



**PRIVATE ENGINEER'S NOTICE TO CONTRACTORS:**

- THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF THE PLANS.
1. THE CHEROKEE METRO DISTRICT ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE HELD RESPONSIBLE FOR THEIR ENFORCEMENT.
  2. APPROVAL OF THESE PLANS BY CHEROKEE METRO DISTRICT DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
  3. THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY CHEROKEE METRO DISTRICT DOES NOT AUTHORIZE THE SUBDIVIDER AND OWNER TO VIOLATE ANY FEDERAL, STATE OR COUNTY LAWS, ORDINANCES, REGULATIONS, OR POLICIES.
  4. NEITHER THE OWNER, NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
  5. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING: SAFETY OF ALL PERSONS AND PROPERTY, AND THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
  6. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES, STREETS, UTILITIES, AND STORM SEWERS ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER OF RECORD AT 719-453-0180. IN THE EVENT THAT PROPOSED EROSION CONTROL IS INSUFFICIENT, CONTRACTOR WILL INSTALL ADDITIONAL EROSION CONTROLS AT OWNER'S EXPENSE.
  7. EXCEPT AS NOTED HEREON ALL UTILITY SERVICES WITHIN THIS DEVELOPMENT ARE UNDERGROUND INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO STARTING WORK NEAR THEIR FACILITIES, AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES. FOR UTILITY MARK-OUT SERVICE, CALL 811.
  8. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS. UTILITIES NOT OF RECORD OR NOT SHOWN ON PLANS SHALL BE CONSIDERED UNFORESEEN CONDITIONS AND DAMAGES THERETO SHALL BE REPAIRED AT THE OWNER'S EXPENSE.
  9. LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
  10. CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES, AT THE OWNER'S DISCRETION AND EXPENSE.
  11. FOR ALL UTILITY TRENCHES, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD BY A QUALIFIED SOILS ENGINEER WHICH CERTIFY THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS.
  12. ANY WORK DONE WITHOUT INSPECTION OR MATERIALS TESTING IS SUBJECT TO REMOVAL OR CORRECTION.
  13. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY DAMAGE TO THE EXISTING IMPROVEMENTS AND REPLACEMENT TO THE SATISFACTION OF THE FIELD ENGINEER.
  14. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING, DRAINAGE AND UNDERGROUND FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES, AT THE OWNER'S DISCRETION AND EXPENSE. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
  15. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE PLANS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK.
  16. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS OR IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT KIMLEY-HORN BEFORE PROCEEDING WITH THE WORK IN QUESTION.
  17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. CONTRACTOR'S LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, CONTRACTOR'S LAND SURVEYOR SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE COLORADO SPRINGS (EL PASO COUNTY) FIELD SURVEY SECTION MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.
  18. DEVIATIONS FROM THESE PLANS SIGNED PLANS WILL NOT BE ALLOWED UNLESS THE COUNTY ENGINEER APPROVES A CONSTRUCTION CHANGE OR THE COUNTY/AGENCY INSPECTOR REQUIRES THE CHANGE.
  19. AS-BUILT DRAWINGS MUST BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT.
  20. THE AREA WHICH IS DEFINED AS A NON GRADING AREA AND WHICH IS NOT TO BE DISTURBED SHALL BE STAKED PRIOR TO START OF THE WORK. THE PERMIT APPLICANT AND ALL OF THEIR REPRESENTATIVES OR CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS FOR PROTECTION OF THIS AREA AS REQUIRED BY ANY APPLICABLE AGENCY. ISSUANCE OF THE CITY'S GRADING PERMIT SHALL NOT RELIEVE THE APPLICANT OR ANY OF THEIR REPRESENTATIVES OR CONTRACTORS FROM COMPLYING WITH ANY STATE OR FEDERAL REQUIREMENTS BY AGENCIES INCLUDING BUT NOT LIMITED TO COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT OR COLORADO DIVISION OF WILDLIFE. COMPLIANCE MAY INCLUDE OBTAINING PERMITS, OTHER AUTHORIZATIONS, OR COMPLIANCE WITH MANDATES BY ANY APPLICABLE STATE OR FEDERAL AGENCY.
  21. NOTES AND DETAILS DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
  22. IF AT ANY TIME DURING THE GRADING OPERATION, ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, GRADING IN THAT AREA SHALL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
  23. STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE ADDITIONAL CARE TO ENSURE POSITIVE DRAINAGE AWAY FROM THE STRUCTURE WHILE MEETING MINIMUM AND MAXIMUM PAVEMENT SLOPES AS DEFINED IN THE CRITERIA.
  24. ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
  25. DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
  26. CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN IN THESE PLANS SHALL BE PERFORMED BY CONTRACTOR'S LICENSED LAND SURVEYOR.
  27. ALL DIMENSIONS ARE IN FEET OR DECIMALS THEREOF.
  28. SPOT GRADES ARE TO FLOWLINE OR FINISH PAVEMENT GRADE UNLESS OTHERWISE NOTED.
  29. CONTRACTOR TO BE AWARE OF ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
  30. STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERIM CONDITIONS OF CONSTRUCTION.
  31. RETAINING WALLS LOCATED CLOSER TO THE PROPERTY LINE THAN THE HEIGHT OF THE WALL SHALL BE BACKFILLED NOT LATER THAN 10 DAYS AFTER CONSTRUCTION OF THE WALL AND NECESSARY STRUCTURAL SUPPORTING MEMBERS UNLESS RECOMMENDED OTHERWISE BY RESPONSIBLE ENGINEER.
  32. THE CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR AND OBTAINING A STATE STORMWATER DISCHARGE PERMIT FROM COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE) AT MINIMUM 10 BUSINESS DAYS PRIOR TO THE START OF GRADING ACTIVITIES ONSITE. 10 BUSINESS DAYS IS THE MINIMUM TIME REQUIRED BY THE STATE TO PROCESS THE APPLICATION. IT IS HIGHLY RECOMMENDED THAT THE CONTRACTOR APPLY FOR THE PERMIT AT LEAST 20 BUSINESS DAYS PRIOR TO THE START OF GRADING ACTIVITIES.

**STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS**

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 FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF 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 APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
  - a. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
  - 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
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 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 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 (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
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 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 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 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. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DPW AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
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 ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

**WATER PROJECT SPECIFIC NOTES**

APPLICABLE	NOT-APPLICABLE	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ANY EXISTING STUBS AND APPURTENANCES THAT WILL NOT BE USED SHALL BE REMOVED AND REPLACED WITH AN ACCEPTABLE SECTION OF MAIN AT THE EXPENSE OF THE CONTRACTOR.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	A CONNECTION TO AN EXISTING STUB IS PROPOSED. CHEROKEE METRO DISTRICT DOES NOT GUARANTEE THE ACCURACY OF THE DEPTHS OR LOCATIONS OF EXISTING STUBS SHOWN ON ANY "AS-BUILT" DRAWINGS.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A WATER STUB-OUT(S) IS/ARE PROPOSED. CHEROKEE METRO DISTRICT DOES NOT GUARANTEE THAT THE DESIGN OR INSTALLATION OF THE PROPOSED WATER STUB-OUT WILL MEET FUTURE DEVELOPMENT NEEDS.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	A WATER QUALITY PLAN HAS BEEN APPROVED FOR THIS PROJECT

**WATER PLAN NOTES**

THE CONTRACTOR SHALL NOTIFY COLORADO SPRINGS UTILITIES' INSPECTIONS OFFICE (NORTH: 668-4396 OR SOUTH: 668-4658) AND/OR CHEROKEE METRO DISTRICT (719-597-5080) A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

