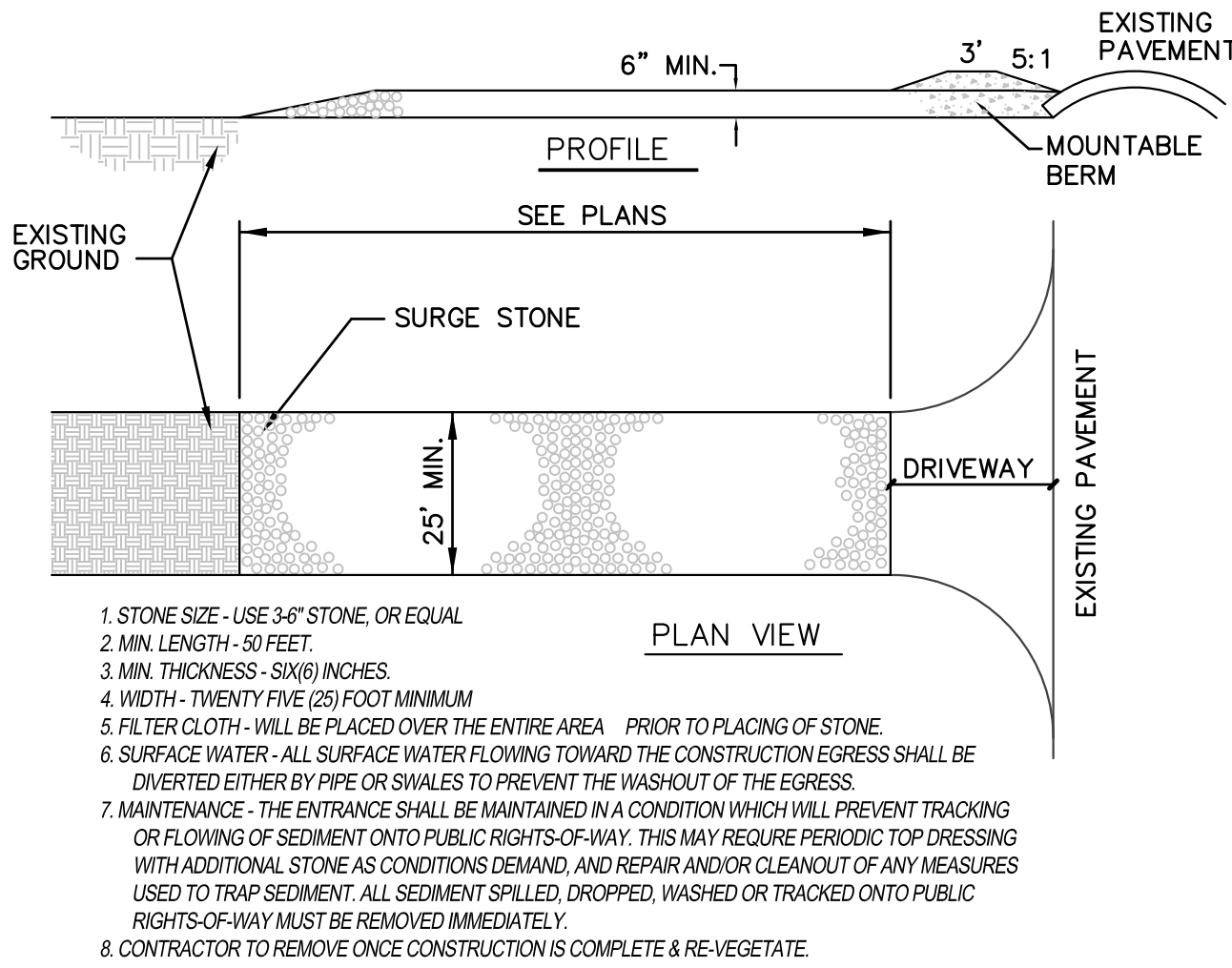
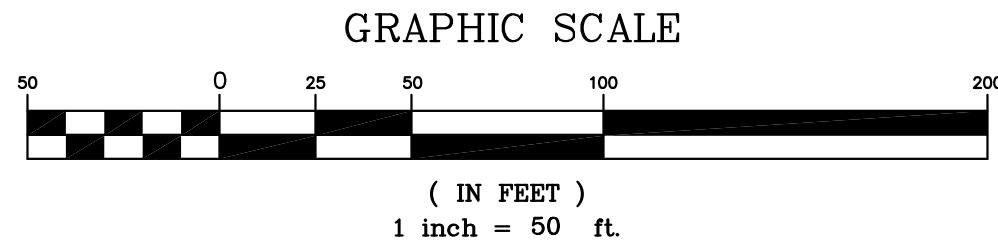


1 COMPOST FILTER SOCKS
C1 SCALE: NOT TO SCALE



2 CONSTRUCTION EGRESS DETAIL
C1 SCALE: NOT TO SCALE



SPECIAL NOTE:
CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. THIS PLAN DOES NOT REFLECT ANY INDICATIONS OF UTILITIES AND/OR EXISTING INFORMATION AVAILABLE FROM UTILITY COMPANIES. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. CONTRACTOR RESPONSIBLE FOR ONE-CALL TICKET AND CHECKING FOR POSSIBLE UTILITIES.

STAGES OF CONSTRUCTION:

1. CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT OWNER WITH ANY CONFLICTS.
2. INSTALLATION OF CONSTRUCTION ENTRANCE.
3. INSTALLATION OF EROSION CONTROL FENCE.
4. DEMOLITION OF EXISTING SITE IMPROVEMENTS.
5. ROUGH GRADING.
6. CONSTRUCTION OF NEW SITE IMPROVEMENTS.
7. FINAL GRADING.
8. PLACEMENT OF FINAL LANDSCAPING ITEMS AND SOD AND/OR SEED ALL DISTURBED AREAS.
9. REMOVAL OF EROSION CONTROL FENCE.

EROSION CONTROL NOTES:

