

ABBREVIATIONS

Table with 2 columns: Abbreviation and Description. Includes BC (Back of Curb), CC (Standard Catch Curb), CL (Center Line), CMP (Corrugated Metal Pipe), EP (Edge of Pavement), EX (Existing), FES (Flared End Section), FL (Flow Line), GT (Gutter Invert), GY (Guy Wire), HDPE (High Density Polyethylene), INV (Invert), LF (Linear Feet), MC (Mountable Curb), R/W (Right-of-Way), RCP (Reinforced Concrete Pipe), SC (Spill Curb), TB (Top of Base Rock), TC (Top of Curb), TG (Top of Ground), TP (Top of Pavement), TS (Top of Sidewalk), TV (Top of Wall), TGV (Top of Gravel), and EX TP (Existing Top of Pavement).

CIVIL LEGENDS

SYMBOLS

Table with 2 columns: Symbol and Description. Includes Marker Stone, Right of Way Marker, Iron Pin Found, Iron Pin Set, Cut Cross, Control Point, Benchmark, Sanitary Sewer Manhole, Storm Sewer Inlet, Telephone Manhole, Power Pole, Guy Anchor, Light Pole, Telephone Riser, Gas Valve, Gas Meter, Water Valve, Water Meter, Fire Hydrant, Irrigation Valve, Well, Mail Box, Post, Cleanout, Sign, and Air Conditioning Unit.

LINETYPES

Table with 2 columns: Linetype and Description. Includes PL (Property Line), RW (Right of Way Line), S (Sanitary Sewer Line), FM (Sanitary Sewer Force Main), ST (Storm Sewer Line), IRR (Irrigation Water Line), FL (Flow Line), OHE (Overhead Electric Line), UE (Underground Electric Line), G (Gas Line), W (Water Line), C (Communications Line), T (Telephone Line), FO (Fiber Optic Line), CTV (Cable Television), O (Plastic Fence), X (Barbed Wire Fence), D (Wood Fence), 1000 (Existing Major Contour), 1001 (Existing Minor Contour), 1000 (Proposed Major Contour), 1001 (Proposed Minor Contour), and Tree Line.

OMITTED



GENERAL CIVIL NOTES

- 1. THE GENERAL NOTES ON THE DRAWINGS ARE INTENDED TO SUPPLEMENT THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS. WHEN THE NOTES ON THE DRAWINGS CONFLICT WITH THE TECHNICAL REQUIREMENTS OUTLINED IN THE SPECIFICATIONS, THE MORE STRINGENT CRITERIA WILL GOVERN.
2. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THESE DRAWINGS, THE PROJECT TECHNICAL SPECIFICATIONS, AND THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE LOCAL AUTHORITY, UNLESS OTHERWISE NOTED.
3. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). DURING CONSTRUCTION, ACCESS SHALL BE MAINTAINED FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC. THE FIRE, POLICE AND AMBULANCE DEPARTMENTS, SCHOOL BUS COMPANIES AND POST OFFICE ARE TO BE NOTIFIED 48 HOURS PRIOR TO ANY ROAD CLOSINGS.
4. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES OR GRADING ACTIVITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
5. EXISTING UNDERGROUND UTILITIES IN THE VICINITY OF THE WORK TO BE DONE ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE OR DISCOVERED BY THE ENGINEER IN PREPARATION OF THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES, INCLUDING SERVICE CONNECTIONS, IN ADVANCE OF CONSTRUCTION ACTIVITIES BY CONTACTING THE OWNERS THEREOF AND BY PROSPECTING. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE OWNER AND ENGINEER IN WRITING OF ANY DISCREPANCIES WITH THE PLAN INFORMATION. ALL DAMAGE TO EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS, SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND ENGINEER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND OWNER WILL PAY ALL FEES AS REQUIRED BY PERMITS FOR THIS CONSTRUCTION.
8. ALL WORK WITHIN ROAD RIGHT OF WAY SHALL CONFORM TO EITHER THE LOCAL JURISDICTION OR THE STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS; WHICH EVER IS APPLICABLE.
9. ALL TRENCHES CROSSING THROUGH PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED CRUSHED STONE MATERIAL AS PER PROJECT DETAILS AND SPECIFICATIONS.
10. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
11. ANY ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS SHOWN ON PLANS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS IN THE VICINITY OF THE JOB CLEAN AND FREE OF ROCKS, SOIL AND DEBRIS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE RIGHT OF WAY AND FOR DAMAGED IMPROVEMENTS SUCH AS CURBS, SIDEWALKS, STREET LIGHT AND TRAFFIC SIGNAL JUNCTION BOXES, TRAFFIC SIGNAL LOOP WIRING, SIGNAL POLES AND ETC. DAMAGED IMPROVEMENTS SHALL BE REPAIRED IN CONFORMANCE WITH THE LATEST CITY AND STATE REGULATIONS AND TO THEIR SATISFACTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION AS OUTLINED IN THE EROSION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). IF APPLICABLE, EROSION CONTROL PROCEDURES SHALL BE IN PLACE PRIOR TO GRADING ACTIVITIES.
15. THE CONTRACTOR SHALL CLEAN OUT ALL INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT THE COMPLETION OF SITE WORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER AND LOCAL JURISDICTION.
16. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS. ANY PROPERTY CORNERS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED, AT THE CONTRACTOR'S EXPENSE.
17. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, AND ONE (1) COPY OF THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE SITE AT ALL TIMES.
18. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS AND/OR INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. NO EXTRA COSTS WILL BE PAID TO THE CONTRACTOR DUE TO UNANTICIPATED EXISTING CONDITIONS AND/OR INSTALLATIONS. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COSTS TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.