- GENERAL:**
1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET CHEROKEE METRO DISTRICT STANDARDS AND CSU *WATER LINE EXTENSION AND SERVICE STANDARDS (WATER LESS)*.
  2. THE CONTRACTOR SHALL OBTAIN LOCATES PRIOR TO ANY EXCAVATION.
  3. CHEROKEE METRO DISTRICT DOES NOT GUARANTEE THE ACCURACY OF LOCATIONS OF EXISTING PIPELINES, HYDRANTS, VALVES AND SERVICE LINES. IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AND THE ENGINEER OF RECORD IMMEDIATELY.
  4. NO TREES OR STRUCTURES ARE PERMITTED WITHIN FIFTEEN FEET (15') OF A WATER MAIN.
  5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY FACILITIES AS A RESULT OF HIS ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY TO THE SATISFACTION OF COLORADO SPRINGS UTILITIES AND CHEROKEE METRO DISTRICT.
  6. ALL FIELD STAKING SHALL COMPLY WITH THE *WATER LESS AND CHEROKEE STANDARDS*.
  7. THE CONTRACTOR SHALL MAKE THEIR BEST EFFORT TO ENSURE THAT WATER SERVICE TO ADJACENT PROPERTIES IS MAINTAINED DURING CONSTRUCTION.
  8. CORROSION PROTECTION MEASURES SHALL COMPLY WITH THE *WATER LESS AND CHEROKEE STANDARDS*.
  9. NO SERVICE TAPS SHALL BE MADE UNTIL AUTHORIZATION HAS BEEN GRANTED BY THE CHEROKEE METRO DISTRICT INSPECTOR.
  10. ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION AND THE STATIONING ON THE FIELD STAKES SHALL MATCH THE STATIONING ON THE PLANS.
  11. FIELD MODIFICATIONS TO A FIRE SERVICE LINE OR FIRE HYDRANT DESIGN OR LOCATION MAY NEED TO BE APPROVED BY THE DESIGN ENGINEER, FALCON FIRE DEPARTMENT AND CHEROKEE METRO DISTRICT, AS REQUIRED BY THE INSPECTOR.
  12. REUSE OR SALVAGE OF ANY MATERIAL IS LEFT TO THE DISCRETION OF THE CHEROKEE METRO DISTRICT INSPECTOR.
  13. ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE CHEROKEE METRO DISTRICT *STANDARD SPECIFICATIONS MANUAL AND CHEROKEE STANDARDS*.
  14. ALL ISOLATION VALVES TO OPEN COUNTERCLOCKWISE.

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NO.	REVISION	BY	DATE	APPR.

**Kimley»Horn**

2022 KIMLEY-HORN AND ASSOCIATES, INC.  
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Colorado Springs, CO 80903 (303) 228-2200

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DRAWN BY: JWM  
CHECKED BY: DLS  
DATE: 9/09/2022

THE CITIZEN ON CONSTITUTION  
EL PASO COUNTY, COLORADO  
UTILITY AND WATER SERVICE PLANS  
UTILITY PLAN NOTES

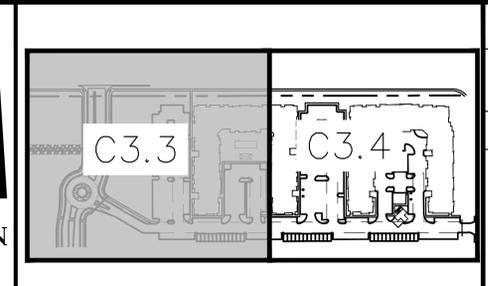
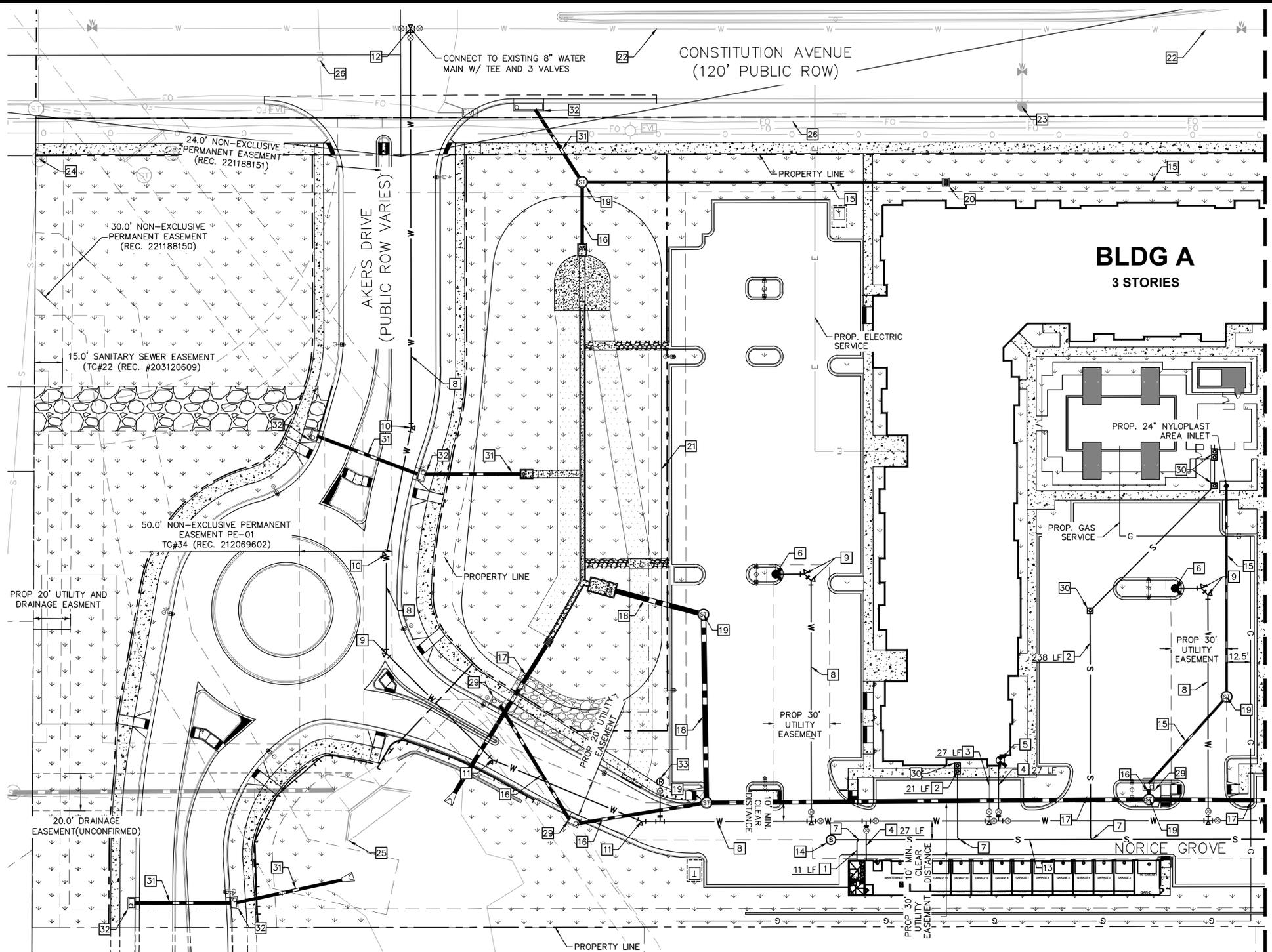


