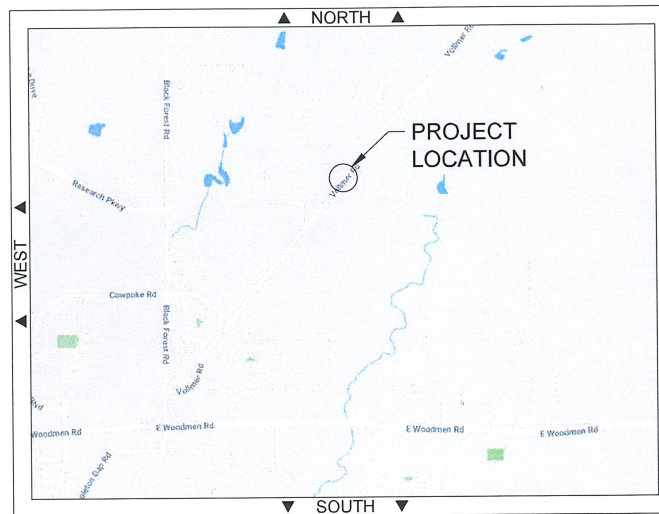


# COLORADO SPRINGS UTILITIES

## CONSTRUCTION PLANS FOR IMPROVEMENTS TO McCLINTOCK GATE STATION VOLLMER ROAD



### ENGINEERS STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION.

*Theodore E. Christensen*  
THEODORE E. CHRISTENSEN, P.E.

05-10-2021  
DATE

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METER & REGULATOR INSTALLATION  
MCCLINTOCK GATE STATION  
VOLLMER ROAD  
EL PASO COUNTY, COLORADO

JOB NUMBER: 2007	DRAWING NUMBER: 2007-TTL-001	APPROVED BY: TEC	CHECKED: JJS
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Colorado Springs Utilities

PREPARED BY:



A SEQUANTA SERVICES COMPANY

METER & REGULATOR INSTALLATION  
MCCLINTOCK GATE STATION  
VOLLMER ROAD  
EL PASO COUNTY, COLORADO

JOB NUMBER:  
2007

DRAWING NUMBER:  
2007-IDX-002

APPROVED BY:  
TEC

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NA
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GENERAL REQUIREMENTS:

1. ALL PIPELINE AND FACILITY CONSTRUCTION INCLUDING CONCRETE WORK, EXCAVATING, GRADING, EARTHWORK, ROADWAYS, FENCING, CULVERTS AND STRUCTURAL STEEL SHALL BE DONE IN ACCORDANCE WITH CONTRACT DOCUMENTS AND AS INDICATED ON THE DRAWINGS AND RELATED PERMITS. ALL FIELD MODIFICATIONS MUST BE APPROVED BY THE CSU PROJECT MANAGER OR THE PROJECT TEAM MEMBER PRIOR TO PROCEEDING.
2. ALL PIPELINE WELDS ARE TO BE NON-DESTRUCTIVELY TESTED (100% NDT).
3. ALL DIMENSIONS SHOWN ARE US FEET AND SHALL BE FIELD VERIFIED AND RECORDED ON AS-BUILT DRAWINGS
4. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENT SPECIFIED IN THE DETAIL DRAWINGS, TYPICAL DRAWINGS, CONSTRUCTION LINE LIST, CONSTRUCTION SPECIFICATIONS AND ALL OTHER PROJECT DOCUMENTS.
5. CONTRACTOR SHALL REVIEW TYPICAL CONSTRUCTION DRAWINGS AND IMPLEMENT METHODS WHERE REQUIRED.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL UNDERGROUND STRUCTURES, UTILITIES, PIPELINES AND DRAIN TILES ENCOUNTERED DURING CONSTRUCTION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND IDENTIFYING ALL UNDERGROUND STRUCTURES, UTILITIES AND PIPELINES WITHIN ALL WORK AREAS. THE CONTRACTOR IS TO CONTACT THE COLORADO ONE-CALL CENTER AND USE ITS SERVICES TO LOCATE AND IDENTIFY THESE UNDERGROUND STRUCTURES, UTILITIES AND PIPELINES. PRIOR TO CONSTRUCTION, CONTRACTOR IS TO COMPLY WITH ALL PERMIT DOCUMENTS AND TO CONTACT THE OWNERS AND OPERATORS OF THE IDENTIFIED UNDERGROUND STRUCTURES, UTILITIES AND PIPELINES AS NOTED IN THE PERMIT DOCUMENTS AND INFORM THE OWNERS AND OPERATORS OF THE PENDING CONSTRUCTION PLANS, ACTIVITIES AND SCHEDULE; THE CONTRACTOR IS TO THEN FIELD VERIFY LOCATION AND DEPTHS OF THE AFFECTED UNDERGROUND STRUCTURES, UTILITIES AND PIPELINES.

