THE COTTAGES AT MESA RIDGE CONSTRUCTION DRAWING TABLE OF CONTENTS

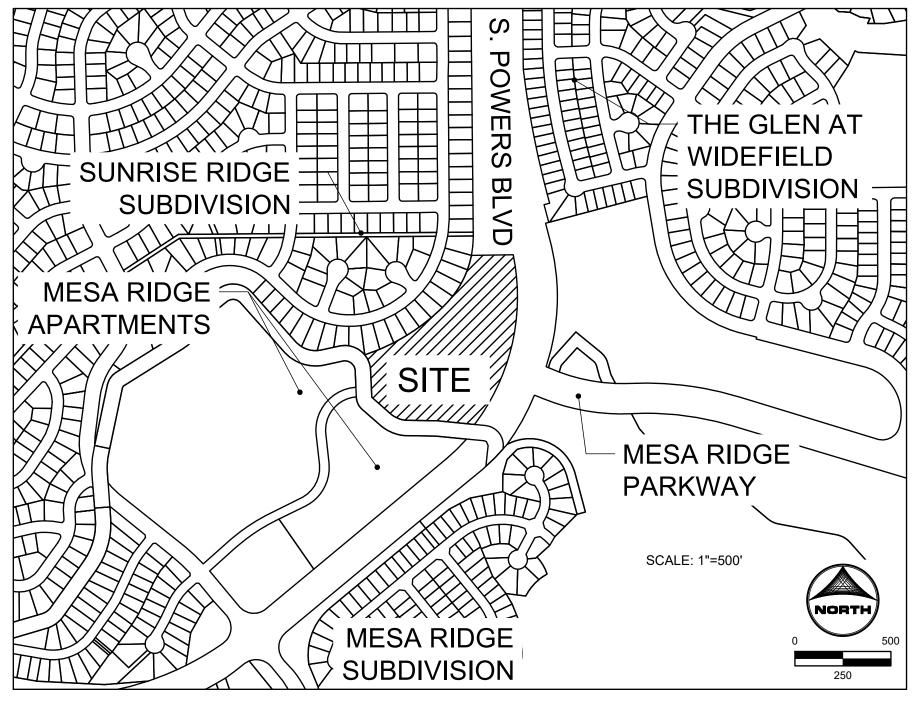
- 1. EL PASO COUNTY CONSTRUCTION DOCUMENTS AND GRADING AND ERISION CONTROL PLANS (ON SITE)
- 2. CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS (OFF SITE)
- 3. FOUNTAIN MUTUAL IRRIGATION COMPANY IRRIGATION PIPE CONSTRUCTION DRAWINGS (OFF SITE)

12022 3.1	THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF
, ULANN, 4/J	SECTION 29, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO, DESCRIBED AS FOLLOWS: BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 29, MONUMENTED AT THE WEST END WITH A 3.25" ALUMINUM CAP IN CONCRETE
	STAMPED "PLS 4842" AND MONUMENTED AT THE WEST END WITH A 5.23 ALOMINUM CAP IN CONCRETE STAMPED "PLS 4842" AND MONUMENTED AT THE EAST END WITH A #6 REBAR AND 3.25" ALUMINUM CAP STAMPED "PLS 38141" AND ASSUMED TO BEAR S 89°57'13" E A FIELD MEASURED DISTANCE OF 2,652.37 FEET.
	BENCHMARK: ELEVATIONS ARE BASED UPON THE FOUNTAIN SANITATION DISTRICT POINT N-1, BEING A 2" BRASS CAP IN CONCRETE AT THE NORTHEAST CORNER OF MESA RIDGE PARKWAY AND FOUNTAIN MESA ROAD. (ELEVATION=5750.57 NGVD 29).
	BEGINNING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 28; THENCE N 89°41'59" E ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, A DISTANCE OF 117.30 FEET TO A POINT ON THE WEST LINE OF POWERS BOULEVARD AS RECORDED UNDER BOOK 6788 AT PAGE 531 OF THE RECORDS OF THE EL PASO COUNTY CLERK AND RECORDERS OFFICE; THENCE ALONG THE WEST LINE OF SAID POWERS BOULEVARD, 933.14 FEET ALONG THE ARC OF A 1,096.98 FOOT RADIUS CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 48°44'17" AND A CHORD THAT BEARS S 12°56'23" W, 905.26 FEET TO A POINT ON THE NORTHERLY LINE OF THAT
	PARCEL OF LAND DESCRIBED UNDER BOOK 5506 AT PAGE 1290 OF SAID RECORDS; THENCE OF THE FOLLOWING EIGHT (8) COURSES ALONG SAID NORTHERLY LINES AND EASTERLY LINES OF SAID PARCEL OF LAND DESCRIBED UNDER BOOK 5506 AT PAGE 1290: 1) N 84°16'00" W, A DISTANCE OF 198.99 FEET; 2) 46.11 FEET ALONG THE ARC OF A 540.00 FOOT RADIUS TANGENT CURVE TO THE LEFT, HAVING
	A CENTRAL ANGLE OF 04°53'33" AND A CHORD THAT BEARS N 86°42'46" W, 46.10 FEET; 3) N 89°09'33" W, A DISTANCE OF 124.09 FEET; 4) 100.02 FEET ALONG THE ARC OF A 140.00 FOOT RADIUS TANGENT CURVE TO THE RIGHT,
	HÁVING A CENTRAL ANGLE OF 40°56'07" AND A CHORD THAT BEARS N 68°41'30" W, 97.91 FEET; 5) N 48°13'27" W, A DISTANCE OF 126.77 FEET; 6) 6.49 FEET ALONG THE ARC OF AN 8.00 FOOT RADIUS TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 46°29'23" AND A CHORD THAT BEARS N 24°58'45" W, 6.31 FEET;
	7) N 01°44'04" W, A DISTANCE OF 137.18 FEET; 8) 87.71 FEET ALONG THE ARC OF A 135.00 FOOT RADIUS TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 37°13'35" AND A CHORD THAT BEARS N 20°21'02" W, 86.18 FEET TO THE SOUTHWEST CORNER OF LOT 15, BLOCK 3, SUNRISE RIDGE SUBDIVISION FILING NO. 8 AS RECORDED UNDER RECEPTION NO. 1722613 OF SAID RECORDS;
	THENCE THE FOLLOWING TWO (2) COURSES ALONG THE EASTERLY LINE OF SAID SUNRISE RIDGE SUBDIVISION FILING NO. 8: 1) 511.39 FEET ALONG THE ARC OF A 1,034.60 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 28°19'14" AND A CHORD THAT BEARS N 58°13'41" E,
statement	506.20 FEET TO A POINT OF COMPOUND CURVATURE; 2) 283.12 FEET ALONG THE ARC OF A 500.00 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 32°26'36" AND A CHORD THAT BEARS N 27°50'47" E, 279.35 FEET TO A POINT ON THE NORTH LINE OF SAID NORTHEAST QUARTER;
	THENCE N 89°57'13" E ALONG THE NORTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 115.21 FEET TO THE POINT OF BEGINNING.
EPC_engineers	CONTAINING A CALCULATED AREA OF 445,104 SQUARE FEET (10.218 ACRES) OF LAND, MORE OR LESS.
EC_Notes; E	TO BE PLATTED AS "THE COTTAGES AT MESA RIDGE"
IES; EPC_G	STANDARD NOTES: 1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE
	CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL 2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FILED NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF
statement_CD;	EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) 3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE
_developer_st	APPROPRIATE DESIGN AND CONSTRUCTION STÀNDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING: A. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
EPC; epc_owner	B. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2 C. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION D. CDOT M & S STANDARDS
ns; xgt-1-arch dh01-CDs_	4. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE
neral_provisions;	DEVELOPER'S RESPONSIBILITY TO RECTIFY. 5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO
ent; EPC_ge	CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY. 6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
C_county_statem	7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN
Legend; EPC_c	DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS. 8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON
_sections;	DISCOVERY OF ANY ERRORS OR INCONSISTENCIES. 9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD. 10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN
Stakeholders; typical	SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT. 11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS. 12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS.
ption;	OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES. 13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.] 14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DRW INCLUDING WORK WITHIN
_map; legal_descri	 14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS. 15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM
Xrefs: vicinity_m	ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION. DRAWN BY: CBM JOB DATE: 4/5/2022 BAR IS ONE INCH ON OFFICIAL DRAWINGS. NO. DATE BY REVISION DES
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LEGAL DESCRIPTION:

THE COTTAGES AT MESA RIDGE EL PASO COUNTY CONSTRUCTION DOCUMENTS AND GRADING AND ERISION CONTROL PLANS

A PORTION OF THE NORTHEAST QUARTER OF SECTION 29, THE SOUTHEAST QUARTER OF SECTION 20, THE SOUTHWEST QUARTER OF SECTION 21, & THE NORTHWEST QUARTER OF SECTION 28, TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



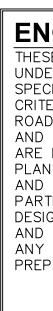
VICINITY MAP

GRADING AND EROSION CONTROL NOTES:

- 1. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
- 2. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE, AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED. AND APPROVED. IN WRITING.
- 3. A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCITNG CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OF CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
- 4. ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND THE EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
- 5. CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
- 6. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATION CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- 7. TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS 8. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- 9. ALL PERMANENT STORMWATER FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OF FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- 10. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES HALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
- 11. COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OF WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL ARES DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S)
- 12. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF SITE.

SCRIPTION		HR GREEN - COLORADO SPRINGS	
			THE COTTAGES AT MESA RIDGE
		7222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919	GOODWIN KNIGHT
	HRGreen	PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 HRGreen.com	EL PASO COUNTY, COLORADO

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GENERAL PROVISIONS:

- STATEMENT OF INTENT: THE PURPOSE AND INTENT OF THE PUD ZONING DISTRICT IS TO CREATE A COHESIVE WELL PLANNED COMMUNITY THAT WILL ALLOW FOR A MAXIMUM OF 122 DWELLING UNITS SINGLE FAMILY ATTACHED UNITS FOR RENT ONLY, AN AMENITY CENTER, AND OPEN SPACE. 2. AUTHORITY: THIS PUD IS AUTHORIZED BY CHAPTER 4 OF THE EL PASO COUNTY LAND
- DEVELOPMENT CODE, ADOPTED PURSUANT TO THE COLORADO PLANNED UNIT DEVELOPMENT ACT OF 1972, AS AMENDED
- 3. APPLICABILITY: THE PROVISIONS OF THIS PUD SHALL RUN WITH THE LAND. THE LANDOWNERS, THEIR SUCCESSORS, HEIRS, OR ASSIGNS SHALL BE BOUND BY THE DEVELOPMENT PLAN, AS AMENDED AND APPROVED BY THE PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT DIRFCTOR OR BOARD OF COUNTY COMMISSIONERS.
- 4. ADOPTION: THE ADOPTION OF THIS DEVELOPMENT PLAN SHALL EVIDENCED THE FINDINGS AND DECISIONS OF THE EL PASO COUNTY BOARD OF COUNTY COMMISSIONS THAT THIS DEVELOPMENT PLAN FOR THE COTTAGES AT MESA RIDGE IS IN GENERAL CONFORMITY WITH THE EL PASO COUNTY MASTER PLAN, EL PASO COUNTY POLICY PLAN, AND APPLICABLE SMALL AREA PLAN(S); IS AUTHORIZED UNDER THE PROVISIONS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE; AND THAT THE EL PASO COUNTY LAND DEVELOPMENT CODE AND THIS DEVELOPMENT PLAN COMPLIES WITH THE COLORADO PLANNED UNIT DEVELOPMENT ACT OF 1972, AS AMENDED
- 5. RELATIONSHIP TO COUNTY REGULATIONS: THE PROVISIONS OF THIS DEVELOPMENT PLAN SHALI PREVAIL AND GOVERN THE DEVELOPMENT OF THE COTTAGES AT MESA RIDGE, PROVIDED, HOWEVER, THAT WHERE THE PROVISIONS OF THIS DEVELOPMENT PLAN DO NOT ADDRESS A PARTICULAR SUBJECT THE RELEVANT PROVISIONS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, AS AMENDED AND IN EFFECT AT THE TIME OF THE PUD PLAN APPROVAL (OR OWNER ACKNOWLEDGE THE PUD CHANGES WITH THE CODE), OR ANY OTHER APPLICABLE RESOLUTIONS OR REGULATIONS OF EL PASO COUNTY, SHALL BE APPLICABLE.
- 6. ENFORCEMENT: TO FURTHER THE MUTUAL INTEREST OF THE RESIDENTS, OCCUPANTS, AND OWNERS OF THE PUD AND OF THE PUBLIC IN PRESERVATION OF THE INTEGRITY OF THIS DEVELOPMENT PLAN. THE PROVISIONS OF THIS PLAN RELATING TO THE USE OF LAND AND THE LOCATION OF COMMON SPACE SHALL RUN IN FAVOR OF EL PASO COUNTY AND SHALL BE ENFORCEABLE AT LAW OR IN EQUITY BY THE COUNTY WITHOUT LIMITATION ON ANY POWER OR REGULATION OTHERWISE GRANTED BY LAW. WHERE THERE IS MORE THAN ONE PROVISIONS WITHIN THE DEVELOPMENT PLAN THAT COVERS THE SAME SUBJECT MATTER, THE PROVISIONS WHICH IS MORE RESTRICTIVE OR IMPOSES THE HIGHER STANDARDS OR REQUIREMENTS SHALL GOVERN.

SHEET INDEX:

PICAL SECTIONS - INITIAL PLAN - INTERIM PLAN - VERTICAL PLAN ROADWAY PLAN & PROFILE DTES WATER AND SANITARY SEWER - SANITARY PLAN & PROFILE TER DISTRIBUTION PLAN ILITY SERVICE PLAN ORM SEWER PLAN AND PROFILE TAILS TAILS ETAILS

STAKEHOLDERS:

DEVELOPER:

OWNFR:

ATTN: APPLICANT:

ATTN:

SURVEYOR:

CSJ NO 1 LLC 111 S. TEJON STREET, SUITE 222 COLORADO SPRINGS, CO 80903

GOODWIN KNIGHT 8605 EXPLORER DRIVE, SUITE 250 COLORADO SPRINGS, CO 80920 DAVE MORRISON

HR GREEN DEVELOPMENT. LLC 1975 RESEARCH PKWY, SUITE 230 COLORADO SPRINGS, CO 80920 PHIL STUEPFERT, KEN HUHN

BARRON LAND, LLC 2790 N ACADEMY BLVD #311 COLORADO SPRINGS, CO 80917 ATTN: SPENCER BARRON

ENGINEER'S STATEMENT	EL PASO COUNTY STATEMENT				
THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE	COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.				
PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE	FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL AS AMENDED.				
DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.	IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS. THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTORS				
KENNETH M. HUHN, P.E. DATE KHUHN@HRGREEN.COM	DISCRETION.				
COLORADO P.E. 0054022	JENNIFER IRVINE, P.E.				
OWNER'S STATEMENT I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.	COUNTY ENGINEER/ ECM ADMINISTRATOR				
OWNER SIGNATURE DATE	Please include after drainage criteria manual: Engineering Criteria				
HR GREEN: ADDRESSED.					
add owner's name	Trop Co				
Please add GEC Standard Notes 13 - 29 (see GEC Checklist) HR GREEN: ADDRESSED.	HR GREEN: ADDRESSED.				
	Please add PCD File No. SF2214				
EL PASO COUNTY CON COVER	STRUCTION DOCUMENTS				

LEGEND

MARSHALL, CLARK, 4/5/2022 9:1

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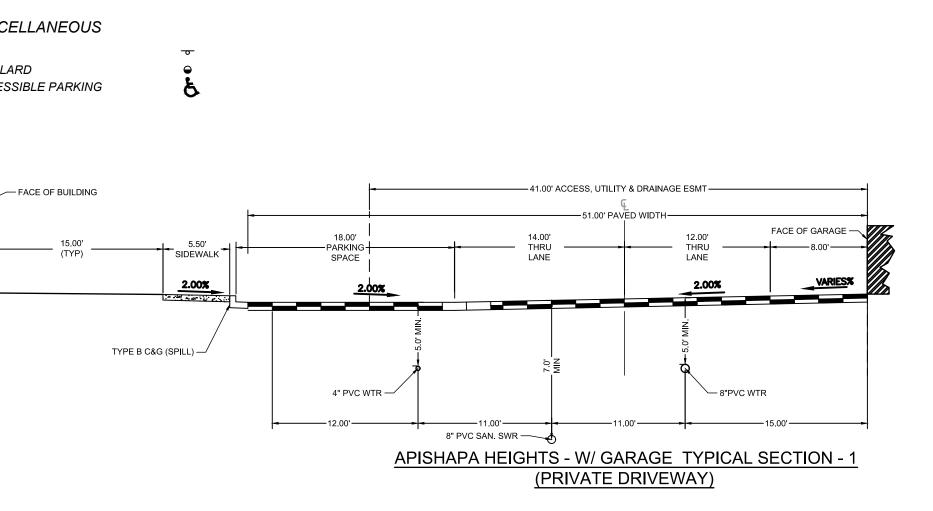
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DRAWN BY: <u>CBM</u> APPROVED: <u>KMH</u> CAD DATE: <u>4/5/202</u> CAD FILE: <u>J:\2020\</u>	JOB NUMBER: <u>20</u>	00541 OF 00541 0 ■ IF ADJUST	R IS ONE INCH ON FICIAL DRAWINGS. 1" NOT ONE INCH, SCALE ACCORDINGLY.	NO. DATE BY	REVISION DES

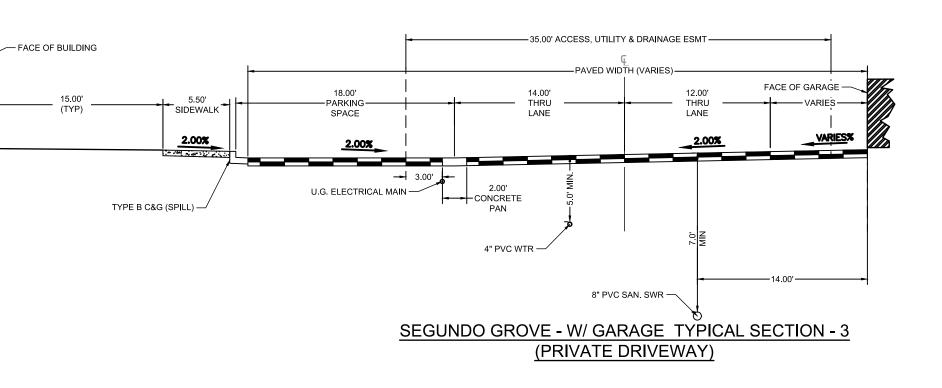
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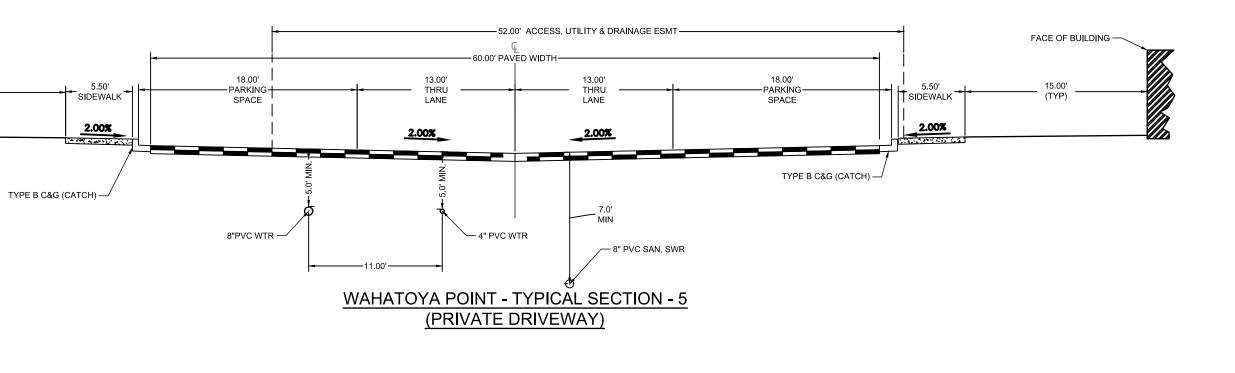
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provide cross section/detail for the emergency fire access HR GREEN: ADDRESSED.

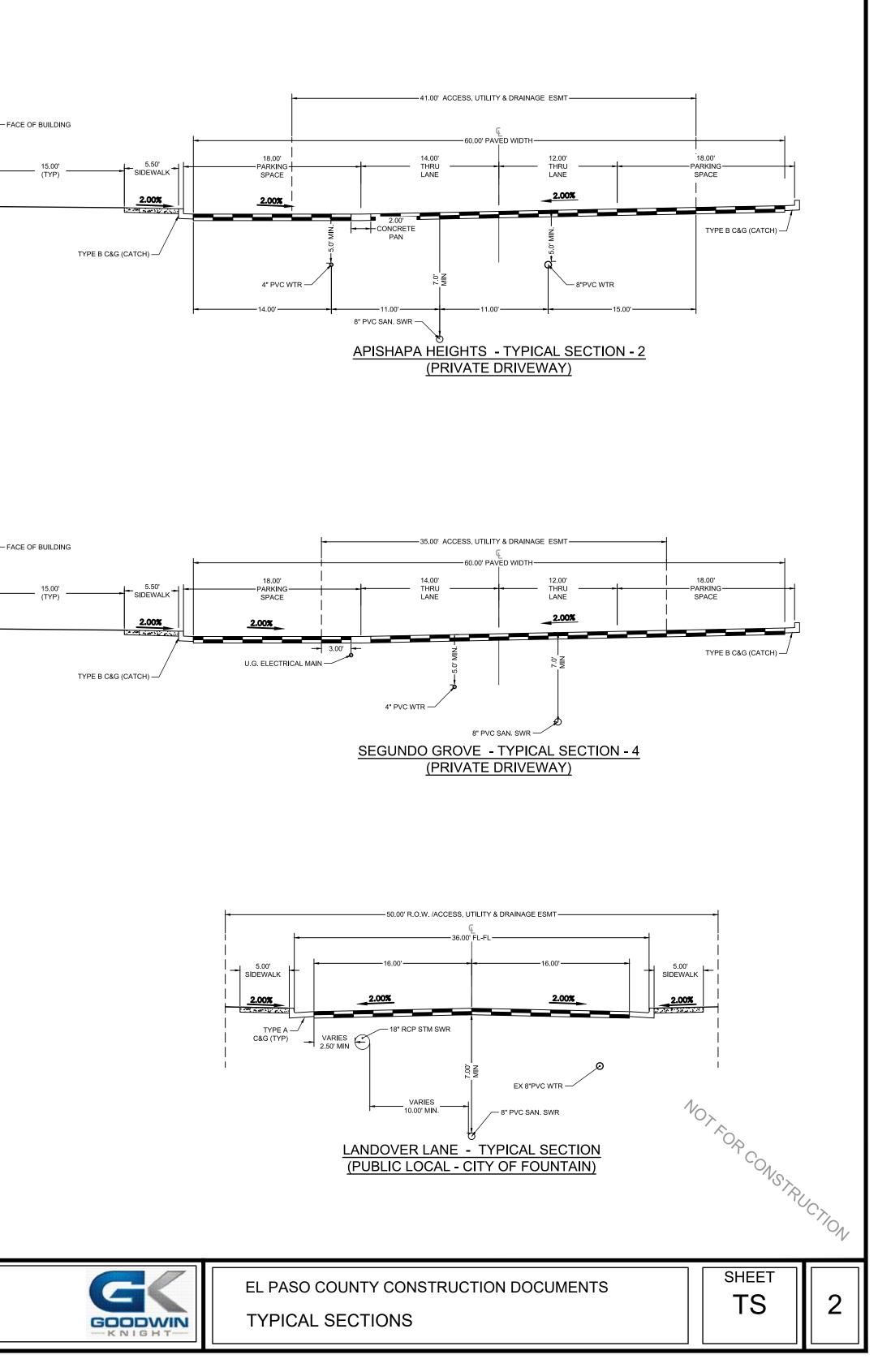


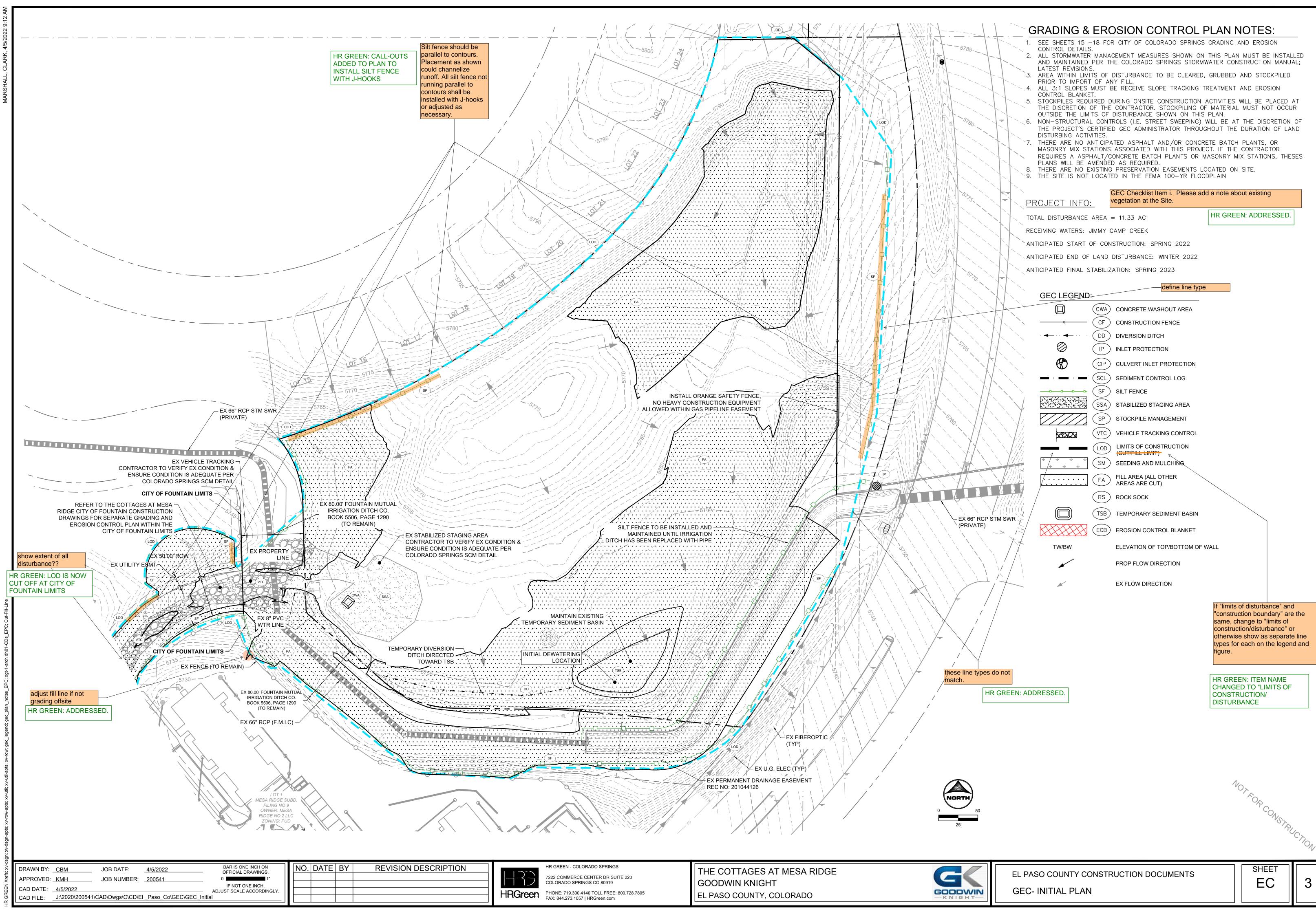


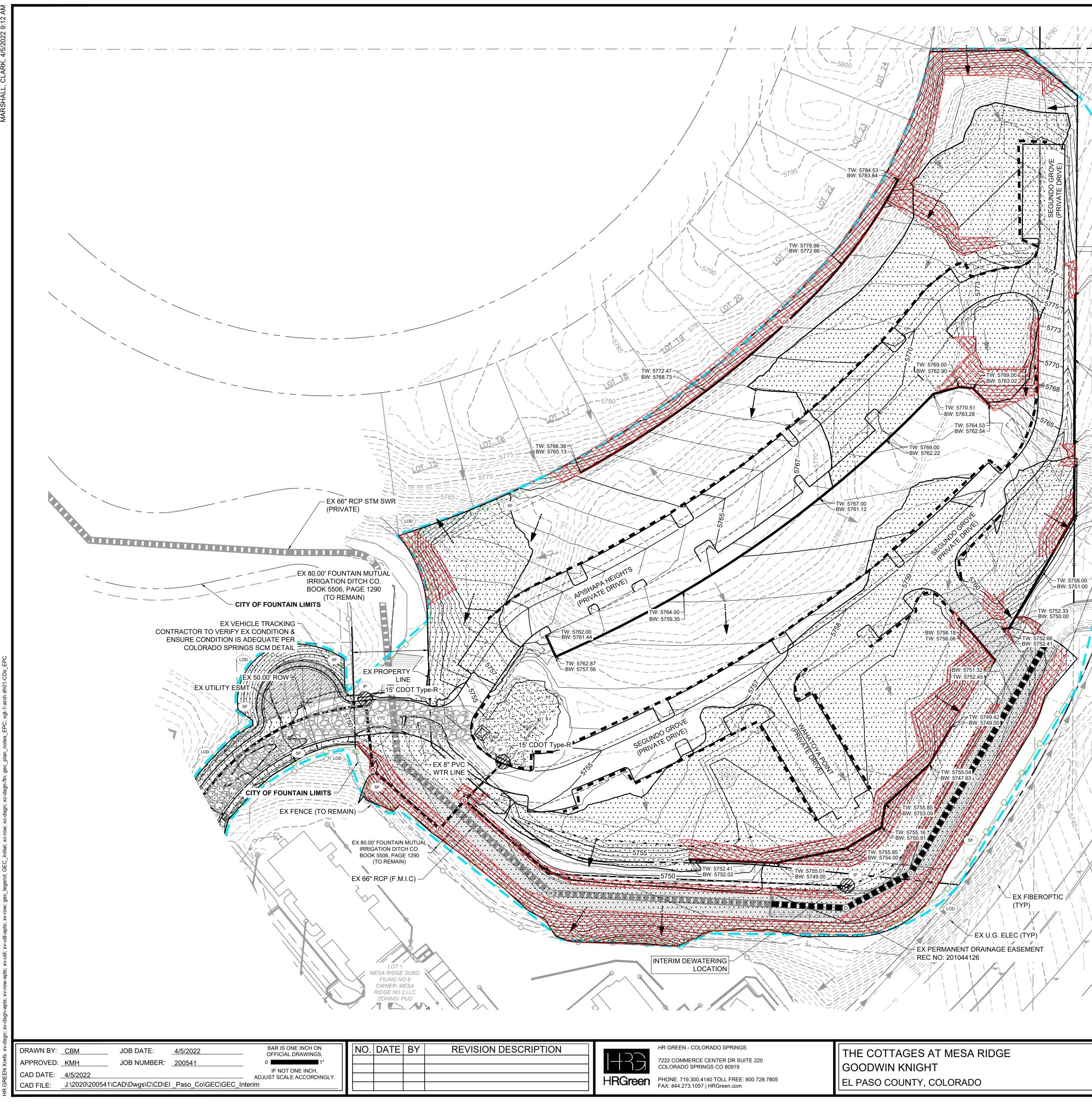


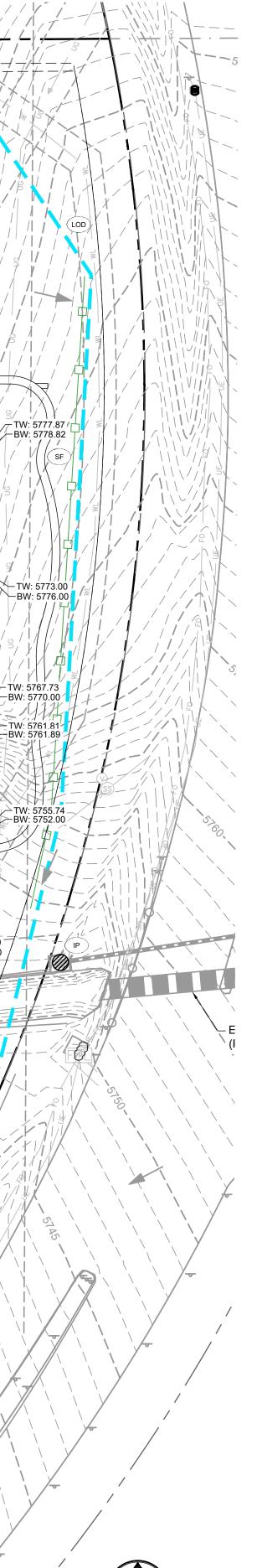
ON DESCRIPTION

	HR GREEN - COLORADO SPRINGS 7222 COMMERCE CENTER DR SUITE 220	THE COTTAGES AT MESA RIDGE
	COLORADO SPRINGS CO 80919	GOODWIN KNIGHT
HRGreen	PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 HRGreen.com	EL PASO COUNTY, COLORADO
HRGreen	PHONE: 719.300.4140 TOLL FREE: 800.728.7805	









GRADING & EROSION CONTROL PLAN NOTES:

- 1. SEE SHEETS 15 -18 FOR CITY OF COLORADO SPRINGS GRADING AND EROSION CONTROL DETAILS. 2. ALL STORMWATER MANAGEMENT MEASURES SHOWN ON THIS PLAN MUST BE INSTALLED
- AND MAINTAINED PER THE COLORADO SPRINGS STORMWATER CONSTRUCTION MANUAL; LATEST REVISIONS.
- AREA WITHIN LIMITS OF DISTURBANCE TO BE CLEARED, GRUBBED AND STOCKPILED PRIOR TO IMPORT OF ANY FILL.
- 4. ALL 3:1 SLOPES MUST BE RECEIVE SLOPE TRACKING TREATMENT AND EROSION CONTROL BLANKET. 5. STOCKPILES REQUIRED DURING ONSITE CONSTRUCTION ACTIVITIES WILL BE PLACED AT
- THE DISCRETION OF THE CONTRACTOR. STOCKPILING OF MATERIAL MUST NOT OCCUR OUTSIDE THE LIMITS OF DISTURBANCE SHOWN ON THIS PLAN.
- NON-STRUCTURAL CONTROLS (I.E. STREET SWEEPING) WILL BE AT THE DISCRETION OF THE PROJECT'S CERTIFIED GEC ADMINISTRATOR THROUGHOUT THE DURATION OF LAND DISTURBING ACTIVITIES.
- THERE ARE NO ANTICIPATED ASPHALT AND/OR CONCRETE BATCH PLANTS, OR MASONRY MIX STATIONS ASSOCIATED WITH THIS PROJECT. IF THE CONTRACTOR REQUIRES A ASPHALT/CONCRETE BATCH PLANTS OR MASONRY MIX STATIONS, THESES PLANS WILL BE AMENDED AS REQUIRED.
- THERE ARE NO EXISTING PRESERVATION EASEMENTS LOCATED ON SITE. 9. THE SITE IS NOT LOCATED IN THE FEMA 100-YR FLOODPLAIN

<u>PROJECT INFO:</u>

TOTAL DISTURBANCE AREA = 11.33 AC

RECEIVING WATERS: JIMMY CAMP CREEK

ANTICIPATED START OF CONSTRUCTION: SPRING 2022

ANTICIPATED END OF LAND DISTURBANCE: WINTER 2022

ANTICIPATED FINAL STABILIZATION: SPRING 2023

GEC LEGEND:

(CWA) CONCRETE WASHOUT AREA CF CONSTRUCTION FENCE _____X__ (DD) DIVERSION DITCH ← · · • \oslash IP) INLET PROTECTION \mathfrak{G} (CIP) CULVERT INLET PROTECTION (SCL) SEDIMENT CONTROL LOG (SF) SILT FENCE SSA) STABILIZED STAGING AREA SP) STOCKPILE MANAGEMENT (VTC) VEHICLE TRACKING CONTROL 224224 (LOD) LIMITS OF CONSTRUCTION (CUT/FILL LIMIT) (SM) SEEDING AND MULCHING FILL AREA (ALL OTHER remove from this sheet for clarity AREAS ARE CUT) HR GREEN: ADDRESSED: (RS) ROCK SOCK FILL AREA NO LONGER SHOWN ON THIS SHEET TSB) TEMPORARY SEDIMENT BASIN (ECB) EROSION CONTROL BLANKET ELEVATION OF TOP/BOTTOM OF WALL TW/BW PROP FLOW DIRECTION

EX FLOW DIRECTION



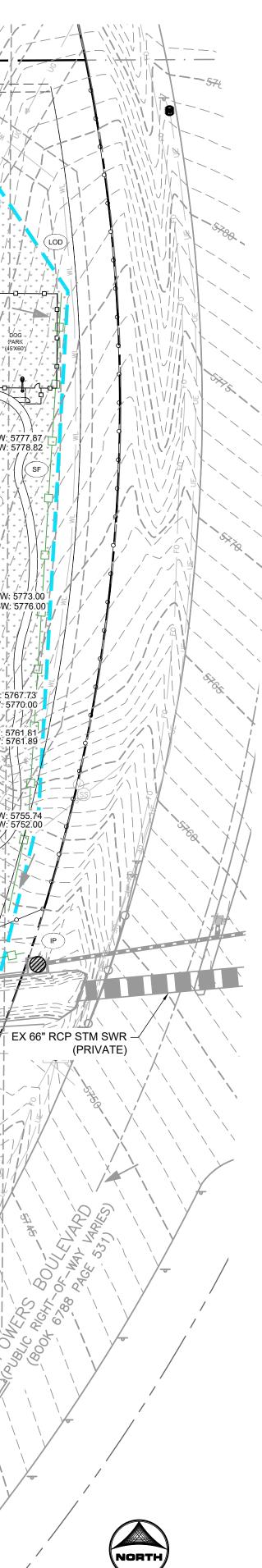


EL PASO COUNTY CONSTRUCTION DOCUMENTS GEC- INTERIM PLAN

NOTEORCONSTRUCTION. SHEET EC







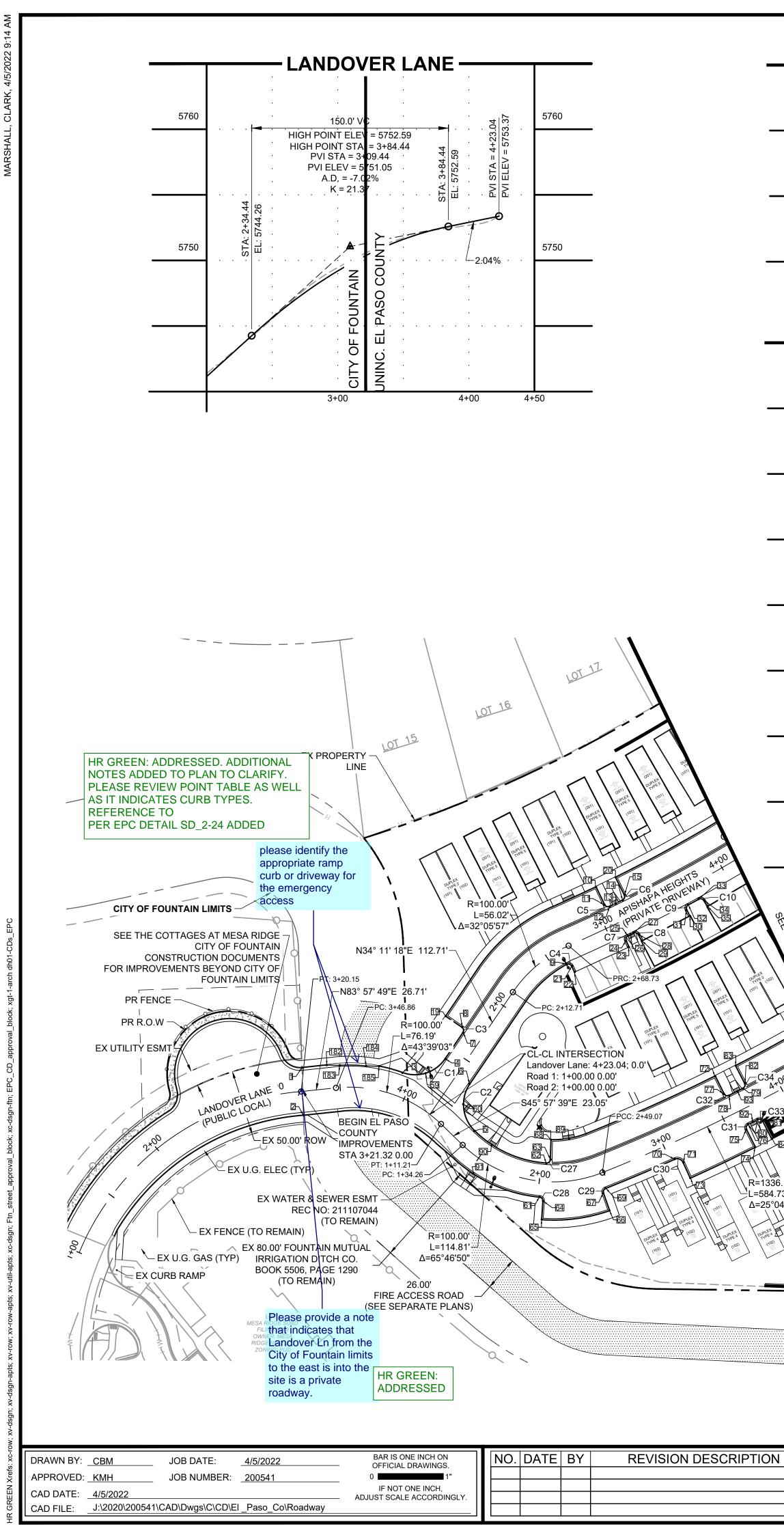
GEC LEGEND	:
	CWA
	CF
• • • •	DD
\bigotimes	IP
\bigotimes	CIP
	SCL
ooo	SF
	SSA
	SP
<u>55555</u>	VTC
	LOD
* * * * * * *	SM
· · · · · · · · · · · · · · · · · · ·	FA
	RS
	(TSB
	(ECB

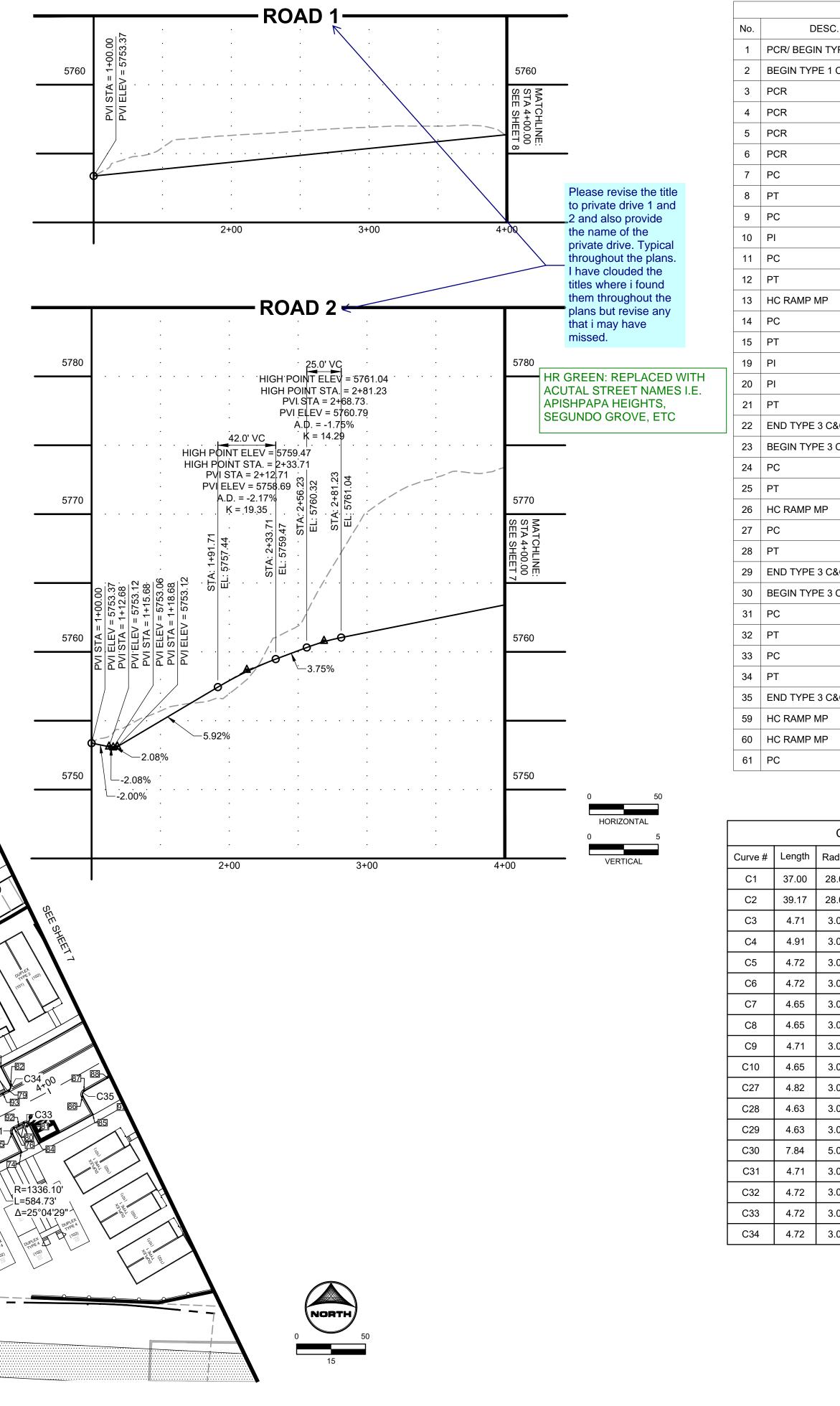
TW/BW

WA	CONCRETE WASHOUT AREA				
CF	CONSTRUCTION FENCE				
	DIVERSION DITCH				
IP	INLET PROTECTION				
	CULVERT INLET PROTECTION				
ICL	SEDIMENT CONTROL LOG				
SF	SILT FENCE				
SA	STABILIZED STAGING AREA				
SP	STOCKPILE MANAGEMENT				
тс	VEHICLE TRACKING CONTROL				
.OD	LIMITS OF CONSTRUCTION (CUT/FILL LIMIT)				
SM	SEEDING AND MULCHING				
Ā	FILL AREA (ALL OTHER AREAS ARE CUT)	eet for clarity			
रऽ	ROCK SOCK	HR GREEN: ADDRESSED: FILL AREA NO LONGER			
SB	TEMPORARY SEDIMENT BASIN	SHOWN ON THIS SHEET			
СВ	EROSION CONTROL BLANKET				
	ELEVATION OF TOP/BOTTOM OF WALL				
	PROP FLOW DIRECTION				

