

1. OVERALL AREA SITE AREA: 39,402 SQ.FT. (0.90 ACRES)
2. SITE ADDRESS: 1101 SOUTH STREET
STOCKTON, MISSOURI 65785
PARCEL NUMBER 09-0-4-17-000-002-014.00
3. ZONING: NO DESIGNATED ZONING
4. USE:
EXISTING USE- SUPERMARKET
PROPOSED USE- RESTAURANT, McDONALD'S
5. OWNER: WOODS SUPERMARKET, INC.

7. ALL NEW UTILITIES SHALL BE LOCATED UNDERGROUND.

8. ALL NECESSARY UTILITIES (PUBLIC AND PRIVATE) WILL BE AVAILABLE, FUNCTIONING, AND USABLE AT THE TIME ANY STAGE OF THE PROJECT OR THE TOTAL PROJECT IS READY FOR OCCUPANCY.

9. FLOOD PLAIN NOTE:
ACCORDING TO THE FEMA NATIONAL FLOOD MAP HAZARD LAYER FIRMETTE MAP OF THE SITE AND NEIGHBORING AREAS, WITH AN EFFECTIVE DATE OF 08/15/2024, THIS PROPERTY IS LOCATED IN ZONE X - OTHER AREAS. ZONE X IS DEFINED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN.

10. PARKING CALCULATIONS: RESTAURANTS ARE REQUIRED TO HAVE AT LEAST 1 PARKING SPACE PER 100 SF OF GROSS BUILDING AREA (GFA).
PARKING REQUIRED = (3,694 SF GFA / 100 SF GFA) X 1 SPACE = 37 TOTAL SPACES
PARKING PROVIDED = 25 REGULAR SPACES & 2 ADA ACCESSIBLE SPACES & 20 SHARED SPACES (SHARED WITH WOODS SUPERMARKET) = 47 TOTAL SPACES

11. PERFORMANCE GUARANTEE SHALL BE ACQUIRED PRIOR TO CONSTRUCTION

12. ANY SIGNAGE SHALL BE BY ONE PERMIT

IMPERVIOUS COVER CALCULATIONS (UNMODIFIED)			
SITE AREA		AREA (SF)	AREA (AC)
	TOTAL SITE AREA	39,402	0.90
EXISTING SITE COVER			
		AREA (SF)	AREA (AC)
	BUILDING/ROOF	0	0.00
	PVMT/CONC/MISC	13,864	0.32
	TOTAL IMPERVIOUS AREA	13,864	0.32
	TOTAL PERVIOUS AREA	25,538	0.58
PROPOSED SITE COVER		AREA (SF)	AREA (AC)
	BUILDING/ROOF	3,694	0.08
	PVMT/CONC/MISC	32,840	0.75
	TOTAL IMPERVIOUS AREA	36,534	0.83
	TOTAL PERVIOUS AREA	2,868	0.07

DEVELOPER
McDONALD'S USA, LLC
110 N. CARPENTER ST.
CHICAGO, IL 60607
CONTACT: AMY SWITZER
PHONE: (913) 660-2205
EMAIL: AMY.SWITZER@US.MCD.COM

CIVIL ENGINEER & LAND SURVEYOR
CIVIL & ENVIRONMENTAL CONSULTANTS, INC
 10300 ALLIANCE ROAD, SUITE 300
 CINCINNATI, OH 45242
 CONTACT: TYLER AMICON
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 EMAIL: THAMICON@CECINC.COM

ARCHITECT
TAYLOR/KEMPKE ARCHITECTS, PA
210 CENTRAL AVENUE, SUITE 2A
HOT SPRINGS, ARKANSAS 71901
CONTACT: ROBERT KEMPKE
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STORM SEWER SERVICE
CITY OF STOCKTON
PO BOX 590 SOUTH ST
STOCKTON, MO 65785
CONTACT: TIM MCGINNIS
PHONE: 1(417) 955-0072
EMAIL: CITYINSPECTOR@STOCKTONMO.ORG

SANITARY SEWER & WATER SERVICE
CITY OF STOCKTON
PO BOX 590 SOUTH ST
STOCKTON, MO 65785
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PHONE: 1(417) 955-0072
EMAIL: CITYINSPECTOR@STOCKTONMO.ORG

ELECTRIC SERVICE
LIBERTY ELECTRIC
3114 GULD BREEZE PKWY.
GULF BREEZE, FL 32563
CONTACT: AIDON COLE
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GAS SERVICE
SPIRE MISSOURI WEST
520 E 5TH STREET
JOPLIN, MO 64801
CONTACT: DUSTIN BORLAND
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TELEPHONE / FIBER SERVICE
WINDSTREAM
509 WEST ALDRICH ROAD
BOLIVAR, MO 65613
CONTACT: JEROME MILES
PHONE: 1(417) 276-1460
EMAIL: JEROME.MILES@WINDSTREAM.COM

FIRE PROTECTION SERVICE
CITY OF STOCKTON FIRE CHIEF
PO BOX 590 SOUTH ST
STOCKTON, MO 65785
CONTACT: KENNY DANIELS
PHONE: 1(417) 276-1339
EMAIL: CITYCLERK@STOCKTONMO.ORG

PLANNING & ZONING
CITY OF STOCKTON
 PO BOX 590 SOUTH ST
 STOCKTON, MO 65785
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BUILDING & ENGINEERING
CITY OF STOCKTON
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STREET & HIGHWAY
MO DEPARTMENT OF TRANSPORTATION
3025 EAST KEARNEY
SPRINGFIELD, MO 65803
CONTACT: KIMBERLY ADER
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A TRACT OF LAND IN THE INCORPORATED CITY OF STOCKTON, CEDAR COUNTY, MISSOURI



SITE MAP
SCALE: 1"=60'



VICINITY MAP
SCALE: 1"=1000'



OVERALL SITE MAP
SCALE: 1"=500'

SHEET LIST TABLE		
SHEET NUMBER	DRAWING NUMBER	SHEET TITLE
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2	C001	GENERAL NOTES
3	C100	EXISTING CONDITIONS & DEMOLITION PLAN
4	C200	SITE PLAN
5	C300	GRADING PLAN
6	C400	DRAINAGE PLAN
7	C500	UTILITY PLAN
8	C600	EROSION CONTROL PLAN
9	C700	REQUIRED PLANTING PLAN
10	C800	SITE DETAILS
11	C801	UTILITY DETAILS
12	C802	EROSION CONTROL DETAILS
13	LIGHTING	PHOTOMETRIC
14	S100	STRUCTURAL GENERAL NOTES
15	S200	STRUCTURAL FOUNDATION DETAILS
16	S201	STRUCTURAL FOUNDATION DETAILS
17	LI-1	IRRIGATION PLAN
18	LI-2	IRRIGATION DETAILS
19	LI-3	IRRIGATION SPECIFICATIONS

REVISION RECORD		
NO	DATE	DESCRIPTION
1	06/14/2020	REVISION 1
2	05/07/2020	REVISION 2
3	01/28/2020	REVISION 3
4	03/09/2020	REVISION 4 - ISSUED FOR CONSTRUCTION
5	04/02/2020	REVISION 5 - NOOF BRANCH REVISION
6	4/21/2020	REVISION 6 - PARKING LOT REVISION
7		
8		
9		
10		

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Civil & Environmental
Consultants, Inc.

MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

COVER SHEET

DATE:	APRIL 2026	DRAWN BY:	ANM
DWG SCALE:	AS SHOWN	CHECKED BY:	THA
PROJECT NO:			345-737
APPROVED BY:			PTB

DRAWING NO.: C000

SHEET 1 OF 19

P:|340=000|343=737|-CADD|Dwg|CVD1|343737XR-CVD1-C000.dwg|LAYOUT1| LS:(4/2/2026 - sdyke) - LP: 4/21/2026 4:45 PM

SURVEY NOTES

- EXISTING CONDITIONS AS DEPICTED ON THESE PLANS ARE GENERAL AND ILLUSTRATIVE IN NATURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT THAN THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
- THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER, OWNER, AND OWNER'S REPRESENTATIVE FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONNEL, EQUIPMENT AND/OR EXISTING FACILITIES OCCURRING IN THE COURSE OF THE DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL APPLICABLE PERMITS, AND PAY ALL REQUIRED FEES PRIOR TO BEGINNING WORK.
- ALL WORK PERFORMED BY THE CONTRACTOR SHALL CONFORM TO THE LATEST REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT. IF DEVIATION FROM THE REQUIREMENTS ARE PROPOSED THE ENGINEER SHALL BE CONTACTED IMMEDIATELY.
- CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICTS ALL WORK ASSOCIATED WITH THE PROJECT.
- BEFORE INSTALLATION OF STORM OR SANITARY SEWER, OR OTHER UTILITY, THE CONTRACTOR SHALL VERIFY ALL CROSSINGS, BY EXCAVATION WHERE NECESSARY, AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT HE IS NOT NOTIFIED OF DESIGN CONFLICTS PRIOR TO CONSTRUCTION.
- UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

DEMOLITION NOTES

- CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD.
- ALL DEMOLITION WASTE AND CONSTRUCTION DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OFF-SITE IN A STATE APPROVED WASTE SITE AND IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR DAMAGE ACCORDING TO THE APPROPRIATE UTILITY COMPANY STANDARDS AND AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY DISCONNECTION, REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY / AGENCY. UTILITY CONTACTS ARE LISTED ON THE COVERSHEET.
- THE BURNING OF CLEARED MATERIAL AND DEBRIS SHALL NOT BE ALLOWED UNLESS CONTRACTOR OBTAINS PRIOR WRITTEN AUTHORIZATION FROM THE LOCAL AUTHORITIES.
- EROSION AND SEDIMENTATION CONTROL MEASURES AROUND AREAS OF DEMOLITION SHALL BE PROPERLY INSTALLED AND SHALL FUNCTION PROPERLY PRIOR TO INITIALIZATION OF DEMOLITION OR EARTH DISTURBING ACTIVITIES.
- ASBESTOS OR HAZARDOUS MATERIALS ARE NOT EXPECTED, IF FOUND ON SITE, SUCH MATERIALS SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIALS CONTRACTOR. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED.
- CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL AND OSHA REGULATIONS DURING ALL DEMOLITION ACTIVITIES.
- CONTRACTOR SHALL PROTECT ALL CORNER PINS, MONUMENTS, PROPERTY CORNERS AND BENCHMARKS DURING DEMOLITION ACTIVITIES. IF DISTURBED, CONTRACTOR SHALL HAVE DISTURBED ITEMS RESET BY A LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, STRUCTURES, AND FEATURES TO REMAIN. ANY ITEMS TO REMAIN THAT HAVE BEEN DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION REGULATIONS AND AS REQUIRED BY LOCAL AGENCIES WHEN WORKING IN AND/OR ALONG STREETS, ROADS, HIGHWAYS, ETC. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL AND COORDINATE WITH LOCAL AND/OR STATE AGENCIES REGARDING THE NEED, EXTENT AND LIMITATIONS ASSOCIATED WITH INSTALLING AND MAINTAINING TRAFFIC CONTROL MEASURES.
- PROVIDE NEAT, STRAIGHT, FULL DEPTH, SAW CUTS OF EXISTING PAVEMENT WHERE INDICATED ALONG LIMITS OF PAVEMENT DEMOLITION.
- ALL UTILITY AND STRUCTURE REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED AND PROPERLY DOCUMENTED BY A CERTIFIED PROFESSIONAL, WHEN APPLICABLE, WITH THE APPROPRIATE UTILITY COMPANY, MUNICIPALITY AND/OR AGENCY. DEMOLITION CONTRACTOR SHALL REFER TO ANY ENVIRONMENTAL STUDIES FOR DEMOLITION RECOMMENDATIONS AND GUIDANCE. AVAILABLE ENVIRONMENTAL STUDIES MAY INCLUDE, BUT ARE NOT LIMITED TO: PHASE I ESA, PHASE II, WETLAND AND STREAM DELINEATION AND ASBESTOS SURVEY. ALL APPLICABLE ENVIRONMENTAL STUDIES SHALL BE MADE AVAILABLE UPON REQUEST.
- NO TREES SHALL BE REMOVED, NOR VEGETATION DISTURBED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., WITHIN THE AREA TO BE DEMOLISHED SHALL BE REMOVED TO FULL DEPTH. EXISTING BASE COURSE MATERIALS MAY BE WORKED INTO THE NEW PAVEMENT OR BUILDING SUBGRADE PROVIDED THAT THE GRADATION, CONSISTENCY, COMPACTION, SUBGRADE CONDITION, ETC., ARE IN ACCORDANCE WITH THE SPECIFICATIONS AND RECOMMENDATIONS OF THE REPORT OF GEOTECHNICAL INVESTIGATION. BASE COURSE MATERIALS SHALL NOT BE WORKED INTO THE SUBGRADE AREAS TO RECEIVE LANDSCAPING.
- THE CONTRACTOR SHALL USE SUITABLE METHODS TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION ACTIVITIES.

LAYOUT NOTES

- THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. RELOCATE EXISTING UTILITIES AS INDICATED, OR AS NECESSARY FOR CONSTRUCTION.
- PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES, INCLUDING IRRIGATION SLEEVING, PRIOR TO INSTALLATION OF PAVED SURFACES.
- THE CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN.
- SITE WORK CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH TO ALL SURFACES. SITE WORK CONCRETE SHALL BE CLASS 'A' (4,000 PSI @ 28 DAYS) UNLESS OTHERWISE NOTED.
- ALL DAMAGE TO EXISTING PAVEMENT TO REMAIN WHICH RESULTS FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH LIKE MATERIALS AT THE CONTRACTOR'S EXPENSE.
- SITE DIMENSIONS SHOWN ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL MAINTAIN ONE SET OF AS-BUILT // RECORD DRAWINGS ON THE JOB SITE DURING CONSTRUCTION FOR DISTRIBUTION TO THE OWNER AND/OR OWNER'S REPRESENTATIVE UPON COMPLETION.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS AND LOCATIONS OF UTILITY SERVICE ENTRY LOCATIONS AND PRECISE BUILDING DIMENSIONS. SHOULD SIGNIFICANT VARIATION EXIST BETWEEN WHAT IS SHOWN HEREIN THE CONTRACTOR SHALL CONTACT THE ENGINEER.
- THIS SITE LAYOUT IS SPECIFIC TO THE APPROVALS NECESSARY FOR THE CONSTRUCTION IN ACCORDANCE WITH CITY OF STOCKTON STANDARDS. NO CHANGES TO THE SITE LAYOUT ARE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. CHANGES MADE TO THE SITE LAYOUT WITHOUT APPROVAL IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. CHANGES INCLUDE BUT ARE NOT LIMITED TO, INCREASED IMPERVIOUS PAVEMENT, ADDITION / DELETION OF PARKING SPACES, MOVEMENT OF CURB LINES, CHANGES TO DRAINAGE STRUCTURES AND PATTERNS, LANDSCAPING, ETC.

DRAINAGE NOTES

- DISTANCES SHOWN ON PIPING ARE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE INSTALLATION, INSPECTION, TESTING AND FINAL ACCEPTANCE OF ALL NEW STORMWATER MANAGEMENT FACILITIES CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH ALL APPLICABLE REGULATING AGENCIES CONCERNING INSTALLATION, INSPECTION AND APPROVAL OF THE STORM DRAINAGE SYSTEM CONSTRUCTION.
- ALL STORMWATER MANAGEMENT FACILITIES, INCLUDING COLLECTION AND CONVEYANCE STRUCTURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS.
- ANY WORK PERFORMED IN THE LOCAL OR STATE RIGHT OF WAYS SHALL BE IN ACCORDANCE WITH THE APPLICABLE LOCAL OR STATE REQUIREMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE NECESSARY PERMITS FOR THE WORK, SCHEDULE NECESSARY INSPECTIONS, AND PROVIDE THE NECESSARY TRAFFIC CONTROL MEASURES AND DEVICES, ETC., FOR WORK PERFORMED IN THE RIGHT OF WAYS.
- THE CONTRACTOR SHALL OBSERVE AND TEST THE PLACEMENT OF THE FILL TO VERIFY THAT SPECIFICATIONS ARE MET. A SERIES OF FILL DENSITY TESTS WILL BE DETERMINED ON EACH LIFT OF FILL. INTERIM REPORTS SHOWING FILL QUALITY WILL BE MADE TO THE OWNER AT REGULAR INTERVALS.
- THE GEOTECHNICAL ENGINEER SHALL NOTIFY THE CONTRACTOR OF REJECTION OF A LIFT OF FILL OR PORTION THEREOF. THE CONTRACTOR SHALL REWORK THE REJECTED PORTION OF FILL AND OBTAIN NOTIFICATION FROM THE GEOTECHNICAL ENGINEER OF ITS ACCEPTANCE PRIOR TO THE PLACEMENT OF ADDITIONAL FILL.
- ALL AREAS TO RECEIVE FILL SHALL BE SCARIFIED TO A DEPTH OF NOT LESS THAN 6 INCHES AND THEN COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. THE GEOTECHNICAL ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING THE ACCEPTABILITY OF SOILS PLACED. ANY UNACCEPTABLE SOILS PLACED SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE.
- THE SEQUENCE OF OPERATION IN THE FILL AREAS WILL BE FILL, COMPACT, VERIFY ACCEPTABLE SOIL DENSITY, AND REPETITION OF THE SEQUENCE. THE ACCEPTABLE MOISTURE CONTENTS DURING THE FILLING OPERATION ARE THOSE AT WHICH SATISFACTORY DRY DENSITIES CAN BE OBTAINED. THE ACCEPTABLE MOISTURE CONTENTS DURING THE FILLING OPERATION IN THE REMAINING AREAS ARE FROM -2 TO +2 PERCENT ABOVE THE OPTIMUM MOISTURE VALUE.
- THE SURFACE OF THE FILL SHALL BE FINISHED SO THAT IT WILL NOT IMPOUND WATER. IF AT THE END OF A DAYS WORK IT WOULD APPEAR THAT THERE MAY BE RAIN PRIOR TO THE NEXT WORKING DAY, THE SURFACE SHALL BE FINISHED SMOOTH. IF THE SURFACE HAS BEEN FINISHED SMOOTH FOR ANY REASON, IT SHALL BE SCARIFIED BEFORE PROCEEDING WITH THE PLACEMENT OF SUCCEEDING LIFTS. FILL SHALL NOT BE PLACED ON FROZEN GROUND, NOR SHALL FILLING OPERATIONS CONTINUE WHEN THE TEMPERATURE IS SUCH AS TO PERMIT THE LAYER UNDER PLACEMENT TO FREEZE.
- ALL FILLED PLACES, INCLUDING TRENCH BACKFILLS, UNDER BUILDINGS, PROPOSED STORM & SANITARY SEWER LINES, ETC. SHALL BE COMPACTED TO THE CRITERIA AS SPECIFIED BY THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT OR BE EQUAL TO THE REQUIREMENTS OF CEDAR COUNTY IF SO ESTABLISHED.
- ANY CONTAMINATED SOIL ENCOUNTERED DURING EXCAVATION SHALL BE HAULED AND PLACED AS DIRECTED BY THE OWNERS ENVIRONMENTAL ENGINEERING REPRESENTATIVE.

