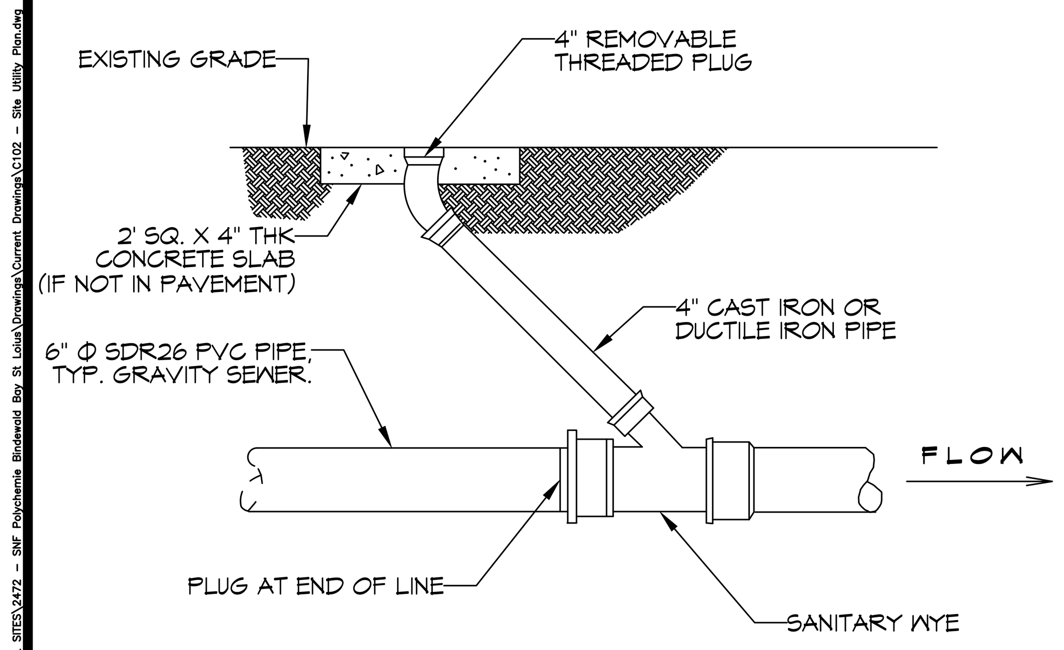
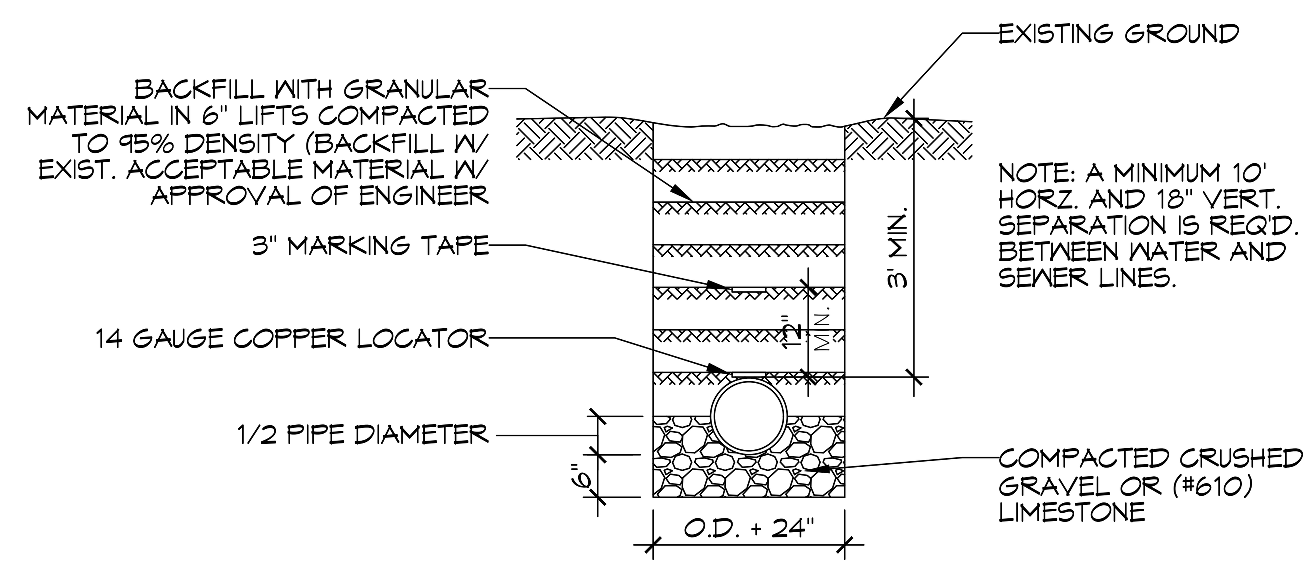
