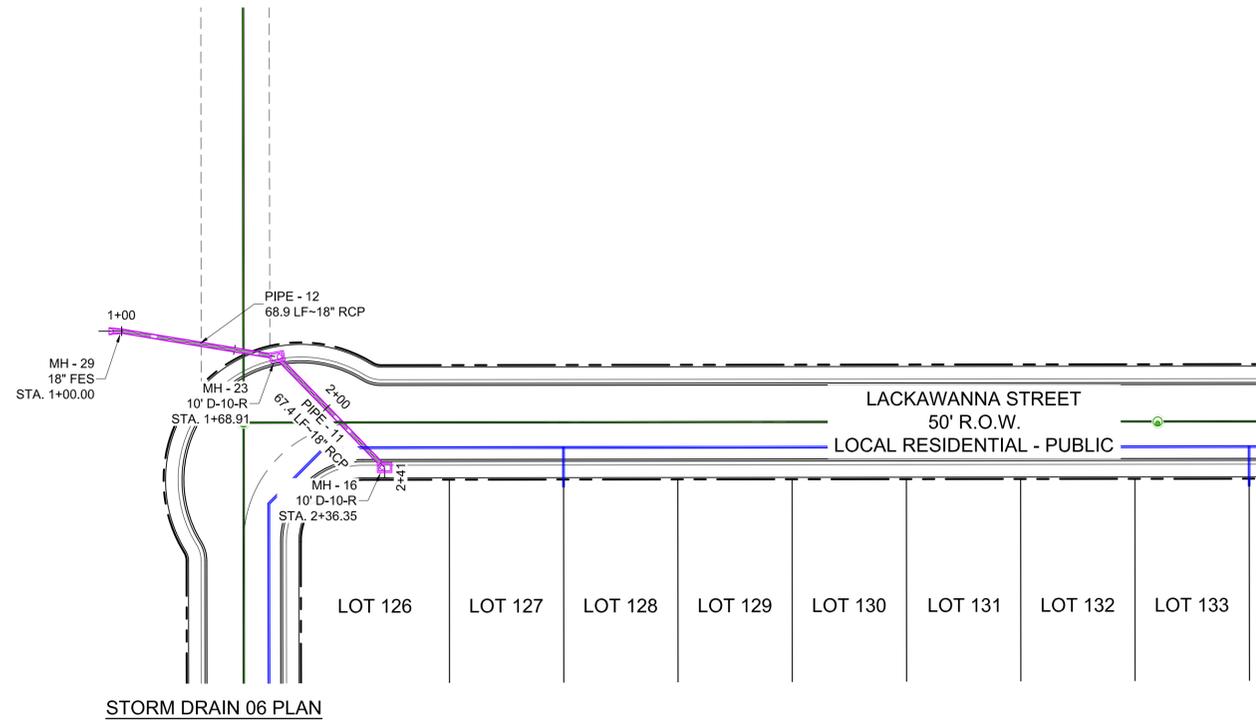
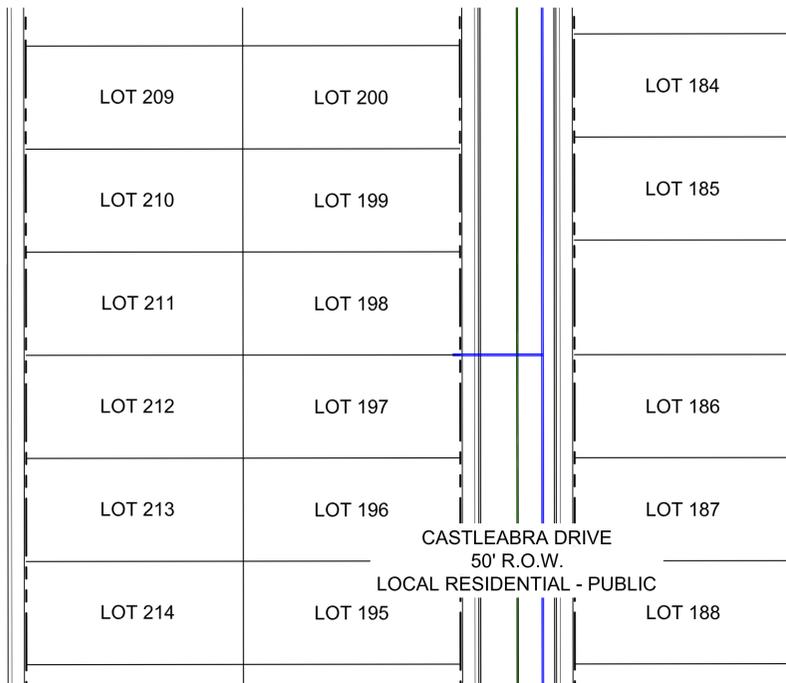
PREPARED BY:

SEAL
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
STORM 05 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SD08
CHECKED BY: JAO	VERT. 1"=8'	SHEET 39 OF 78	



Know what's below.
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30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SD01	###	###	###	###	
	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\STORMSD7.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:44:59 PM					
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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

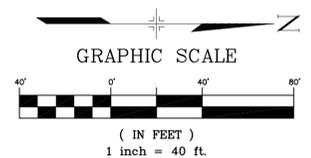
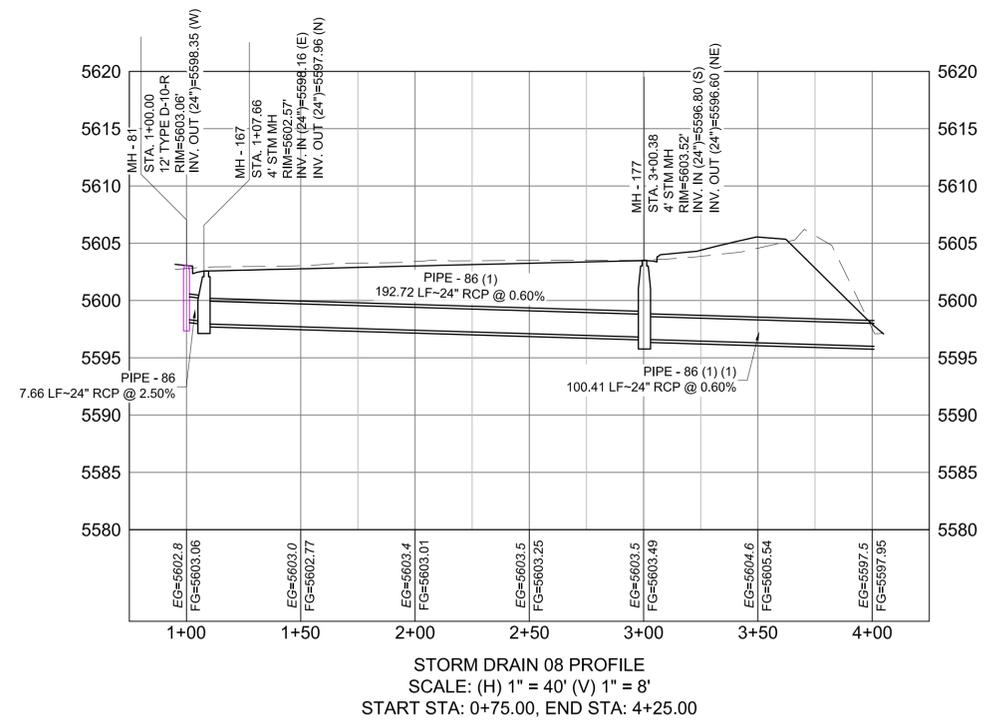
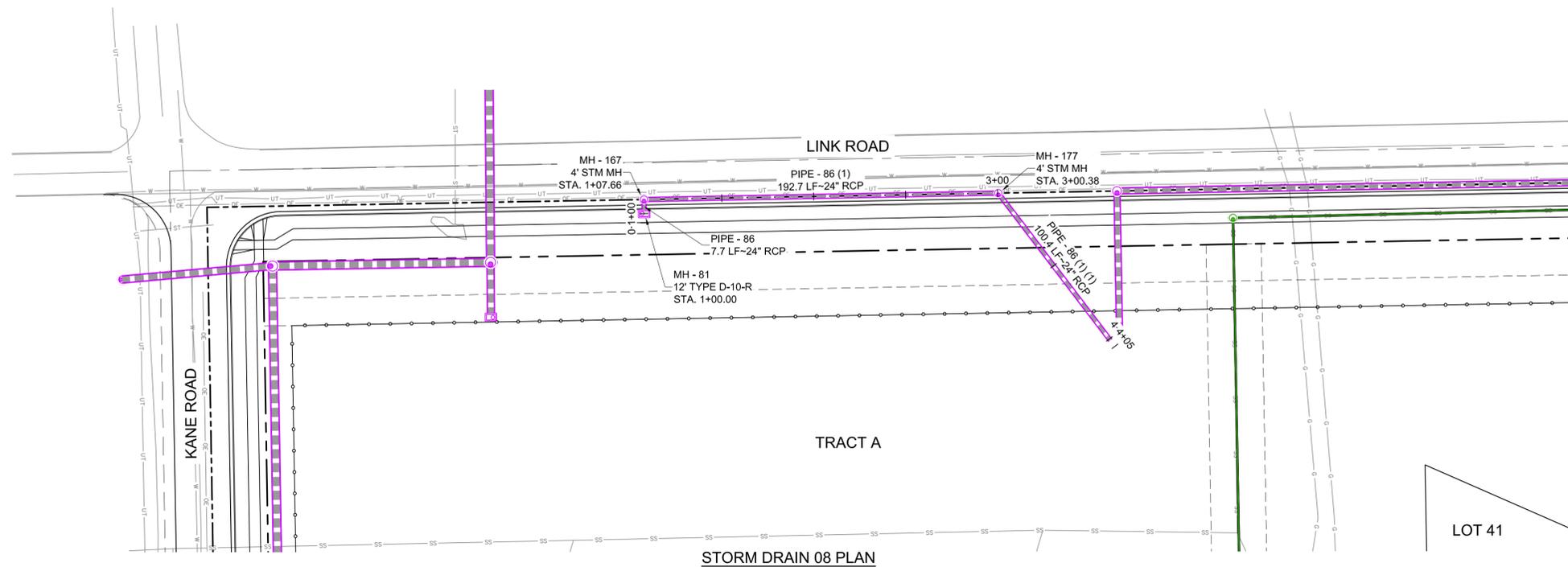
CONSTRUCTION DOCUMENTS

STORM 06 PLAN AND PROFILE

DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SD09
CHECKED BY: JAO	VERT. 1"=8'	SHEET 40 OF 78	



Know what's below.
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30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SD01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
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FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD\S\STORMSD9.dwg					
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THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

SEAL

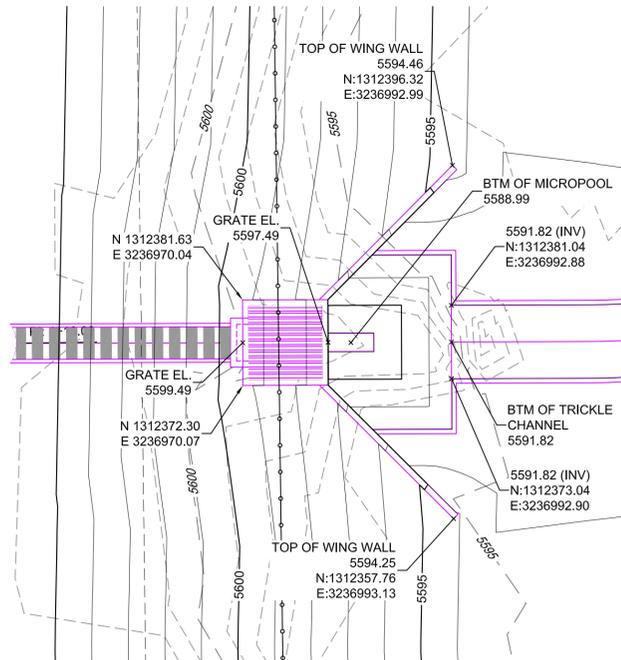
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

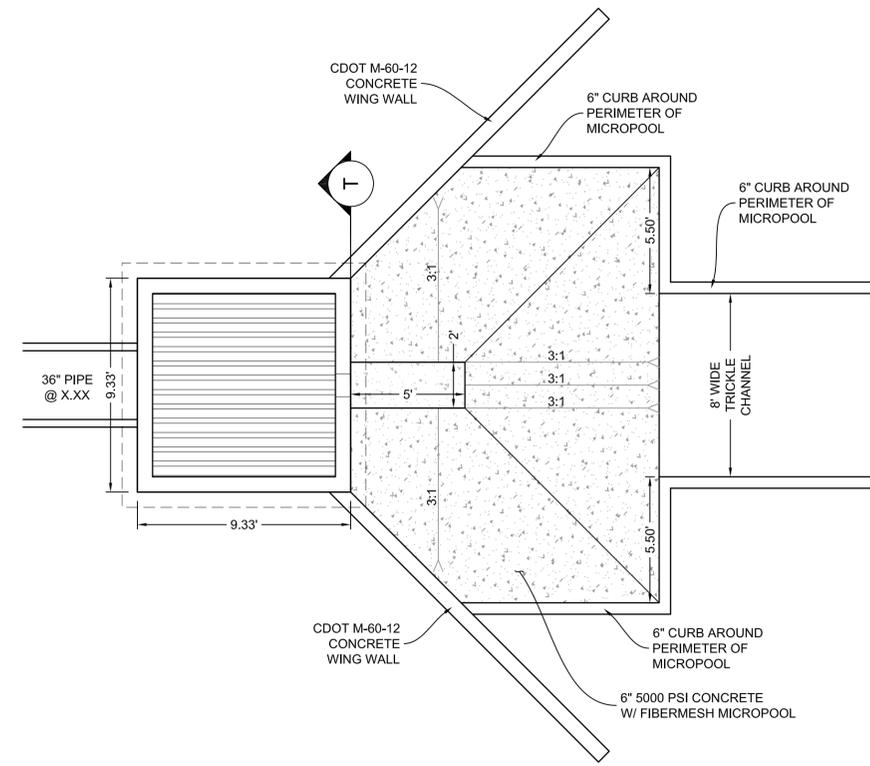
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
STORM 08 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SD10
CHECKED BY: JAO	VERT. 1"=8'	SHEET 41 OF 78	



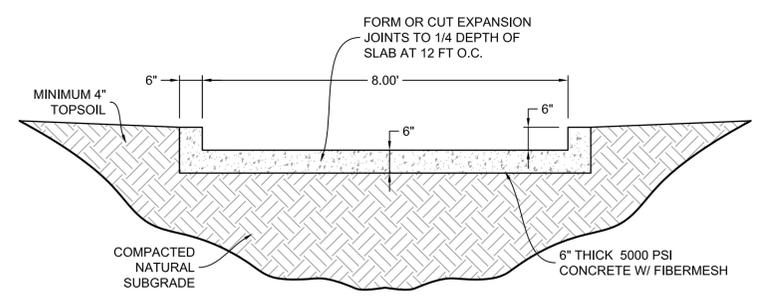
Know what's below.
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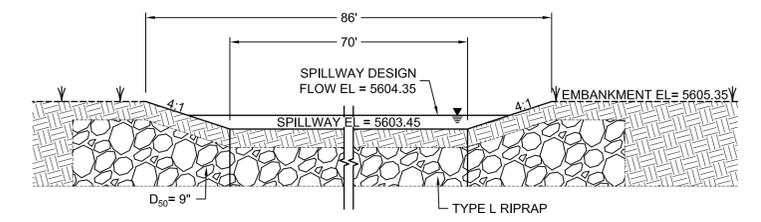
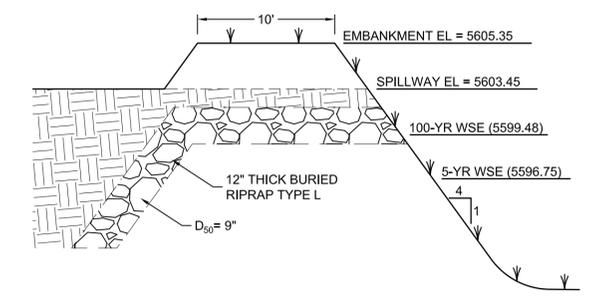
MICROPOOL
HORIZ: 1" = 10'