GRADING NOTES

- CONTRACTOR SHALL ADHERE TO THE EROSION CONTROL PLAN PREPARED FOR THIS PROJECT.
- REFER TO AND FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED BY ECS MIDWEST, LLC, DATED SEPTEMBER 4, 2024.
- EARTHWORK SHALL INCLUDE CLEARING AND GRUBBING, STRIPPING AND STOCKPILING TOPSOIL, MASS GRADING, EXCAVATION, FILLING, UNDER CUT AND REPLACEMENT, IF REQUIRED, AND COMPACTION.
- CONTRACTOR TO REFILL UNDERCUT AREAS WITH SUITABLE MATERIAL AND COMPACT AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- PLACE TOPSOIL OVER THE SUBGRADE OF UNPAVED, DISTURBED AREAS TO A DEPTH INDICATED ON THE LANDSCAPE PLANS.
- PAVEMENT SLOPES ACROSS ACCESSIBLE PARKING STALLS AND ADJOINING ACCESSIBLES SHALL BE MAXIMUM 2%.
- NO SLOPE SHALL EXCEED 3:1 (HORIZONTAL:VERTICAL) UNLESS NOTED OTHERWISE.
- ALL AREAS NOT PAVED SHALL BE STABILIZED IN ACCORDANCE WITH THE EROSION CONTROL PLAN, UNLESS NOTED OTHERWISE.
- ALL EXCESS SOIL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED. SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFF-SITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
- ALL EVACUATED AREAS BENEATH AND WITHIN TWO FEET OF THE PAVEMENT SHALL BE BACKFILLED WITH GRANULAR MATERIAL AND COMPACTED TO 90% MAXIMUM DENSITY AS DETERMINED BY THE "STANDARD ASHTO T-180 COMPACTION TEST" (ASTM D-1557-70). ALL OTHER AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL PLACED IN THE 8" MAXIMUM THICKNESS LIFTS, FREE OF FROZEN PARTICLES, AND COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557-70 OR AS OTHERWISE DETERMINED BY THE GEOTECHNICAL ENGINEER.
- ALL SOILS TEST SHALL BE VERIFIED BY A GEOTECHNICAL ENGINEER CONCURRENT WITH THE GRADING AND BACKFILLING OPERATIONS.
- A GEOTECHNICAL ENGINEER SHALL BE EMPLOYED BY THE OWNER AND BE ON SITE DURING GRADING OPERATIONS. ALL SOILS TESTS SHALL BE VERIFIED BY THE GEOTECHNICAL ENGINEER CONCURRENT WITH THE GRADING AND BACK FILLING OPERATIONS.
- THE GRADING CONTRACTOR SHALL PERFORM A COMPLETE GRADING AND COMPACTION OPERATION AS SHOWN ON THE PLANS, STATED IN THESE NOTES, OR REASONABLY IMPLIED THERE FROM, ALL IN ACCORDANCE WITH THE PLANS AND NOTES AS INTERPRETED BY THE GEOTECHNICAL ENGINEER.
- ALL AREAS SHALL BE ALLOWED TO DRAIN. ALL LOW POINTS SHALL BE PROVIDED WITH TEMPORARY DITCHES.
- ANY EXISTING TRASH AND DEBRIS CURRENTLY ON THIS PROPERTY MUST BE REMOVED AND DISPOSED OF OFF-SITE IN AN APPROVED MANNER.
- SITE PREPARATION INCLUDES THE CLEARANCE OF ALL STUMPS, TREES, BUSHES, SHRUBS, AND WEEDS; THE GRUBBING AND REMOVAL OF ROOTS AND OTHER SURFACE OBSTRUCTIONS FROM THE SITE; AND THE DEMOLITION AND REMOVAL OF ANY MAN-MADE STRUCTURES. THE UNSUITABLE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF-SITE. TOPSOIL AND GRASS IN THE FILL AREAS SHALL BE THOROUGHLY DISCED PRIOR TO THE PLACEMENT OF ANY FILL. THE GEOTECHNICAL ENGINEER SHALL APPROVE THE DISCING OPERATION.
- TREE CLEARING WILL BE PERFORMED BY THE OWNER IN ADVANCE OF FULL SITE WORK (NOT INCLUDING STUMP GRINDING).
- COMPACTION EQUIPMENT SHALL CONSIST OF TAMPING ROLLERS, PNEUMATIC-TIRED ROLLERS, VIBRATORY ROLLER, OR HIGH SPEED IMPACT TYPE DRUM ROLLERS ACCEPTABLE TO THE GEOTECHNICAL ENGINEER. THE ROLLER SHALL BE DESIGNED SO AS TO AVOID THE CREATION OF A LAYERED FILL WITHOUT PROPER BLENDING OF SUCCESSIVE FILL LAYERS.
- THE GEOTECHNICAL ENGINEER SHALL OBSERVE AND TEST THE PLACEMENT OF THE FILL TO VERIFY THAT SPECIFICATIONS ARE MET. A SERIES OF FILL DENSITY TESTS WILL BE DETERMINED ON EACH LIFT OF FILL. INTERIM REPORTS SHOWING FILL QUALITY WILL BE MADE TO THE OWNER AT REGULAR INTERVALS.
- THE GEOTECHNICAL ENGINEER SHALL NOTIFY THE CONTRACTOR OF REJECTION OF A LIFT OF FILL OR PORTION THEREOF. THE CONTRACTOR SHALL REWORK THE REJECTED PORTION OF FILL AND OBTAIN NOTIFICATION FROM THE GEOTECHNICAL ENGINEER OF ITS ACCEPTANCE PRIOR TO THE PLACEMENT OF ADDITIONAL FILL.
- ALL AREAS TO RECEIVE FILL SHALL BE SCARIFIED TO A DEPTH OF NOT LESS THAN 6 INCHES AND THEN COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. THE GEOTECHNICAL ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING THE ACCEPTABILITY OF SOILS PLACED. ANY UNACCEPTABLE SOILS PLACED SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE.
- THE SEQUENCE OF OPERATION IN THE FILL AREAS WILL BE FILL, COMPACT, VERIFY ACCEPTABLE SOIL DENSITY, AND REPETITION OF THE SEQUENCE. THE ACCEPTABLE MOISTURE CONTENTS DURING THE FILLING OPERATION ARE THOSE AT WHICH SATISFACTORY DRY DENSITIES CAN BE OBTAINED. THE ACCEPTABLE MOISTURE CONTENTS DURING THE FILLING OPERATION IN THE REMAINING AREAS ARE FROM -2 TO +2 PERCENT ABOVE THE OPTIMUM MOISTURE VALUE.
- THE SURFACE OF THE FILL SHALL BE FINISHED SO THAT IT WILL NOT IMPOUND WATER. IF AT THE END OF A DAYS WORK IT WOULD APPEAR THAT THERE MAY BE RAIN PRIOR TO THE NEXT WORKING DAY, THE SURFACE SHALL BE FINISHED SMOOTH. IF THE SURFACE HAS BEEN FINISHED SMOOTH FOR ANY REASON, IT SHALL BE SCARIFIED BEFORE PROCEEDING WITH THE PLACEMENT OF SUCCEEDING LIFTS. FILL SHALL NOT BE PLACED ON FROZEN GROUND, NOR SHALL FILLING OPERATIONS CONTINUE WHEN THE TEMPERATURE IS SUCH AS TO PERMIT THE LAYER UNDER PLACEMENT TO FREEZE.
- ALL FILLED PLACES, INCLUDING TRENCH BACKFILLS, UNDER BUILDINGS, PROPOSED STORM & SANITARY SEWER LINES, ETC. SHALL BE COMPACTED TO THE CRITERIA AS SPECIFIED BY THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT OR BE EQUAL TO THE REQUIREMENTS OF CEDAR COUNTY IF SO ESTABLISHED.
- ANY CONTAMINATED SOIL ENCOUNTERED DURING EXCAVATION SHALL BE HAULED AND PLACED AS DIRECTED BY THE OWNERS ENVIRONMENTAL ENGINEERING REPRESENTATIVE.

UTILITY NOTES

- ALL PROPOSED UTILITY LINES AND EXTENSIONS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE CORRESPONDING UTILITY'S SPECIFICATIONS. CONTRACTOR SHALL COORDINATE UTILITY DISCONNECTIONS WITH THE APPROPRIATE AGENCY.
- THE CONTRACTOR IS PARTICULARLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF THE EXISTING UTILITIES SHOWN HEREON IS BASED ON TOPOGRAPHIC SURVEYS AND RECORD DRAWINGS. THE CONTRACTOR SHALL NOT RELY UPON THIS INFORMATION AS BEING EXACT OR COMPLETE. SHOULD UNCHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE FOR INSTRUCTIONS. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION AND REQUEST FIELD VERIFICATION OF UTILITY LOCATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE EXISTING UTILITIES CONFLICTING WITH IMPROVEMENTS SHOWN HEREON IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES SO THAT WATER LINES, GAS LINES, AND UNDERGROUND ELECTRIC DO NOT CONFLICT WITH SANITARY SEWERS OR STORM SEWERS. INSTALL UTILITIES PRIOR TO PAVEMENT CONSTRUCTION.
- ALL TRENCH SPOILS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED. SPOILS SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFF SITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
- ADJUST ALL EXISTING UTILITY SURFACE FEATURES INCLUDING BUT NOT LIMITED TO CASTINGS, VALVE BOXES, PEDESTALS, CLEANOUTS, ETC. TO MATCH PROPOSED FINISHED GRADES, UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF ALL IMPROVEMENTS. INCLUDE AT LEAST TWO DIMENSIONS TO EACH VALVE AND MANHOLE FROM KNOWN SITE FEATURES. DRAWINGS SHALL INCLUDE HORIZONTAL AND VERTICAL INFORMATION ON ALL NEW UTILITIES AS WELL AS EXISTING UTILITIES ENCOUNTERED.
- CONTRACTOR SHALL COORDINATE WITH EACH UTILITY PROVIDER THE INSTALLATION OF UTILITY CONDUITS FOR TELEPHONE, ELECTRIC, GAS, IRRIGATION, AND ETC. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR FOR THE TRENCHING AND CONDUIT INSTALLATION. COST FOR INSTALLATION AND MATERIALS SHALL BE INCLUDED IN VARIOUS BID ITEMS.
- ALL DOWNSPOUT COLLECTORS TO BE CONSTRUCTED OF PVC SDR-35 OR SIMILAR, OR AS REQUIRED BY CODE.
- ALL METER VALVE BOXES SHALL BE PER WATER COMPANY SPECIFICATIONS.
- THE SITE LIGHTING LAYOUT SHOWN HEREON IS BY OTHERS AND IS FOR COORDINATION PURPOSES ONLY. CIVIL & ENVIRONMENTAL CONSULTANTS, INC. HAS NOT PERFORMED A SITE LIGHTING DESIGN FOR THIS PROJECT AND SUCH SHALL NOT BE INFERRED DUE THE ILLUSTRATION OF FIXTURE DESIGNATIONS AND LOCATIONS SHOWN HEREON. PLEASE REFER TO SEPARATE PLANS BY OTHERS FOR DETAILED FIXTURE AND POLE SPECIFICATIONS, ELECTRICAL LAYOUT AND CONTROL SYSTEM DESIGNS AND ANY OTHER SITE LIGHTING ELEMENTS.
- ALL TRENCH BACKFILLS UNDER PAVED AREAS SHALL BE GRANULAR BACKFILL AND SHALL BE COMPACTED TO 90% OF THE MAXIMUM DENSITY AS DETERMINED BY THE "STANDARD ASHTO T-180 COMPACTION TEST," (A.S.T.M.-D-1557). ALL OTHER TRENCH BACKFILLS MAY BE EARTH MATERIAL (FREE OF LARGE CLODS OR STONES). REFER TO MUNICIPAL AND/OR AGENCY CONSTRUCTION SPECIFICATION MANUAL.
- ALL P.V.C. SANITARY SEWER IS TO BE SDR-35 OR EQUAL WITH CLEAN 1/2" TO 1" GRANULAR STONE BEDDING UNIFORMLY GRADED. THIS BEDDING SHALL EXTEND FROM 4" BELOW THE PIPE TO THE SPRINGLINE OF THE PIPE. IMMEDIATE BACKFILL OVER PIPE SHALL CONSIST OF SAME SIZE "CLEAN" OR MINUS STONE FROM SPRINGLINE OF PIPE TO 12" ABOVE THE TOP OF PIPE.
- ALL WATER LINES SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY, FROM ANY SANITARY SEWER, STORM SEWER, OR MANHOLE. 18" VERTICAL CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE SHALL BE MAINTAINED WHEREVER WATER LINES MUST CROSS SANITARY SEWERS, LATERALS, OR STORM DRAINS. THE WATER LINE SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER LINE IS ABOVE THE TOP OF THE DRAIN OR SEWER. A FULL LENGTH OF WATER PIPE SHALL BE CENTERED OVER THE SEWER LINE TO BE CROSSED SO THAT THE JOINTS WILL BE EQUALLY DISTANT FROM THE SEWER AND AS REMOTE THEREFROM AS POSSIBLE. THIS VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER LINE LOCATED WITHIN 10 FEET HORIZONTALLY, OF ANY SEWER OR DRAIN IT CROSSES.
- ALL PVC WATER PIPE SHALL CONFORM TO A.S.T.M.-D-2241, SDR 21, STANDARD SPECIFICATION FOR P.V.C. PRESSURE PIPE, 200 P.S.I. WORKING PRESSURE FOR WATER, WITH APPROVED JOINT.
- WATER LINES, VALVES, SLEEVES, METERS, AND FITTINGS SHALL MEET ALL SPECIFICATIONS AND INSTALLATION REQUIREMENTS OF WATER COMPANY. CONTRACTOR TO NOTIFY ALL AFFECTED PROPERTY OWNERS. ANY SHUTTING DOWN OF THE PUBLIC WATER SUPPLY SHALL BE COORDINATED WITH THE WATER COMPANY.
- BRICK WILL NOT BE USED IN THE CONSTRUCTION OF SANITARY SEWER MANHOLES.
- GAS, WATER AND OTHER UNDERGROUND UTILITIES SHALL NOT CONFLICT WITH THE DEPTH OR HORIZONTAL LOCATION OF EXISTING OR PROPOSED SANITARY OR STORM SEWERS, INCLUDING HOUSE LATERALS.
- ALL EXISTING SITE IMPROVEMENTS DISTURBED, DAMAGED OR DESTROYED SHALL BE REPAIRED OR REPLACED TO MATCH PRE-CONSTRUCTION CONDITIONS.
- HIGH DENSITY POLYETHYLENE PIPE (HDPE) FOR STORM SEWERS SHALL MEET ASHTO M294 OR ASTM F2306.

WATER SERVICE GENERAL NOTES

- ALL PROPOSED WATER MAINS AND HYDRANTS TO BE LAID IN DEDICATED UTILITY EASEMENT APPROVED BY THE CITY OF STOCKTON WATER SERVICE, INC.
- ALL PROPOSED WATER MAINS ARE TO MAINTAIN MINIMUM OF 10 FT HORIZONTAL AND 18 INCH VERTICAL SEPARATION FROM SEWERS.
- RESTRAINED JOINT GASKETS MAY BE REQUIRED ON HORIZONTAL PIPE TO PIPE APPLICATIONS.
- LOCATION OF THE CITY OF STOCKTON WATER FACILITIES ARE BASED ON RECORD INFORMATION AT TIME OF INSTALLATION, AND MAY VARY SEVERAL FEET FROM DIMENSIONS GIVEN.
- CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHAT BENDS, TEES, REDUCERS, BLOW-OFFS, ETC. ARE NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH CITY OF STOCKTON STANDARD SPECIFICATIONS FOR INSTALLATION OF WATER FACILITIES, WATER MAIN INSTALLATION DETAILS, AND THIS DEVELOPMENT'S WATER MAIN LAYOUT.
- BE ADVISED, PURCHASING INCORRECT FITTINGS AND/OR AN INSUFFICIENT NUMBER OF FITTINGS MAY CAUSE SIGNIFICANT CONSTRUCTION DELAYS.
- IF RESTRAINED JOINT DUCTILE IRON PIPE IS REQUIRED, DUCTILE IRON FITTINGS AND VALVES SHALL BE MECHANICAL JOINT UTILIZING MEGA LUGS IN CONJUNCTION WITH PTFE POLYMER COATED BOLTS (EX. XYLAN FLUORKOTE #1) FOR RESTRAINT.
- JOINT RESTRAINED DUCTILE IRON PIPE WITH CASING MAY BE REQUIRED WHEN INSTALLED WATER MAIN IS IN CLOSE PROXIMITY OF OTHER STRUCTURES AS FIELD DETERMINED BY A CITY OF STOCKTON WATER REPRESENTATIVE.
- LOCATION OF PROPOSED WATER MAIN MAY CHANGE DUE TO FIELD CONDITIONS DETERMINED BY A CITY OF STOCKTON WATER FIELD REPRESENTATIVE AND APPROVED BY CEDAR COUNTY.
- NO WARPING OR BENDING OF PVC PIPE SHALL BE ALLOWED.
- GRANULAR BACKFILL SHALL BE REQUIRED UNDER ALL PAVEMENT.