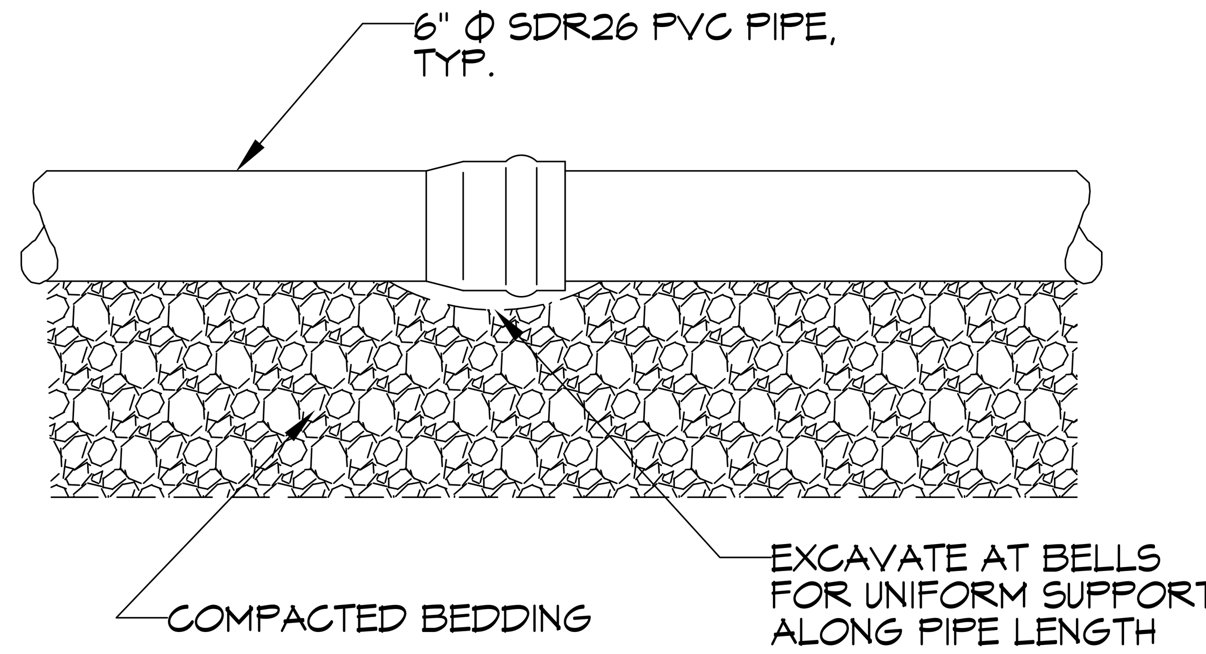