EX FLOW DIRECTION







HR GREEN - COLORADO SPRINGS 7222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919 HRGreen PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 | HRGreen.com

THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT EL PASO COUNTY, COLORADO

	POINT TABLE] [POINT TABL	.E		
SC.	ALIGNMENT	STATION	OFFSET	FL EL.		No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
TYPE 1 C&	G Landover Lane	STA 3+22.73	18.0' L	5750.38		62	PC	Road 2	STA 2+04.49	14.0' L	5754.16
1 C&G	Landover Lane	STA 3+20.15	18.0' R	5749.90		63	PT	Road 2	STA 2+08.11	17.1' L	5754.29
(Landover Lane	STA 3+92.13	18.0' L	5752.24	-	64	PT	Road 2	STA 2+04.01	15.0' R	5754.77
	Road 1	STA 1+41.66	14.0' L	5753.91		65	PI	Road 2	STA 2+04.01	29.0' R	5755.03
5	Road 1	STA 1+08.73	35.2' R	5753.34		66	PI	Road 2	STA 2+44.56	29.0' R	5755.49
	Road 1	STA 1+36.32	12.0' R	5754.12		67	PC	Road 2	STA 2+44.56	15.0' R	5755.23
5	Road 1	STA 1+65.86	14.0' L	5755.57		68	PI	Road 2	9TA 2+08.11	32.0' L	5754.58
<u> </u>	Road 1	STA 1+68.86	17.0' L	5755.97		69	PT	Road 2	STA 2+47.17	12.0' R	5755.10
	Road 1	STA 2+60.53	12.0' R	5760.74		70	PC	Road 2	STA 3+03.57	12.0' R	5755.67
\rightarrow	Road 1	STA 3+06.84	32.0' L	5761.63		71	PT	Road 2	&TA 3+08.51	17.0' R	5755.8 ²
{	Road 1	STA 3+06.84	17.0' L	5761.34		72	PI	Road 2	STA 3+58.87	32.0' L	5756.05
	Road 1	STA 3+09.89	14.0' L	5761.37		73	PI	Road 2	&TA 3+08.51	30.0' R	5756.05
P	Road 1	STA 3+15.07	14.0' L	5761.50		74	PI	Road 2	STA 3+62.04	30.0' R	5756.7 ²
<u> </u>	Road 1	STA 3+21.08	14.0' L	5761.59		75	PC	Road 2	STA 3+62.04	15.0' R	5756.28
	Road 1	STA 3+24.12	17.0' L	5761.68		76	PT	Road 2	STA 3+65.01	12.0' R	5756.27
	Road 1	STA 1+68.86	32.0' L	5756.25		77	PC	Road 2	STA 3+58.87	17.0' L	5755.7
	Road 1	STA 3+24.12	32.0' L	5762.02		78	PT	Road 2	STA 3+61.91	14.0' L	5755.73
{	Road 1	STA 2+64.06	15.1' R	5761.37		79	PC	Road 2	STA 3+73.97	14.0' L	5755.8
C&G	Road 1	STA 2+63.88	20.2' R	5762.00		80	PC	Road 2	STA 3+73.06	12.0' R	5756.34
3 C&G	Road 1	STA 3+09.65	20.2' R	5762.00		81	PT	Road 2	STA 3+76.02	15.0' R	5756.43
	Road 1	STA 3+09.74	14.9' R	5761.90		82	PT	Road 2	STA 3+77.00	17.0' L	5755.93
5	Road 1	STA 3+12.71	12.0' R	5761.90		83	PI	Road 2	STA 3+77.00	32.0' L	5756.25
P	Road 1	STA 3+15.06	12.0' R	5762.01		84	PI	Road 2	STA 3+75.97	30.0' R	5756.75
5	Road 1	STA 3+17.41	12.0' R	5762.10		85	PI	Road 2	STA 4+19.28	30.0' R	5757.17
	Road 1	STA 3+20.38	14.9' R	5762.50		86	PC	Road 2	STA 4+19.28	15.0' R	5757.12
C&G	Road 1	STA 3+20.48	20.3' R	5763.10		87	PT	Road 2	STA 4+22.25	12.0' R	5756.86
3 C&G	Road 1	STA 3+60.90	20.1' R	5763.10		88	PC	Road 2	STA 4+41.55	12.0' R	5757.05
5	Road 1	STA 3+60.90	15.0' R	5762.95		89	HC RAMP MP	Road 2	STA 2+28.22	32.0' L	5754.7
2	Road 1	STA 3+63.86	12.0' R	5762.94	-	90	HC RAMP MP	Road 2	STA 1+52.86	14.0' L	5753.57
	Road 1	STA 3+72.97	12.0' R	5763.21		92	HC RAMP MP	Road 2	STA 3+69.03	12.0' R	5756.30
	Road 1	STA 3+75.93	14.9' R	5763.60		93	HC RAMP MP	Road 2	STA 3+69.10	14.0' L	5755.85
C&G	Road 1	STA 3+76.03	20.2' R	5764.20		182	END TYPE 1 C&G	Landover Lane	STA 3+41.54	18.0' L	5750.83
P	Road 1	STA 1+23.99	20.3' L	5753.04		183	BEGIN TYPE 5 C&G	Landover Lane	STA 3+50.87	16.8' L	5751.26
P	Road 1	STA 1+20.75	16.7' R	5753.21		184	END TYPE 5 C&G	Landover Lane	STA 3+67.99	16.8' L	5751.8 [,]
\longrightarrow	Road 2	STA 2+01.40	12.0' R	5754.65		185	BEGIN TYPE 1 C&G	Landover Lane	STA 3+76.46	18.0' L	5752.39

tuni

Curv	ve Table	
adius	Delta	Centerline/Flowline
8.00	75°42'56"	Flowline
8.00	80°08'56"	Flowline
3.00	90°00'00"	Flowline
3.00	93°40'48"	Flowline
3.00	90°08'58"	Flowline
3.00	90°08'58"	Flowline
3.00	88°51'25"	Flowline
3.00	88°45'05"	Flowline
3.00	89°52'44"	Flowline
3.00	88°45'05"	Flowline
3.00	92°04'17"	Flowline
3.00	88°30'19"	Flowline
3.00	88°30'19"	Flowline
5.00	89°47'18"	Flowline
3.00	89°52'22"	Flowline
3.00	90°07'49"	Flowline
3.00	90°03'49"	Flowline
3.00	90°07'49"	Flowline

Please revise to drive1 and 2

HR GREEN: REPLACED WITH ACUTAL STREET NAMES I.E. APISHPAPA HEIGHTS, SEGUNDO GROVE, ETC

EL PASO COUNTY ENGINEER
CONSTRUCTION DRAWING DESIGN APPROVAL

PROJECT NUMBER: WORK ORDER NUMBER:

SHEET ____ OF ____

NOX. -r FOR CONSTRUCTION

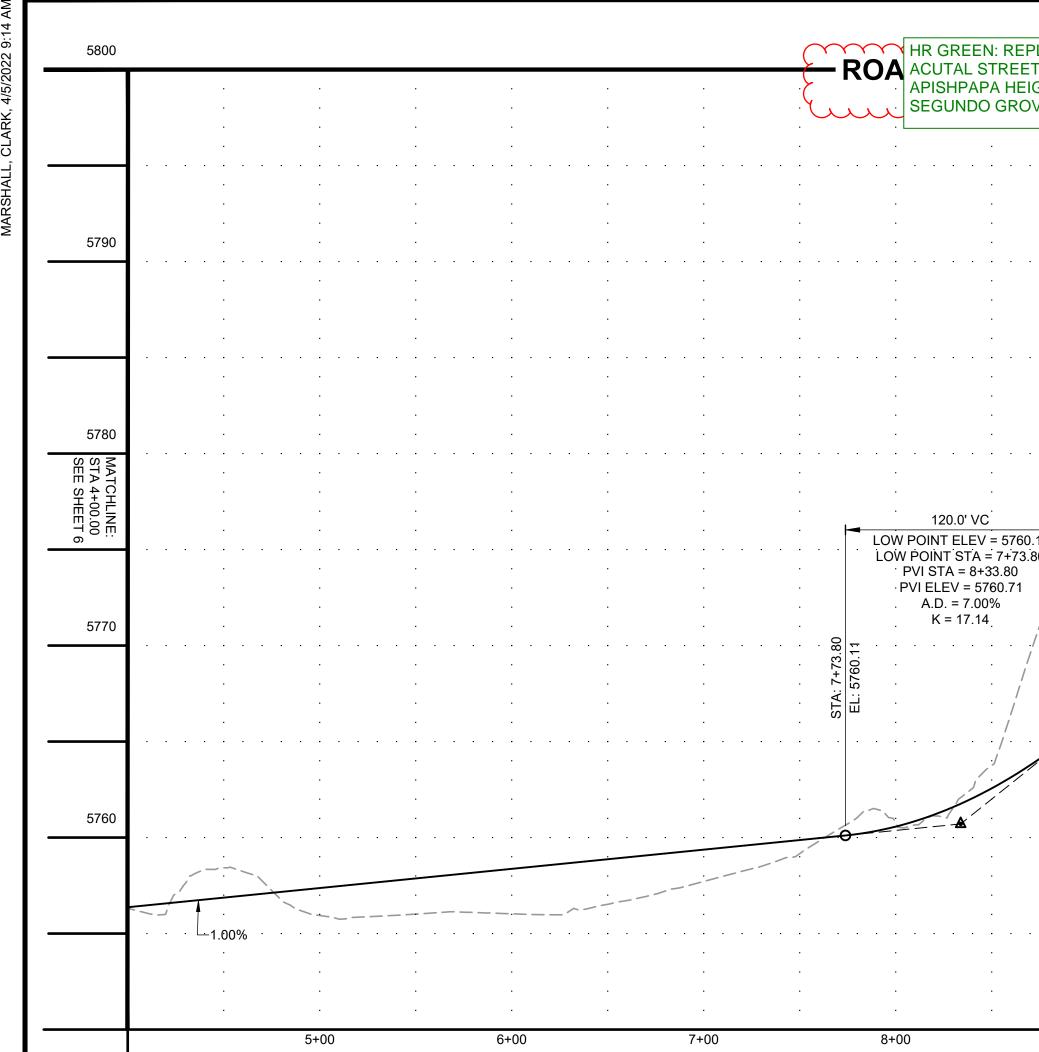
APPROVAL EXPIRES ONE (1) YEAR FROM THE DATE ABOVE AND RESUBMITTAL OF THESE PLANS FOR REVIEW AND APPROVAL IS REQUIRED IF CONSTRUCTION DOES NOT BEGIN DURING THIS PERIOD.



EL PASO COUNTY CONSTRUCTION DOCUMENTS

ROADWAY PLAN & PROFILE

SHEET RD 6



No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
94	PCC	R HR GREE	1700.10	33.9' R	5757.93
95	HC RAMP MP		5ED +67.77	32.3' R	5757.90
96	PT	Road 2	STA 4+65.26	37.6' R	5758.10
97	PI	Road 2	STA 4+51.25	37.5' R	5758.37
98	PI	Road 3	STA 2+54.80	31.0' R	5759.52
99	PI 🖌	Road 3	STA 2+54.80	13.0' R	5759.15
100	PI	Road 3	STA 2+64.80	13.0' R	5759.35
101	END TYPE 3 C&G	Road 3	STA 2+64.80	7.8' R	5759.42
102	BEGIN TYPE 3 C&G	Road 3	STA 2+64.80	7.8' L	5759.42
103	PI	Road 3	STA 2+64.80	13.0' L	5759.35
104	PI	Road 3	STA 2+54.80	13.0' L	5759.15
105	PI	Road 3	STA 2+54.80	31.0' L	5759.51
106	PI	Road 2	8TA 5+11.52	38.7' R	5758.36
107	PC	Road 2	STA 4+97.23	38.2' R	5758.10
108	PCC	Road 2	8TA 4+94.45	34.7' R	5757.96
109	END TYPE 3 C&G	Road 2	STA 5+19.07	12.1' R	5758.32
110	HC RAMP MP	Road 2	8TA 5+15.83	12.5' R	5757.79
111	PI	Road 2	STA 5+06.10	32.0' L	5757.52
112	PC	Road 2	STA 5+06.10	17.0' L	5757.22
113	PT	Road 2	STA 5+09.13	14.0' L	5757.22
114	HC RAMP MP	Road 2	STA 5+17.06	14.0' L	5757.30
115	PC	Road 2	STA 5+21.08	14.0' L	5757.33
116	РТ	Road 2	STA 5+24.12	17.0' L	5757.40
117	PI	Road 2	STA 5+24.12	32.0' L	5757.72
118	PI	Road 2	STA 6+62.37	32.0' L	5759.09
119	PC	Road 2	STA 6+62.37	17.0' L	5758.78
120	PT 🗸	Road 2	STA 6+65.41	14.0' L	5758.77
121	PC	Road 2	STA 6+68.55	14.0' L	5758.80
122	PT	Road 2	STA 6+71.59	17.0' L	5758.87
123	PI	Road 2	STA 6+71.59	32.0' L	5759.20

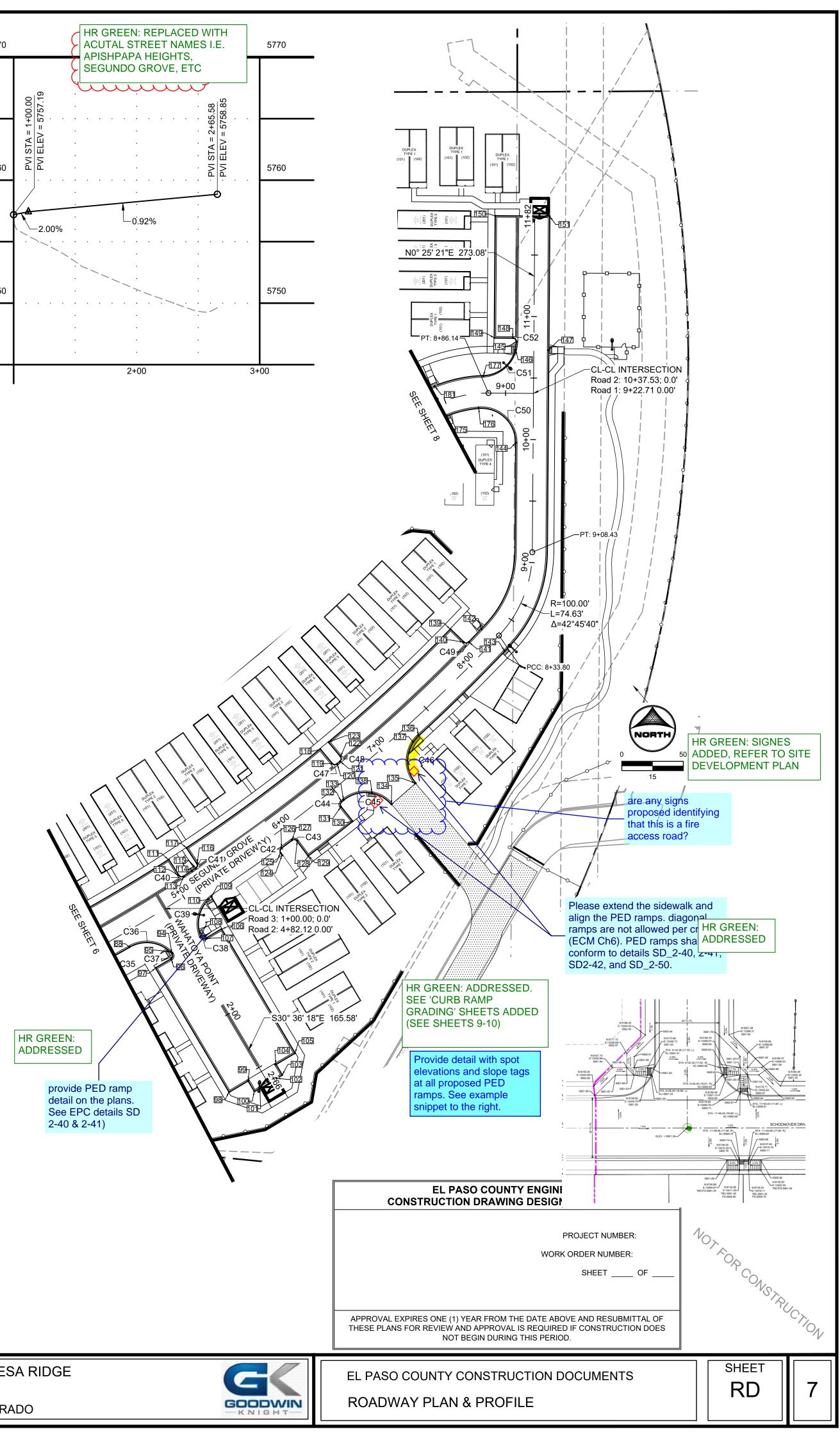
		F	HR GREEN: ADDRESSED			1
No.	DESC.	ALIGN		_N	OFFSET	FL EL.
124	BEGIN TYPE 3 C&G	Road 2	2 STA 5+8	84.69	17.2' R	5758.57
125	PC	Road 2	2 STA 5+8	34.73	14.9' R	5758.52
126	PT	Road 2	2 S TA 5+8	37.70	12.0' R	5758.49
127	PC	Road 2	2 STA 5+9	98.26	12.0' R	5758.59
128	PT C	Road 2	2 S TA 6+0)1.23	15.0' R	5758.68
129	PI 🖌	Road 2	2 STA 6+0)1.23	30.0' R	5758.99
130	PI 🗸	Road 2	2 S TA 6+4	5.82	30.0' R	5759.53
131	PC	Road 2	2 STA 6+4	5.82	15.0' R	5759.21
132	PT 🖌	Road 2	2 S TA 6+4	8.79	12.0' R	5759.08
133	PCR	Road 2	2 STA 6+5	51.00	12.0' R	5759.10
134	END TYPE 3 C&G	Road 2	2 S TA 6+7	78.19	39.6' R	5758.87
135	BEGIN TYPE 3 C&	Road 2	2 STA 7+0)3.45	39.3' R	5759.39
136	PCR	Road 2	2 S TA 7+3	80.63	12.0' R	5759.94
137		Road 2	2 STA 7+2	23.96	12.8' R	5759.82
138	HC RAMP MP	Road 2	2 S TA 6+7	2.17	22.3' R	5759.54
139	PI	Road 2	2 S TA 8+0	9.90	32.0' L	5760.72
140	PC	Road 2	2 S TA 8+0	9.90	17.0' L	5760.74
141	PT C	Road 2	2 S TA 8+1	2.94	14.0' L	5760.61
142		Road 2	2 S TA 8+2	27.83	14.0' L	5761.16
143	HC RAMP MP	Road 2	2 😽 🕹 🕹 2	27.77	12.0' R	5761.74
144	PCR	Road 2	2 3 TA 9+9	97.28	14.0' L	5773.45
145	PCR	Road 2	2 8TA 10+	79.52	14.0' L	5777.52
146		Road 2	2 STA 10+	72.79	14.8' L	5777.39
147	НС КАМР МР	Road 2	2 STA 10+	72.78	12.0' R	5778.25
148	PT	Road 2	2 STA 10+	82.51	17.0' L	5777.64
149	PI	Road 2	2 S TA 10+	82.51	32.0' L	5777.95
150	PT	Road 2	2 STA 11+	81.51	32.0' L	5779.97
151	РТ	Road 2	2 STA 11+	81.51	12.0' R	5780.27
176	PCR	Road 1	STA 8+7	7.07	12.0' R	5775.00
177	PCR	Road 1	STA 8+8	32.31	14.0' L	5774.66

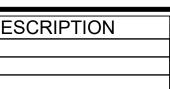
.`									
: xc-rc	DRAWN BY:	СВМ	JOB DATE:	4/5/2022	BAR IS ONE INCH ON - OFFICIAL DRAWINGS.	NC	. DATE	BY	REVISION DES
Xrefs:	APPROVED:	KMH	JOB NUMBER:	200541	0 11				
GREEN	CAD DATE:	4/5/2022			IF NOT ONE INCH, - ADJUST SCALE ACCORDINGLY.				
RGF	CAD FILE:	J:\2020\200541\0	CAD\Dwgs\C\CD\E	I_Paso_Co\Roadway					

) Xrefs: sc-row: sv-dsan: sv-dsan-apts: sv-row: sv-row-apts: sv-util-apts: sc-dsan: Etn street approval block: sc-dsan-ftn: EPC CD approval block: sct-d-arch dh01-CDs EPC

PLACED WITH						5800	. <u>-</u>	5770	(HR GREEN: REPLACED ACUTAL STREET NAME APISHPAPA HEIGHTS,
EIGHTS, DVE, ETC	· · · · · · · · · · · · · · · · · · ·	· · ·	· · ·						·0	SEGUNDO GROVE, ET
• • • • • • • • •	• • • • • • • •		· · · · · · ·				. .		A = 1+00.00 EV = 5757.19	
· · ·		GH POINT ELEV GH POINT STA. ; PVI STA = 10+	/ = 5777.51 = 10+62.53 +37.53			5790		5760	PVI STA =	· · ·
· · · · · · · · · · · · · · · · · · ·		PVI ELEV = 57 A.D. = -6.0 K = 8.32	1% · ເ		88			c		A
		10+12.53 5775.01	STA: 10+62.5 EL: 5777.51		<u>A = 11+81.51</u> <u>EV = 5779.88</u>		• .		2.00%	└─0.92% · · · · · · · · · · · · · · · · · · ·
• • •	· · ·	STA: STA: EL:	. o		PVI STA =	5780		5750		
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0.11							· -			2+00
STA: 8+93.80 EL: 5765.51.		· · ·	· · ·			5770				
STA EL:	8.00%	· · · · · · · · ·	· · · · · · ·		· · · · · ·					
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		· · ·	· · ·					5		
9+00	10	+00	11+	00	12	2+00	VERTICAL			

	Curve Table							
Curve #	Length	Radius	Delta					
C36	37.60	28.00	76°56'16"					
C37	5.37	3.00	102°38'48"					
C38	5.17	3.00	98°45'33"					
C39	36.19	28.00	74°03'36"					
C40	4.72	3.00	90°07'49"					
C41	4.72	3.00	90°07'49"					
C42	4.66	3.00	88°54'28"					
C43	4.71	3.00	89°52'22"					
C44	4.71	3.00	89°52'22"					
C45	43.27	28.00	88°32'23"					
C46	43.03	28.00	88°02'44"					
C47	4.72	3.00	90°07'49"					
C48	4.72	3.00	90°07'49"					
C49	4.72	3.00	90°07'49"					
C50	46.52	28.00	95°11'48"					
C51	43.01	28.00	88°00'41"					
C52	4.70	3.00	89°47'43"					





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THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT EL PASO COUNTY, COLORADO

POINT TABLE								
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.			
16	PI	Road 1	STA 4+35.17	32.0' L	5764.19			
17	PC	Road 1	STA 4+35.22	17.0' L	5763.90			
18	PT	Road 1	STA 4+38.27	14.0' L	5763.93			
36	BEGIN TYPE 3 C&G	Road 1	STA 4+35.92	27.6' R	5764.62			
37	PC	Road 1	STA 4+36.32	14.9' R	5764.42			
38	PT	Road 1	STA 4+39.28	12.0' R	5764.43			
39	HC RAMP MP	Road 1	STA 4+41.83	12.0' R	5764.52			
40	PC	Road 1	STA 4+53.20	12.0' R	5764.72			
41	PT	Road 1	STA 4+56.16	15.0' R	5764.84			
42	HC RAMP MP	Road 1	STA 4+41.81	14.0' L	5764.01			
43	PC	Road 1	STA 4+51.48	14.0' L	5764.19			
44	PT	Road 1	STA 4+54.53	17.0' L	5764.29			
45	PI	Road 1	STA 4+54.53	32.0' L	5764.62			
46	PI	Road 1	STA 4+56.16	29.0' R	5765.15			
47	PI	Road 1	STA 5+63.15	29.0' R	5767.26			
48	PC	Road 1	STA 5+63.15	15.0' R	5766.98			
49	РТ	Road 1	STA 5+66.11	12.0' R	5766.97			
50	PC	Road 1	STA 5+69.10	12.0' R	5767.03			
51	РТ	Road 1	STA 5+72.07	15.0' R	5767.15			
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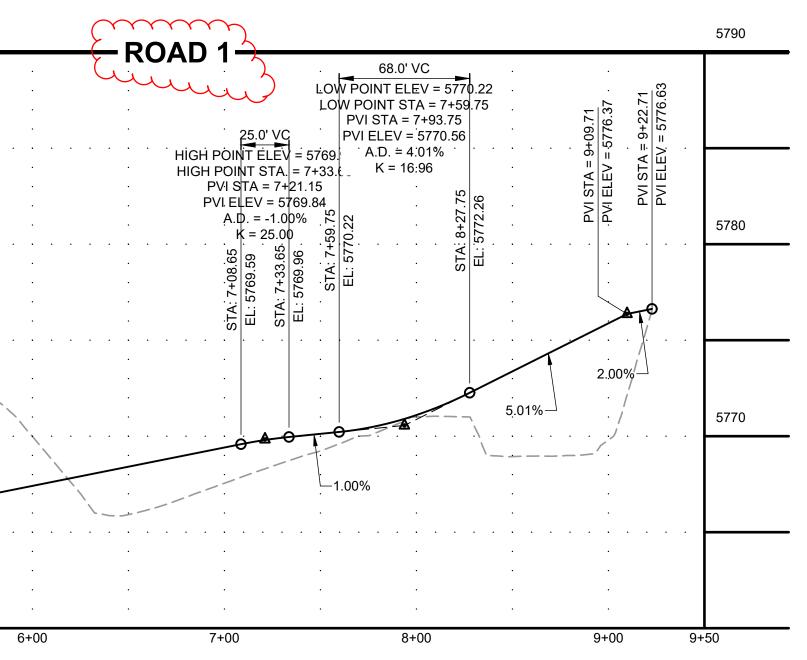
POINT TABLE									
No.	DESC.		ALIGNMENT	STATION	OFFSET	FL EL			
52	PI	6	Road 1	STA 5+72.07	29.0' R	5767.4			
53	PI	4	Road 1	STA 5+84.08	32.0' L	5767.1			
54	PC	6	Road 1	STA 5+84.08	17.0' L	5766.8			
55	PT	4	Road 1	STA 5+87.12	14.0' L	5766.8			
56	PC	۶	Road 1	STA 5+90.29	14.0' L	5766.9			
57	PT	4	Road 1	STA 5+93.33	17.0' L	5767.0			
58	PI	۶	Road 1	STA 5+93.33	32.0' L	5767.4			
152	PI	4	Road 1	STA 6+61.09	29.0' R	5769.2			
153	PC	٢	Road 1	STA 6+61.09	15.0' R	5768.9			
154	PT	7	Road 1	STA 6+64.05	12.0' R	5768.9			
155	PC	٢	Road 1	STA 6+73.94	12.0' R	5769.2			
156	PT	7	Road 1	STA 6+76.90	14.9' R	5769.6			
157	END TYPE 3 C&G	7	Road 1	STA 6+76.99	20.2' R	5770.1			
158	PI	7	Road 1	STA 7+32.41	32.0' L	5770.0			
159	PC	٢	Road 1	STA 7+32.41	17.0' L	5769.7			
160	PT	7	Road 1	STA 7+35.49	14.0' L	5769.7			
161	HC RAMP MP	٢	Road 1	STA 7+39.69	14.0' L	5769.8			
162	PC	8	Road 1	STA 7+50.07	14.0' L	5769.9			
163	PT	٢	Road 1	STA 7+53.15	17.0' L	5770.0			

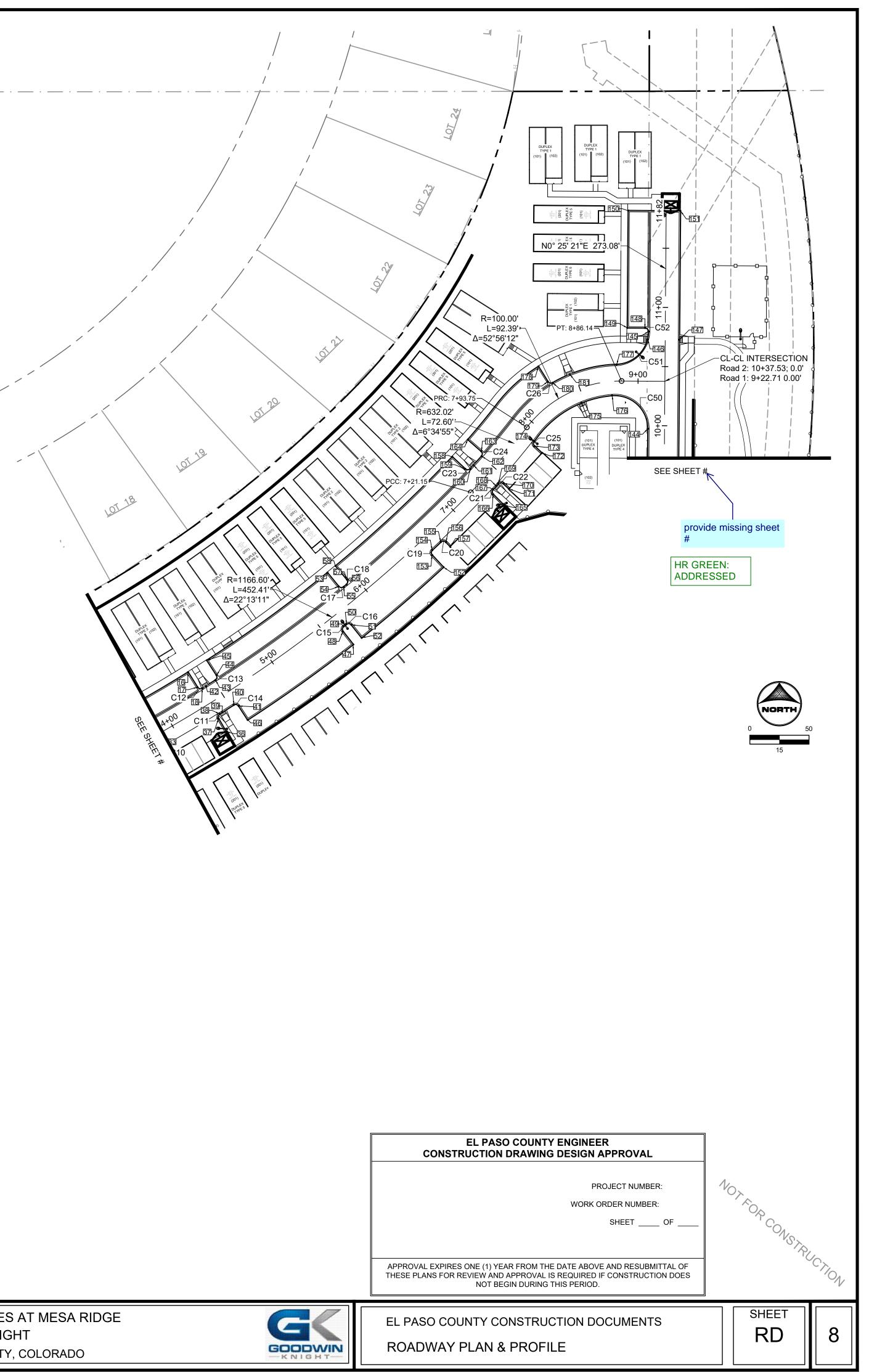
	Curve Table							
Curve #	Length	Radius	Delta					
C11	4.61	3.00	87°59'29"					
C12	4.71	3.00	89°57'01"					
C13	4.72	3.00	90°08'58"					
C14	4.70	3.00	89°51'16"					
C15	4.70	3.00	89°51'16"					
C16	4.70	3.00	89°51'16"					
C17	4.72	3.00	90°08'58"					
C18	4.72	3.00	90°08'58"					
C19	4.70	3.00	89°51'16"					
C20	4.65	3.00	88°51'27"					
C21	4.58	3.00	87°29'50"					
C22	4.74	3.00	90°26'34"					
C23	4.73	3.00	90°16'46"					
C24	4.73	3.00	90°16'46"					
C25	4.47	3.00	85°22'45"					
C26	4.64	3.00	88°31'51"					

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BAR IS ONE INCH ON OFFICIAL DRAWINGS. DRAWN BY: <u>CBM</u> NO. DATE BY **REVISION DESCRIPTION** 4/5/2022 JOB DATE: JOB NUMBER: <u>200541</u> APPROVED: <u>KMH</u> 0 1 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

POINT TABLE									
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.				
164	PI	Road 1	STA 7+53.15	32.0' L	5770.27				
165	BEGIN TYPE 3 C&G	Road 1	STA 7+32.37	27.8' R	5770.85				
166	PC	Road 1	STA 7+32.86	14.9' R	5770.78				
167	PT 🖌	Road 1	STA 7+35.79	12.0' R	5770.42				
168	HC RAMP MP	Road 1	STA 7+39.67	12.0' R	5770.36				
169	PC	Road 1	STA 7+42.10	12.0' R	5770.34				
170	рт С	Road 1	STA 7+45.03	15.0' R	5770.61				
171	END TYPE 3 C&G	Road 1	STA 7+44.96	21.6' R	5771.12				
172	BEGIN TYPE 3 C&G	Road 1	STA 7+84.63	23.4' R	5771.12				
173	PC	Road 1	STA 7+85.27	14.8' R	5771.00				
174	РТ	Road 1	STA 7+88.19	12.0' R	5771.01				
175	HC RAMP MP	Road 1	STA 8+46.71	12.0' R	5773.47				
176	PCR	Road 1	STA 8+77.07	12.0' R	5775.00				
177	PCR	Road 1	STA 8+82.31	14.0' L	5774.66				
178	PI	Road 1	STA 8+29.95	32.0' L	5772.43				
179	PC	Road 1	STA 8+29.95	17.0' L	5772.25				
180	РТ	Road 1	STA 8+32.51	14.0' L	5772.20				
181	HC RAMP MP	Road 1	STA 8+46.69	14.0' L	5772.90				
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HR GREEN - COLORADO SPRINGS

THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT EL PASO COUNTY, COLORADO

FSD SANITARY SEWER CONSTRUCTION NOTES:

- 1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH FOUNTAIN SANITATION DISTRICT DESIGN CRIT AND CONSTRUCTION SPECIFICATIONS.
- 2. CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS PRIOR TO INSTALLATION OF NEW SANITARY SEWER SYSTEM.
- 3. THE CONTRACTOR ASSUMES RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES DURING THE WORK. PRIOR TO ANY EXCAVATION, CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 811 AT LEAST TWO WORKING DAYS PRIOR TO DIGGING.
- 4. ALL PROPOSED SANITARY SEWER PIPELINES WITHIN THIS PROJECT SHALL BE AIR TESTED AND VIDEO INSPECTED PE THE FOUNTAIN SANITATION DISTRICT (FSD) STANDARD SPECIFICATIONS,
 5. ALL AS-CONSTRUCTED RECORDS AND OTHER REQUIREMENTS OF THE SUBDIVISION PUBLIC IMPROVEMENTS AGREEME
- SHALL BE COMPLETED PRIOR TO CONSIDERATION OF ACCEPTANCE OF THE SYSTEM BY THE DISTRICT,
 6. DURING THE CONSTRUCTION OF THE SANITARY SEWER SYSTEM THE CONTRACTOR SHALL HAVE IN HIS/HER POSSESSION AT LEAST ONE "APPROVED FOR CONSTRUCTION" SET OF UPDATED PLANS AT ALL TIMES. APPROVED FIELD MODIFICATIONS TO PLAN SETS SHALL BE CLEARLY IDENTIFIED IN RED INK ON THE PLANS BY THE CONTRAC PER FIELD CONSTRUCTION. THESE AS-BUILT CHANGES SHALL BE DATED AND SUBMITTED TO THE ENGINEER OF
- RECORD. THE ENGINEER OF RECORD SHALL PREPARE A COMPLETE SET OF "AS CONSTRUCTED" DRAWINGS AND DELIVER THE SETS TO THE FOUNTAIN SANITATION DISTRICT PRIOR TO FINAL ACCEPTANCE OF THE SANITARY SEWER SYSTEM. 7. WITH PRIOR APPROVAL, THE CONTRACTOR SHALL PROVIDE 3 DEGREE BENDS ON ALL CURVILINEAR SANITARY SEWER
- PIPE AT THE LOCATIONS DETAILED ON THE APPROVED CONSTRUCTION PLANS. 8. SANITARY SEWER SERVICE LINES SHALL BE LOCATED PER THE DETAIL ON THE UTILITY SERVICE PLAN, THE
- DIMENSIONS GIVEN AT EACH LOT WHERE A TYPICAL INSTALLATION IS REQUIRED OR AT THE DIRECTION OF THE FOUNTAIN SANITATION DISTRICT REPRESENTATIVE.
- 9. SERVICE STUBS SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET INTO THE PROPERTY, UNLESS OTHERWISE SHOWN, AND THE END OF THE STUB SHALL BE MARKED WITH A 2"X4"X12' STEEL OR WOODEN POST PAINTED GREEN.
- 10. OVERLOT GRADING AND STREET SUBGRADE MUST BE WITHIN \pm ONE (1) FOOT PRIOR TO ANY UTILITY INSTALLATION 11. CONTRACTOR TO CONSTRUCT ALL MANHOLES AND STRUCTURES TO FINISHED GRADE.
- 12. ALL SANITARY SERVICE PIPE TO BE GREEN GASKET SDR35.
- 13. ALL 3° BENDS SHALL BE A SPIGOT X BELL FITTING. THE SPIGOT END OF EACH BEND FITTING SHALL BE INSERTED THE BELL OF A FULL PIECE (13 FEET) OF ASTM D3034 FOR PVC, SDR 26 OR 35 PIPE WITH THE SUBSEQUENT UPSTREAM PIPE SEGMENT BEING A FULL PIECE OF PIPE. EACH JOINT OF PIPE MAY BE DEFLECTED TO A MINIMUM RADIUS OF 200 FEET IN CONFORMANCE WITH THE MANUFACTURER'S SPECIFICATIONS BETWEEN EACH BEND FITTING THE CONTRACTOR SHALL USE EXTREME CARE AND EXPERT WORKMANSHIP TO PROVIDE PROPER HORIZONTAL AND VERTICAL ALIGNMENT THROUGH SECTIONS WITH 3° BENDS.
- 14. MINIMUM RADIUS FOR SANITARY SEWER WITHOUT JOINT FITTINGS IS 267 FEET USING A 14-FOOT-LONG PIPE SEGMENT.
- 15. CONTRACTOR SHALL BE AWARE THAT WHEN DEBRIS IS DROPPED INTO MANHOLES AND OTHER STRUCTURES, THEY TO IMMEDIATELY REMOVE THIS TO ELIMINATE THE POSSIBILITY OF PROPERTY DAMAGE DUE TO THE DEBRIS-CAUSING BACKUP INTO PRIVATE PROPERTIES. IF AND WHEN IT IS DETERMINED THAT DEBRIS CAUSED A BACKUP, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DAMAGES.
- 16. NO TREES ARE TO BE PLANTED WITHIN ANY SEWER EASEMENT OR WITHIN FIFTEEN (15) FEET OF ANY MANHOLE OR PIPE.
- 17. ACCESS TO MANHOLES AND INLETS SHALL BE MADE AVAILABLE FOR MAINTENANCE PURPOSES. 18. ALL MANHOLES SHALL RECEIVE AN EXTERIOR WATERPROOF COATING OF COAL TAR EPOXY, ICS DEVOE "DEVTAR," OR
- 18. ALL MANHOLES SHALL RECEIVE AN EXTERIOR WATERPROOF COATING OF COAL TAR EPOXY, ICS DEVOE "DEVTAR," APPROVED EQUIVALENT.
- 19. ALL MANHOLES SHALL RECEIVE AN EXTERIOR JOINT WRAP TO BEST ASSURE WATERTIGHTNESS. REFER TO THE FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICATIONS FOR MATERIALS AND INSTALLATION REQUIREMENTS.
- 20. ALL SANITARY SEWER MANHOLES ON THIS PROJECT SHALL BE SUBJECT TO VACUUM TESTING PRIOR TO THE CONSIDERATION OF ACCEPTANCE BY THE DISTRICT. AT THE DISTRICT'S SOLE OPTION, ADDITIONAL VACUUM TESTING MAY BE REQUIRED DURING AND PRIOR TO THE CONCLUSION OF THE WARRANTY PERIOD FOR THIS WORK. REFER TO THE FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICATIONS FOR TESTING REQUIREMENTS.
- 21. CLASS "B" GRANULAR BEDDING SHALL BE UTILIZED FOR ALL WASTEWATER PIPELINE CONSTRUCTION ON THIS PROJECT. AS A MINIMUM, THE CLASS "B" BEDDING SHALL BE COMPRISED OF 3/4-INCH CRUSHED ROCK. LARGER AGGREGATE AND/OR ALTERNATIVE GRADATIONS MAY BE NECESSARY IN ORDER TO ADDRESS TRENCH SUBGRADE STABILIZATION CONDITIONS FOUND UPON EXCAVATION OF THE TRENCH IN ADDITION TO THE SPECIFIED CLASS "B" PIPE BEDDING.
 22. WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE 3° BENDS ON ALL CURVILIVEAR SANITARY SEWER PIPE AT THE
- 23. SANITARY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC), SDR 35, IN ACCORDANCE WITH ASTM D3034 FOR DEPTHS UP TO SIXTEEN (16) FEET. SANITARY SEWER LINES WITH COVER EXCEEDING SIXTEEN (16) FEET FROM
- FINISHED GRADE SHALL BE POLYVINYL CHLORIDE (PVC), SDR 26, IN ACCORDANCE WITH ASTM D3034. ALL SDR 26 PIPE SHALL BE BEDDED IN CLASS B BEDDING MATERIAL OR WITH RECLAIMED CONCRETE MATERIAL MEETING SANITATION DISTRICT STANDARD.
- 24. MANHOLES SHALL BE STANDARD PRECAST CONCRETE.
- 25. ALL SANITARY SEWER MANHOLES <u>SHALL NOT</u> HAVE ANY ACCESS STEPS INSTALLED INSIDE THE MANHOLE. ANY PRECAST SANITARY MANHOLES WITH STEPS SHALL HAVE THE STEPS REMOVED BY SAW CUTTING STEPS FLUSH TO THE MANHOLE AND ADDING EPOXY TO THE CUT ENDS OF THE STEPS.
- 26. SANITARY SEWER MH COVERS SHALL BE LOCATED ALONG THE CENTERLINE OF THE STREET OR AS CLOSE TO THE CENTERLINE AS IS PRACTICAL.
- 27. IF GROUNDWATER IS ENCOUNTERED DURING TRENCHING THEN THE TRENCH SHALL BE OVEREXCAVATED AND DEWATERED. WELL POINTS SHALL BE PLACED AS NECESSARY TO PREVENT WATER IN THE TRENCH. THE GROUNDWATER LEVEL SHALL BE KEPT 12–INCHES OR MORE BELOW THE UTILITY BEING INSTALLED. OVEREXCAVATED
- TRENCH DEPTH SHALL BE REPT 12-INCHES OR MORE BELOW THE UTILITY BEING INSTALLED. OVEREXCAVATED TRENCH DEPTH SHALL BE BACKFILLED WITH 2-INCH MINUS ROCK WITH <5% PASSING NO. 4 SIEVE. DEWATERING SHALL CONTINUE UNTIL SUCH TIME AS IT IS SAFE TO ALLOW THE WATER TABLE TO RISE IN THE EXCAVATION. PIPE TRENCHES SHALL CONTAIN ENOUGH BACKFILL TO PREVENT PIPE FLOATATION.
- 28. IN AREAS WHERE SANITARY SEWER WILL BE PLACED ON FILL THE CONTRACTOR SHALL SUPPLY THE FOUNTAIN SANITATION DISTRICT WITH SOIL DENSITY REPORTS PRIOR TO COMMENCING CONSTRUCTION OF THE PIPELINES. THE DENSITY REPORTS SHALL DEMONSTRATE THAT ALL FILLS PLACED WITHIN PIPELINE CONSTRUCTION SHALL BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY OR PER GEOTECHNICAL RECOMMENDATION, WHICHEVER STANDARD IS STRICTER. ADDITIONALLY, FILLS SHALL BE PLACED TO A MINIMUM OF 6' ABOVE THE TOP OF
- THE PROPOSED PIPE PRIOR TO CONSTRUCTION OF THE PIPELINES. 29. THE SANITARY SEWER SERVICES TO BE CONSTRUCTED IN THIS PROJECT SHALL BE CONNECTED TO THE MAIN WITH IN-LINE WYE FITTINGS IN ACCORDANCE WITH FOUNTAIN SANITATION DISTRICT DESIGN CRITERIA AND CONSTRUCTION SPECIFICATIONS. EACH WYE FITTING WILL BE LOCATED NO LESS THAN 3-FEET CLEAR FROM AN ADJACENT SERVICE LINE WYE FITTING. IF TWO (2) SERVICE LINES ARE LOCATED ON THE SAME SIDE OF THE WASTEWATER COLLECTION SYSTEM MAIN, THERE SHALL BE NO LESS THAN 4 FEET OF SPACE BETWEEN THE TWO SEPARATE SEWER SERVICE PIPELINES TO FACILITATE FUTURE EXCAVATION OF EACH WITHOUT DISTURBANCE.
- 30. ALL SANITARY SEWER MAINS AND PIPELINES SHALL BE CONSTRUCTED WITH COPPER TRACER WIRE, 6 GAUGE SOLID COPPER, EXTENDING FROM THE MANHOLE—TO—MANHOLE ON THE MAIN LINES. IN ADDITION, A COPPER TRACER WIRE SHALL EXTEND ALONG EACH SERVICE LINE, CONNECTED TO THE MAIN LINE COPPER TRACER WIRE, TO A LOCATION NO LESS THAN 10 FEET INSIDE THE LOT FRONTAGE. THE TRACER WIRES WILL BE CONTINUED AT THE TIME OF BUILDING SEWER CONSTRUCTION SUBJECT TO THE INSPECTION OF THE FOUNTAIN SANITATION DISTRICT.
- 31. THE TRACER WIRE WILL EXTEND UP THE OUTSIDE OF EACH MANHOLE AND BE INSERTED INTO THE MANHOLE INTERIOR UNDER ADJUSTING RINGS SET ON THE CONE WITH NO LESS THAN 1.5 FEET OF CONDUCTOR COILED AT THE MANHOLE INTERIOR.