1. CONTRACTOR TO RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO ELIMINATE TO THE MAXIMUM EXTENT POSSIBLE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. REMOVE SEDIMENT DEPOSITS AS NECESSARY AFTER EACH STORM TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. CARE NEEDS TO BE TAKEN TO AVOID UNDERMINING THE FENCE WHEN REMOVING SEDIMENT. SEDIMENT IS TO BE REAPPLIED TO THE SITE AND STABILIZED.
7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) AND SELECT PIPE OUTFALLS SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MATS 450 OR APPROVED EQUAL. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.
8. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE CITY OR COUNTY STANDARDS.
9. APPLICABLE PERMITS MUST BE OBTAINED FROM THE CITY, STATE AND COUNTY PRIOR TO EXCAVATION WITHIN ANY RIGHT-OF-WAY, AND PRIOR TO ANY CONSTRUCTION.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ANY UNDERGROUND UTILITIES OR OTHER OBSTRUCTIONS AND TO BE LIABLE FOR DAMAGE AND CONSEQUENT REPAIR TO SUCH IN THE COURSE OF HIS OPERATIONS.
11. THE CONTRACTOR AND/OR BUILDER WILL KEEP THE SUBDIVISION NEAT AND ORDERLY AT ALL TIMES WHILE CONSTRUCTION IS TAKING PLACE. ALL CITY STREETS ADJACENT TO THE DEVELOPMENT SHALL BE KEPT CLEAR OF MUD, ROCK, DIRT, DEBRIS, PAPER AND WASTE MATERIAL AT ALL TIMES. THE PROPER AMOUNT OF INSPECTION SHALL BE CALLED FOR AT THEIR PROPER TIMES. OR ANY AND ALL WORK MAY BE REJECTED.
12. IF ANY WORK OR ACCESS TO ANY ADJOINING PROPERTY IS DONE, IT IS THE FULL RESPONSIBILITY FOR THE APPLICANT/OWNER TO OBTAIN PROPER RELEASES FROM ADJOINING PROPERTY OWNERS AND ASSUME ALL LIABILITY FOR ACTION TAKEN DURING ALL CONSTRUCTION.
13. ALL DISTURBED AREAS ARE TO BE RE-SEED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE CITY OR COUNTY STANDARDS.
14. PROVIDE TEMPORARY EROSION CONTROL TO CONTAIN ALL SOILS ON SITE. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
15. THE DETENTION BASIN, ALL WATER QUALITY MEASURES AND STORMWATER CHANNELS/PIPES SHALL BE FUNCTIONING PRIOR TO STARTING ANY OTHER CONSTRUCTION ACTIVITIES. I.E. ONLY CONSTRUCTION ACTIVITIES REQUIRED TO INSTALL THE DETENTION BASIN, ALL WATER QUALITY MEASURES AND STORMWATER CHANNELS/PIPES ARE ALLOWED UNTIL THESE ITEMS ARE INSTALLED AND APPROVED.
16. CONSTRUCTION ACCESS TO THE SITE SHALL BE LIMITED TO THE APPROVED TEMPORARY CONSTRUCTION ENTRANCE AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN.
17. EROSION CONTROL DEVICES SHALL BE MAINTAINED DURING THE WHOLE CONSTRUCTION PERIOD BY THE CONTRACTOR.
18. CONTRACTOR TO PROTECT ANY STORM INLETS THAT RECEIVE STORM WATER FROM THE AREA OF CONSTRUCTION FROM SEDIMENT.
19. CONTRACTOR TO TAKE CARE NOT TO DAMAGE ANY EXISTING STREET, CURB AND GUTTER, SIDEWALK AND DRIVEWAYS.
20. THE CONTRACTOR SHALL HAVE A SET OF PLANS FILED WITH THE CITY OR COUNTY ON SITE. THE CONTRACTOR SHALL HAVE ON THE PROJECT AT ALL TIMES, AS HIS AGENT, A COMPETENT SUPERINTENDENT CAPABLE OF READING AND THOROUGHLY UNDERSTAND THE PLANS AND SPECIFICATIONS AND THOROUGHLY EXPERIENCE IN THE TYPE WORK BEING PERFORMED WHO SHALL RECEIVE INSTRUCTIONS FROM THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
21. THE CONTRACTOR SHALL NOTIFY THE ENGINEER/INSPECTOR OF ANY GEOLOGICAL ANOMALIES (MINING ACTIVITY, SINKHOLES, ECT.) DISCOVERED DURING CONSTRUCTION.
22. TEMPORARY CONSTRUCTION ENTRANCE TO HAVE SHOT ROCK FOR ITS SURFACE.
23. THE INSTALLATION OF SILT FENCE FOR CONSTRUCTION IS TO BE INSTALLED BY THE CONTRACTOR AND IN PLACE BEFORE BEGINNING SITE CONSTRUCTION. SIMILAR DEVICES MAY BE USED BY THE CONTRACTOR TO MEET THE REQUIREMENTS OF THE ENGINEER. DEVICES TO BE IN PLACE AS SHOWN ON THE PLANS. ADJUSTMENT OF THE LOCATION BY THE CONTRACTOR MAY BE DONE TO MEET EXISTING FIELD CONDITIONS. ALL CONTROLS ARE TO BE LACED WITHIN OWNER'S PROPERTY. ACCUMULATED SEDIMENT IN BASINS WILL REQUIRE REMOVAL DURING CONSTRUCTION OR AFTER EACH RAIN EVENT AND AT THE END OF CONSTRUCTION. EACH BASIN SHALL BE CHECKED AFTER EACH RAIN EVENT. CONTRACTOR TO MINIMIZE THE AREA DISTURBED BY CONSTRUCTION ACTIVITIES AT ANY ONE TIME AND TO PROMPTLY REVEGETATE (OR MECHANICALLY STABILIZE) ARE DISTURBED BY CONSTRUCTION ACTIVITY.
24. SILT FENCE SHALL BE PLACED AROUND ALL SOIL SPOIL PILES TO PREVENT EROSION.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL ITEMS THAT IMPEDE THE PROPER PLACEMENT OF ANY ITEMS PROPOSED BY THIS PLAN SET.
2. THE REMOVAL WORK SHALL INCLUDE BUT NOT BE LIMITED TO OBTAINING ALL DEMOLITION PERMITS REQUIRED, REMOVAL OF THE EXISTING TREES, SEALING OF THE EXISTING WATER WELLS, REMOVAL OF ANY SEPTIC SYSTEM OR DRY WELLS (IF ANY) AND OTHER ITEMS TO COMPLETE THE REMOVALS.
3. THE CONTRACTOR SHALL REMOVE ALL MATERIALS DEEMED UNSUITABLE BY THE ENGINEER WITHIN EIGHT (8) INCHES OF THE PROPOSED BUILDING FOOTPRINT TO THE DEPTH THAT SUCH UNSUITABLE MATERIALS EXIST. VOIDS SHALL BE FILLED IN ACCORDANCE WITH THE "EARTHWORK NOTES" ON THIS PLAN SHEET. REFER TO BASE BID #1 FOR CONFERENCE CENTER DEMOLITION FOR ADDITIONAL NOTES AND DETAILS.
4. TREE REMOVAL SHALL INCLUDE THE COMPLETE REMOVAL OF ALL TREES ON THE ENTIRE SITE, INCLUDING ALL STUMPS AND ROOTS WITH THE FOLLOWING EXCEPTION: EXISTING (HEALTHY) TREES (ALONG THE SITE PERIMETER) THAT ARE SIX INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT (DBH) SHALL BE PRESERVED AND INCORPORATED INTO THE LANDSCAPING. IF REMOVAL OF SAID TREES IS DEEMED NECESSARY BY THE CONTRACTOR, THE CONTRACTOR SHALL OFFER WRITTEN NOTIFICATION TEN BUSINESS DAYS PRIOR TO DEMOLITION TO THE ENGINEER. WRITTEN APPROVAL MUST BE OBTAINED PRIOR TO REMOVAL OF SAID TREES. INDICATE ALL TREES ON THE SITE OR AS INDICATED IN THE PLAN SET.)
5. THE CONTRACTOR SHALL COORDINATE DISCONNECTION, REMOVAL, AND RELOCATION OF THE EXISTING UTILITIES WITH THE APPROPRIATE UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES THAT ARE LEVIED BY UTILITY COMPANIES IN CONJUNCTION WITH DEMOLITION AND REMOVAL OF EXISTING UTILITIES.
6. DISPOSAL OF ALL MATERIALS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. ALL WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL MATERIALS FROM THE SITE ALONG WITH ALL ASSOCIATED PERMITS AND REGULATORY REQUIREMENTS.
7. THE CONTRACTOR SHALL BE FAMILIAR WITH THE APPROPRIATE SPECIFICATIONS FOR WELL ABANDONMENT, MATERIALS, PROCEDURES AND ACCESS TO EQUIPMENT REQUIRED TO PROPERLY SEAL WELLS (IF ANY), THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN, COMPLETE, AND FILE THE APPROPRIATE FORMS THROUGH THE LOCAL JURISDICTION AND/OR THE MISSOURI DEPARTMENT OF NATURAL RESOURCES.
8. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY SERVICES TO ADJACENT LOTS. INTERRUPTION OF SERVICES TO ADJACENT LOTS SHALL NOT OCCUR WITHOUT PROPER APPROVAL. 48 HRS NOTICE SHALL BE GIVEN TO THE PROPERTY OWNERS PRIOR TO THE CONNECTION OF THE NEW SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH THE CONNECTION OF TEMPORARY UTILITY SERVICES, IF REQUIRED, TO FACILITATE CONSTRUCTION STAGING.
9. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. TO BE CLEAR AND FREE OF ANY CONSTRUCTION ACTIVITY AND/OR EXCAVATED AND HAULED MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM ADJACENT SITES.
10. THE CONTRACTOR SHALL PERFORM A FULL-DEPTH SAW-CUT ALONG THE PERIMETER OF PAVEMENT REMOVAL THAT ABUTS EXISTING PAVEMENT THAT IS TO REMAIN.
11. ANY DAMAGE SUSTAINED BY ITEMS THAT ARE TO REMAIN IN PLACE SHALL BE REPAIRED OR REPLACED TO THE OWNER'S SATISFACTION AT NO COST TO THE OWNER.

Revisions	By
Last Modification	
DATE	INT'L S

Hunter & Millard
ARCHITECTS, INC.
3323 E. 32nd St. Suite 'B'
Joplin, Missouri 64804
(417) 624-8872
fax: (417) 781-0884
casey@hunterandmillard.com
website:
hunterandmillard.com
check us out on Facebook:
Hunter & Millard Architects, Inc.

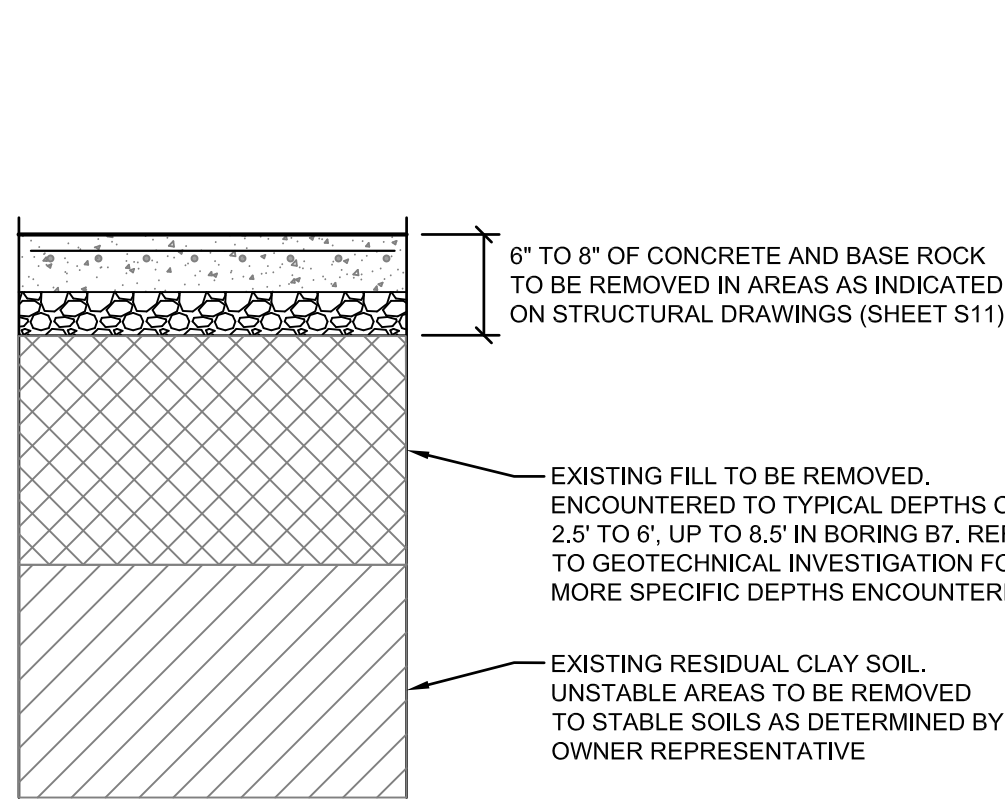
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EMPLOYEE OWNED
AE
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
811 E. THIRD STREET • JOPLIN, MISSOURI 64801 • PHONE (417) 762-7398
A LICENSED MISSOURI ENGINEERING & SURVEYING CORPORATION - LC 62