SEWER CLEAN OUT
SCALE: N.T.S.



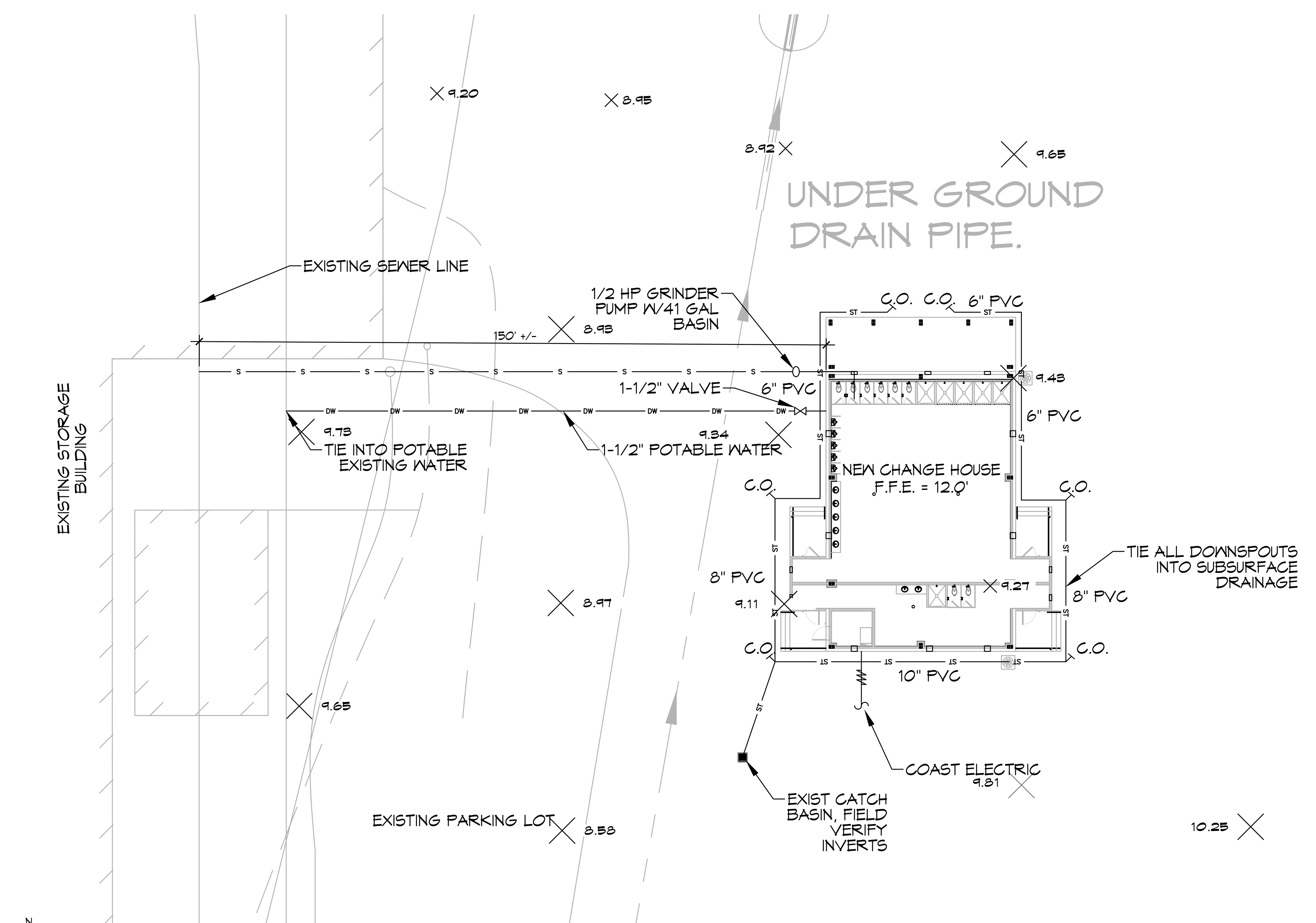

PIPE BEDDING
SCALE: N.T.S.