DRAWN BY: <u>CBM</u> JOB DATE: <u>4/5/202</u>	BAR IS ONE INCH ON OFFICIAL DRAWINGS.	NO. DATE BY REVISION DESCRIPTION
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1	ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICIATIONS
	FINAL LOCATION OF ALL SEWER, WATER AND GAS SERVICES TO BE APPROVED IN THE FIELD BY THE CONSTRUCTION MANAGER AND DISTRICT INSPECTOR PRIOR TO INSTALLATION.
3.	PROPERTY END OF ALL SEWER SERVICES TO BE MARKED WITH A 12'x2"x4" STEEL OR WOODEN POST EXTENDING VERTICALLY FROM THE FLOWLINE.
4.	UTILITY LOCATIONS, WHETHER OR NOT SHOWN ON THIS PLAN, IN NO WAY RELIEVES THE CONTRACTOR FROM THE RESPONSIBILITY FOR CALLING FOR UTILITY LOCATIONS FROM THE APPROPRIATE AUTHORITIES PRIOR TO BEGINNING
	EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT ALL EXISTING UTILITIES WITHIN THE PROJECT. ANY DAMAGE TO EXISTING UTILITIES SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.
5.	REUSE OF ANY MATERIAL IS AT THE DISCRETION OF THE DISTRICT INSPECTOR.
	ALL SANITARY SERVICES TO BE INSTALLED AT THE MINIMUM PERMISSIBLE GRADE OF 2.08% UNLESS OTHERWISE PRE-APPROVED BY THE FOUNTAIN SANITATION DISTRICT.
7.	ALL SANITARY SERVICE PIPE SHALL BE GREEN GASKETED SDR35.
	SANITARY SEWER SERVICE CONNECTIONS ARE TO BE A MINIMUM OF 5' FROM THE MANHOLE.
9.	THE CONTRACTOR SHALL NOTIFY FOUNTAIN SANITATION DISTRICT'S INSPECTOR (382-5303) 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO OUTLINE METHODS OF CONSTRUCTION, MATERIALS TO BE USED AND CONSTRUCTION STAKING.
10	. ALL SANITARY SEWER SERVICE LINES TO THE RESIDENTIAL LOTS SHALL BE 4-INCH DIAMETER PIPE. SEWER SERVICE
	SHALL BE EXTENDED 10' INTO THE RESIDENTIAL LOTS TO AVOID GAS, ELECTRIC AND WATER EASEMENTS ADJACENT THE RIGHT OF WAY.
11	ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION PART C, ARTICLE II OF THE FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICATIONS MANUAL.
F	SD GENERAL SERVICE PLAN NOTES
	HE CONTRACTOR SHALL NOTIFY THE FOUNTAIN SANITATION DISTRICT OFFICE (719–382–5303) A MINIMUM OF 48 HOU RIOR TO THE START OF CONSTRUCTION.
	ENERAL:
- 1	ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICIATION
	FOUNTAIN SANITATION DISTRICT DOES NOT GUARANTEE THE ACCURACY OF LOCATIONS OF EXISTING PIPELINES, MANHOLES, AND SERVICE LINES. IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS,
	THE CONTRACTOR SHALL NOTIFY THE DISTRICT INSPECTOR AND THE DESIGN ENGINEER IMMEDIATELY.
2.	,
2. 3.	THE CONTRACTOR SHALL NOTIFY THE DISTRICT INSPECTOR AND THE DESIGN ENGINEER IMMEDIATELY. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY FACILITIES AS A RESULT OF THEIR ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY TO THE SATISFACTION OF FOUNTAIN

 FINAL LOCATION OF ALL WASTEWATER SERVICES SHALL BE APPROVED IN THE FIELD BY THE DISTRICT INSPECTOR.
 ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION PART C, ATRICLE II OF THE FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICATIONS MANUAL.

	HR GREEN - COLORADO SPRINGS	THE COTTAGES AT MESA RIDGE
	7222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919	GOODWIN KNIGHT
HRGreen	PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 HRGreen.com	EL PASO COUNTY, COLORADO

WIDEFIELD WATER AND SANITATION DISTRICT GENERAL NOTES

ALL UTILITY CONSTRUCTION TO BE CONDUCTED IN CONFORMANCE WITH THE CURRENT WIDEFIELD WATER AND SANITATION DISTRICT SPECIFICATIONS. COMPACTION REQUIREMENTS SHALL BE 95% STANDARD PROCTOR AS

DETERMINED BY ASTM D698, UNLESS OTHERWISE APPROVED BY THE WIDEFIELD WATER AND SANITATION DISTRICT OR A HIGHER STANDARD IS IMPOSED BY ANOTHER AGENCY HAVING RIGHT-OF-WAY JURISDICTION.

ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE WIDEFIELD WATER AND SANITATION DISTRICT. THE WIDEFIELD WATER AND SANITATION DISTRICT RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.

THE DEVELOPER OR HIS ENGINEER HAS LOCATED ALL FIRE HYDRANTS AND FUTURE SERVICE STUBS. ANY REQUIRED REALIGNMENT, EITHER HORIZONTAL OR VERTICAL, SHALL BE AT THE EXPENSE OF THE DEVELOPER.
 ALL DUCTILE IRON PIPE, TO INCLUDE FITTINGS, VALVES AND FIRE HYDRANTS WILL BE WRAPPED WITH POLYETHYLENE TUBING, AND ELECTRICALLY ISOLATED.

 ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE DOUBLE BONDED. SPECIFICATIONS FOR CATHODIC PROTECTION ON BOTH DIP MAINS AND PVC MAINS IS SPECIFIED IN THE STANDARDS AND SPECIFICATIONS.
 PVC MAIN LINES SHALL BE INSTALLED WITH COATED NO. 12 TRACER WIRE.

THE CONTRACTOR IS REQUIRED TO NOTIFY THE WIDEFIELD WATER AND SANITATION DISTRICT (390-7111) A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION ADJACENT TO THE KNOWN UTILITY LINES.

8. THE LOCATION OF ALL UTILITIES AS SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED PRIOR TO CONSTRUCTION BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL FIELD EXCAVATE AND VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF ALL TIE-INS.

CONTRACTOR SHALL HELD EXCAVATE AND VERIFICAL AND HORIZONTAL EDUCATION OF ALL HELLINS. CONTRACTOR SHALL NOTIFY THE WIDEFIELD WATER AND SANITATION DISTRICT AND THE ENGINEER OF THE FIELD VERIFIED INFORMATION PRIOR TO CONSTRUCTION. 10. ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION.

11. ANY WATER UTILITY MATERIAL REMOVED AND NOT REUSED SHALL BE RETURNED TO THE WIDEFIELD WATER AND SANITATION DISTRICT IF THE DISTRICT SO REQUESTS.

12. THE CONTRACTOR SHALL AT HIS EXPENSE SUPPORT AND PROTECT ALL UTILITY MAINS SO THAT THEY WILL FUNCTION CONTINUOUSLY DURING CONSTRUCTION. SHOULD A UTILITY MAIN FAIL AS A RESULT OF THE CONTRACTOR'S OPERATION, IT WILL BE REPLACED IMMEDIATELY BY EITHER THE CONTRACTOR OR THE WIDEFIELD WATER AND

SANITATION DISTRICT AT FULL COST OF LABOR AND MATERIALS TO THE CONTRACTOR. 13. ANY PUMPING OR BYPASS OPERATIONS MUST BE REVIEWED AND APPROVED PRIOR TO EXECUTION BY BOTH THE WIDEFIELD WATER AND SANITATION DISTRICT AND THE ENGINEER.

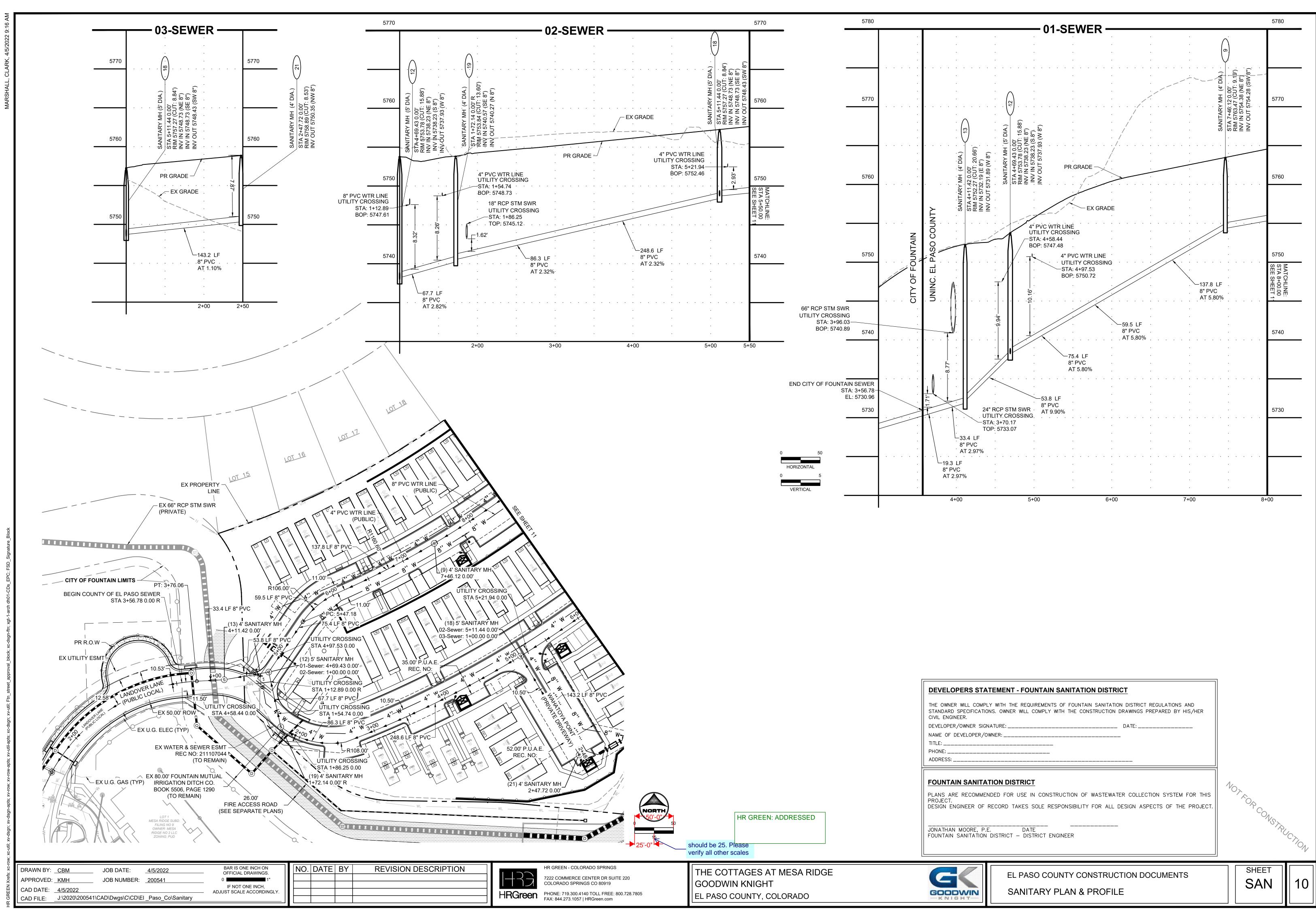
14. CONTRACTOR MUST REPLACE OR REPAIR ANY DAMAGE TO ALL SURFACE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO FENCES, CURB AND GUTTER AND/OR ASPHALT THAT MAY BE CAUSED DURING CONSTRUCTION.

 15. ALL WATER LINES 6" AND LARGER, AND ALL SEWER LINES 8" AND LARGER, SHALL HAVE AS "AS-BUILT" PLANS PREPARED AND APPROVED PRIOR TO FINAL ACCEPTANCE BY THE WIDEFIELD WATER AND SANITATION DISTRICT.
 16. PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION CONFERENCE IS REQUIRED A MINIMUM OF 72 HOURS IN ADVANCE OF COMMENCEMENT OF WORK. TO SET THE PRE-CONSTRUCTION CONFERENCE, CONTACT BRANDON BERNARD-WATER DIVISION MANAGER AND/OR JASON DREESSEN, WASTEWATER DIVISION MANAGER AT (719)955-0548 OF THE WIDEFIELD WATER AND SANITATION DISTRICT FOR A TIME. NO PRE-CONSTRUCTION CONFERENCE TIMES WILL BE SET UNTIL 4 SETS OF SIGNED DRAWINGS ARE RECEIVED BY THE WIDEFIELD W & S DISTRICT. PRE-CONSTRUCTION DATE/INITIALS



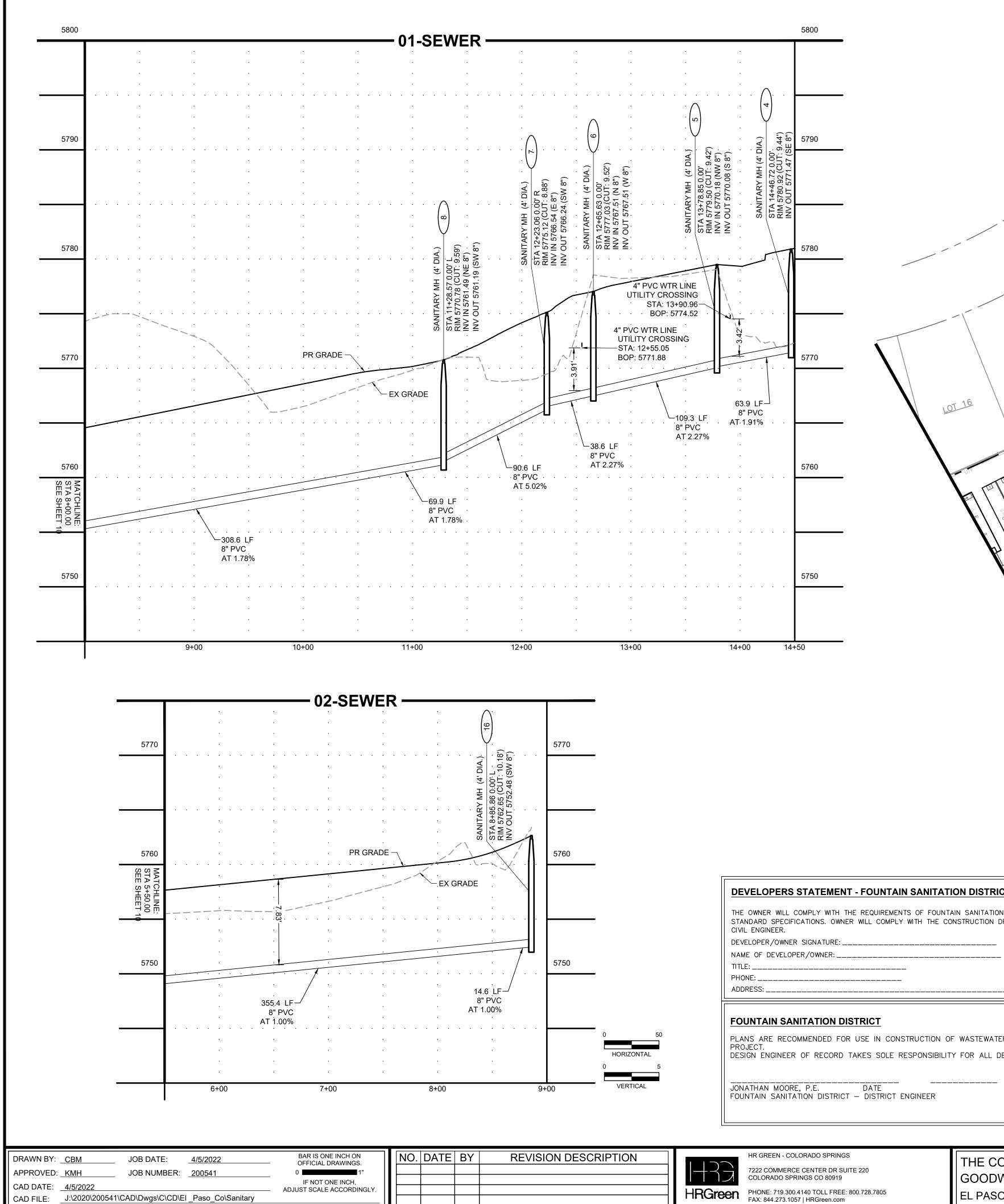
EL PASO COUNTY CONSTRUCTION DOCUMENTS NOTES WATER AND SANITARY SEWER





DEVELOPERS STATEMENT - FOUNTAIN SANITA	ATION DISTRICT
THE OWNER WILL COMPLY WITH THE REQUIREMENTS OF FOU STANDARD SPECIFICATIONS. OWNER WILL COMPLY WITH THE CIVIL ENGINEER.	
DEVELOPER/OWNER SIGNATURE:	DATE:
NAME OF DEVELOPER/OWNER:	
TITLE:	
PHONE:	
ADDRESS:	
FOUNTAIN SANITATION DISTRICT	
PLANS ARE RECOMMENDED FOR USE IN CONSTRUCTION	OF WASTEWATER COLLECTION SYSTEM FOR THIS





DEVELOPERS STATEMENT - FOUNTAIN SANITATION DISTRICT

THE OWNER WILL COMPLY WITH THE REQUIREMENTS OF FOUNTAIN SANITATION DISTRICT REGULATIONS AND STANDARD SPECIFICATIONS. OWNER WILL COMPLY WITH THE CONSTRUCTION DRAWINGS PREPARED BY HIS/HER LOT 19

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OT 17

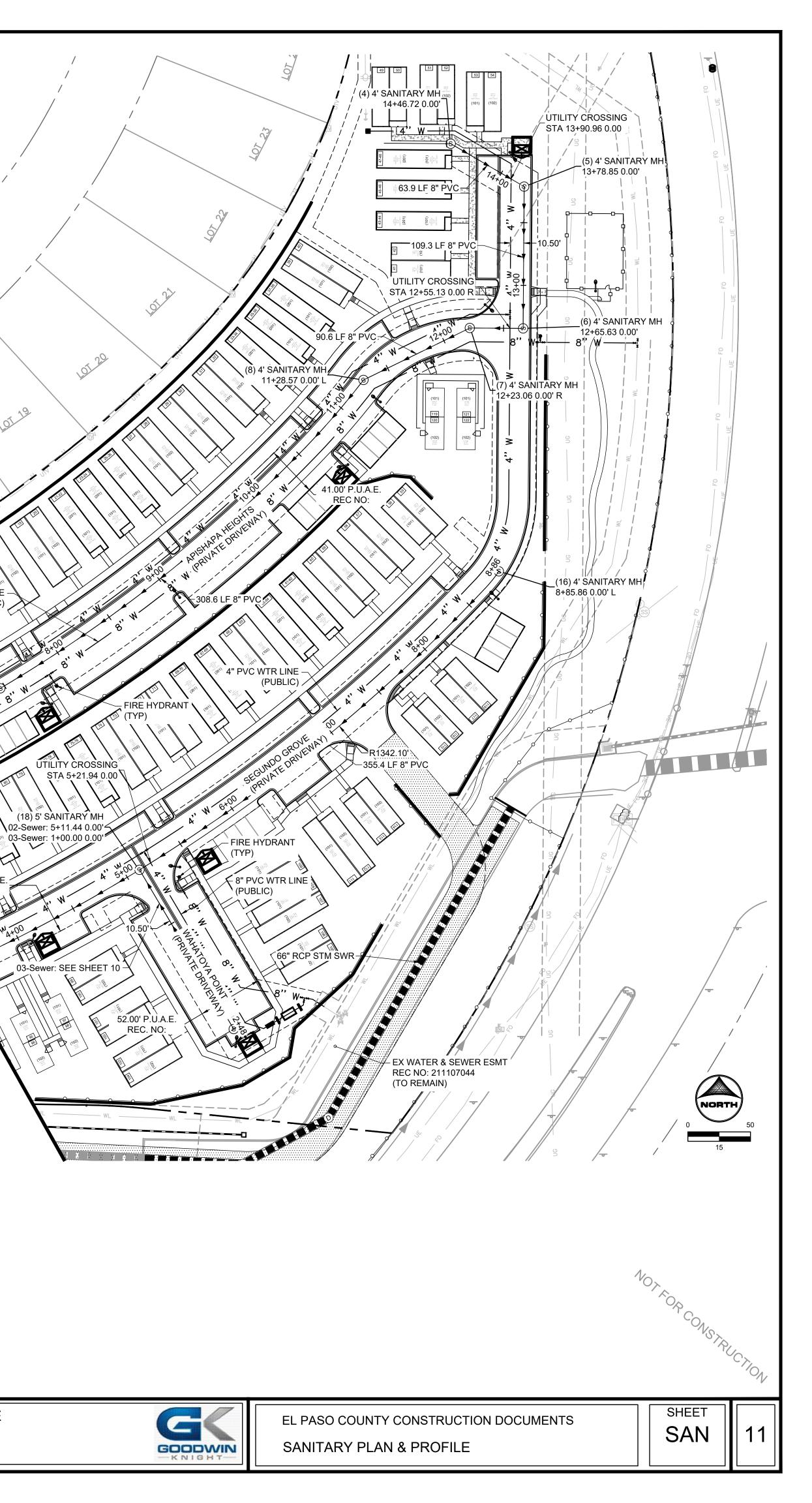
LOT 16

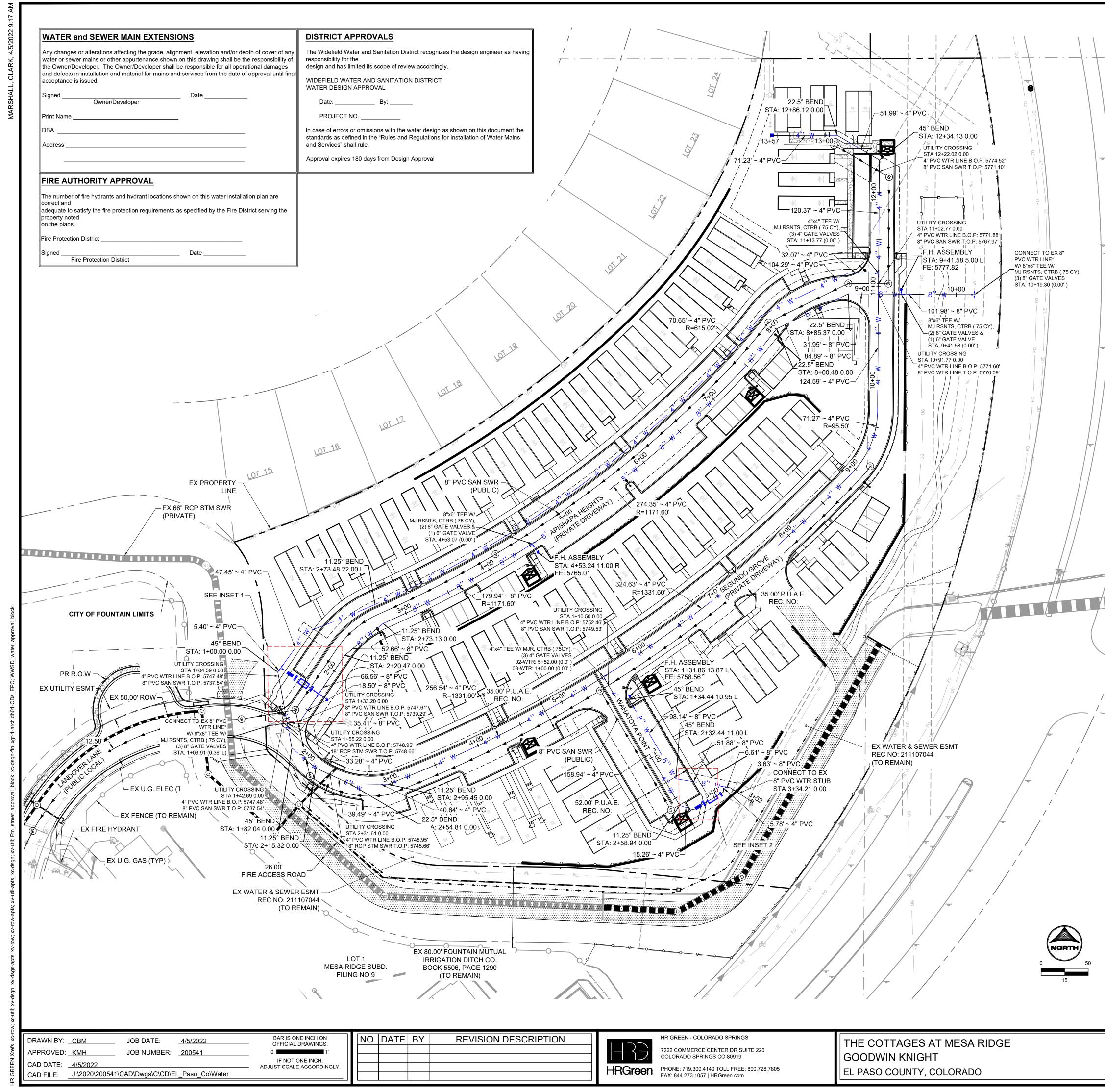
DEVELOPER/OWNER SIGNATURE: _____ DATE: ____ DATE: ___

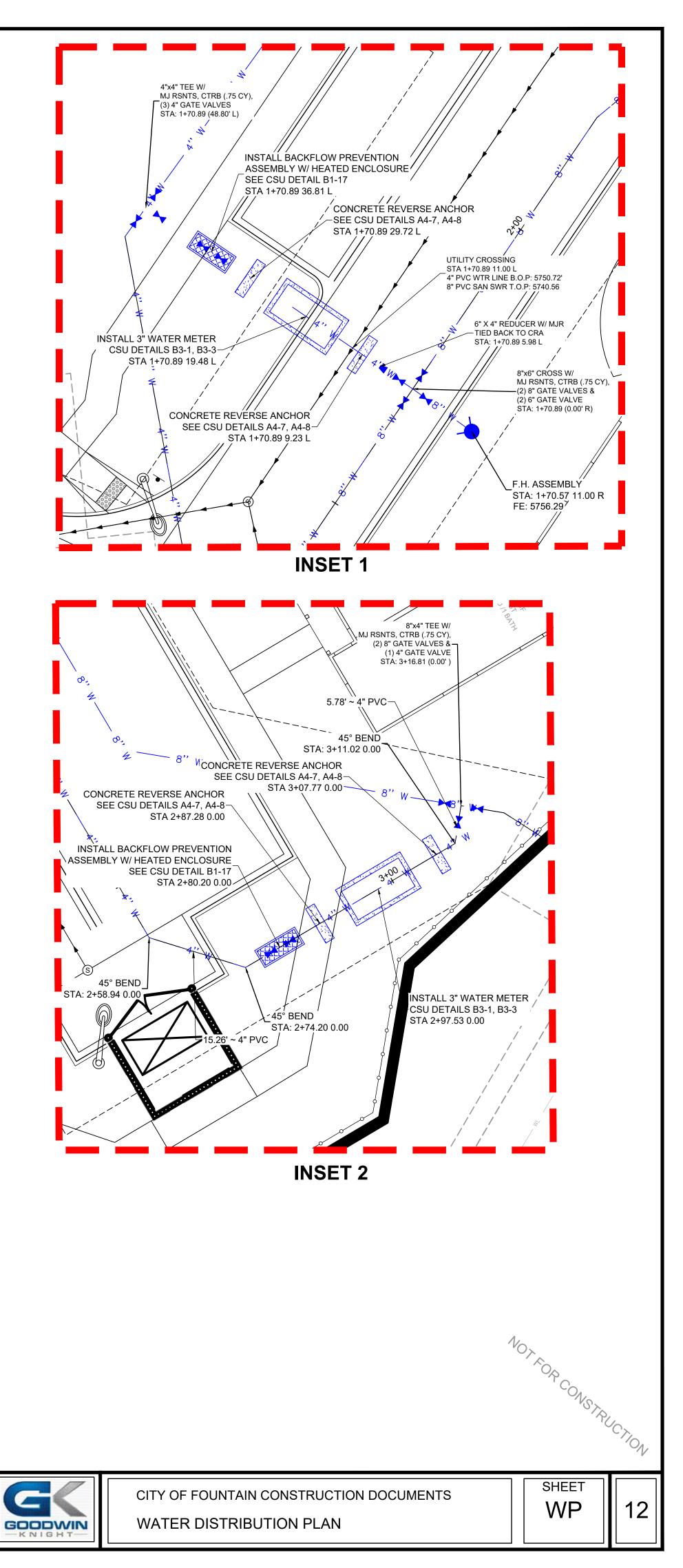
PLANS ARE RECOMMENDED FOR USE IN CONSTRUCTION OF WASTEWATER COLLECTION SYSTEM FOR THIS DESIGN ENGINEER OF RECORD TAKES SOLE RESPONSIBILITY FOR ALL DESIGN ASPECTS OF THE PROJECT.

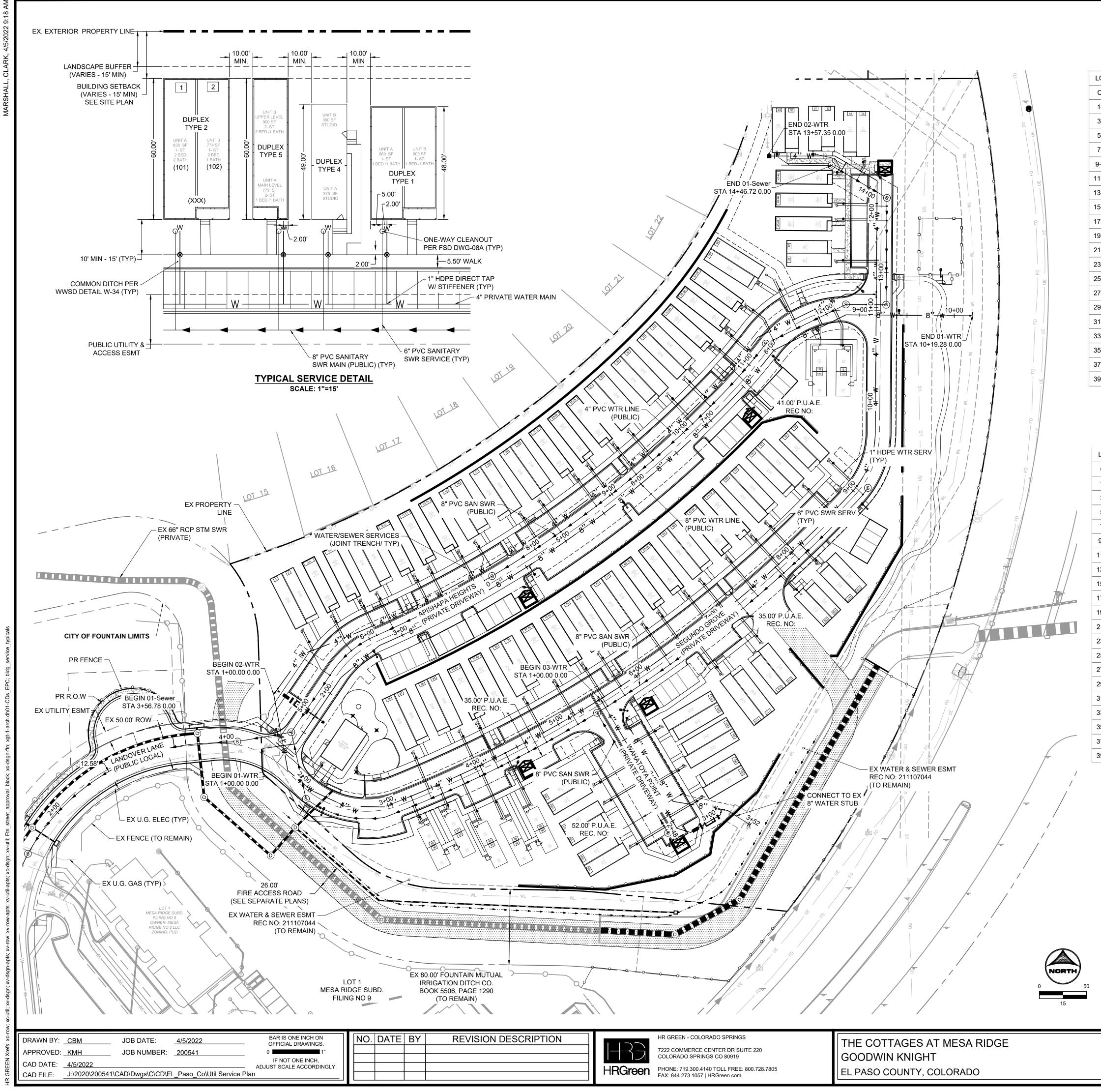
DATE

	HR GREEN - COLORADO SPRINGS	THE COTTAGES AT MESA RIDGE
$\parallel \rightarrow \rightarrow \rightarrow$	7222 COMMERCE CENTER DR SUITE 220	
		GOODWIN KNIGHT
HRGreen	PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 HRGreen.com	EL PASO COUNTY, COLORADO









SEWER SERVICES

ALIGNMENT	STATION	OFFSET	LOT	ALIGNMENT	STATION	OFFSET	LOT	ALIGNMENT	STATION	OFFSET
02-Sewer	STA 1+48.70	0.0'	41-42	01-Sewer	STA 13+10.74	0.0'	83-84	02-Sewer	STA 3+91.49	0.0'
01-Sewer	STA 5+42.35	0.0'	43-44	01-Sewer	STA 13+54.61	0.0'	85-86	02-Sewer	STA 3+70.17	0.0'
01-Sewer	STA 5+77.06	0.0'	45-46	01-Sewer	STA 13+70.10	0.0'	87-88	02-Sewer	STA 3+13.82	0.0' L
01-Sewer	STA 6+08.62	0.0'	47-48	01-Sewer	STA 14+33.02	0.0'	89-90	02-Sewer	STA 2+92.56	0.0'
01-Sewer	STA 6+27.63	0.0'	49-50	01-Sewer	STA 14+50.47	0.0' R	91-92	02-Sewer	STA 3+25.15	0.0'
01-Sewer	STA 6+71.64	0.0'	51-52	01-Sewer	STA 14+37.97	0.0'	93-94	02-Sewer	STA 3+50.16	0.0'
01-Sewer	STA 6+89.36	0.0'	53-54	01-Sewer	STA 14+15.90	0.0'	95-96	02-Sewer	STA 3+72.67	0.0' R
01-Sewer	STA 7+26.70	0.0'	55-56	02-Sewer	STA 8+77.13	0.0'	97-98	02-Sewer	STA 4+03.47	0.0'
01-Sewer	STA 7+36.12	0.0'	57-58	02-Sewer	STA 8+38.82	0.0' L	99-100	03-Sewer	STA 1+63.12	0.0'
01-Sewer	STA 8+05.80	0.0' L	59-60	02-Sewer	STA 7+80.53	0.0'	101-102	03-Sewer	STA 1+85.12	0.0'
01-Sewer	STA 8+32.70	0.0'	61-62	02-Sewer	STA 7+59.01	0.0'	103-104	03-Sewer	STA 2+39.12	0.0'
01-Sewer	STA 8+79.27	0.0'	63-64	02-Sewer	STA 7+22.26	0.0'	105-106	03-Sewer	STA 2+32.47	0.0'
01-Sewer	STA 8+97.48	0.0' L	65-66	02-Sewer	STA 6+84.11	0.0'	107-108	03-Sewer	STA 1+94.47	0.0'
01-Sewer	STA 9+33.07	0.0' L	67-68	02-Sewer	STA 6+62.70	0.0'	109-110	03-Sewer	STA 1+46.05	0.0'
01-Sewer	STA 9+56.22	0.0'	69-70	02-Sewer	STA 6+25.94	0.0'	111-112	02-Sewer	STA 6+40.50	0.0'
01-Sewer	STA 10+13.39	0.0'	71-72	02-Sewer	STA 6+04.51	0.0'	113-114	02-Sewer	STA 6+92.25	0.0'
01-Sewer	STA 10+39.91	0.0'	73-74	02-Sewer	STA 5+46.16	0.0'	115-116	02-Sewer	STA 7+54.62	0.0'
01-Sewer	STA 10+90.04	0.0'	75-76	02-Sewer	STA 5+24.66	0.0'	117-118	02-Sewer	STA 7+90.73	0.0' L
01-Sewer	STA 11+09.01	0.0'	77-78	02-Sewer	STA 4+87.90	0.0'	119-120	01-Sewer	STA 11+89.31	0.0' R
01-Sewer	STA 11+37.29	0.0'	79-80	02-Sewer	STA 4+49.75	0.0'	121-122	01-Sewer	STA 12+08.39	0.0' R
01-Sewer	STA 11+65.24	0.0' L	81-82	02-Sewer	STA 4+28.24	0.0' L				
	02-Sewer 01-Sewer 01-Sewer	O2-Sewer STA 1+48.70 01-Sewer STA 5+42.35 01-Sewer STA 5+77.06 01-Sewer STA 6+08.62 01-Sewer STA 6+27.63 01-Sewer STA 7+26.70 01-Sewer STA 7+36.12 01-Sewer STA 8+05.80 01-Sewer STA 8+32.70 01-Sewer STA 10+30.91 01-Sewer STA 9+33.07 01-Sewer STA 10+33.91 01-Sewer STA 10+39.91 01-Sewer STA 10+39.91 01-Sewer STA 10+90.04 01-Sewer	O2-Sewer STA 1+48.70 0.0' 01-Sewer STA 5+42.35 0.0' 01-Sewer STA 5+77.06 0.0' 01-Sewer STA 6+08.62 0.0' 01-Sewer STA 6+27.63 0.0' 01-Sewer STA 6+27.63 0.0' 01-Sewer STA 6+39.36 0.0' 01-Sewer STA 7+26.70 0.0' 01-Sewer STA 7+36.12 0.0' 01-Sewer STA 8+05.80 0.0' L 01-Sewer STA 8+32.70 0.0' 01-Sewer STA 8+32.70 0.0' L 01-Sewer STA 8+97.48 0.0' L 01-Sewer STA 9+33.07 0.0' L 01-Sewer STA 9+33.07 0.0' L 01-Sewer STA 10+13.39 0.0' L 01-Sewer STA 10+39.91 0.0' 01-Sewer STA 10+39.91 0.0' 01-Sewer STA 10+90.04 0.0' 01-Sewer STA 11+09.01 0.0'	O2-Sewer STA 1+48.70 0.0' 41-42 01-Sewer STA 5+42.35 0.0' 43-44 01-Sewer STA 5+77.06 0.0' 45-46 01-Sewer STA 6+08.62 0.0' 47-48 01-Sewer STA 6+27.63 0.0' 49-50 01-Sewer STA 6+27.63 0.0' 51-52 01-Sewer STA 6+89.36 0.0' 53-54 01-Sewer STA 7+26.70 0.0' 55-56 01-Sewer STA 8+05.80 0.0' L 59-60 01-Sewer STA 8+79.27 0.0' L 59-60 01-Sewer STA 8+97.48 0.0' L 63-64 01-Sewer STA 8+97.47 0.0' L 63-64 01-Sewer STA 9+33.07 0.0' L 63-64 01-Sewer STA 10+33.91 0.0' L 69-70 01-Sewer STA 10+33.91 0.0' L 69-70 01-Sewer STA 10+33.91 0.0' L 69-70 01-Sewer STA 10+39.91 0.0' L 73-74	O2-Sewer STA 1+48.70 0.0' 41-42 01-Sewer 01-Sewer STA 5+42.35 0.0' 43-44 01-Sewer 01-Sewer STA 5+77.06 0.0' 45-46 01-Sewer 01-Sewer STA 6+08.62 0.0' 47-48 01-Sewer 01-Sewer STA 6+27.63 0.0' 49-50 01-Sewer 01-Sewer STA 6+27.63 0.0' 51-52 01-Sewer 01-Sewer STA 6+71.64 0.0' 53-54 01-Sewer 01-Sewer STA 7+26.70 0.0' 55-56 02-Sewer 01-Sewer STA 7+36.12 0.0' 57-58 02-Sewer 01-Sewer STA 8+05.80 0.0'L 59-60 02-Sewer 01-Sewer STA 8+32.70 0.0'L 63-64 02-Sewer 01-Sewer STA 8+79.27 0.0'L 63-64 02-Sewer 01-Sewer STA 9+33.07 0.0'L 67-68 02-Sewer 01-Sewer STA 10+13.39 0.0'L 67-68 02-Sewer	O2-Sewer STA 1+48.70 O.0' 41-42 O1-Sewer STA 13+10.74 01-Sewer STA 5+42.35 O.0' 43-44 O1-Sewer STA 13+54.61 01-Sewer STA 5+77.06 O.0' 45-46 O1-Sewer STA 13+70.10 01-Sewer STA 6+08.62 O.0' 47-48 O1-Sewer STA 14+33.02 01-Sewer STA 6+27.63 O.0' 49-50 O1-Sewer STA 14+50.47 01-Sewer STA 6+71.64 O.0' 51-52 O1-Sewer STA 14+37.97 01-Sewer STA 7+26.70 O.0' 53-54 O1-Sewer STA 14+37.97 01-Sewer STA 7+26.70 O.0' 55-56 O2-Sewer STA 8+37.13 01-Sewer STA 7+36.12 O.0' 57-58 O2-Sewer STA 7+80.53 01-Sewer STA 8+05.80 O.0'L 59-60 O2-Sewer STA 7+80.53 01-Sewer STA 8+32.70 O.0'L 61-62 O2-Sewer STA 7+26.53 01-Sewer STA 8+32.70 O.0'L 63-64 <td< td=""><td>02-Sewer STA 1+48.70 0.0' 41-42 01-Sewer STA 13+10.74 0.0' 01-Sewer STA 5+42.35 0.0' 43-44 01-Sewer STA 13+54.61 0.0' 01-Sewer STA 5+77.06 0.0' 45-46 01-Sewer STA 13+70.10 0.0' 01-Sewer STA 6+08.62 0.0' 47-48 01-Sewer STA 14+33.02 0.0' 01-Sewer STA 6+27.63 0.0' 49-50 01-Sewer STA 14+50.47 0.0' R 01-Sewer STA 6+71.64 0.0' 51-52 01-Sewer STA 14+37.97 0.0' R 01-Sewer STA 7+26.70 0.0' 53-54 01-Sewer STA 8+37.90 0.0' L 01-Sewer STA 7+26.70 0.0' 55-56 02-Sewer STA 8+38.82 0.0' L 01-Sewer STA 8+05.80 0.0' L 59-60 02-Sewer STA 7+80.53 0.0' L 01-Sewer STA 8+32.70 0.0' L 61-62 02-Sewer STA 7+80.53 0.0' L 01-Sewer STA 8+93.07</td></td<> <td>02-Sewer STA 1+48.70 0.0' 41-42 01-Sewer STA 13+10.74 0.0' 83-84 01-Sewer STA 5+42.35 0.0' 43-44 01-Sewer STA 13+50.41 0.0' 85-86 01-Sewer STA 5+77.06 0.0' 45-46 01-Sewer STA 13+70.10 0.0' 87-88 01-Sewer STA 6+08.62 0.0' 47-48 01-Sewer STA 14+33.02 0.0' 89-90 01-Sewer STA 6+27.63 0.0' 49-50 01-Sewer STA 14+50.47 0.0'R 91-92 01-Sewer STA 6+27.63 0.0' 51-52 01-Sewer STA 14+37.97 0.0'R 93-94 01-Sewer STA 6+27.63 0.0' 53-56 02-Sewer STA 14+15.90 0.0'L 99-100 01-Sewer STA 7+36.12 0.0'L 57-58 02-Sewer STA 7+80.53 0.0'L 101-102 01-Sewer STA 8+32.70 0.0'L 59-60 02-Sewer STA 7+59.01 0.0'L 103-104 01-Sewer STA 8+3</td> <td>02-SewerSTA 1+48.700.0'41-4201-SewerSTA 13+10.740.0'83-8402-Sewer01-SewerSTA 5+42.350.0'43-4401-SewerSTA 13+54.610.0'85-8602-Sewer01-SewerSTA 5+77.060.0'45-4601-SewerSTA 13+70.100.0'87-8802-Sewer01-SewerSTA 6+08.620.0'47-4801-SewerSTA 14+33.020.0'89-0002-Sewer01-SewerSTA 6+27.630.0'49-5001-SewerSTA 14+50.470.0'R91-9202-Sewer01-SewerSTA 6+71.640.0'51-5201-SewerSTA 14+15.090.0'93-9402-Sewer01-SewerSTA 6+89.360.0'51-5201-SewerSTA 14+15.090.0'93-9402-Sewer01-SewerSTA 7+26.700.0'55-5602-SewerSTA 14+15.090.0'99-10003-Sewer01-SewerSTA 7+36.120.0'55-5602-SewerSTA 7+80.530.0'99-10003-Sewer01-SewerSTA 7+36.120.0'55-5602-SewerSTA 7+80.530.0'101-10203-Sewer01-SewerSTA 8+05.800.0'L59-5602-SewerSTA 7+80.530.0'L103-10403-Sewer01-SewerSTA 8+05.800.0'L59-5602-SewerSTA 7+80.530.0'L103-10403-Sewer01-SewerSTA 8+05.800.0'L61-6202-SewerSTA 7+80.530.0'L103-10403-Sewer01-</td> <td>Q2-SewerSTA 1+48.700.0'41-4201-SewerSTA 13+10.740.0'83-8402-SewerSTA 3+91.4901-SewerSTA 5+42.350.0'43-4401-SewerSTA 13+54.610.0'85-8602-SewerSTA 3+70.1701-SewerSTA 5+77.060.0'45-4601-SewerSTA 13+70.100.0'87-8802-SewerSTA 3+31.3201-SewerSTA 6+08.620.0'47-4801-SewerSTA 14+33.020.0'89-9002-SewerSTA 2+92.6601-SewerSTA 6+7.640.0'49-5001-SewerSTA 14+50.470.0'R91-9202-SewerSTA 3+50.1601-SewerSTA 6+7.640.0'51-5201-SewerSTA 14+50.470.0'R93-9402-SewerSTA 3+50.1601-SewerSTA 6+89.360.0'51-5602-SewerSTA 14+15.900.0'R93-9402-SewerSTA 3+51.2601-SewerSTA 6+89.360.0'55-5602-SewerSTA 14+15.900.0'R93-9402-SewerSTA 3+51.2601-SewerSTA 7+26.700.0'R55-5602-SewerSTA 14+15.900.0'R93-9402-SewerSTA 4+03.4701-SewerSTA 7+36.120.0'R57-5802-SewerSTA 7+78.530.0'R101-10203-SewerSTA 1+63.1201-SewerSTA 8+37.000.0'R57-6802-SewerSTA 7+22.560.0'R105-10603-SewerSTA 2+32.1701-SewerSTA 8+37.010.0'R63-6402-SewerSTA 6+62.70<!--</td--></td>	02-Sewer STA 1+48.70 0.0' 41-42 01-Sewer STA 13+10.74 0.0' 01-Sewer STA 5+42.35 0.0' 43-44 01-Sewer STA 13+54.61 0.0' 01-Sewer STA 5+77.06 0.0' 45-46 01-Sewer STA 13+70.10 0.0' 01-Sewer STA 6+08.62 0.0' 47-48 01-Sewer STA 14+33.02 0.0' 01-Sewer STA 6+27.63 0.0' 49-50 01-Sewer STA 14+50.47 0.0' R 01-Sewer STA 6+71.64 0.0' 51-52 01-Sewer STA 14+37.97 0.0' R 01-Sewer STA 7+26.70 0.0' 53-54 01-Sewer STA 8+37.90 0.0' L 01-Sewer STA 7+26.70 0.0' 55-56 02-Sewer STA 8+38.82 0.0' L 01-Sewer STA 8+05.80 0.0' L 59-60 02-Sewer STA 7+80.53 0.0' L 01-Sewer STA 8+32.70 0.0' L 61-62 02-Sewer STA 7+80.53 0.0' L 01-Sewer STA 8+93.07	02-Sewer STA 1+48.70 0.0' 41-42 01-Sewer STA 13+10.74 0.0' 83-84 01-Sewer STA 5+42.35 0.0' 43-44 01-Sewer STA 13+50.41 0.0' 85-86 01-Sewer STA 5+77.06 0.0' 45-46 01-Sewer STA 13+70.10 0.0' 87-88 01-Sewer STA 6+08.62 0.0' 47-48 01-Sewer STA 14+33.02 0.0' 89-90 01-Sewer STA 6+27.63 0.0' 49-50 01-Sewer STA 14+50.47 0.0'R 91-92 01-Sewer STA 6+27.63 0.0' 51-52 01-Sewer STA 14+37.97 0.0'R 93-94 01-Sewer STA 6+27.63 0.0' 53-56 02-Sewer STA 14+15.90 0.0'L 99-100 01-Sewer STA 7+36.12 0.0'L 57-58 02-Sewer STA 7+80.53 0.0'L 101-102 01-Sewer STA 8+32.70 0.0'L 59-60 02-Sewer STA 7+59.01 0.0'L 103-104 01-Sewer STA 8+3	02-SewerSTA 1+48.700.0'41-4201-SewerSTA 13+10.740.0'83-8402-Sewer01-SewerSTA 5+42.350.0'43-4401-SewerSTA 13+54.610.0'85-8602-Sewer01-SewerSTA 5+77.060.0'45-4601-SewerSTA 13+70.100.0'87-8802-Sewer01-SewerSTA 6+08.620.0'47-4801-SewerSTA 14+33.020.0'89-0002-Sewer01-SewerSTA 6+27.630.0'49-5001-SewerSTA 14+50.470.0'R91-9202-Sewer01-SewerSTA 6+71.640.0'51-5201-SewerSTA 14+15.090.0'93-9402-Sewer01-SewerSTA 6+89.360.0'51-5201-SewerSTA 14+15.090.0'93-9402-Sewer01-SewerSTA 7+26.700.0'55-5602-SewerSTA 14+15.090.0'99-10003-Sewer01-SewerSTA 7+36.120.0'55-5602-SewerSTA 7+80.530.0'99-10003-Sewer01-SewerSTA 7+36.120.0'55-5602-SewerSTA 7+80.530.0'101-10203-Sewer01-SewerSTA 8+05.800.0'L59-5602-SewerSTA 7+80.530.0'L103-10403-Sewer01-SewerSTA 8+05.800.0'L59-5602-SewerSTA 7+80.530.0'L103-10403-Sewer01-SewerSTA 8+05.800.0'L61-6202-SewerSTA 7+80.530.0'L103-10403-Sewer01-	Q2-SewerSTA 1+48.700.0'41-4201-SewerSTA 13+10.740.0'83-8402-SewerSTA 3+91.4901-SewerSTA 5+42.350.0'43-4401-SewerSTA 13+54.610.0'85-8602-SewerSTA 3+70.1701-SewerSTA 5+77.060.0'45-4601-SewerSTA 13+70.100.0'87-8802-SewerSTA 3+31.3201-SewerSTA 6+08.620.0'47-4801-SewerSTA 14+33.020.0'89-9002-SewerSTA 2+92.6601-SewerSTA 6+7.640.0'49-5001-SewerSTA 14+50.470.0'R91-9202-SewerSTA 3+50.1601-SewerSTA 6+7.640.0'51-5201-SewerSTA 14+50.470.0'R93-9402-SewerSTA 3+50.1601-SewerSTA 6+89.360.0'51-5602-SewerSTA 14+15.900.0'R93-9402-SewerSTA 3+51.2601-SewerSTA 6+89.360.0'55-5602-SewerSTA 14+15.900.0'R93-9402-SewerSTA 3+51.2601-SewerSTA 7+26.700.0'R55-5602-SewerSTA 14+15.900.0'R93-9402-SewerSTA 4+03.4701-SewerSTA 7+36.120.0'R57-5802-SewerSTA 7+78.530.0'R101-10203-SewerSTA 1+63.1201-SewerSTA 8+37.000.0'R57-6802-SewerSTA 7+22.560.0'R105-10603-SewerSTA 2+32.1701-SewerSTA 8+37.010.0'R63-6402-SewerSTA 6+62.70 </td