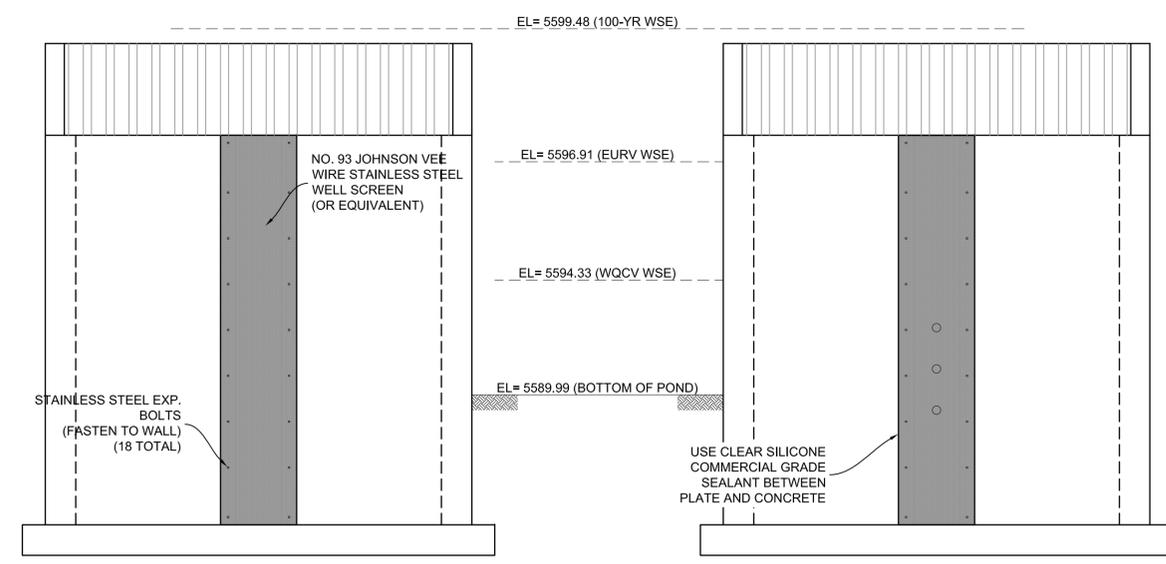
OUTLET STRUCTURE DETAILS
SCALE: 1" = 4'



DETENTION BASIN TRICKLE CHANNEL
SCALE: 1" = 2'



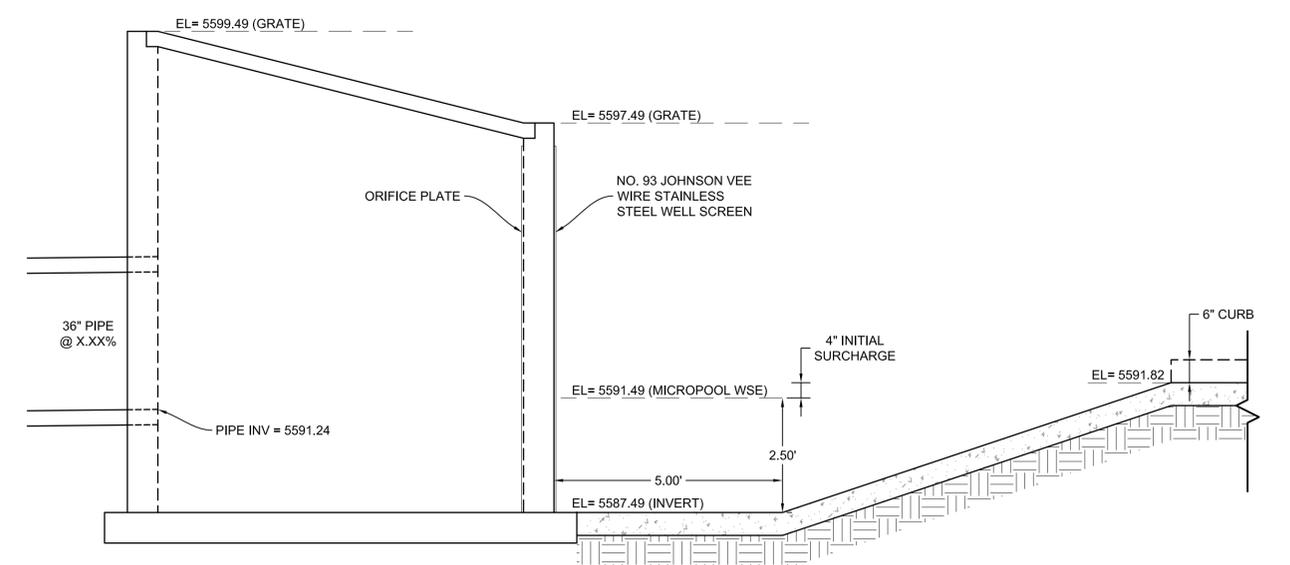
SPILLWAY DETAILS
NTS



FOREBAY 1 WALL PROFILE
HORIZ: 1" = 2'

FOREBAY 1 WALL PROFILE
HORIZ: 1" = 2'

SECTION T
SECTION AT WELLSCREEN



MICROPOOL - CL PROFILE
HORIZ: 1" = 2'

30% PLANS

REFERENCE DRAWINGS	NO.	DATE	DESCRIPTION REVISIONS	BY
X-886-EX-BASE-MATRIX	###	###	###	###
X-886-EX-UTIL-MATRIX	###	###	###	###
X-886-PR-SITE PLAN	###	###	###	###
D-886-PR-STORM	###	###	###	###
X-Title-W	###	###	###	###

COMPUTER FILE MANAGEMENT

FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\DF01.dwg

CTB FILE: ---

PLOT DATE: March 12, 2020 12:47:30 PM

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SHEET KEY
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###
###
###
###



PREPARED BY:

Matrix

SEAL

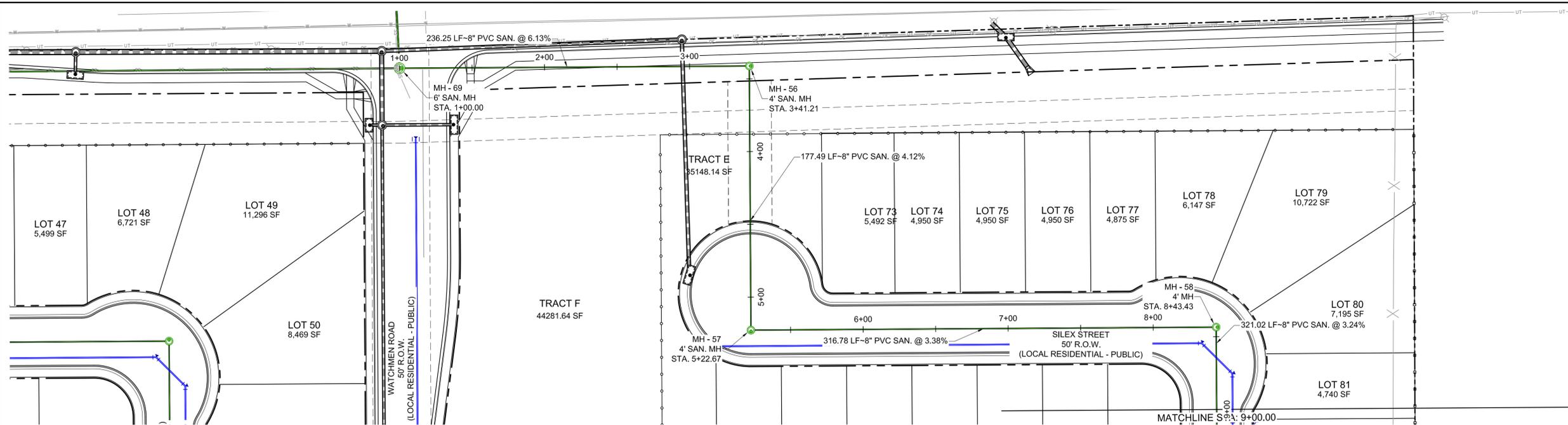
PRELIMINARY

THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

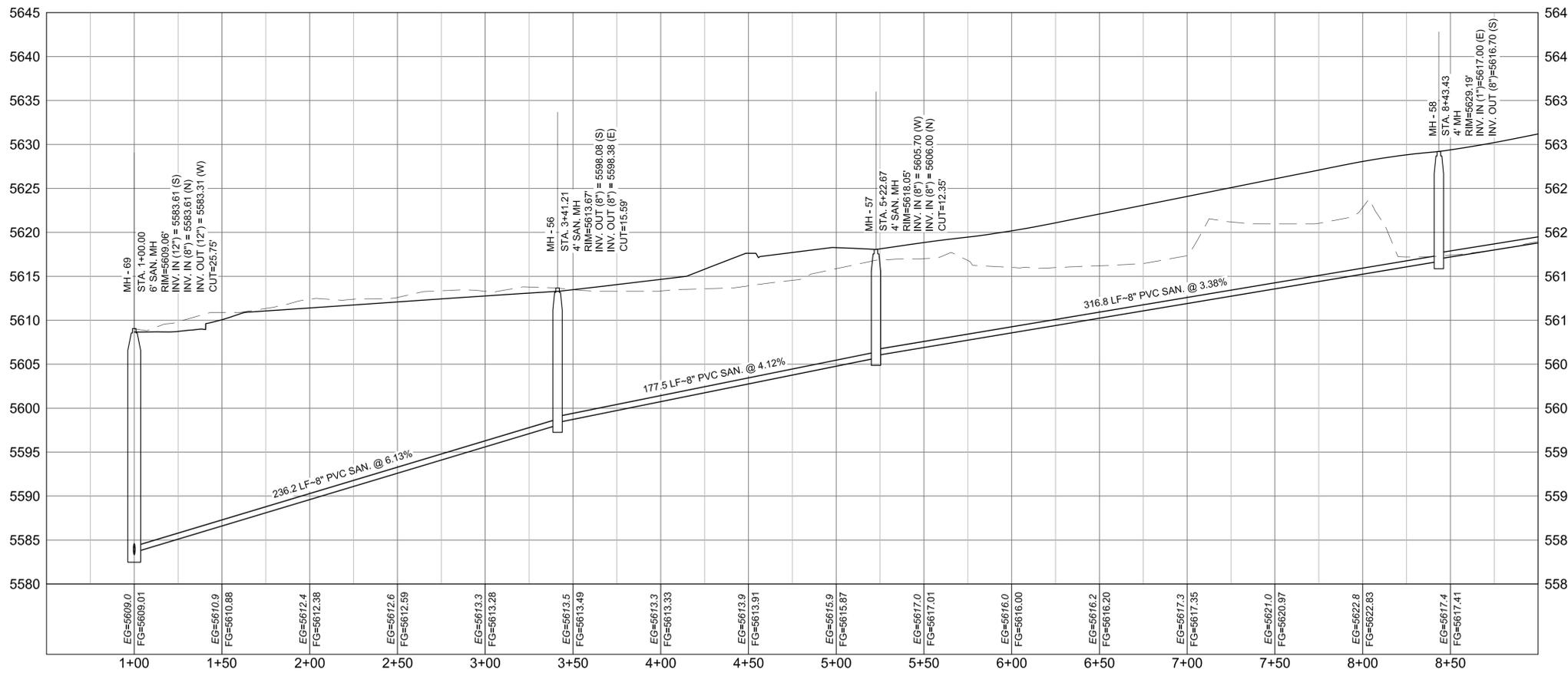
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
DETENTION POND PLANS			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. DF02
DRAWN BY: CRD	HORIZ: 1"=40'	SHEET 44 OF 78	
CHECKED BY: JAO	VERT: N/A		



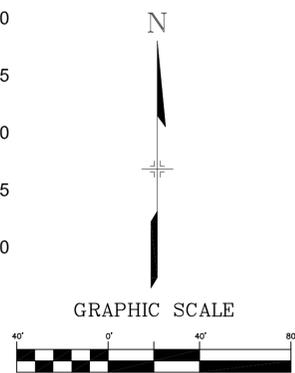
Know what's below.
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SILEX STREET PLAN



SILEX STREET PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+50.00, END STA: 9+00.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	###
X-Title-W	###	###	###	###	###
X-886-EX-BASE-MATRIX	###	###	###	###	###
X-886-PR-SITE PLAN	###	###	###	###	###
SS00	###	###	###	###	###
X-886-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION	BY	BY	BY
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME:	S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS01.dwg				
CTB FILE:	---				
PLOT DATE:	March 12, 2020 12:48:18 PM				
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

SHEET KEY

PREPARED BY:

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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

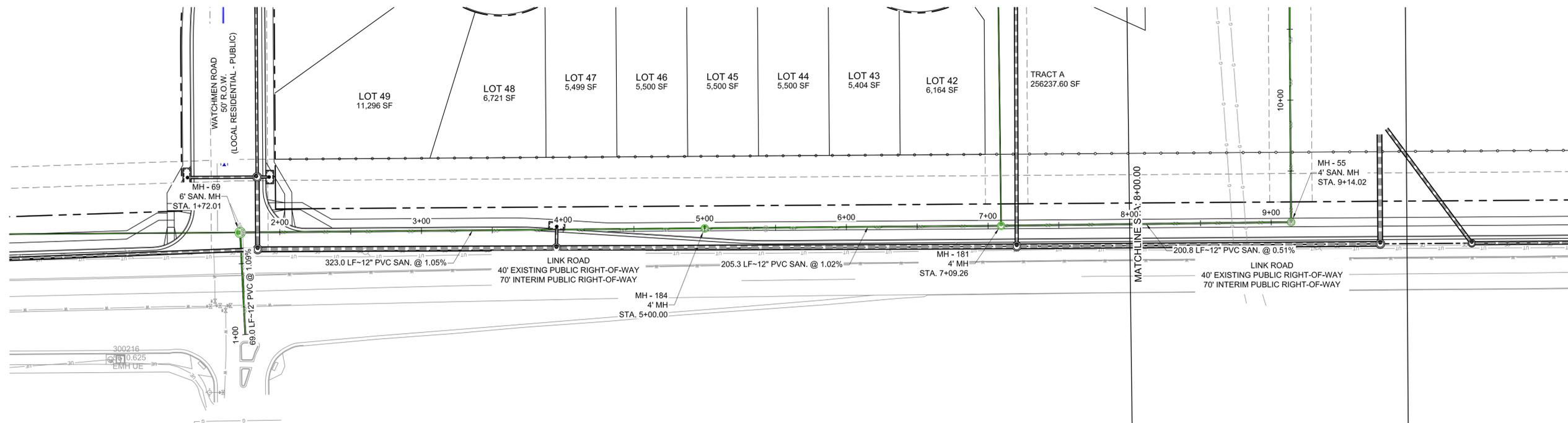
CONSTRUCTION DOCUMENTS

SANITARY 01 PLAN AND PROFILE

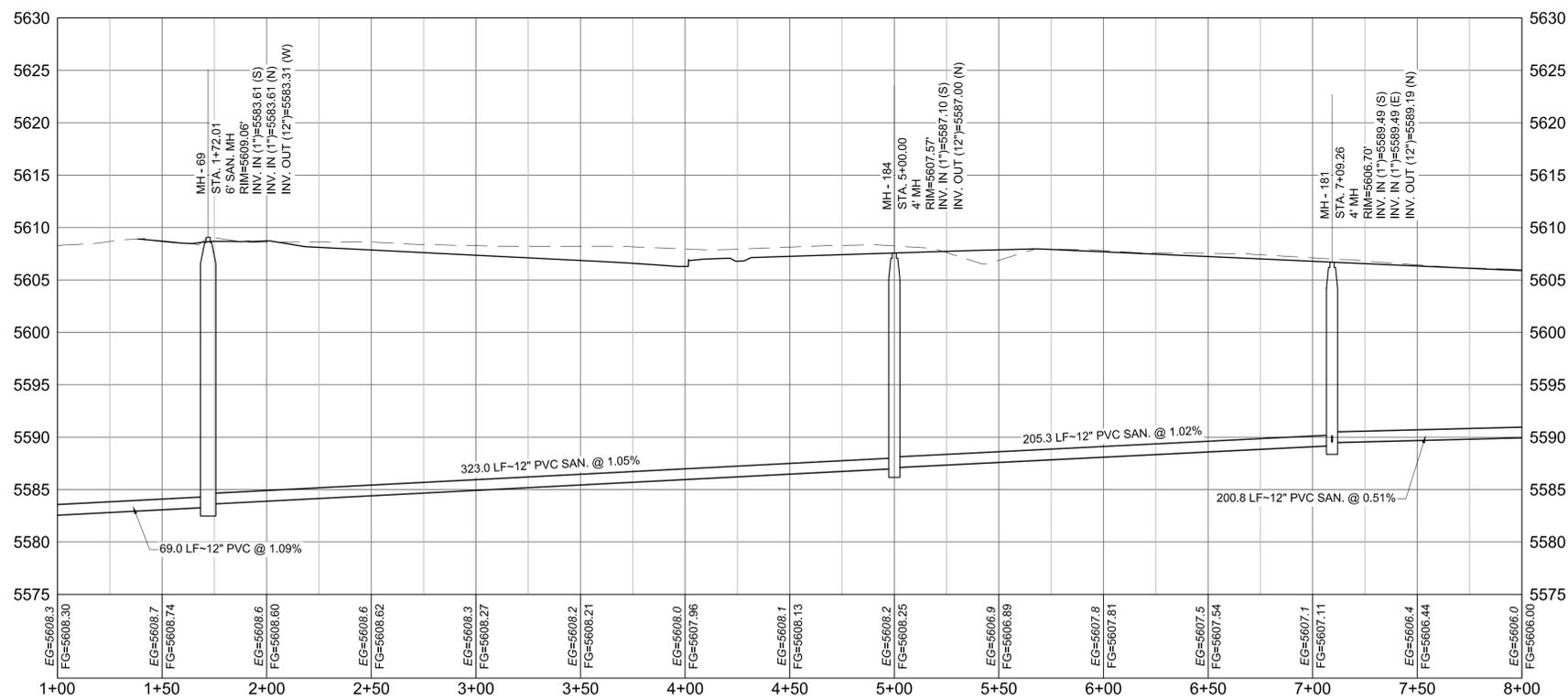
DESIGNED BY:	CRD	SCALE:	DATE ISSUED:	3/12/2020	DRAWING No.
DRAWN BY:	CRD	HORIZ 1"=40'	SHEET	45 OF 78	SS01
CHECKED BY:	JAO	VERT. 1"=8'			