ABBREVIATIONS

AC	ACRES
ADA	AMERICANS WITH DISABILITIES ACT
ADAA	AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
AI	AREA INLET
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATG	ADJUST TO GRADE
BC	BASE OF CURB AT FLOWLINE
BFP	BACK FLOW PREVENTION
BLDG	BUILDING
C.O.	CLEANOUT
CI	CURB INLET
COMM	U/G COMMUNICATION LINE
CONC	CONCRETE
C.U.Y.D.	CUBIC YARD
DI	DUCTILE IRON
DIA	DIAMETER
DB	DRAIN BASIN
DR	DIMENSION RATIO
DS	DOWNSPOUT
DNR	MISSOURI DEPARTMENT OF NATURAL RESOURCES
ELEV	ELEVATION
ETC.	ET CETRA
EX	EXISTING
E.O.P.	END OF PIPE
FEMA	FEDERAL EMERGENCY MANAGEMENT ADMINISTRATION
FF	FINISHED FLOOR ELEVATION
FL	FLOW LINE
FO	FOUNDATION
FT	FEET
G	U/G GAS LINE
GI	GRADED INLET
G.I. W/S.I.	GRATE INLET WITH SIDE INTAKE
HDPE	HIGH DENSITY POLYETHYLENE
HGT	HEIGHT
IMP	IMPERVIOUS
INV	INVERT
INC.	INCORPORATED
IRRIG	U/G IRRIGATION LINE
MW	MISSOURI AMERICAN WATER
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MODOT	MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT
MSD	METROPOLITAN ST. LOUIS SEWER DISTRICT
N.T.S.	NOT TO SCALE
OA	OVERALL HEIGHT
PP	POLY PROPYLENE
PSI	POUNDS PER SQUARE INCH
PVC	POLY VINYL CHLORIDE
PVMT	PAVEMENT
R	RADIUS
RD	ROAD
ROOF	ROOF DRAIN
SAN: SS	SANITARY SEWER
SDR	STANDARD DIMENSIONAL RATIO
SQ.FT.	SQUARE FEET
ST	STORM
U/G	U/G PHONE AND/OR DATA LINE
TBR	TO BE REMOVED
TBR&R	TO BE REMOVED & RELOCATED
TC	TOP OF CURB
TD	TRENCH DRAIN
TS	TOP OF SURFACE
TW	TOP OF WALL ELEVATION
TYP	TYPICAL
UG: U/G	UNDERGROUND
UG-E	U/G ELECTRIC LINE
USGS	UNITED STATES GEOLOGICAL SURVEY
UST	U/G PETROLEUM STORAGE TANK
W	WATER
XFRMR	TRANSFORMER

GENERAL NOTES

DATE:	APRIL 2026	DRAWN BY:	AWM	CHECKED BY:	THA	PTB
DWG SCALE:				NONE		
PROJECT NO:					345-737	
APPROVED BY:						

DRAWING NO.:

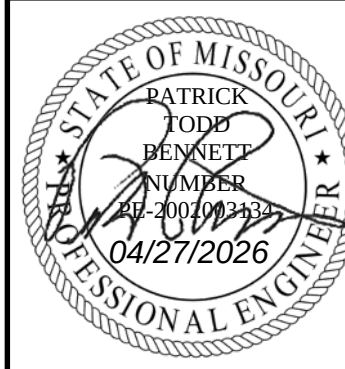
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SHEET 2 OF 19

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MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785





SCALE IN FEET

SCALE IN FEET

	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE
	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING DRAINAGE DITCH
	EXISTING ROADWAY CENTERLINE
	EXISTING STRUCTURE
	EXISTING STORM PIPE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD WIRE
	EXISTING ELECTRIC LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING VALVE
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING SANITARY MANHOLE
	EXISTING SANITARY CLEANOUT
	EXISTING GAS METER
	EXISTING GAS LINE MARKER
	EXISTING UTILITY POLE
	EXISTING ELECTRIC CONTROL CABINET
	EXISTING GUY WIRES
	EXISTING ELECTRIC METER
	EXISTING LIGHT POLE
	EXISTING FIBER OPTICS BOX
	EXISTING FIBER OPTICS LINE MARKER
	EXISTING FIBER OPTICS PULL BOX
	EXISTING GRAVEL DRIVEWAY
	ASPHALT PAVEMENT TO BE DEMOLISHED
	PROPOSED PAVEMENT SAWCUT
	EXISTING LIGHTPOLE TO BE REMOVED
	EXISTING ELECTRIC METER TO BE RELOCATED
	EXISTING OVERHEAD WIRE TO BE RELOCATED
	EXISTING SANITARY CLEANOUT TO BE REMOVED
	EXISTING SIGN TO BE RELOCATED
	EXISTING UTILITY POLE TO BE RELOCATED

- 1 EXISTING CURB TO BE REMOVED.
- 2 PAVEMENT TO BE SAWCUT FOR REMOVAL.
- 3 EXISTING ASPHALT PAVEMENT TO BE REMOVED.
- 4 EXISTING LIGHT POLE TO BE REMOVED.
- 5 SANITARY CLEANOUT TO BE REMOVED.
EXISTING OVERHEAD UTILITY WIRES TO BE RELOCATED.
- 6 COORDINATE RELOCATION WITH ELECTRIC/TELEPHONE UTILITY COMPANY.
- 7 UTILITIES TO BE PROTECTED BY CONTRACTOR DURING EARTH DISTURBING AND OTHER CONSTRUCTION ACTIVITIES.
- 8 NOT USED
- 9 EXISTING SANITARY CLEANOUT TO REMAIN. ADJUST RIM OF CLEANOUT TO PROPOSED GRADE.
- 10 PAVEMENT MARKINGS TO BE REMOVED.
- 11 EXISTING SIGN TO BE RELOCATED.
- 12 EXISTING UTILITY POLE AND GUY ANCHOR TO BE RELOCATED
- 13 SAWCUT EXISTING PAVEMENT TO CREATE CLEAN BUILT JOINT.

REVISION RECORD		
DESCRIPTION		
NO	DATE	
1	09-14-2008	REVISION 1
2	08-07-2008	REVISION 2
3	07-28-2008	REVISION 3
4	06-06-2008	REVISION 4 - ISSUED FOR CONSTRUCTION
5	05-20-2008	REVISION 5 - PERMITS
6	04-27-2008	REVISION 6 - PERMITS GOT REVERSED
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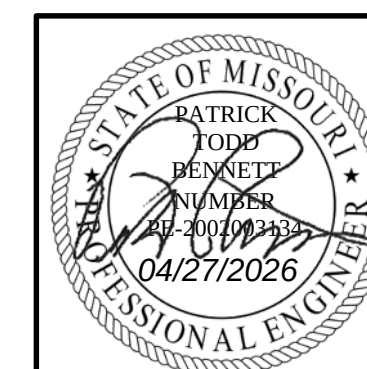
MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

EXISTING CONDITIONS & DEMOLITION PLAN

DRAWING NO.:

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SHEET 3 OF 19





MCDONALD'S SIGN LEGEND

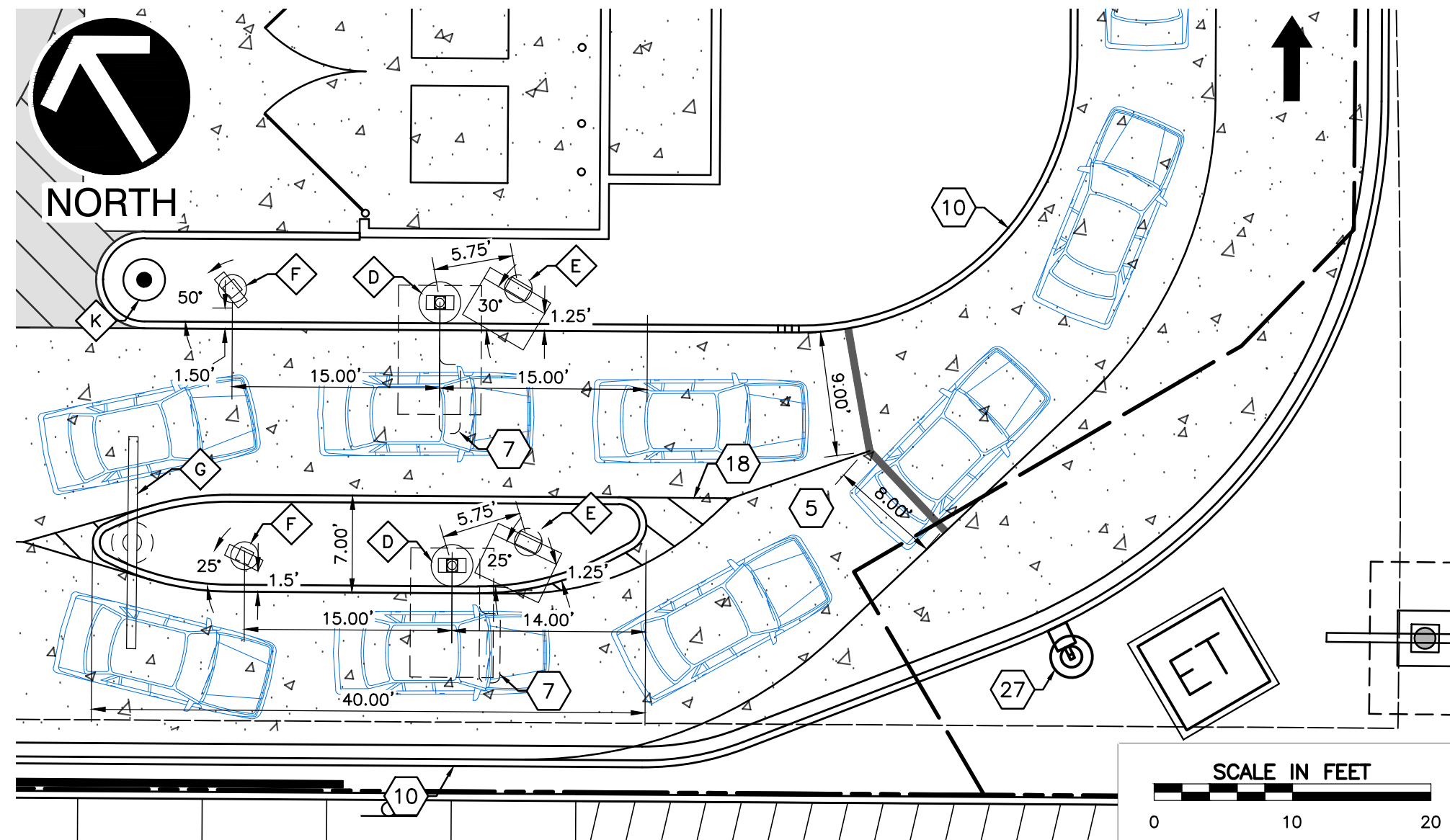
- A McDonald's Directional Enter Sign. Refer to Architectural and/or Sign Vendor Plans for Sign Details. Refer to this Plan Set for Structural Details.
- B McDonald's Directional Exit Sign. Refer to Architectural and/or Sign Vendor Plans for Sign Details. Refer to this Plan Set for Structural Details.
- C McDonald's Road Sign. Refer to Architectural and/or Sign Vendor Plans for Details.
- D McDonald's Drive-Thru Canopy. Refer to Architectural and/or Sign Vendor Plans for Sign Details. Refer to this Plan Set for Structural Details.
- E McDonald's Digital Menu Board. Refer to Architectural and/or Sign Vendor Plans for Sign Details. Refer to this Plan Set for Structural Details.
- F McDonald's Digital Pre-Browse Menu Board. Refer to Architectural and/or Sign Vendor Plans for Sign Details. Refer to this Plan Set for Structural Details.
- G McDonald's Gateway Sign (Double Arm). Refer to Architectural and/or Sign Vendor Plans for Sign Details. Refer to this Plan Set for Structural Details.
- H1 McDonald's Roll Forward - ("TURN LEFT") DRIVE-THRU SIGN. REFER TO ARCHITECTURAL AND/OR SIGN VENDOR PLANS FOR DETAILS. REFER TO THIS PLAN SET FOR STRUCTURAL DETAILS.
- H2 McDonald's Roll Forward - ("PULL AHEAD") DRIVE-THRU SIGN. REFER TO ARCHITECTURAL AND/OR SIGN VENDOR PLANS FOR DETAILS. REFER TO THIS PLAN SET FOR STRUCTURAL DETAILS.
- H3 McDonald's Roll Forward - ("PICK UP HERE") DRIVE-THRU SIGN. REFER TO ARCHITECTURAL AND/OR SIGN VENDOR PLANS FOR DETAILS. REFER TO THIS PLAN SET FOR STRUCTURAL DETAILS.
- I McDonald's McDelivery - ("COURIER PARKING") SIGN. REFER TO ARCHITECTURAL AND/OR SIGN VENDOR PLANS FOR DETAILS. REFER TO THIS PLAN SET FOR STRUCTURAL DETAILS.
- J McDonald's ("CURBSIDE PICK UP") SIGN. REFER TO ARCHITECTURAL AND/OR SIGN VENDOR PLANS FOR DETAILS. REFER TO THIS PLAN SET FOR STRUCTURAL DETAILS.
- K FLAGPOLE AND BASE. REFER TO VENDOR PLANS FOR FLAGPOLE DETAIL. REFER TO THIS PLAN SET FOR STRUCTURAL DETAILS. GENERAL CONTRACTOR TO COORDINATE WITH CONSTRUCTION MANAGER REGARDING ILLUMINATION OF FLAG.

NOTE:
ALL SIGNS/LOCATIONS/ORIENTATION SHALL BE CONFIRMED BY McDONALD'S/OPERATOR AND COORDINATED WITH SIGNAGE BRAND BOOK (BY OTHERS).

LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- EXISTING EASEMENT
- EXISTING RIGHT-OF-WAY
- EXISTING AND PROPOSED BUILDING SETBACKS
- EXISTING ROADWAY CENTERLINE
- EXISTING STRUCTURE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY CLEANOUT
- EXISTING GAS METER
- EXISTING GAS LINE MARKER
- EXISTING UTILITY POLE
- EXISTING ELECTRIC CONTROL CABINET
- EXISTING GUY WIRES
- EXISTING ELECTRIC METER
- EXISTING LIGHT POLE
- EXISTING FIBER OPTICS BOX

- EXISTING FIBER OPTICS LINE MARKER
- EXISTING FIBER OPTICS PULL BOX
- PROPOSED MEDIUM DUTY PAVEMENT
- PROPOSED LIGHT DUTY PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED DRIVE-THROUGH PARKING
- PROPOSED MCDELIVERY PARKING
- PROPOSED CURB SIDE PICK-UP PARKING
- PROPOSED DIRECTIONAL SIGN
- PROPOSED FREE STANDING SIGN
- PROPOSED ELECTRIC TRANSFORMER
- PROPOSED TAPPING SLEEVE AND VALVE
- PROPOSED GREASE PIT
- PROPOSED UTILITY POLE
- PROPOSED STORM STRUCTURES
- PROPOSED WATER METER
- PROPOSED LOT LIGHT
- PROPOSED SANITARY CLEANOUT



KEY NOTES

- 1 PROPOSED BUILDING. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
- 2 PROPOSED TRASH ENCLOSURE WITH STORAGE. REFER TO ARCHITECTURAL PLANS.
- 3 PROPOSED ASPHALTIC CONCRETE (LIGHT DUTY) PAVEMENT. REFER TO ASPHALTIC CONCRETE PAVEMENT DETAIL #01.
- 4 PROPOSED ASPHALTIC CONCRETE (HEAVY DUTY) PAVEMENT. REFER TO ASPHALTIC CONCRETE PAVEMENT DETAIL #01.
- 5 PROPOSED CONCRETE (LIGHT DUTY) PAVEMENT. REFER TO CONCRETE PAVEMENT DETAIL #02.
- 6 PROPOSED CONCRETE (HEAVY DUTY) PAVEMENT. REFER TO CONCRETE PAVEMENT DETAIL #02.
- 7 PROPOSED DETECTOR LOOP. REFER TO ELECTRICAL PLANS.
- 8 PROPOSED ADA COMPLIANT CONCRETE WALK. REFER TO CONCRETE SIDEWALK DETAIL #04.
- 9 PROPOSED ADA COMPLIANT COMBINATION CURB / SIDEWALK. REFER TO TURNED DOWN WALK CONCRETE WALK DETAIL #06.
- 10 PROPOSED 6" VERTICAL CONCRETE CURB AND/OR GUTTER. REFER TO VERTICAL CONCRETE CURB & GUTTER DETAIL #03.
- 11 PROPOSED ADA ACCESSIBLE DEPRESSED CURB RAMP. REFER TO ADA DEPRESSED CURB ACCESSIBLE RAMP DETAIL #5.
- 12 PROPOSED ADA ACCESSIBLE SPACES. REFER TO ACCESSIBLE PARKING DETAIL #09.
- 13 PROPOSED PAINTED ADA ACCESSIBLE PARKING SYMBOL. REFER TO ACCESSIBLE PARKING SYMBOL DETAIL #12.
- 14 PROPOSED ADA ACCESSIBLE PARKING SIGN(S). REFER TO ACCESSIBLE PARKING SIGN DETAIL #08.
- 15 PROPOSED RETAINING WALL (DESIGN BY OTHERS). SEE DETAIL 13/C800.
- 16 PROPOSED BRANDED PAVEMENT STRIPING TO MCDONALD'S STANDARDS. REFER TO PAVEMENT BRANDING DETAIL #10.
- 17 PROPOSED PAINTED DIRECTIONAL ARROWS.
- 18 PROPOSED PAVEMENT STRIPING. REFER TO CROSS STRIPING DETAIL #11.
- 19 PROPOSED PARKING STRIPING (WHITE).
- 20 PROPOSED PARKING STRIPING (YELLOW).
- 21 PROPOSED DRIVE THRU LANE STRIPING (6" WIDE). REFER TO MCDONALD'S STANDARDS.
- 22 PROPOSED MERGE STRIPING (6" WIDE). REFER TO MCDONALD'S STANDARDS.
- 23 PROPOSED MENU BOARD. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- 24 PROPOSED DRIVE-THRU CANOPY WITH DIGITAL ORDER BOARD. REFER TO ARCHITECTURAL PLAN FOR DETAILS.
- 25 PROPOSED PRE-ORDER MENU BOARD. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- 26 PROPOSED DOUBLE GATEWAY SIGN. REFER TO MCDONALD'S STANDARDS.
- 27 PROPOSED LOT LIGHT. REFER TO PHOTOMETRIC PLAN (BY OTHERS).
- 28 PROPOSED GUARDRAIL. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- 29 PROPOSED TRANSFORMER AND CONCRETE TRANSFORMER PAD.
- 30 PROPOSED UTILITY POLE. REFER TO ELECTRICAL PLAN.
- 31 START AND END POINTS OF VARIED HEIGHT CURB. CONTRACTOR TO GRADUALLY TRANSITION FROM 6" TO 12". SEE GRADING PLAN FOR SPOT ELEVATIONS.
- 32 PROPOSED CURB NOTCH FOR AREA DRAINAGE.
- 33 PROPOSED WOODS PARKING SIGN. REFER TO WOODS PARKING ONLY SIGN DETAIL #12.