WATER SERVICES

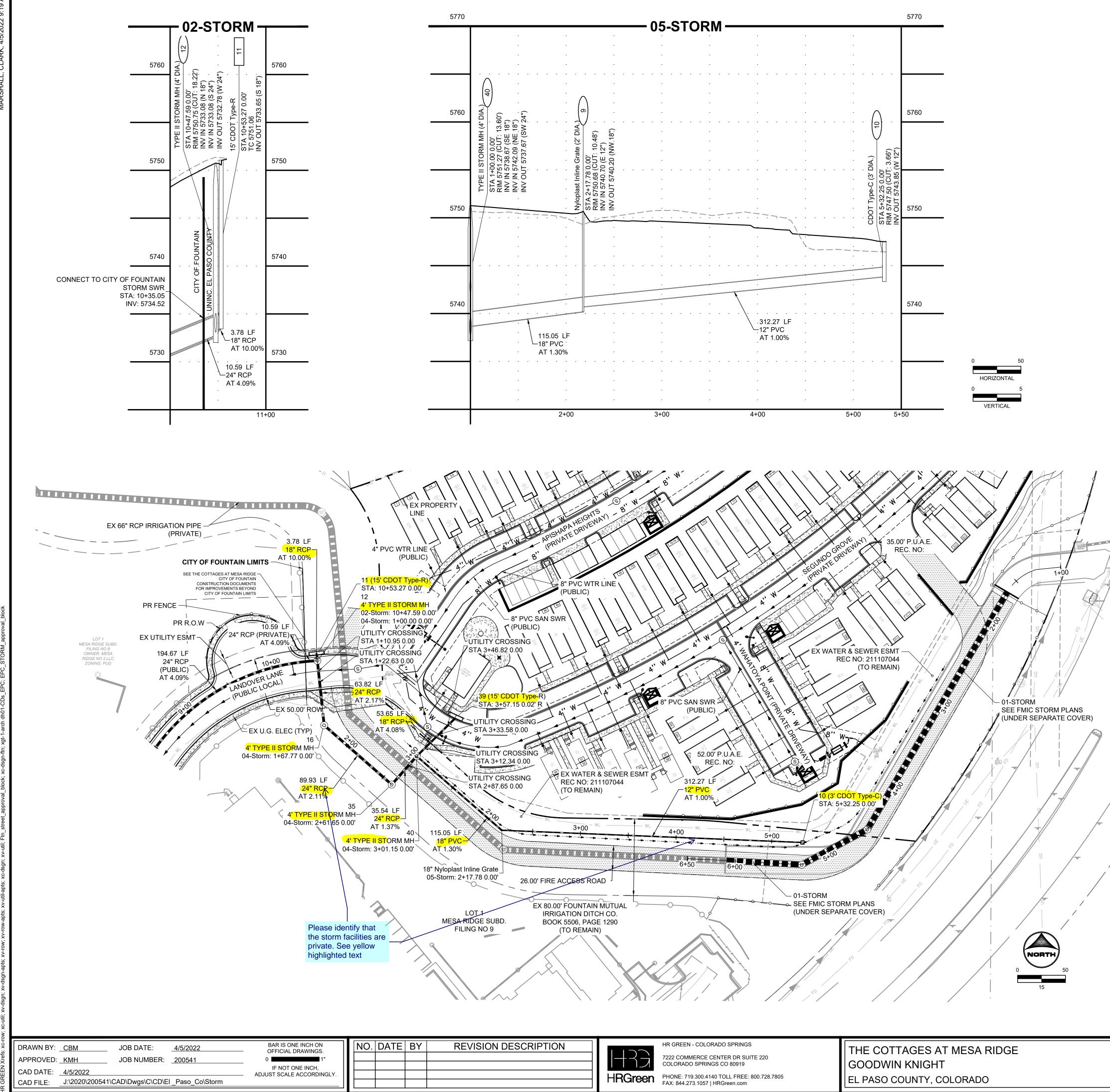
LOT	ALIGNMENT	STATION	OFFSET	LOT	ALIGNMENT	STATION	OFFSET	LOT	ALIGNMENT	STATION	OFFSET
СН	02-WTR	STA 2+09.03	0.0'	41-42	02-WTR	STA 11+49.80	0.0'	83-84	02-WTR	STA 4+24.31	0.0'
1-2	01-WTR	STA 2+20.47	41.3' L	43-44	02-WTR	STA 11+93.67	0.0' R	85-86	02-WTR	STA 4+03.44	0.0'
3-4	01-WTR	STA 2+49.76	29.9' L	45-46	02-WTR	STA 12+09.80	0.0' R	87-88	02-WTR	STA 3+47.25	0.0'
5-6	01-WTR	STA 2+76.54	21.9' L	47-48	02-WTR	STA 12+72.17	0.0'	89-90	02-WTR	STA 3+26.16	0.0' L
7-8	01-WTR	STA 2+95.91	22.0' L	49-50	02-WTR	STA 13+47.53	0.0'	91-92	02-WTR	STA 3+58.47	0.0' R
9-10	01-WTR	STA 3+40.76	22.0' L	51-52	02-WTR	STA 13+09.13	0.0' R	93-94	02-WTR	STA 3+83.31	0.0'
11-12	01-WTR	STA 3+58.82	22.0' L	53-54	02-WTR	STA 12+54.77	0.0'	95-96	02-WTR	STA 4+05.95	0.0' R
13-14	01-WTR	STA 3+96.36	22.0' L	55-56	02-WTR	STA 9+06.39	0.0'	97-98	02-WTR	STA 4+36.19	0.0'
15-16	01-WTR	STA 4+18.13	22.0' L	57-58	02-WTR	STA 8+68.13	0.0' L	99-100	03-WTR	STA 1+75.84	0.0'
17-18	01-WTR	STA 4+76.26	22.0' L	59-60	02-WTR	STA 8+10.31	0.0'	101-102	03-WTR	STA 1+97.84	0.0'
19-20	01-WTR	STA 5+03.15	22.0' L	61-62	02-WTR	STA 7+88.95	0.0'	103-104	03-WTR	STA 2+51.84	0.0'
21-22	01-WTR	STA 5+50.39	22.0' L	63-64	02-WTR	STA 7+52.49	0.0'	105-106	03-WTR	STA 2+45.19	0.0'
23-24	01-WTR	STA 5+68.76	22.0' L	65-66	02-WTR	STA 7+14.64	0.0'	107-108	03-WTR	STA 2+07.19	0.0'
25-26	01-WTR	STA 6+05.03	22.0' L	67-68	02-WTR	STA 6+93.40	0.0'	109-110	03-WTR	STA 1+58.77	0.0' R
27-28	01-WTR	STA 6+28.37	22.0' L	69-70	02-WTR	STA 6+56.93	0.0'	111-112	02-WTR	STA 6+71.37	0.0'
29-30	01-WTR	STA 6+86.97	22.0' L	71-72	02-WTR	STA 6+35.67	0.0'	113-114	02-WTR	STA 7+22.64	0.0'
31-32	01-WTR	STA 7+13.44	22.0' L	73-74	02-WTR	STA 5+77.77	0.0'	115-116	02-WTR	STA 7+84.24	0.0'
33-34	01-WTR	STA 7+63.45	22.0' L	75-76	02-WTR	STA 5+57.00	0.0'	117-118	02-WTR	STA 8+20.36	0.0'
35-36	01-WTR	STA 7+83.10	22.0' L	77-78	02-WTR	STA 5+19.97	0.0'	119-120	01-WTR	STA 8+58.41	19.7' L
37-38	01-WTR	STA 8+06.03	19.7' L	79-80	02-WTR	STA 4+82.12	0.0'	121-122	01-WTR	STA 8+77.50	19.7' L
39-40	01-WTR	STA 8+34.34	19.7' L	81-82	02-WTR	STA 4+60.78	0.0'		1	1	

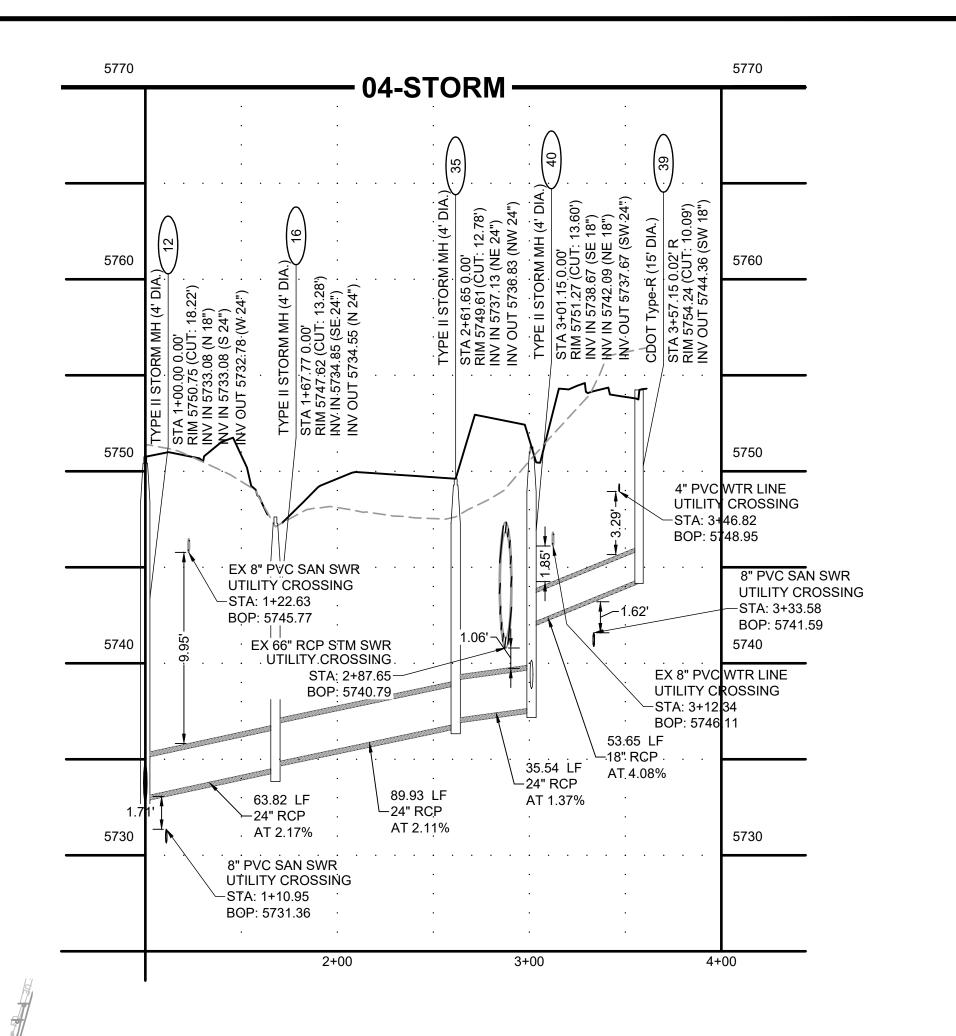


EL PASO COUNTY CONSTRUCTION DOCUMENTS UTILITY SERVICE PLAN

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USP	13





EL PASO COUNTY ENGINEER STORM PLAN DESIGN APPROVAL	
PROJECT NUMBER: WORK ORDER NUMBER: SHEET OF	NOT FOR CONSTR.
APPROVAL EXPIRES ONE (1) YEAR FROM THE DATE ABOVE AND RESUBMITTAL OF THESE PLANS FOR REVIEW AND APPROVAL IS REQUIRED IF CONSTRUCTION DOES NOT BEGIN DURING THIS PERIOD.	CTION
EL PASO COUNTY CONSTRUCTION DOCUMENTS	SHEET

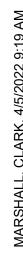
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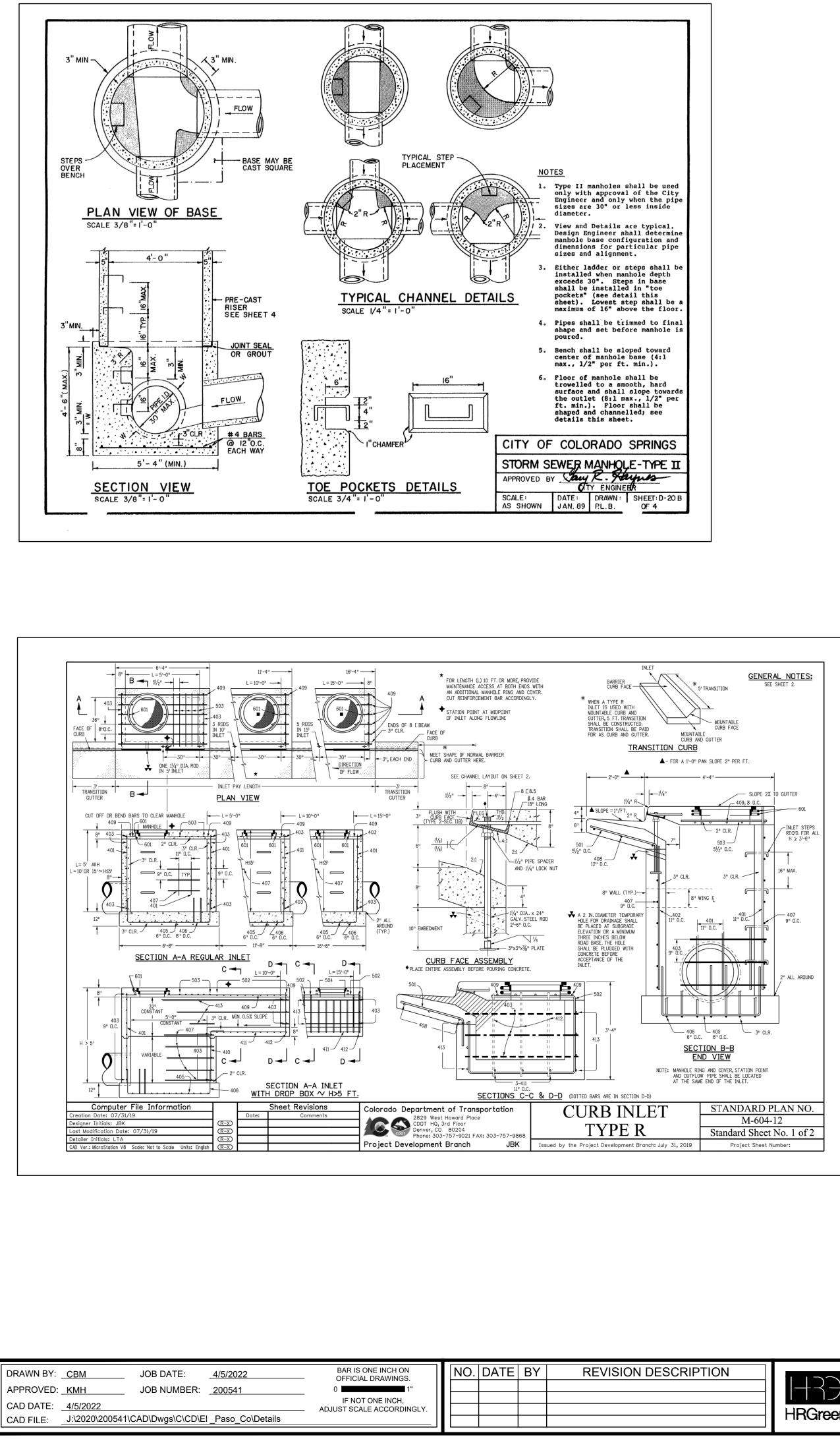
||| 14

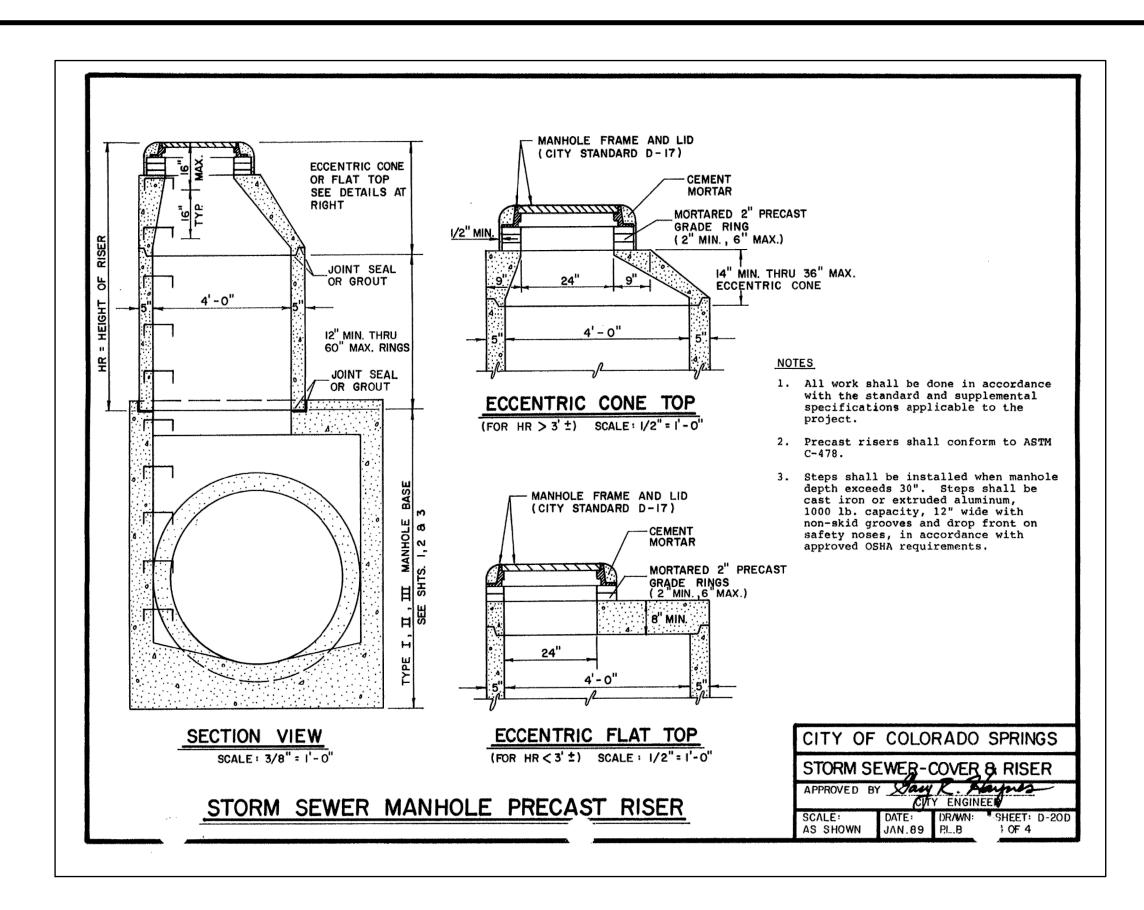


EL PASO COUNTY CONSTRUCTION DOCUMENTS

STORM SEWER PLAN AND PROFILE



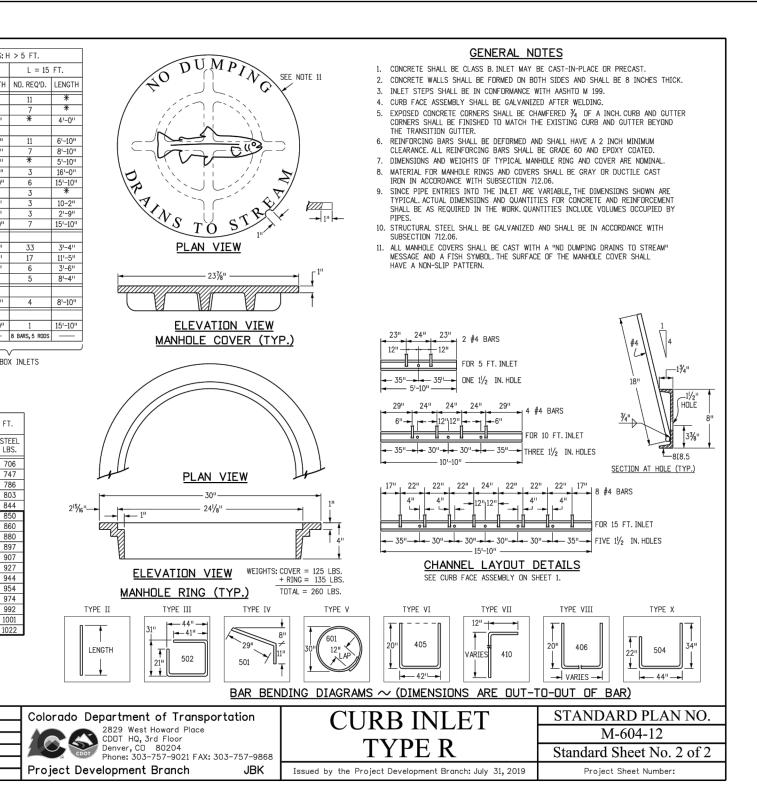




	BAR #			ALL I	NLETS		INLETS: H	l ≤ 5 FT.			INLE	TS: H	> 5 FT.	
MARK	OR SIZE	0.C. SPACING	TYPE	L = {	5 FT.	L = 1	FT.	L = 15	FT.	L	= 10 FT.		L = 15	5 FT.
	SIZE			NO. REQ'D.	LENGTH	ND. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	NO. REC	PD. LEN	GTH	ND. REQ'D.	LENGT
401	4	11"	II	15	*	21	*	26	*	11		*	11	*
402	4	11"	II	7	*	13	*	18	*	7		*	7	*
403	4	9"	II	*	4'-0''	*	4'-0"	*	4'-0''	*	4'-	-0"	*	4'-0"
405	4	6"	VI	11	6'-10"	21	6'-10"	31	6'-10"	11	6'-	10"	11	6'-10'
406	4	6"	VIII	7	8'-10"	7	13'-10"	7	18'-10"	7	8'-		7	8'-10'
407	4	9"	II	*	5'-10"	*	10'-10"	*	15'-10"	*	5'-	10"	*	5'-10'
408	4	12"	II	3	6'-10"	3	11'-10"	3	16'-0"	3	11'-		3	16'-0"
409	4	8" 11"	II	6	5'-10"	6	10'-10"	6	15'-10"	6	10'-	-10"	6	15'-10'
410	4	11"	VII II							3	51-	-2"	3	10-2"
412	4	11"	II							3	2'-		3	2'-9"
413	4	9"	II							7	10'-	-10"	7	15'-10
501	5	51/2"	IV	11	3'-4"	22	3'-4"	33	3'-4"	22		-4"	33	3'-4"
502	5	51/2"	III		71.01	10	71.00	07	71.011	11	11'-		17	11'-5"
503 504	5	5 ¹ /2" 5 ¹ /2"	II IX	5	3'-6"	16	3'-6"	27	3'-6"	6	5'-	-6"	6 5	3'-6"
	5	5/2	11/		+		+				_			0-4
601	6	21/2"	V	2	8'-10"	2	8'-10"	2	8'-10"	2	8'-	10"	4	8'-10'
					-									
8 [8.5				1	5'-10"	1	10'-10"	1	15'-10"	1	10'-	-10"	1	15'-10
				2 BARS, 1 ROD	s —	4 BARS, 3 ROD	s —	8 BARS, 5 RODS	· —	4 BARS, 3	RODS -	_	8 BARS, 5 ROD	s
	JDE #4,18	<u>T</u> A						RB INL						
INCLU	JDE #4, 18				EQ'D.	ND. REQ'D.	L	= 5 FT.	L = 1	0 FT.	L = 1			
[JDE #4, 18	<u>T</u> A			EQ'D.		L	= 5 FT.	L = 1 CONC.	0 FT. STEEL	L = 1 CONC.	STE	EEL	
"H"	401	LENGTH	BLE	ND. RE REGU	EQ'D. LAR 407	ND. REQ'D. DROP BOX	L COM 7	= 5 FT. IC. STEEL IDS. LBS.	L = 1 CONC. CU. YDS.	0 FT. STEEL LBS.	L = 1 CONC. CU. YDS.	STE Le	EEL 85.	
[BLE		EQ'D.	ND. REQ'D. DROP BOX	L	= 5 FT. IC. STEEL IDS. LBS. 2 285	L = 1 CONC.	0 FT. STEEL	L = 1 CONC.	STE	EEL 35.	
"H" <u>3'-0"</u> <u>3'-6"</u> 4'-0"	401 2'-8" 3'-2" 3'-8"	TA LENGTH 402 1'-8'' 2'-2'' 2'-8''	BLE	ND. RE REGU 403 10 10 12	EQ'D. LAR 407 7 7 9	ND. REQ'D. DROP BOX	L CON 7 CU. 1 3. 3. 3. 3.	= 5 FT. IC. STEEL IDS. LBS. 2 285 4 305 7 326	L = 1 CONC. CU. YDS. 5.3 5.7 6.0	0 FT. STEEL LBS. 497 528 559	L = 1 CONC. CU. YDS. 7.4 7.9 8.4	STE LE 7(74 78	EEL 3S. 26 47 86	
"H" <u>3'-0''</u> <u>3'-6''</u> <u>4'-0''</u> <u>4'-6''</u>	401 2'-8" 3'-2" 3'-8" 4'-2"	TA LENGTH 402 1'-8" 2'-2" 2'-8" 3'-2"	BLE	NO. RE REGU 403 10 10 12 12	EQ'D. LAR 407 7 7 9 9	ND. REQ'D. DROP BOX	L CDN 7 CU. 1 3. 3. 3. 3. 3. 3.	= 5 FT. IC. STEEL IDS. LBS. 2 285 4 305 7 326 9 334	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4	0 FT. STEEL LBS. 497 528 559 571	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8	STE LE 7(74 78 80	EEL 3S. 26 47 86 23	
"H" <u>3'-0"</u> <u>3'-6"</u> <u>4'-0"</u> <u>4'-6"</u> <u>5'-0"</u>	401 2'-8'' 3'-2'' 3'-8'' 4'-2'' 4'-8''	TA LENGTH 402 1 ¹ -8" 2 ¹ -2" 2 ¹ -8" 3 ¹ -2" 3 ¹ -2"	410	ND. RE REGU 403 10 12 12 14	EQ'D. LAR 407 7 9 9 11	ND. REQ'D. DROP BOX 403 40 	CON 7 CU. N 3. 3. 3. 3. 3. 4.	= 5 FT. IC. STEEL IDS. LBS. 2 285 4 305 7 326 9 334 1 354	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7	0 FT. STEEL LBS. 497 528 559 571 602	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3	STE LE 7(74 78 80 84	EEL 3S. 06 47 86 03 44	21
"H" 3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6"	401 2'-8'' 3'-2'' 3'-8'' 4'-2'' 4'-8'' 5'-2''	TA LENGTH 402 1'-8" 2'-2" 2'-8" 3'-2"	410 3'-5''	ND. RE ND. RE REGU 403 10 10 12 12 14 16	EQ'D. LAR 407 7 9 9 11 13	ND. REQ'D. DROP BDX 403 40 	CON 7 CU. N 3. 3. 3. 3. 4. 4.	= 5 FT. IC. STEEL DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0	0 FT. STEEL LBS. 497 528 559 571 602 607	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3 7.4	STE LE 7(74 78 80 84 85	EEL 35. 06 47 86 03 44 50	2 ¹
"H" <u>3'-0''</u> <u>3'-6''</u> <u>4'-0''</u> <u>4'-6''</u> <u>5'-0''</u>	401 2'-8'' 3'-2'' 3'-8'' 4'-2'' 4'-8''	TA LENGTH 402 11-8" 2'-2" 2'-8" 3'-2" 3'-8" 4'-2"	410	ND. RE REGU 403 10 12 12 14	EQ'D. LAR 407 7 9 9 11	ND. REQ'D. DROP BOX 403 40 	L CON 7 CU. 1 3. 3. 3. 3. 4. 4. 4.	= 5 FT. IC. STEEL DS. 285 4 305 7 326 9 334 1 354 4 375 6 382	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7	0 FT. STEEL LBS. 497 528 559 571 602	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3	STE LE 7(74 78 80 84 85 86	EEL 35. 06 47 86 03 44 50	21
"H" 3'-0" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-6" 7'-0"	401 2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-8" 5'-8" 6'-2" 6'-8"	LENGTH 402 1 ¹ -8" 2 ¹ -2" 2 ¹ -8" 3 ¹ -2" 3 ¹ -8" 4 ¹ -2" 4 ¹ -8" 5 ¹ -2" 5 ¹ -2"	410 3'-5" 3'-1" 4'-5" 4'-1"	NO. RE NO. REGU 403 10 10 12 12 14 16 18 20	EQ'D. LAR 407 7 9 9 9 11 13 13 13 15 17	ND. REQ'D. DROP BOX 403 4C 15 15 16 18 18 19 11 10 10 10 10 10 10 10 10 10	L CON 7 CU. Y 3. 3. 3. 3. 4. 4. 4. 4. 4. 4. 5.	= 5 FT. IC. STEEL DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3 9.3 9.3 7.4 7.4 7.6 7.8 8.0	STE LE 70 74 78 80 80 82 85 86 88 88 88 88 88 88 88 88 88 88 88 88	EEL 85. 06 47 86 03 44 50 50 50 80 97	2 ¹
"H" 3'-0'' 3'-6'' 4'-0'' 5'-0'' 5'-6'' 6'-0'' 6'-6'' 7'-0'' 7'-6''	401 2'-8'' 3'-2'' 3'-8'' 4'-2'' 5'-2'' 5'-2'' 5'-2'' 6'-8'' 7'-2''	LENGTH 402 11-8" 2'-2" 2'-2" 3'-2" 3'-2" 3'-2" 3'-8" 4'-2" 4'-8" 5'-5" 5'-8" 6-2"	410 3'-5" 3'-11" 4'-5" 4'-5" 5'-5"	NR. AC	EQ'D. LAR 407 7 9 9 11 13 13 15 15 17 17	ND. REQ'D. DROP BOX 403 4C 15 6 16 6 18 8 19 11 20 11	L CON 7 CU. 1 3. 3. 3. 3. 4. 4. 4. 4. 4. 5.	= 5 FT. IC. STEEL TDS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.4 6.7 6.2 6.4 6.6 6.9	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654 664	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3 7.4 7.6 7.6 7.8 8.0 8.3	STE LE 7(74 78 80 84 85 86 86 88 86 88 88 88 88 88 88 88 88 88	EEL 35. 206 47 86 50 50 50 50 80 97 07	21
"H" 3'-0'' 3'-6'' 4'-0'' 4'-6'' 5'-0'' 5'-6'' 6'-6'' 6'-6'' 7'-0'' 7'-6'' 8'-0''	401 2 ⁱ -8 ⁱⁱ 3 ⁱ -2 ⁱⁱ 4 ⁱ -2 ⁱⁱ 4 ⁱ -2 ⁱⁱ 5 ⁱ -2 ⁱⁱ 5 ⁱ -2 ⁱⁱ 5 ⁱ -2 ⁱⁱ 6 ⁱ -2 ⁱⁱ 6 ⁱ -2 ⁱⁱ 6 ⁱ -2 ⁱⁱ 7 ⁱ -8 ⁱⁱ	LENGTH 402 11-8" 2'-2" 2'-8" 3'-2" 3'-2" 4'-2" 4'-8" 4'-8" 5'-2" 5'-8" 6-2" 6-8"	410 3'-5" 3'-11" 4'-5" 5'-5" 5'-11"	ND. RE NO. RE 403 10 12 12 14 16 18 20 22	EQ'D. LAR 407 7 9 9 11 13 13 13 13 15 17 17 17 19	ND. REQ'D. DROP BOX 403 40 10 10 10 10 10 10 10 10 10 1	L CON 7 CU. 1 3. 3. 3. 3. 4. 4. 4. 4. 5. 5.	= 5 FT. IC. STEEL DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451	L = 1 CUNC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6 6.4 6.6 9 7.1	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654 664 664	L = 1 CDNC. CU. YDS. 7.4 8.4 8.8 9.3 7.4 7.6 7.8 8.0 8.3 8.3 8.5	STE LE 70 74 80 80 84 85 86 86 86 88 88 88 88 88 88 88 88 88 88	EEL 35. 06 47 366 03 44 50 50 80 97 97 27	21
"H" 3'-0'' 3'-6'' 4'-0'' 5'-0'' 5'-6'' 6'-0'' 6'-6'' 7'-0'' 7'-6''	401 2'-8'' 3'-2'' 3'-8'' 4'-2'' 5'-2'' 5'-2'' 5'-2'' 6'-8'' 7'-2''	LENGTH 402 11-8" 2'-2" 2'-2" 3'-2" 3'-2" 3'-2" 3'-8" 4'-2" 4'-8" 5'-5" 5'-8" 6-2"	410 3'-5" 3'-11" 4'-5" 4'-5" 5'-5"	NR. AC	EQ'D. LAR 407 7 9 9 11 13 13 15 15 17 17	ND. REQ'D. DROP BOX 403 4C 15 6 16 6 18 8 19 11 20 11	L CON 7 CU N 3. 3. 3. 3. 4. 4. 4. 4. 4. 4. 5. 5. 5.	= 5 FT. IC. STEEL US. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.4 6.2 6.4 6.2 6.4 6.6 6.9	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654 664	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3 7.4 7.6 7.6 7.8 8.0 8.3	STE LE 70 74 80 80 84 85 86 86 86 88 88 88 88 88 88 88 88 88 88	EEL SS. 06 47 33 36 30 33 44 50 50 30 97 77 77 77 77 277 44	21
"H" 3'-0" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 7'-0" 7'-6" 8-0" 8'-0" 8'-0" 9'-6"	401 2 ¹⁻⁸¹ / ₃ / ₂ -2 ¹¹ / ₃ / ₃ -2 ¹¹ / ₃ / ₃ -8 ¹¹ / ₄ / ₂ -8 ¹¹ / ₅ / ₅ -2 ¹¹ / ₅ / ₅ -8 ¹¹ / ₅ -8 ¹¹ / ₅ / ₅ -8 ¹¹ / ₅	LENGTH 402 11-8" 2'-2" 2'-8" 3'-8" 4'-2" 4'-8" 5'-8" 6-2" 6'-8" 7'-2" 7'-8" 8'-2"	410 3'-5" 3'-11" 4'-5" 5'-5" 5'-11" 6'-5" 6'-11" 7'-5"	NR. AC REGU 403 10 10 12 12 12 14 16 16 16 18 20 20 20 22 24 24 24	EQ'D. LAR 407 7 9 9 11 13 13 13 15 17 17 17 17 17 19 21 21 23	ND. REQ'D. DROP BOX 403 40 15 6 16 6 18 8 19 10 20 10 22 11 23 14 24 14 26 10	L CON 7 CU. 1 3. 3. 3. 3. 4. 4. 4. 4. 5. 5. 5. 5. 5. 6.	= 5 FT. IC. STEEL TDS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6 6.9 7.1 7.3 7.6 7.8	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654 664 664 684 702 711 732	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3 7.4 7.6 7.8 8.0 8.3 8.5 8.5 8.5 8.7 9.0 9.2	STR LE 70 74 80 80 80 80 80 80 80 80 80 90 90 90 90 90 90 90 90 90 90 90 90	EEL IS. 06 47 36 03 44 44 50 03 30 44 44 50 07 77 77 77 77 77 77 77 77	21
"H" 3'-0" 3'-6" 4'-0" 4'-6" 5'-6" 6'-6" 6'-6" 7'-0" 8'-6" 8'-0" 8'-6" 8'-6" 8'-6" 9'-0" 8'-6" 10'-0"	401 2'-8'' 3'-2'' 3'-8'' 4'-2'' 5'-8'' 5'-8'' 6'-2'' 5'-8'' 6'-2'' 7'-8'' 8'-2'' 8'-2'' 8'-2'' 9'-8''	LENGTH 402 11-8" 2'-2" 2'-8" 3'-2" 2'-8" 3'-2" 4'-2" 4'-2" 4'-2" 6'-8" 6'-8" 7'-2" 6'-8" 7'-2" 8'-8"	410 3'-5" 3'-11" 4'-5" 4'-5" 5'-11" 6'-5" 6'-11" 6'-5" 7'-11"	ND. RE NO. RE 403 10 12 12 14 16 16 18 20 22 24 24 26 28	Q'D. LAR 407 7 7 9 9 9 11 13 13 13 17 17 19 21 21 23 25 25	ND. REQ'D. DROP BOX 403 40 15 6 16 6 18 8 19 11 20 10 22 12 23 14 24 14 26 11 27 18	L CON 7 CU. V 3. 3. 3. 3. 4. 4. 4. 4. 4. 5. 5. 5. 5. 5. 6. 6.	= 5 FT. IC. STEEL US. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 4792 2 499 4 520	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.6 6.4 6.6 6.9 7.1 7.3 7.6 7.8 8.0	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654 664 664 684 702 711 732 749	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3 7.4 7.6 7.8 8.0 8.3 8.5 8.7 9.0 9.2 9.4	STR LE 70 74 80 84 85 86 88 88 88 90 90 92 92 92 92 92 92 92 92 92 92 92 92 92	EEL IS. 06 47 36 50 33 44 44 50 50 50 50 97 77 77 27 44 45 47 492	21
"H" 3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 6'-0" 6'-6" 7'-0" 7'-0" 8'-6" 8'-6" 9'-0" 9'-0" 9'-0" 10'-0"	401 2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2" 5'-8" 6'-2" 6'-8" 6'-2" 6'-8" 7'-2" 8'-3" 8'-2" 8'-3 8'-3 8'-2" 8' 8'-2" 8'-2" 8'-2" 8'-2" 8'-2" 8'-2" 8'-2" 8	LENGTH 402 1 ¹ -8" 2'-2" 2'-8" 3'-2" 3'-2" 3'-2" 3'-2" 5'-8" 6'-8" 5'-2" 5'-8" 6'-8" 7'-2" 7'-8" 8'-8" 8'-2" 8'-2"	410 3'-5" 3'-11" 4'-5" 4'-11" 5'-51" 6'-5" 6'-11" 7'-51" 8'-5"	NR. REGU 403 10 12 12 14 16 16 18 20 22 24 26 28	EQ'D. LAR 407 7 9 9 9 9 11 13 13 13 15 15 17 17 17 17 19 21 21 21 23 25 25	ND. REQ'D. DRDP BDX 403 4C 100 100 100 100	L CON 7 CU. Y 3. 3. 3. 3. 3. 3. 4. 4. 4. 4. 5. 5. 5. 5. 5. 6. 6. 6.	= 5 FT. IC. STEEL LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499 4 520 7 527	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6 6.9 7.1 7.3 7.6 7.8 8.3	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654 664 684 702 711 732 749 759	L = 1 CONC. CU. YDS. 7.4 7.9 8.8 9.3 7.4 7.6 7.8 8.0 8.3 8.0 8.3 8.5 8.7 9.0 9.2 9.4 9.7	STR LE 70 74 80 84 85 86 88 88 88 88 88 88 88 88 90 92 92 92 94 95 97 92 91 91 91	EEL IS. 366 47 363 303 444 500 500 500 500 500 500 500 77 77 77 77 77 77 77 77 77 77 77 77 7	21
"H" 3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-0" 6'-6" 7'-0" 7'-0" 8'-6" 9'-0" 8'-6" 9'-0" 10'-0" 10'-0" 11'-0"	401 2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2" 5'-8" 6'-2" 6'-2" 6'-8" 7'-2" 8'-2" 8'-2" 8'-2" 8'-2" 8'-2" 8'-2" 10'-2" 10'-8"	LENGTH 402 11-8" 2'-2" 2'-8" 3'-2" 3'-2" 3'-2" 3'-2" 5'-2" 5'-2" 5'-8" 6'-8" 7'-2" 7'-8" 8'-2" 8'-2" 9'-2" 9'-8"	410 3'-5" 3'-11" 4'-5" 4'-11" 5'-51" 6'-5" 6'-11" 7'-51" 8'-5" 8'-11"	ONE ~~ NO. RE REGU 403 10 10 12 12 14 16 16 16 16 16 18 20 22 24 24 24 26 28 30	EQ'D. LAR 407 7 9 9 9 11 13 13 13 15 15 17 17 17 19 9 21 21 21 23 25 25 27	ND. REQ'D. DROP BOX 403 4C 100 100 100 100	L CON 7 CU. Y 3. 3. 3. 3. 3. 3. 3. 4. 4. 4. 4. 5. 5. 5. 5. 5. 6. 6. 6. 6. 6.	= 5 FT. IC. STEEL LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499 4 520 7 527 9 547	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6 6.9 7.1 7.3 7.6 7.8 8.3 8.5	0 FT. STEEL LBS. 497 528 559 571 602 607 616 637 654 664 664 684 702 711 732 749	L = 1 CONC. CU. YDS. 7.4 7.9 8.4 8.8 9.3 7.4 7.6 7.8 8.0 8.3 8.5 8.7 9.0 9.2 9.4	STR LE 70 74 80 84 85 86 88 88 88 90 90 92 92 92 92 92 92 92 92 92 92 92 92 92	EEL IS. 366 47 363 303 444 500 500 500 500 500 500 500 77 77 77 77 77 77 77 77 77 77 77 77 7	21
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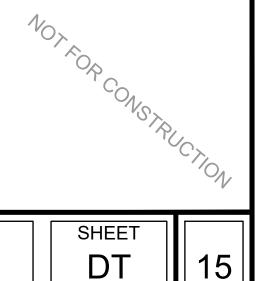
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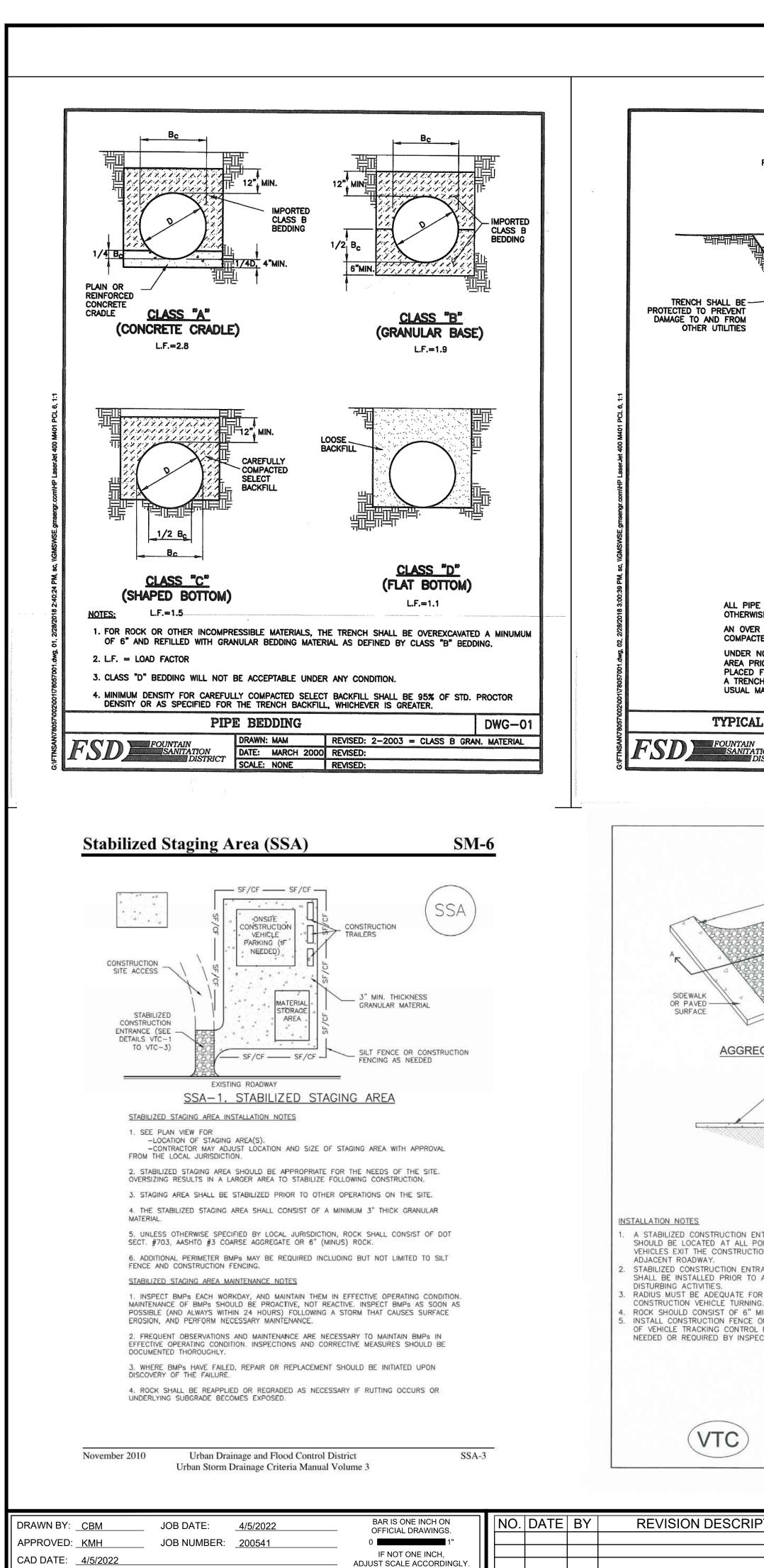