DEMOLITION NOTES

JOB CONDITIONS

- 1. THE OWNER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL CONDITION OF ANY STRUCTURES TO BE DEMOLISHED.
2. ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED FROM THE PROJECT SITE AT THE APPROVAL OF THE OWNER. TRANSPORT THE SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED ON THIS PROJECT.
4. THE CONTRACTOR SHALL CONDUCT THE DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
5. THE CONTRACTOR SHALL INSURE SAFE PASSAGE OF PERSONS AROUND THE DEMOLITION AREA. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDING STRUCTURES AND OTHER FACILITIES THAT ARE TO REMAIN, AND INJURY TO PERSONS.
6. PROVIDE INTERNAL AND EXTERNAL SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY STRUCTURES TO BE DEMOLISHED AND ANY ADJACENT FACILITIES TO REMAIN.
7. MAINTAIN EXISTING UTILITIES INDICATED TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT ALL UTILITIES SERVING ANY STRUCTURES TO BE DEMOLISHED, PRIOR TO START OF DEMOLITION WORK.

DEMOLITION

- 1. POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR. COMPLY WITH GOVERNMENT REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
2. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITIONS AS THEY EXIST PRIOR TO START OF WORK.
3. BREAK UP AND REMOVE CONCRETE SLABS ON GRADE, UNLESS OTHERWISE SHOWN TO REMAIN.
4. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND OTHER BELOW GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 12" BELOW THE LOWEST FOUNDATION LEVEL.
5. FILLING VOIDS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION AS OUTLINED BELOW.
6. USE SATISFACTORY SOIL MATERIALS AS DEFINED IN THE GEOTECHNICAL ENGINEER'S REPORT, CONSISTING OF STONE, GRAVEL AND SAND, FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS AND OTHER ORGANIC MATTER.
7. PRIOR TO PLACEMENT OF FILL MATERIAL, ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST OR FROZEN MATERIAL, TRASH AND DEBRIS.
8. PLACE FILL MATERIAL IN HORIZONTAL LAYERS AT DEPTHS AND MOISTURE CONTENTS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEERING REPORT.
9. AFTER FILL PLACEMENT AND COMPACTION, GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE FLOW TO SURFACE STRUCTURES.
10. ALL TREES INDICATED TO BE REMOVED SHALL BE REMOVED IN ACCORDANCE WITH THE STATE PARKS AND WILDLIFE'S WILD HABITAT ASSESSMENT PROGRAM FOR THE SITE PER PROJECT SPECIFICATIONS. TREES ON THE SITE MAY BE SAFELY REMOVED FROM NOVEMBER 1 THROUGH MARCH 31. IF ANY TREES NEED TO BE REMOVED OUTSIDE OF THIS TIMEFRAME, CONTRACTOR SHALL FOLLOW BEST PRACTICES AS PRESCRIBED BY THE US FISH AND WILDLIFE SERVICE TO PRESERVE THE HABITAT OF ANY ENDANGERED SPECIES POTENTIALLY PRESENT ON SITE.