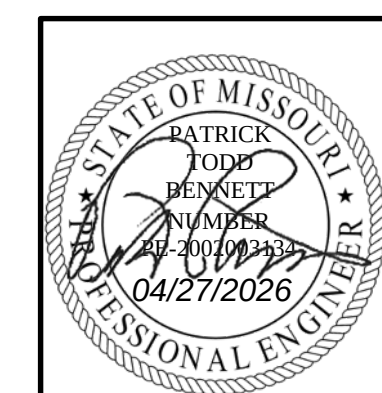
SMITH STREET (50'W)

CONTRACTOR TO INSTALL ALLAN BLOCK RETAINING WALL OR APPROVED EQUAL (COLOR & BLOCK TYPE TO BE APPROVED BY OWNER). SEE DETAIL 13/C800.

1109 SOUTH STREET
WOODS SUPER MARKET INC
PARCEL ID #
09-0-4-17-000-002-014.00
177/418

STATE HIGHWAY 39
(VARIABLE WIDTH)

SCALE IN FEET
0 20 40



REVISION RECORD

NO	DATE	DESCRIPTION
1	04/14/2026	REVISION 1
2	04/17/2026	REVISION 2
3	07/08/2026	REVISION 3
4	04/09/2026	REVISION 4 - ISSUED FOR CONSTRUCTION
5	04/02/2026	REVISION 5 - ROOF DATA REVISION
6	4/21/2026	REVISION 6 - PARALLEL OF REVISION

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MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

SITE PLAN

DATE:	APRIL 2026	DRAWN BY:	AWM
DWG SCALE:	AS SHOWN	CHECKED BY:	THA
PROJECT NO:			343-737
APPROVED BY:			PTB

DRAWING NO.:
C200
SHEET 4 OF 19



LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- EXISTING EASEMENT
- EXISTING RIGHT-OF-WAY
- EXISTING INDEX (MAJOR) CONTOUR
- EXISTING INTERMEDIATE (MINOR) CONTOUR
- EXISTING ROADWAY CENTERLINE
- EXISTING STRUCTURE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY CLEANOUT
- EXISTING GAS METER
- EXISTING GAS LINE MARKER
- EXISTING UTILITY POLE
- EXISTING ELECTRIC CONTROL CABINET
- EXISTING GUY WIRES
- EXISTING ELECTRIC METER
- EXISTING LIGHT POLE
- EXISTING FIBER OPTICS BOX
- EXISTING FIBER OPTICS LINE MARKER
- EXISTING FIBER OPTICS PULL BOX
- PROPOSED DIRECTIONAL SIGN
- PROPOSED FREE STANDING SIGN
- PROPOSED ELECTRIC TRANSFORMER
- PROPOSED TAPPING SLEEVE AND VALVE
- PROPOSED GREASE PIT
- PROPOSED UTILITY POLE
- PROPOSED STORM STRUCTURES
- PROPOSED WATER METER
- PROPOSED LOT LIGHT
- PROPOSED SANITARY CLEANOUT
- PROPOSED INDEX (MAJOR) CONTOUR
- PROPOSED INTERMEDIATE (MINOR) CONTOUR
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- PROPOSED 6" CURB SPOT ELEVATION
- PROPOSED WALL SPOT ELEVATION
- PROPOSED 6" CURB WITH AN EXISTING BOTTOM OF CURB SPOT ELEVATION
- PROPOSED LIMIT OF DISTURBANCE

GENERAL NOTES

- TW AND BW INDICATES THE PROPOSED GROUND ELEVATION AT THE TOP AND BOTTOM OF THE WALLS. WALLS MAY EXTEND ABOVE OR BELOW THE ELEVATIONS SHOWN.

REVISION RECORD

NO.	DATE	DESCRIPTION
1	04/11/2025	REVISION 1
2	04/11/2025	REVISION 2
3	01/08/2025	REVISION 3
4	04/09/2025	REVISION 4 - ISSUED FOR CONSTRUCTION
5	04/02/2025	REVISION 5 - REOF DATA REVISION
6	4/21/2025	REVISION 6 - PARALLEL REVISION

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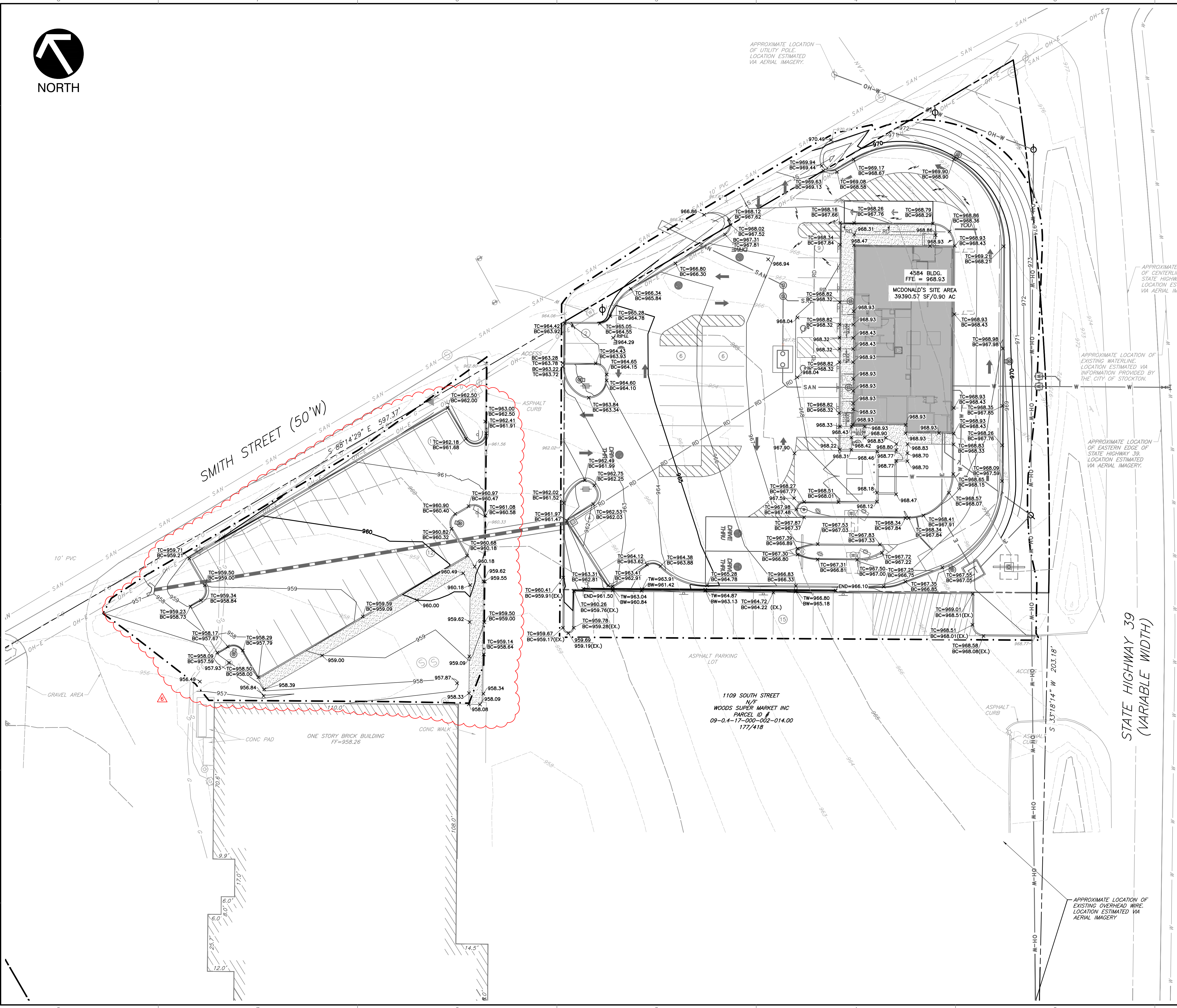
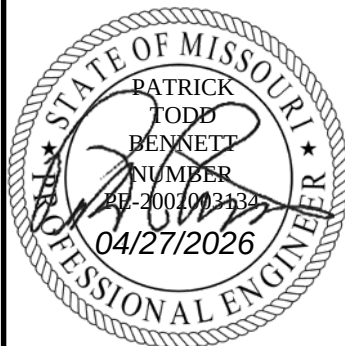
MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

GRADING PLAN

DATE:	APRIL 2025	DRAWN BY:	AWM
DWG SCALE:	1"=20'	CHECKED BY:	THA
PROJECT NO:	343-737		
APPROVED BY:			PTB

DRAWING NO.:
C300

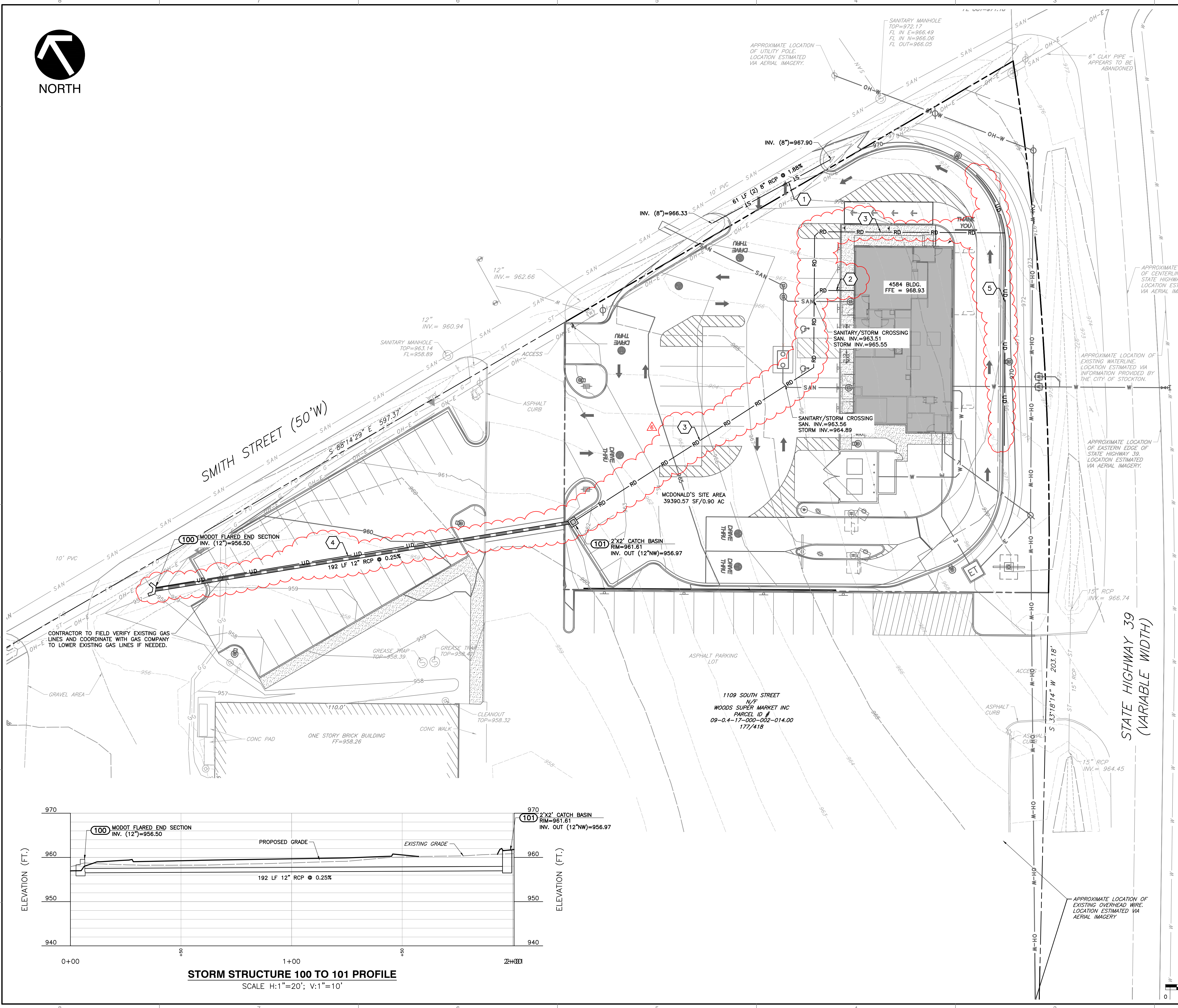
SHEET 5 OF 19



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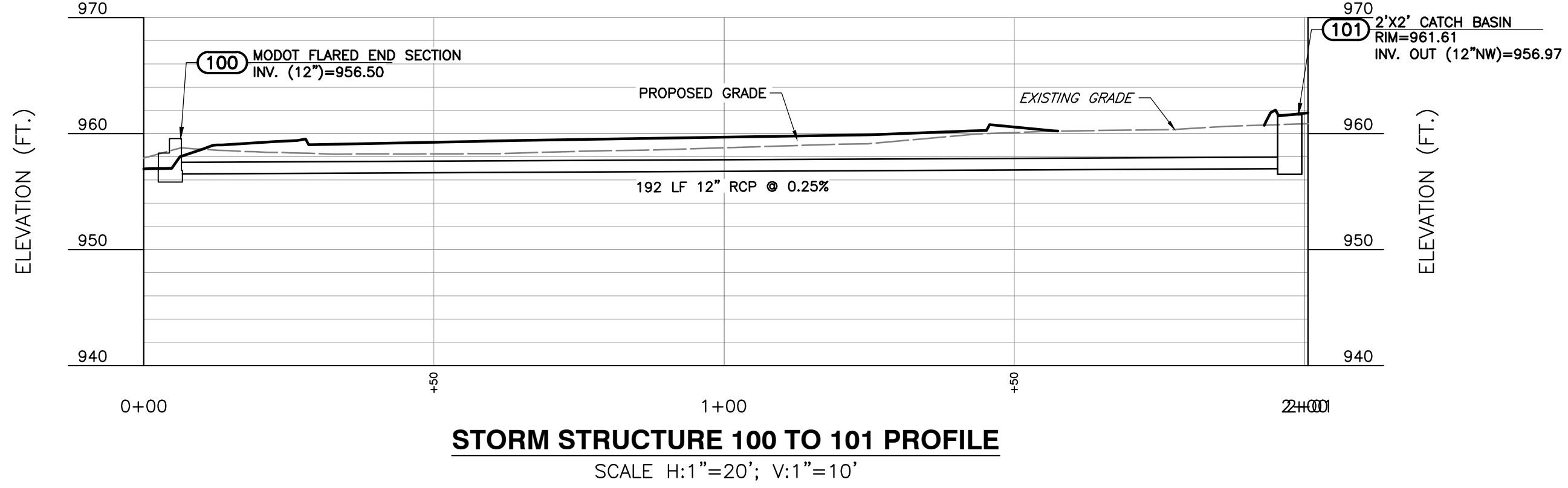


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LEGEND	
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE
	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING DRAINAGE DITCH
	EXISTING ROADWAY CENTERLINE
	EXISTING STORM PIPE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD WIRE
	EXISTING ELECTRIC LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING FIBER OPTIC LINE
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING SANITARY MANHOLE
	EXISTING SANITARY CLEANOUT
	EXISTING GAS METER
	EXISTING GAS LINE MARKER
	EXISTING UTILITY POLE
	EXISTING ELECTRIC CONTROL CABINET
	EXISTING GUY WIRES
	EXISTING ELECTRIC METER
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	EXISTING FIBER OPTICS BOX
	EXISTING FIBER OPTICS LINE MARKER
	EXISTING FIBER OPTICS PULL BOX
	PROPOSED DIRECTIONAL SIGN
	PROPOSED FREE STANDING SIGN
	PROPOSED ELECTRIC TRANSFORMER
	PROPOSED TAPPING SLEEVE AND VALVE
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	PROPOSED SANITARY CLEANOUT
	PROPOSED INDEX (MAJOR) CONTOUR
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	PROPOSED STORM STRUCTURES
	PROPOSED STORM PIPE
	PROPOSED ROOF DRAIN
	PROPOSED SANITARY LINE
	PROPOSED WATER LINE
	PROPOSED UNDERGROUND ELECTRIC LINE
	PROPOSED OVERHEAD WIRES
	PROPOSED TELEPHONE CONDUIT

- KEY NOTES**
- PROPOSED (2) 8" RCP DRIVEWAY CULVERTS.
 - PROPOSED 6" PVC SDR-35 ROOF DRAIN SLOPED AT MINIMUM 1% TO STORM STRUCTURE.
 - PROPOSED 12" PVC SDR-35 ROOF DRAIN SLOPED AT MINIMUM 1% TO STORM STRUCTURE.
 - PROPOSED 4" PERFORATED UNDERDRAIN TO RUN ALONG 12" STORM LINE AND DAYLIGHT IN PROPOSED HEADWALL.
 - PROPOSED 6" PERFORATED FRENCH DRAIN PER GEOTECHNICAL ENGINEER RECOMMENDATIONS. FRENCH DRAIN TO TIE INTO ROOF DRAIN LEADER.