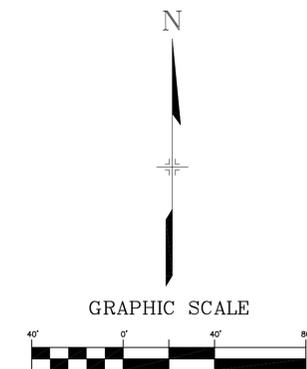
Know what's below.
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LINK ROAD PLAN



LINK ROAD PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 1+00.00, END STA: 8+00.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SS00	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS02.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:49:12 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

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PROJECT No. 19.886.023

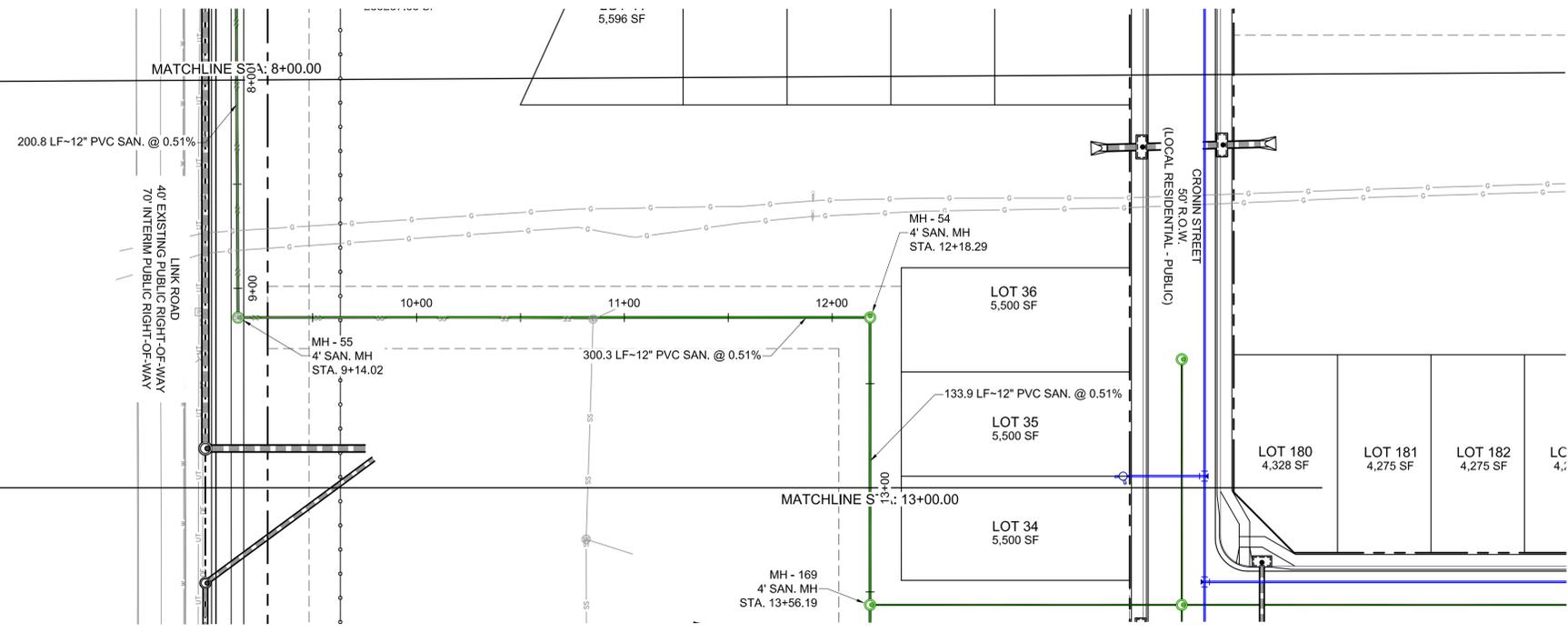
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PRELIMINARY
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GOVERNING AGENCIES AND
IS SUBJECT TO CHANGE

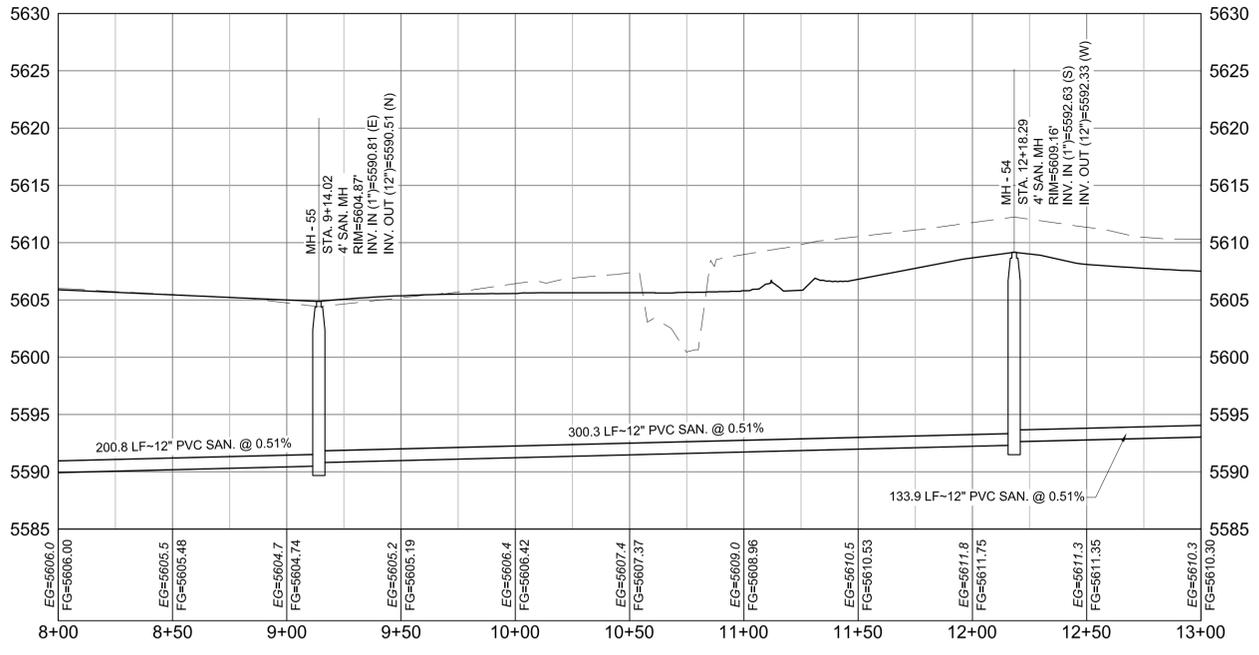
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
SANITARY 02 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS03
CHECKED BY: JAO	VERT. 1"=8'	SHEET 47 OF 78	



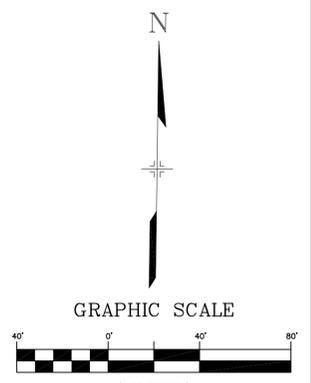
Know what's below.
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SANITARY 02 PLAN



Alignment - (PR-SANITARY) - (02) PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 8+00.00, END STA: 13+00.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-886-EX-BASE-MATRIX	###	###	###	###	
X-886-PR-SITE-PLAN	###	###	###	###	
SS00	###	###	###	###	
X-886-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS02.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:49:18 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

Matrix

SEAL

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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

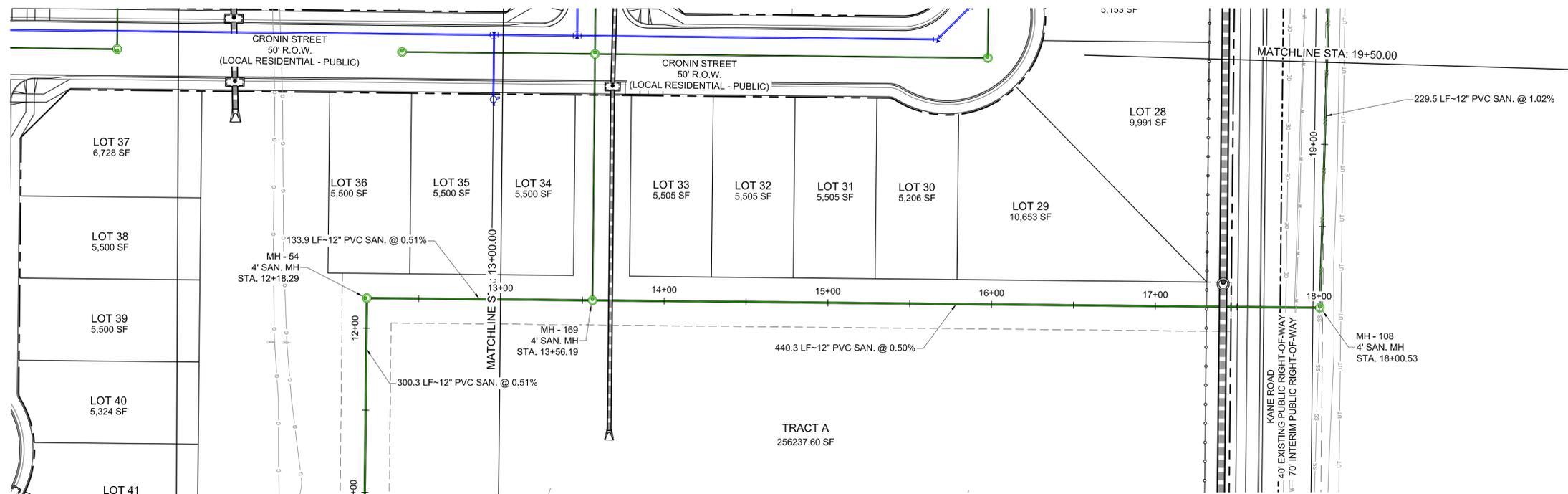
CONSTRUCTION DOCUMENTS

SANITARY 02 PLAN AND PROFILE

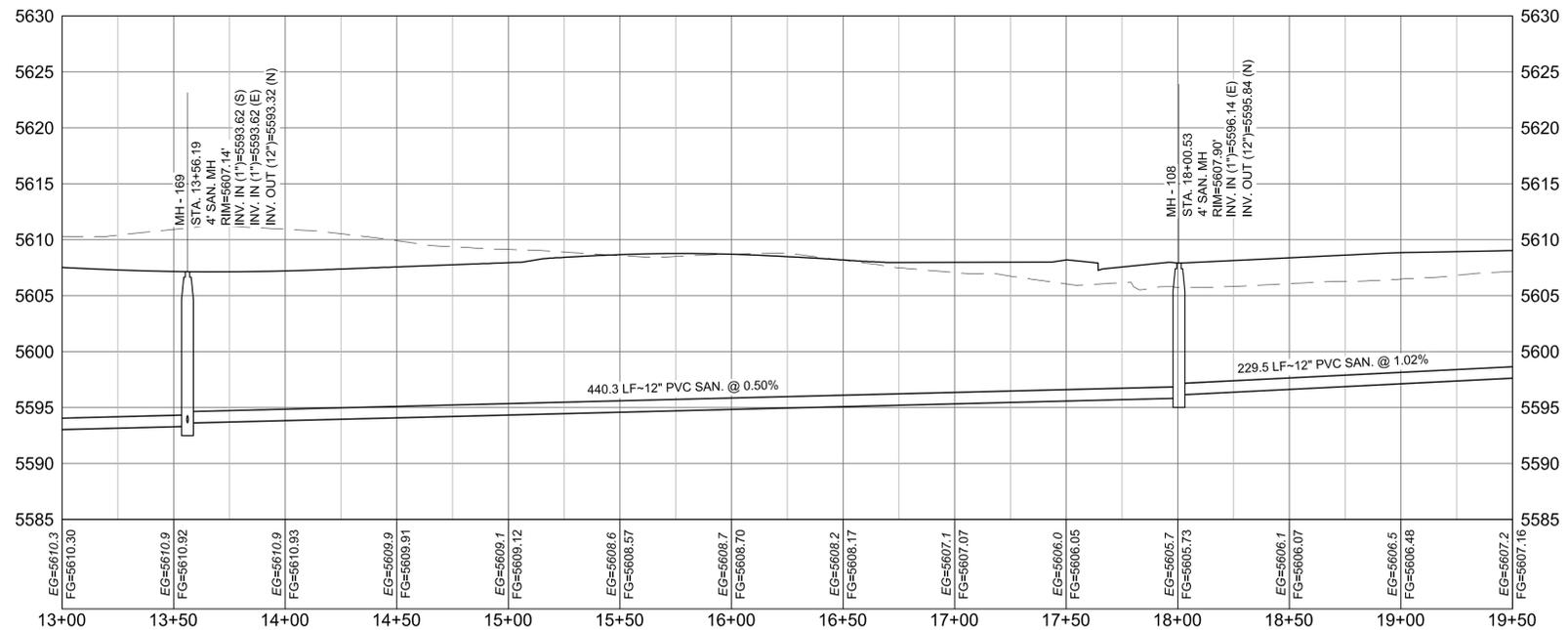
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS04
CHECKED BY: JAO	HORIZ 1"=40'	SHEET 48 OF 78	
	VERT. 1"=8'		



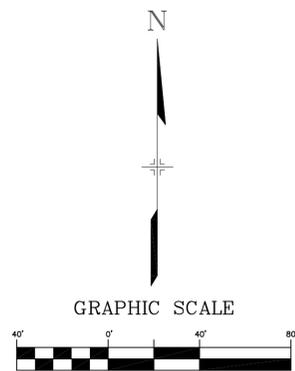
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SANITARY 02 PLAN



Alignment - (PR-SANITARY) - (02) PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 13+00.00, END STA: 19+50.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-886-EX-BASE-MATRIX	###	###	###	###	###
X-886-PR-SITE PLAN	###	###	###	###	###
SS00	###	###	###	###	###
X-886-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS02.dwg					
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Matrix