DISPOSAL OF DEMOLISHED MATERIALS

- 1. REMOVE FROM SITE ACCUMULATED VEGETATION, DEBRIS, RUBBISH AND OTHER MATERIAL RESULTING FROM THE DEMOLITION OPERATION.
2. BURNING OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES AND VEGETATION WILL NOT BE PERMITTED ON SITE.
3. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES, VEGETATION, PAVEMENT AND BASE ROCK AND LEGALLY DISPOSE OFF SITE.

PROTECTION OF EXISTING STRUCTURES AND VEGETATION

- 1. CONTRACTOR SHALL INSTALL 6" STEEL FENCE POSTS, DRIVEN 18" INTO THE GROUND, AT 10' ON CENTER AT TREE DRIP LINES AND INSTALL 4' TENAX ORANGE WARNING BARRIER, OR EQUAL, ATTACHED AS RECOMMENDED BY THE MANUFACTURER, TO PROTECT EXISTING TREES DURING CONSTRUCTION. CONTRACTOR SHALL REMOVE POSTS AND FENCE FABRIC AFTER ALL CONSTRUCTION IS COMPLETE.

SEDIMENT & EROSION CONTROL NOTES

- 1. THE EROSION CONTROL PLAN SHOWS THE LOCATION AND DETAILS FOR PRIMARY EROSION CONTROLS TO BE CONSTRUCTED. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING EROSION AND DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE NECESSARY MEASURES DURING ALL PHASES OF HIS OPERATIONS REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THE EROSION CONTROL PLAN AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING THE COURSE OF HIS OPERATIONS.
2. INITIAL SEDIMENT CONTROLS SHOWN ON THE EROSION CONTROL PLAN MUST BE INSTALLED PRIOR TO ANY OTHER WORK.
3. THE CONTRACTOR SHALL CLEAN ALL STREETS BOTH INTERIOR AND ADJACENT TO THE SITE, AS NEEDED AFTER EACH RAINFALL AND AT THE END OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST DURING CONSTRUCTION AND SHALL WATER CONSTRUCTION AREAS WHENEVER CONDITIONS WARRANT.
5. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING SILT FROM STORM DRAINS, INLETS, CULVERTS, ETC. PRIOR TO APPROVAL OF CONSTRUCTION.
6. ALL DISTURBED AREAS NOT RECEIVING OTHER PERMANENT STABILIZATION SUCH AS PAVEMENT, ROOFS, SOIL AND ETC., SHALL BE SEEDED AND MULCHED, AS PER THE PROJECT SPECIFICATIONS BEFORE TEMPORARY SEDIMENT CONTROLS CAN BE REMOVED AND PRIOR TO FINAL APPROVAL OF CONSTRUCTION.
7. IF APPLICABLE THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS AS PUT FORTH IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL BE CONSIDERED AS A STARTING POINT FOR SEDIMENT AND EROSION CONTROLS AND THE CONTRACTOR WILL BE RESPONSIBLE FOR REVISING AND UPDATING EROSION CONTROLS AS SITE CONDITIONS CHANGE DURING THE COURSE OF CONSTRUCTION.