STATE OF MISSOURI
WAYNE A. STEPHENSON
NUMBER
PE-2012018139
1-6-17

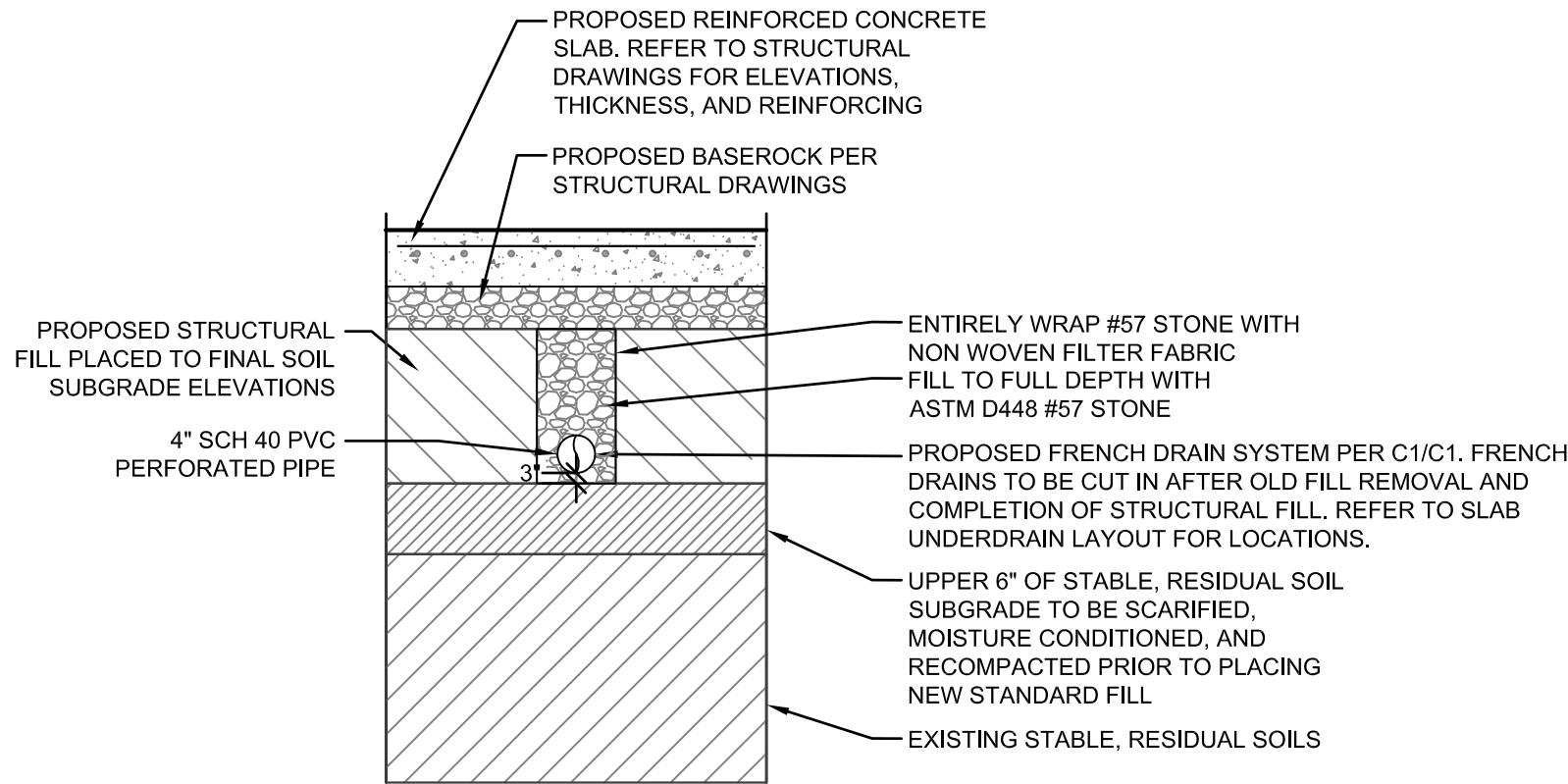
Conference Center Renovations
Leggett & Platt
INCORPORATED
#1 Leggett Road Carthage, MO

Drawn By
MNS
Checked By
WAS
Date
1/6-17
Scale
1" = 50'-0"
Job Number
70059-16
Civil
Site Demo/SWPPP
C1

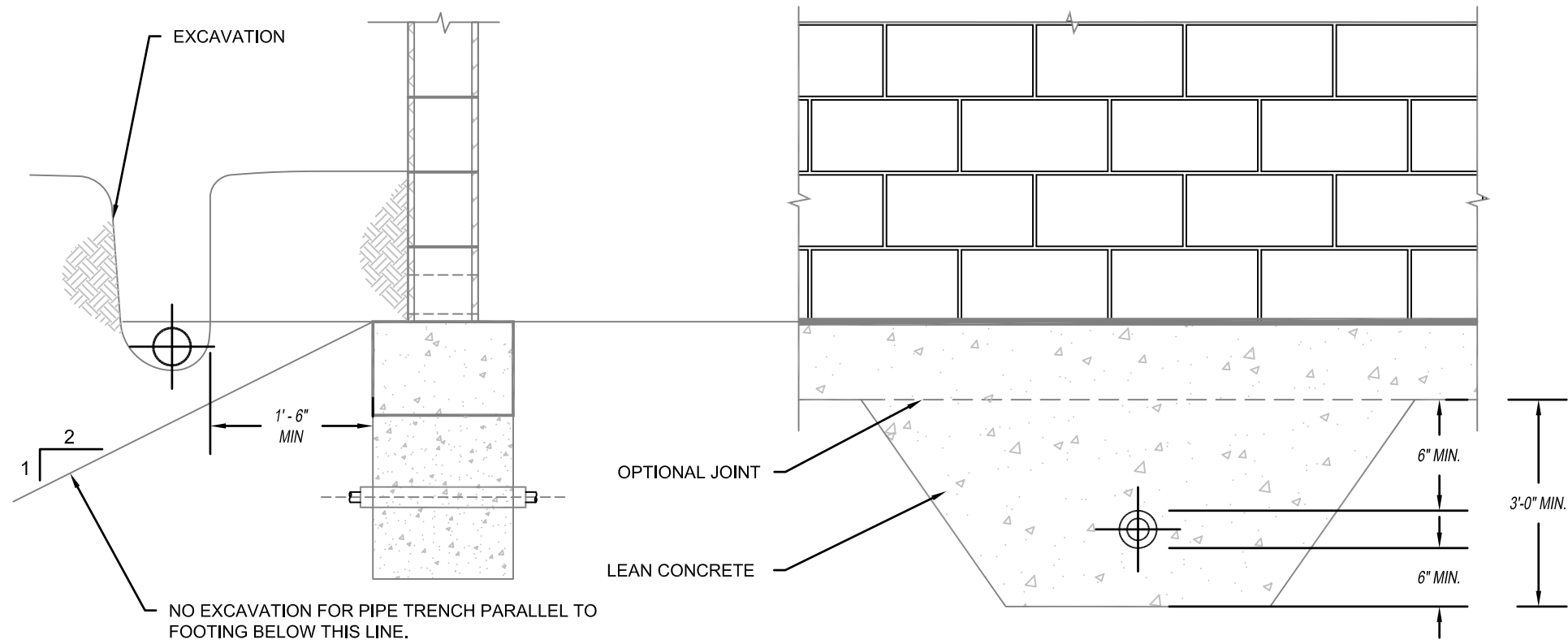
Base Bid #1 #2 & Alternates



3 EXISTING SLAB SECTION
C2 SCALE: NTS



4 SLAB REPLACEMENT SECTION
C2 SCALE: NTS



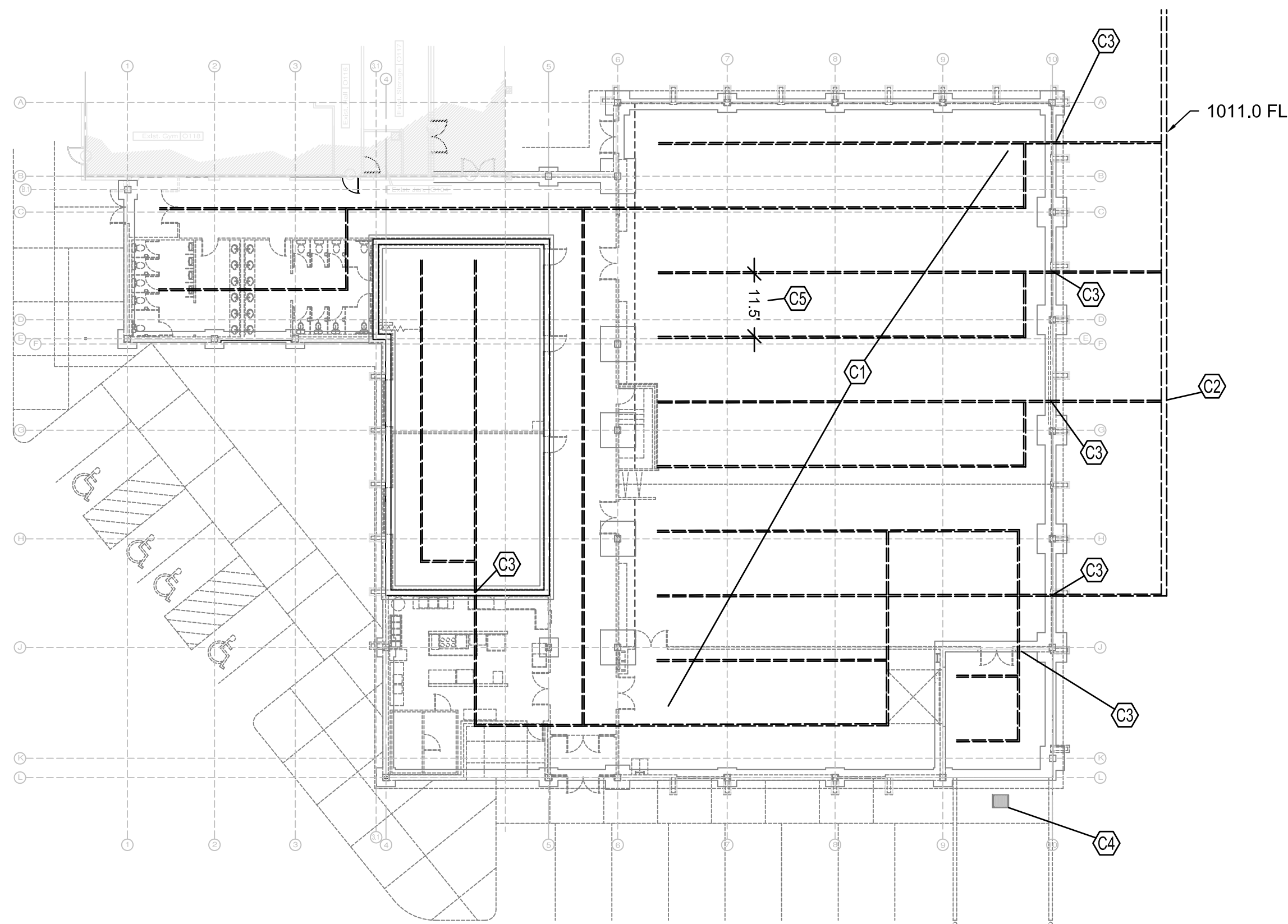
5 TYP FTG PENETRATION
C2 SCALE: NTS

GENERAL CONSTRUCTION NOTES:

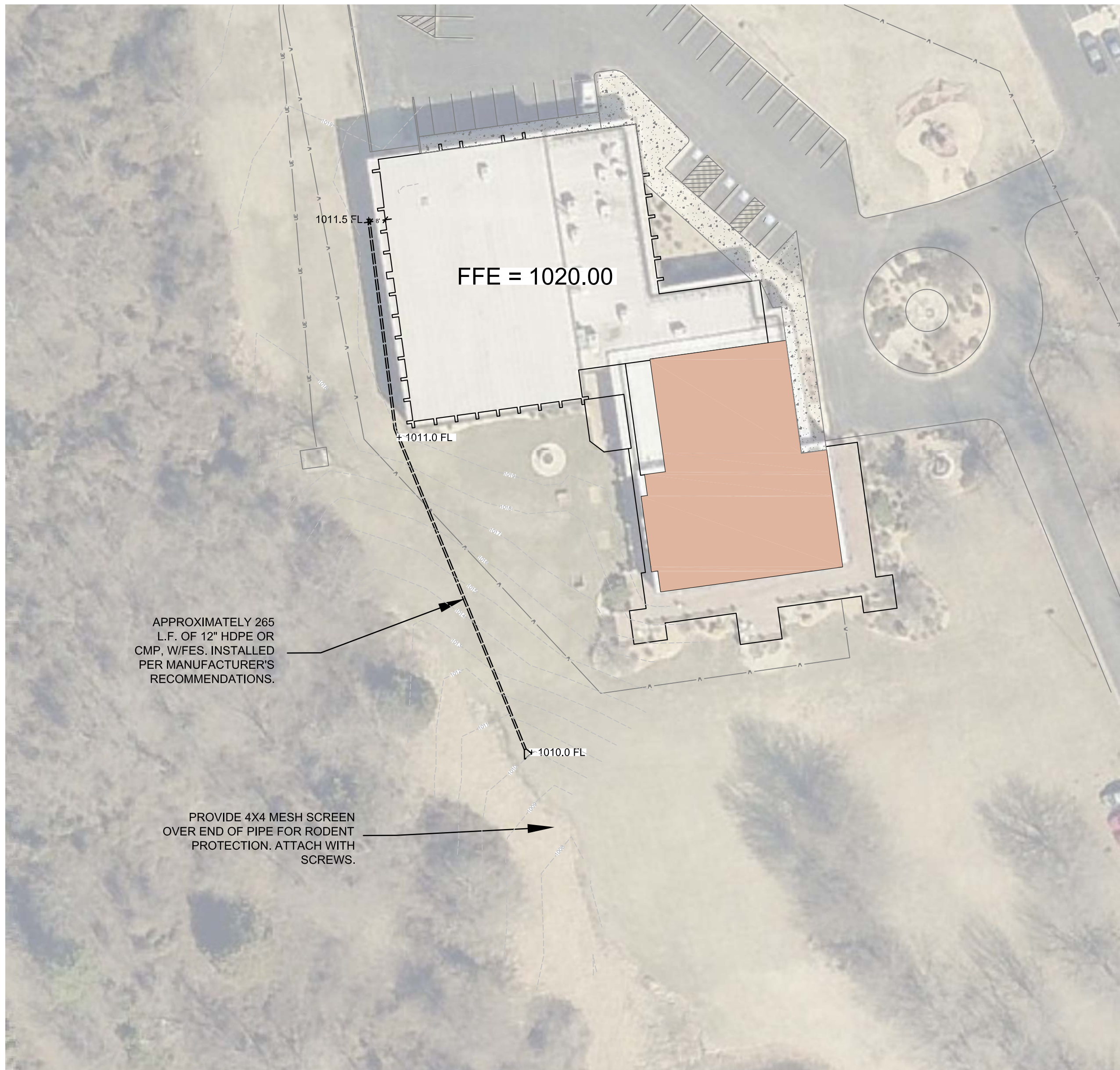
1. INFORMATION IN THESE GENERAL NOTES AND DETAILS ON THIS SHEET IS A GENERAL SUMMARY OF THE GEOTECHNICAL RECOMMENDATIONS MADE IN THE GEOTECHNICAL INVESTIGATION REPORT FOR THIS PROJECT, ANDERSON ENGINEERING PROJECT NO. 50062-16, DATED JULY 7, 2016. CONTRACTORS SHOULD REFER TO THAT REPORT FOR MORE DETAILED INFORMATION REGARDING SOIL TYPES AND DEPTHS ENCOUNTERED AS WELL AS ADDITIONAL GEOTECHNICAL REPAIR INFORMATION.
2. AFTER REMOVAL OF THE EXISTING CONCRETE AND BASE ROCK, THE EXISTING FILL BENEATH SHOULD BE REMOVED FROM ALL AREAS AS IDENTIFIED AS REPAIR AREAS ON THE ARCHITECTURAL DRAWINGS, AND/OR STRUCTURAL DRAWINGS.
3. AFTER REMOVAL OF THE FILL SOILS, THE RESIDUAL SOIL SUBGRADE SHOULD BE EVALUATED BY A REPRESENTATIVE OF THE OWNER. ANY AREAS OF UNSTABLE SOIL SUBGRADE IDENTIFIED SHOULD BE REMOVED.
4. THE UPPER 6 INCHES OF EXPOSED RESIDUAL SOIL SUB GRADE SHOULD BE SCARIFIED, ADJUSTED TO WITHIN 1 TO 4 PERCENT ABOVE OPTIMUM MOISTURE CONTENT AND COMPACTED TO BETWEEN 94 TO 96.5 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY STANDARD PROCTOR PROCEDURES AS OUTLINED IN ASTM D698. THE SUBGRADE SOILS SHOULD BE KEPT MOIST AND SHOULD NOT BE ALLOWED TO DRY FOR THE ENTIRE REPAIR PROCESS.
5. AFTER REMOVING THE FILL SOILS, THE RESIDUAL SOIL SUBGRADE WILL NOT BE ABLE TO SUPPORT RUBBER TIRED CONSTRUCTION TRAFFIC WELL. THE CONTRACTOR MUST KEEP RUBBER TIRED CONSTRUCTION TRAFFIC OFF OF THE EXPOSED SUBGRADE AND UTILIZE ONLY TRACKED EQUIPMENT ON THE EXPOSED SUBGRADE UNTIL A MINIMUM OF 2 FEET OF FULLY COMPACTED STRUCTURAL FILL HAS BEEN PLACED OVER THE EXISTING SUBGRADE.
6. COMPACTED FILL SHOULD CONSIST OF A DENSE GRADED BASE (I.E. GRANULAR BACKFILL) OR INORGANIC LOW TO MODERATE PLASTICITY SILTY CLAYS. THE INORGANIC SILTY CLAY SOILS SHOULD HAVE LIQUID LIMITS LESS THAN 40 AND A PLASTICITY INDEX OF LESS THAN 20.
7. STRUCTURAL FILL SHOULD BE PLACED IN NO GREATER THAN 8 INCH LOOSE LIFTS AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY STANDARD PROCTOR PROCEDURES AS OUTLINED IN ASTM D698.
8. MOISTURE CONTENT OF THE FILL MATERIAL SHOULD GENERALLY BE CONTROLLED BETWEEN 1 TO 4 PERCENT ABOVE OPTIMUM AS DETERMINED BY ASTM D698.
9. FINAL CONCRETE SLAB AND BASE ROCK DESIGN AND ELEVATIONS ARE TO BE CONSTRUCTED PER THE PROJECT STRUCTURAL DRAWINGS.
10. THE PROPOSED FRENCH DRAIN SYSTEM SHOULD BE CONSTRUCTED PER THE PLAN AND DETAILS LOCATED ON THE THIS SHEET/CIVIL DRAWING SHEET C2/STRUCTURAL DRAWINGS UNDER DRAIN SYSTEM SHALL BE INCLUDED IN BOTH NEW CONSTRUCTION AND REMEDIATION PLANS.
11. AREAS WHERE SLAB IS REMOVED AND UNDERDRAIN IS SHOWN, SOLID PVC PIPE SHOULD NOT BE USED TO CONNECT THE DRAIN TILE.

KEY NOTES:

- C1 INSTALL APPROXIMATELY 1252 L.F. OF 4" DRAIN TILE AS SHOWN. 15' O.C. WITH APPLICABLE TEES, FITTINGS, ELBOWS.
- C2 UNDERDRAIN COLLECTION PIPE SEE DETAIL. 2/C2 PROVIDE APPLICABLE FITTING AS NECESSARY FOR UNDER-DRAIN CONNECTION TO 12" PIPE
- C3 REFER TO DETAIL 3/C2 FOR FOUNDATION/FOOTING PENETRATION.
- C4 CONTRACTOR TO FIELD VERIFY TRENCH DRAIN IN LOADING DOCK IS CONNECTED TO ROOF DRAIN SYSTEM AND IS IN GOOD STRUCTURAL CONDITION.
- C5 DIMENSIONS SHOWN AS APPROXIMATE. FIELD ADJUST AS NECESSARY TO AVOID ANY STRUCTURAL ELEMENTS.