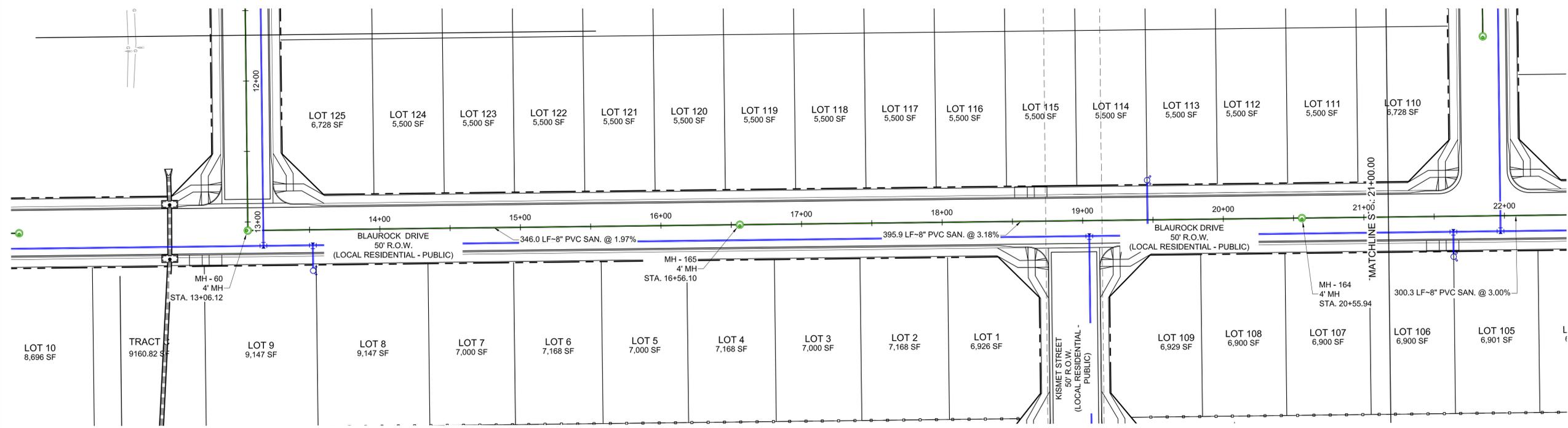
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PRELIMINARY
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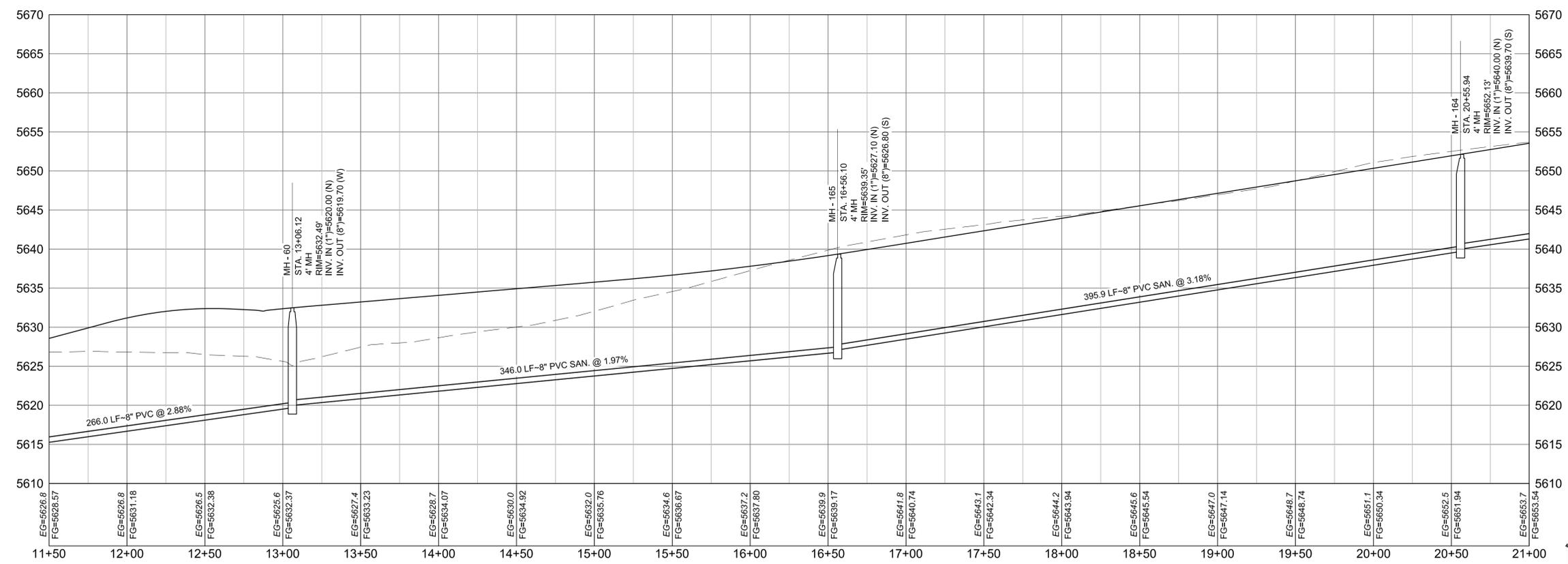
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
SANITARY 02 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS05
CHECKED BY: JAO	VERT. 1"=8'	SHEET 49 OF 78	



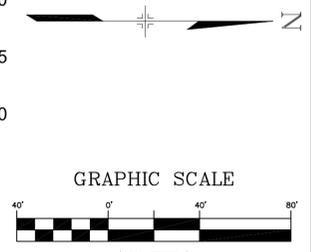
Know what's below.
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BLAUROCK DRIVE PLAN



BLAUROCK DRIVE PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 11+50.00, END STA: 21+00.00



30% PLANS

REFERENCE DRAWINGS	NO.	DATE	DESCRIPTION	BY
X-Title-W				
X-886-EX-BASE-MATRIX				
X-886-PR-SITE PLAN				
SS00				
X-886-EX-UTIL-MATRIX				

NO.	DATE	DESCRIPTION	BY

COMPUTER FILE MANAGEMENT	
FILE NAME:	S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS03.dwg
CTB FILE:	---
PLOT DATE:	March 12, 2020 12:50:25 PM
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SHEET KEY

PREPARED BY:

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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

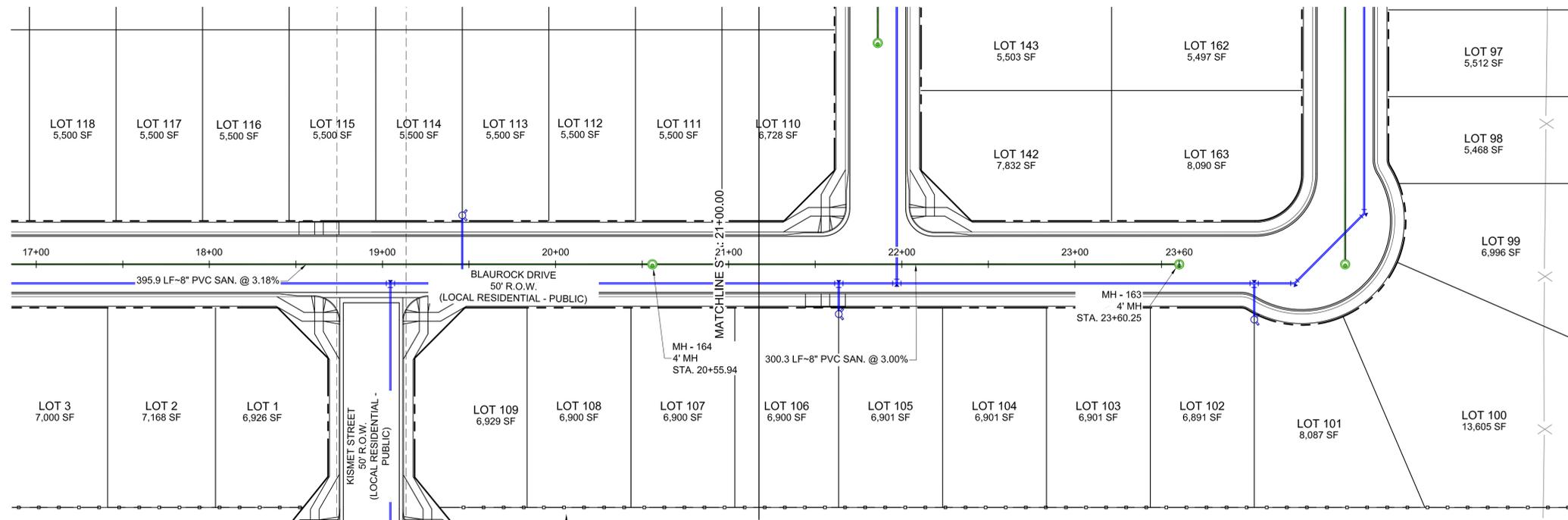
CONSTRUCTION DOCUMENTS

SANITARY 03 PLAN AND PROFILE

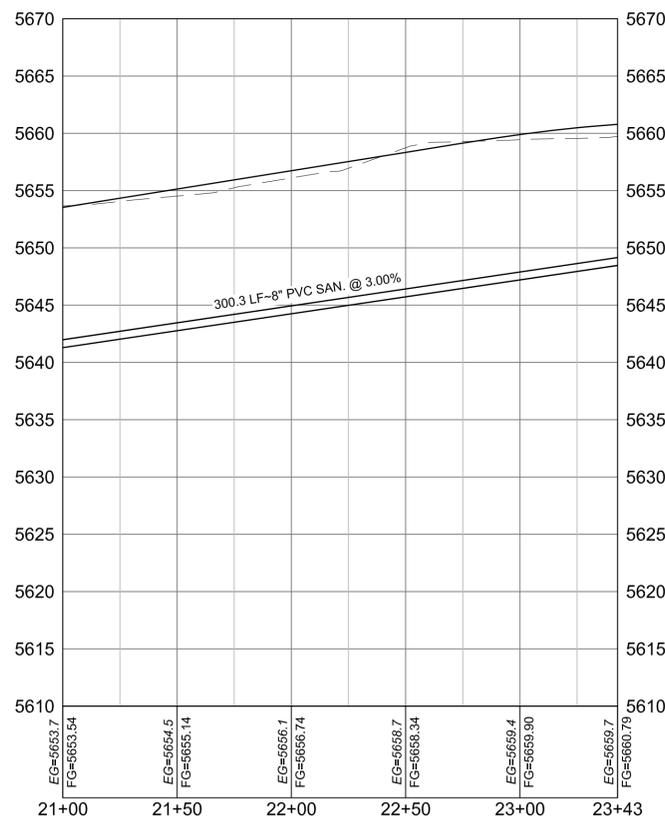
DESIGNED BY:	CRD	SCALE:	DATE ISSUED:	DRAWING No.
CHECKED BY:	JAO	HORIZ: 1"=40'	3/12/2020	SS08
		VERT: 1"=8'	SHEET	52 OF 78



Know what's below.
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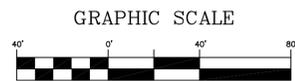


BLAUROCK DRIVE PLAN



BLAUROCK DRIVE PROFILE

SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 21+00.00, END STA: 23+42.75



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SS00	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS03.dwg					
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PLOT DATE: March 12, 2020 12:50:31 PM					
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SEAL

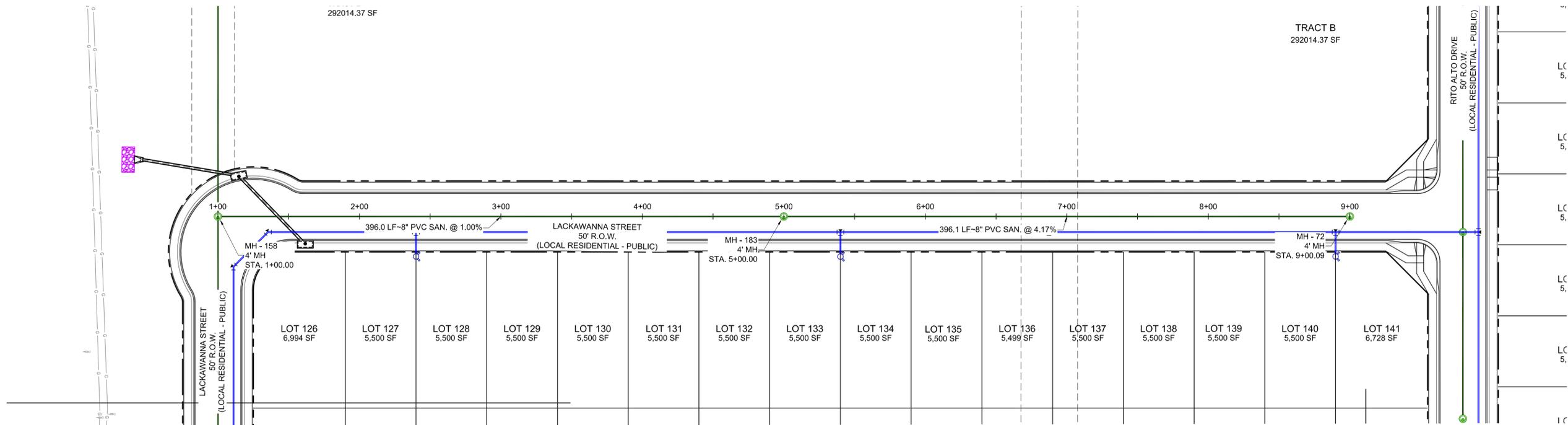
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MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

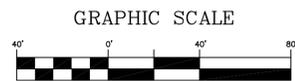
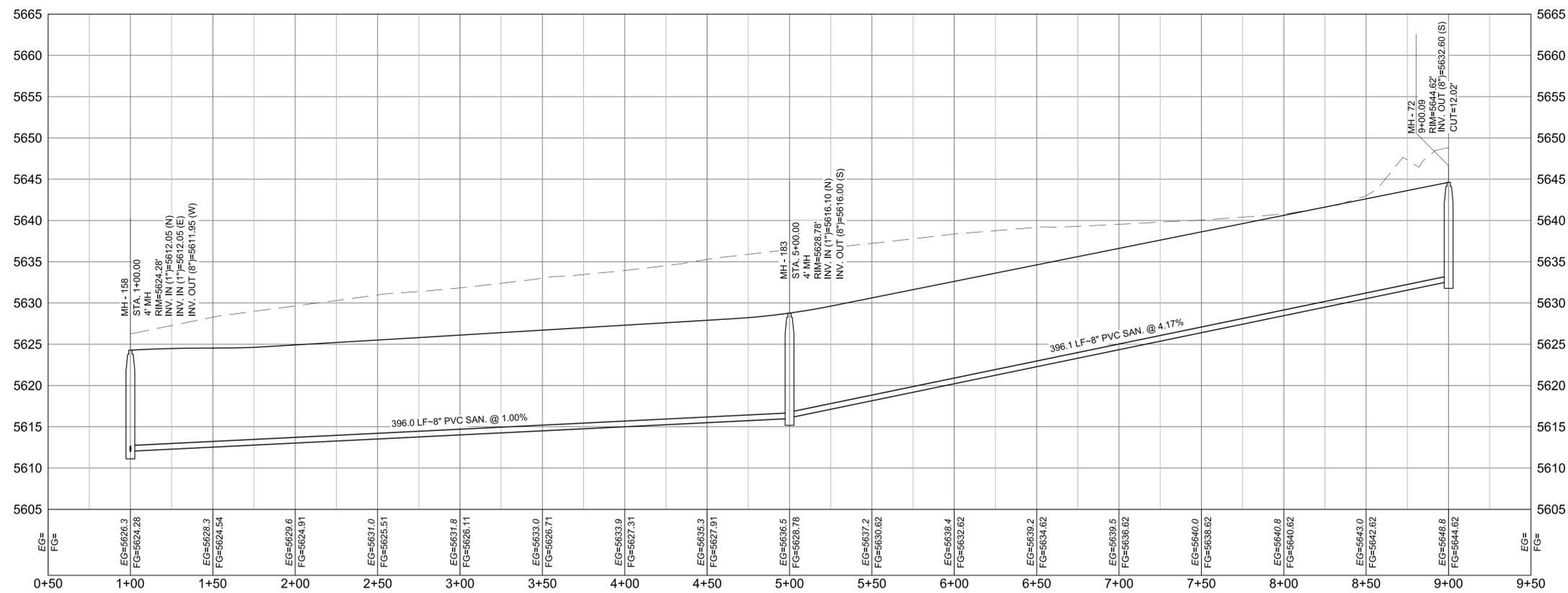
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
SANITARY 03 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS09
CHECKED BY: JAO	VERT. 1"=8'	SHEET 53 OF 78	



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LACKAWANNA STREET PLAN



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SS00	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS07.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:53:33 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

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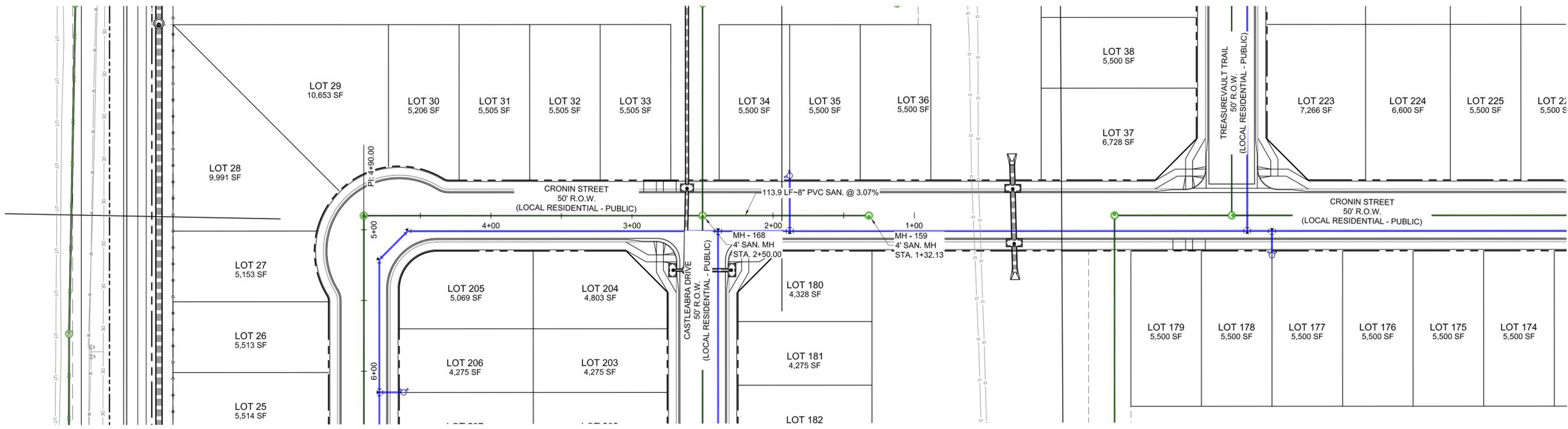
SEAL