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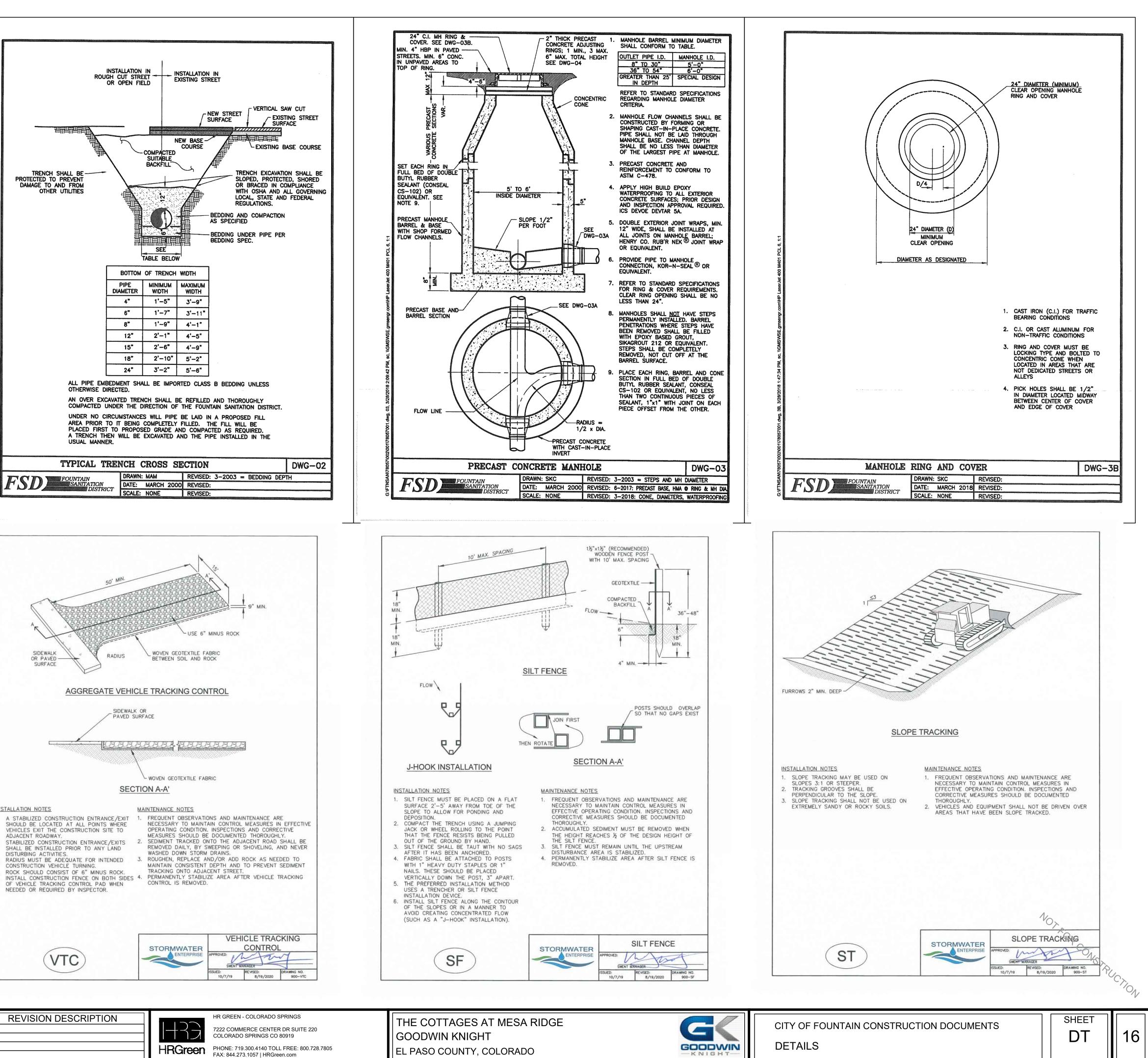


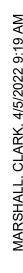
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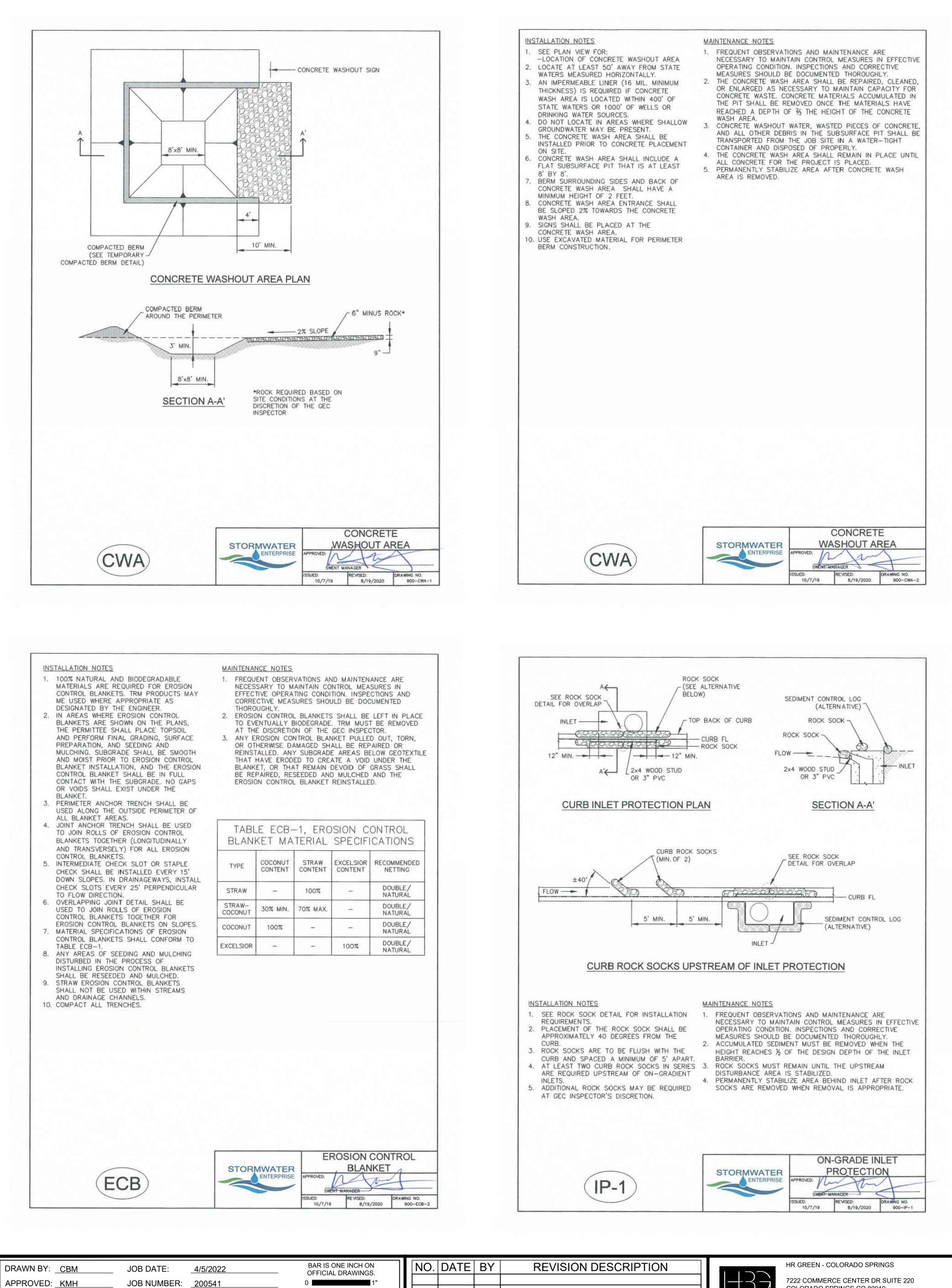




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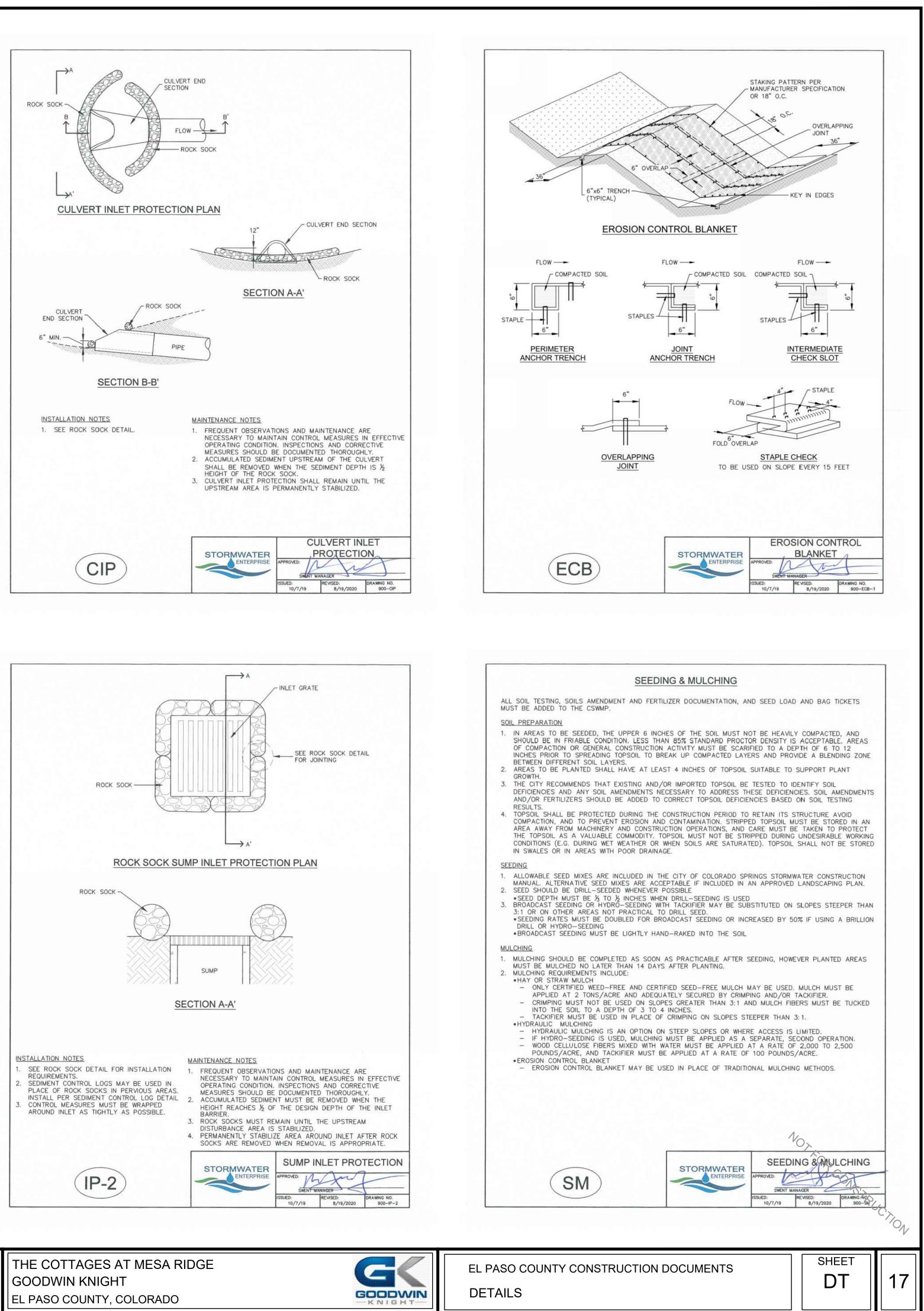


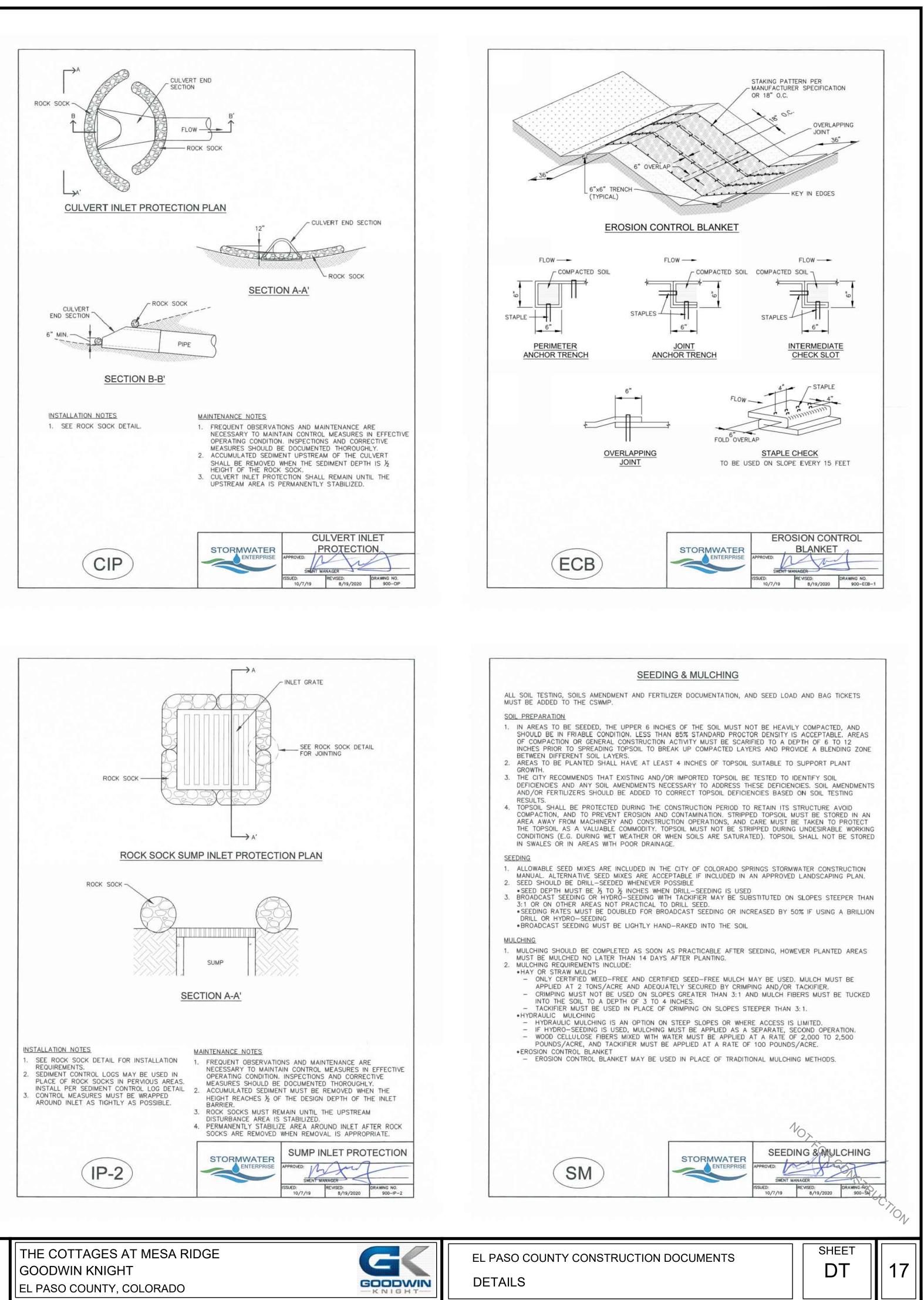


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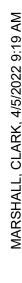
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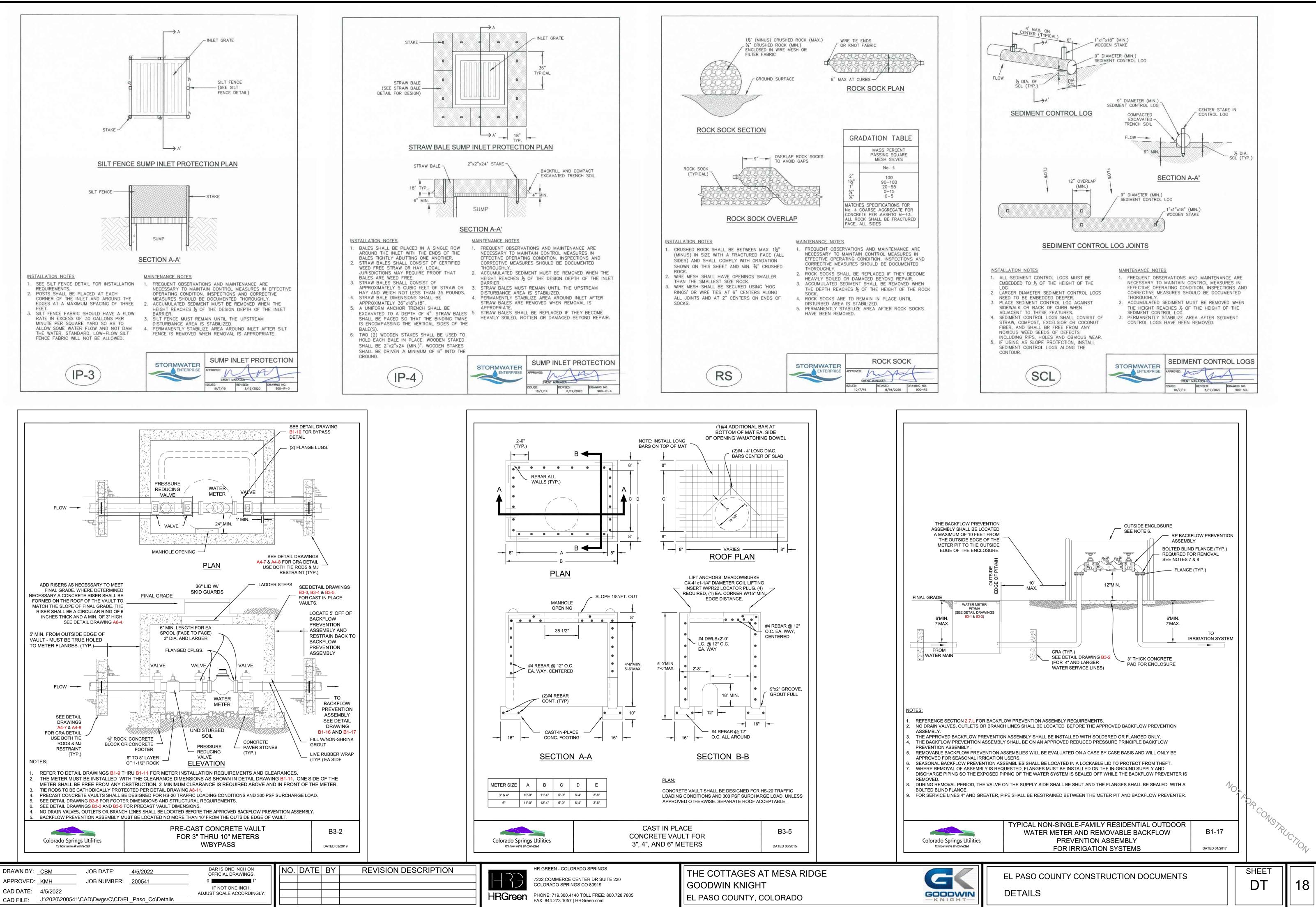
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CRIPTION	 HR GREEN - COLORADO SPRINGS 7222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919 PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 HRGreen.com 	THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT EL PASO COUNTY, COLORADO
	FAX: 844.273.1057 HRGreen.com	





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THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF SECTION 29, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO, DESCRIBED AS FOLLOWS:

BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 29, MONUMENTED AT THE WEST END WITH A 3.25" ALUMINUM CAP IN CONCRETE STAMPED "PLS 4842" AND MONUMENTED AT THE EAST END WITH A #6 REBAR AND 3.25" ALUMINUM CAP STAMPED "PLS 38141" AND ASSUMED TO BEAR S 89°57'13" E A FIELD MEASURED DISTANCE OF 2,652.37 FEET.

BENCHMARK: ELEVATIONS ARE BASED UPON THE FOUNTAIN SANITATION DISTRICT POINT N-1, BEING A 2" BRASS CAP IN CONCRETE AT THE NORTHEAST CORNER OF MESA RIDGE PARKWAY AND FOUNTAIN MESA ROAD. (ELEVATION=5750.57 NGVD 29).

BEGINNING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 28; THENCE N 89°41'59" E ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, A DISTANCE OF 117.30 FEET TO A POINT ON THE WEST LINE OF POWERS BOULEVARD AS RECORDED UNDER BOOK 6788 AT PAGE 531 OF THE RECORDS OF THE EL PASO COUNTY CLERK AND RECORDERS OFFICE; THENCE ALONG THE WEST LINE OF SAID POWERS BOULEVARD, 933.14 FEET ALONG THE ARC OF A 1.096.98 FOOT RADIUS CURVE TO THE RIGHT. HAVING A CENTRAL ANGLE OF 48°44'17" AND A CHORD THAT BEARS S 12°56'23" W. 905.26 FEET TO A POINT ON THE NORTHERLY LINE OF THAT PARCEL OF LAND DESCRIBED UNDER BOOK 5506 AT PAGE 1290 OF SAID RECORDS; THENCE OF THE FOLLOWING EIGHT (8) COURSES ALONG SAID NORTHERLY LINES AND EASTERLY LINES OF SAID PARCEL OF LAND DESCRIBED UNDER BOOK 5506 AT PAGE 1290: 1) N 84°16'00" W, A DISTANCE OF 198.99 FEET;

2) 46.11 FEET ALONG THE ARC OF A 540.00 FOOT RADIUS TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 04°53'33" AND A CHORD THAT BEARS N 86°42'46" W, 46.10 FEET; 3) N 89°09'33" W, A DISTANCE OF 124.09 FEET;

4) 100.02 FEET ALONG THE ARC OF A 140.00 FOOT RADIUS TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 40°56'07" AND A CHORD THAT BEARS N 68°41'30" W, 97.91 FEET; 5) N 48°13'27" W, A DISTANCE OF 126.77 FEET;

6) 6.49 FEET ALONG THE ARC OF AN 8.00 FOOT RADIUS TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 46°29'23" AND A CHORD THAT BEARS N 24°58'45" W, 6.31 FEET; 7) N 01°44'04" W, A DISTANCE OF 137.18 FEET;

8) 87.71 FEET ALONG THE ARC OF A 135.00 FOOT RADIUS TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 37°13'35" AND A CHORD THAT BEARS N 20°21'02" W, 86.18 FEET TO THE SOUTHWEST CORNER OF LOT 15, BLOCK 3, SUNRISE RIDGE SUBDIVISION FILING NO. 8 AS RECORDED UNDER RECEPTION NO. 1722613 OF SAID RECORDS;

THENCE THE FOLLOWING TWO (2) COURSES ALONG THE EASTERLY LINE OF SAID SUNRISE RIDGE SUBDIVISION FILING NO. 8: 1) 511.39 FEET ALONG THE ARC OF A 1,034.60 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 28°19'14" AND A CHORD THAT BEARS N 58°13'41" E. 506.20 FEET TO A POINT OF COMPOUND CURVATURE; 2) 283.12 FEET ALONG THE ARC OF A 500.00 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 32°26'36" AND A CHORD THAT BEARS N 27°50'47" E, 279.35 FEET TO A

POINT ON THE NORTH LINE OF SAID NORTHEAST QUARTER; THENCE N 89°57'13" E ALONG THE NORTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 115.21 FEET TO THE POINT OF BEGINNING.

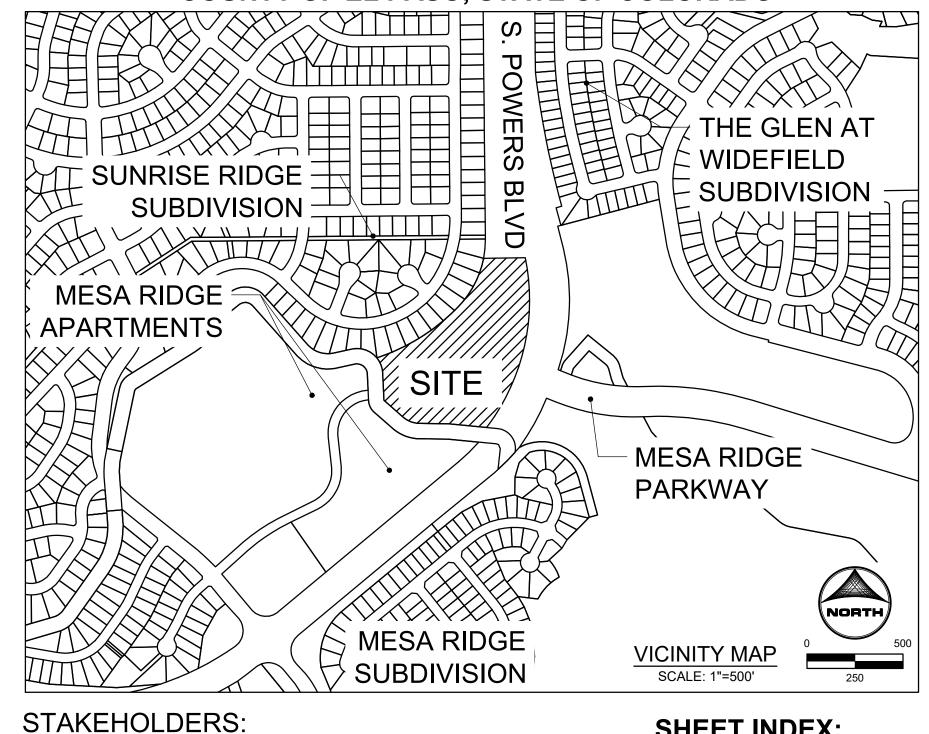
CONTAINING A CALCULATED AREA OF 445,104 SQUARE FEET (10.218 ACRES) OF LAND, MORE OR LESS.

TO BE PLATTED AS "THE COTTAGES AT MESA RIDGE"

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THE COTTAGES AT MESA RIDGE **CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS**

A PORTION OF THE NORTHEAST QUARTER OF SECTION 29, THE SOUTHEAST QUARTER OF SECTION 20, THE SOUTHWEST QUARTER OF SECTION 21, & THE NORTHWEST QUARTER OF SECTION 28, TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



OWNER:

DEVELOPER:

ATTN:

APPLICANT:

ATTN:

SURVEYOR:

CSJ NO 1 LLC 111 S. TEJON STREET, SUITE 222 COLORADO SPRINGS, CO 80903

GOODWIN KNIGHT 8605 EXPLORER DRIVE, SUITE 250 COLORADO SPRINGS, CO 80920 DAVE MORRISON

HR GREEN DEVELOPMENT, LLC 1975 RESEARCH PKWY, SUITE 230 COLORADO SPRINGS, CO 80920 PHIL STUEPFERT, KEN HUHN

BARRON LAND, LLC 2790 N ACADEMY BLVD #311 COLORADO SPRINGS, CO 80917 ATTN: SPENCER BARRON

SHEET INDEX:

1 – COVER

- 2 LEGEND & TYPICAL SECTIONS 3 – DEMOLITION PLAN
- 4 GEC INITIAL PLAN
- 5 GEC INTERIM-FINAL PLAN 6 - LANDOVER LANE - PLAN & PROFILE
- 7 SANITARY PLAN & PROFILE
- 9 STORM PLAN & PROFILE
- 8 STORM PLAN & PROFILE 10 - OUTLET STRUCTURE MODIFICATION PLAN
- 11 DETAILS
- 12 DETAILS
- 13 DETAILS 14 – DETAILS

SCRIPTION



ENGINEER'S STATEMENT:	
SIGNATURE (AFFIX SEAL): DA	TE:
COLORADO PROFESSIONAL ENGINEER NO:	
ACCEPTANCE:	
THESE PLAN SUBMITTED APPEAR TO BE IN CONFORMANCE WITH THE CI FOUNTAIN SUBMITTAL REQUIREMENTS AND STANDARD ENGINEERING PL AND PRACTICES APPEAR TO HAVE BEEN FOLLOWED. THE PROFESSIONA SUBMITTED AND SEALING THE PLANS IS SOLELY RESPONSIBLY FOR THE AND VALIDITY. THE REVIEW IS ONLY VALID FOR ONE (1) YEAR FROM THE	RINCIPLES AL ENGINEER EIR ACCURACY
BRANDY R WILLIAMS, P.E., CITY ENGINEER DATE:	_
DETAILED DRAINAGE CONSTRUCTION PLANS AND SPECIFICATIONS ENGINEER'S STATEMENT:	
THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER SUPERVISION. SAID DETAILED PLANS AND SPECIFICATIONS HAVE BEEN ACCORDING TO THE ESTABLISHED CRITERIA FOR DETAILED DRAINAGE F SPECIFICATIONS, AND SAID DETAILED PLANS AND SPECIFICATIONS ARE CONFORMITY WITH THE MASTER PLAN OF THE DRAINAGE BASIN. SAID D PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PAF DRAINAGE FACILITY(S) IS DESIGNED. I ACCEPT RESPONSIBILITY FOR AN CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART PREPARATION OF THE DETAILED PLANS AND SPECIFICATIONS.	PREPARED PLANS AND IN RAINAGE RTICULAR Y LIABILITY
SIGNATURE (AFFIX SEAL): DA	TE:
COLORADO PROFESSIONAL ENGINEER NO:	
CITY OF FOUNTAIN DETAILED DRAINAGE CONSTRUCTION	ON PLANS
AND SPECIFICATIONS REVIEW: PLAN REVIEW BY THE CITY OF FOUNTAIN IS PROVIDED ONLY FOR GENER CONFORMANCE WITH THE DESIGN CRITERIA. THE CITY OF FOUNTAIN IS RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIM AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. TH FOUNTAIN, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMED NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOC	NOT MENSIONS, HE CITY OF D
BRANDY R WILLIAMS, P.E., CITY ENGINEER DATE:	
ENGINEER'S STATEMENT	
SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND E SUCH WORK IS PERFORMED IN ACCORDANCE WITH THE GRADING AND E CONTROL PLAN, THE WORK WILL NOT BECOME A HAZARD TO LIFE AND L ENDANGER PROPERTY, OR ADVERSELY AFFECT THE SAFETY, USE OR S PUBLIC WAY, DRAINAGE CHANNEL, OR OTHER PROPERTY.	EROSION LIMB,
SIGNATURE (AFFIX SEAL) DATE	
OWNER'S STATEMENT	
THE OWNER WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING CONTROL PLAN INCLUDING TEMPORARY CONTROL MEASURE INSPECTIO REQUIREMENTS AND FINAL STABILIZATION REQUIREMENTS, ACCORDING OF COLORADO SPRINGS STORMWATER CONSTRUCTION MANUAL. I ACKI THE RESPONSIBILITY TO DETERMINE WHETHER THE CONSTRUCTION AC THESE PLANS REQUIRE COLORADO DISCHARGE PERMIT SYSTEM (CDPS FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION AC	ON G TO THE CITY NOWLEDGE CTIVITIES ON 9) PERMITTING
DEVELOPER/OWNER SIGNATURE:DATE:	
NAME OF DEVELOPER/OWNER:	
DBA: PHONE:	
TITLE: EMAIL:	
ADDRESS:	—
FAX:	
CITY OF FOUNTAIN GRADING AND EROSION CONTROL	REVIEW:
THIS GRADING PLAN AND EROSION CONTROL PLAN IS FILED IN ACCORD. SECTION 12.04.160 OF THE CODE OF THE CITY OF FOUNTAIN. THIS PLAN WITH THE DRAINAGE CRITERIA MANUAL, VOL. I (JANUARY 2021) AND VOL 2020); STORMWATER CONSTRUCTION MANUAL; LATEST REVISIONS.	IS REVIEWED
BRANDY R WILLIAMS, P.E., CITY ENGINEER DA'NOTES:	TE
CITY OF FOUNTAIN PUBLIC WORKS DEPARTMENT APPROVAL	
STREETS: SANITARY SEWER:	А
WATER MAIN:	NO7
DRAINAGE:	NOT FOR CON
PARKS:	° CON
NOTES:	
NOTES:	

COVER GOODWIN -KNIGHT-

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SANITARY SEWER CONSTRUCT			· —	SD SANI
 ALL MATERIALS AND WORKMANSHIP SHALL BE DISTRICT DESIGN CRITERIA AND CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY LOCATION AI 	SPECIFICATIONS.		1.	ALL MATERIA AND CONSTE
2. CONTRACTOR SHALL FIELD VERIFT LOCATION A TO INSTALLATION OF NEW SANITARY SEWER SYS 3. THE CONTRACTOR ASSUMES RESPONSIBILITY FO	TEM.		2.	CONTRACTOR NEW SANITA
WORK. PRIOR TO ANY EXCAVATION, CONTACT AT 811 AT LEAST TWO WORKING DAYS PRIOR T	THE UTILITY NOTIFICATION			
4. ALL PROPOSE SANITARY SEWER PIPELINES WI VIDEO INSPECTED PER THE FOUNTAIN SANITATIO	N DISTRICT (FSD) STANDAF	RD SPECIFICATIONS	Эл	PRIOR TO D
5. ALL AS-CONSTRUCTED RECORDS AND OTHER IMPROVEMENTS AGREEMENT SHALL BE COMPLE	-		ANCE	THE FOUNTA
OF THE SYSTEM BY THE DISTRICT. 6. DURING THE CONSTRUCTION OF THE SANITARY			VE IN	ALL AS-CON Shall be c
HIS/HER POSSESSION AT LEAST ONE "APPROVE AT ALL TIMES. APPROVED FIELD MODIFICATIONS RED INK ON THE PLANS BY THE CONTRACTO	TO PLAN SETS SHALL BE	CLEARLY IDENTIFI	ED IN ^{0.}	DURING THE POSSESSION
CHANGES SHALL BE DATED AND SUBMITTED TO RECORD SHALL PREPARE A COMPLETE SET (THE ENGINEER OF RECO	RD. THE ENGINEE	R OF	FIELD MODIF
SETS TO THE FOUNTAIN SANITATION DISTRICT SEWER SYSTEM.				RECORD. TH DELIVER THE SYSTEM.
7. WITH PRIOR APPROVAL, THE CONTRACTOR CURVILINEAR SANITARY SEWER PIPE AT T			ALL ROVED 7.	WITH PRIOR PIPE AT THE
CONSTRUCTION PLANS. 8. SANITARY SERVICE LINES SHALL BE LOCATED DIMENSIONS GIVEN AT EACH LOT WHERE A				SANITARY SE
DIRECTION OF THE FOUNTAIN SANITATION DISTRI 9. SERVICE STUBS SHALL BE INSTALLED A MINIM	CT REPRESENTATIVE.			FOUNTAIN S
OTHERWISE SHOWN, AND THE END OF THE ST OR WOODEN POST PAINTED GREEN.	· · ·		υ.	SHOWN, ANE GREEN.
10. OVERLOT GRADING AND STREET SUBGRADE MU UTILITY INSTALLATION.	ST BE WITHIN ± ONE (1)) FOOT PRIOR TO	I C). OVERLOT GF
11. CONTRACTOR TO CONSTRUCT ALL MANHOLES AN 12. ALL SANITARY SERVICE PIPE TO BE GREEN GAS	KET SDR35.		12	1. CONTRACTOF 2. ALL SANITAF
13. ALL 3° BENDS SHALL BE A SPIGOT X BELL F SHALL BE INSERTED IN THE BELL OF A FULL I	PIECE (13 FEET) OF ASTM	D3034 FOR PVC,	SDR 'S	3. ALL 3° BEN THE BELL C
26 OR 35 PIPE WITH THE SUBSEQUENT UPS PIPE. EACH JOINT OF PIPE MAY BE DEFLEC CONFORMANCE WITH THE MANUFACTURER'S SP	TED TO A MINIMUM RAD	IUS OF 200 FEE	et in	UPSTREAM F
CONTRACTOR SHALL USE EXTREME CARE AN HORIZONTAL AND VERTICAL ALIGNMENT.			OPER	THE CONTRA VERTICAL AL
14. MINIMUM RADIUS FOR SANITARY SEWER WITI 14-FOOT-LONG PIPE SEGMENT.			NG A	4. MINIMUM RA SEGMENT.
15. CONTRACTOR SHALL BE AWARE THAT WHEN DI STRUCTURES, THEY ARE TO IMMEDIATELY RE	MOVE THIS TO ELIMINATE	THE POSSIBILIT	Y OF	5. CONTRACTOF TO IMMEDIA BACKUP INT
PROPERTY DAMAGE DUE TO THE DEBRIS-CAUS WHEN IT IS DETERMINED THAT DEBRIS CAUSED RESPONSIBLE FOR DAMAGES.			HELD	CONTRACTOR
16. NO TREES ARE TO BE PLANTED WITHIN ANY S OF ANY MANHOLE OR PIPE.	SEWER EASEMENT OR WITH	HIN FIFTEEN (15)	FEET	6. NO TREES A PIPE.
17. ACCESS TO MANHOLES AND INLETS SHALL BE I 18. ALL MANHOLES SHALL RECEIVE AN EXTERIOR			<u>-</u> S.	7. ACCESS TO 3. ALL MANHOI
DEVOE "DEVTAR," OR APPROVED EQUAL. 19. ALL MANHOLES SHALL RECEIVE AN EXTERIOR				APPROVED I ALL MANHOL
REFER TO THE FOUNTAIN SANITATION DISTRICT INSTALLATION REQUIREMENTS.			20	FOUNTAIN S. D. ALL SANITAF
20. ALL SANITARY SEWER MANHOLES ON THIS PR PRIOR TO THE CONSIDERATION OF ACCEPTAN	CE BY THE DISTRICT. AT	THE DISTRICT'S	SOLE	CONSIDERAT MAY BE REC
OPTION, ADDITIONAL VACUUM TESTING MAY CONCLUSION OF THE WARRANTY PERIOD FOR ⁻ DISTRICT STANDARD SPECIFICATIONS FOR TESTIN				THE FOUNTA 1. CLASS "B"
	E UTILIZED FOR ALL			AS A MINIM AND/OR AL
COMPRISED OF ⅔ INCH CRUSHED ROCK. LARGE MAY BE NECESSARY IN ORDER TO ADDRESS	ER AGGREGATE AND/OR AL	TERNATIVE GRADA	TIONS TIONS 22	CONDITIONS 2. WHERE NEC
FOUND UPON EXCAVATION OF THE TRENCH IN BEDDING.	ADDITIONAL TO THE SPEC	CIFIED CLASS "B"	PIPE 23	LOCATIONS 3. SANITARY SE
22. WHERE NECESSARY, THE CONTRACTOR SHALL P SEWER PIPE AT THE LOCATIONS <u>SHOWN ON THI</u>	<u>E PLANS</u> .			DEPTHS UP FINISHED GF
23. SANITARY SEWER PIPE SHALL BE POLYVINYL (ASTM D3034 FOR DEPTHS UP TO SIXTEEN (16) FEET, SANITARY SEWI	ER LINES WITH C	OVER	PIPE SHALL SANITATION
EXCEEDING SIXTEEN (16) FEET FROM FINISHEE SDR 26, IN ACCORDANCE WITH ASTM D3034, A BEDDING MATERIAL OR WITH RECLAIMED CON	LL SDR 26 PIPE SHALL B	E BEDDED IN CLA		4. MANHOLES 3 5. ALL SANITAF
STANDARD. 24. MANHOLES SHALL BE STANDARD PRECAST CONC		SANITATION DIS		PRECAST SA THE MANHO
25. ALL SANITARY SEWER MANHOLES SHALL NOT H MANHOLE. ANY PRECAST SANITARY MANHOLES W	/ITH STEPS SHALL HAVE TH	HE STEPS REMOVE	D BY	6. SANITARY SE CENTERLINE
SAW CUTTING STEPS FLUSH TO THE MANHOLE STEPS.				7. IF GROUNDV DEWATERED.
26. SANITARY SEWER MH COVERS SHALL BE LOCA AS CLOSE TO THE CENTERLINE AS IS PRACTICA 27. IF GROUNDWATER IS ENCOUNTERED DURING	L.			GROUNDWAT TRENCH DEI SHALL CONT
OVEREXCAVATED AND DEWATERED. WELL POINTS WATER IN THE TRENCH. THE GROUNDWATER	SHALL BE PLACED AS N	ECESSARY TO PRE	EVENT	TRENCHES S B.IN AREAS W
BELOW THE UTILITY BEING INSTALLED. OVEREX WITH 2–INCH MINUS ROCK WITH <5% PASSIN	G NO. 4 SIEVE. DEWATE	RING SHALL CON	TILLED TINUE	SANITATION DENSITY REI
UNTIL SUCH TIME AS IT IS SAFE TO ALLOW PIPE TRENCHES SHALL CONTAIN ENOUGH BACKE 28.IN AREAS WHERE SANITARY SEWER WILL BE PI	TILL TO PREVENT PIPE FLO	ATATIONS.		COMPACTED WHICHEVER
THE FOUNTAIN SANITART SEWER WILL BE PI THE FOUNTAIN SANITATION DISTRICT WITH SC CONSTRUCTION OF THE PIPELINES. THE DENS	DIL DENSITY REPORTS PI	RIOR TO COMMEN		THE PROPO 9. THE SANITA
FILLS PLACED WITHIN PIPELINE CONSTRUCTION STANDARD PROCTOR DENSITY OR PER GEOTEC	SHALL BE COMPACTED TH HNICAL RECOMMENDATION,	O A MINIMUM OF WHICHEVER STAN	95% IDARD	IN-LINE WY
IS STRICTER. ADDITIONALLY, FILLS SHALL BE PL THE PROPOSED PIPE PRIOR TO CONSTRUCTION	OF THE PIPELINES.			LINE WYE F SYSTEM MAI PIPELINES T
29. THE SANITARY SEWER SERVICES TO BE CONST TO THE MAIN WITH IN-LINE WYE FITTINGS IN A DESIGN CRITERIA AND CONSTRUCTION SPECIFICA	CCORDANCE WITH FOUNTA	IN SANITATION DIS	TRICT 30	D. ALL SANITAF
LESS THAN 3-FEET CLEAR FROM AN ADJACENT LINES ARE LOCATED ON THE SAME SIDE OF TH	SERVICE LINE WYE FITTING	G. IF TWO (2) SE	RVICE	COPPER, EX Shall Exte No less th
SHALL BE NO LESS THAN 4 FEET OF SPACE PIPELINES TO FACILITATE FUTURE EXCAVATION C	BETWEEN THE TWO SEP.	ARATE SEWER SE	RVICE	BUILDING SE
30. ALL SANITARY SEWER MAINS AND PIPELINES WIRE, 6 GAUGE SOLID COPPER, EXTENDING F	SHALL BE CONSTRUCTED ROM THE MANHOLE—TO—M	WITH COPPER TR IANHOLE ON THE	ACER MAIN	UNDER ADJU MANHOLE IN
LINES. IN ADDITION, A COPPER TRACER WIRE CONNECTED TO THE MAIN LINE COPPER TRACEI	R WIRE, TO A LOCATION N	O LESS THAN 10	FEET	
INSIDE THE LOT FRONTAGE. THE TRACER WIRES SEWER CONSTRUCTION SUBJECT TO THE INSPEC 31. THE TRACER WIRE WILL EXTEND UP THE OUTS	TION OF THE FOUNTAIN SA	ANITATION DISTRICT	-	
THE MANHOLE INTERIOR UNDER ADJUSTING RIN FEET OF CONDUCTOR COILED AT THE MANHOLE	GS SET ON THE CONE WI			
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ITARY SEWER CONSTRUCTION NOTES:

ALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH FOUNTAIN SANITATION DISTRICT DESIGN CRITERIA RUCTION SPECIFICATIONS.