UTILITY CONSTRUCTION NOTES

- 1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING UTILITY CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
2. ALL TRENCHES CROSSING PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED BEDDING MATERIAL IN CONFORMANCE WITH PROJECT DETAILS AND SPECIFICATIONS.
3. ALL UTILITY CONSTRUCTION AND MATERIALS SHALL BE IN CONFORMANCE WITH CITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS AND STANDARD PLANS AND SPECIFICATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS NOT OBTAINED BY THE OWNER.
5. INSTALL TRACER WIRE WITH ALL SANITARY SEWER AND POTABLE WATER UTILITIES AS REQUIRED. CONNECT TRACER WIRE TO EXISTING TRACER WIRE AND STUB UP END OF THE TRACER WIRE AT THE ENDS OF RUNS IN ACCORDANCE WITH UTILITY OWNERS SPECIFICATIONS.
6. ALL PVC PIPE, JOINTS AND FITTINGS SHALL BE ADS N-12 OR EQUAL. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
7. COORDINATE THE INSTALLATION OF THE STORM SEWER WITH THE INSTALLATION OF THE POTABLE WATER, COMMUNICATION, ELECTRIC AND SANITARY SEWER TO AVOID CONFLICTS.
8. EARTHWORK SHALL BE PLACED TO FINISH GRADE IN THE IMMEDIATE AREA OF UTILITIES PRIOR TO CONSTRUCTION OF UTILITIES TO INSURE PROPER DEPTH OF COVER FOR UTILITIES.
9. ALL MATERIALS TO BE SUPPLIED AND LABOR TO BE DONE BY CONTRACTOR SHALL BE COMPLETED AS A PART OF THIS WORK, UNLESS STATED OTHERWISE.
10. ALL UTILITY SERVICE LINES SHALL BE KEPT IN SERVICE AND PROTECTED DURING CONSTRUCTION OPERATIONS. THE DRAWINGS INDICATE THE LOCATION OF KNOWN EXISTING UTILITY SERVICE LINES AS COULD BE DETERMINED.
11. ANY RELOCATION OF UTILITY SERVICE LINES THAT ARE REQUIRED TO COMPLETE THE PROJECT IS TO BE COMPLETED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND IS TO BE CONSIDERED SUBSIDIARY TO OTHER PROJECT COSTS.
12. ALL WATER, SEWER, FIBER OPTIC CABLE, GAS SERVICE AND OTHER UTILITY REQUIREMENTS SHALL BE COORDINATED WITH THE APPROPRIATE LOCAL UTILITY PROVIDERS PRIOR TO INSTALLATION. ALL COSTS ASSOCIATED WITH THE WATER, SEWER, FIBER OPTIC CABLE, GAS SERVICE ENTRANCE AND OTHER UTILITY REQUIREMENTS SHALL BE BORNE BY THE CONTRACTOR, INCLUDING THOSE COSTS, IF ANY, FROM THE LOCAL UTILITY PROVIDERS AND INCLUDE ALL COSTS ASSOCIATED WITH WORK PERFORMED BY THE LOCAL UTILITY PROVIDERS AND CONNECTION FEES INTO THEIR BID.
13. DRIVE THRU ORDER FACILITY AND OTHER OUTDOOR SPEAKERS SHALL NOT PRODUCE ANY SOUND EXCEEDING 80DB AT A STRAIGHT-LINE DISTANCE OF 100 FEET OR GREATER OR AT ANY PROPERTY LINE ABUTTING A RESIDENTIAL USE, UP TO A HEIGHT OF EIGHT FEET ABOVE THE GROUND AT SUCH PROPERTY LINE.
14. SHOULD THERE RESULT IN LIGHTING CONCERNS WITH THE LED FLEX LIGHT PLACED ALONG THE SOFFIT AT THE TOP OF THE BUILDING'S PARAPET WALL BEING LEFT ON AFTER BUSINESS HOURS, THE BUSINESS SHALL TURN OFF THIS LIGHTING AFTER HOURS IF REQUESTED BY THE CITY.