PROJECT NO.  
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**LEGEND**

---	PROPERTY LINE
---	EXISTING WATER LINE & VALVE
---	PROPOSED WATER LINE & VALVE
⊙	PROPOSED FIRE HYDRANT
---	EXISTING SANITARY SEWER LINE & MANHOLE
---	PROPOSED SANITARY SEWER LINE, MANHOLE, AND DOUBLE CLEANOUT
---	PROPOSED STORM SEWER LINE & MANHOLE
⊠	PROPOSED STORM SEWER STRUCTURES

**KEY NOTE LEGEND**

1	PROPOSED 4" SDR35 PVC SANITARY SERVICE
2	PROPOSED 6" SDR35 PVC SANITARY SERVICE
3	PROPOSED 6" C900 PVC FIRE SERVICE
4	PROPOSED 4" C900 PVC DOMESTIC SERVICE LINE W/ 3" METER AND BFP INTERNAL TO BUILDING (REF. MEP PLANS)
5	PROPOSED FIRE DEPARTMENT CONNECTION
6	PROPOSED FH ASSEMBLY PER CSU STANDARD DETL. A5-6, PAINTED WITH CMD STANDARD COLORS
7	PROPOSED WASTEWATER TAP PER CSU WASTEWATER STANDARD DETAIL D1-6
8	PROPOSED 8" C900 PVC PUBLIC WATER MAIN
9	45° BEND
10	11.25° BEND
11	22.5° BEND
12	PROPOSED WATER MAIN POINT OF CONNECTION
13	PROPOSED 8" SANITARY MAIN
14	PROPOSED SANITARY MANHOLE
15	PROPOSED PRIVATE 12" HDPE STORM LINE
16	PROPOSED PRIVATE 18" HDPE STORM LINE
17	PROPOSED PRIVATE 24" HDPE STORM LINE
18	PROPOSED PRIVATE 30" HDPE STORM LINE
19	PROPOSED PRIVATE STORM MANHOLE
20	PROPOSED PRIVATE CDOT TYPE 13 INLET
21	PROPOSED DETENTION POND
22	EXISTING WATER MAIN
23	EXISTING FIRE HYDRANT
24	EXISTING SANITARY MANHOLE
25	EXISTING STORM OUTFALL
26	EXISTING FIBER OPTIC LINE
27	EXISTING ELECTRICAL LINE
28	EXISTING CABLE TV LINE
29	PROPOSED PRIVATE CDOT TYPE-R INLET
30	PROPOSED CLEANOUT
31	PROPOSED PUBLIC 18" RCP STORM LINE
32	PROPOSED PUBLIC CDOT TYPE-R INLET
33	PROPOSED 1.5" IRRIGATION METER AND SERVICE LINE

**NOTES:**

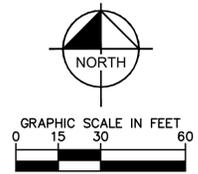
- ALL WATER LINES TO BE BEDDED PER COLORADO SPRINGS UTILITIES SPECIFICATIONS.
- ALL CONDITIONS SHOWN TO BE "EXISTING" OR "ASSUMED" SHALL BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR PRIOR TO START OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO POTHOLES OF EXISTING UTILITY ELEVATIONS AT CROSSINGS AND TIE-IN LOCATIONS. ANY DISCREPANCIES SHALL BE NOTED AND SUBMITTED TO THE OWNER AND THE ENGINEER FOR REVIEW. CHANGES TO THE ORIGINAL DESIGN OF THIS PROJECT DUE TO EXISTING SITE CONDITIONS MUST BE APPROVED BY BOTH THE ENGINEER AND OWNER PRIOR TO MAKING ANY CHANGES.
- THE HORIZONTAL DIMENSIONS BETWEEN PROPOSED UTILITY LINES MAY VARY SLIGHTLY BASED ON INSTALLED VALVES, ADAPTER, AND PUMPS.
- ALL APPURTENANCES ON HYDRANT LATERALS SHALL BE INSTALLED WITH MJ RESTRAINTS PER CSU STANDARDS.

**CAUTION NOTE (SERVICE LINES):**

CONTRACTOR SHALL MAINTAIN 1' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITY CROSSINGS TO VERIFY DEPTH AND COORDINATE WITH ENGINEER OF RECORD.

**WATER SERVICE LINE NOTES:**

- CURB STOPS SHALL BE INSTALLED A MINIMUM OF 7 FEET FROM THE BUILDING FOUNDATION.
- ALL WATER SERVICE LINES SHALL BE STUBBED AND TERMINATE AT THE CURB STOP
- METER LOCATIONS ARE NOT SHOWN ON THIS PLAN. METERS TO BE INSTALLED INSIDE THE MULTI FAMILY STRUCTURE IN ACCORDANCE WITH CMD STD. DTL. B1-11A.
- ALL QUANTITIES PER THIS PLAN ARE FOR REFERENCE ONLY.
- CHEROKEE METRO DISTRICT'S RESPONSIBILITY ENDS AT VALVED CONNECTION AT MAIN OR SEWER LATERAL CONNECTION.
- PAVEMENT REPAIRS OR LANDSCAPE REPAIRS FOR WATER AND SANITARY SEWER REPAIRS ARE RESPONSIBILITY OF OWNER.