7. EXISTING UTILITIES AS SHOWN ON THESE DRAWINGS ARE FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES THAT MAY BE AFFECTED BY THE PROJECT.
8. THE INFORMATION SHOWN IN THESE DRAWINGS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.
9. CONTRACTOR SHALL PERFORM FIELD CHECKS FOR COORDINATES, ELEVATIONS, AND DIMENSIONAL VERIFICATION OF DRAWINGS PRIOR TO FABRICATING PIPING SYSTEMS AND POURING OF CONCRETE FOUNDATIONS.
10. WORK MATS OR OTHER APPROVED PROTECTION ARE TO BE INSTALLED OVER FOREIGN LINES AS REQUIRED BY PERMIT AND TYPICAL DRAWINGS. OWNERS OF FOREIGN PIPELINES SHALL BE NOTIFIED AS REQUIRED IN PERMIT DOCUMENTS AND TYPICAL DRAWINGS, PRIOR TO BEGINNING WORK.
11. THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) SAFETY AND HEALTH STANDARDS (29 CFR PART 1926) REQUIRE THAT EXCAVATIONS BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT OSHA GUIDELINES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE TEMPORARY EXCAVATIONS AND SHOULD SHORE, SLOPE, OR BENCH THE SIDES OF THE EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATION SIDES AND BOTTOM. THE CONTRACTOR'S "RESPONSIBLE PERSON", AS DEFINED IN 29 CFR PART 1926, SHOULD EVALUATE THE SOIL EXPOSED IN THE EXCAVATIONS AS PART OF THE CONTRACTOR'S SAFETY PROCEDURES. IN NO CASE SHOULD THE SLOPE HEIGHT, SLOPE INCLINATION, OR EXCAVATION DEPTH, INCLUDING UTILITY TRENCH EXCAVATION DEPTH, EXCEED THOSE SPECIFIED IN LOCAL, STATE AND FEDERAL SAFETY REGULATIONS.

CATHODIC PROTECTION:

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12. CATHODIC PROTECTION TEST LEADS SHALL BE INSTALLED AS SHOWN ON DRAWINGS AND/OR AS DIRECTED BY THE CSU PROJECT MANAGER OR THE PROJECT TEAM MEMBER. TEST STATIONS TO BE INSTALLED NEAR PROPERTY LINES OR FENCES.

CONSTRUCTION WORK SPACE:

13. CONSTRUCTION WORKSPACE AND WORK AREAS ARE WITHIN THE FENCED BOUNDARIES OF THE McCLINTOCK GATE STATION AS PERMITTED BY COLORADO SPRINGS UTILITIES AND KINDER MORGAN. IN NO EVENT SHALL THE WORK AREA EXCEED THE DESCRIPTION UNLESS SPECIFICALLY AUTHORIZED BY THE CSU PROJECT MANAGER OR THE PROJECT TEAM MEMBER.
14. CONSTRUCTION WORKSPACE CONFIGURATION SHALL BE AS SHOWN ON CONSTRUCTION TYPICALS, UNLESS OTHERWISE DIRECTED OR APPROVED BY THE CSU PROJECT MANAGER OR THE PROJECT TEAM MEMBER.
15. MINIMUM LINE PIPE COVER IS 36-INCHES UNLESS OTHERWISE NOTED.

SEPARATION FROM OTHER STRUCTURES:

16. THE MINIMUM CLEARANCE BETWEEN THE PROPOSED PIPELINE AT FOREIGN PIPELINE CROSSINGS SHALL BE 24 INCHES UNLESS OTHERWISE NOTED ON THE DRAWING. PIPELINE PARALLEL TO ANY OTHER UNDERGROUND FACILITY MUST BE INSTALLED WITH AT LEAST 5 FEET OF SEPARATION FROM ANY OTHER UNDERGROUND STRUCTURE/UTILITY NOT ASSOCIATED WITH THE PIPELINE UNLESS NOTED ON THE DRAWINGS.