SCALE IN FEET
0 20 40



REVISION RECORD	
NO.	DATE
1	04/14/2025
2	04/17/2025
3	01/08/2026
4	04/09/2026
5	04/23/2026
6	04/27/2026
DESCRIPTION	
1	REVISION 1 - ISSUED FOR CONSTRUCTION
2	REVISION 2 - ISSUED FOR CONSTRUCTION
3	REVISION 3 - ISSUED FOR CONSTRUCTION
4	REVISION 4 - ISSUED FOR CONSTRUCTION
5	REVISION 5 - ISSUED FOR CONSTRUCTION
6	REVISION 6 - ISSUED FOR CONSTRUCTION

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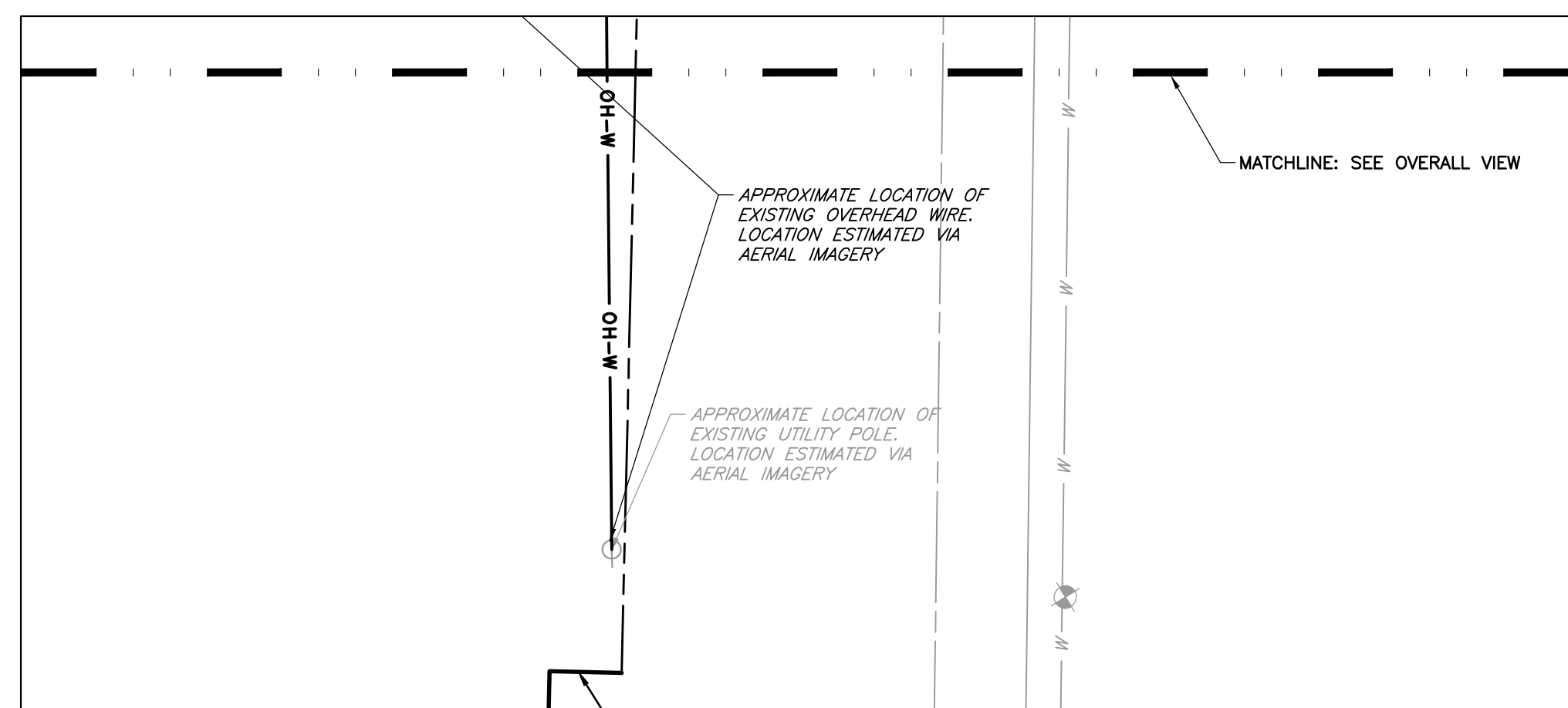
DRAINAGE PLAN

DATE: APRIL 2026
DRAWN BY: [Signature]
CHECKED BY: [Signature]
PROJECT NO: 343-737
APPROVED BY: [Signature]

DRAWING NO.: **C400**
SHEET 6 OF 19

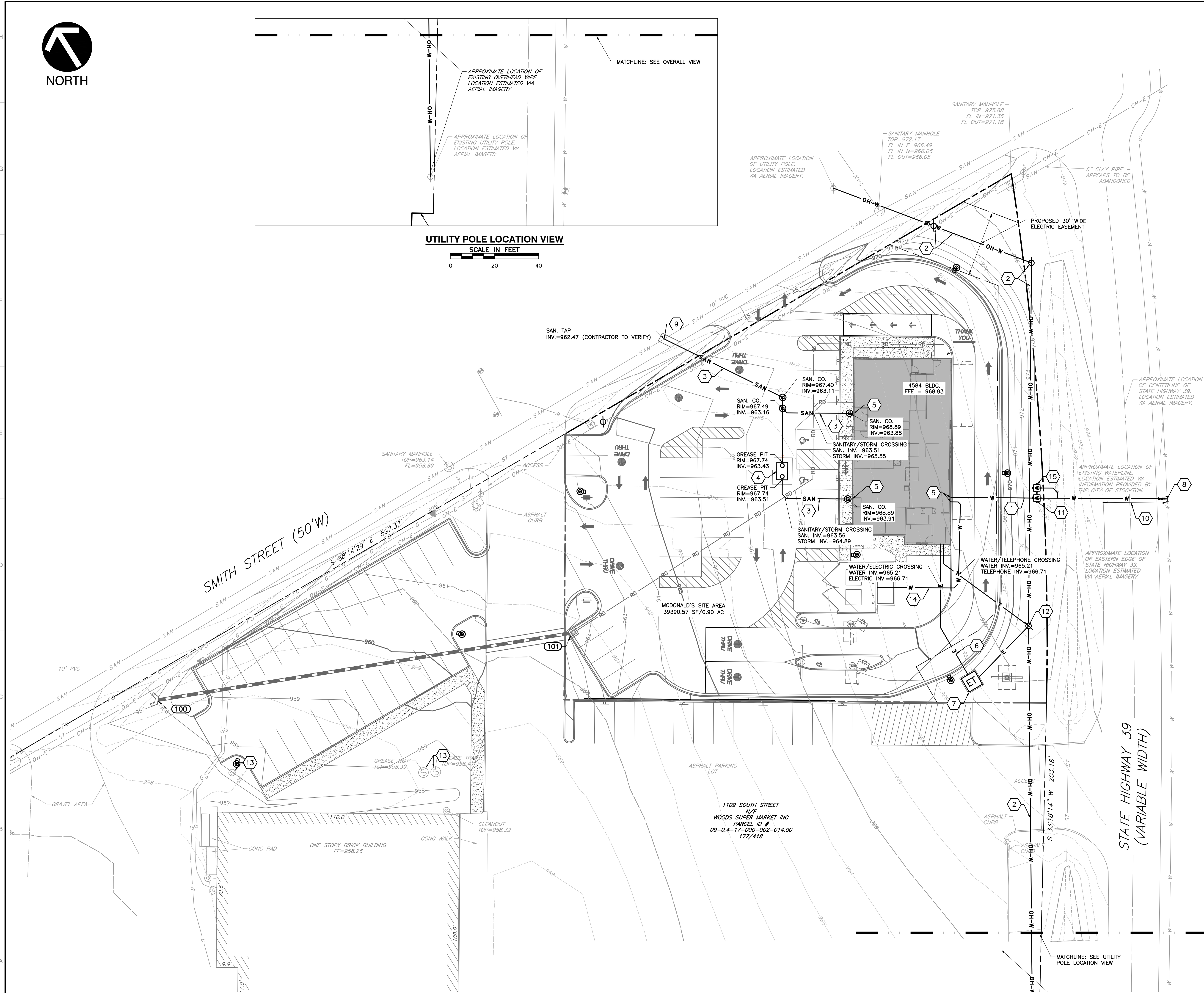
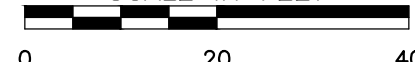


NORTH



UTILITY POLE LOCATION VIEW

SCALE IN FEET



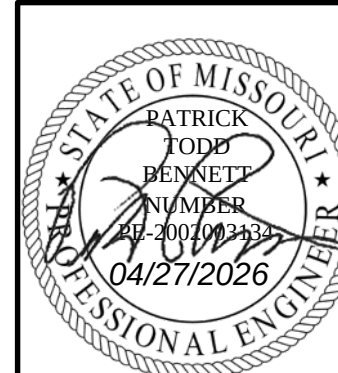
LEGEND

	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE
	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING DRAINAGE DITCH
	EXISTING ROADWAY CENTERLINE
	EXISTING STRUCTURE
	EXISTING STORM PIPE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER LINE
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	EXISTING FIBER OPTIC LINE
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING SANITARY MANHOLE
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	PROPOSED DIRECTIONAL SIGN
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	PROPOSED GREASE PIT
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	PROPOSED INDEX (MAJOR) CONTOUR
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	PROPOSED STORM STRUCTURES
	PROPOSED STORM PIPE
	PROPOSED ROOF DRAIN
	PROPOSED SANITARY LINE
	PROPOSED WATER LINE
	PROPOSED UNDERGROUND ELECTRIC LINE
	PROPOSED OVERHEAD WIRES
	PROPOSED TELEPHONE CONDUIT

KEY NOTES

- 1 PROPOSED 2" TYPE K COPPER DOMESTIC WATER SERVICE LINE.
- 2 RELOCATED OVERHEAD WIRES. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY.
- 3 PROPOSED 4" PVC SANITARY SEWER LATERAL AT 1.04% MINIMUM SLOPE.
- 4 PROPOSED GREASE INTERCEPTOR.
COORDINATE WITH PLUMBER RE PLAN.
- 5 COORDINATE UTILITY CONNECTION HOOK UP LOCATION AND SIZE WITH MEP.
- 6 PROPOSED UNDERGROUND ELECTRIC AND DATA CONNECTION. CONTRACTOR TO COORDINATE WITH LOCAL UTILITY PROVIDER FOR CONNECTION POINT.
- 7 PROPOSED ELECTRIC TRANSFORMER.
- 8 CONNECT TO EXISTING 12" WATER MAIN WITH 12"x2" TAPPING SLEEVE AND VALVE.
- 9 CONNECT TO EXISTING SANITARY MAIN.
- 10 2" DOMESTIC SERVICE TO BE DIRECTLY BORED UNDER STATE HWY. 39. CONTRACTOR TO COORDINATE WITH MODOT.
- 11 PROPOSED DOMESTIC METER FOR 2" WATER SERVICE PER CITY OF STOCKTON SPECIFICATIONS.
- 12 PROPOSED OVERHEAD UTILITY POLE AND ELECTRIC SERVICE FOR PROPOSED TRANSFORMER. POLE LOCATIONS ARE SHOWN SCHEMATICALLY. FINAL LOCATIONS TO BE DETERMINED BY UTILITY COMPANY. CONTRACTOR TO COORDINATE.
- 13 CONTRACTOR TO RAISE EXISTING STRUCTURES TO PROPOSED GRADE. SEE SHEET C300 - GRADING PLAN.
- 14 PROPOSED 3/4" TYPE K COPPER DOMESTIC SERVICE LINE TO DUMPSTER HOSE BIB.
- 15 PROPOSED DOMESTIC METER FOR 1" WATER SERVICE PER CITY OF STOCKTON SPECIFICATIONS.

SCALE IN FEET



REVISION RECORD

NO	DATE	
1	02/14/2025	REVISION 1
2	05/07/2025	REVISION 2
3	01/28/2026	REVISION 3
4	03/09/2026	REVISION 4 - ISSUED FOR CONSTRUCTION
5	04/02/2026	REVISION 5 - ROOF DRAINAGE
6	04/21/2026	REVISION 6 - PARKING L.C.

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STOCKTON, MISSOURI 65785

UTILITY PLAN

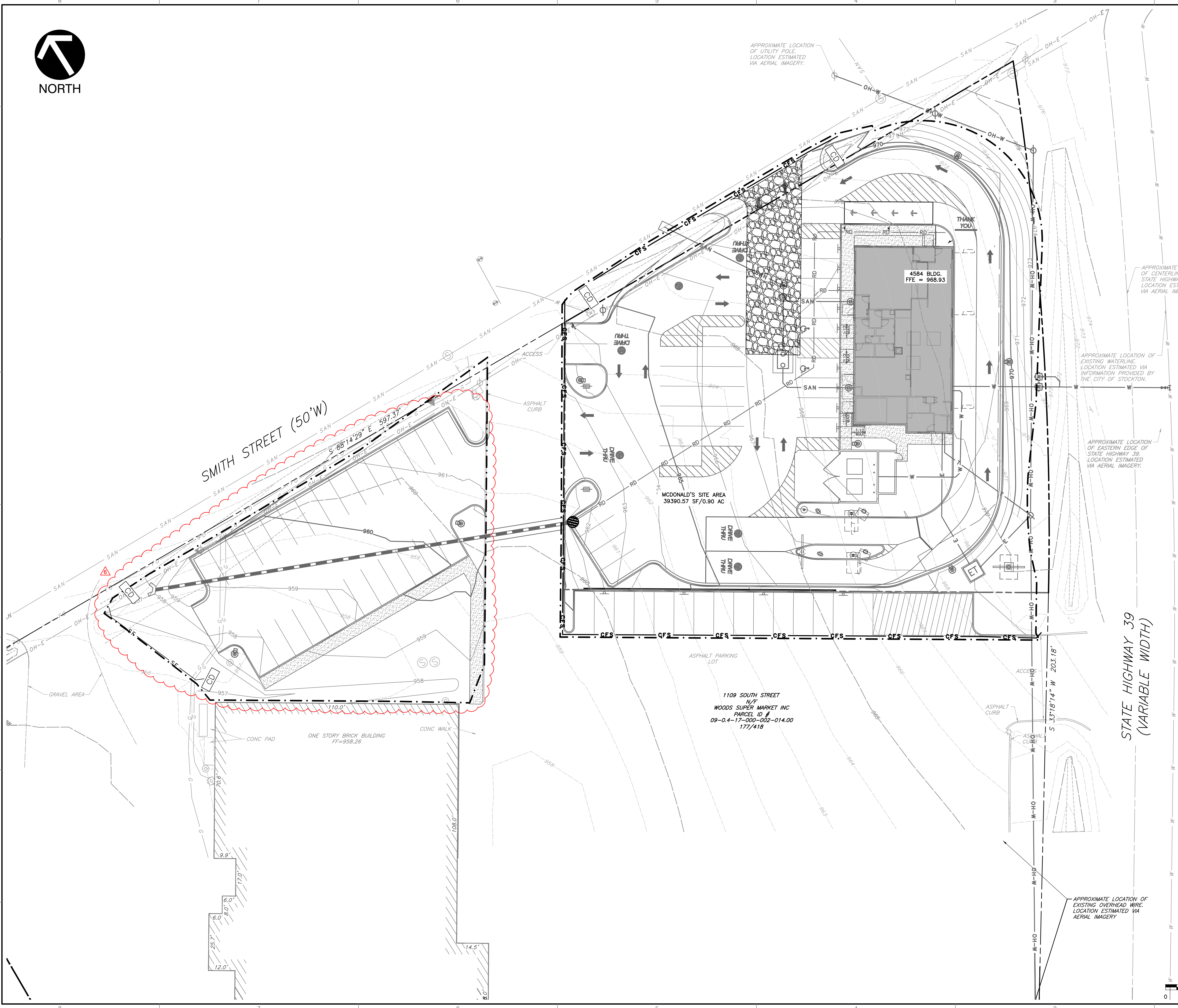
DATE:	APRIL 2026	DRAWN BY:	AWM
DWG SCALE:	1"=20'	CHECKED BY:	TJA
PROJECT NO:	343-737		
APPROVED BY:	PTB		

DRAWING NO. :

C500

SHEET 7 OF 19

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LEGEND	
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	PROPOSED PROPERTY LINE
	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING DRAINAGE DITCH
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	EXISTING FIBER OPTIC LINE
	EXISTING WATER VALVE
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	PROPOSED STORM PIPE
	PROPOSED ROOF DRAIN
	PROPOSED SANITARY LINE
	PROPOSED WATER LINE
	PROPOSED UNDERGROUND ELECTRIC LINE
	PROPOSED OVERHEAD WIRES
	PROPOSED TELEPHONE CONDUIT
	PROPOSED SILT FENCE, SEE DETAILS 1, 2, 4 AND 5/C802
	PROPOSED COMPOST FILTER SOCK, SEE DETAIL 7/802
	TEMPORARY CONSTRUCTION ENTRANCE, SEE DETAIL 6/C802
	PROPOSED INLET PROTECTION, SEE DETAIL 3/C802
	PROPOSED CHECK DAM, SEE DETAIL 6/C802
	PROPOSED LIMITS OF DISTURBANCE



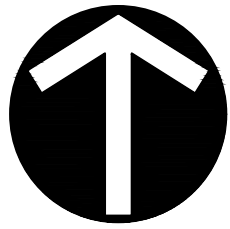
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DRAWING NO.: C600	SHEET 8 OF 19	NO.	DATE	
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		2.	04/27/2026	
		3.	01/08/2026	
		4.	04/09/2026	
PROJECT NO.: 343-737		DESCRIPTION		
		REVISION 1: ISSUED FOR CONSTRUCTION		
		REVISION 2: ROOF DRAIN REVISION		
		REVISION 3: PARALLEL REVISION		
		REVISION 4: PARALLEL REVISION		
APPROVED BY:		DATE:		
APRIL 2026		04/27/2026		
DRAWN BY:		CHECKED BY:		
AWM		THA		
1"=20'		343-737		
PROJECT NO.:		PTB		
1343737-000-000		1343737-000-000		