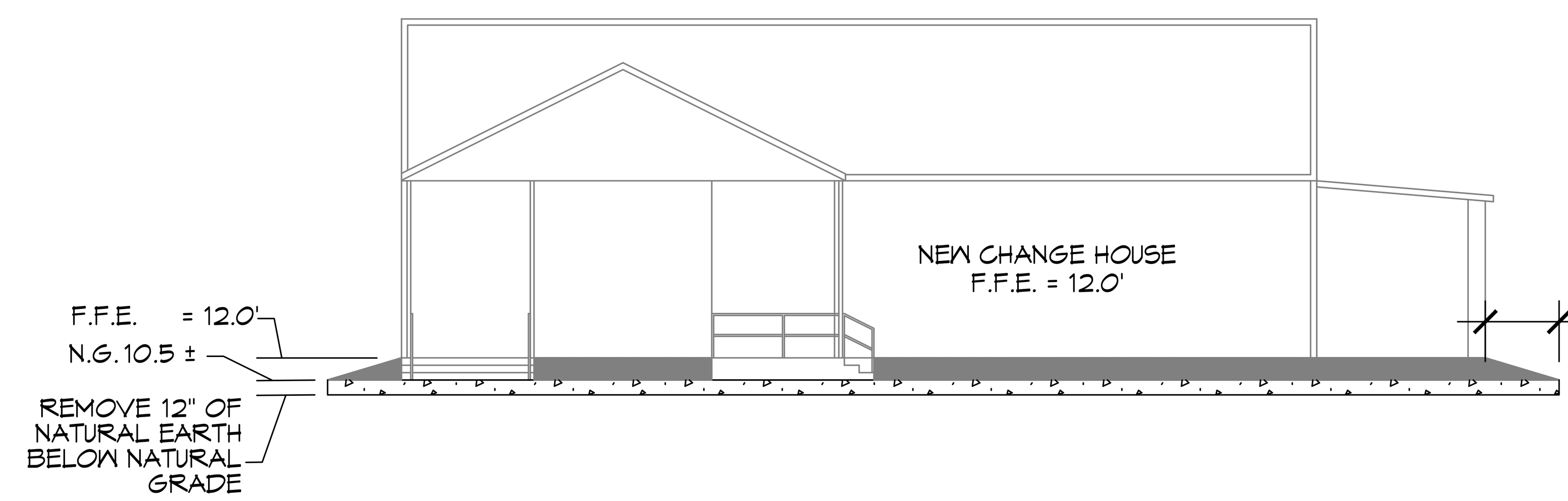

SEWER LINE
SCALE: NTS

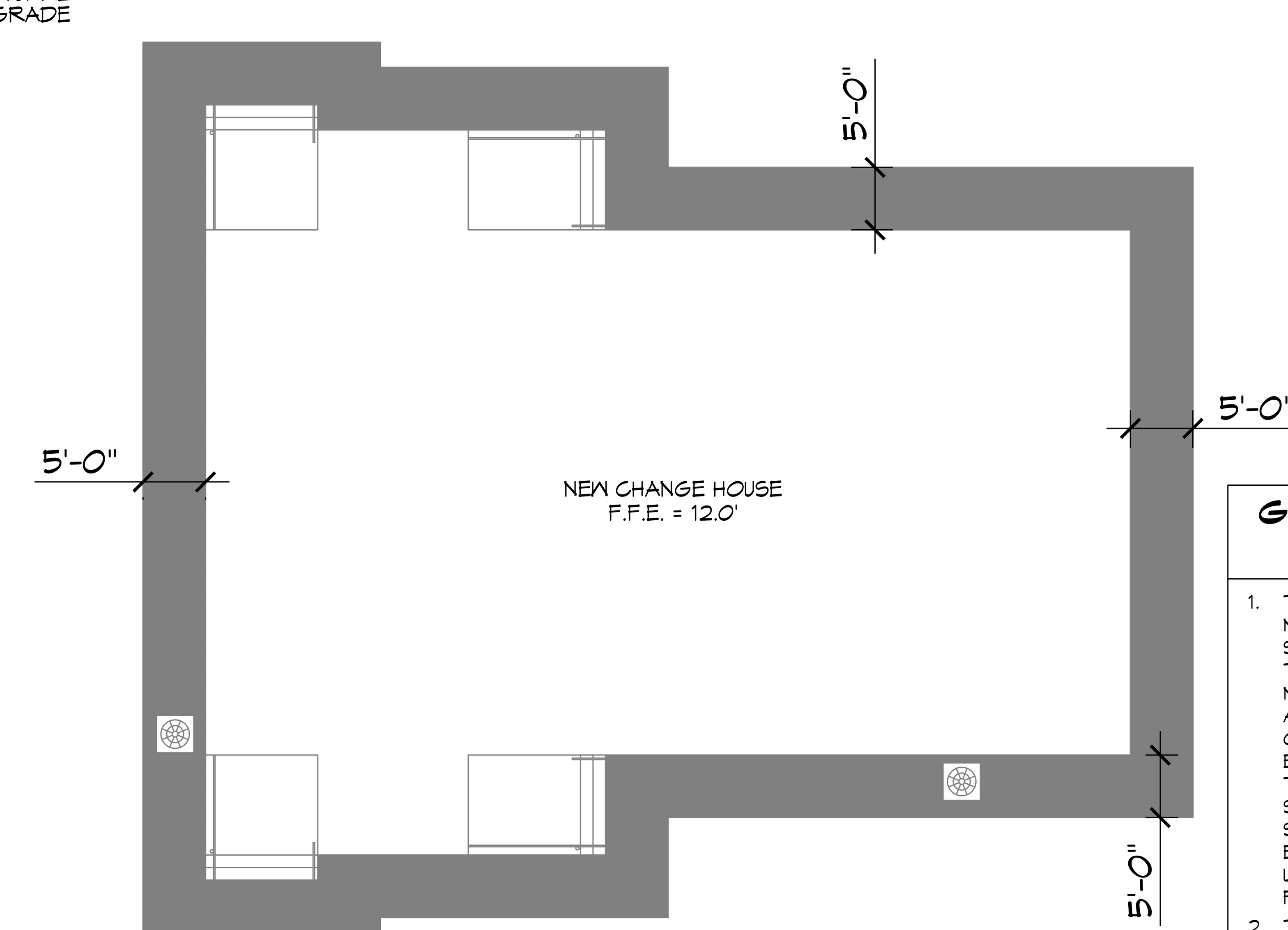
## GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SECURITY TO PROTECT THE PROJECT SITE, CONTRACTOR PROPERTY, EQUIPMENT, AND WORK.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR, WITH CONCURRENCE FROM THE OWNER/ENGINEER, SHALL DETERMINE THE LAY-DOWN AND/OR STAGING AREA LOCATION(S).
3. THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNER(S) A MINIMUM OF 24 HOURS PRIOR TO BLOCKING DRIVEWAYS OR ENTERING UTILITY EASEMENTS.
4. EXISTING UTILITIES AND OTHER SITE IMPROVEMENTS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. PRIOR TO EXCAVATING, THE CONTRACTOR SHALL FIELD LOCATE (INCLUDING DEPTHS) ALL EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION.
5. WHEN THE CONTRACTOR DISCOVERS ANY CONFLICT BETWEEN THE DESIGN LOCATION OF WORK UNDER THIS CONTRACT AND AN EXISTING UTILITY, HE SHALL NOTIFY THE OWNER AND THE ENGINEER OF THE CONFLICT IMMEDIATELY.
6. IF THE CONTRACTOR ENCOUNTERS ANY UNDOCUMENTED UTILITIES, OR OTHER HIDDEN SITE IMPROVEMENTS, HE SHALL NOTIFY THE OWNER AND THE ENGINEER OF THE CONFLICT IMMEDIATELY.
7. ALL EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF DAMAGE TO UTILITIES SHOWN HEREIN AT HIS EXPENSE.
8. THE REMOVAL OF ANY ABANDONED UTILITIES REQUIRED TO COMPLETE THE WORK SHALL BE INCIDENTAL AND AT NO ADDITIONAL EXPENSE TO THE OWNER.
9. CONTRACTOR SHALL MINIMIZE CONSTRUCTION RELATED MUD AND DEBRIS ON SURFACES ADJACENT TO THE PROJECT SITE - LANDSCAPE, STREETS, DRIVES, SIDEWALKS, ETC.
10. TRENCHES AND OPEN EXCAVATIONS SHALL BE APPROPRIATELY MARKED AND PROTECTED BY THE CONTRACTOR. NO TRENCHES OR EXCAVATIONS SHALL REMAIN UNPROTECTED OVERNIGHT. CONTRACTOR SHALL PROVIDE PROTECTION SUFFICIENT TO MAINTAIN PUBLIC SAFETY, IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION AND OSHA REGULATIONS AS WELL AS ANY REQUIREMENTS OF THE OWNER.