RESTORATION AND CLEAN UP:

17. CONTRACTOR SHALL REFERENCE CONSTRUCTION SPECIFICATIONS FOR RESTORATION TECHNIQUES.

HYDROSTATIC TEST REQUIREMENTS:

18. HYDROSTATIC TEST SHALL MEET THE REQUIREMENTS OF 49CFR, §192 SUBPART J AND SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROJECT HYDRO-TEST PLAN.

PAINTING AND COATING REQUIREMENTS:

19. FIELD COATING OF LINE PIPE IS TO BE IN COMPLIANCE WITH CONSTRUCTION SPECIFICATIONS.

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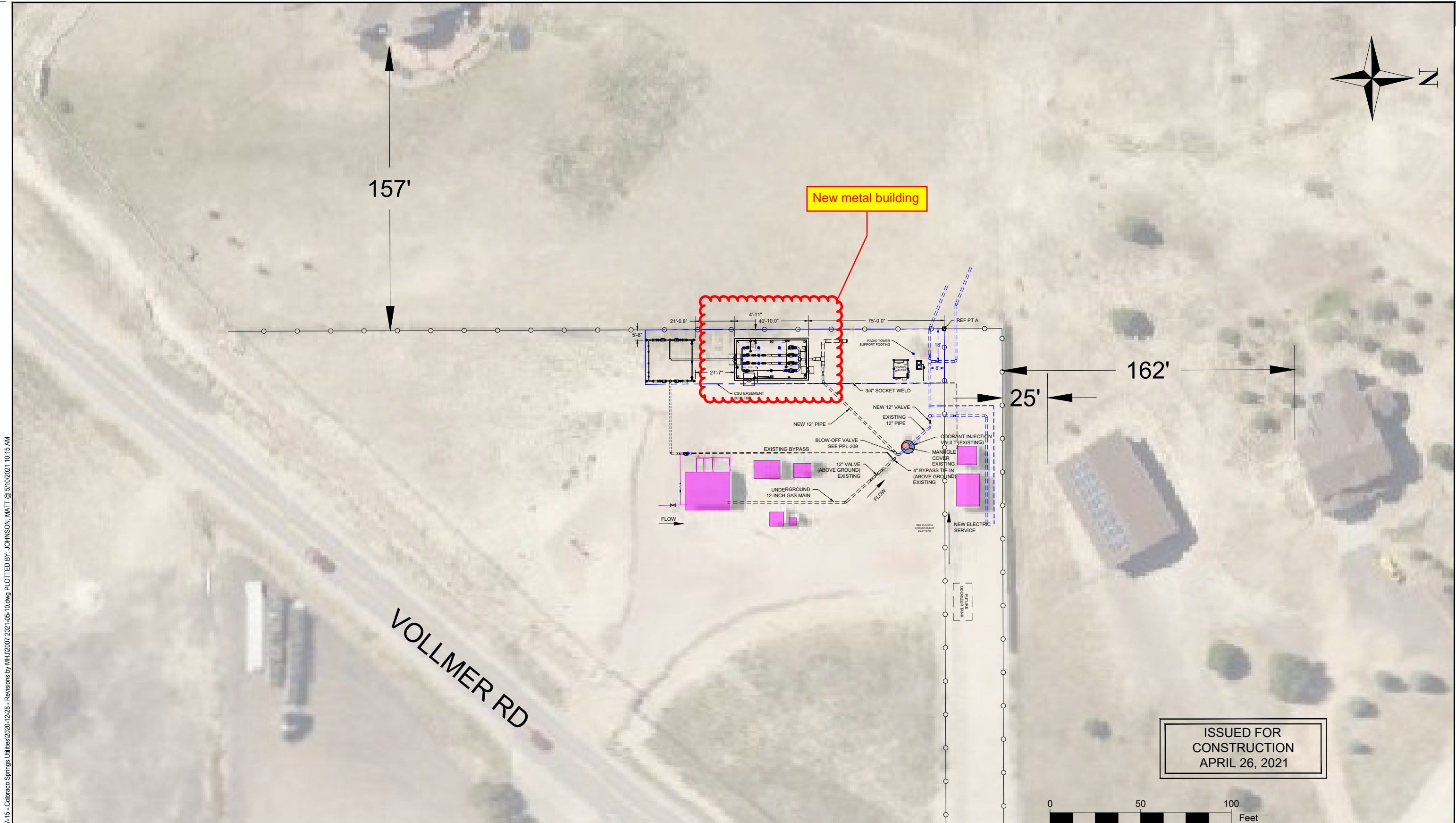