1 SLAB UNDERDRAIN LAYOUT
C2 SCALE: 1"=20'



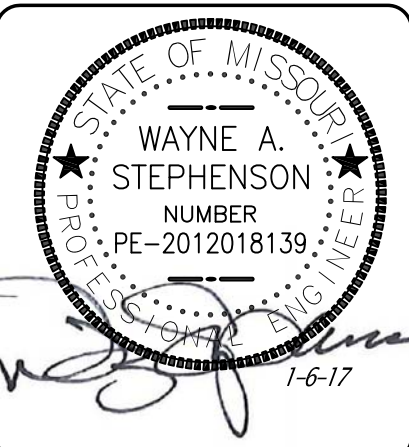
2 DAYLIGHT UNDERDRAIN SYSTEM
C2 SCALE: 1"=40'

BASE BID #1 & #2

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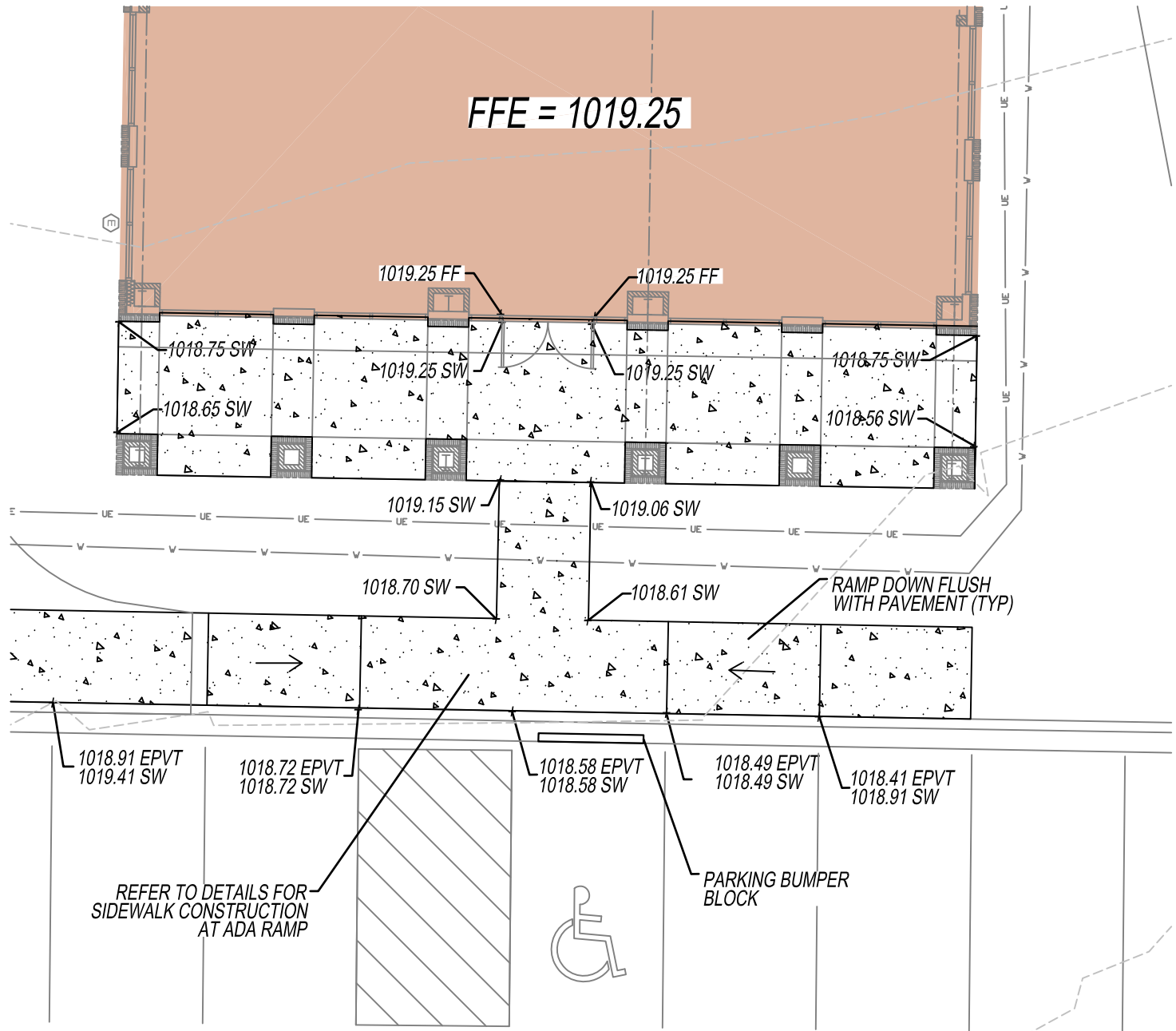
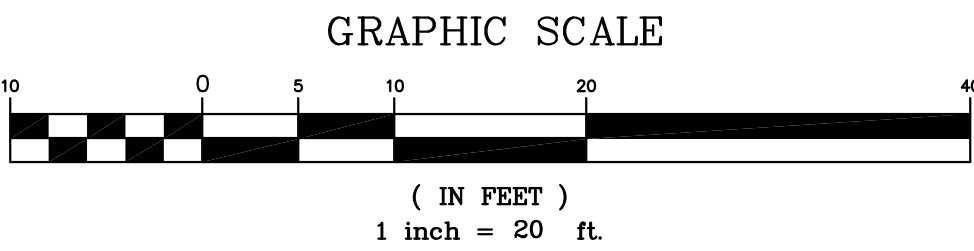
Hunter & Millard
ARCHITECTS, INC.
3323 E. 32nd St. Suite 'B'
Joplin, Missouri 64804
(417) 624-8872
fax: (417) 781-0884
casey@hunterandmillard.com
website:
hunterandmillard.com
check us out on Facebook:
Hunter & Millard Architects, Inc.

ANDERSON
ENGINEERING
EMPLOYEE OWNED
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
811 E. THIRD STREET • JOPLIN, MISSOURI 64801 • PHONE (417) 762-7399
A LICENSED MISSOURI ENGINEERING & SURVEYING CORPORATION - LC 02

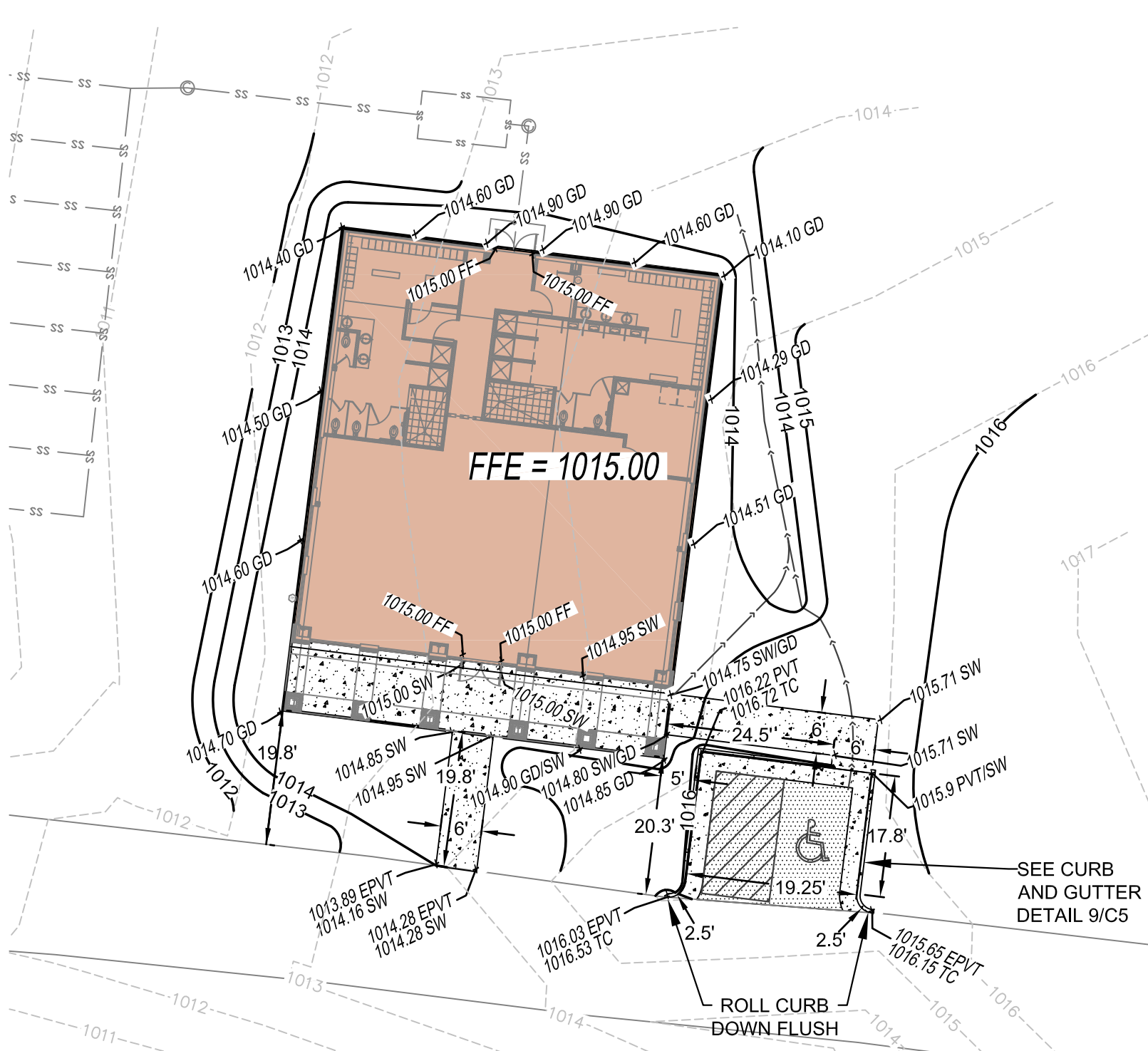


Conference Center Renovations
Leggett & Platt
INCORPORATED
#1 Leggett Road Carthage, MO

Drawn By
MNS
Checked By
WAS
Date
1/4/17
Scale
-
Job Number
70059-16
Civil
Conference Center
C2