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NORTH

SCALE IN FEET

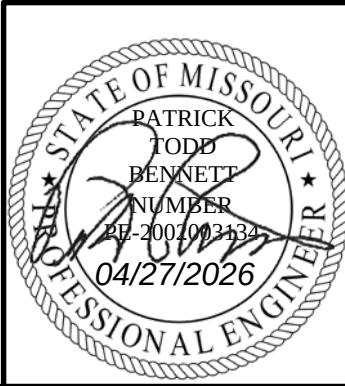
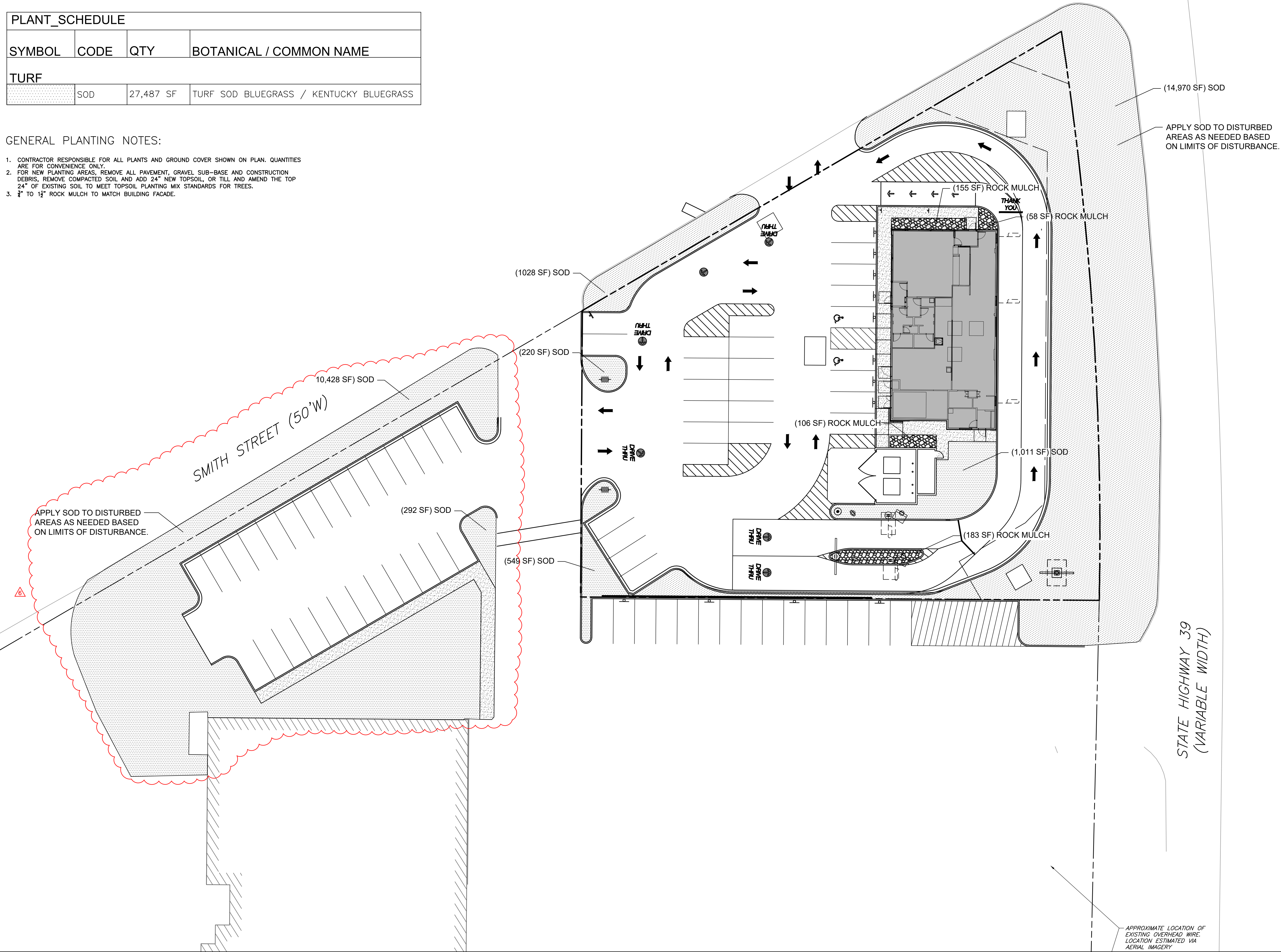
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PLANT_SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME
TURF			
	SOD	27,487 SF	TURF SOD BLUEGRASS / KENTUCKY BLUEGRASS

GENERAL PLANTING NOTES:

1. CONTRACTOR RESPONSIBLE FOR ALL PLANTS AND GROUND COVER SHOWN ON PLAN. QUANTITIES ARE FOR CONVENIENCE ONLY.
2. FOR NEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS, REMOVE COMPACTED SOIL AND ADD 24" NEW TOPSOIL, OR TILL AND AMEND THE TOP 24" OF EXISTING SOIL TO MEET TOPSOIL PLANTING MIX STANDARDS FOR TREES.
3. $\frac{3}{4}$ " TO $1\frac{1}{2}$ " ROCK MULCH TO MATCH BUILDING FACADE.



REQUIRED PLANTING PLAN

DATE:	APRIL 2026	DRAWN BY:	AWM
DWG SCALE:	1"=20'	CHECKED BY:	THA
PROJECT NO:	343-737	APPROVED BY:	PTB

DRAWING NO.: **C700**
SHEET 9 OF 19

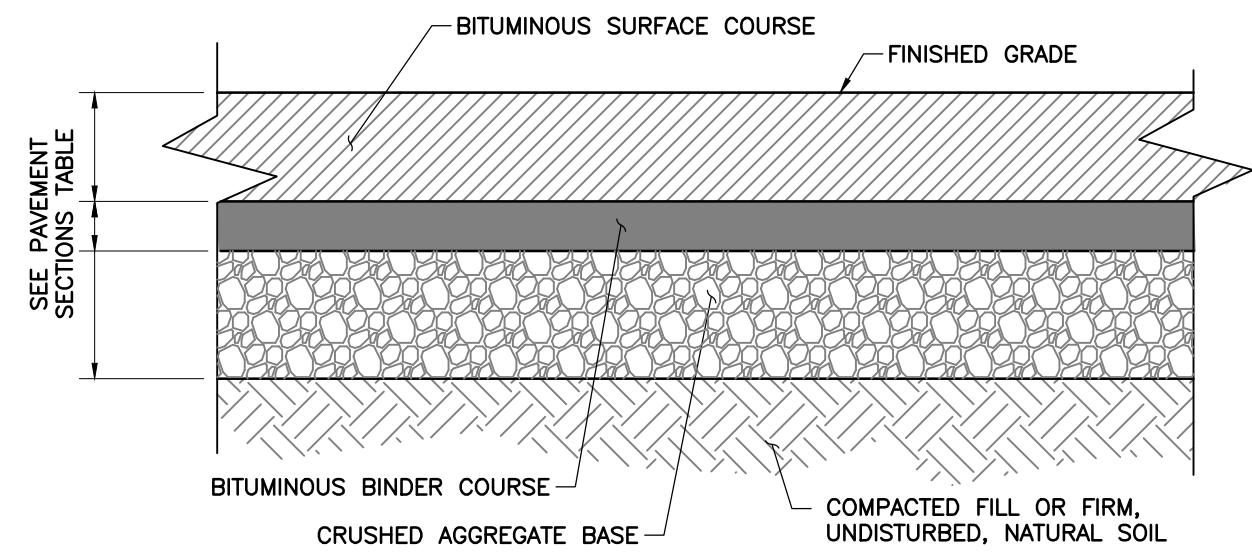
MCDONALD'S RESTAURANT
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1101 SOUTH STREET
STOCKTON, MISSOURI 65785



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REVISION RECORD

NO	DATE	DESCRIPTION
1	04/14/2026	REVISION 1
2	04/27/2026	REVISION 2
3	01/08/2026	REVISION 3
4	04/08/2026	REVISION 4 - ISSUED FOR CONSTRUCTION
5	04/23/2026	REVISION 5 - ROOF DRAIN REVISION
6	4/21/2026	REVISION 6 - PARKING LOT REVISION

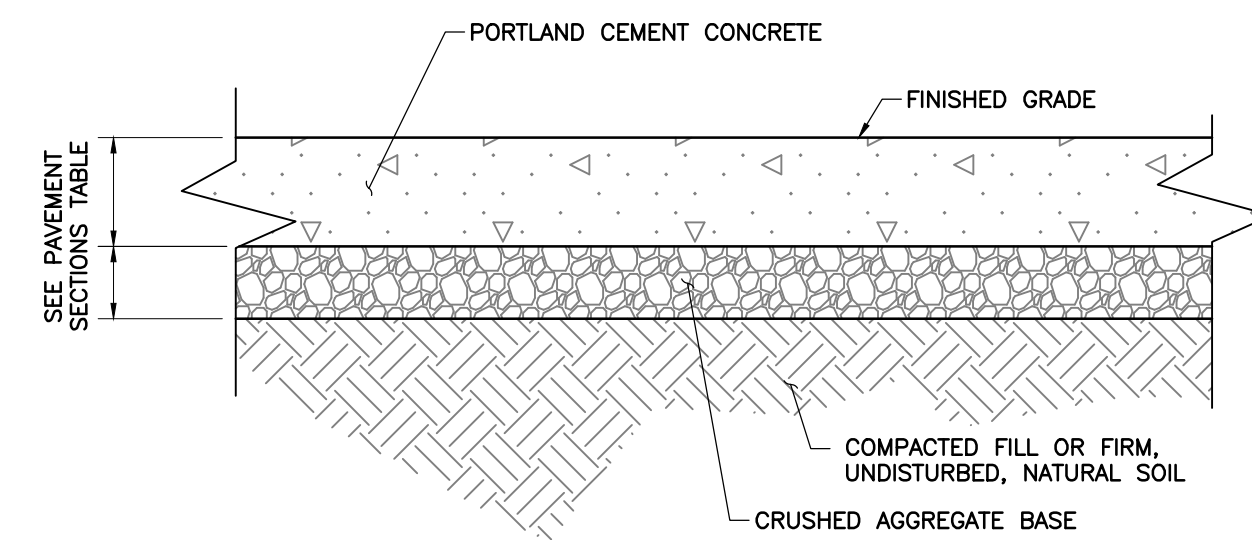


NOTES:

- PAVEMENT THICKNESS SHALL BE PER GEOTECHNICAL REPORT. REFER TO THIS DOCUMENT FOR FURTHER SPECIFICATIONS AND/OR RECOMMENDATIONS.

PAVEMENT SECTIONS		
MATERIAL	LIGHT DUTY	HEAVY DUTY
BITUMINOUS SURFACE COURSE	1.5 INCHES	2 INCHES
BITUMINOUS BINDER COURSE	2.5 INCHES	3 INCHES
CRUSHED AGGREGATE BASE	6 INCHES	8 INCHES

1 ASPHALT DRIVE PAVEMENT NOT TO SCALE

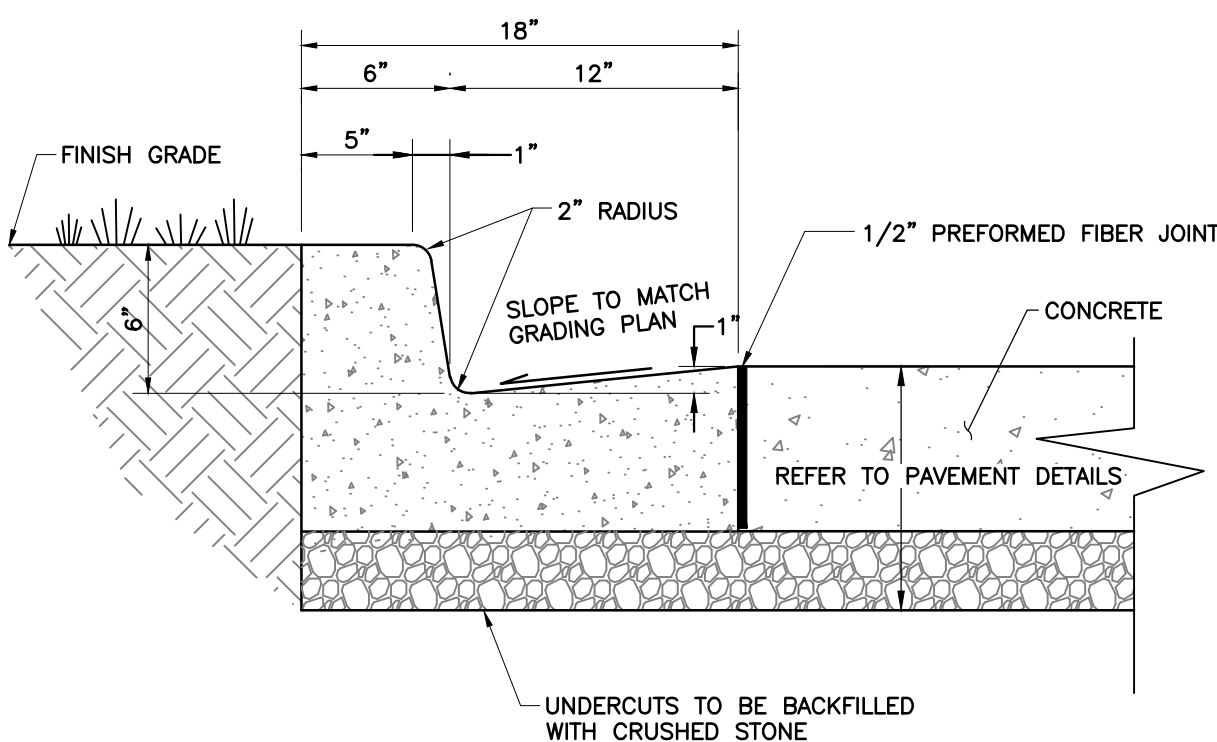


NOTES:

- EXPANSION AND CONTROL JOINTS SHALL BE PER JOINT DETAILS.
- CONCRETE SHALL BE CLASS "A" 4,000 PSI UNLESS OTHERWISE NOTED.
- PAVEMENT THICKNESS SHALL BE PER GEOTECHNICAL REPORT. REFER TO THIS DOCUMENT FOR FURTHER SPECIFICATIONS AND/OR RECOMMENDATIONS.

PAVEMENT SECTIONS		
MATERIAL	LIGHT DUTY	HEAVY DUTY
PORTLAND CEMENT CONCRETE	5 INCHES	6 INCHES
CRUSHED AGGREGATE BASE	6 INCHES	6 INCHES

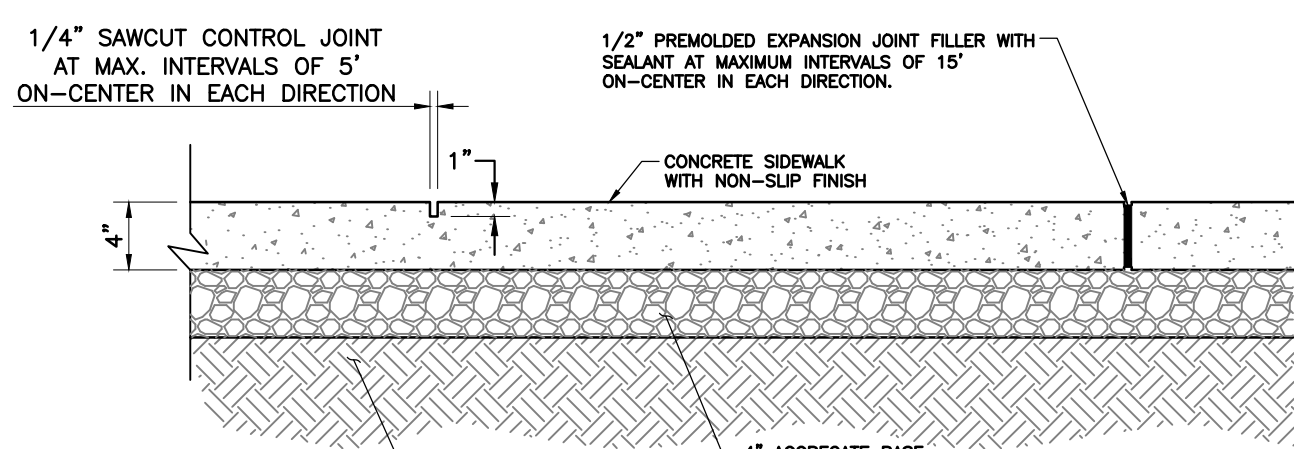
2 CONCRETE DRIVE PAVEMENT NOT TO SCALE



NOTES:

- SEE PAVEMENT SECTION DETAILS FOR PAVEMENT SPECIFICATIONS.
- REFER TO GEOTECHNICAL REPORT FOR FURTHER SPECIFICATIONS AND/OR RECOMMENDATIONS.