SHALL FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS PRIOR TO INSTALLATION OF ARY SEWER SYSTEM.

ACTOR ASSUMES RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES DURING THE WORK. PRIOR TO ATION, CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 811 AT LEAST TWO WORKING DAYS IGGING.

SED SANITARY SEWER PIPELINES WITHIN THIS PROJECT SHALL BE AIR TESTED AND VIDEO INSPECTED PER AIN SANITATION DISTRICT (FSD) STANDARD SPECIFICATIONS,

NSTRUCTED RECORDS AND OTHER REQUIREMENTS OF THE SUBDIVISION PUBLIC IMPROVEMENTS AGREEMENT COMPLETED PRIOR TO CONSIDERATION OF ACCEPTANCE OF THE SYSTEM BY THE DISTRICT,

CONSTRUCTION OF THE SANITARY SEWER SYSTEM THE CONTRACTOR SHALL HAVE IN HIS/HER AT LEAST ONE "APPROVED FOR CONSTRUCTION" SET OF UPDATED PLANS AT ALL TIMES. APPROVED ICATIONS TO PLAN SETS SHALL BE CLEARLY IDENTIFIED IN RED INK ON THE PLANS BY THE CONTRACTOR CONSTRUCTION. THESE AS-BUILT CHANGES SHALL BE DATED AND SUBMITTED TO THE ENGINEER OF E ENGINEER OF RECORD SHALL PREPARE A COMPLETE SET OF "AS CONSTRUCTED" DRAWINGS AND SETS TO THE FOUNTAIN SANITATION DISTRICT PRIOR TO FINAL ACCEPTANCE OF THE SANITARY SEWER

APPROVAL, THE CONTRACTOR SHALL PROVIDE 3 DEGREE BENDS ON ALL CURVILINEAR SANITARY SEWER LOCATIONS DETAILED ON THE APPROVED CONSTRUCTION PLANS. EWER SERVICE LINES SHALL BE LOCATED PER THE DETAIL ON THE UTILITY SERVICE PLAN, THE GIVEN AT EACH LOT WHERE A TYPICAL INSTALLATION IS REQUIRED OR AT THE DIRECTION OF THE

ANITATION DISTRICT REPRESENTATIVE. UBS SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET INTO THE PROPERTY, UNLESS OTHERWISE

ND THE END OF THE STUB SHALL BE MARKED WITH A 2"X4"X12' STEEL OR WOODEN POST PAINTED

RADING AND STREET SUBGRADE MUST BE WITHIN \pm ONE (1) FOOT PRIOR TO ANY UTILITY INSTALLATION. TO CONSTRUCT ALL MANHOLES AND STRUCTURES TO FINISHED GRADE. RY SERVICE PIPE TO BE GREEN GASKET SDR35.

IDS SHALL BE A SPIGOT X BELL FITTING. THE SPIGOT END OF EACH BEND FITTING SHALL BE INSERTED IN OF A FULL PIECE (13 FEET) OF ASTM D3034 FOR PVC. SDR 26 OR 35 PIPE WITH THE SUBSEQUENT PIPE SEGMENT BEING A FULL PIECE OF PIPE. EACH JOINT OF PIPE MAY BE DEFLECTED TO A MINIMUM 200 FEET IN CONFORMANCE WITH THE MANUFACTURER'S SPECIFICATIONS BETWEEN EACH BEND FITTING. ACTOR SHALL USE EXTREME CARE AND EXPERT WORKMANSHIP TO PROVIDE PROPER HORIZONTAL AND LIGNMENT THROUGH SECTIONS WITH 3° BENDS.

DIUS FOR SANITARY SEWER WITHOUT JOINT FITTINGS IS 267 FEET USING A 14-FOOT-LONG PIPE

SHALL BE AWARE THAT WHEN DEBRIS IS DROPPED INTO MANHOLES AND OTHER STRUCTURES, THEY ARE FELY REMOVE THIS TO ELIMINATE THE POSSIBILITY OF PROPERTY DAMAGE DUE TO THE DEBRIS-CAUSING O PRIVATE PROPERTIES. IF AND WHEN IT IS DETERMINED THAT DEBRIS CAUSED A BACKUP, THE SHALL BE HELD RESPONSIBLE FOR DAMAGES.

ARE TO BE PLANTED WITHIN ANY SEWER EASEMENT OR WITHIN FIFTEEN (15) FEET OF ANY MANHOLE OR

MANHOLES AND INLETS SHALL BE MADE AVAILABLE FOR MAINTENANCE PURPOSES. LES SHALL RECEIVE AN EXTERIOR WATERPROOF COATING OF COAL TAR EPOXY, ICS DEVOE "DEVTAR," OR EQUIVALENT.

LES SHALL RECEIVE AN EXTERIOR JOINT WRAP TO BEST ASSURE WATERTIGHTNESS. REFER TO THE ANITATION DISTRICT STANDARD SPECIFICATIONS FOR MATERIALS AND INSTALLATION REQUIREMENTS. RY SEWER MANHOLES ON THIS PROJECT SHALL BE SUBJECT TO VACUUM TESTING PRIOR TO THE FION OF ACCEPTANCE BY THE DISTRICT. AT THE DISTRICT'S SOLE OPTION, ADDITIONAL VACUUM TESTING QUIRED DURING AND PRIOR TO THE CONCLUSION OF THE WARRANTY PERIOD FOR THIS WORK. REFER TO AIN SANITATION DISTRICT STANDARD SPECIFICATIONS FOR TESTING REQUIREMENTS.

GRANULAR BEDDING SHALL BE UTILIZED FOR ALL WASTEWATER PIPELINE CONSTRUCTION ON THIS PROJECT UM, THE CLASS "B" BEDDING SHALL BE COMPRISED OF 3/4-INCH CRUSHED ROCK. LARGER AGGREGATE FERNATIVE GRADATIONS MAY BE NECESSARY IN ORDER TO ADDRESS TRENCH SUBGRADE STABILIZATION FOUND UPON EXCAVATION OF THE TRENCH IN ADDITION TO THE SPECIFIED CLASS "B" PIPE BEDDING. ESSARY. THE CONTRACTOR SHALL PROVIDE 3° BENDS ON ALL CURVILIVEAR SANITARY SEWER PIPE AT THE SHOWN ON THE PLANS.

EWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC), SDR 35, IN ACCORDANCE WITH ASTM D3034 FOR TO SIXTEEN (16) FEET. SANITARY SEWER LINES WITH COVER EXCEEDING SIXTEEN (16) FEET FROM RADE SHALL BE POLYVINYL CHLORIDE (PVC), SDR 26, IN ACCORDANCE WITH ASTM D3034. ALL SDR 26 BE BEDDED IN CLASS B BEDDING MATERIAL OR WITH RECLAIMED CONCRETE MATERIAL MEETING DISTRICT STANDARD.

SHALL BE STANDARD PRECAST CONCRETE

RY SEWER MANHOLES SHALL NOT HAVE ANY ACCESS STEPS INSTALLED INSIDE THE MANHOLE. ANY ANITARY MANHOLES WITH STEPS SHALL HAVE THE STEPS REMOVED BY SAW CUTTING STEPS FLUSH TO LE AND ADDING EPOXY TO THE CUT ENDS OF THE STEPS.

EWER MH COVERS SHALL BE LOCATED ALONG THE CENTERLINE OF THE STREET OR AS CLOSE TO THE AS IS PRACTICAL

ATER IS ENCOUNTERED DURING TRENCHING THEN THE TRENCH SHALL BE OVEREXCAVATED AND WELL POINTS SHALL BE PLACED AS NECESSARY TO PREVENT WATER IN THE TRENCH. THE ER LEVEL SHALL BE KEPT 12—INCHES OR MORE BELOW THE UTILITY BEING INSTALLED. OVEREXCAVATED PTH SHALL BE BACKFILLED WITH 2-INCH MINUS ROCK WITH <5% PASSING NO. 4 SIEVE. DEWATERING TINUE UNTIL SUCH TIME AS IT IS SAFE TO ALLOW THE WATER TABLE TO RISE IN THE EXCAVATION. PIPE SHALL CONTAIN ENOUGH BACKFILL TO PREVENT PIPE FLOATATION.

HERE SANITARY SEWER WILL BE PLACED ON FILL THE CONTRACTOR SHALL SUPPLY THE FOUNTAIN DISTRICT WITH SOIL DENSITY REPORTS PRIOR TO COMMENCING CONSTRUCTION OF THE PIPELINES. THE PORTS SHALL DEMONSTRATE THAT ALL FILLS PLACED WITHIN PIPELINE CONSTRUCTION SHALL BE TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY OR PER GEOTECHNICAL RECOMMENDATION,

STANDARD IS STRICTER. ADDITIONALLY, FILLS SHALL BE PLACED TO A MINIMUM OF 6' ABOVE THE TOP OF SED PIPE PRIOR TO CONSTRUCTION OF THE PIPELINES.

ARY SEWER SERVICES TO BE CONSTRUCTED IN THIS PROJECT SHALL BE CONNECTED TO THE MAIN WITH FITTINGS IN ACCORDANCE WITH FOUNTAIN SANITATION DISTRICT DESIGN CRITERIA AND CONSTRUCTION INS. EACH WYE FITTING WILL BE LOCATED NO LESS THAN 3-FEET CLEAR FROM AN ADJACENT SERVICE ITTING. IF TWO (2) SERVICE LINES ARE LOCATED ON THE SAME SIDE OF THE WASTEWATER COLLECTION N, THERE SHALL BE NO LESS THAN 4 FEET OF SPACE BETWEEN THE TWO SEPARATE SEWER SERVICE TO FACILITATE FUTURE EXCAVATION OF EACH WITHOUT DISTURBANCE.

RY SEWER MAINS AND PIPELINES SHALL BE CONSTRUCTED WITH COPPER TRACER WIRE, 6 GAUGE SOLID TENDING FROM THE MANHOLE-TO-MANHOLE ON THE MAIN LINES. IN ADDITION, A COPPER TRACER WIRE ND ALONG EACH SERVICE LINE, CONNECTED TO THE MAIN LINE COPPER TRACER WIRE, TO A LOCATION IAN 10 FEET INSIDE THE LOT FRONTAGE. THE TRACER WIRES WILL BE CONTINUED AT THE TIME OF EWER CONSTRUCTION SUBJECT TO THE INSPECTION OF THE FOUNTAIN SANITATION DISTRICT. WIRE WILL EXTEND UP THE OUTSIDE OF EACH MANHOLE AND BE INSERTED INTO THE MANHOLE INTERIOR JSTING RINGS SET ON THE CONE WITH NO LESS THAN 1.5 FEET OF CONDUCTOR COILED AT THE TERIOR.

LEGEND

MATCH LINE PHASE LINE SECTION LINE PROPERTY LINE _____ EASEMENT LINE RIGHT OF WAY CENTERLINE CHAIN LINK FENCE WOODEN FENCE ROD IRON FENCE _____ GUARDRAIL _____ CABLE TV U.G. ELECTRIC _ _ _ OVERHEAD ELECTRIC _____ OE FIBER OPTIC GAS MAIN - -----SANITARY SEWER _ _ _ STORM DRAIN TELEPHONE _____ ит WATER MAIN _ _ _ SWALE TRAIL ----CURB & GUTTER ===== DRAINAGE BASIN INDEX CONTOUR ____ INTER. CONTOUR 100-YR FLOODPLAIN FLOODWAY

EDGE OF WETLANDS

DRAINAGE

DRAINAGE BASIN

BASIN TAG

DESIGN POINT

FSD GENERAL SER

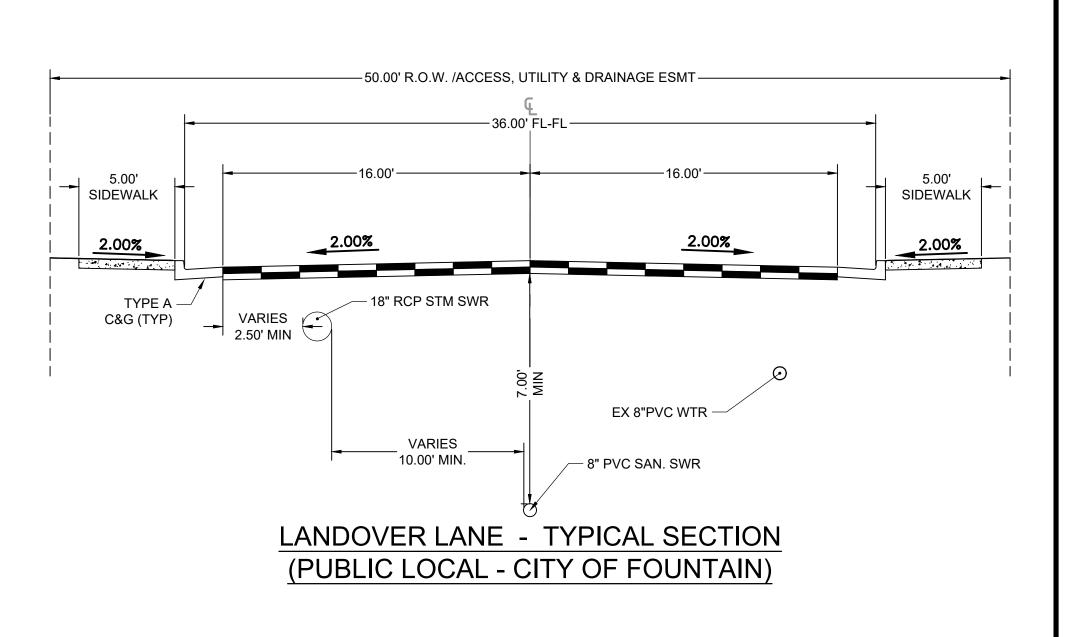
THE CONTRACTOR SHALL NOTIFY THE FOUNTAIN SANITATION DISTRICT OFFICE (719-382-5303) A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. <u>GENERAL:</u>

- SANITATION DISTRICT.

SCRIPTION

HR GREEN - COLORADO SPRINGS 222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919 HRGreen PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 | HRGreen.com

THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT FOUNTAIN, COLORADO



EXISTING	PROPOSED	STORM SEWER			
		MANHOLE STORM INLET FLARED END SECTION RIPRAP	EXISTING ST	PROPOSED D A D D D D D D D D D D D D D	
		SANITARY SEWER			
		CLEAN OUT MANHOLE PLUG	6 ©	ь (S) з	
	UE 0E	WATER			
FO	FO	FIRE HYDRANT FIRE DEPT. CONNECTION GATE VALVE MANHOLE METER TEE REDUCER		N N N N N N N N N N N N N N N N N N N	
		DRY UTILITIES		MISCELLANEOUS	
		ELECTRIC METER ELECTRIC PEDESTAL ELECTRICAL CABINET ELECTRIC VAULT FIBER OPTIC PULL BOX	E E EVL E	SIGN BOLLLARD ACCESSIBLE PARKING	
EXISTING	PROPOSED	FIBER OPTIC MANHOLE FIBER OPTIC PEDESTAL FIBER OPTIC SIGN FIBER OPTIC VAULT GAS METER GAS SIGN GAS VAULT TELEPHONE CABINET TELEPHONE MANHOLE TELEPHONE SIGNAL/MAST TELEPHONE SIGN TELEPHONE PEDESTAL TRANSFORMER LIGHT POLE FIBER OPTIC VAULT			
RAL SERVICE PLA	N NOTES				

1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICIATIONS. 2. FOUNTAIN SANITATION DISTRICT DOES NOT GUARANTEE THE ACCURACY OF LOCATIONS OF EXISTING PIPELINES, MANHOLES, AND SERVICE LINES. IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE DISTRICT INSPECTOR AND THE DESIGN ENGINEER IMMEDIATELY. 3. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY FACILITIES AS A RESULT OF THEIR ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY TO THE SATISFACTION OF FOUNTAIN

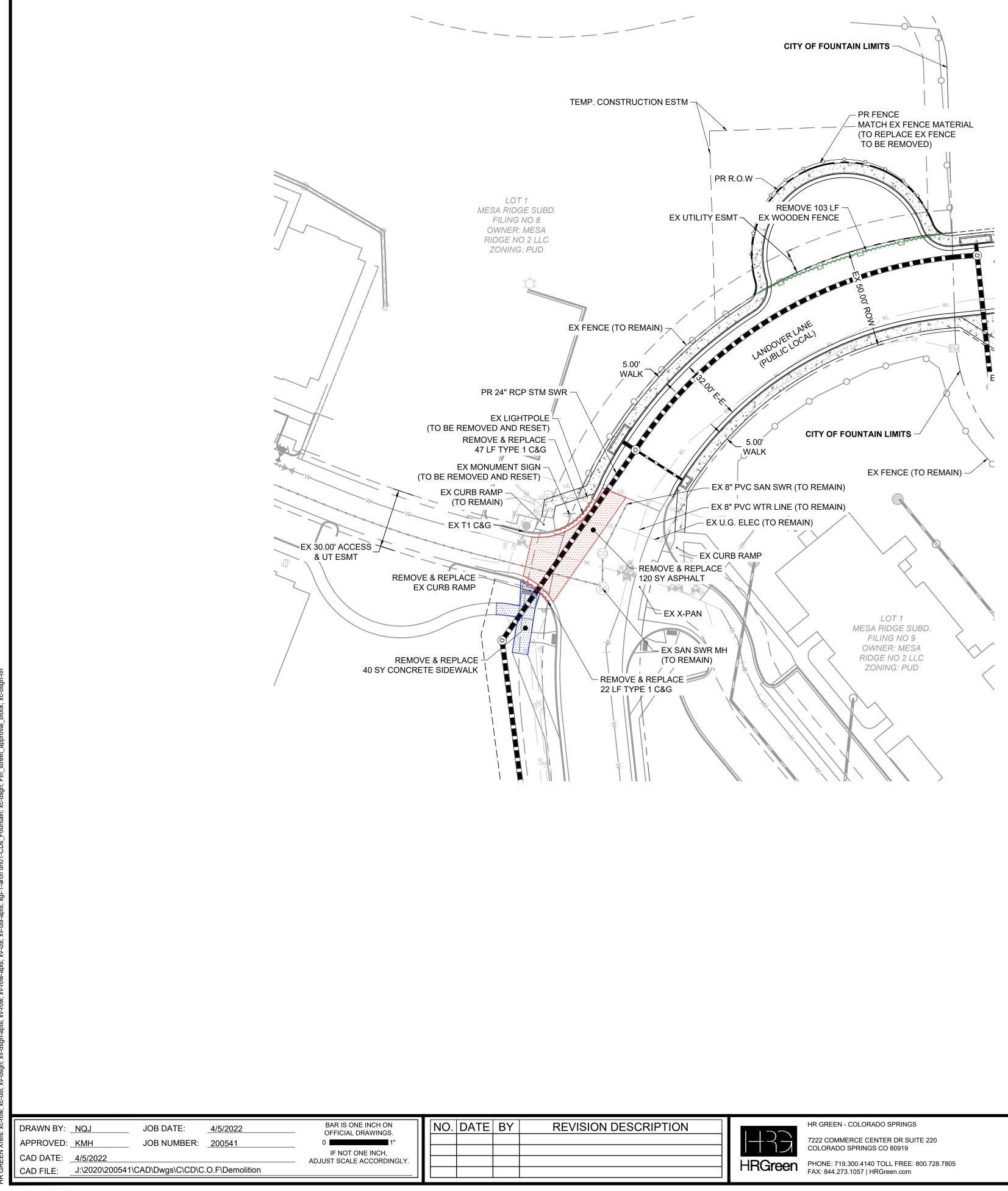
4. ALL FIELD STAKING SHALL COMPLY WITH THE WASTEWATER STANDARD SPECIFICATIONS. 5. FINAL LOCATION OF ALL WASTEWATER SERVICES SHALL BE APPROVED IN THE FIELD BY THE DISTRICT INSPECTOR. 6. ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION PART C, ATRICLE II OF THE FOUNTAIN SANITATION DISTRICT STANDARD SPECIFICATIONS MANUAL.





CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS **LEGEND & TYPICAL SECTIONS**





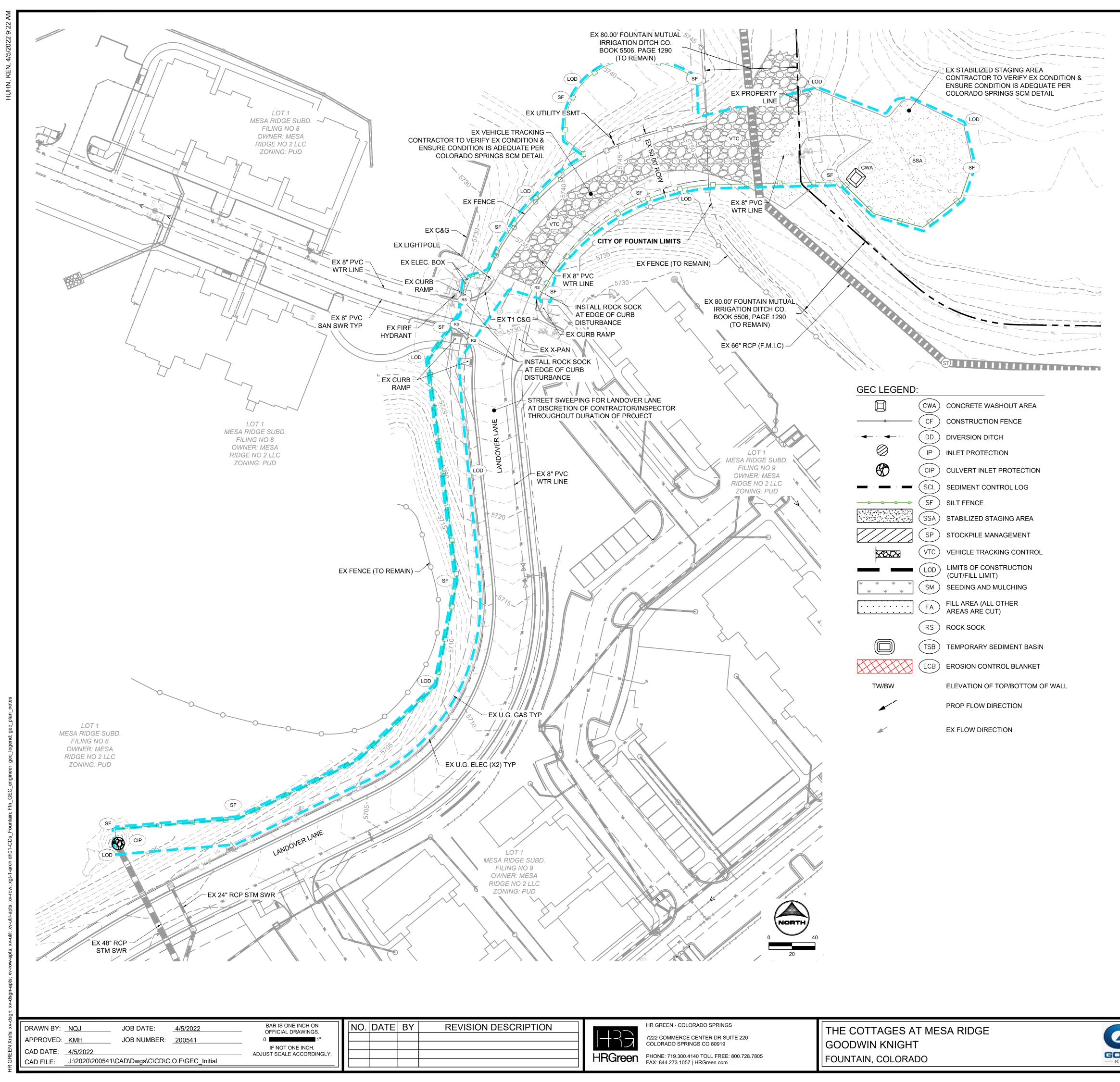
DEMOLITION LEGEND:

ASPHALT REMOVAL	
CONCRETE REMOVAL	
CURB & GUTTER REMOVAL	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
FENCE REMOVAL	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT FOUNTAIN, COLORADO

	·				
	ENGINEER'S STATEMENT:				
	SIGNATURE (AFFIX SEAL): DATE:				
	COLORADO PROFESSIONAL ENGINEER NO:				
	ACCEPTANCE:				
	THESE PLAN SUBMITTED APPEAR TO BE IN CONFORMANCE WITH THE CITY OF FOUNTAIN SUBMITTAL REQUIREMENTS AND STANDARD ENGINEERING PRINCIPLES AND PRACTICES APPEAR TO HAVE BEEN FOLLOWED. THE PROFESSIONAL ENGINEER SUBMITTED AND SEALING THE PLANS IS SOLELY RESPONSIBLY FOR THEIR ACCURACY AND VALIDITY. THE REVIEW IS ONLY VALID FOR ONE (1) YEAR FROM THE DATE BELOW.				
	BRANDY R WILLIAMS, P.E., CITY ENGINEER DAT	۲۳.	CTION		
CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS					
		DP	3		
DEMOLITION PLAN					







- 1. SEE SHEETS 11-13 FOR CITY OF COLORADO SPRINGS GRADING AND EROSION CONTROL DETAILS.
- 2. ALL STORMWATER MANAGEMENT MEASURES SHOWN ON THIS PLAN MUST BE INSTALLED AND MAINTAINED PER THE COLORADO SPRINGS STORMWATER CONSTRUCTION MANUAL;
- LATEST REVISIONS. 3. AREA WITHIN LIMITS OF DISTURBANCE TO BE CLEARED, GRUBBED AND STOCKPILED
- PRIOR TO IMPORT OF ANY FILL.
- 4. ALL 3:1 SLOPES MUST BE RECEIVE SLOPE TRACKING TREATMENT AND EROSION CONTROL BLANKET.

5. STOCKPILES REQUIRED DURING ONSITE CONSTRUCTION ACTIVITIES WILL BE PLACED AT THE DISCRETION OF THE CONTRACTOR. STOCKPILING OF MATERIAL MUST NOT OCCUR OUTSIDE THE LIMITS OF DISTURBANCE SHOWN ON THIS PLAN.

- 6. NON-STRUCTURAL CONTROLS (I.E. STREET SWEEPING) WILL BE AT THE DISCRETION OF THE PROJECT'S CERTIFIED GEC ADMINISTRATOR THROUGHOUT THE DURATION OF LAND DISTURBING ACTIVITIES.
- 7. THERE ARE NO ANTICIPATED ASPHALT AND/OR CONCRETE BATCH PLANTS, OR MASONRY MIX STATIONS ASSOCIATED WITH THIS PROJECT. IF THE CONTRACTOR REQUIRES A ASPHALT/CONCRETE BATCH PLANTS OR MASONRY MIX STATIONS, THESES PLANS WILL BE AMENDED AS REQUIRED.
- 8. THERE ARE NO EXISTING PRESERVATION EASEMENTS LOCATED ON SITE.

<u>PROJECT INFO:</u>

TOTAL DISTURBANCE AREA = 1.31 AC

RECEIVING WATERS: JIMMY CAMP CREEK

- ANTICIPATED START OF CONSTRUCTION: SPRING 2022
- ANTICIPATED END OF LAND DISTURBANCE: FALL 2022

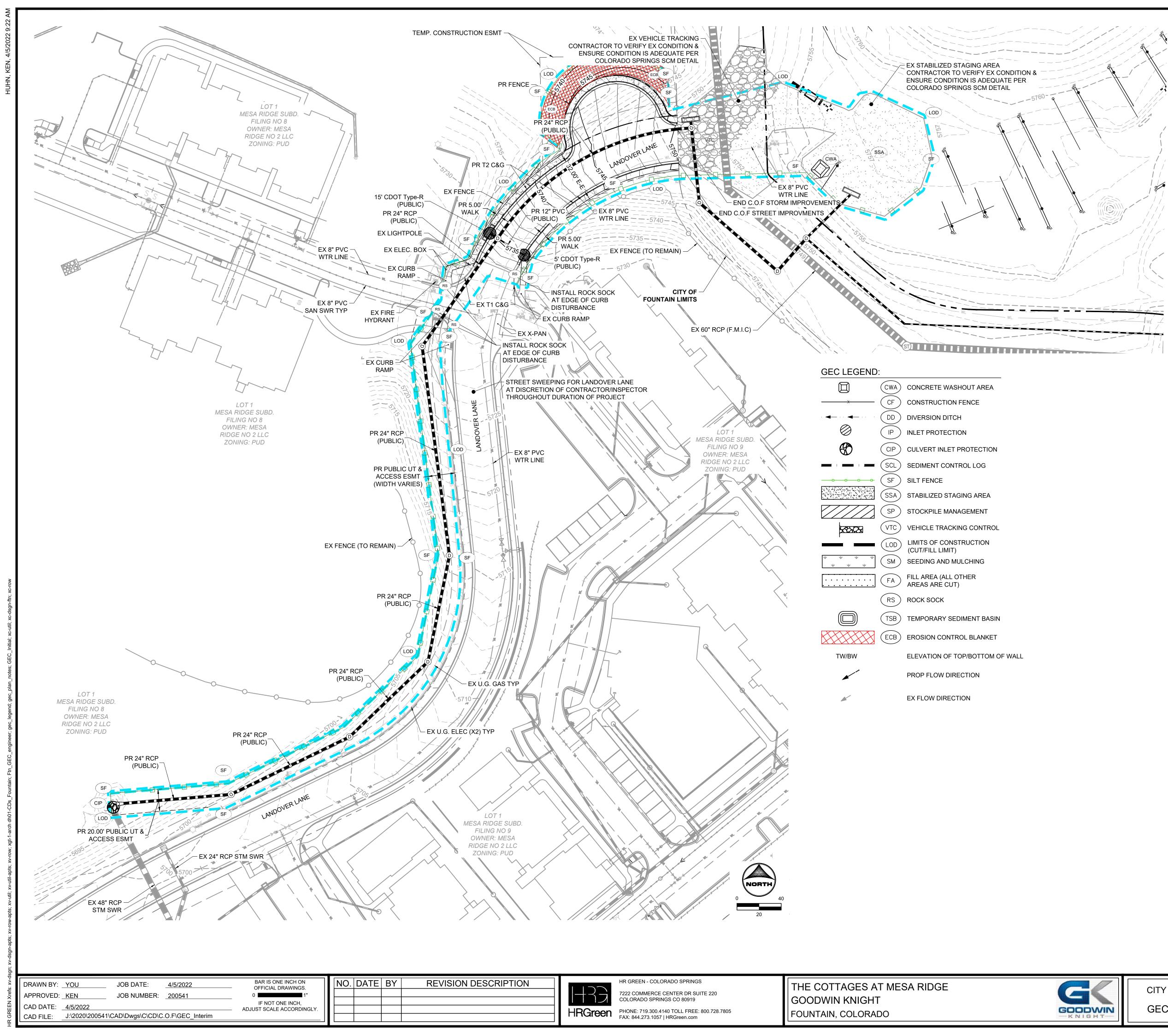
ANTICIPATED FINAL STABILIZATION: WINTER 2022

ENGINEER'S STATEMENT

THIS GRADING AND EROSION CONTROL PLAN WAS PF SUPERVISION AND IS CORRECT TO THE BEST OF MY F SUCH WORK IS PERFORMED IN ACCORDANCE WITH T CONTROL PLAN, THE WORK WILL NOT BECOME A HAZ ENDANGER PROPERTY, OR ADVERSELY AFFECT THE PUBLIC WAY, DRAINAGE CHANNEL, OR OTHER PROPE	KNOWLEDGE AND BELIEF. IF THE GRADING AND EROSION ZARD TO LIFE AND LIMB, SAFETY, USE OR STABILITY OF A
SIGNATURE (AFFIX SEAL)	DATE
OWNER'S STATEMENT	
THE OWNER WILL COMPLY WITH THE REQUIREMENTS CONTROL PLAN INCLUDING TEMPORARY CONTROL M REQUIREMENTS AND FINAL STABILIZATION REQUIREM OF COLORADO SPRINGS STORMWATER CONSTRUCTI THE RESPONSIBILITY TO DETERMINE WHETHER THE O THESE PLANS REQUIRE COLORADO DISCHARGE PERI FOR STORMWATER DISCHARGES ASSOCIATED WITH O	EASURE INSPECTION MENTS, ACCORDING TO THE CITY ION MANUAL. I ACKNOWLEDGE CONSTRUCTION ACTIVITIES ON MIT SYSTEM (CDPS) PERMITTING
DEVELOPER/OWNER SIGNATURE:	DATE:
NAME OF DEVELOPER/OWNER:	
DBA: PHONE	:
TITLE: EMAIL:	
ADDRESS:	
FAX:	
CITY OF FOUNTAIN GRADING AND EROS	
CITT OF FOUNTAIN GRADING AND EROS	
THIS GRADING PLAN AND EROSION CONTROL PLAN IS SECTION 12.04.160 OF THE CODE OF THE CITY OF FOU WITH THE DRAINAGE CRITERIA MANUAL, VOL. I (JANU 2020); STORMWATER CONSTRUCTION MANUAL; LATES	JNTAIN. THIS PLAN IS REVIEWED ARY 2021) AND VOL. II (DECEMBER
BRANDY R WILLIAMS, P.E., CITY ENGINEER	DATE
NOTES:	ST REVISIONS.
NSTRUCTION DOCUMENTS	GEC 4



CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS	
GEC - INITIAL PLAN	



SCRIPTION	

GRADING & EROSION CONTROL PLAN NOTES:

- SEE SHEETS 11-13 FOR CITY OF COLORADO SPRINGS GRADING AND EROSION CONTROL DETAILS. 2. ALL STORMWATER MANAGEMENT MEASURES SHOWN ON THIS PLAN MUST BE INSTALLED
- AND MAINTAINED PER THE COLORADO SPRINGS STORMWATER CONSTRUCTION MANUAL; LATEST REVISIONS.
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<u>PROJECT INFO:</u>

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RECEIVING WATERS: JIMMY CAMP CREEK

ANTICIPATED START OF CONSTRUCTION: SPRING 2022

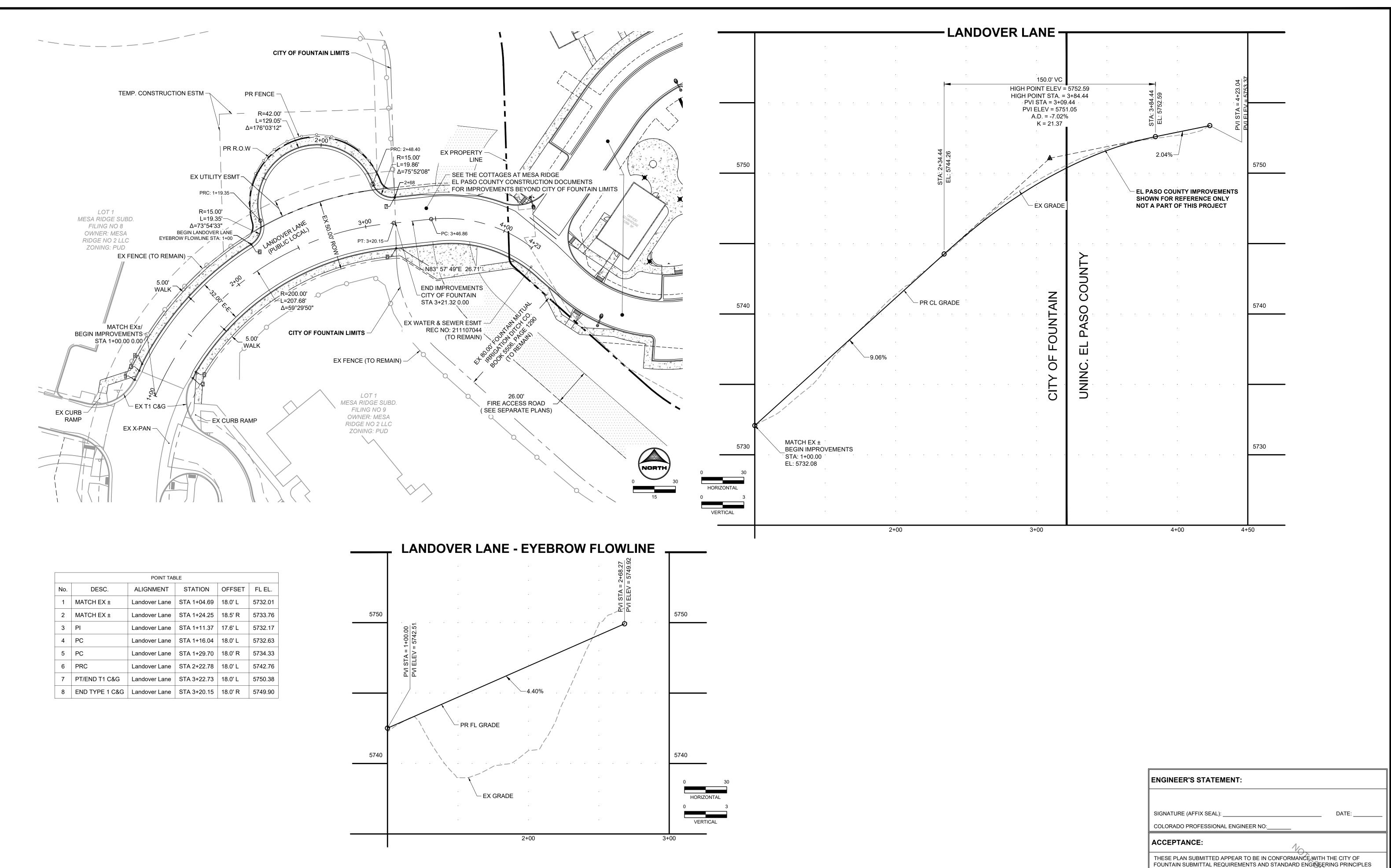
ANTICIPATED END OF LAND DISTURBANCE: FALL 2022

ANTICIPATED FINAL STABILIZATION: WINTER 2022

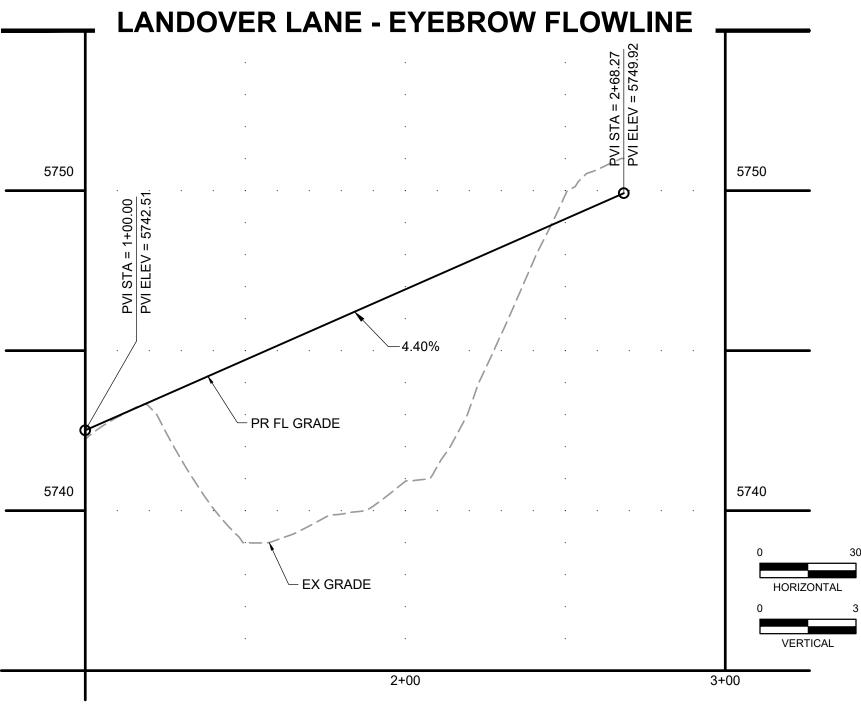
ENGINEER'S STATEMENT

	THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. IF SUCH WORK IS PERFORMED IN ACCORDANCE WITH THE GRADING AND EROSION CONTROL PLAN, THE WORK WILL NOT BECOME A HAZARD TO LIFE AND LIMB, ENDANGER PROPERTY, OR ADVERSELY AFFECT THE SAFETY, USE OR STABILITY OF A PUBLIC WAY, DRAINAGE CHANNEL, OR OTHER PROPERTY.				
	SIGNATURE (AFFIX SEAL)	DATE			
	OWNER'S STATEMENT THE OWNER WILL COMPLY WITH THE REQUIREMENTS CONTROL PLAN INCLUDING TEMPORARY CONTROL ME REQUIREMENTS AND FINAL STABILIZATION REQUIREM OF COLORADO SPRINGS STORMWATER CONSTRUCTIO THE RESPONSIBILITY TO DETERMINE WHETHER THE CO THESE PLANS REQUIRE COLORADO DISCHARGE PERM FOR STORMWATER DISCHARGES ASSOCIATED WITH CO	EASURE INSPECTION ENTS, ACCORDING TO THE CITY ON MANUAL. I ACKNOWLEDGE CONSTRUCTION ACTIVITIES ON AIT SYSTEM (CDPS) PERMITTING CONSTRUCTION ACTIVITY.			
	DEVELOPER/OWNER SIGNATURE:	DATE:			
	NAME OF DEVELOPER/OWNER:				
	DBA: PHONE:				
	TITLE: EMAIL: _				
	ADDRESS:				
	FAX:				
	CITY OF FOUNTAIN GRADING AND EROSI	ON CONTROL REVIEW:			
	THIS GRADING PLAN AND EROSION CONTROL PLAN IS SECTION 12.04.160 OF THE CODE OF THE CITY OF FOU WITH THE DRAINAGE CRITERIA MANUAL, VOL. I (JANUA 2020); STORMWATER CONSTRUCTION MANUAL; LATES	NTAIN. THIS PLAN IS REVIEWED RY 2021) AND VOL. II (DECEMBE T REVISIONS.			
	BRANDY R WILLIAMS, P.E., CITY ENGINEER	DATE			
	NOTES:	DATER			
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CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS
GEC - INTERIM-FINAL PLAN