3 ADA PARKING (WEST)
C3 SCALE: 1" = 10'



1 WELLNESS CENTER (NORTH) GRADING
C3 SCALE: 1" = 20'

GENERAL NOTES

- THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THIS SITE.
- CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE PROJECT DOCUMENTS.
- THE CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL AND VERTICAL LINES AND GRADES OF EXISTING UTILITIES PRIOR TO THE CONSTRUCTION OF IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF A DISCREPANCY BETWEEN CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS.
- APPLICABLE PERMITS MUST BE OBTAINED FROM THE CITY, STATE AND COUNTY PRIOR TO EXCAVATION WITHIN ANY RIGHT-OF-WAY, AND PRIOR TO ANY CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ANY UNDERGROUND UTILITIES OR OTHER OBSTRUCTIONS AND TO BE LIABLE FOR DAMAGE AND CONSEQUENT REPAIR TO SUCH IN THE COURSE OF HIS OPERATIONS.
- THE CONTRACTOR AND/OR BUILDER WILL KEEP THE SUBDIVISION NEAT AND ORDERLY AT ALL TIMES WHILE CONSTRUCTION IS TAKING PLACE. ALL CITY STREETS ADJACENT TO THE DEVELOPMENT SHALL BE KEPT CLEAR OF MUD, ROCK, DIRT, DEBRIS, PAPER AND WASTE MATERIAL AT ALL TIMES. THE PROPER AMOUNT OF INSPECTION SHALL BE CALLED FOR AT THEIR PROPER TIMES, OR ANY AND ALL WORK MAY BE REJECTED.
- IF ANY WORK OR ACCESS TO ANY ADJOINING PROPERTY IS DONE, IT IS THE FULL RESPONSIBILITY OF THE APPLICANT/TOWNER TO OBTAIN PROPER RELEASES FROM ADJOINING PROPERTY OWNERS AND ASSUME ALL LIABILITY FOR ACTION TAKEN DURING ALL CONSTRUCTION.
- ALL DISTURBED AREAS ARE TO BE RE-SEED IN ACCORDANCE WITH THE APPROVED PLANS.
- CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ANY EXISTING STREET, CURB AND GUTTER, SIDEWALK AND DRIVEWAYS.
- THE CONTRACTOR SHALL HAVE ON SITE A SET OF PLANS. THE CONTRACTOR SHALL HAVE ON THE PROJECT AT ALL TIMES, AS HIS AGENT, A COMPETENT SUPERINTENDENT CAPABLE OF READING AND THOROUGHLY UNDERSTANDING THE PLANS AND SPECIFICATIONS, THOROUGHLY EXPERIENCED IN THE TYPE OF WORK BEING PERFORMED, AND WHO SHALL RECEIVE INSTRUCTIONS FROM THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
- ALL TRENCHES, WHICH LIE UNDER PROPOSED PAVEMENT OR LIE WITHIN TWO FEET OF THE BACK OF CURB SHALL BE BACKFILLED TO PAVEMENT SUBGRADE WITH COMPACTED GRANULAR MATERIAL.
- MANHOLE COVERS, VALVE BOXES AND OTHER UTILITY APPURTENANCES SHALL NOT ENCRoACH ON SIDEWALKS, CURBS OR PAVEMENT. WHERE CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR INSTRUCTION PRIOR TO PROCEEDING.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY NEW SINKHOLES DISCOVERED DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY CONCERNS ASSOCIATED WITH THIS PROJECT DURING CONSTRUCTION, UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THIS PLAN OR ELSEWHERE IN THE CONTRACT.
- THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE SUBJECT TO ERROR AND OMISSION. CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
- A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND/OR FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
- COORDINATION BETWEEN ALL PARTIES IS AN ESSENTIAL PART OF THE CONTRACT.

GENERAL NOTES:

- ALL SITE DIMENSIONS TO THE EDGE OF PAVEMENT, CONCRETE OR PROPERTY LINE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND STARTING CONSTRUCTION.
- COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- REFER TO STRUCTURAL PLANS FOR DEVELOPMENT OF SIDEWALKS ADJACENT TO FOUNDATIONS.
- REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
- DIMENSIONS THAT LOCATE THE BUILDING ARE MEASURED TO THE OUTSIDE FACE OF THE BUILDING.
- SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.



SPECIAL NOTE:
CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT ENGINEER WITH ANY CONFLICTS.

SPECIAL NOTE:
CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES AND MATCH EXISTING PAVEMENT AT ALL PAVEMENT CONNECTIONS. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.

THIS SURVEY REFLECTS ABOVE GROUND INDICATIONS OF UTILITIES AND INFORMATION AVAILABLE FROM UTILITY COMPANIES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANTY THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. LOCATE NUMBER 143450230.

2 WELLNESS CENTER (WEST) GRADING
C3 SCALE: 1" = 20'

Alternate No. 11 - New Construction - Wellness Center

Revisions	By
Last Modification	
DATE	INT'L'S

Hunter & Millard
ARCHITECTS, INC.
3323 E. 32nd St. Suite 'B'
Joplin, Missouri 64804
(417) 624-8872
fax: (417) 781-0884
casey@hunterandmillard.com
website:
hunterandmillard.com
check us out on Facebook:
Hunter & Millard Architects, Inc.

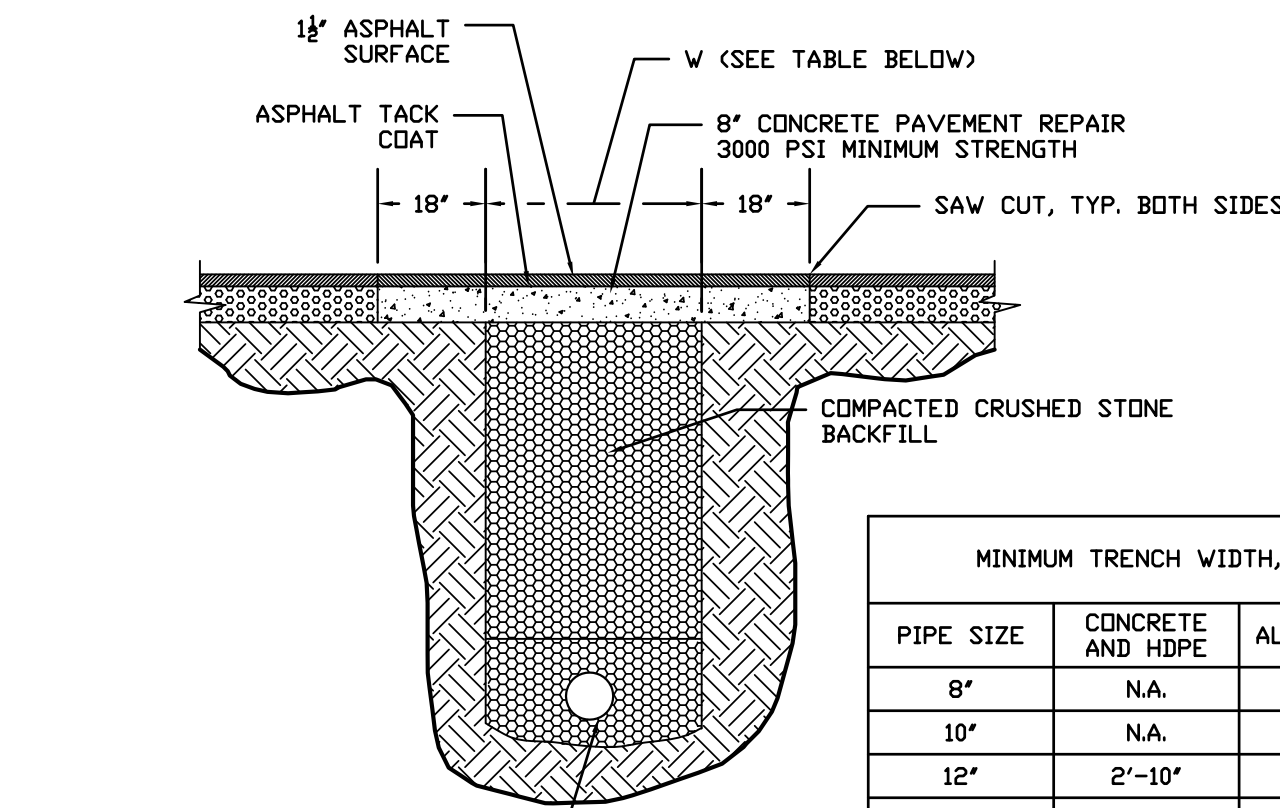
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ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
811 E. THIRD STREET • JOPLIN, MISSOURI 64801 • PHONE (417) 782-7998
A LICENSED MISSOURI ENGINEERING & SURVEYING CORPORATION - LC 02

STATE OF MISSOURI
WAYNE A. STEPHENSON
NUMBER
PE-2012018139
1-6-17

Conference Center Renovations
Leggett & Platt
INCORPORATED
#1 Leggett Road Carthage, MO

Drawn By
MNS
Checked By
WAS
Date
1/6/17
Scale
-
Job Number
70059-16
Civil
Site Layout/Grading
C3
Alt. #11 Wellness Center

SPECIAL NOTE:
CONTRACTOR IS RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS
(ELECTRIC, WATER, GAS, SEPTIC, SEWER) AS WELL AS PROVIDING ALL
INFRASTRUCTURE REQUIRED BY UTILITY COMPANIES.



MINIMUM TRENCH WIDTH, W		
PIPE SIZE	CONCRETE AND HDPE	ALL OTHERS
8"	N.A.	2'-0"
10"	N.A.	2'-2"
12"	2'-10"	2'-4"
15"	3'-2"	2'-7"
18"	3'-8"	2'-10"
21"	4'-0"	3'-2"
24"	4'-6"	3'-6"
30"	5'-2"	4'-2"
36"	5'-8"	4'-8"
42"	6'-3"	5'-4"
48"	6'-10"	5'-10"

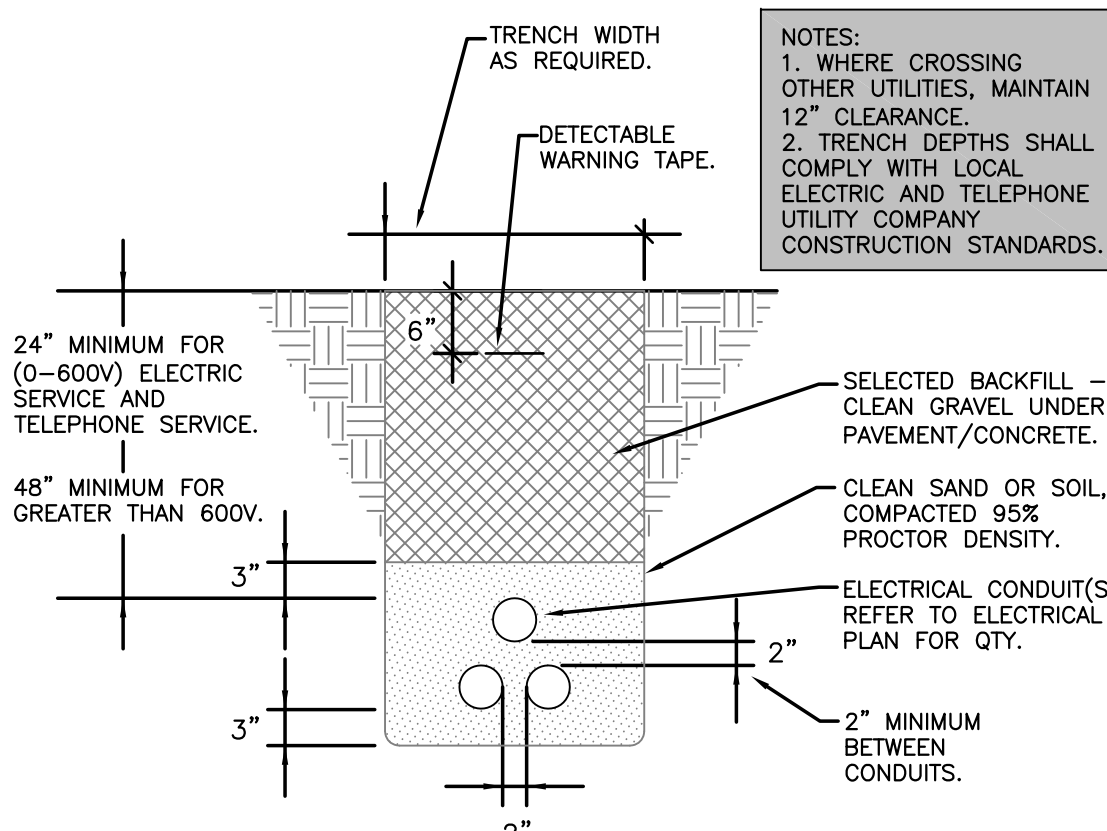
(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