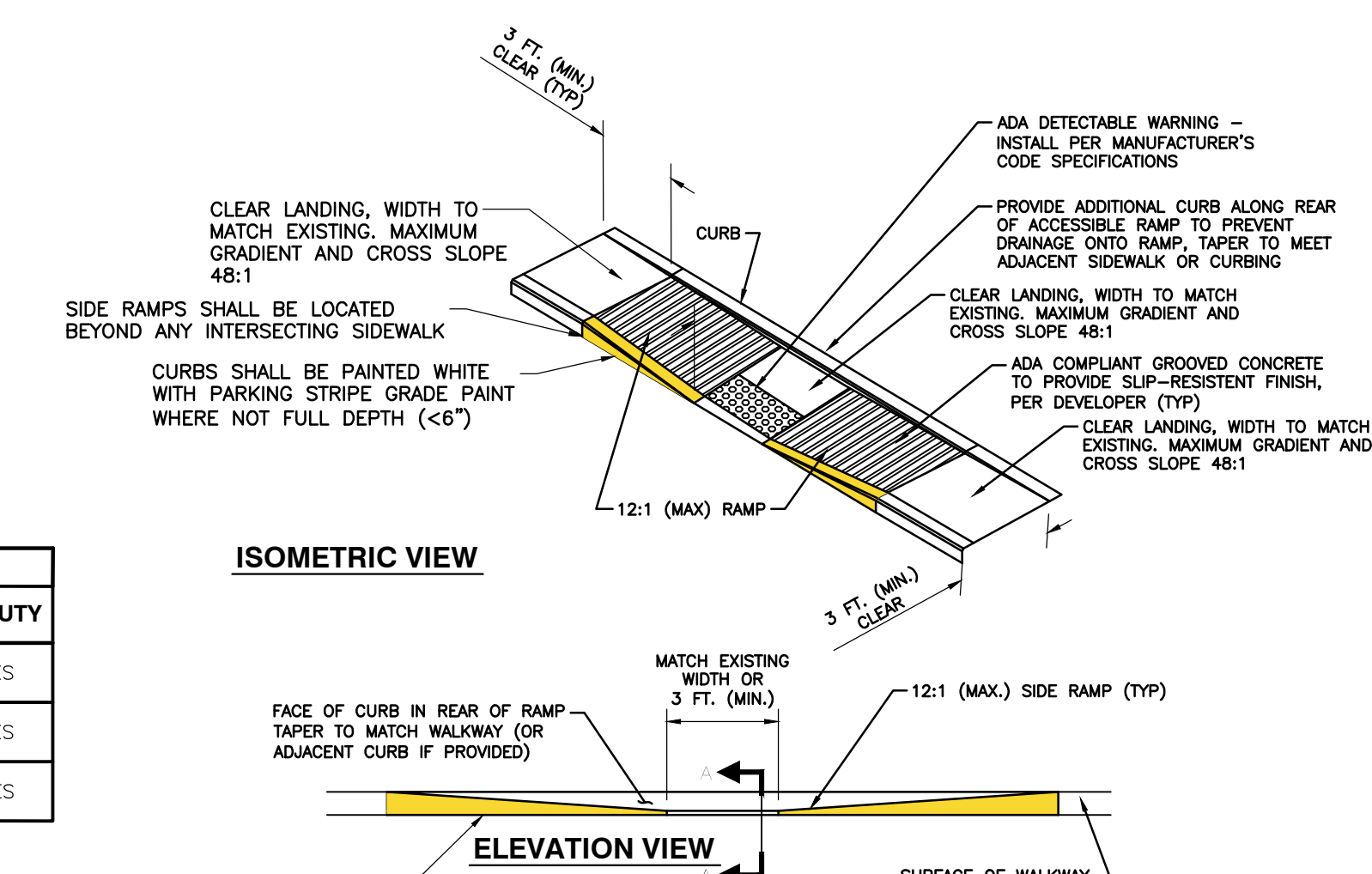
3 VERTICAL CONCRETE CURB & GUTTER WITH ASPHALT PAVEMENT NOT TO SCALE



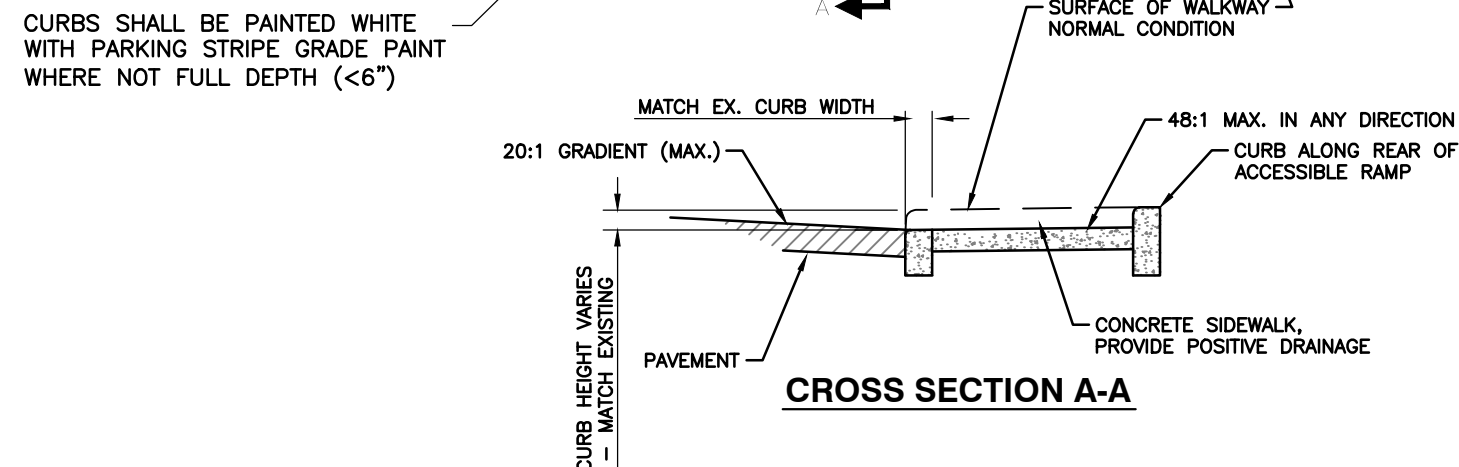
NOTES:

- PROVIDE MEDIUM BROOM FINISH.
- SEE PLAN FOR SIDEWALK WIDTHS.
- WHEN CONNECTING TO EXISTING SIDEWALK, SAWCUT AT NEAREST JOINT.
- CROSS-SLOPE SHALL BE MAXIMUM 48:1.
- REFER TO GEOTECHNICAL REPORT FOR FURTHER SPECIFICATIONS AND/OR RECOMMENDATIONS (SEE GRADING NOTES ON C001).

4 CONCRETE SIDEWALK NOT TO SCALE



ISOMETRIC VIEW

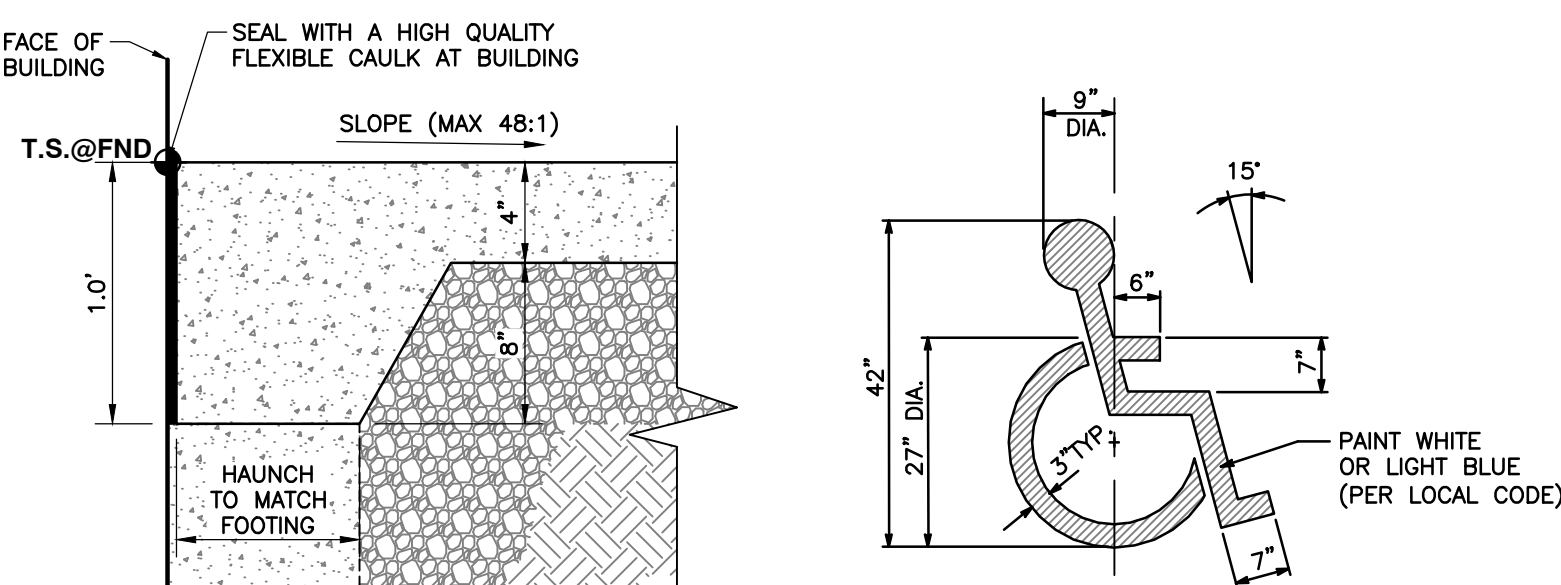


CROSS SECTION A-A

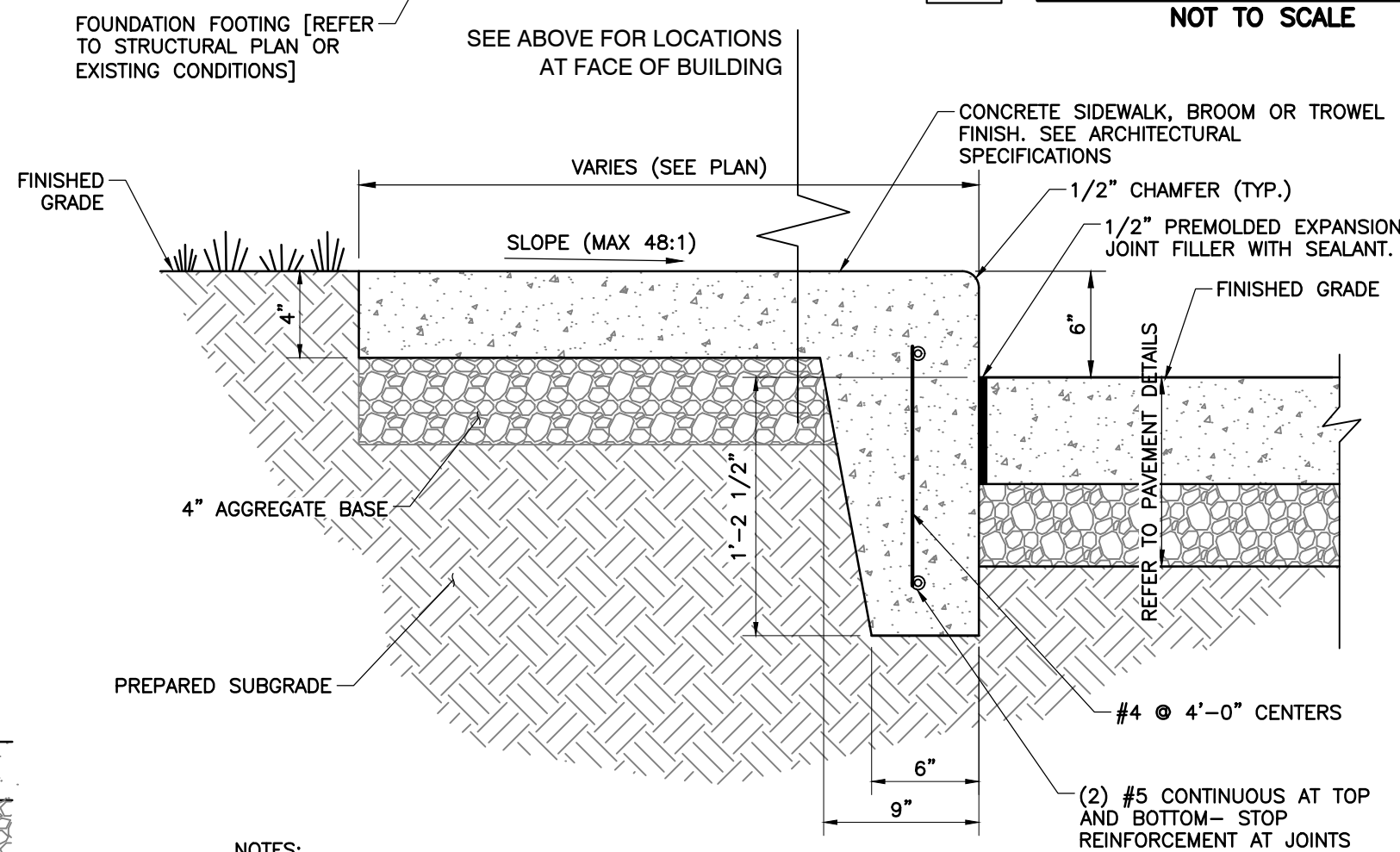
NOTES:

- ACCESSIBLE SPACE / LOADING AREA: MAXIMUM 48:1 (1:50) SLOPE IN ANY DIRECTION.
- RAMP & PAVEMENT TRANSITION TO BE COMPLETELY FLUSH, NO LIP.
- WHEN RAMP OCCURS ON RADI, MINIMUM CLEAR LANDING WIDTH MUST BE MAINTAINED ON SHORTEST SIDE ALONG CURVE.
- CONSTRUCT PER A.D.A. & LOCAL STANDARDS.

5 ADA DEPRESSED CURB ACCESSIBLE RAMP NOT TO SCALE



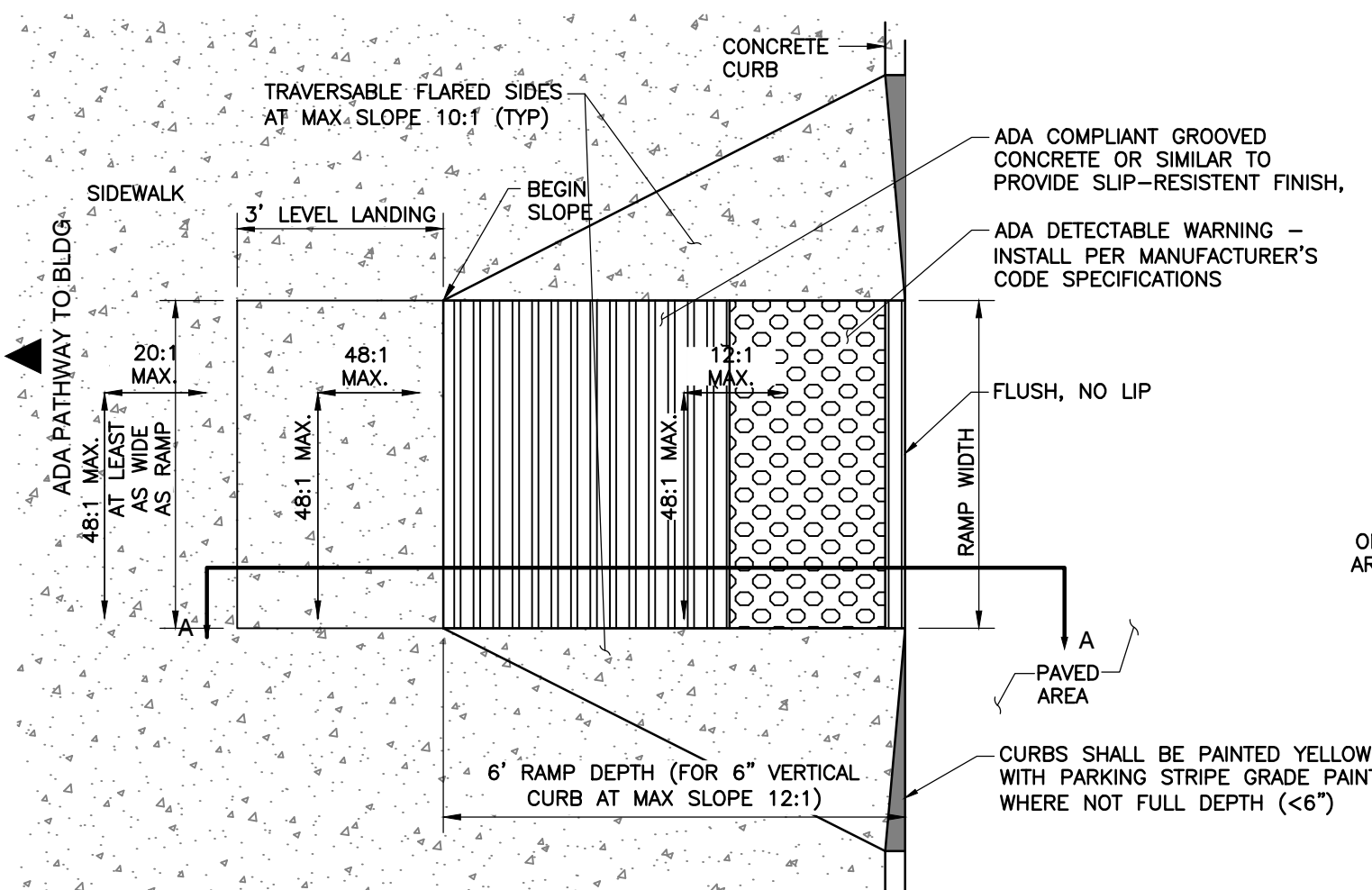
12 ADA ACCESSIBLE PARKING PAINTED SYMBOL DETAIL NOT TO SCALE



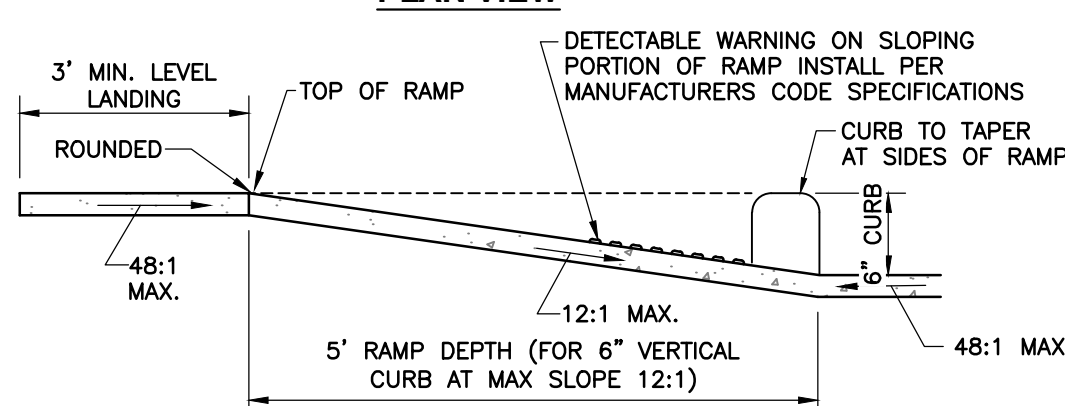
NOTES:

- PROVIDE 1/2" PREMOLDED EXPANSION JOINT @ 25' ON CENTER.
- PROVIDE TOOLED CONTRACTION JOINTS AT 5' ON CENTER.

6 TURNED DOWN WALK CONCRETE WALK N.T.S.



PLAN VIEW



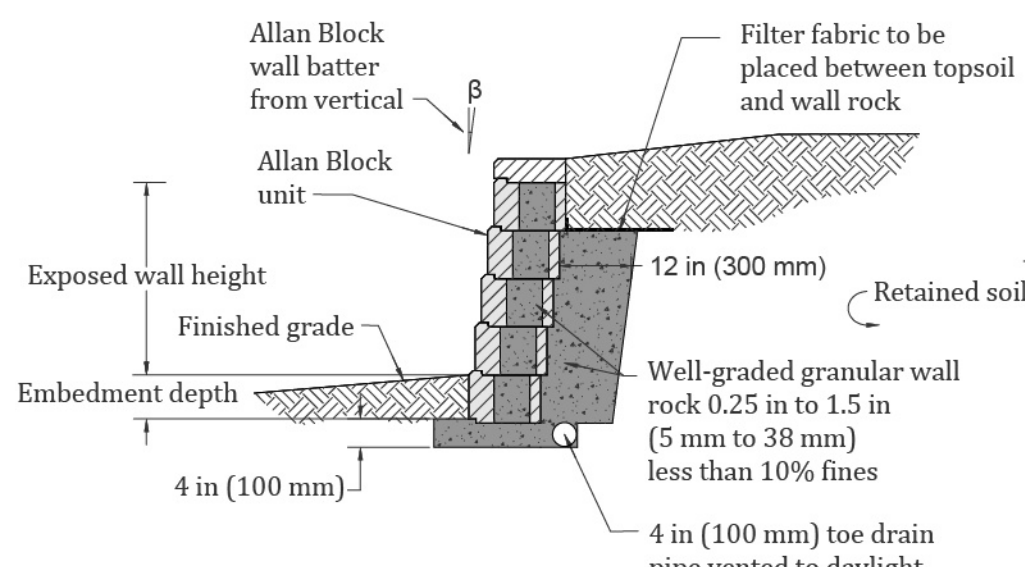
SECTION A-A

NOTES:

- ACCESSIBLE SPACE / LOADING AREA: MAXIMUM 48:1 (1:50) SLOPE IN ANY DIRECTION.
- RAMP & PAVEMENT TRANSITION TO BE COMPLETELY FLUSH, NO LIP.
- RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 10:1 AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.
- CONSTRUCT PER A.D.A. & LOCAL STANDARDS.