11. UTILITY TRENCHES SHALL BE SHORED IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION (AHJ) AND OSHA 29 CFR PART 1926.
12. CONTRACTOR IS RESPONSIBLE FOR CONTROL OF EROSION IN ACCORDANCE WITH THESE DOCUMENTS.
13. THE CONTRACTOR SHALL ADHERE TO THE NOISE ORDINANCES OF THE AREA.
14. THE CONTRACTOR SHALL ADHERE TO THE OWNER'S REQUIREMENTS FOR CONSTRUCTION PARKING AND SHALL REQUIRE THAT THEIR EMPLOYEES AND ALL SUB-TRADE EMPLOYEES PARK ONLY IN DESIGNATED AREA(S). THE OWNER WILL ADVISE THE CONTRACTOR ON THE SPECIFICS OF THESE REQUIREMENTS.
15. THE CONTRACTOR SHALL ADHERE TO THE OWNER'S CONSTRUCTION RULES OF CONDUCT IF SUCH EXISTS.
16. IRON RODS DISTURBED DURING CONSTRUCTION ARE TO BE REPLACED BY A REGISTERED PUBLIC LAND SURVEYOR FOR THE ORIGINAL PROPERTY OWNER AT NO ADDITIONAL EXPENSE TO THE OWNER.
17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STOCKPILE ALL NECESSARY MATERIAL ON-SITE OR AT A SECURED OFF-SITE LOCATION AT NO ADDITIONAL EXPENSE TO THE OWNER. ANY SUITABLE EXCAVATED MATERIAL ON THE PROJECT WHICH IS AVAILABLE AT THE TIME, WHETHER FROM STORM SEWER, ROADWAY AND/OR CHANNEL EXCAVATION, SHALL BE USED BEFORE BORROW IS BROUGHT ON-SITE.




3 SITE UITILITY PLAN
SCALE: 1" = 20'-0"




4 FILL PLAN
SCALE: 1" = 20'-0"

## GENERAL SITEPREP NOTES

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 12 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE EXPOSED SUBGRADE IN THE BUILDING AREA SHALL BE PROOF-ROLLED WITH A RUBBER TIRED VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL. MUCK OUT AND FILL 24" MINIMUM.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO SLOPING.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| # | DESCRIPTION | REVISIONS | DATE |
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| JOB No: | 2412 | DATE: | 04-04-2023 |
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SHEET TITLE:
SITE UTILITY AND DRAINAGE PLAN

DRAWING NUMBER:
C102

SHEET No: 3 of 15