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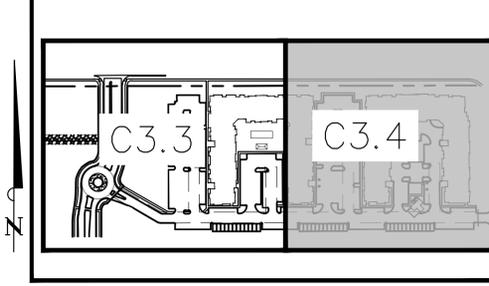
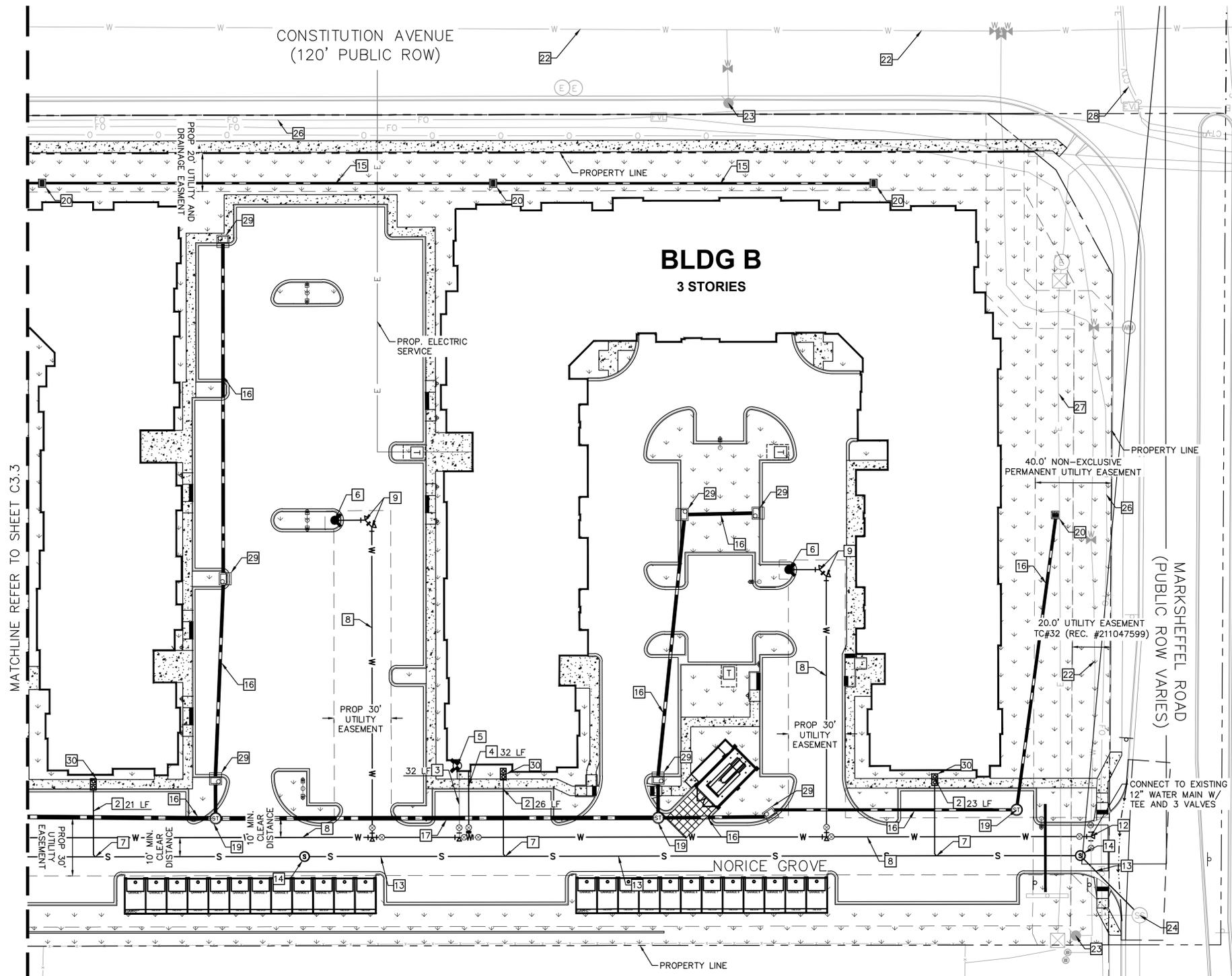
DESIGNED BY: MOH  
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THE CITIZEN ON CONSTITUTION  
EL PASO COUNTY, COLORADO  
UTILITY AND WATER SERVICE PLANS  
UTILITY SERVICE PLAN

PROJECT NO. 096481004  
SHEET C3.3

REVISION BY DATE APPR.

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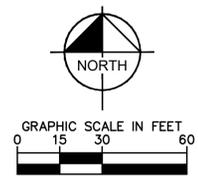
- LEGEND**
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- KEY NOTE LEGEND**
- 1 PROPOSED 4" SDR35 PVC SANITARY SERVICE
  - 2 PROPOSED 6" SDR35 PVC SANITARY SERVICE
  - 3 PROPOSED 6" C900 PVC FIRE SERVICE
  - 4 PROPOSED 4" C900 PVC DOMESTIC SERVICE LINE W/ 3" METER AND BFP INTERNAL TO BUILDING (REF. MEP PLANS)
  - 5 PROPOSED FIRE DEPARTMENT CONNECTION
  - 6 PROPOSED FH ASSEMBLY PER CSU STANDARD DETL. A5-6, PAINTED WITH CMD STANDARD COLORS
  - 7 PROPOSED WASTEWATER TAP PER CSU WASTEWATER STANDARD DETAIL D1-6
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  - 29 PROPOSED PRIVATE CDOT TYPE-R INLET
  - 30 PROPOSED CLEANOUT
  - 31 PROPOSED PUBLIC 18" RCP STORM LINE
  - 32 PROPOSED PUBLIC CDOT TYPE-R INLET
  - 33 PROPOSED 1.5" IRRIGATION METER AND SERVICE LINE

- NOTES:**
- ALL WATER LINES TO BE BEDDED PER COLORADO SPRINGS UTILITIES SPECIFICATIONS.
  - ALL CONDITIONS SHOWN TO BE "EXISTING" OR "ASSUMED" SHALL BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR PRIOR TO START OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO POTHOLES OF EXISTING UTILITY ELEVATIONS AT CROSSINGS AND TIE-IN LOCATIONS. ANY DISCREPANCIES SHALL BE NOTED AND SUBMITTED TO THE OWNER AND THE ENGINEER FOR REVIEW. CHANGES TO THE ORIGINAL DESIGN OF THIS PROJECT DUE TO EXISTING SITE CONDITIONS MUST BE APPROVED BY BOTH THE ENGINEER AND OWNER PRIOR TO MAKING ANY CHANGES.
  - THE HORIZONTAL DIMENSIONS BETWEEN PROPOSED UTILITY LINES MAY VARY SLIGHTLY BASED ON INSTALLED VALVES, ADAPTER, AND PUMPS.
  - ALL APPURTENANCES ON HYDRANT LATERALS SHALL BE INSTALLED WITH MJ RESTRAINTS PER CSU STANDARDS.

**CAUTION NOTE (SERVICE LINES):**  
 CONTRACTOR SHALL MAINTAIN 1' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITY CROSSINGS TO VERIFY DEPTH AND COORDINATE WITH ENGINEER OF RECORD.

- WATER SERVICE LINE NOTES:**
- CURB STOPS SHALL BE INSTALLED 7 FEET FROM THE PROPERTY LINE IN ACCORDANCE WITH CSU STD. DETAIL B2-3.
  - ALL WATER SERVICE LINES SHALL BE STUBBED AND TERMINATE AT THE CURB STOP.
  - METER LOCATIONS ARE NOT SHOWN ON THIS PLAN. METERS TO BE INSTALLED INSIDE THE MULTI FAMILY STRUCTURE IN ACCORDANCE WITH CMD STD. DTL. B1-11A.
  - ALL QUANTITIES PER THIS PLAN ARE FOR REFERENCE ONLY.
  - CHEROKEE METRO DISTRICT'S RESPONSIBILITY ENDS AT VALVED CONNECTION AT MAIN OR SEWER LATERAL CONNECTION.
  - PAVEMENT REPAIRS OR LANDSCAPE REPAIRS FOR WATER AND SANITARY SEWER REPAIRS ARE RESPONSIBILITY OF OWNER.



NO.	REVISION	BY	DATE	APPR.

**Kimley»Horn**  
 2022 KIMLEY-HORN AND ASSOCIATES, INC.  
 2 North Nevada Avenue, Suite 300  
 Colorado Springs, CO 80903 (303) 228-2300