SITE GRADING NOTES

- 1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING SITE GRADING ACTIVITIES. DURING GRADING ACTIVITIES THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
2. CONTRACTOR SHALL USE CAUTION AROUND ALL EXISTING UTILITIES LOCATED ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY CONSTRUCTION.
3. SEDIMENT AND EROSION CONTROLS IN CONFORMANCE WITH THE EROSION CONTROL PLAN AND THE APPLICABLE SPECIFICATIONS SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES.
4. CONTRACTOR SHALL STRIP THE TOPSOIL FROM ALL AREAS TO BE DISTURBED AND STOCKPILE IT IN A LOCATION CHOSEN BY THE OWNER PRIOR TO BEGINNING SITE GRADING. OWNER SHALL BE CONTACTED TO DETERMINE WHAT SHALL BE DONE WITH EXCESS TOPSOIL. PROPER DRAINAGE OF THE STOCKPILES SHALL BE MAINTAINED.
5. THE SUBGRADE FOR THE PROJECT SITE SHALL BE COMPACTED TO 95% STANDARD PROCTOR AS DETERMINED BY ASTM-D698. COMPACTION SHALL BE ACCOMPLISHED AT MOISTURE CONTENTS AS SPECIFIED IN THE GEOTECHNICAL ENGINEER'S REPORT. ALL SOFT AREAS FOUND DURING COMPACTION SHALL BE REMEDIATED IN CONFORMANCE WITH THE GEOTECHNICAL ENGINEER'S REPORT.
6. STONES OR BOULDERS MEASURING GREATER THAN 12" IN ANY DIMENSION SHALL NOT BE PLACED IN THE UPPER 3 FEET OF THE FILL. IN STUMP HOLES, AROUND PIPE AND STRUCTURES AND IN OTHER RESTRICTED AREAS WHERE IT IS NOT PRACTICAL TO USE A ROLLER, THE MATERIAL SHALL BE COMPACTED BY HAND.
7. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING AND CORRECTING UNSUITABLE SOIL CONDITIONS RELATED TO WET SOILS AND OTHER CONDITIONS. THE UNSUITABLE CONDITIONS MUST BE CORRECTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT, WHERE REQUIRED, TO MEET PROJECT NEEDS.
8. CONTRACTOR SHALL NOTIFY THE OWNERS OR THEIR REPRESENTATIVE FOR INSPECTION PRIOR TO PLACEMENT OF CRUSHED STONE BASE AND ALSO PRIOR TO PLACEMENT OF PAVEMENT MATERIALS.
9. THE CONTOURS, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS ETC. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT FOR GRADING LINE ELEVATIONS.
10. CONTRACTOR SHALL FINISH GRADE EARTH SLOPES AS SHOWN TO NO STEEPER THAN 1 FOOT VERTICAL TO 3 FEET HORIZONTAL.
11. CONTRACTOR SHALL GRADE LANDSCAPED AREAS AT A MINIMUM OF 1% TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL EARTHWORK QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS AS SHOWN ON THE PLANS. NO EXTRA PAYMENT WILL BE MADE FOR OBTAINING FILL MATERIAL FROM OFF-SITE AREAS REQUIRED TO CONSTRUCT FILL TO THE LINES AND GRADES INDICATED ON THE DRAWINGS.
13. NO CLASSIFICATION OF EXCAVATED MATERIALS WILL BE MADE UNLESS OTHERWISE SPECIFIED IN THE PROJECT DOCUMENTS. EXCAVATION WORK SHALL INCLUDE THE REMOVAL AND SUBSEQUENT HANDLING OF ALL MATERIALS EXCAVATED OR OTHERWISE REMOVED FOR THE PERFORMANCE OF THE WORK, REGARDLESS OF TYPE, CHARACTER, COMPOSITION OR CONDITION THEREOF. NO ADDITIONAL PAYMENT WILL BE MADE FOR ROCK EXCAVATIONS UNLESS OTHERWISE SPECIFIED IN THE PROJECT DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING THE AMOUNT OF ROCK EXCAVATION, IF ANY, TO BE INCLUDED IN HIS BID.
14. ALL DISTURBED AREAS, NOT RECEIVING PERMANENT STABILIZATION, SHALL HAVE 4" OF TOPSOIL REPLACED, TO LEAVE A SMOOTH SEEDBED SUITABLE TO RECEIVE SEED SURFACE ROCK 1-1/2" OR GREATER IN ANY DIMENSION SHALL BE REMOVED FROM ALL FINISH GRADED AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEEDING WORK.
15. THE CONTRACTOR SHALL GRADE ALL AREAS DISTURBED DURING THE COMPLETION OF THIS PROJECT TO PREVENT PONDING OR EROSION ON THIS SITE OR ADJACENT UNDISTURBED AREAS.
16. ALL ITEMS REMOVED SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES.
17. PRIOR TO MOVING OFF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO MAKE A FINAL REVIEW OF THE CONSTRUCTION SITE.
18. IN THE EVENT THAT BLASTING IS PERMITTED ON THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, APPLICABLE SAFETY CODE REQUIREMENTS AND REGULATIONS RELATIVE TO THE HANDLING, STORAGE AND USE OF EXPLOSIVES AND THE PROTECTION OF LIFE AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS BLASTING OPERATIONS.