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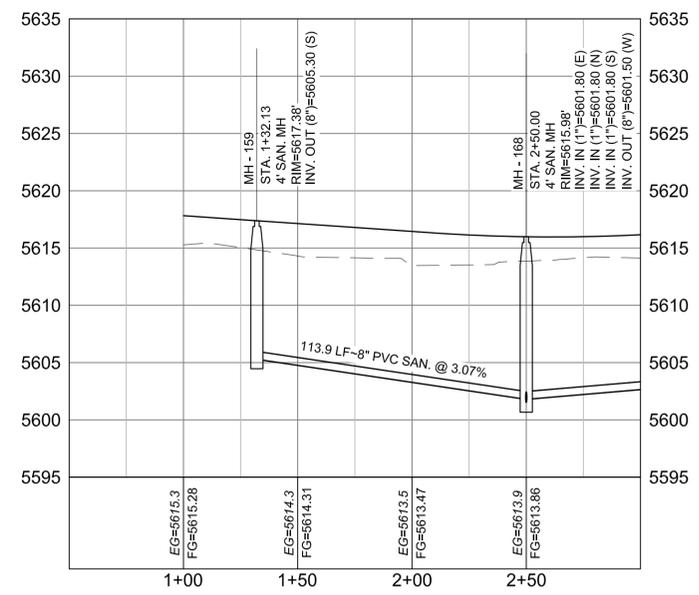
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CONSTRUCTION DOCUMENTS			
SANITARY 07 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS13
CHECKED BY: JAO	VERT. 1"=8'	SHEET 57 OF 78	



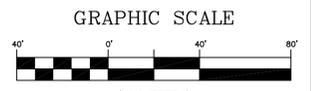
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CRONIN STREET PLAN



CRONIN STREET PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+50.00, END STA: 3+00.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-886-EX-BASE-MATRIX	###	###	###	###	###
X-886-PR-SITE PLAN	###	###	###	###	###
SS00	###	###	###	###	###
X-886-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
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FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS09.dwg					
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PLOT DATE: March 12, 2020 12:55:08 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

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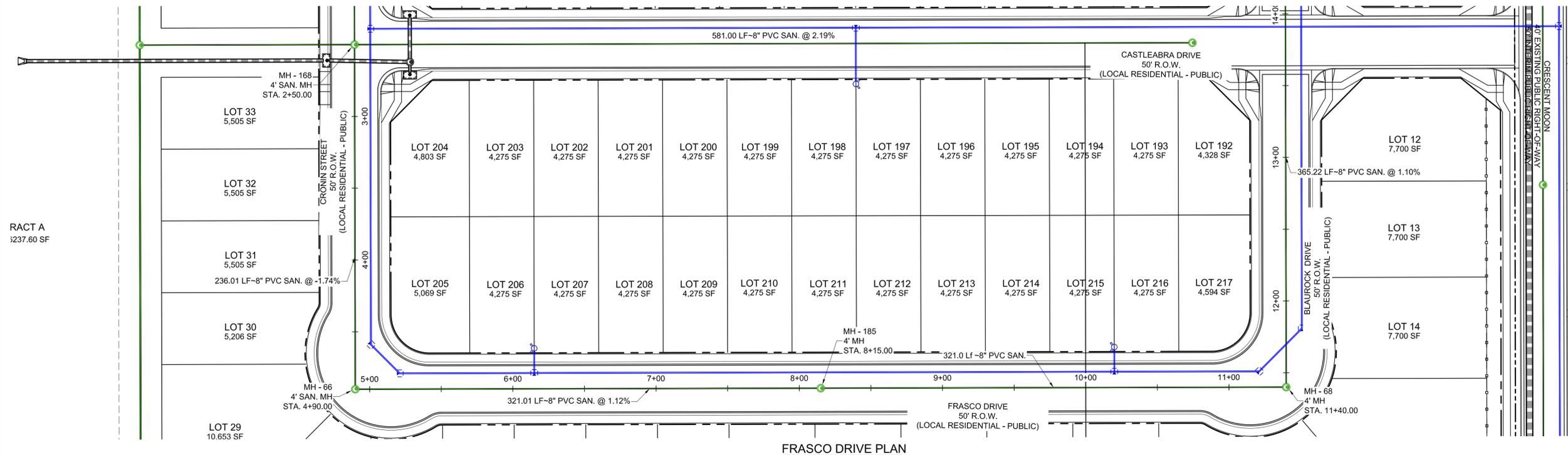
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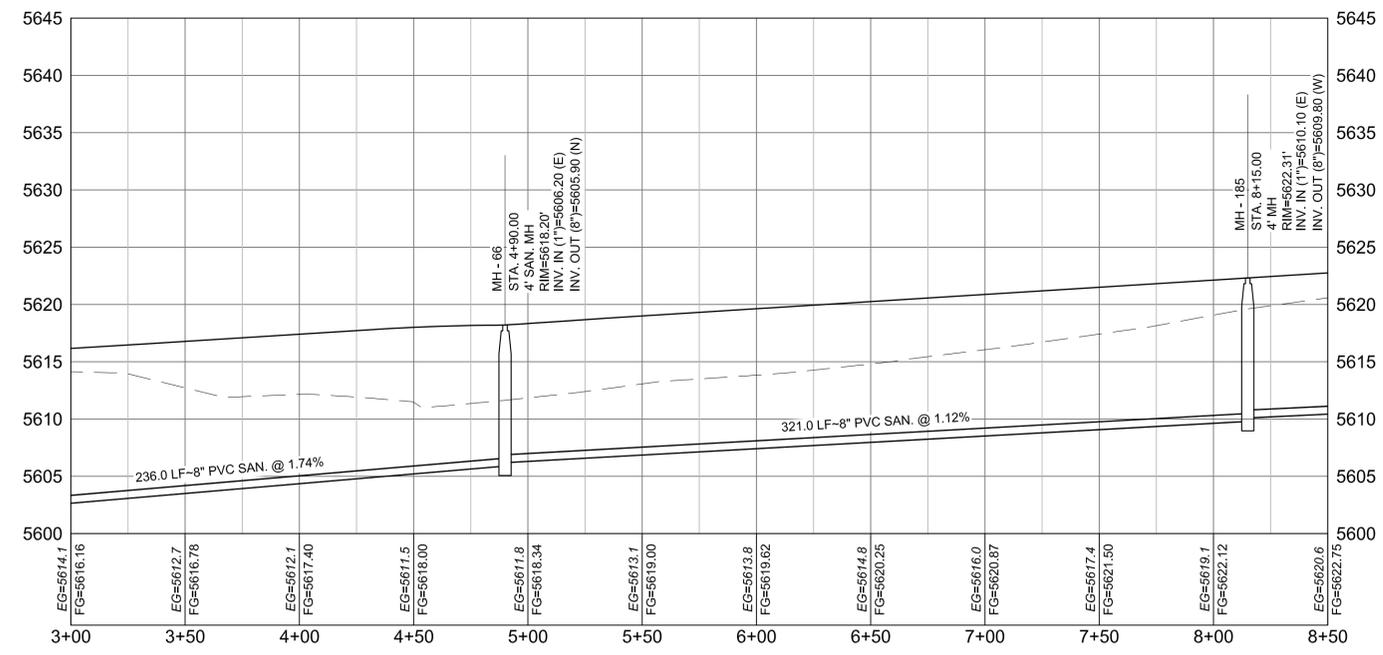
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
SANITARY 09 PLAN AND PROFILE			
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CHECKED BY: JAO	VERT. 1"=8'	SHEET 59 OF 78	



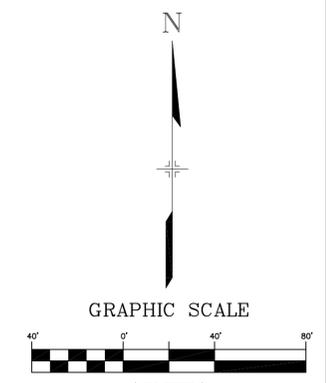
Know what's below.
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FRASCO DRIVE PLAN



FRASCO DRIVE PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 3+00.00, END STA: 8+50.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
SS00	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS10.dwg					
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ASPEN RANCH

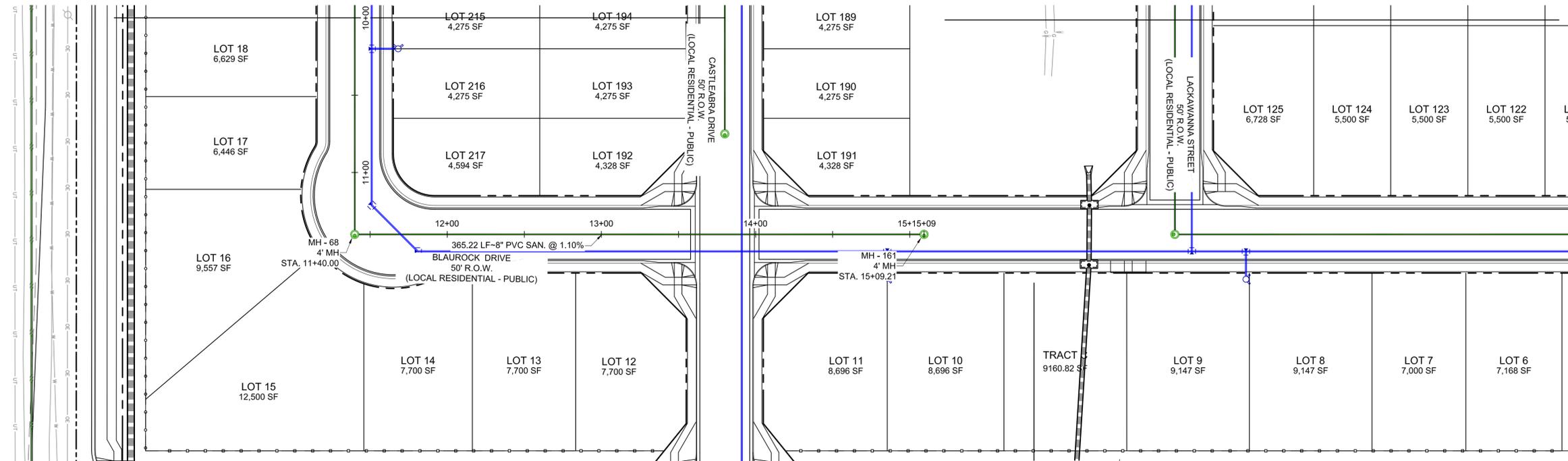
CONSTRUCTION DOCUMENTS

SANITARY 10 PLAN AND PROFILE

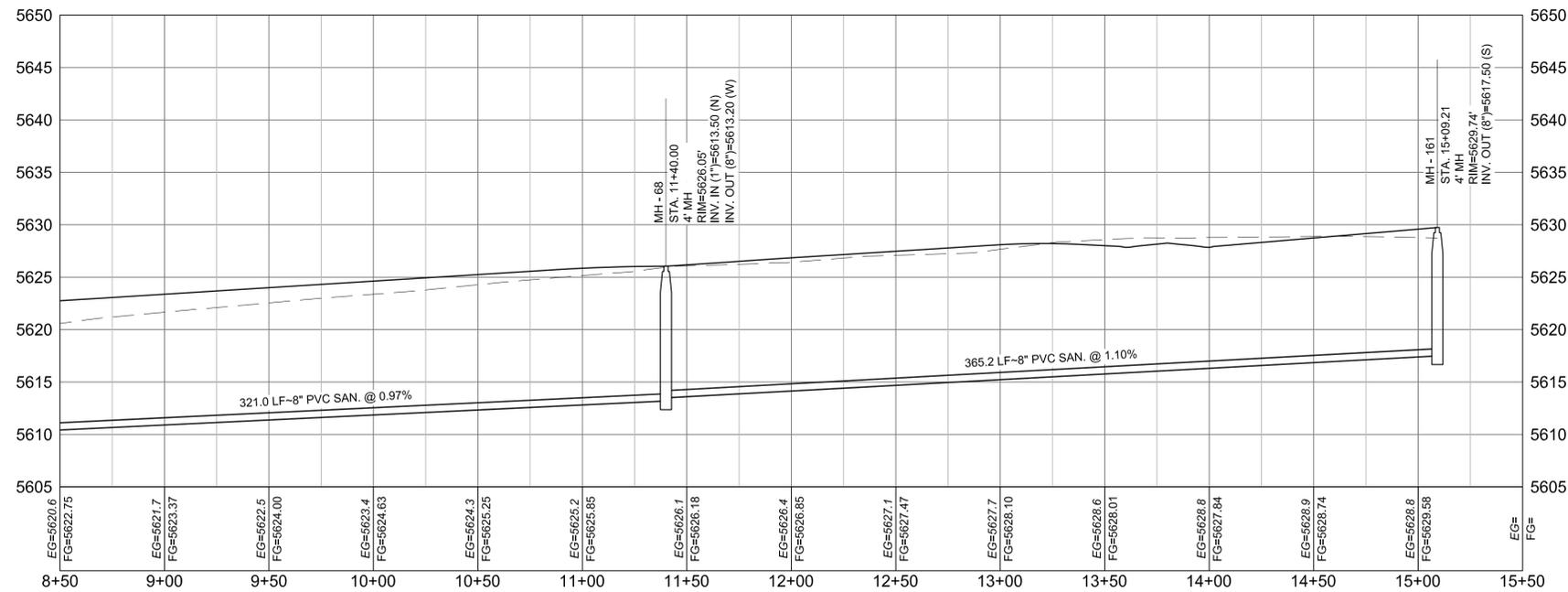
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS16
CHECKED BY: JAO	VERT. 1"=8'	SHEET 60 OF 78	



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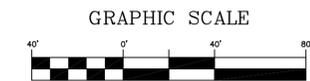


BLAUROCK DRIVE PLAN



BLAUROCK DRIVE PROFILE

SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 8+50.00, END STA: 15+50.00