GENERAL NOTES  
MCCLINTOCK GATE STATION  
VOLLMER ROAD  
EL PASO COUNTY, COLORADO

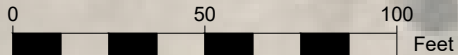
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McCLINTOCK STATION  
SITE PLAN

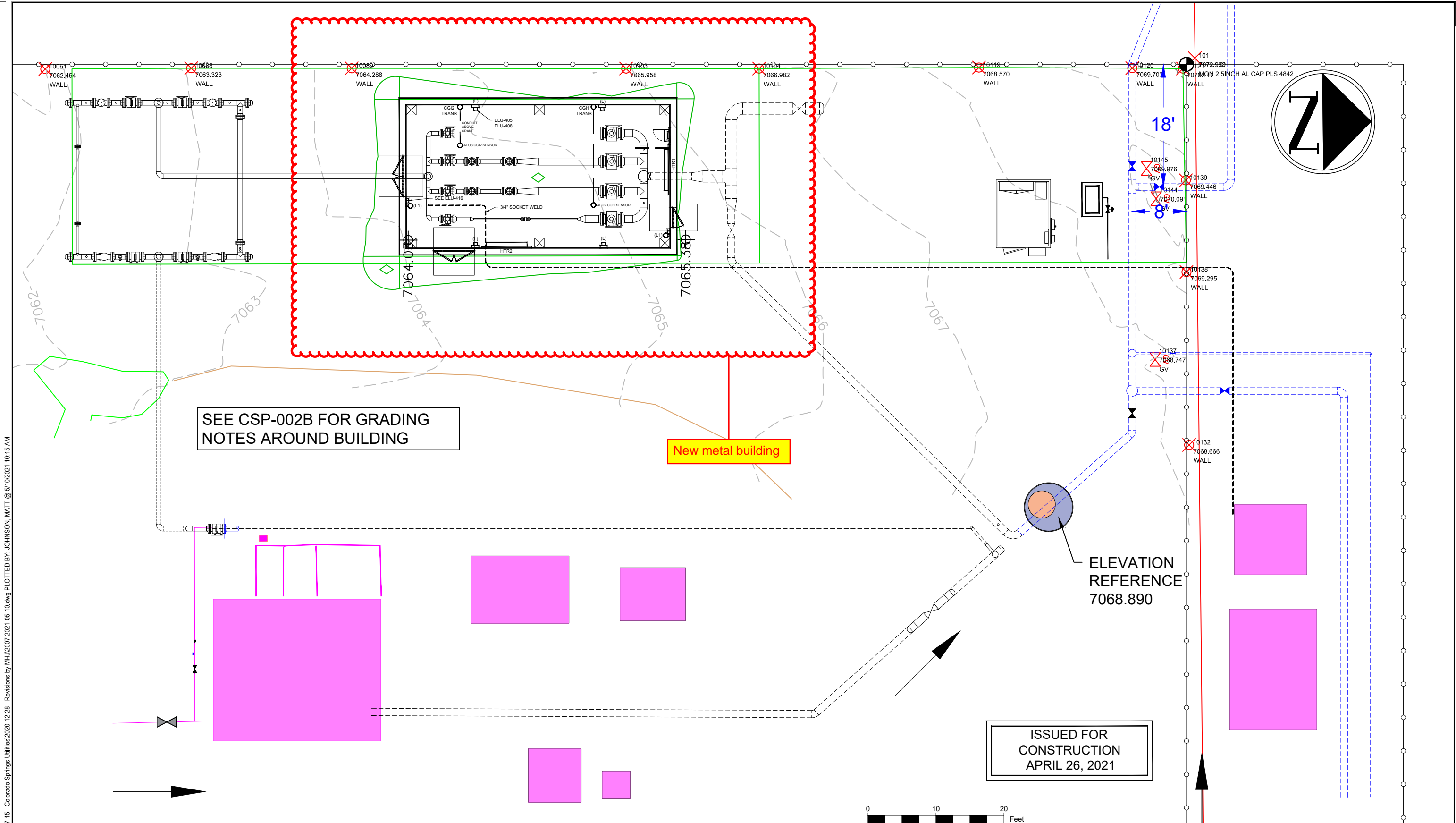
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GRADING  
McCLINTOCK STATION

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