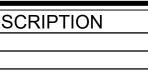


		POINT TAE	BLE		
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
1	MATCH EX ±	Landover Lane	STA 1+04.69	18.0' L	5732.01
2	MATCH EX ±	Landover Lane	STA 1+24.25	18.5' R	5733.76
3	PI	Landover Lane	STA 1+11.37	17.6' L	5732.17
4	PC	Landover Lane	STA 1+16.04	18.0' L	5732.63
5	PC	Landover Lane	STA 1+29.70	18.0' R	5734.33
6	PRC	Landover Lane	STA 2+22.78	18.0' L	5742.76
7	PT/END T1 C&G	Landover Lane	STA 3+22.73	18.0' L	5750.38
8	END TYPE 1 C&G	Landover Lane	STA 3+20.15	18.0' R	5749.90



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APPROVED: <u>KMH</u> JOB N	UMBER: 200541	0 11				
CAD DATE: <u>4/5/2022</u>		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.				
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HR GREEN - COLORADO SPRINGS 7222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919
 PHONE: 719.300.4140 TOLL FREE: 800.728.7805

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THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT FOUNTAIN, COLORADO

OUNTAIN SUBMITTAL REQUIREMENTS AND STANDARD ENGINEERING	6 PRINCIPLES
ND PRACTICES APPEAR TO HAVE BEEN FOLLOWED. THE PROFESSIO	NAL ENGINEER
UBMITTED AND SEALING THE PLANS IS SOLELY RESPONSIBLY FOR T	HEIR ACCURACY
ND VALIDITY. THE REVIEW IS ONLY VALID FOR ONE (1) YEAR FROM T	HE DATE BELOW
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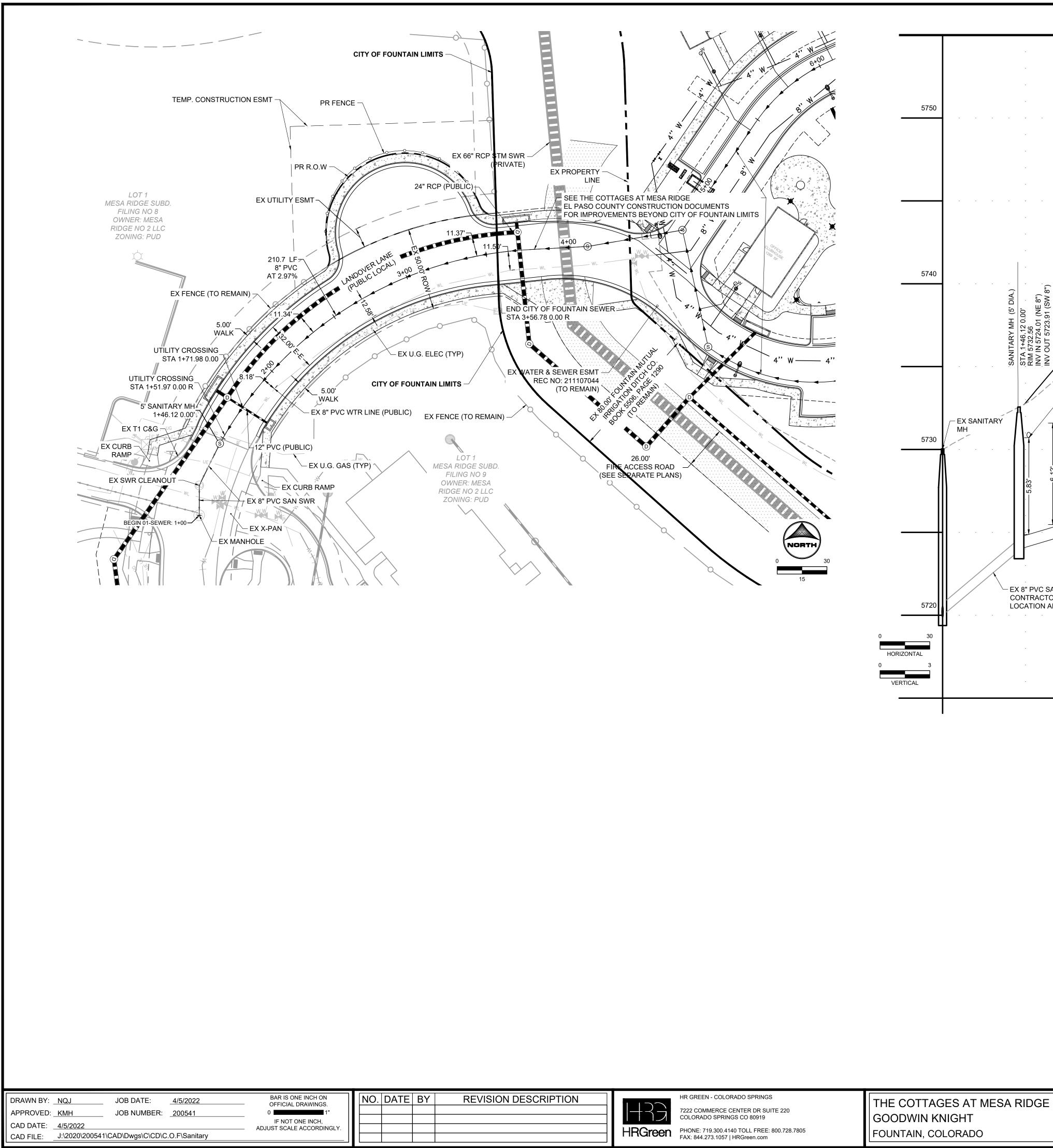
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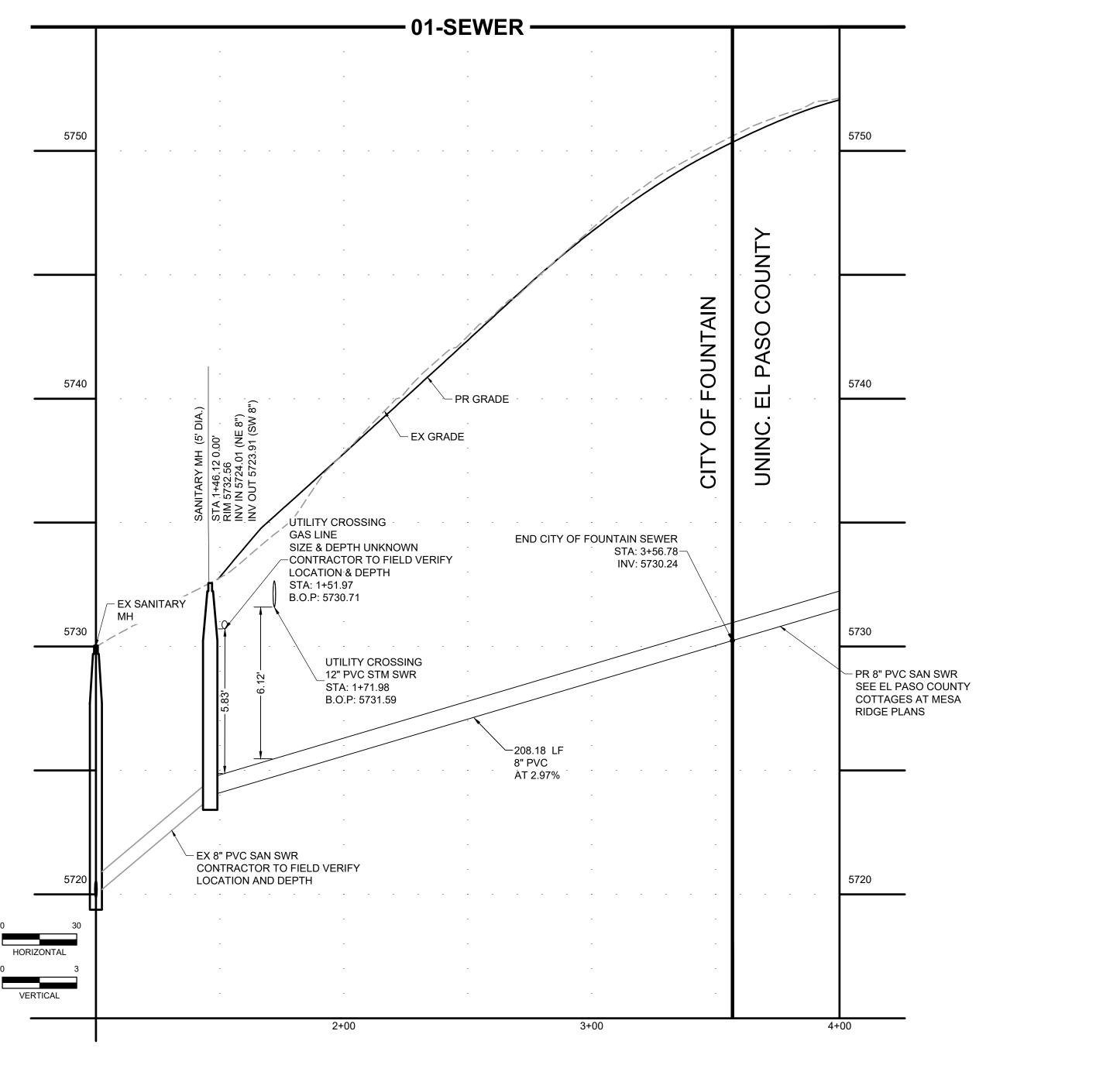
BRANDY R WILLIAMS, P.E., CITY ENGINEER

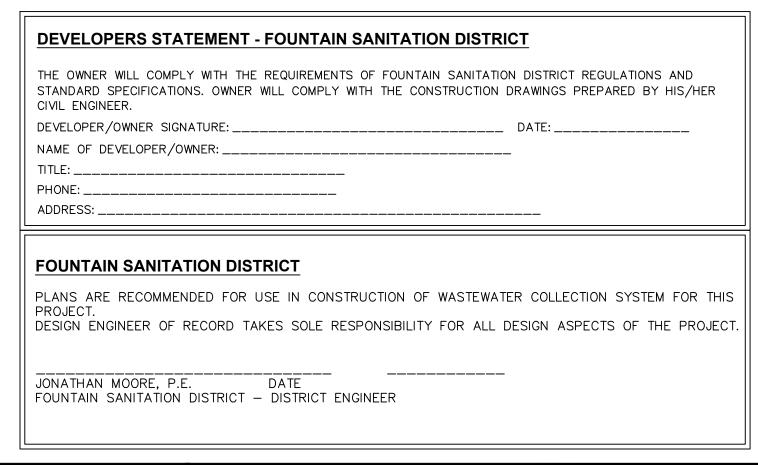


CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS LANDOVER LANE - PLAN & PROFILE

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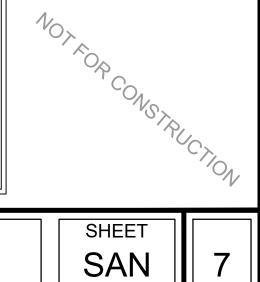


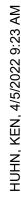


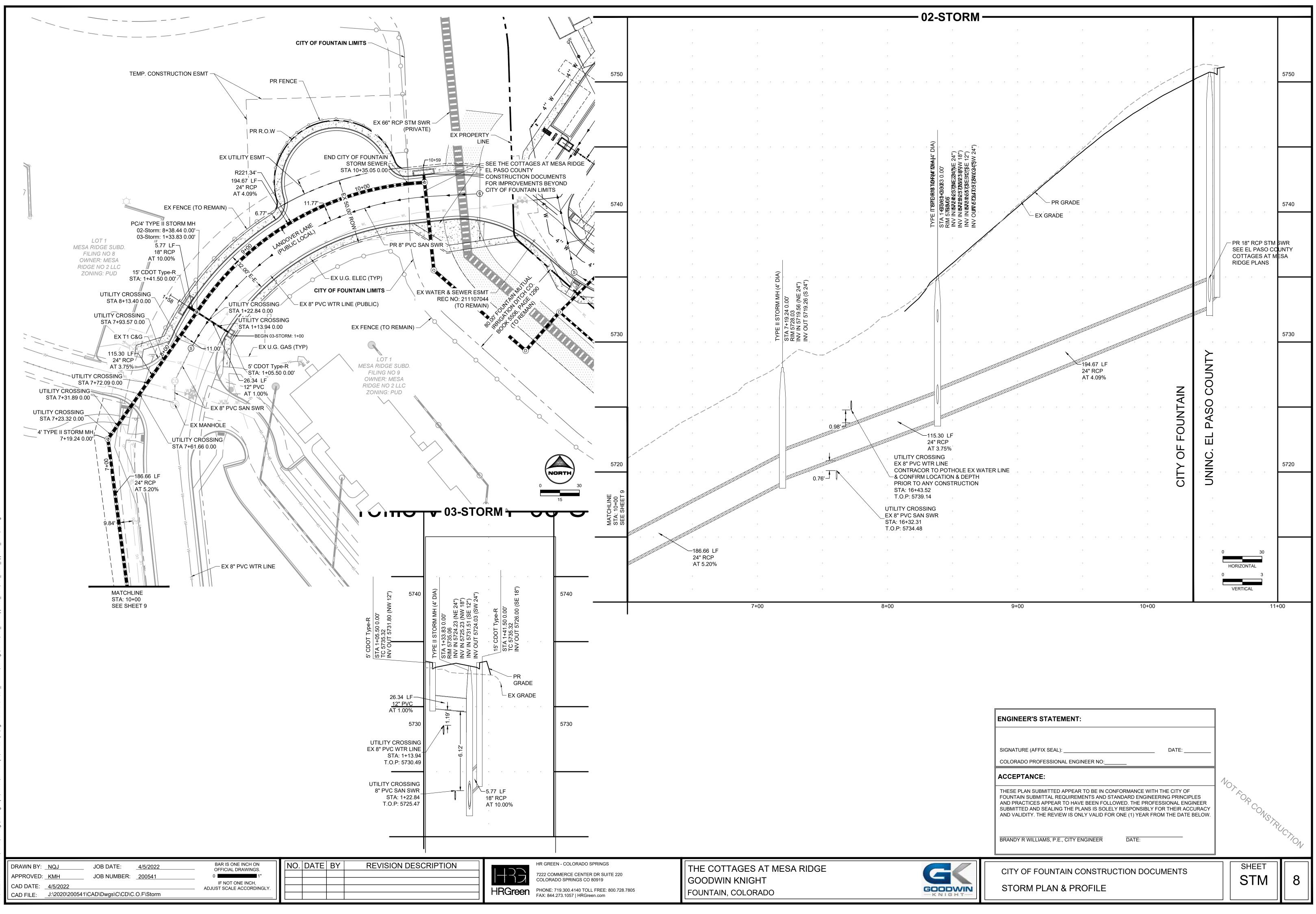




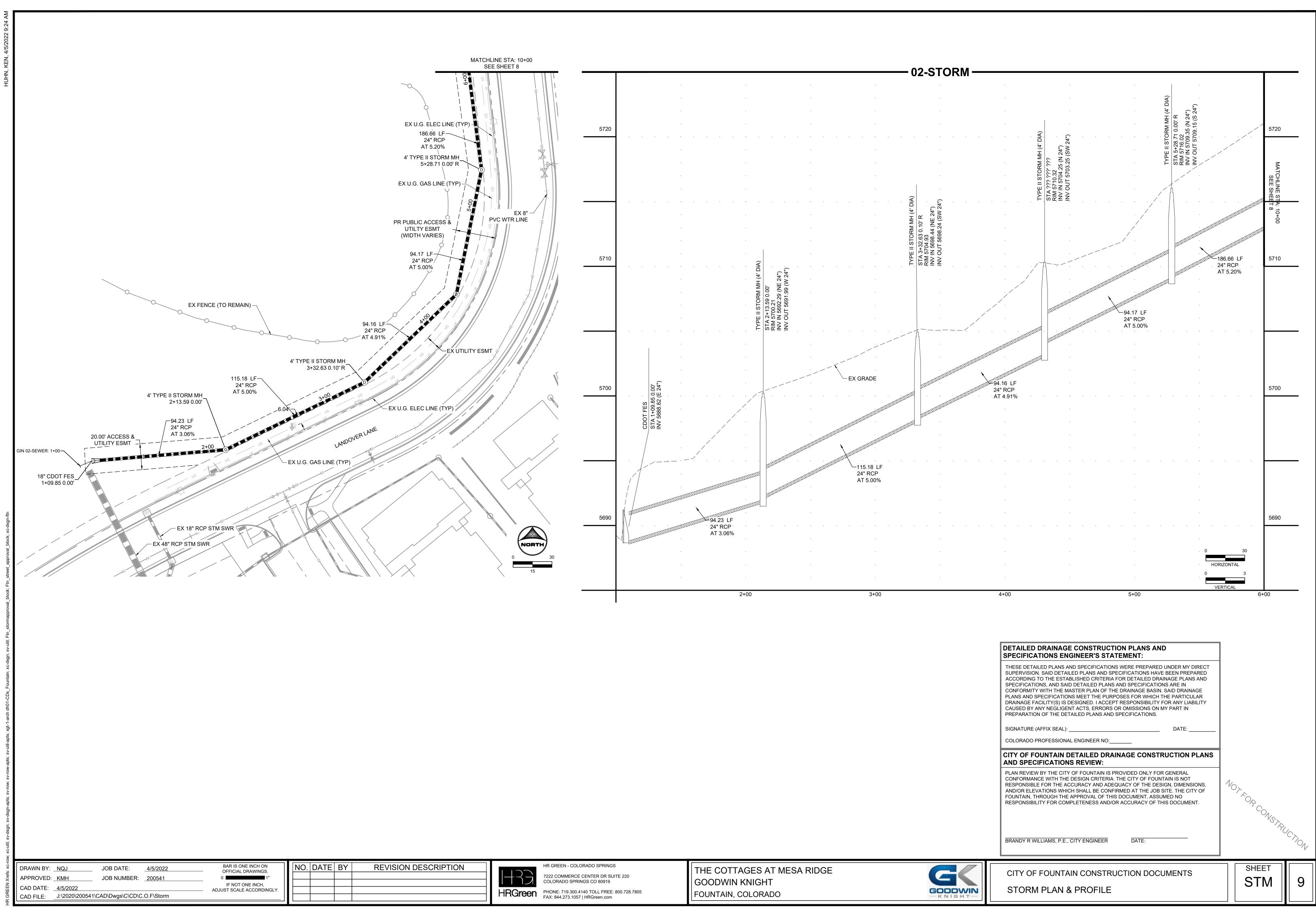
CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS SANITARY PLAN & PROFILE

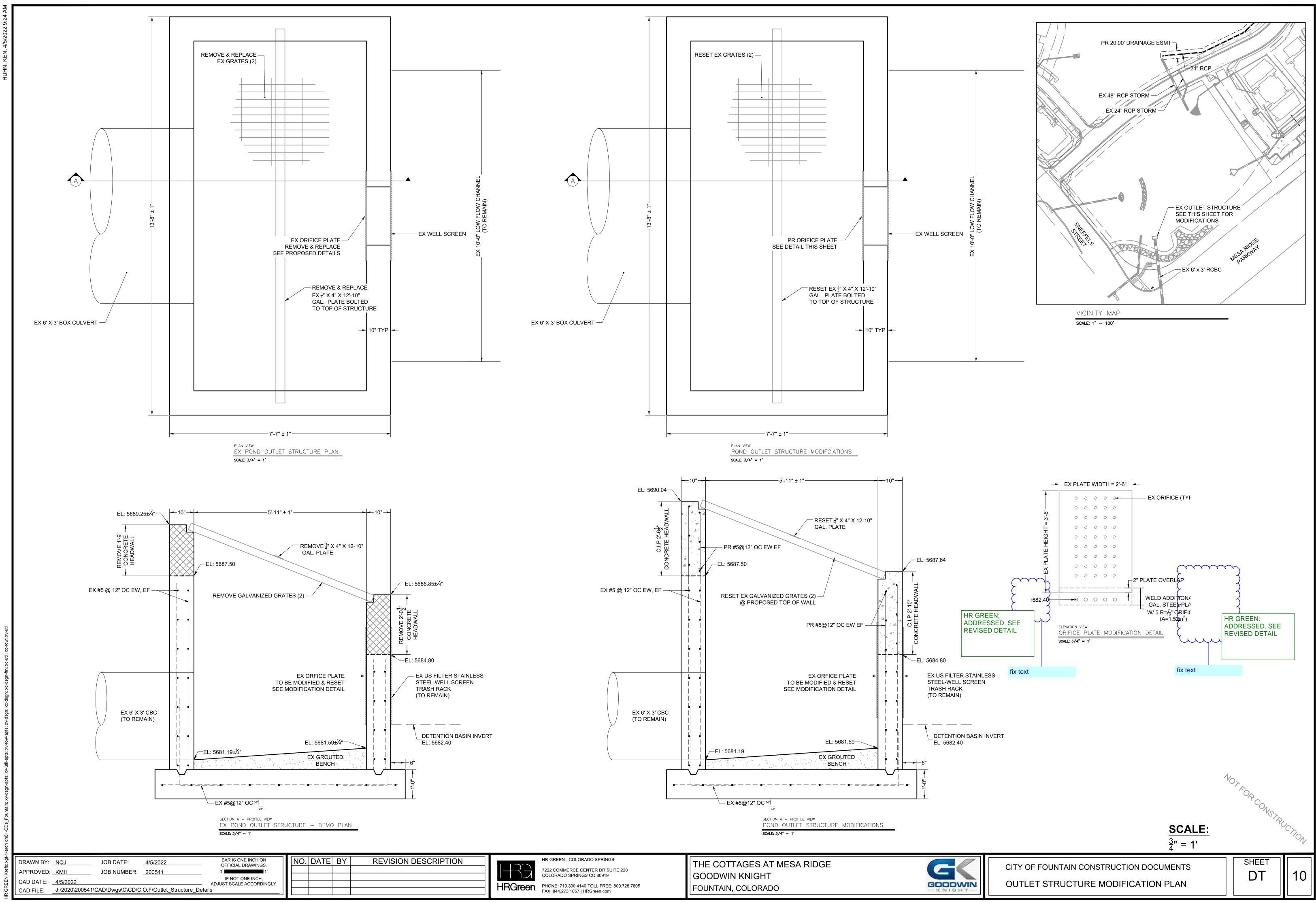




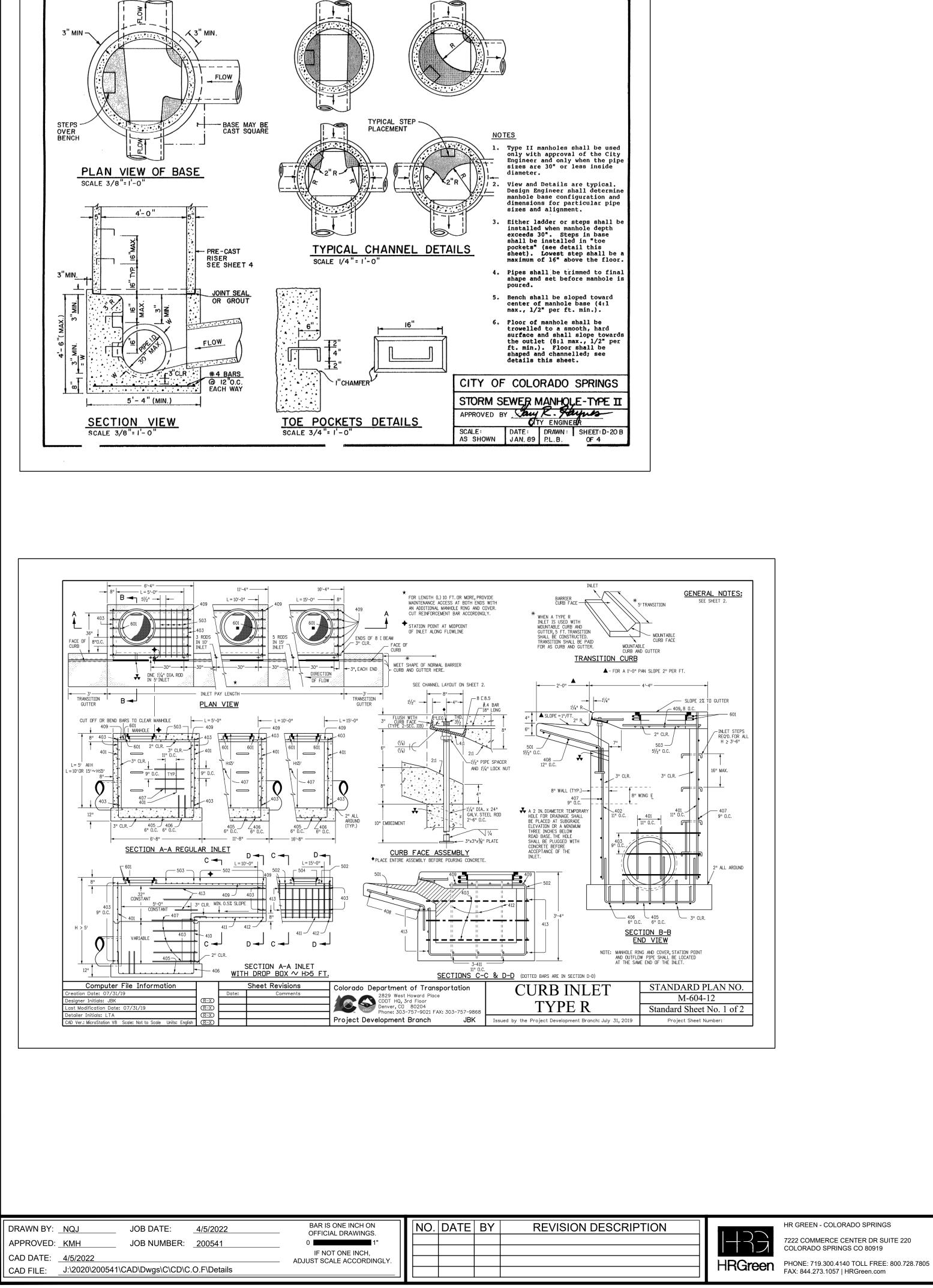


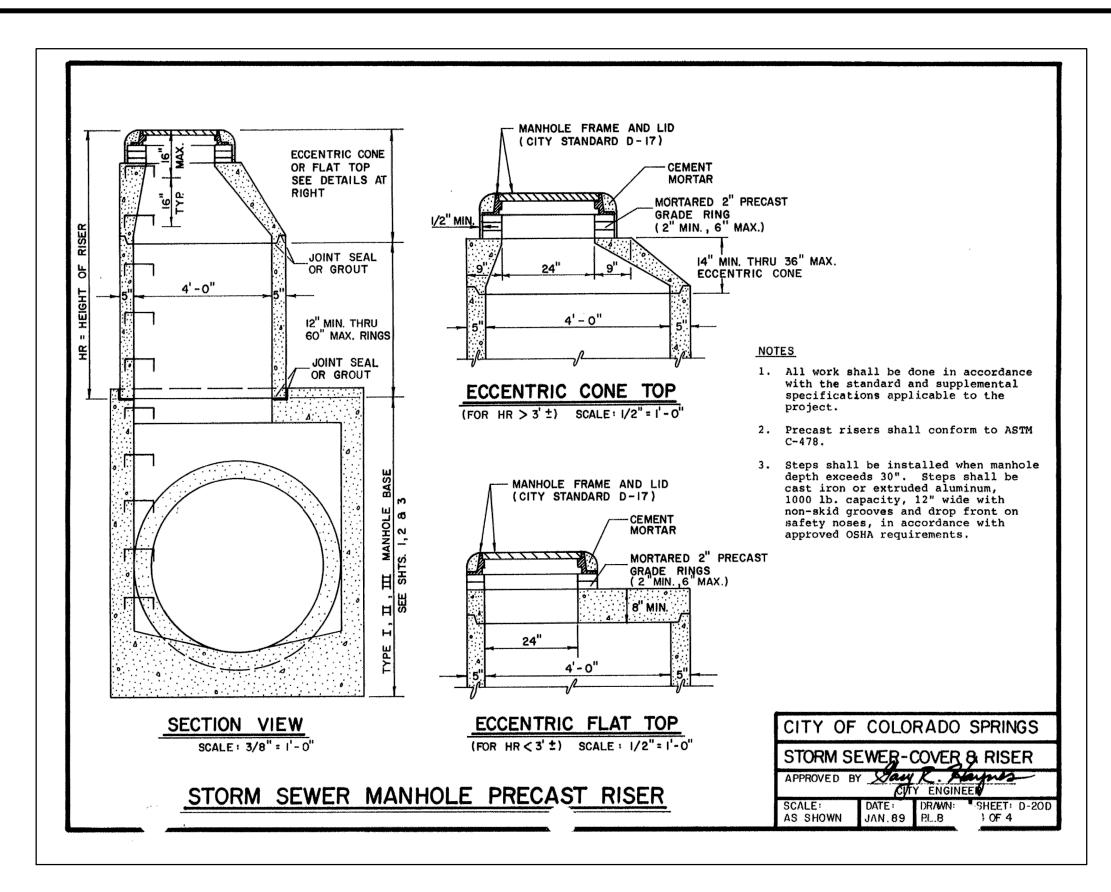
EN Xrefs: xc-row: xc-util: xv-dson: xv-dson-apts: xv-row-apts: xv-util-apts: xqt-1-arch dh01-CDs Fountain: xc-dson: xv-util: Ftn stormapproval block: Etn street approval block: xc-dson