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-886-EX-BASE-MATRIX	###	###	###	###	###
X-886-PR-SITE PLAN	###	###	###	###	###
SS00	###	###	###	###	###
X-886-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\SANITARY\SS10.dwg					
CTB FILE: ---					
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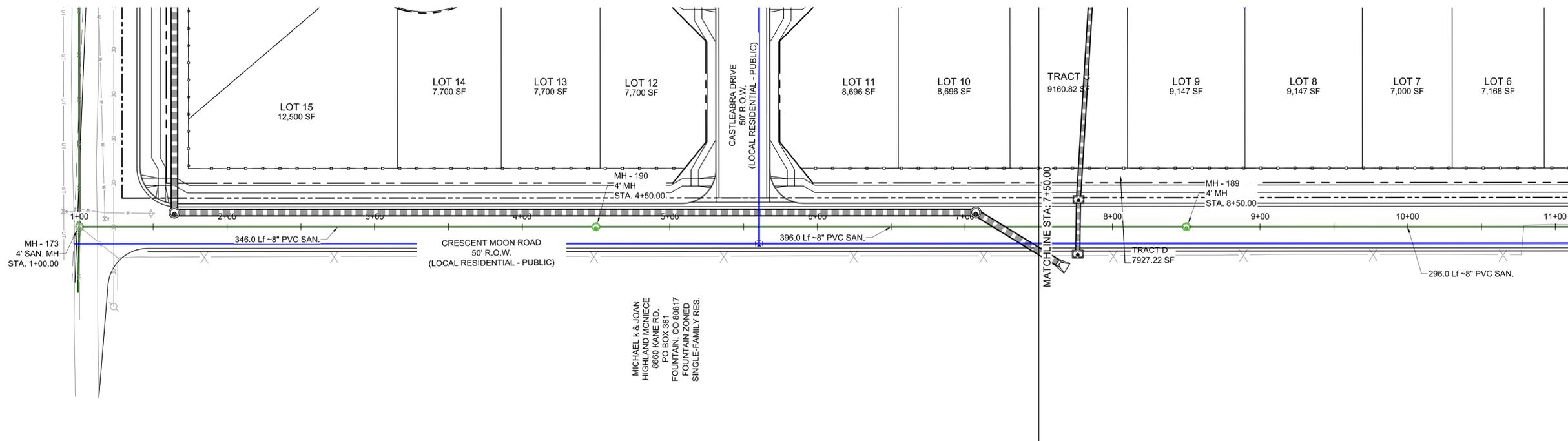
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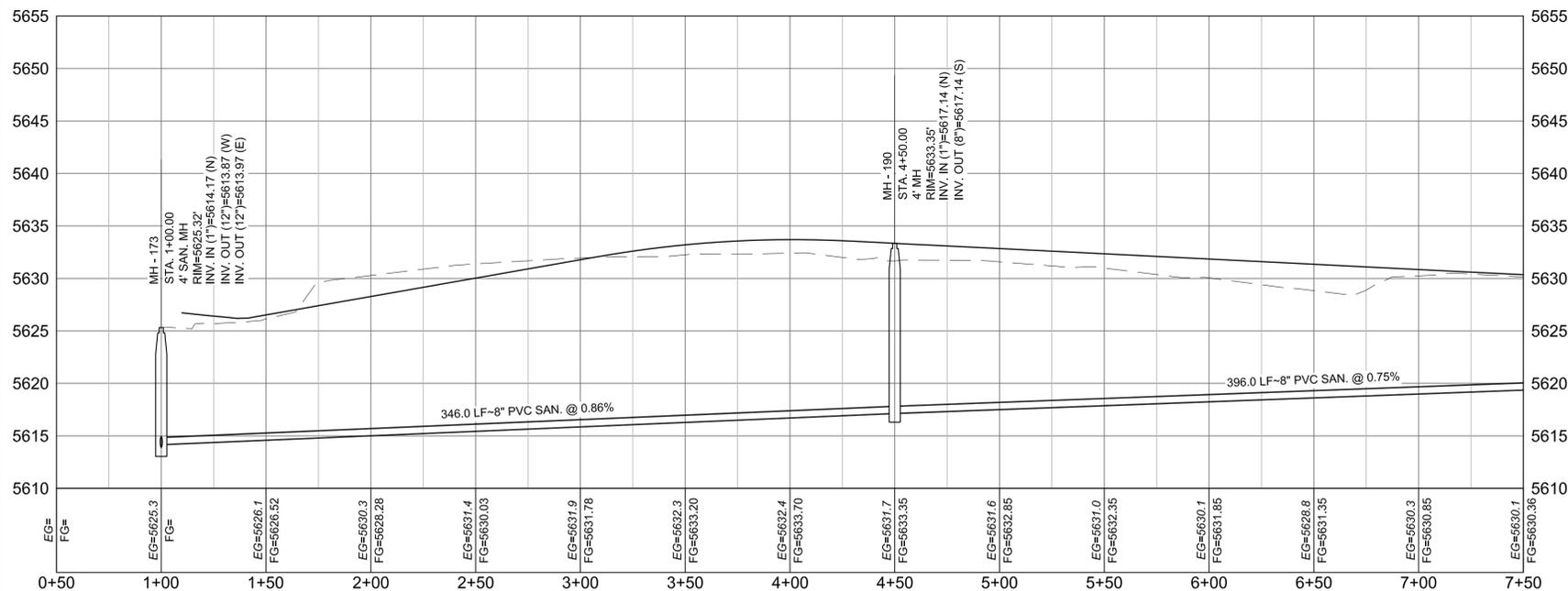
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
SANITARY 10 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS17
CHECKED BY: JAO	VERT. 1"=8'	SHEET 61 OF 78	



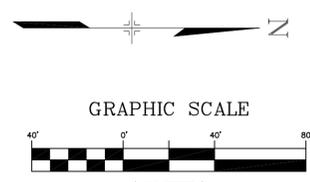
Know what's below.
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CRESCENT MOON ROAD PLAN



CRESCENT MOON ROAD PROFILE
SCALE: (H) 1" = 40' (V) 1" = 8'
START STA: 0+50.00, END STA: 7+50.00



30% PLANS
(IN FEET)
1 inch = 40 ft.

REFERENCE DRAWINGS	NO.	DATE	DESCRIPTION REVISIONS	BY
###	###	###		
X-Title-W				
X-888-EX-BASE-MATRIX				
X-888-PR-SITE PLAN				
SS00				
X-888-EX-UTIL-MATRIX				

COMPUTER FILE MANAGEMENT
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PLOT DATE: March 12, 2020 12:56:54 PM
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NO.	DATE	DESCRIPTION	BY
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SHEET KEY

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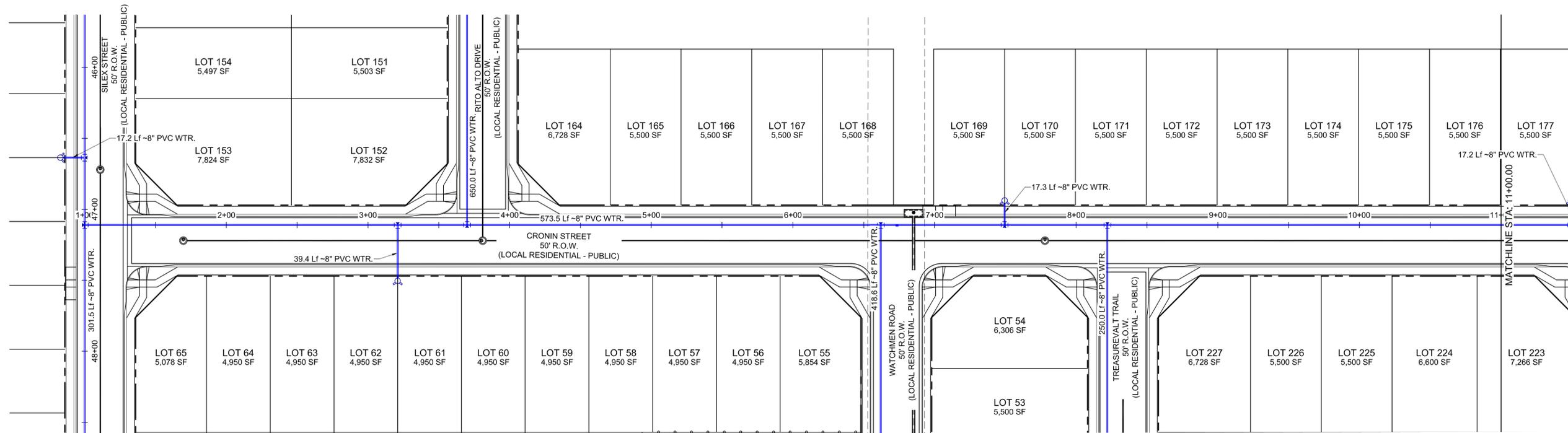
CONSTRUCTION DOCUMENTS

SANITARY 11 PLAN AND PROFILE

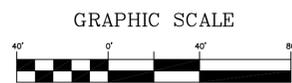
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. SS18
CHECKED BY: JAO	VERT. 1"=8'	SHEET 62 OF 78	



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CRONIN STREET PLAN



30% PLANS
(IN FEET)
1 inch = 40 ft

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
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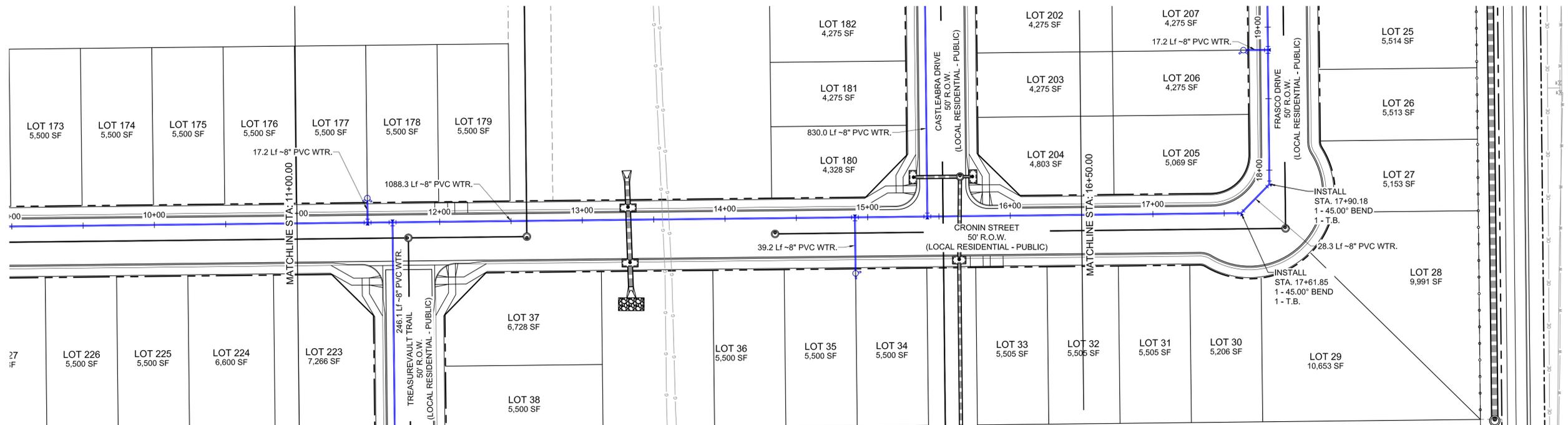


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ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 01 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT01
CHECKED BY: JAO	VERT. 1"=8'	SHEET 64 OF 78	



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CRONIN STREET PLAN



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-886-EX-BASE-MATRIX	###	###	###	###	
X-886-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-886-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
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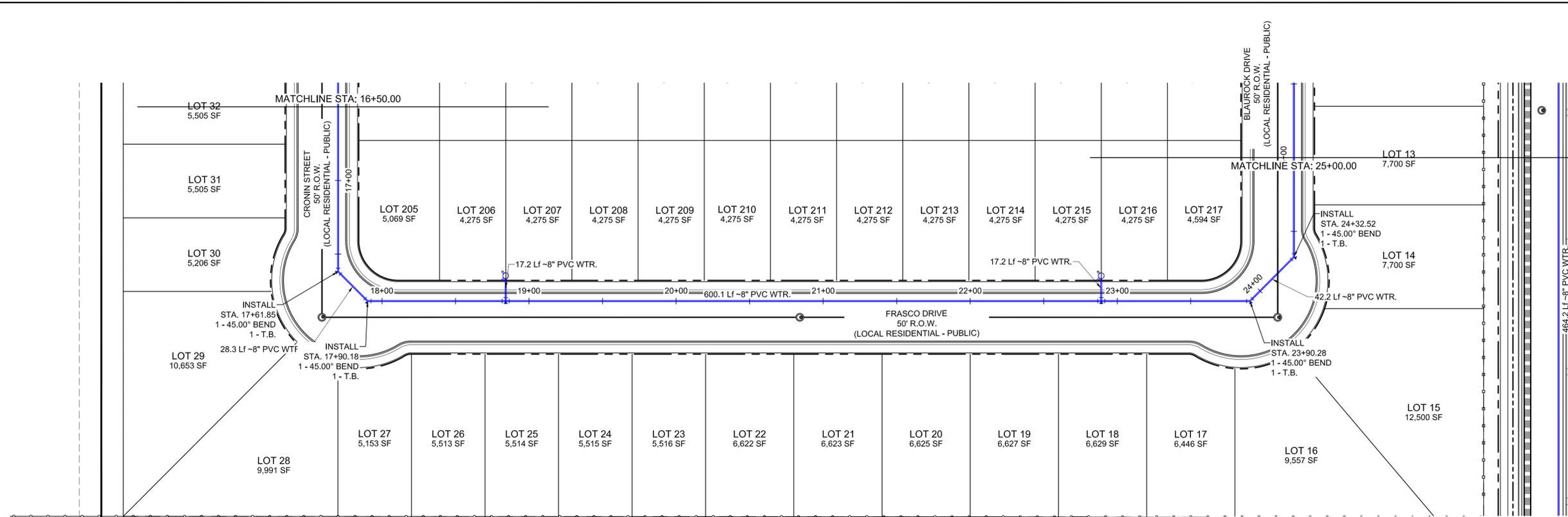
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PROJECT No. 19.886.023

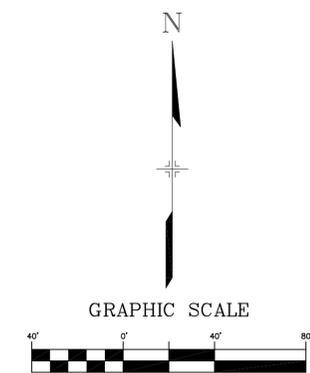
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CONSTRUCTION DOCUMENTS			
WATER 01 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT02
CHECKED BY: JAO	VERT. 1"=8'	SHEET 65 OF 78	



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FRASCO DRIVE PLAN



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
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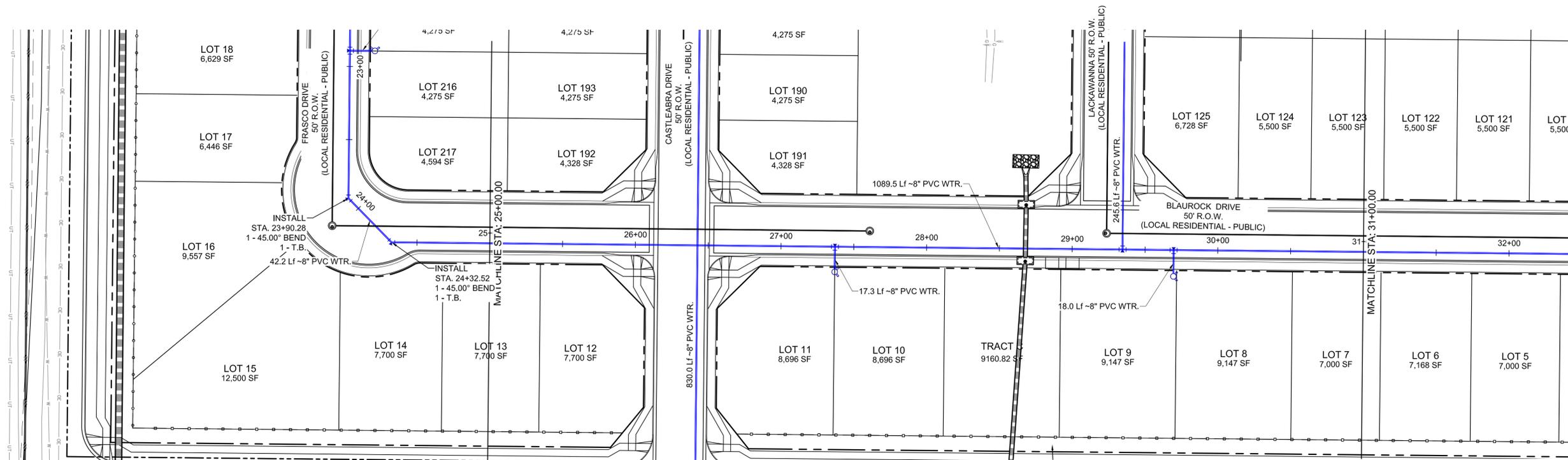
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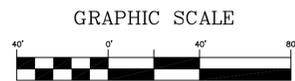
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CONSTRUCTION DOCUMENTS			
WATER 01 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT03
CHECKED BY: JAO	VERT. 1"=8'	SHEET 66 OF 78	



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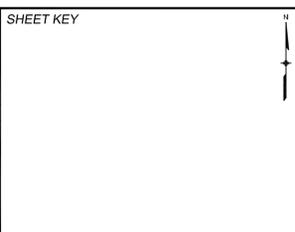


BLAUROCK DRIVE PLAN



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
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X-886-EX-BASE-MATRIX	###	###	###	###	
X-886-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-886-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
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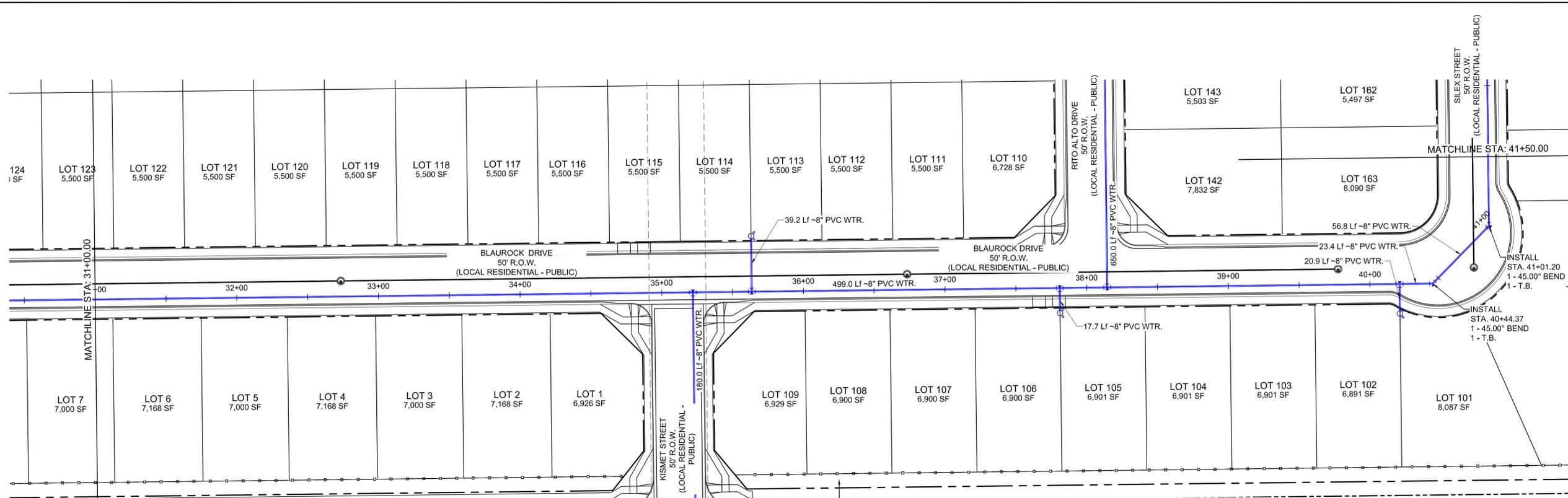


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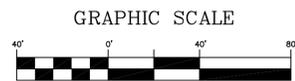
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 01 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT04
DRAWN BY: CRD	VERT. 1"=8'	SHEET 67 OF 78	
CHECKED BY: JAO			



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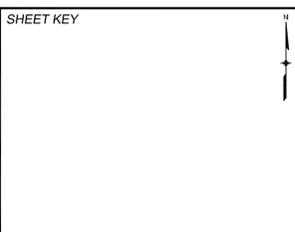


BLAUROCK DRIVE PLAN



30% PLANS
(IN FEET)
1 inch = 40 ft.