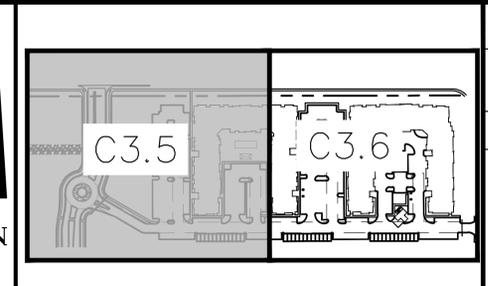
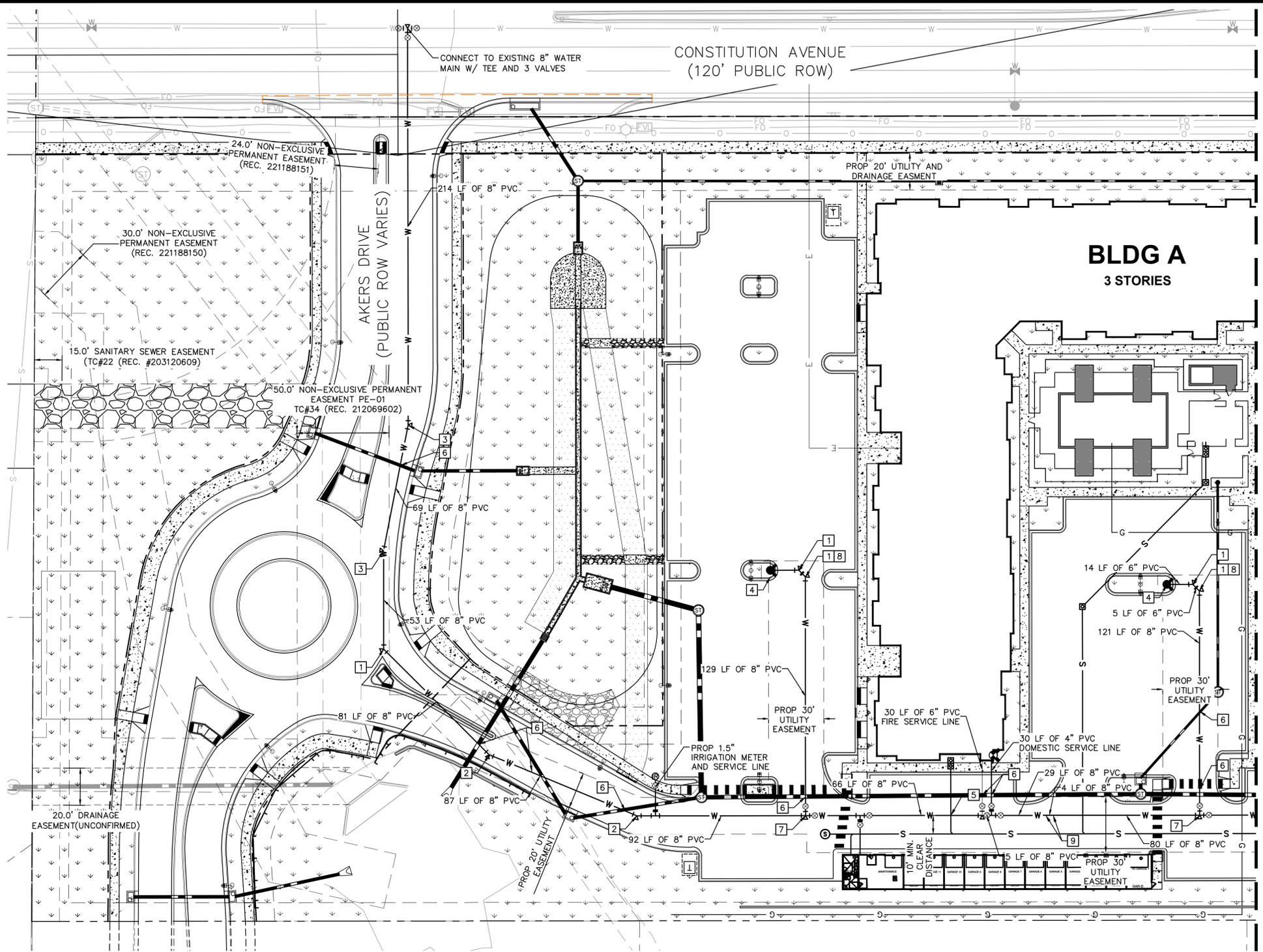
DESIGNED BY: MOH  
 DRAWN BY: JWM  
 CHECKED BY: DLS  
 DATE: 9/09/2022

THE CITIZEN ON CONSTITUTION  
 EL PASO COUNTY, COLORADO  
 UTILITY AND WATER SERVICE PLANS  
 UTILITY SERVICE PLAN

PROJECT NO.  
 096481004

SHEET  
**C3.4**

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**LEGEND**

	PROPERTY LINE
	EXISTING WATER LINE & VALVE
	PROPOSED WATER LINE & VALVE
	PROPOSED FIRE HYDRANT
	EXISTING SANITARY SEWER LINE & MANHOLE
	PROPOSED SANITARY SEWER LINE, MANHOLE, AND DOUBLE CLEANOUT
	PROPOSED STORM SEWER LINE & MANHOLE
	PROPOSED STORM SEWER STRUCTURES

- KEY NOTE LEGEND**
- 1 45° HORIZONTAL BEND WITH THRUST BLOCK
  - 2 22.5° HORIZONTAL BEND WITH THRUST BLOCK
  - 3 11.25° HORIZONTAL BEND WITH THRUST BLOCK
  - 4 FH ASSEMBLY PER CSU STANDARD DETL. A5-6
  - 5 SANITARY SEWER CROSSING
  - 6 STORM SEWER CROSSING
  - 7 8"x8" FIRE SERVICE TEE W/ 8" GATE VALVE (3-VALVE CLUSTER)
  - 8 8"x6" REDUCER W/ THRUST BLOCK
  - 9 22.5° VERTICAL BEND

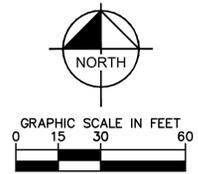
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  - THE HORIZONTAL DIMENSIONS BETWEEN PROPOSED UTILITY LINES MAY VARY SLIGHTLY BASED ON INSTALLED VALVES, ADAPTER, AND PUMPS.
  - ALL APPURTENANCES ON HYDRANT LATERALS SHALL BE INSTALLED WITH MJ RESTRAINTS PER CSU STANDARDS.
  - ALL WATER LINES DESIGNATED PVC TO BE CONSTRUCTED WITH C900 PVC PIPE.

**CAUTION NOTE (SERVICE LINES):**

CONTRACTOR SHALL MAINTAIN 1' OF VERTICAL SEPARATION AT ALL DRY UTILITY CROSSINGS. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITY CROSSINGS TO VERIFY DEPTH AND COORDINATE WITH ENGINEER OF RECORD.



CALL UTILITY NOTIFICATION CENTER OF COLORADO  
1-800-922-1987  
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



DESIGNED BY: MOH  
DRAWN BY: JWM  
CHECKED BY: DLS  
DATE: 9/09/2022

**Kimley»Horn**  
2022 KIMLEY-HORN AND ASSOCIATES, INC.  
2 North Nevada Avenue, Suite 300  
Colorado Springs, CO 80903 (303) 228-2300