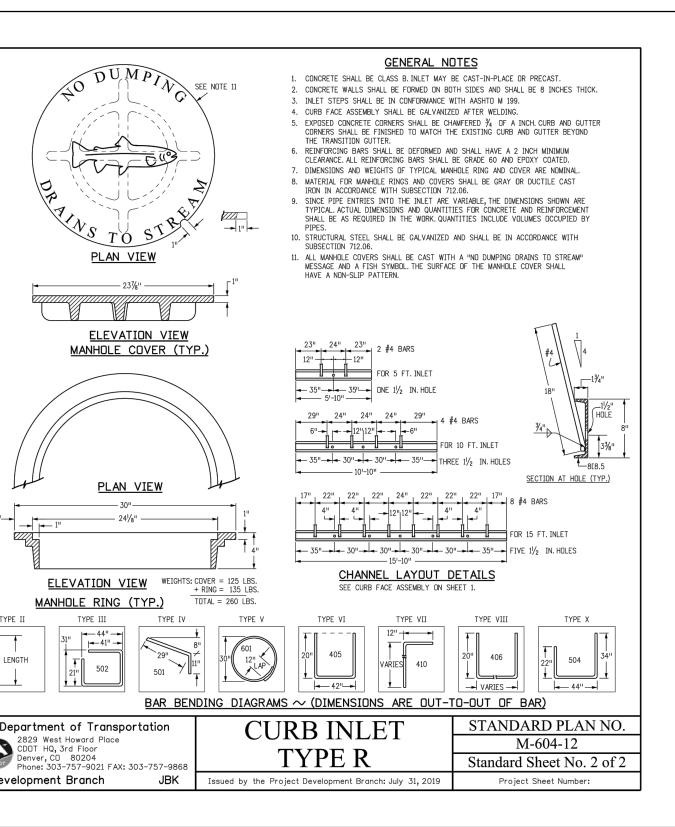






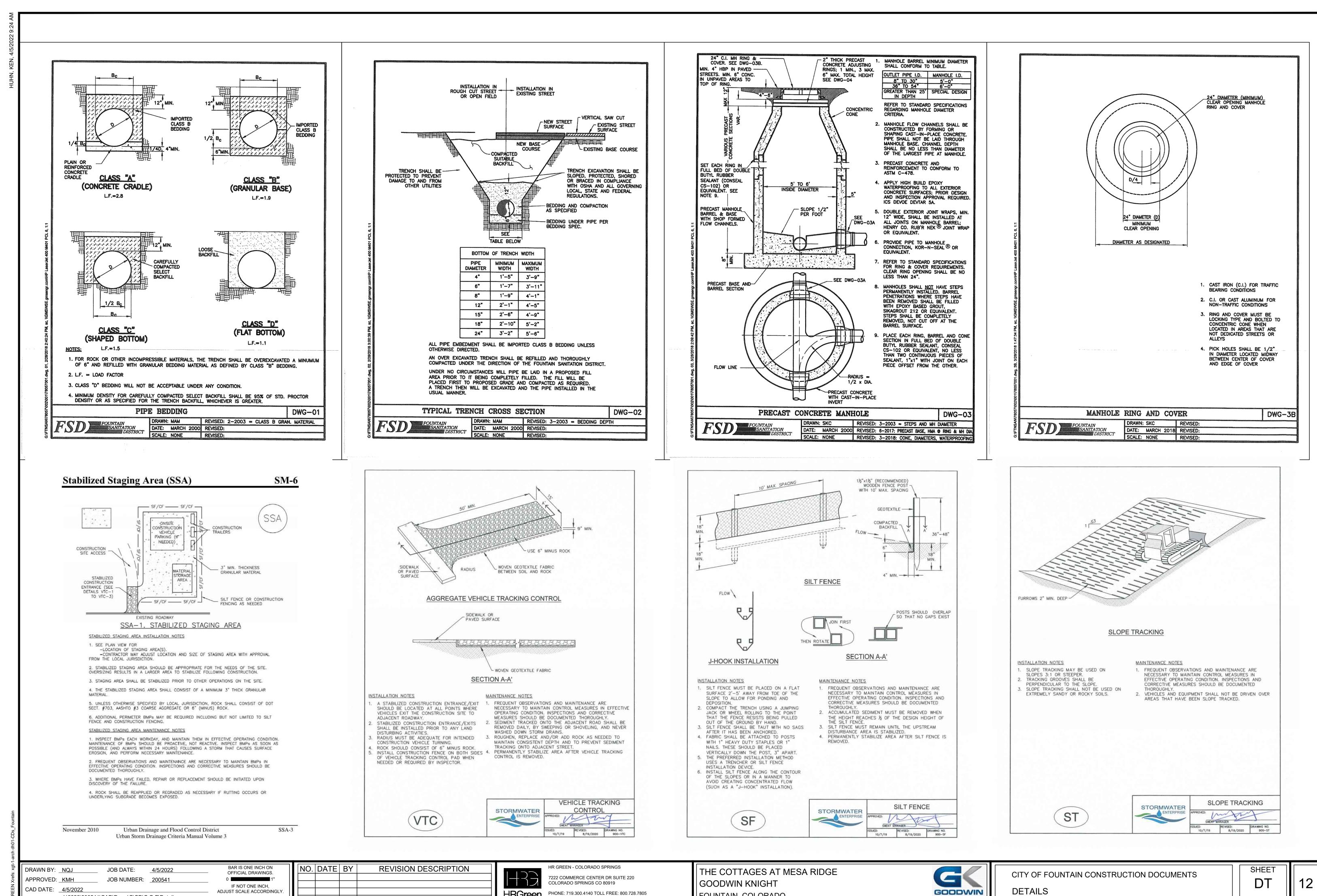
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402 403	4	11" 9"	II II	7	* 4'-0''	13 *	* 4'-0''	18 *	* 4'-0''	7	* 4'-0"	7 *	本 4'-0"
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406	4	6"	VIII	7	8'-10"	7	13'-10"	7	18'-10"	7	8'-10"	7	8'-10'
407	4	9"	II	*	5'-10"	*	10'-10"	*	15'-10"	*	5'-10"	*	5'-10'
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410	4	11"	VII	0	5-10	0	10-10	0	15-10	3	10-10	3	*
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412	4	11"	II							3	2'-9"	3	2'-9"
413	4	9"	II							7	10'-10"	7	15'-10
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		<u>T</u>			1	ND. REQ'D.		RB INL	ETS, 1		<u>R''</u> L = 15 F	т.	
۳Hn	401			NO. RE	Q'D. .AR	ND. REQ'D. DROP BOX	L COM	= 5 FT. IC. STEEL	L = 1 CONC.	0 FT.	L = 15 F CONC. ST	EEL	
		LENGTH 402		ND. RE REGUL 403	Q'D. .AR 407	ND. REQ'D.	CDN 7 CU. Y	= 5 FT. IC. STEEL IDS. LBS.	L = 1 CONC. CU. YDS.	0 FT. STEEL CL LBS. CL	L = 15 F CONC. ST J. YDS. LI	EEL BS.	
3'-0"	2'-8"	LENGTH 402 1'-8''		ND. RE REGUL 403 10	Q'D. .AR 407 7	ND. REQ'D. DROP BOX	L 7 CON 7 CU. 1 3.	= 5 FT. IC. STEEL /DS. LBS. 2 285	L = 1 CONC. CU. YDS. 5.3	0 FT. STEEL C LBS. CL 497	L = 15 F CONC. ST J. YDS. LI 7.4 7	EEL BS.	
		LENGTH 402		ND. RE REGUL 403	Q'D. .AR 407	ND. REQ'D. DROP BOX	CDN 7 CU. Y	= 5 FT. IC. STEEL LBS. 2 285 4 305	L = 1 CONC. CU. YDS.	0 FT. STEEL CL LBS. CL 497 528	L = 15 F CDNC. ST J. YDS. LI 7.4 7 7.9 7	EEL BS.	
3'-0" 3'-6" 4'-0" 4'-6"	2'-8" 3'-2" 3'-8" 4'-2"	LENGTH 402 1'-8'' 2'-2'' 2'-8'' 3'-2''		ND. RE REGUL 403 10 10 12 12 12	Q'D. .AR 407 7 7 9 9	ND. REQ'D. DROP BOX	CDN 7 CU. 1 3. 3. 3. 3. 3. 3.	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334	L = 10 CONC. CU. YDS. 5.3 5.7 6.0 6.4	0 FT. STEEL C LBS. CL 497 528 559 571	L = 15 F CDNC. ST J. YDS. LI 7.4 7 7.9 7 8.4 7 8.8 8	EEL BS. (06 47 (86 103	
3'-0" 3'-6" 4'-0" 4'-6" 5'-0"	2'-8" 3'-2" 3'-8" 4'-2" 4'-8"	LENGTH 402 1'-8'' 2'-2'' 2'-8'' 3'-2'' 3'-8''	410	ND. RE REGUL 403 10 10 12 12 12 14	Q'D. AR 407 7 9 9 11	ND. REQ'D. DROP BOX 403 407	CON 7 CU. 1 3. 3. 3. 3. 3. 4.	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354	L = 10 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7	0 FT. STEEL LBS. 497 528 559 571 602	L = 15 F CDNC. ST J. YDS. LI 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8	EEL BS. '06 '47 '86 003 '44	21
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-0"	2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2"	LENGTH 402 1'-8" 2'-2" 2'-8" 3'-2" 3'-8" 4'-2"	410	ND. RE REGUL 403 10 10 12 12 12 12 14 16	Q'D. .AR 407 7 9 9 9 11 13	ND. REQ'D. DROP BDX 403 407 15 6	CON 7 CU. N 3. 3. 3. 3. 3. 4. 4.	= 5 FT. IC. STEEL LBS. 2 285 4 305 7 326 9 334 1 354 4 375	L = 10 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0	0 FT. STEEL CL LBS. CL 497 528 559 571 602 607	L = 15 F EDNC. ST J. YDS. LI 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 7.4 8	EEL BS. 06 447 886 003 44	2 ¹
3'-0" 3'-6" 4'-0" 4'-6" 5'-0"	2'-8" 3'-2" 3'-8" 4'-2" 4'-8"	LENGTH 402 1'-8'' 2'-2'' 2'-8'' 3'-2'' 3'-8''	410	ND. RE REGUL 403 10 10 12 12 12 14	Q'D. AR 407 7 9 9 11	ND. REQ'D. DROP BOX 403 407	CON 7 CU. 1 3. 3. 3. 3. 3. 4.	= 5 FT. IC. STEEL DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382	L = 10 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7	0 FT. STEEL CL LBS. CL 497 528 559 571 602 607 616	L = 15 F CDNC. ST J. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 7.4 8 7.6 8	EEL BS. '06 '47 '86 103 '44	2 ¹
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-6" 7'-0"	2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2" 5'-8" 6'-2" 6'-8"	LENGTH 402 11'-8" 2'-2" 2'-8" 3'-2" 3'-2" 4'-2" 4'-2" 4'-8" 5'-2" 5'-8"	410 3'-5" 3'-11" 4'-5" 4'-11"	NO. RE REGUL 403 10 10 12 12 14 16 16 18 20	Q'D. AR 407 7 9 9 11 13 13 15 17	ND. REQ'D. DROP BOX 403 407 15 6 16 6 18 8 19 10	L CON 7 CU Y 3. 3. 3. 3. 4. 4. 4. 4. 4. 4. 4. 5.	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6	0 FT. CL STEEL CL LBS. CL 497 528 559 571 602 607 616 637 654	L = 15 F DNC. ST J. YDS. LI 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 7.4 8 7.8 8 8 7.8 8 7.8 7 7.8 7 7.8 8 7.8 7 7.8 7 7	EEL BS. 106 47 186 003 144 1550 160 180 197	21
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-6" 7'-0" 7'-0"	2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2" 5'-8" 6'-2" 6'-8" 6'-8" 7'-2"	LENGTH 402 1'-8" 2'-2" 2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-8" 5'-8" 6-2"	410 3'-5'' 3'-11'' 4'-5'' 4'-11'' 5'-5''	NO. RE REGUL 403 10 12 12 12 14 14 16 16 18 20 20	Q'D. AR 407 7 9 9 11 13 13 15 17 17 17	ND. REQ'D. DROP BDX 403 407 10 15 15 16 16 16 18 8 19 10 20 10 20 10	L CON 7 CU. Y 3. 3. 3. 3. 4. 4. 4. 4. 4. 5. 5.	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430	L = 1(CONC. CU. YDS. 5.7 6.0 6.4 6.7 6.0 6.4 6.7 6.0 6.4 6.6 6.4 6.6	0 FT. STEEL CL 497 CL 528 559 571 602 607 616 637 654 664	L = 15 F DNC. ST J. YDS. L1 7.4 7 7.9 7 8.4 7 7.8 8 9.3 8 7.4 8 7.4 8 7.6 8 7.8 8 8.0 8 8.3 9	EEL BS. 06 47 886 003 444 550 660 997 007	2 ¹
3'-0'' 3'-6'' 4'-0'' 4'-6'' 5'-0'' 5'-6'' 6'-0'' 6'-6'' 7'-0'' 7'-6'' 8'-0''	2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2" 5'-8" 6'-2" 6'-2" 6'-8" 7'-2" 7'-8"	LENGTH 402 1'-8" 2'-2" 2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-8" 5'-8" 5'-8" 6-2" 6'-8"	410 3'-5" 3'-11" 4'-5" 4'-11" 5'-5" 5'-11"	NO. RE REGUL 403 10 10 12 12 14 16 16 18 20 20 22	Q'D. AR 407 7 9 9 11 13 13 15 17 17 19	ND. REQ'D. DROP BOX 403 40: 	CDN 7 CU. 1 3. 3. 3. 3. 4. 4. 4. 4. 4. 5. 5. 5.	= 5 FT. C. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451	L = 1 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6 6.6 6.9 7.1	0 FT. STEEL CL 497 CL 528 559 571 602 602 607 616 637 654 664 664 664	L = 15 F DNC. ST J. YDS. L 7.4 7 7.9 7 8.4 7 7.8.8 8 9.3 8 7.4 8 7.6 8 7.8 8 8.0 8 8.0 8 8.3 9 8.5 9	EEL BS. 06 47 47 886 003 444 550 660 880 997 007 227	2 ¹
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-6" 7'-0" 7'-0"	2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2" 5'-8" 6'-2" 6'-8" 6'-8" 7'-2"	LENGTH 402 1'-8" 2'-2" 2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-8" 5'-8" 6-2"	410 3'-5'' 3'-11'' 4'-5'' 4'-11'' 5'-5''	NO. RE REGUL 403 10 12 12 12 14 14 16 16 18 20 20	Q'D. AR 407 7 9 9 11 13 13 15 17 17 17	ND. REQ'D. DROP BDX 403 407 10 15 15 16 16 16 18 8 19 10 20 10 20 10	L CON 7 CU. Y 3. 3. 3. 3. 4. 4. 4. 4. 4. 5. 5.	= 5 FT. IC. STEEL US. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471	L = 1(CONC. CU. YDS. 5.7 6.0 6.4 6.7 6.0 6.4 6.7 6.0 6.4 6.6 6.4 6.6	0 FT. STEEL CL LBS. CL 497 528 559 571 602 607 616 637 654 664 664 702	L = 15 F CDNC. ST J. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 7.4 8 7.6 8 7.4 8 7.8 8 8.0 8 8.3 9 8.5 9 8.5 9 8.7 9	EEL BS. 06 47 886 003 444 550 660 997 007	21
3'-0'' 3'-6'' 4'-0'' 4'-6'' 5'-0'' 5'-6'' 6'-6'' 6'-6'' 7'-0'' 7'-6'' 8'-0'' 8'-0'' 8'-6'' 9'-0'' 9'-6''	21-8" 31-2" 31-8" 41-2" 41-8" 51-2" 51-8" 61-8" 61-8" 71-2" 71-8" 81-2" 81-8" 81-2" 81-8" 91-2"	LENGTH 402 1'-8" 2'-8" 2'-8" 3'-8" 4'-2" 4'-8" 5'-8" 6-2" 6'-8" 7'-2" 8'-2"	410 3'-5'' 3'-11'' 4'-5'' 5'-11'' 6'-5'' 6'-11'' 6'-11'' 7'-5''	NO. RE REGU 403 10 10 12 12 14 16 16 16 18 20 20 20 22 24 24 24 26	Q'D. AR 407 7 9 9 11 13 15 15 17 17 17 19 21 23	NO. REQ'D. DROP BOX 403 40; 15 6 16 6 18 8 19 100 20 100 22 12 23 14 24 14 26 16	L CON CU. V 3. 3. 3. 3. 4. 4. 4. 4. 5. 5. 5. 5. 5. 6. 6.	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499	L = 10 CUNC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.4 6.6 6.9 7.1 7.3 7.6 7.8	0 FT. STEEL CL 497 CL 528 CL 497 CL 559 CL 559 CL 571 CL 602 CL 607 CL 607 CL 604 CL 664 CL 664 CL 664 CL 664 CL 702 CL 711 CL 732 CL 733 CL 733 CL 733 CL 734 CL 735 CL 735 CL 735 CL 735 CL 735 CL 735 C	L = 15 F DNC. ST I. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 9.3 8 9.3 8 7.4 8 7.8 8 8.0 8 8.3 9 8.5 9 8.7 9 9.0 9 9.2 9	EEL BS. 006 447 786 003 444 450 060 880 997 007 227 444 554 74	21
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-0" 7'-0" 8'-0" 8'-0" 8'-0" 9'-0" 9'-0" 9'-0" 9'-0"	21-8" 31-2" 31-8" 41-2" 41-8" 51-2" 51-8" 61-8" 61-8" 71-2" 71-8" 81-2" 81-2" 81-8" 81-2" 81-8" 91-2" 91-8"	LENGTH 402 1'-8" 2'-2" 2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-8" 5'-8" 5'-8" 6'-2" 6'-8" 7'-2" 7'-8" 8'-2" 8'-	410 3'-5" 3'-11" 4'-5" 5'-5" 5'-11" 6'-5" 6'-1" 7'-5" 7'-11"	NO. RE REGUL 403 10 10 12 12 14 14 16 16 18 16 18 20 20 20 22 24 24 24 24 24 26 28	Q'D. AR 407 7 9 9 11 13 13 13 15 17 17 19 21 21 23 25	ND. REQ'D. DROP BOX 403 407 10 15 6 16 6 18 8 19 10 20 10 22 12 23 14 24 14 26 16 27 18	L CDV CU. V 3. 3. 3. 3. 4. 4. 4. 4. 4. 5. 5. 5. 5. 5. 6. 6. 6.	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499 4 520	L = 10 CUNC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6 6.6 6.9 7.1 7.3 7.6 7.8 8.0	0 FT. STEEL CL 497 CL 528 559 571 602 602 607 616 637 664 684 702 711 664 732 732 732 739 600 730 732 749 730 730 730 730 740 730 730 730 740 730 740 730 730 740 730 740 740 740 740 740 740 740 740 740 74	L = 15 F DNC. ST 1. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 7.4 8 7.4 8 7.6 8 7.4 8 7.8 8 8.0 8 8.3 9 8.5 9 8.5 9 8.7 9 9.0 9 9.2 9 9.4 9	EEL BS. 006 447 486 003 444 450 0660 880 07 727 444 554 774 992	21
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-0" 7'-0" 7'-0" 8'-0" 8'-0" 8'-0" 9'-0" 9'-0" 9'-0" 10'-0" 10'-6"	21-8" 31-2" 31-8" 41-2" 41-8" 51-2" 51-8" 61-8" 61-8" 71-2" 71-8" 81-2" 81-8" 81-2" 81-8" 91-2"	LENGTH 402 11-8" 2'-2" 3'-2" 3'-2" 3'-2" 3'-2" 3'-8" 4'-2" 4'-2" 5'-2" 5'-8" 6'-2" 7'-2" 7'-8" 8'-2" 8'-2" 9'-2"	410 3'-5'' 3'-11'' 4'-5'' 4'-11'' 5'-11'' 6'-5'' 6'-11'' 7'-5'' 7'-11'' 8'-5''	NO. RE REGU 403 10 10 12 12 14 16 16 16 18 20 20 20 22 24 24 24 26	Q'D. AR 407 7 9 9 11 13 15 15 17 17 17 19 21 23	NO. REQ'D. DROP BOX 403 40; 15 6 16 6 18 8 19 100 20 100 22 12 23 14 24 14 26 16	L CON 7 CU. Y 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 5, 5, 5, 5, 6, 6, 6, 6, 6, 6,	= 5 FT. IC. STEEL US. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499 4 520 7 527	L = 10 CUNC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.4 6.6 6.9 7.1 7.3 7.6 7.8	0 FT. STEEL C. LBS. C. 497 528 559 571 602 607 616 637 654 664 664 702 711 732 749 759	L = 15 F CDNC. ST J. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 7.4 8 7.6 8 8.0 8 8.3 9 8.7 9 8.5 9 8.5 9 8.7 9 9.0 9 9.2 9 9.4 9 9.4 9 9.7 10	EEL BS. 006 447 786 003 444 450 060 880 997 007 227 444 554 74	21
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-6" 7'-0" 8'-6" 8'-0" 8'-0" 8'-0" 8'-0" 9'-0" 9'-0" 9'-6" 10'-0" 10'-6" 10'-6" 11'-0" NDTES: I	2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-2" 6'-2" 6'-8" 6'-8" 7'-2" 7'-8" 8'-8" 8'-8" 9'-2" 9'-8" 10'-2" 10'-8" 0'CR L = 5 REGULAR DROP BO)	LENGTH 402 11-8" 2'-2" 3'-2" 3'-2" 3'-2" 3'-2" 3'-2" 5'-2" 5'-2" 5'-2" 5'-2" 5'-2" 7'-2" 7'-2" 7'-2" 7'-2" 8'-2" 9'-2" 9'-2" 9'-2" 7'-	410 3'-5" 3'-11" 4'-5" 4'-11" 5'-11" 6'-5" 6'-11" 7'-5" 8'-5" 8'-11" 0 FT., ANC 0 TT.A, QU	NO. RE REGUL 403 10 10 112 12 14 16 18 20 20 20 20 22 24 26 28 28 30 0 15 FT. NTITIES NEIS FT. ANTITIES NEIS	Q'D.	NO. REQ'D. DROP BOX 403 400 10 15 6 16 66 18 8 19 10 20 10 22 12 23 14 24 14 26 16 27 18 28 18 30 20	L CON 7 CU. Y 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 4. 4. 4. 4. 4. 5. 5. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499 4 520 7 527 9 547 BLACK LINE.	L = 10 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.4 6.7 6.2 6.4 6.6 6.9 7.1 7.3 7.6 7.8 8.0 8.3 8.5	0 FT. STEEL C. LBS. C. 497 528 559 571 602 607 616 637 654 664 664 702 711 732 749 759	L = 15 F CDNC. ST J. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 7.4 8 7.6 8 8.0 8 8.3 9 8.7 9 8.5 9 8.5 9 8.7 9 9.0 9 9.2 9 9.4 9 9.4 9 9.7 10	EEL BS. 006 447 886 003 444 550 060 880 997 007 227 444 554 774 992 2001	21
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-6" 7'-0" 8'-6" 8'-0" 8'-0" 8'-0" 8'-0" 9'-0" 9'-0" 9'-6" 10'-0" 10'-6" 10'-6" 11'-0" NDTES: I	2'-8" 3'-2" 3'-8" 4'-2" 4'-2" 5'-2" 5'-8" 6'-2" 6'-8" 7'-8" 7'-8" 8'-2" 8'-8" 9'-8" 9'-8" 10'-2" 10'-8" 0'' - 25 REGULAR BCP BD) STEEL WE	LENGTH 402 1'-8" 2'-2" 3'-2" 3'-2" 3'-8" 4'-2" 4'-8" 5'-8" 6-2" 6'-8" 7'-2" 8'-2	410 3'-5" 3'-11" 4'-5" 5'-11" 6'-5" 5'-11" 6'-5" 7'-11" 8'-5" 8'-1" 0 FT., ANE 0 FT., ANE 0 TAL QU TOTAL QU	NO. RE REGU 403 10 12 14 16 18 20 22 24 26 28 28 28 29 24 26 28 20 21 22 24 26 28 28 29 20 21 22 24 26 28 29 20 21 22 24 26 28 29 20 21 22 23 30 21 22 23 24 25 24 2	Q'D. . AR . 407 . 7 . 9 . 13 . 15 . 17 . 19 . 21 . 23 . 25 . 27 . EDED ARE . ECTURAL ST .	ND. REQ'D. DROP BDX 403 407 15 6 16 6 18 8 19 10 20 10 20 10 22 12 23 14 24 14 26 16 27 18 28 18 30 20 DUTSIDE THE INSIDE THE EEL CHANNEL	L CON 7 CU. 1 3. 3. 3. 3. 4. 4. 4. 4. 5. 5. 5. 5. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 7 CU. 1	= 5 FT. IC. STEEL (DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499 4 520 7 527 9 547 BLACK LINE.	L = 10 CUNC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.4 6.6 6.9 7.1 7.3 7.6 7.8 8.0 8.3 8.5	0 FT. STEEL CL 497 CL 528 CL 559 5571 602 607 616 637 664 684 664 684 664 702 711 732 749 759 779 1	L = 15 F DNC. ST I. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 9.3 8 7.4 8 7.4 8 7.8 8 8.0 8 8.0 8 8.3 9 8.7 9 9.2 9 9.2 9 9.4 9 9.7 10 9.9 10 10 10 10 10 10 10 10 10 10	EEL BS. 006 447 886 003 444 550 060 880 997 007 227 444 554 774 992 2001	21
3'-0" 3'-6" 4'-0" 4'-6" 5'-0" 6'-6" 6'-6" 6'-6" 6'-6" 8'-0" 8'-0" 8'-0" 8'-0" 9'-0" 10'-6" 10'-0" NOTES: F	2'-8" 3'-2" 3'-8" 4'-2" 4'-8" 5'-8" 6'-2" 6'-8" 6'-2" 6'-8" 7'-2" 8'-8" 8'-2" 8'-8" 8'-2" 8'-8" 9'-2" 9'-8" 10'-2" 10'-8" 10'-9" 10'-9"	LENGTH 402 11-8" 2'-2" 3'-2" 3'-2" 3'-2" 3'-3" 4'-2" 4'-8" 5'-2" 5'-8" 6'-8" 6'-8" 6'-8" 6'-8" 8'-	410 3'-5'' 3'-11'' 4'-5'' 4'-11'' 5'-11'' 6'-5'' 6'-11'' 7'-5'' 7'-5'' 7'-5'' 8'-11'' 0 FT. ANC 0 TAL QU 0 NOT INC TUTAL QU 0 NOT INC TWD -	NO. RE REGU 403 10 12 14 16 18 20 22 24 26 28 28 28 29 24 26 28 20 21 22 24 26 28 28 29 20 21 22 24 26 28 29 20 21 22 24 26 28 29 20 21 22 23 30 21 22 23 24 25 24 2	Q'D.	ND. REQ'D. DROP BDX 403 407 15 6 16 6 18 8 19 10 20 10 20 10 22 12 23 14 24 14 26 16 27 18 28 18 30 20 DUTSIDE THE INSIDE THE EEL CHANNEL	L CON 7 CU. 1 3. 3. 3. 4. 4. 4. 4. 5. 5. 5. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 7 7 7 7 7 7	= 5 FT. IC. STEEL DS. LBS. 2 285 4 305 7 326 9 334 1 354 4 375 6 382 8 402 0 423 3 430 5 451 7 471 0 479 2 499 2 499 2 499 5 451 7 527 9 547 BLACK LINE. BLACK LINE. BLACK LINE. S VARIA	L = 10 CONC. CU. YDS. 5.3 5.7 6.0 6.4 6.7 6.0 6.2 6.4 6.6 6.9 7.1 7.3 7.6 7.8 8.0 8.3 8.5 8.5 8LE N Eet Re	0 FT. STEEL C. LBS. C. 497 528 559 571 559 571 602 607 616 637 654 664 684 684 684 702 711 732 749 759 779 759 779 759 779 759 779 759 779 759 779 759 779 759 779 759 75	L = 15 F DNC. ST I. YDS. L1 7.4 7 7.9 7 8.4 7 8.8 8 9.3 8 9.3 8 7.4 8 7.4 8 7.8 8 8.0 8 8.0 8 8.3 9 8.7 9 9.2 9 9.2 9 9.4 9 9.7 10 9.9 10 10 10 10 10 10 10 10 10 10	EEL BS. 006 447 486 003 444 450 007 127 44 454 774 192 2001 222	
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THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT FOUNTAIN, COLORADO





CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS DETAILS

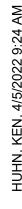


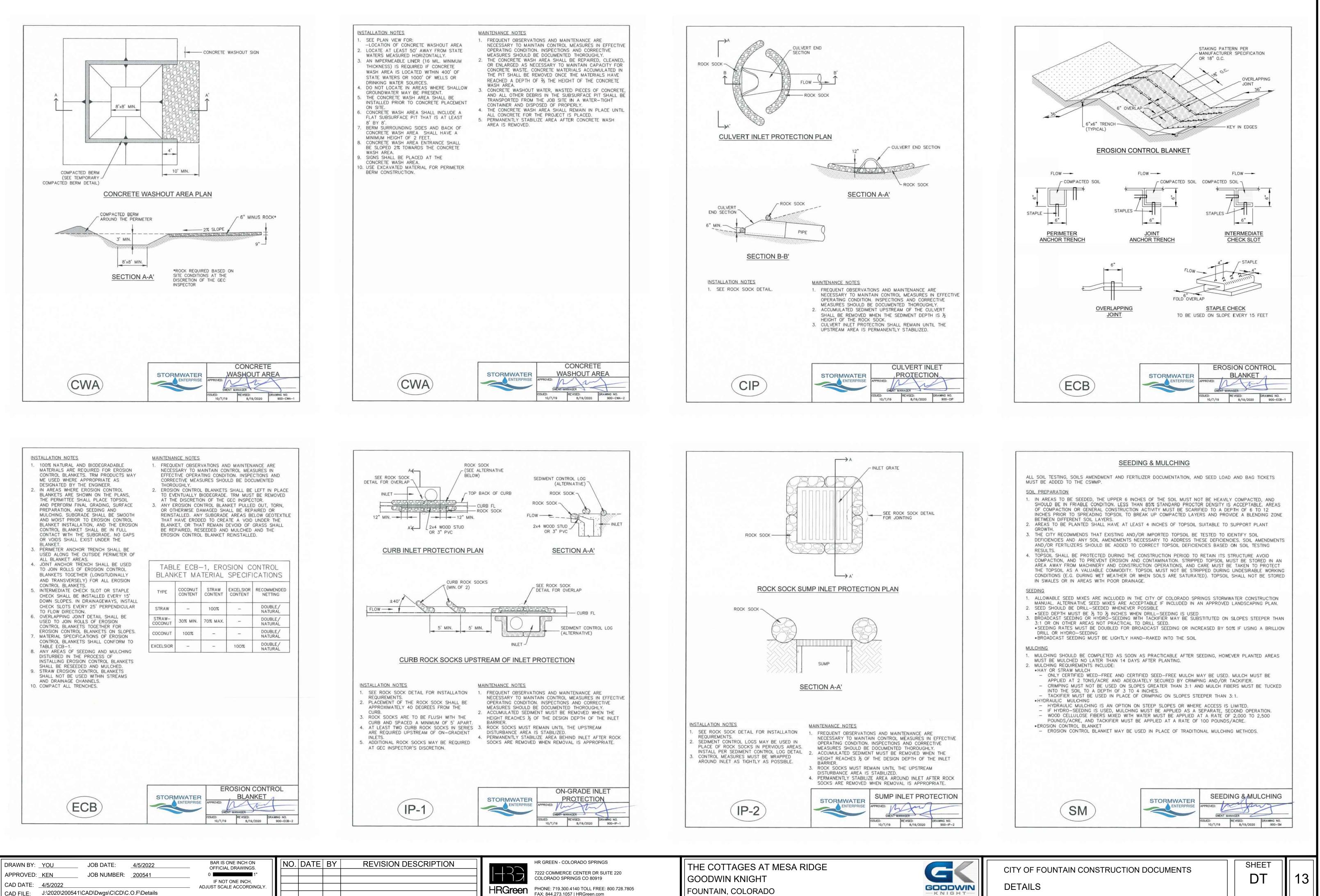
HRGreen PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 | HRGreen.com

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FOUNTAIN, COLORADO

KNIGHT

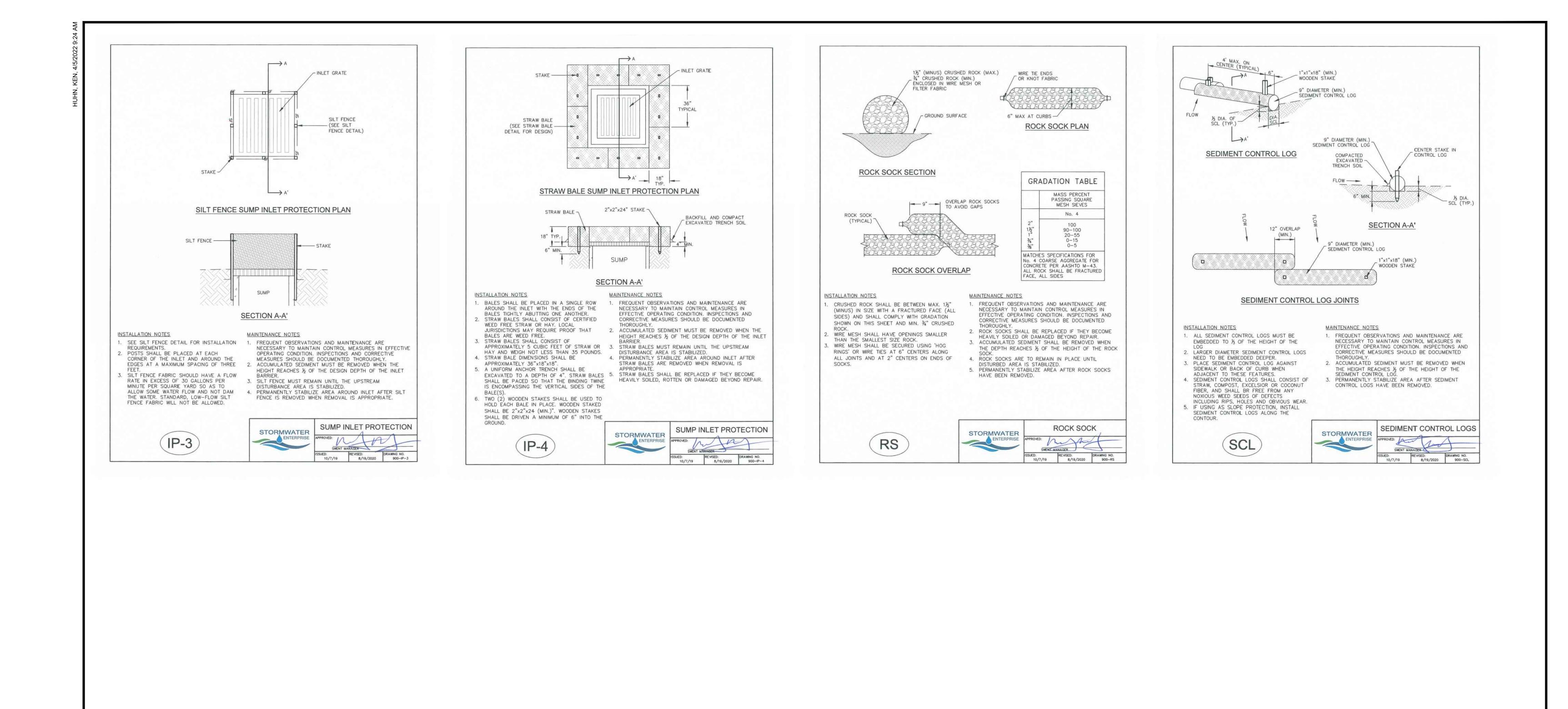




TION	HR GREEN - COLORADO SPRINGS 7222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919 PHONE: 719.300.4140 TOLL FREE: 800.728.7805	THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT FOUNTAIN, COLORADO
	 FAX: 844.273.1057 HRGreen.com	

DETAILS
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CITY OF FOUNTAIN CONSTRUCTION DOCUMENTS DETAILS

BASIS OF BEARINGS:

BEARINGS ARE BASED UPON THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 29, MONUMENTED AT THE WEST END WITH A 3.25" ALUMINUM CAP IN CONCRETE STAMPED "PLS 4842" AND MONUMENTED AT THE EAST END WITH A #6 REBAR AND 3.25" ALUMINUM CAP STAMPED "PLS 38141" AND ASSUMED TO BEAR S 89°57'13" E A FIELD MEASURED DISTANCE OF 2,652.37 FEET.

BENCHMARK:

ELEVATIONS ARE BASED UPON THE FOUNTAIN SANITATION DISTRICT POINT N-1, BEING A 2" BRASS CAP IN CONCRETE AT THE NORTHEAST CORNER OF MESA RIDGE PARKWAY AND FOUNTAIN MESA ROAD. (ELEVATION=5750.57 NGVD 29).

LEGAL DESCRIPTION:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 28 AND THE NORTHEAST QUARTER OF SECTION 29. TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO, DESCRIBED AS FOLLOWS:

BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 29. MONUMENTED AT THE WEST END WITH A 3.25" ALUMINUM CAP IN CONCRETE STAMPED "PLS 4842" AND MONUMENTED AT THE EAST END WITH A #6 REBAR AND 3.25" ALUMINUM CAP STAMPED "PLS 38141" AND ASSUMED TO BEAR S 89°57'13" E A FIELD MEASURED DISTANCE OF 2,652.37 FEET.

BENCHMARK: ELEVATIONS ARE BASED UPON THE FOUNTAIN SANITATION DISTRICT POINT N-1, BEING A 2" BRASS CAP IN CONCRETE AT THE NORTHEAST CORNER OF MESA RIDGE PARKWAY AND FOUNTAIN MESA ROAD. (ELEVATION=5750.57 NGVD 29).

BEGINNING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 28; THENCE N 89°41'59" E ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, A DISTANCE OF 117.30 FEET TO A POINT ON THE WEST LINE OF POWERS BOULEVARD AS RECORDED UNDER BOOK 6788 AT PAGE 531 OF THE RECORDS OF THE EL PASO COUNTY CLERK AND RECORDERS OFFICE; THENCE ALONG THE WEST LINE OF SAID POWERS BOULEVARD, 933.14 FEET ALONG THE ARC OF A 1,096.98 FOOT RADIUS CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 48°44'17" AND A CHORD THAT BEARS S 12°56'23" W, 905.26 FEET TO A POINT ON THE NORTHERLY LINE OF THAT PARCEL OF LAND DESCRIBED UNDER BOOK 5506 AT PAGE 1290 OF SAID RECORDS; THENCE OF THE FOLLOWING EIGHT (8) COURSES ALONG SAID NORTHERLY LINES AND EASTERLY LINES OF SAID PARCEL OF LAND DESCRIBED UNDER BOOK 5506 AT PAGE 1290: 1) N 84°16'00" W, A DISTANCE OF 198.99 FEET;

2) 46.11 FEET ALONG THE ARC OF A 540.00 FOOT RADIUS TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 04°53'33" AND A CHORD THAT BEARS N 86°42'46" W. 46.10 FEET: 3) N 89°09'33" W, A DISTANCE OF 124.09 FEET;

4) 100.02 FEET ALONG THE ARC OF A 140.00 FOOT RADIUS TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 40°56'07" AND A CHORD THAT BEARS N 68°41'30" W, 97.91 FEET; 5) N 48°13'27" W, A DISTANCE OF 126.77 FEET;

6) 6.49 FEET ALONG THE ARC OF AN 8.00 FOOT RADIUS TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 46°29'23" AND A CHORD THAT BEARS N 24°58'45" W. 6.31 FEET: 7) N 01°44'04" W, A DISTANCE OF 137.18 FEET;

8) 87.71 FEET ALONG THE ARC OF A 135.00 FOOT RADIUS TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 37°13'35" AND A CHORD THAT BEARS N 20°21'02" W. 86.18 FEET TO THE SOUTHWEST CORNER OF LOT 15, BLOCK 3, SUNRISE RIDGE SUBDIVISION FILING NO. 8 AS RECORDED UNDER RECEPTION NO. 1722613 OF SAID RECORDS;

THENCE THE FOLLOWING TWO (2) COURSES ALONG THE EASTERLY LINE OF SAID SUNRISE RIDGE SUBDIVISION FILING NO. 8: 1) 511.39 FEET ALONG THE ARC OF A 1,034.60 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 28°19'14" AND A CHORD THAT BEARS N 58°13'41" E 506.20 FEET TO A POINT OF COMPOUND CURVATURE;

2) 283.12 FEET ALONG THE ARC OF A 500.00 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 32°26'36" AND A CHORD THAT BEARS N 27°50'47" E, 279.35 FEET TO A POINT ON THE NORTH LINE OF SAID NORTHEAST QUARTER: THENCE N 89°57'13" E ALONG THE NORTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF

115.21 FEET TO THE POINT OF BEGINNING.

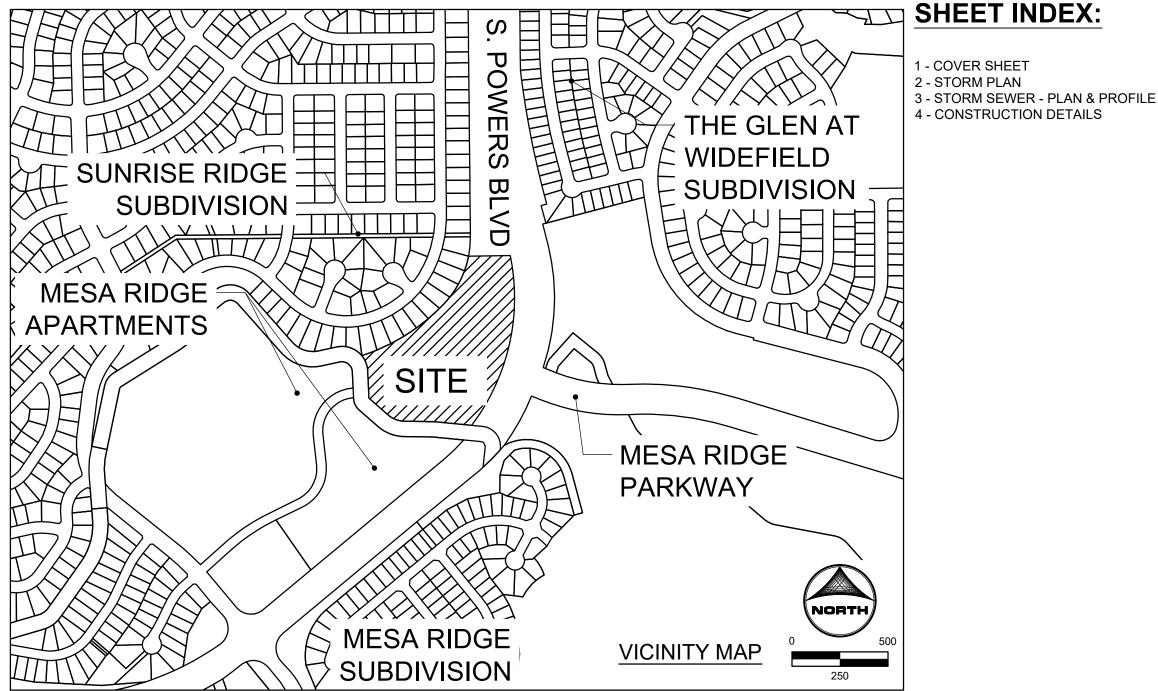
CONTAINING A CALCULATED AREA OF 445,104 SQUARE FEET (10.218 ACRES) OF LAND, MORE OR LESS.

TO BE PLATTED AS "THE COTTAGES AT MESA RIDGE"

<u> </u>										
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THE COTTAGES AT MESA RIDGE FOUNTAIN MUTUAL IRRIGATION COMPANY **IRRIGATION PIPE CONSTRUCTION DRAWINGS**

A PORTION OF THE NORTHEAST QUARTER OF SECTION 29, THE SOUTHEAST QUARTER OF SECTION 20, THE SOUTHWEST QUARTER OF SECTION 21, & THE NORTHWEST QUARTER OF SECTION 28 TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. COUNTY OF EL PASO, STATE OF COLORADO



STORM SEWER

FIBER OPTIC PEDESTAL

FIBER OPTIC SIGN FIBER OPTIC VAULT

TELEPHONE CABINET

TELEPHONE SIGN TELEPHONE PEDESTAL

TRANSFORMER LIGHT POLE

FIBER OPTIC VAULT

TELEPHONE MANHOLE TELEPHONE SIGNAL/MAST

GAS METER

GAS SIGN

GAS VAULT

LEGEND

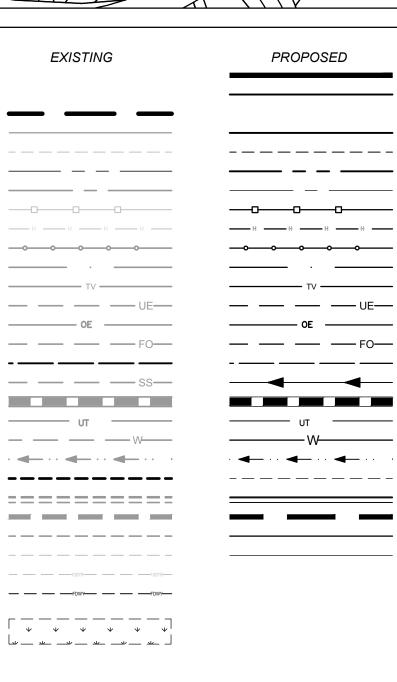
MATCH LINE
PHASE LINE
SECTION LINE
PROPERTY LINE
EASEMENT LINE
RIGHT OF WAY
CENTERLINE
CHAIN LINK FENCE
WOODEN FENCE
ROD IRON FENCE
GUARDRAIL
CABLE TV
U.G. ELECTRIC
OVERHEAD ELECTRIC
FIBER OPTIC
GAS MAIN
SANITARY SEWER
STORM DRAIN
TELEPHONE
WATER MAIN
SWALE
TRAIL
CURB & GUTTER
DRAINAGE BASIN
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INTER. CONTOUR
100-YR FLOODPLAIN
FLOODWAY
EDGE OF WETLANDS
DRAINAGE

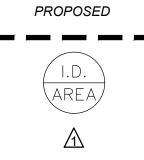
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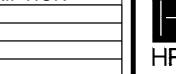
EXISTING PROPOSED MANHOLE STORM INLET FLARED END SECTION RIPRAP SANITARY SEWER CLEAN OUT S MANHOLE \odot PLUG WATER FIRE HYDRANT Y FDC Sec. FIRE DEPT. CONNECTION GATE VALVE (W) MANHOLE METER TEE REDUCER *MISCELLANEOUS* DRY UTILITIES ELECTRIC METER SIGN ΞM ELECTRIC PEDESTAL BOLLLARD ACCESSIBLE PARKING ELECTRICAL CABINET ELECTRIC VAULT =V/L FIBER OPTIC PULL BOX F FIBER OPTIC MANHOLE

FVL

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SCRIPTION



HR GREEN - COLORADO SPRINGS 7222 COMMERCE CENTER DR SUITE 220 COLORADO SPRINGS CO 80919 HRGreen PHONE: 719.300.4140 TOLL FREE: 800.728.7805 FAX: 844.273.1057 | HRGreen.com

THE COTTAGES AT MESA RIDGE GOODWIN KNIGHT EL PASO COUNTY, COLORADO

STAKEHOLDERS: OWNER:

DEVELOPER:

ATTN:

APPLICANT

ATTN:

SURVEYOR:

COLORADO SPRINGS, CO 80903 GOODWIN KNIGHT

8605 EXPLORER DRIVE, SUITE 250 COLORADO SPRINGS, CO 80920 DAVE MORRISON

111 S. TEJON STREET, SUITE 222

CSJ NO 1 LLC

HR GREEN DEVELOPMENT, LLC 1975 RESEARCH PKWY, SUITE 230 COLORADO SPRINGS, CO 80920 PHIL STUEPFERT, KEN HUHN

BARRON LAND, LLC 2790 N ACADEMY BLVD #311 COLORADO SPRINGS, CO 80917 ATTN: SPENCER BARRON

OWNER STATEMENT:

THE UNDERSIGNED OWNER/DEVELOPER AGREES TO INSTALL THE PROPOSED FACILITIES AS DEPICTED ON THESE PLANS ANY CHANGES REQUIRED DUE TO FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF FMIC FOR THEIR REVIEW AND COMMENT.

OWNER/DEVELOPER

TITLE:

ADDRESS:

DATE:

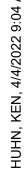
ENGINEER'S STATEMENT THIS STORM SEWER PLAN WAS PREPARED UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERROR OR OMISSIONS ON MY PART IN PREPARATION OF THIS STORM SEWER PLAN. KEN M. HUHN, P.E. DATE KHUHN@HRGREEN.COM COLORADO P.E. 0054022 NOT FOR CONSTRUCTION SHEET

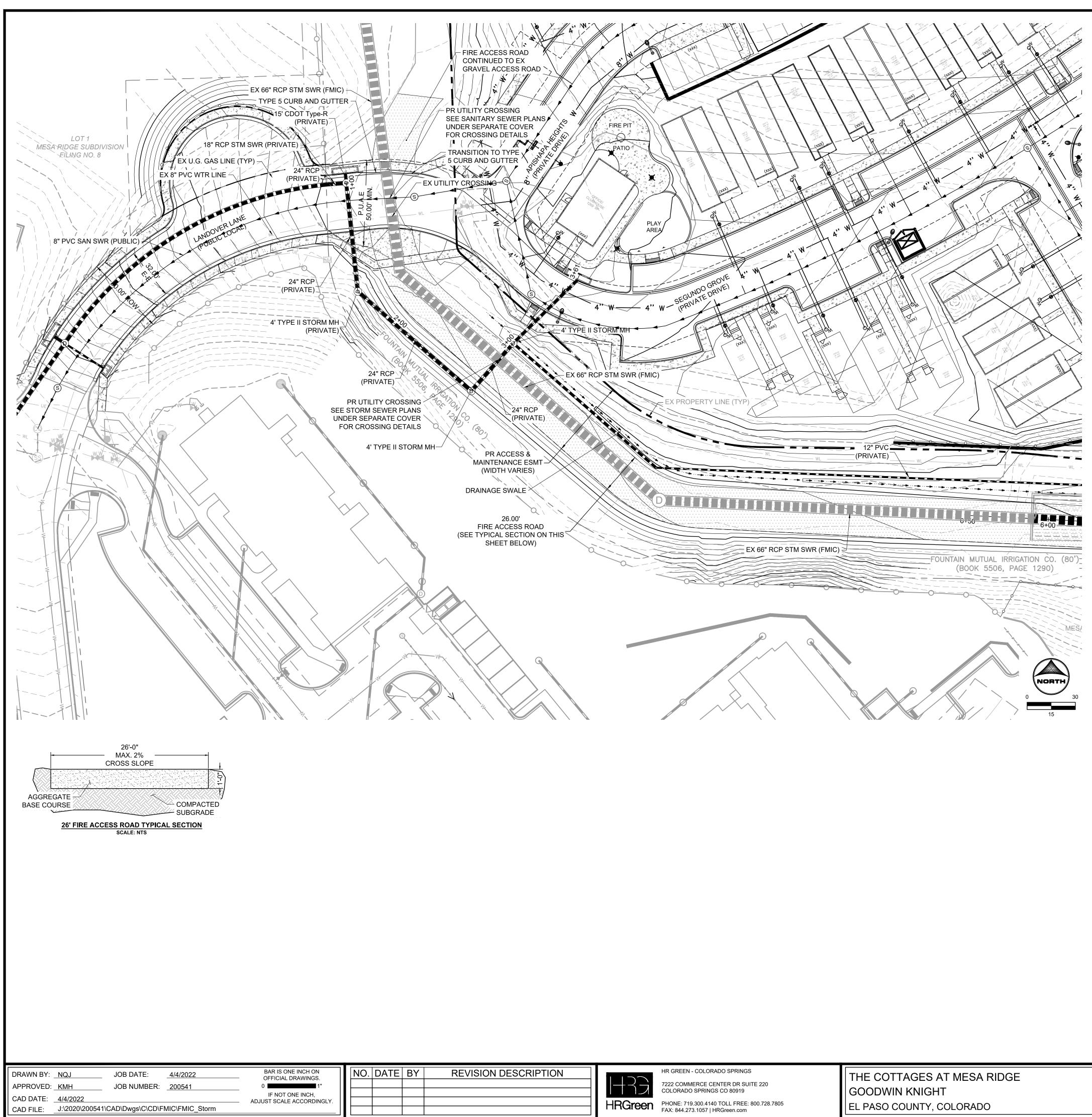


IRRIGATION PIPE CONSTRUCTION DRAWINGS COVER SHEET

CV







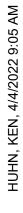
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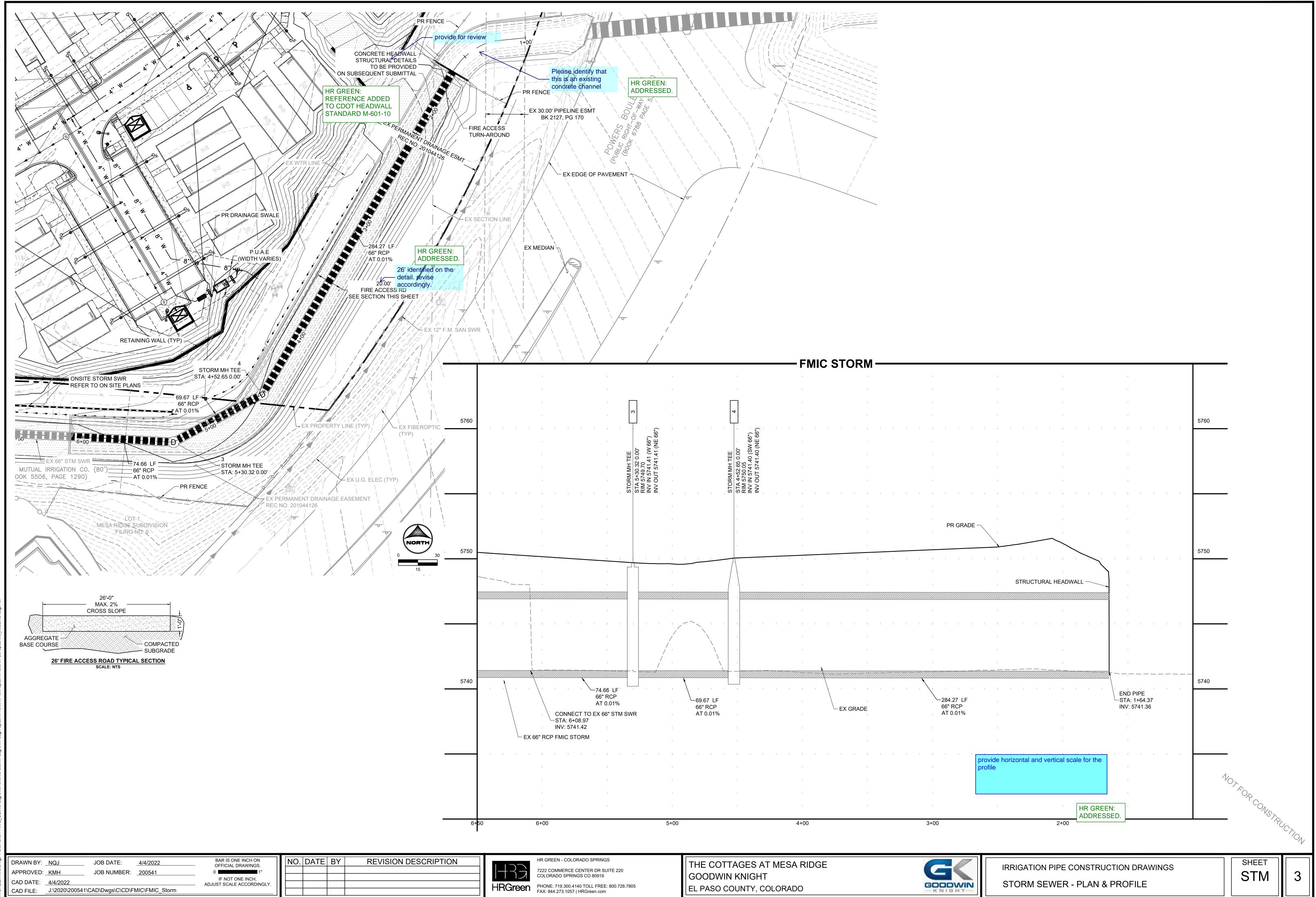


IRRIGATION PIPE CONSTRUCTION DRAWINGS STORM PLAN

SHEET STM 2

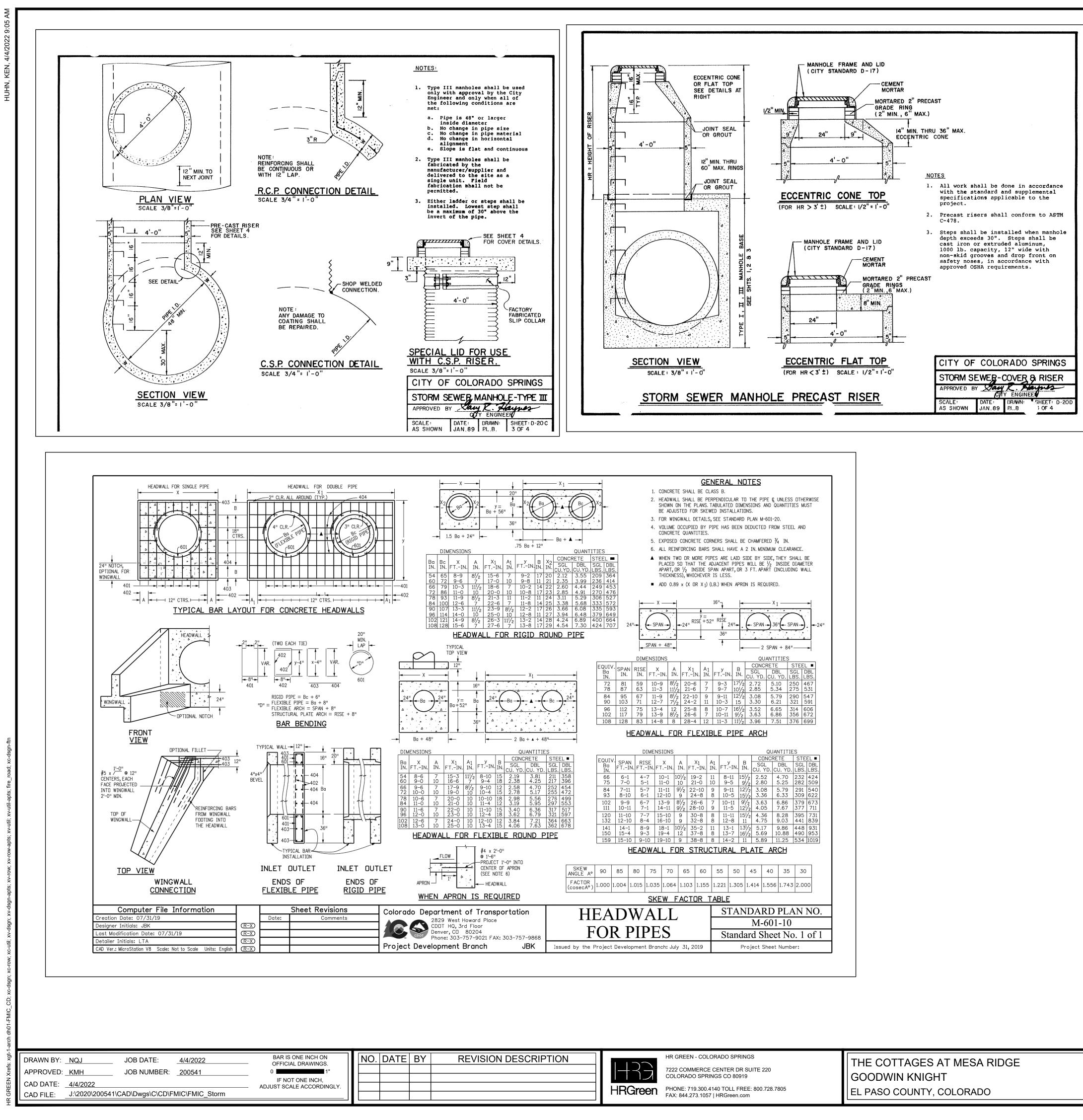
NOT FOR CONSTRUCTION





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NOT FOR CONSTRUCTION



IRRIGATION PIPE CONSTRUCTION DRAWINGS CONSTRUCTION DETAILS