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\WATER\WT1.dwg					
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PLOT DATE: March 12, 2020 12:58:01 PM					
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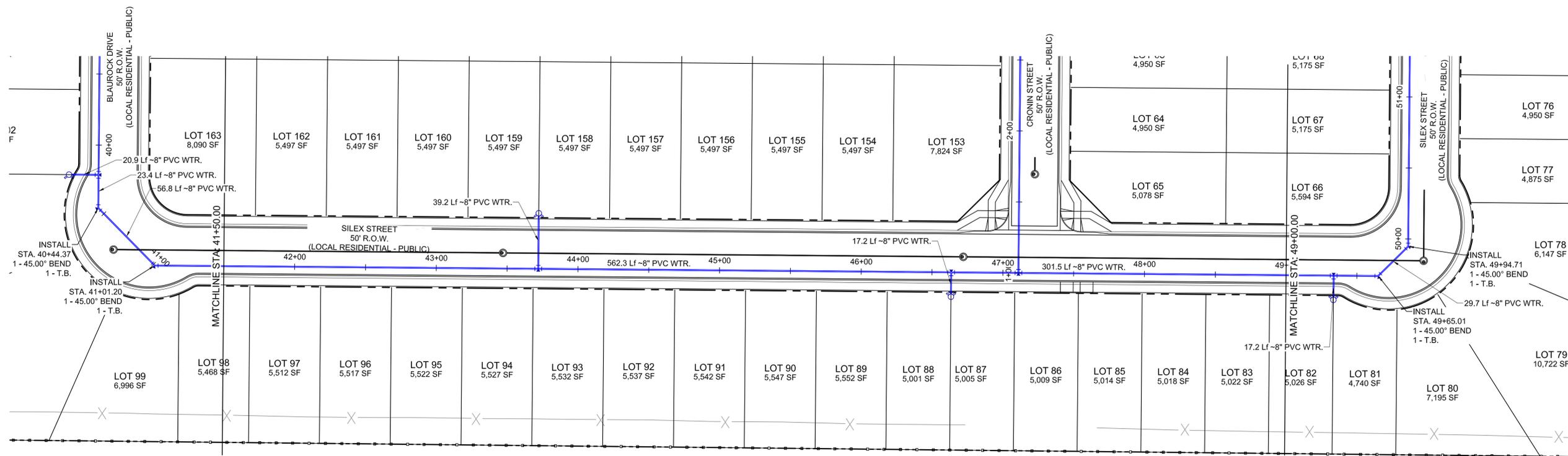


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ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 01 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT05
CHECKED BY: JAO	VERT. 1"=8'	SHEET 68 OF 78	

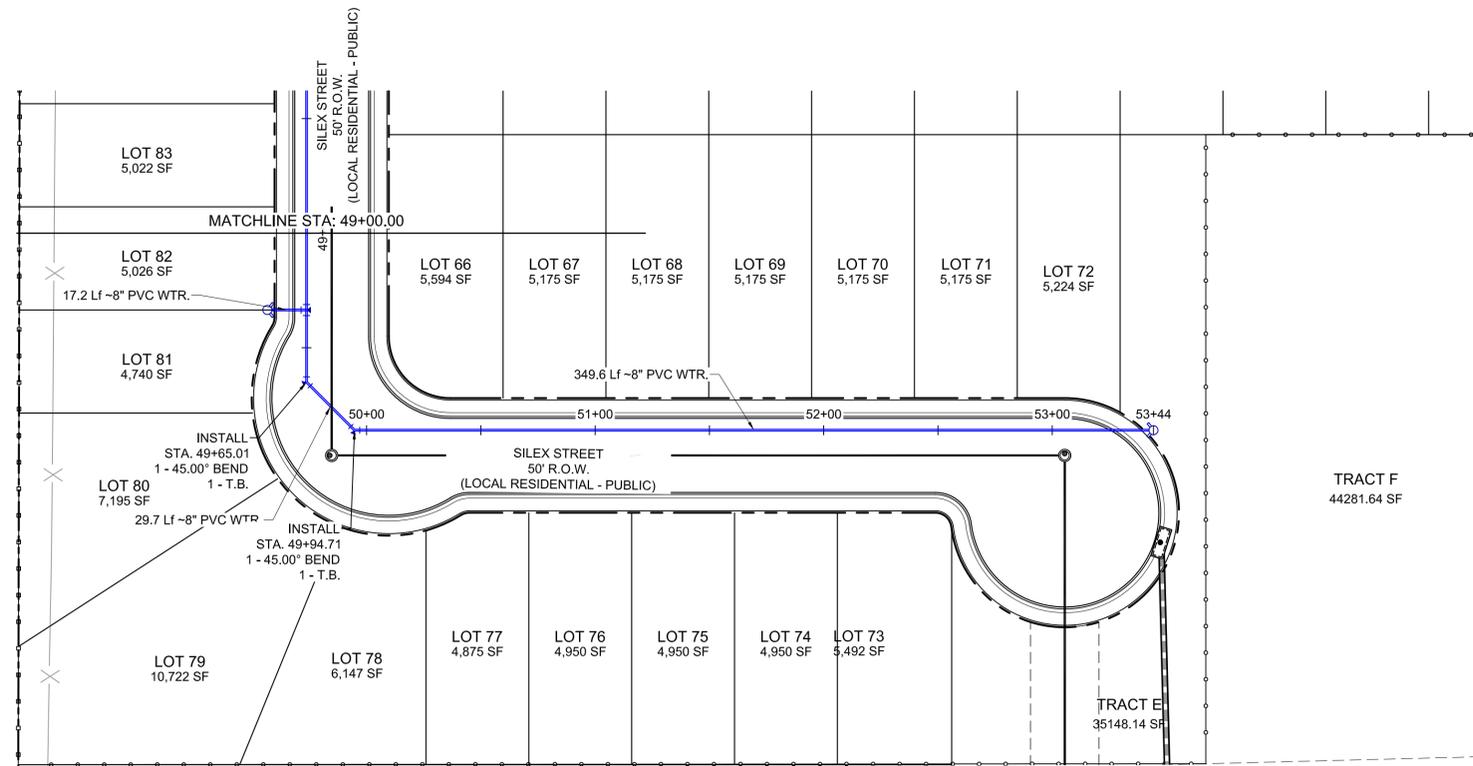


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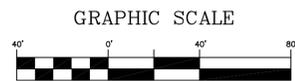




Know what's below.
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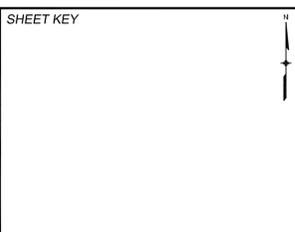


SILEX STREET PLAN



30% PLANS
(IN FEET)
1 inch = 40 ft.

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-886-EX-BASE-MATRIX	###	###	###	###	###
X-886-PR-SITE PLAN	###	###	###	###	###
WT01	###	###	###	###	###
X-886-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
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PLOT DATE: March 12, 2020 12:58:11 PM					
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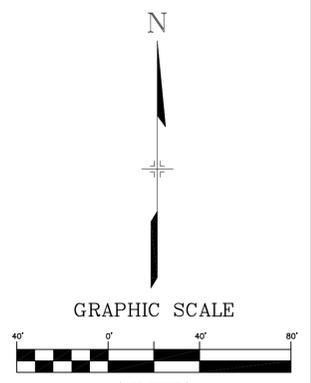
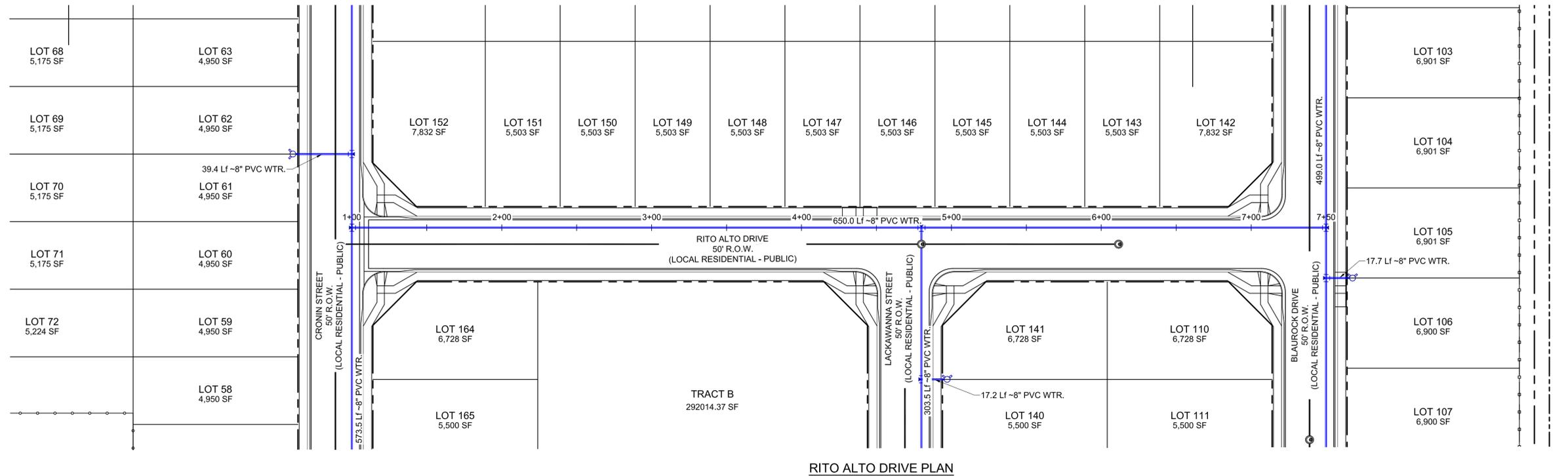


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ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 01 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT07
CHECKED BY: JAO	VERT. 1"=8'	SHEET 70 OF 78	



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30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE-PLAN	###	###	###	###	
WT01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
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FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\WATER\WT2.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:58:57 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

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PROJECT No. 19.886.023

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ASPEN RANCH

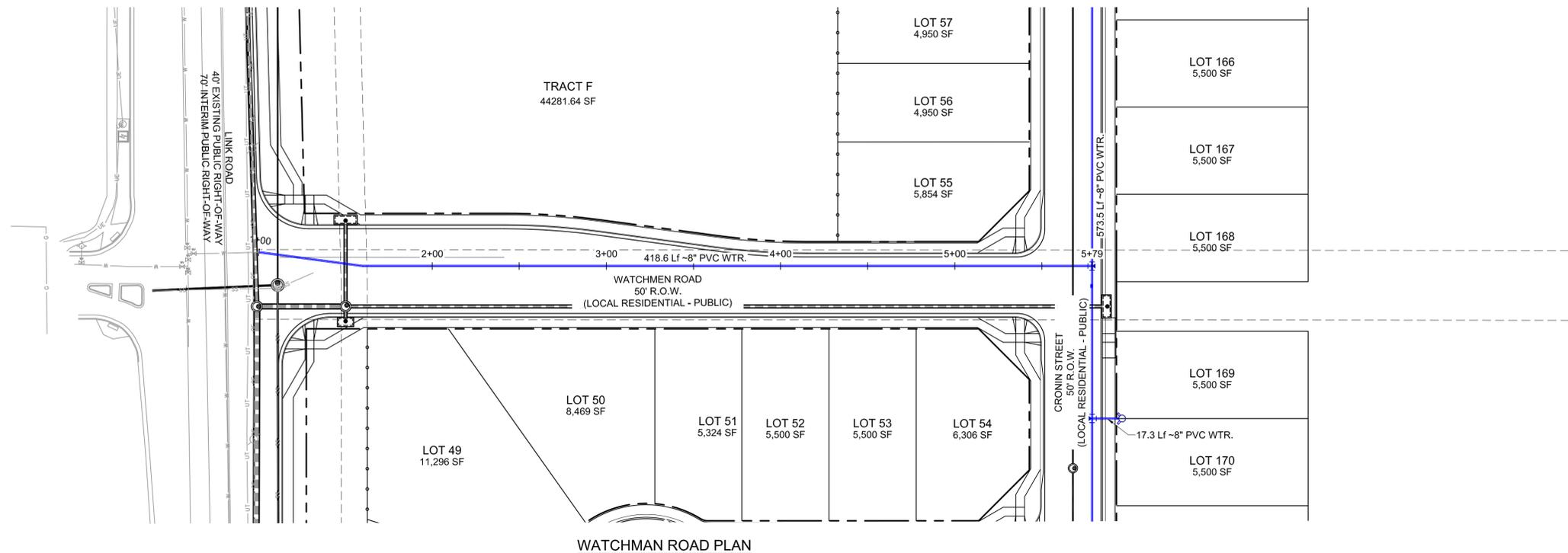
CONSTRUCTION DOCUMENTS

WATER 02 PLAN AND PROFILE

DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT08
DRAWN BY: CRD	HORIZ: 1"=40'	SHEET 71 OF 78	
CHECKED BY: JAO	VERT: 1"=8'		



Know what's below.
Call before you dig.



WATCHMAN ROAD PLAN



30% PLANS
(IN FEET)
1 inch = 40 ft.

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD'S\WATER\WT3.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 12:59:34 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					

PREPARED BY:

SEAL

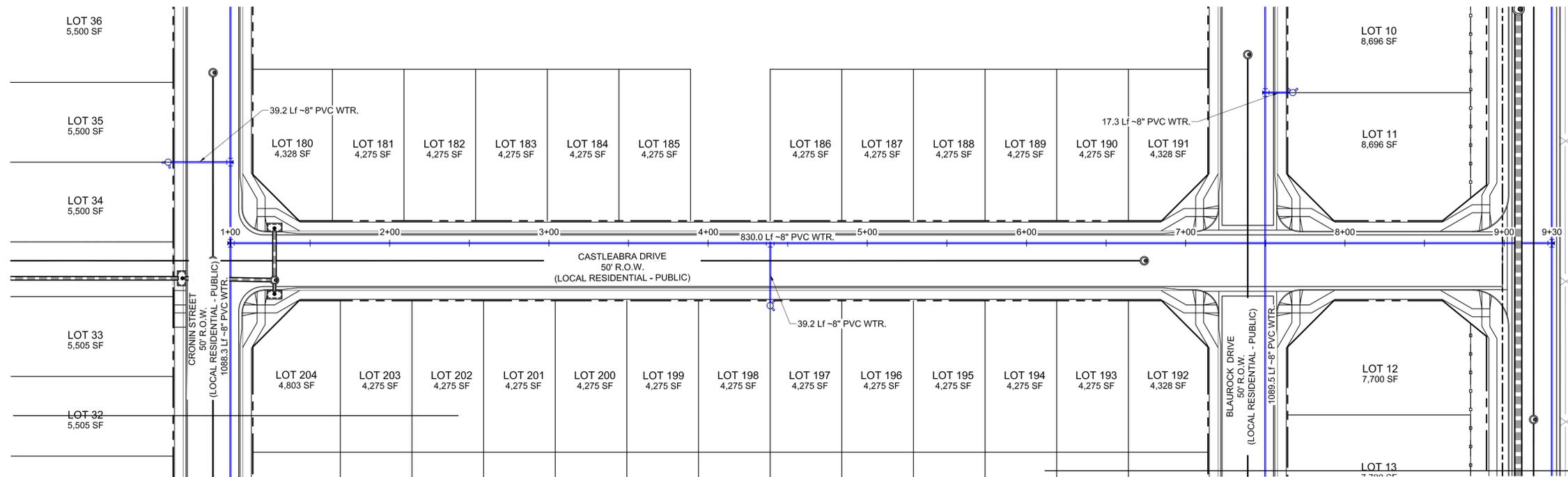
PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 03 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT09
DRAWN BY: CRD	VERT. 1"=8'	SHEET 72 OF 78	
CHECKED BY: JAO			

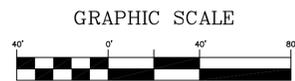


Know what's below.
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CASTLEABRA DRIVE PLAN

MICHAEL k & JOAN
HIGHLAND MCNIECE
8660 KANE RD.
PO BOX 361
FOUNTAIN, CO 80817
FOUNTAIN ZONED
SINGLE-FAMILY RES.