THE CITIZEN ON CONSTITUTION  
EL PASO COUNTY, COLORADO  
UTILITY AND WATER SERVICE PLANS  
WATER PLAN

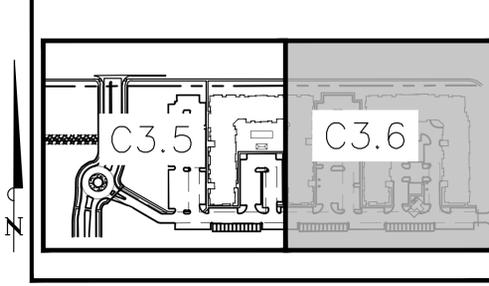
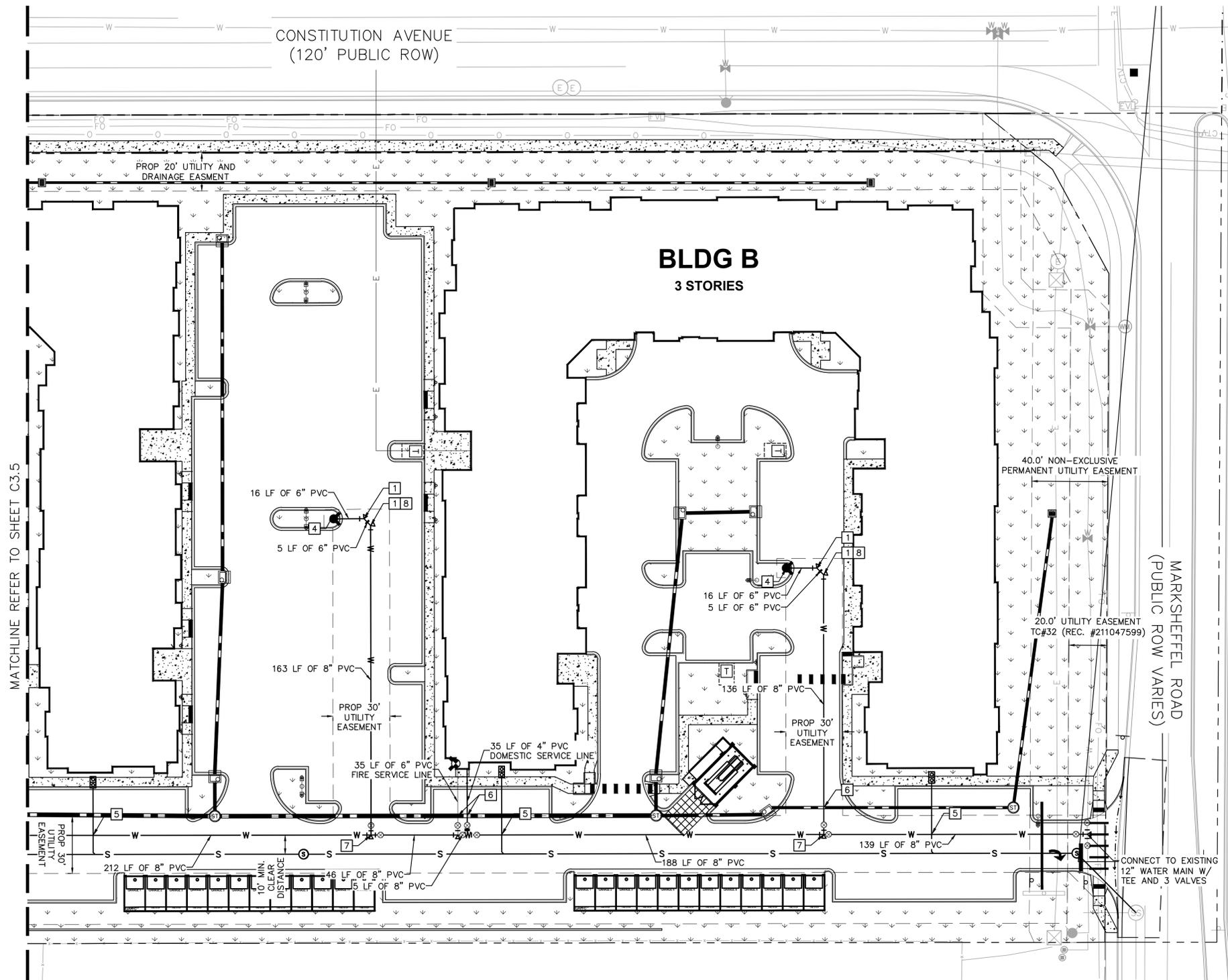
PROFESSIONAL ENGINEER  
53916  
9/09/2022

PROJECT NO.  
096481004

SHEET  
C3.5

NO. REVISION BY DATE APPR.

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**LEGEND**

---	PROPERTY LINE
— —	EXISTING WATER LINE & VALVE
— —	PROPOSED WATER LINE & VALVE
— —	PROPOSED FIRE HYDRANT
— —	EXISTING SANITARY SEWER LINE & MANHOLE
— —	PROPOSED SANITARY SEWER LINE, MANHOLE, AND DOUBLE CLEANOUT
— —	PROPOSED STORM SEWER LINE & MANHOLE
— —	PROPOSED STORM SEWER STRUCTURES