— W —	WATER SERVICE
— SS —	SANITARY SEWER SERVICE
— UGE —	U/G ELECTRIC
— TEL —	U/G PHONE
— T —	U/G PHONE (BY PHONE CO.)
— OHE —	OVERHEAD ELECTRIC
— OHT —	OVERHEAD PHONE
— FO —	FIBER OPTIC CABLE
— X —	FENCE
— G —	GAS LINE

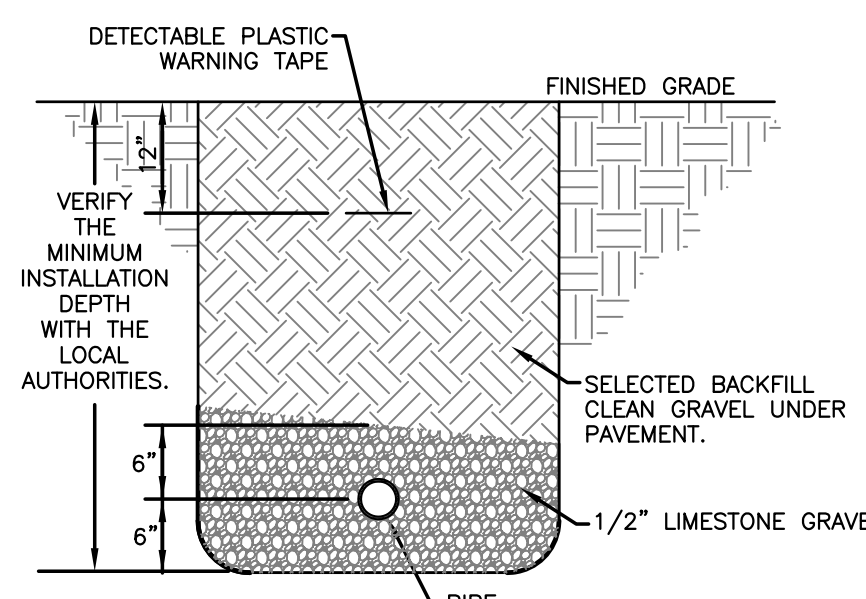
1. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING

- CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. REFER TO SPECIFICATIONS ALSO.
2. EXISTING INSTALLATIONS (SUCH AS WATER MAINLINES, GAS MAINS/SEWER MAINLINES, TELEPHONE LINES, POWER LINES, AND UTILITY STRUCTURES IN THE VICINITY OF THE WORK TO BE DONE) ARE INDICATED ON THE PLANS AND SPECIFICATIONS TO THE EXTENT THAT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OF SUCH INFORMATION OR SUCH INFORMATION, AND ALL RESPONSIBILITY FOR ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.
4. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST 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 EXT. WORK, ADDITIONAL PAYMENT OR DAMAGES.
5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNEXPECTED EXISTING CONDITIONS.

C3	SCALE: NOT TO SCALE
----	---------------------



1	UNDERGROUND
22	SCALE NOT TO SCALE



C2	SCALE: NOT TO SCALE
-----------	---------------------

CAUTION:
INFORMATION ON THIS DRAWING 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 THE TYPE AND
LOCATION OF UNDERGROUND AND OTHER
UTILITIES AS MAY BE NECESSARY TO AVOID
DAMAGE THERE TO.

EXISTING UTILITY NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITIES AND LOCATIONS. IF EXISTING UTILITIES ARE FOUND TO BE IN GOOD WORKING ORDER AND MEET BUILDING DEMANDS CONTRACTOR CAN UTILIZE EXISTING UTILITY TAPS. CONTRACTOR TO COORDINATE UTILITY CONNECTIONS WITH APPLICABLE SERVICE PROVIDER, PRIOR TO CONSTRUCTION, TO ENSURE SERVICE TO THE NEW BUILDING IS ADEQUATE.

Revisions	By
Last Modification	
DATE	INT'L'S

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Joplin, Missouri 64804
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fax: (417) 781-0884

casey@hunterandmillard.com

website:
hunterandmillard.com

check us out on Facebook:
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811 E. THIRD STREET, JOPLIN, MISSOURI 64601 • PHONE (417) 762-7399
FAX (417) 762-7398 • www.andersoneng.com

Conference Center Renovations

Leggett & Platt
INCORPORATED

#1 Leggett Road Carthage, MO

Drawn By	MNS
Checked By	WAS
Date	1/6/17
Scale	1" = 30'-0"
Job Number	70059-16
Civil Site Utilities	
C4	
Alt. #11 Wellness Center	

Alternate No. 11 - New Construction - Wellness Center

4" THICK CONCRETE
SIDEWALK WITH FIBER MESH

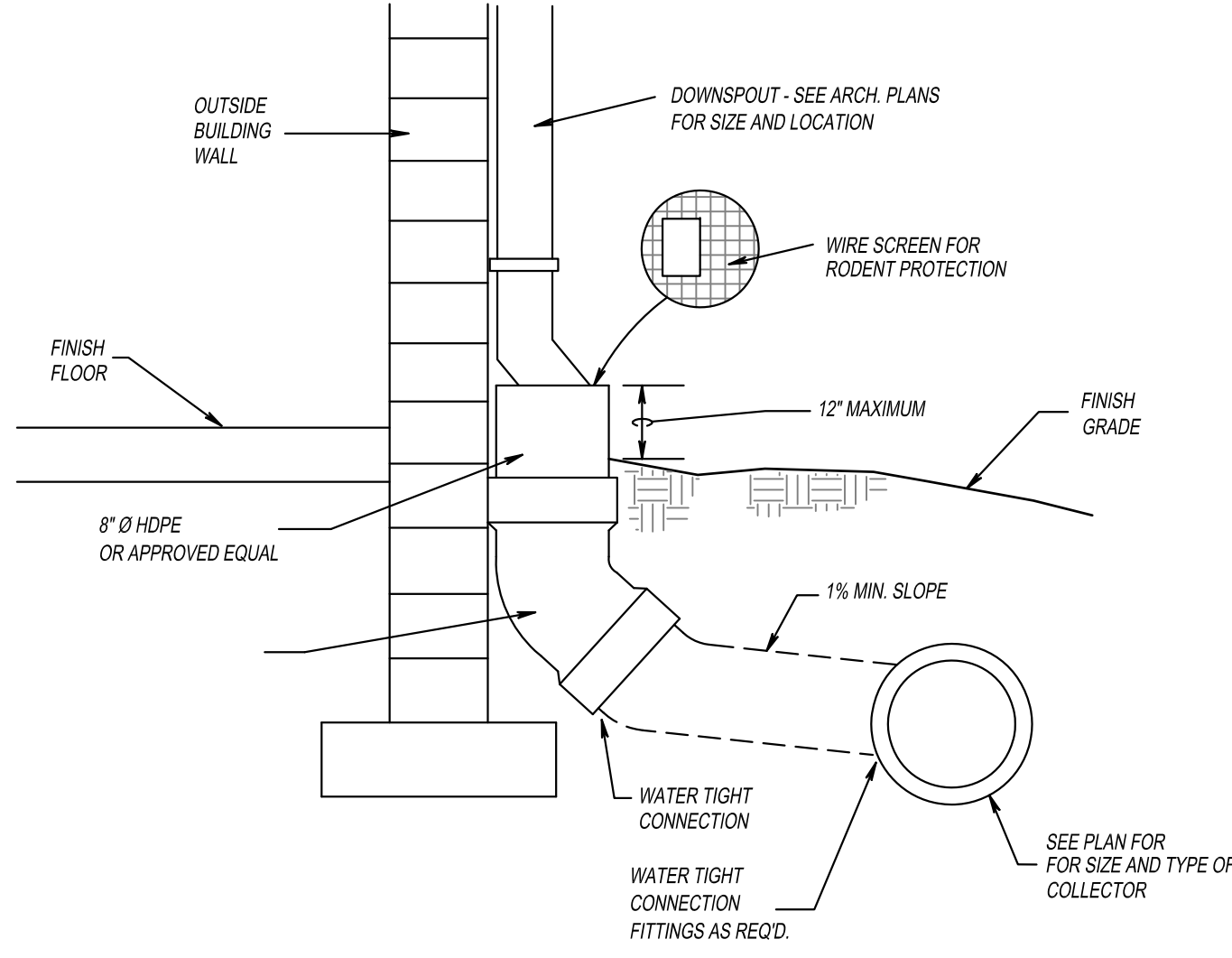
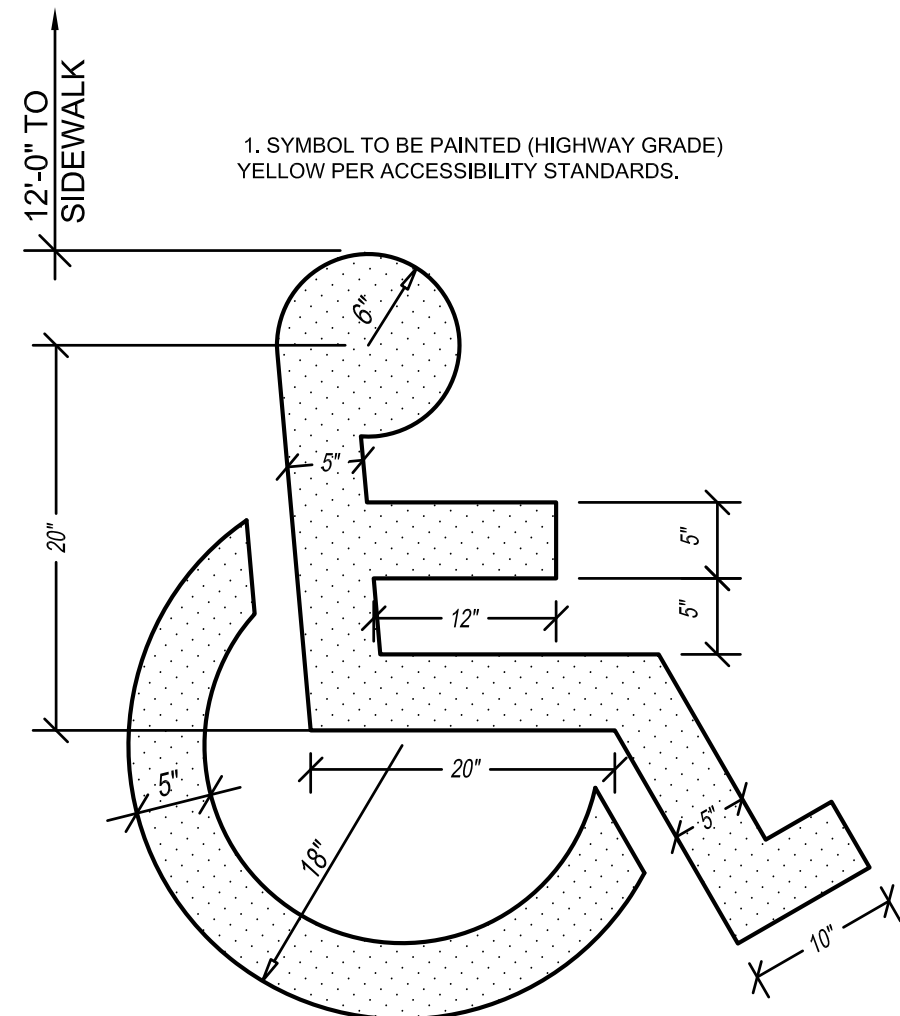
COMPACTED SUB BASE