SAFETY NOTICE TO CONTRACTOR

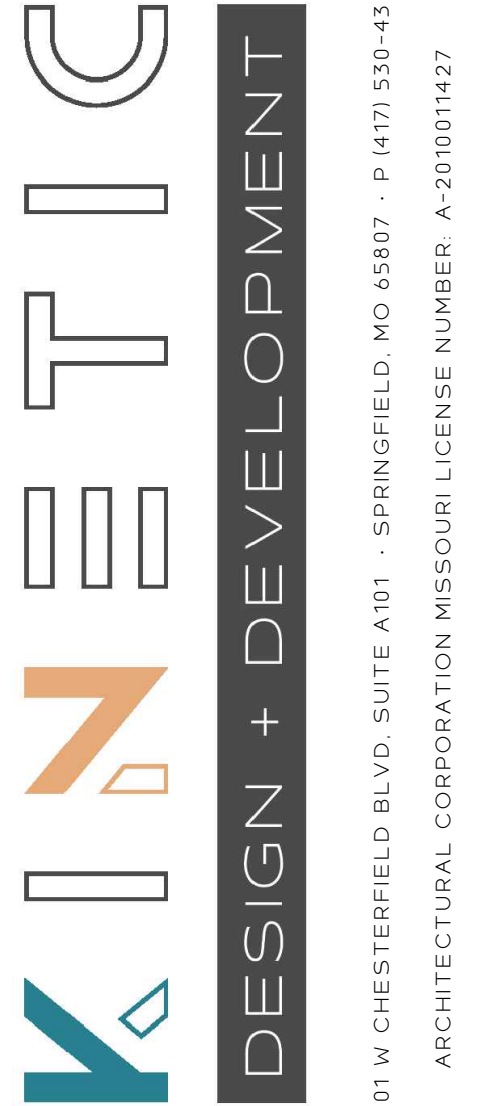
- 1. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
2. THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

UTILITY DISCLAIMER

- 1. INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.
2. ALL WATER SERVICE LINES, FIRE LINES, AND PRIVATE WATER MAINS MUST BE INSTALLED PER PWSDD NO. 2'S SPECIFICATIONS.
3. ALL LATERAL CONNECTIONS MUST BE MADE PER DUCKETT CREEK SANITARY DISTRICT'S SPECIFICATIONS.
4. THE ENTIRE LENGTH OF THE SANITARY SEWER LATERAL MUST BE INSPECTED BY PUBLIC WATER SUPPLY DISTRICT NO. 2'S PERSONNEL.
5. ALL SANITARY SEWER LATERALS ARE PRIVATE AND MAINTAINED BY THE PROPERTY OWNERS.
6. ALL SANITARY SEWER LATERALS ARE REQUIRED TO BE SCHEDULE 35 PVC PIPE.
7. ANY SANITARY SEWER LATERAL THAT IS INSTALLED AT A DEPTH GREATER THAN 15' IS REQUIRED TO BE SCHEDULE 45 PVC PIPE.
8. ALL SANITARY SEWER LATERALS ARE PROHIBITED FROM CONTAINING BENDS GREATER THAN A 45 DEGREE ANGLE.

USE OF CONSTRUCTION DOCUMENTS

- 1. DRAWINGS AND SPECIFICATIONS ARE PROVIDED AS A SERVICE. DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED FOR USE ON OTHER PROJECTS AT THIS SITE OR OTHER SITES WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
2. DRAWING REPRODUCTION AND SCALING MAY ALTER THE INDICATED GRAPHIC SCALES.



2101 W. CHESTERFIELD BLVD., SUITE A101 - SPRINGFIELD, MO 65807 - P: (417) 530-4321 ARCHITECTURAL CORPORATION MISSOURI LICENSE NUMBER: A-2010011427



ENGINEER OF RECORD. NAME: SHAWN W. BARRY LICENSE NO. MO #PE-2009001053

PROJECT NUMBER: 23031-7BOM2

- REVISION: 07-10-2023 CITY REVIEW COMMENTS 07-21-2023 DUCKETT CREEK REVIEW 07-28-2023 DUCKETT CREEK REVIEW 07-31-2023 CITY REVIEW COMMENTS

7 BREW COFFEE O'FALLON, MO #2 3600 MONTICELLO DR. O'FALLON, MO 63304



C0.1 GENERAL NOTES

DATE: MAY 2, 2023