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	###	
X-888-PR-SITE PLAN	###	###	###	###	###	
WT01	###	###	###	###	###	
	###	###	###	###	###	
No.	DATE	DESCRIPTION			BY	
COMPUTER FILE MANAGEMENT						
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD\S\WATER\WT5.dwg						
CTB FILE: ---						
PLOT DATE: March 12, 2020 1:01:03 PM						
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SEAL

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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 19.886.023

ASPEN RANCH

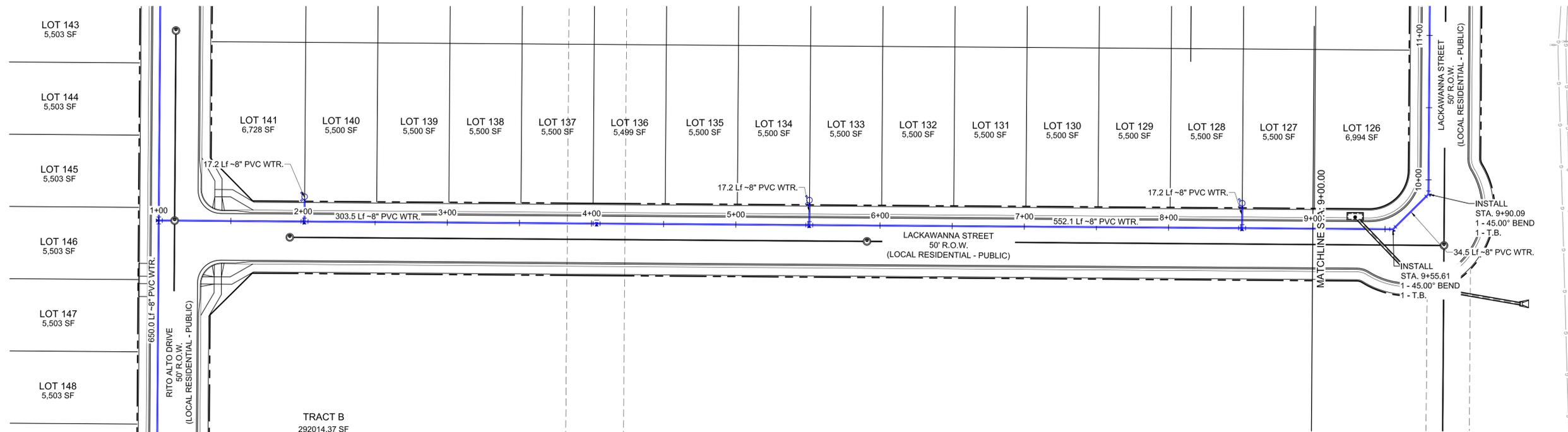
CONSTRUCTION DOCUMENTS

WATER 05 PLAN AND PROFILE

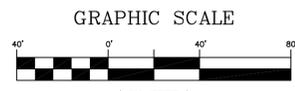
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT11
DRAWN BY: CRD	HORIZ 1"=40'	SHEET 74 OF 78	
CHECKED BY: JAO	VERT. 1"=8'		



Know what's below.
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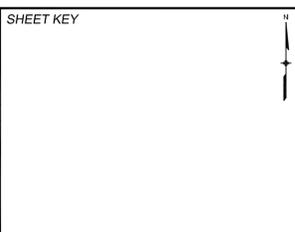


LACKAWANNA STREET PLAN



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-888-EX-BASE-MATRIX	###	###	###	###	
X-888-PR-SITE-PLAN	###	###	###	###	
WTO1	###	###	###	###	
X-888-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\WATER\WT6.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 1:01:46 PM					
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PREPARED BY:

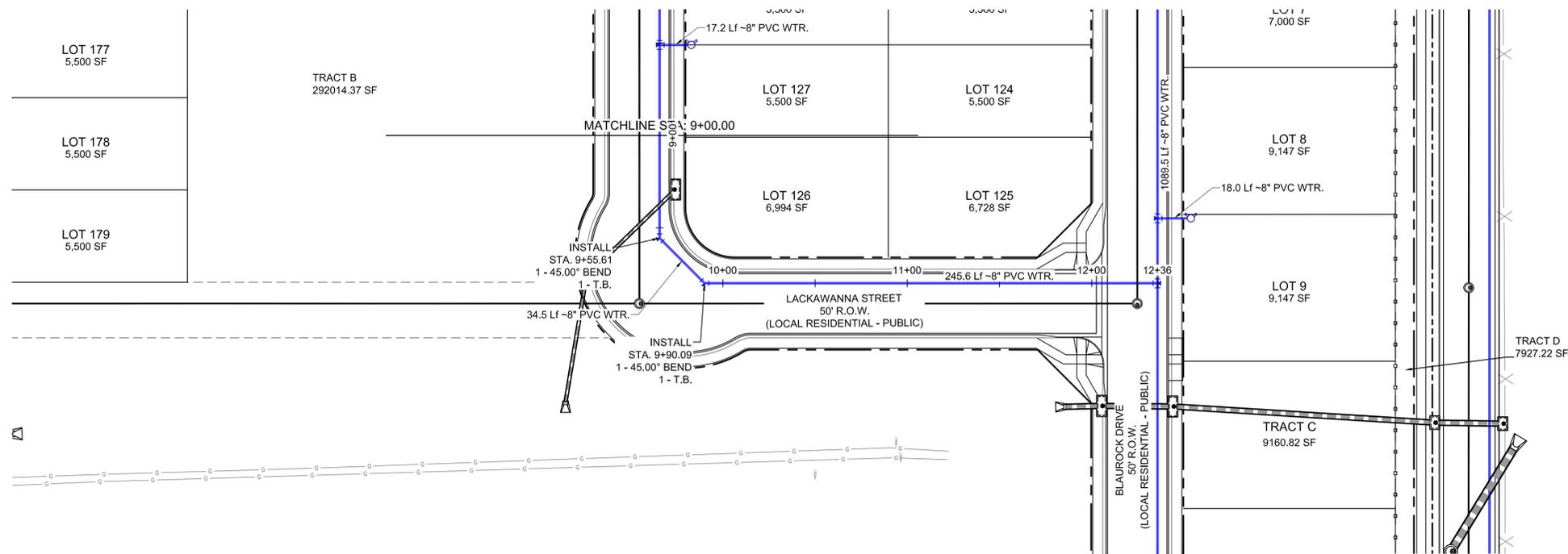


SEAL
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ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 06 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT12
CHECKED BY: JAO	VERT. 1"=8'	SHEET 75 OF 78	



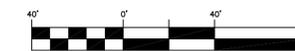
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LACKAWANNA STREET PLAN

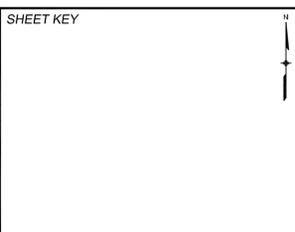


GRAPHIC SCALE



30% PLANS
(IN FEET)
1 inch = 40 ft.

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	###
X-888-EX-BASE-MATRIX	###	###	###	###	###
X-888-PR-SITE PLAN	###	###	###	###	###
WT01	###	###	###	###	###
X-888-EX-UTIL-MATRIX	###	###	###	###	###
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\WATER\WT6.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 1:01:51 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					



PREPARED BY:	

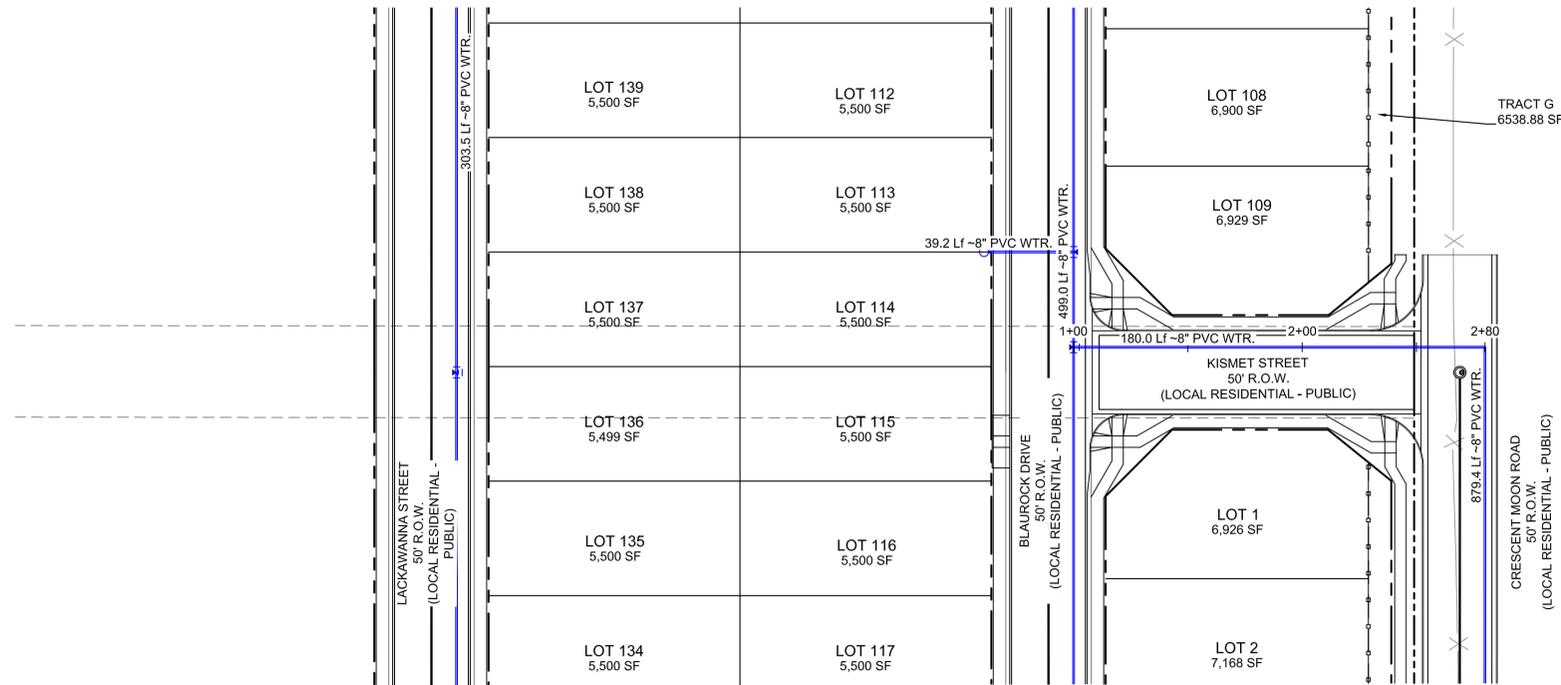
SEAL

PRELIMINARY
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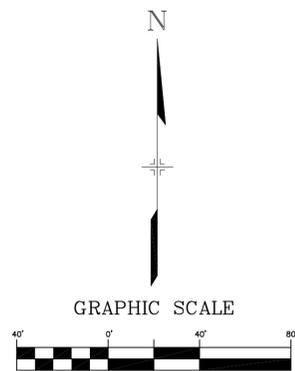
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 06 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT13
DRAWN BY: CRD	VERT. 1"=8'	SHEET 76 OF 78	
CHECKED BY: JAO			



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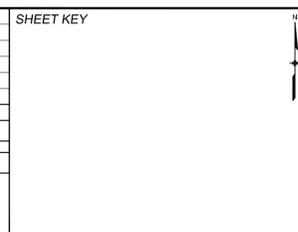


KISMET STREET PLAN



30% PLANS

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-886-EX-BASE-MATRIX	###	###	###	###	
X-886-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-886-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD's\WATER\WT7.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 1:02:35 PM					
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.					



PREPARED BY:

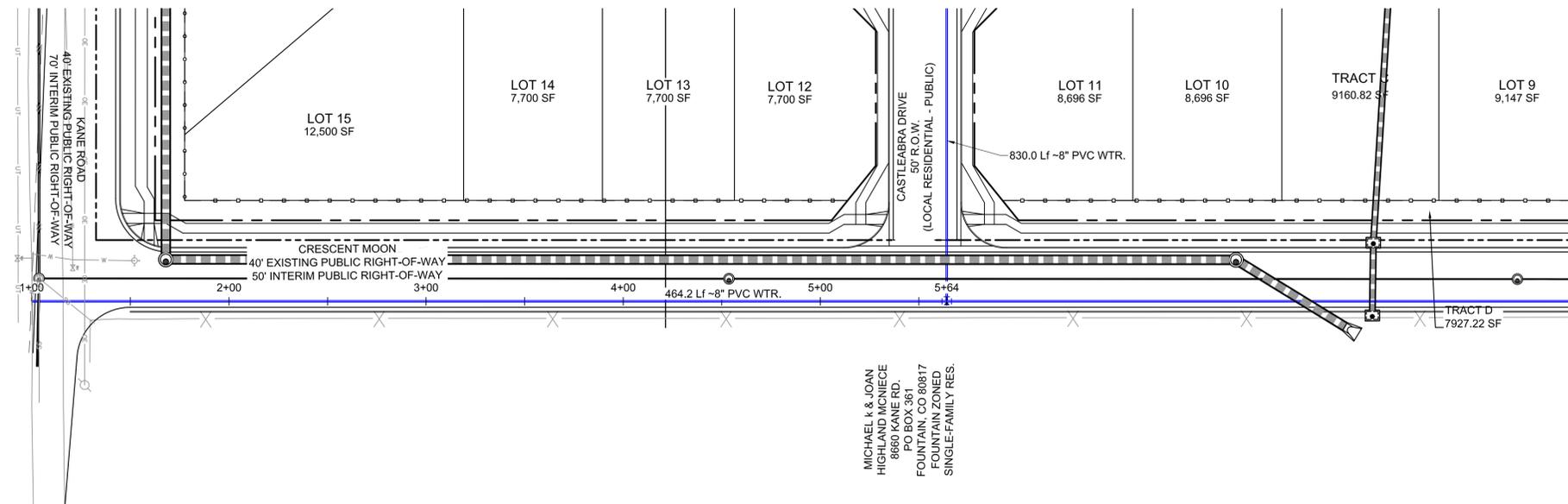


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PRELIMINARY
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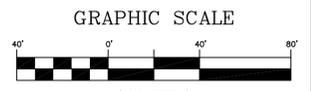
ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 07 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT14
DRAWN BY: CRD	HORIZ 1"=40'	SHEET 77 OF 78	
CHECKED BY: JAO	VERT. 1"=8'		



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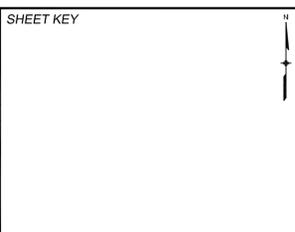


CRESENT MOON ROAD PLAN



30% PLANS
(IN FEET)
1 inch = 40 ft.

REFERENCE DRAWINGS	###	###	###	###	SHEET KEY
X-Title-W	###	###	###	###	
X-886-EX-BASE-MATRIX	###	###	###	###	
X-886-PR-SITE PLAN	###	###	###	###	
WT01	###	###	###	###	
X-886-EX-UTIL-MATRIX	###	###	###	###	
No.	DATE	DESCRIPTION		BY	
REVISIONS					
COMPUTER FILE MANAGEMENT					
FILE NAME: S:\19.886.023 Aspen Ranch\100 Dwg\104 Plan Sets\Construction Plans\30% CD\S\WATER\WT8.dwg					
CTB FILE: ---					
PLOT DATE: March 12, 2020 1:03:17 PM					
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ASPEN RANCH			
CONSTRUCTION DOCUMENTS			
WATER 08 PLAN AND PROFILE			
DESIGNED BY: CRD	SCALE: HORIZ 1"=40'	DATE ISSUED: 3/12/2020	DRAWING No. WT15
DRAWN BY: CRD	VERT. 1"=8'	SHEET 78 OF 78	
CHECKED BY: JAO			