COMPACTED SUB GRADE

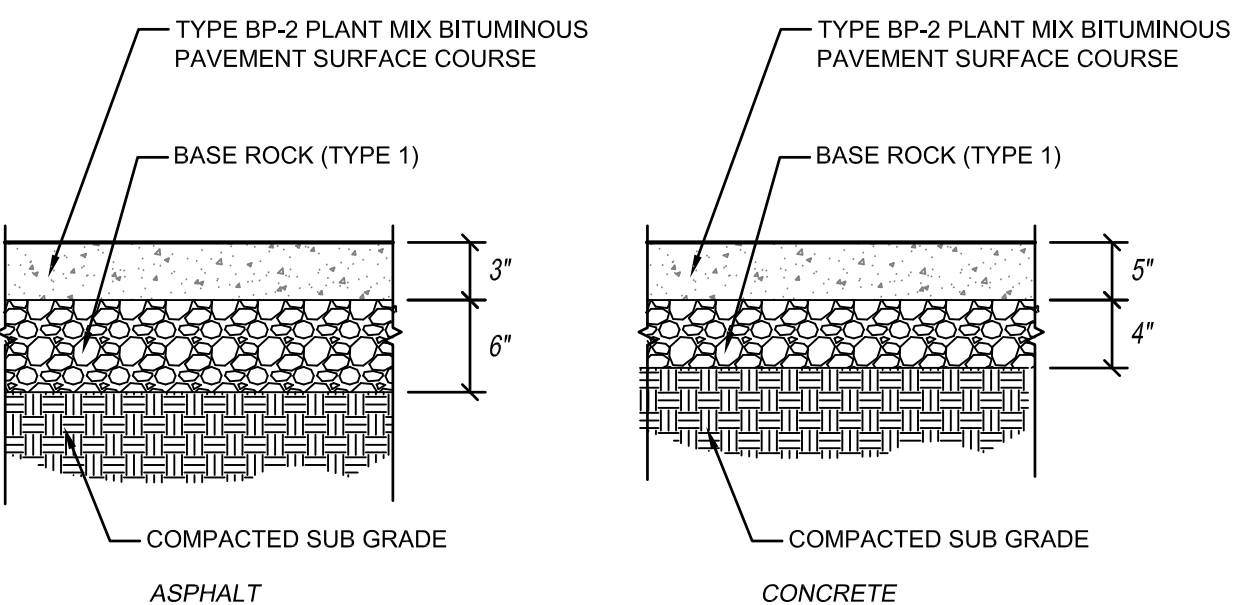
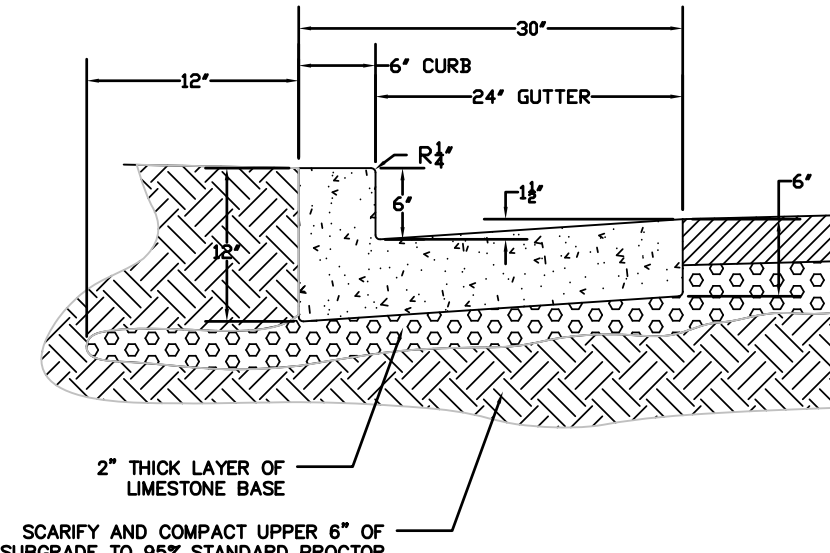
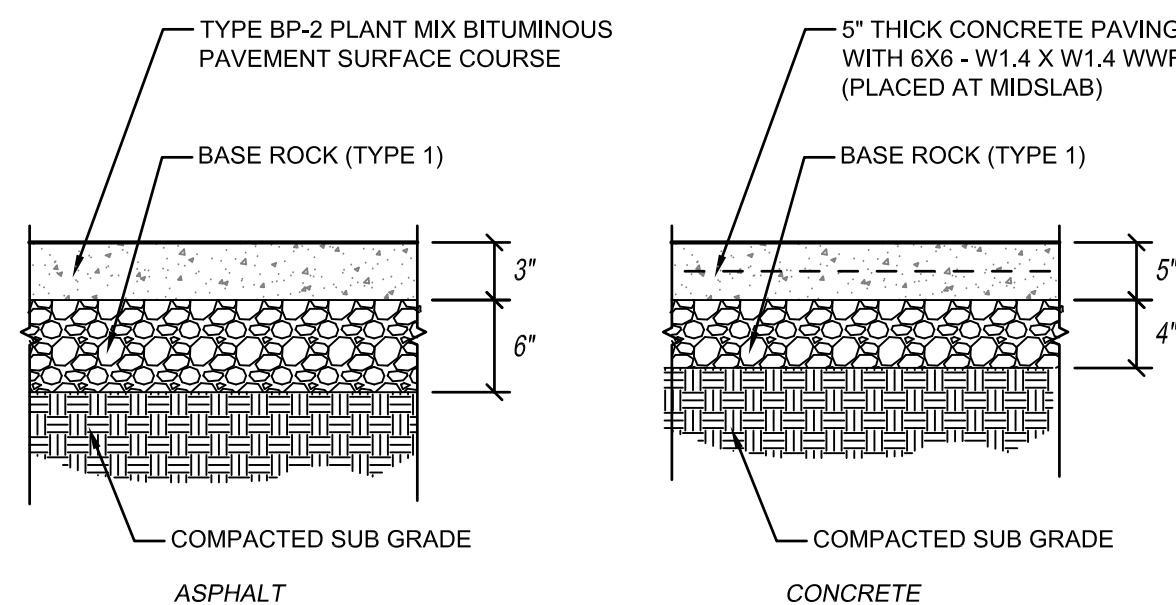
4"

4"

CONTROL JOINT



FINISHED GRADE
 ADJUSTABLE HEAD
 2'-0" (MIN.)
 HEAVY DUTY COVER w/ LETTERS "C.O." CAST
 4" MIN. CONCRETE ENCASEMENT 3000 PSI P.C. CONCRETE
 THREADED CLEANOUT PLUG
 10" 10"
 12"
 WYE
 45° BEND
 CAP WYE IF SERVICE LATERAL DOES NOT CONTINUE
 SERVICE LATERAL



FINAL GRADE

18" MIN.
24" MAX.

WORD "WATER" ON COVER

6 CU. FT. GRAVEL

DRAIN, KEEP CLEAR OF CONCRETE

6" DUCT-IRON PIPE

CAST IRON VALVE BOX SEE SPECIFICATIONS

6" GATE VALVE SEE SPECIFICATIONS

VISQUEEN LINING BETWEEN CONCRETE AND CAST IRON

THRUST BLOCK

POUR 6 CUBIC FOOT MIN. CONCRETE THRUST BLOCK AGAINST 4 SO. FT. OF UNDISTURBED EARTH WALL

RETAINING GLANDS OR LOCKED HYDRANT ADAPTER

PROVIDE LOCKED HYDRANT TEE, LOCKED HYDRANT ADAPTER OR RETAINER GLANDS

9 CURB SIDEWALK AT ADA DETAIL

C5