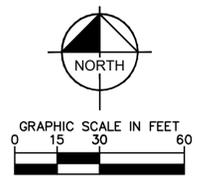
- KEY NOTE LEGEND**
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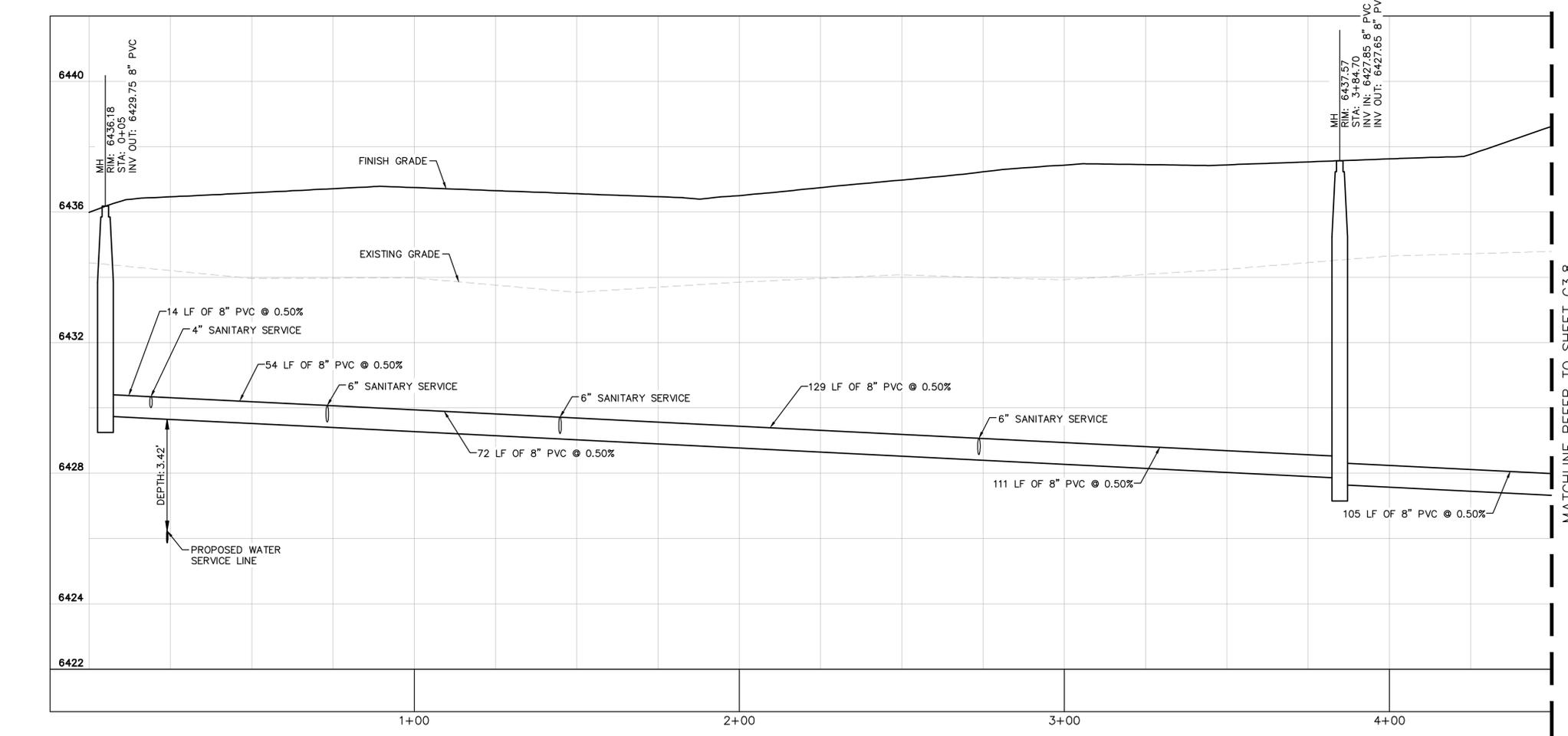
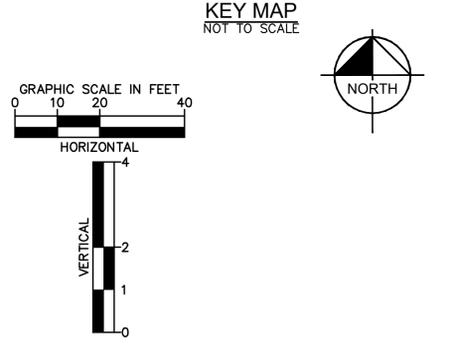
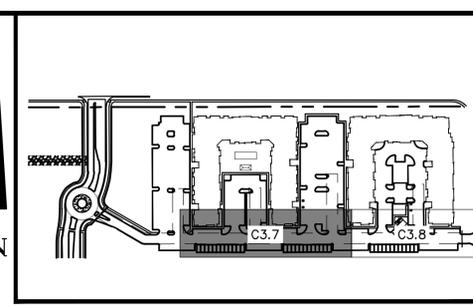
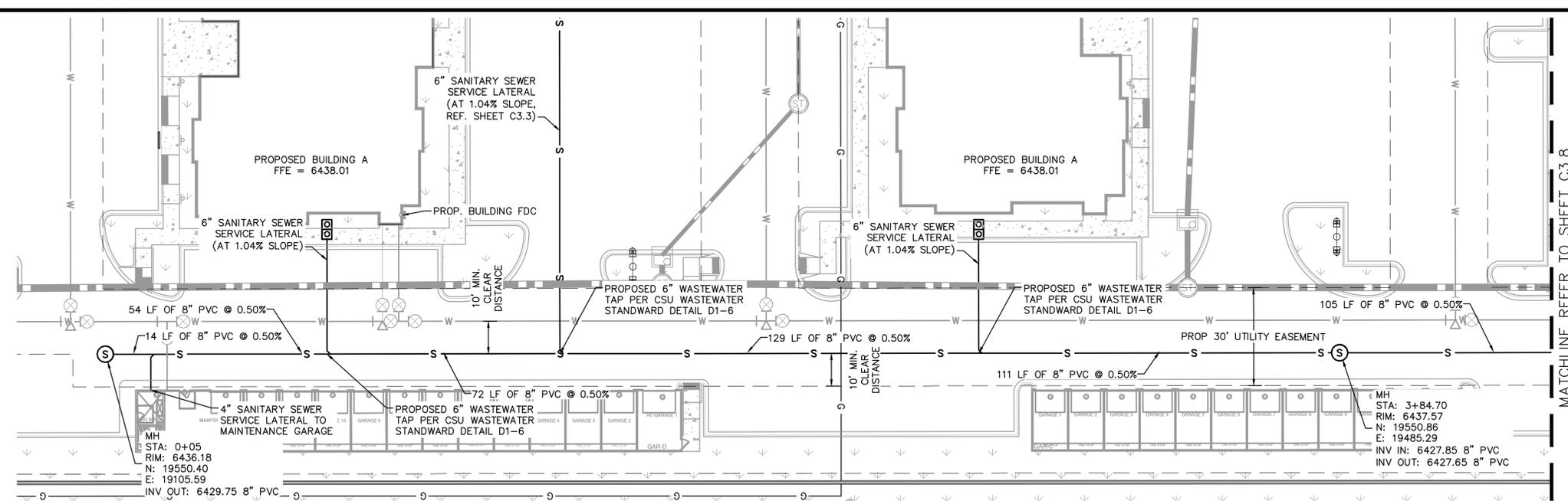
THE CITIZEN ON CONSTITUTION  
 EL PASO COUNTY, COLORADO  
 UTILITY AND WATER SERVICE PLANS  
**WATER PLAN**



PROJECT NO.  
096481004

SHEET  
**C3.6**

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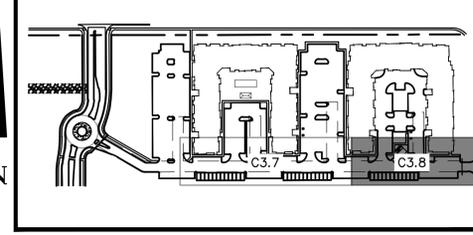
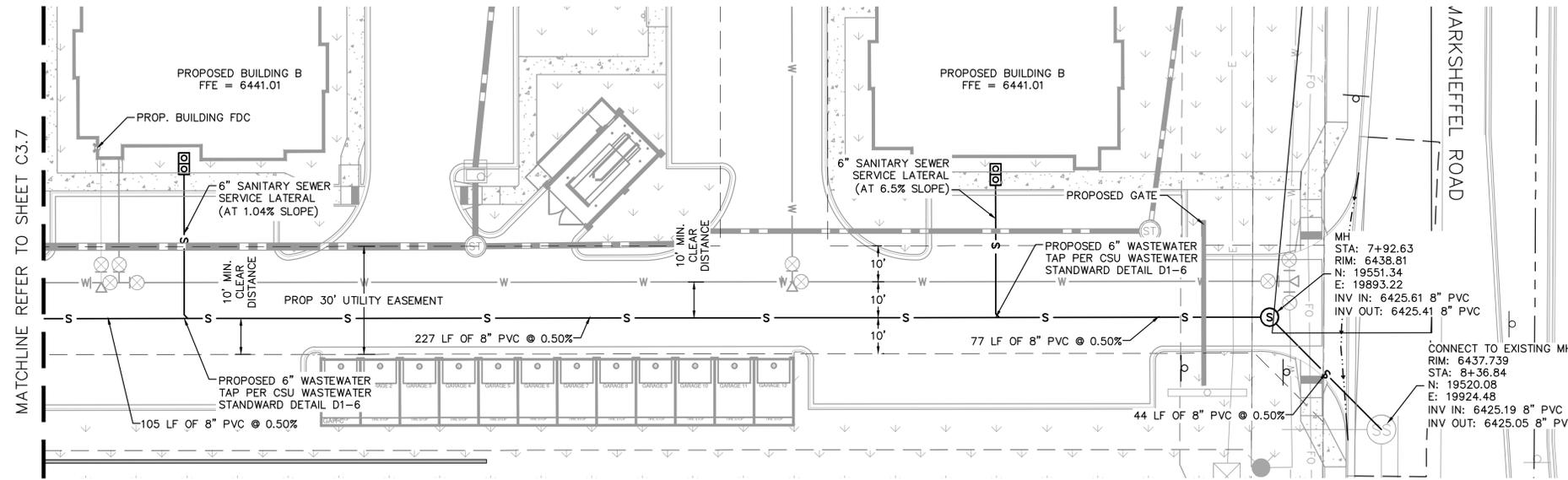
- LEGEND:**
- PROPERTY LINE
  - - - EXISTING EASEMENT LINE
  - - - PROPOSED EASEMENT LINE
  - - - EXISTING SANITARY SEWER
  - S — PROPOSED SANITARY SEWER W/ DOUBLE C.O.
  - ⊙ SANITARY SEWER MANHOLE
  - ⊙⊙ EXISTING SANITARY MANHOLE
  - ⊙ PROPOSED STORM MANHOLE
  - ▬ PROPOSED STORM SEWER
  - W — PROPOSED WATER LINE
  - ⊕ PROPOSED FIRE HYDRANT
  - ⊠ PROPOSED STORM INLET

- SANITARY SEWER NOTES**
1. MANHOLE RIM ELEVATIONS PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL INSTALL MANHOLES IN ACCORDANCE WITH APPLICABLE DETAILS BASED UPON FINAL FINISH GRADING AT MANHOLE LOCATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTMENTS TO ACCOMMODATE DEVIATIONS IN SITE GRADING AT NO COST TO THE OWNER.
  2. ALL SANITARY SEWER MANHOLES AND MAINS ARE PUBLIC UNLESS OTHERWISE NOTED.
  3. ALL SERVICE LATERALS SHALL BE 6" PVC AND PRIVATE UNLESS OTHERWISE NOTED ON PLANS.
  4. CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING SANITARY SEWER AT ALL CONNECTION POINTS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
  5. CONTRACTOR TO MODIFY EXISTING MANHOLE RIM ELEVATIONS TO MATCH PROPOSED FINISH GRADE AS NECESSARY.
  6. SANITARY MAINS UNDER 1.04% SLOPE SHALL REQUIRE SELECT BEDDING PER CSU WASTEWATER LESS 5.11.D.3



<p>2022 KIMLEY-HORN AND ASSOCIATES, INC. 2 North Nevada Avenue, Suite 300 Colorado Springs, CO 80903 (303) 228-2300</p>	<p>DESIGNED BY: MOH DRAWN BY: JWM CHECKED BY: DLS DATE: 9/09/2022</p>
<p>THE CITIZEN ON CONSTITUTION EL PASO COUNTY, COLORADO UTILITY AND WATER SERVICE PLANS <b>SAN. SEWER PLAN &amp; PROFILE LINE A</b></p>	<p>PROJECT NO. 096481004</p> <p>SHEET <b>C3.7</b></p>
	<p>NO. _____</p> <p>REVISION _____</p> <p>BY _____ DATE _____</p> <p>APPR. _____</p>

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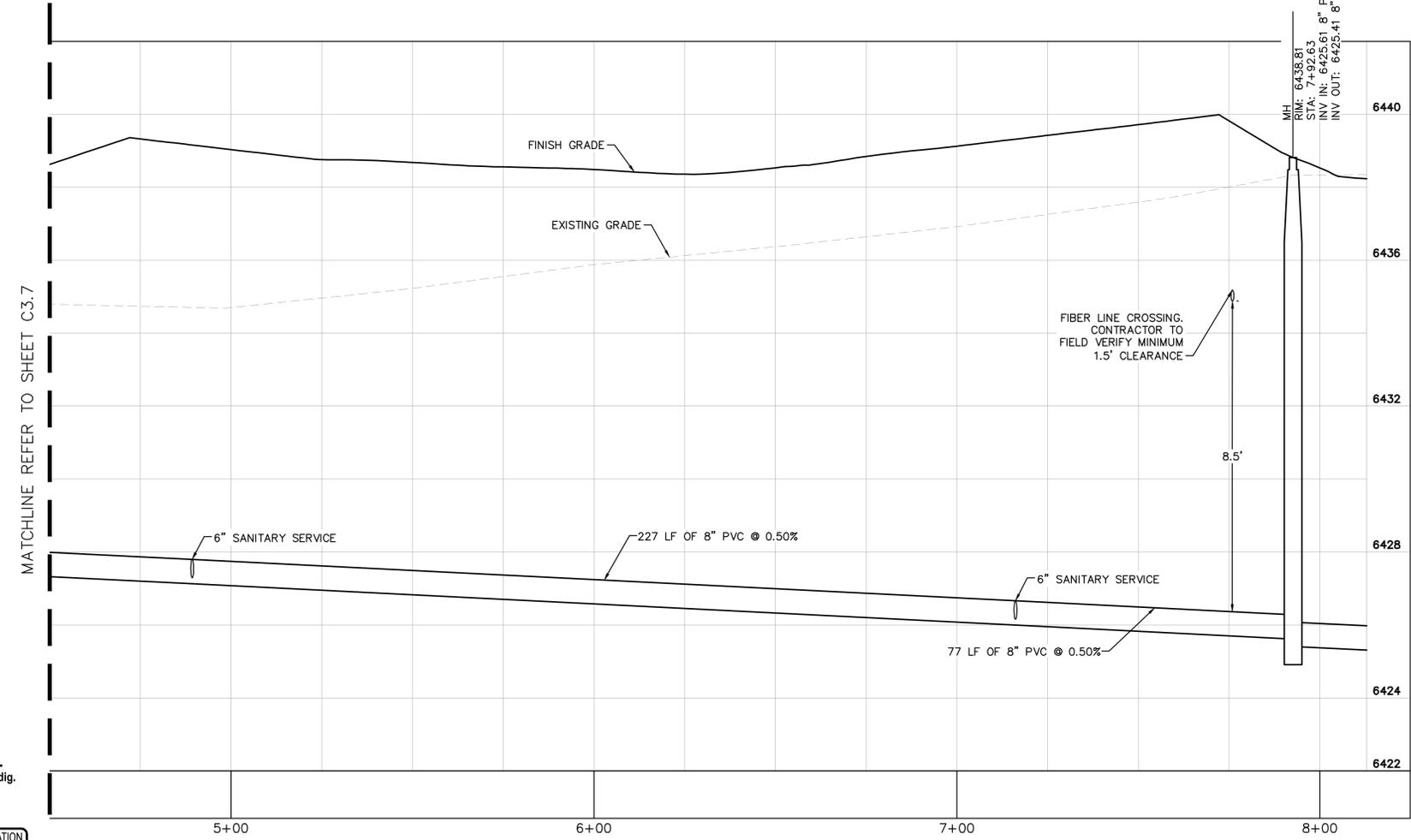
KEY MAP  
NOT TO SCALE

LEGEND:

- PROPERTY LINE
- - - EXISTING EASEMENT LINE
- - - PROPOSED EASEMENT LINE
- - - EXISTING SANITARY SEWER
- - - PROPOSED SANITARY SEWER W/ DOUBLE C.O.
- (S) SANITARY SEWER MANHOLE
- (SS) EXISTING SANITARY MANHOLE
- (D) PROPOSED STORM MANHOLE
- ▬ PROPOSED STORM SEWER
- W - PROPOSED WATER LINE
- ⦿ PROPOSED FIRE HYDRANT
- PROPOSED STORM INLET

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MH STA: 7+92.63  
RIM: 6438.81  
N: 19551.34  
E: 19893.22  
INV IN: 6425.61 8" PVC  
INV OUT: 6425.41 8" PVC

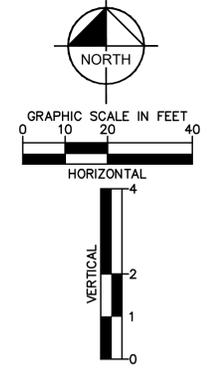
CONNECT TO EXISTING MH  
RIM: 6437.739  
STA: 8+36.84  
E: 19924.48  
INV IN: 6425.19 8" PVC  
INV OUT: 6425.05 8" PVC

MATCHLINE REFER TO SHEET C3.7

MATCHLINE REFER TO SHEET C3.7



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SAN. SEWER PLAN & PROFILE LINE A



PROJECT NO.  
096481004  
SHEET  
C3.8