7 ADA TRAVERSABLE ACCESSIBLE RAMP NOT TO SCALE

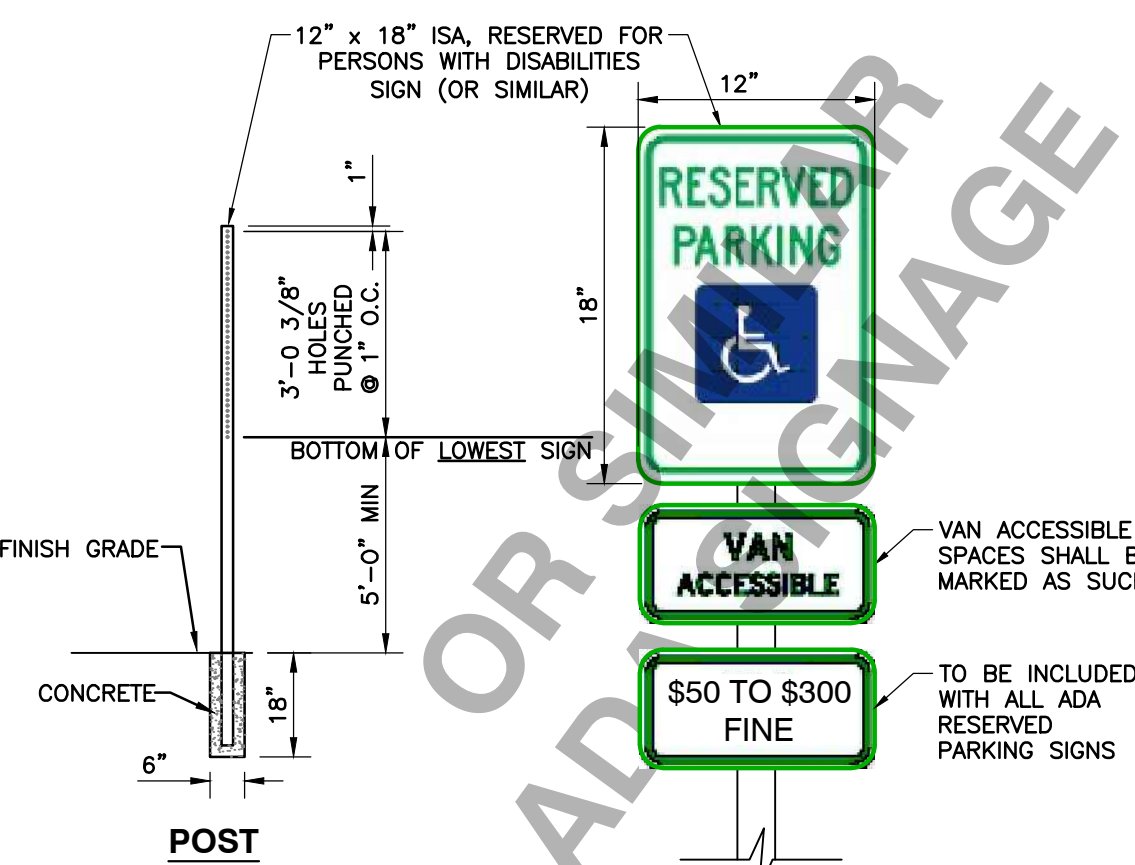
[FOR INTERNAL USE ONLY]



NOTES:

- CONTRACTOR TO INSTALL AN ALLAN BLOCK RETAINING WALL OR APPROVED EQUAL COLOR AND BLOCK TYPE TO BE APPROVED BY OWNER.

13 TYPICAL GRAVITY RETAINING WALL NOT TO SCALE

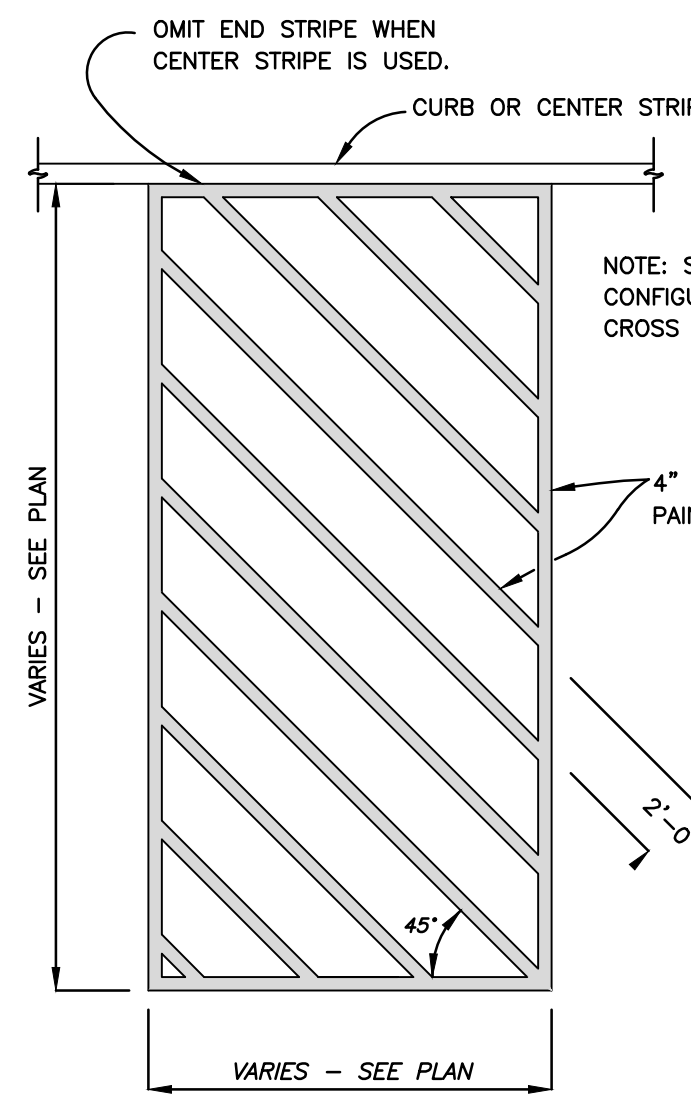


PARTIAL ELEVATION

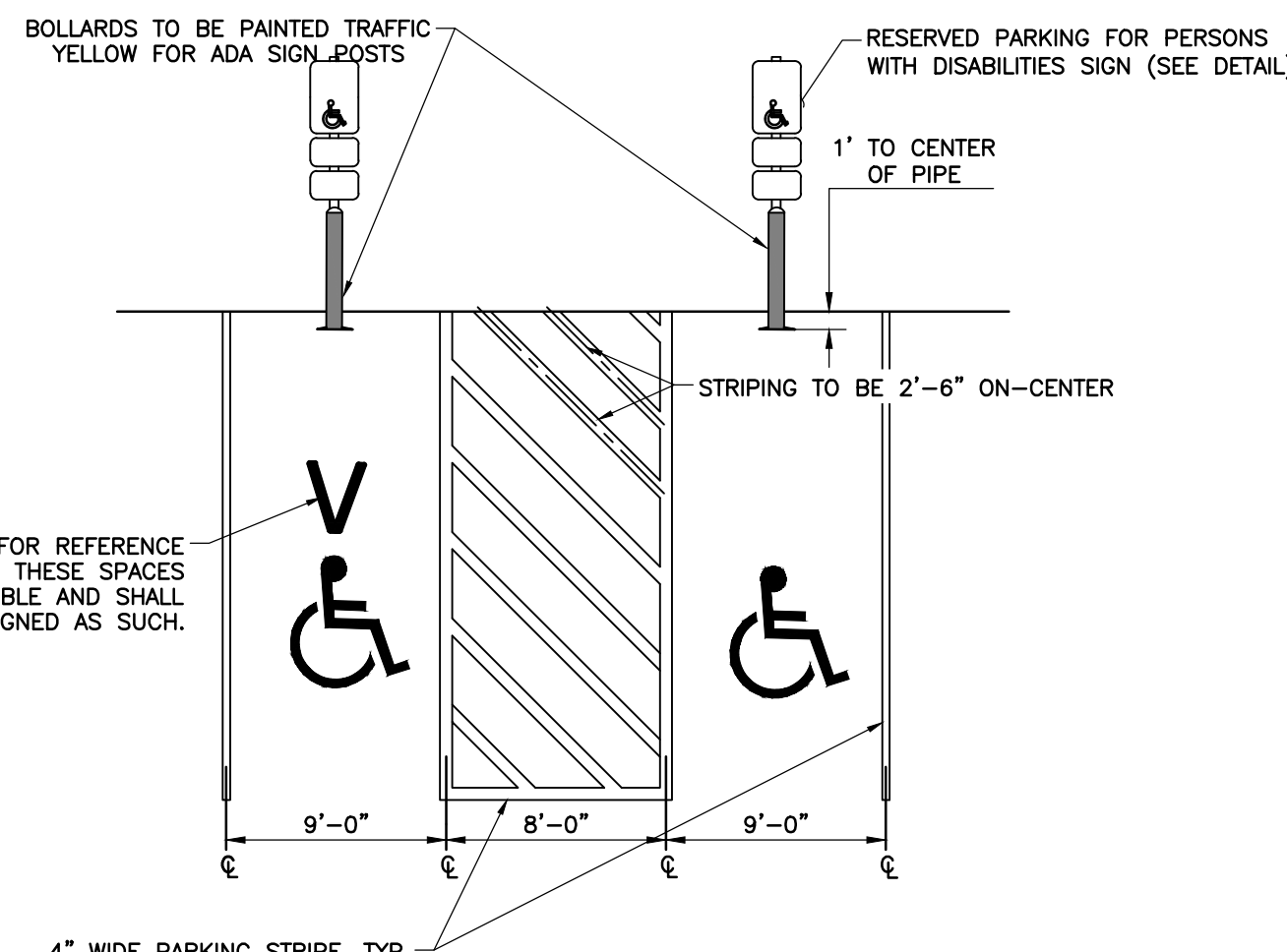
NOTE:

- ISA - INTERNATIONAL SYMBOL OF ACCESSIBILITY
- SIGN MAY BE AFFIXED TO WALL SURFACE
- SIGN MUST NOT PROTRUDE MORE THAN 4" (IF WALL MOUNTED) OR 12" IF POST MOUNTED HORIZONTALLY INTO PEDESTRIAN PATH.
- SIGN POST MAY ALTERNATELY BE INSERTED INTO STEEL BOLLARD, ALL REQUIRED DIMENSIONS SHALL BE MAINTAINED

8 ADA ACCESSIBLE PARKING SIGN NOT TO SCALE



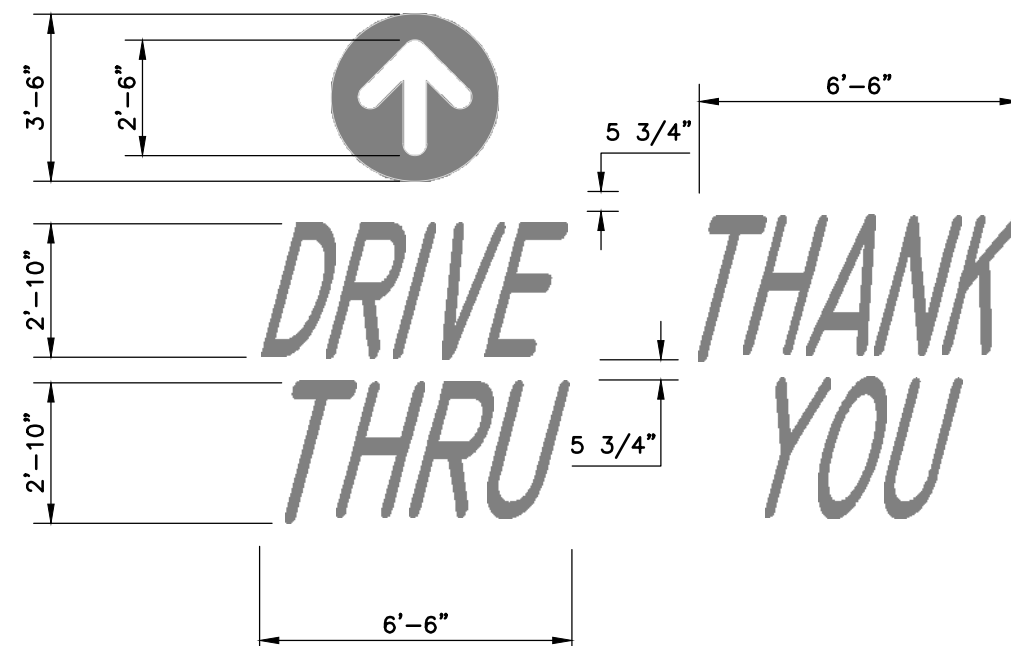
11 CROSS STRIPING DETAIL NOT TO SCALE



NOTES:

- ALL STRIPING FOR ADA ACCESSIBLE PARKING STALLS AND ACCESS AISLES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
- ALL ADA PARKING STALL STRIPING, CROSSHATCH, AND SYMBOLS SHALL BE PMS 293 (#0047ba Hex Color Code) COLOR BLUE OR SIMILAR WITH PARKING STRIPE GRADE PAINT.

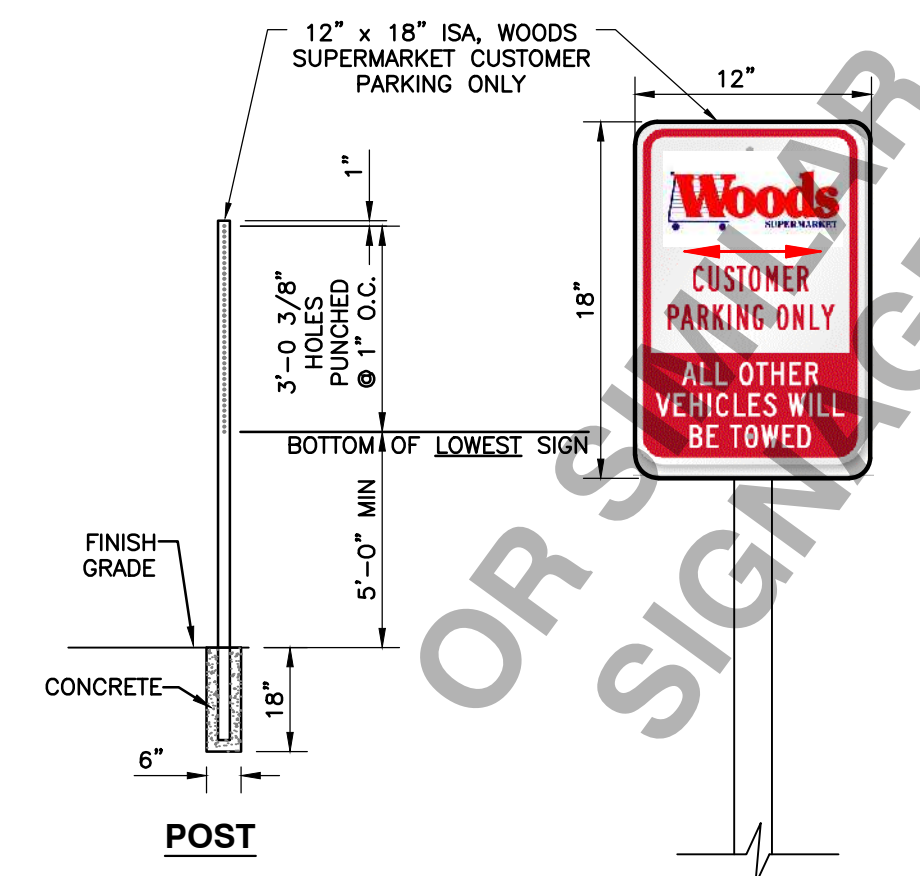
9 ADA ACCESSIBLE PARKING SPACE MARKING DETAIL NOT TO SCALE



NOTES:

- YELLOW PAINT (PMS123) IS USED FOR ALL DRIVE-THRU MARKINGS.
- THE WORDS "DRIVE-THRU" AND THE CIRCLE ARROW ARE PLACED AT ALL ENTRANCES TO THE LOT APPROX. 25' TO 30' FROM THE CURB OR SIDEWALK.
- THE WORDS "DRIVE-THRU" SHOULD BE CENTERED IN THE DRIVEWAY FOR ONE WAY TRAFFIC (ON THE INGRESS SIDE OF THE DRIVE AISLE IF THERE IS TWO WAY TRAFFIC).
- THE CIRCLE DIRECTIONAL ARROW SHOULD BE CENTERED ABOVE THE WORD "DRIVE" APPROX. 5' IN TO THE PARKING LOT.
- IF FIVE OR MORE ARROWS ARE NEEDED TO DIRECT CARS TO THE DRIVE-THRU, PLAN THE CORRECT PLACEMENT OF THE ARROWS TO INCLUDE THE APPLICATION OF THE WORDS "DRIVE-THRU" WITH AN ARROW CENTERED ABOVE THE WORD "DRIVE," ORIENTED TO THE DECISION POINT.
- THE ARROW ART KNOCKS OUT SO THAT THE ARROW IS THE COLOR OF THE UNDERLYING PAVEMENT.

10 PAVEMENT BRANDING DETAIL NOT TO SCALE



PARTIAL ELEVATION

NOTE:

- SIGN POST MAY ALTERNATELY BE INSERTED INTO STEEL BOLLARD, ALL REQUIRED DIMENSIONS SHALL BE MAINTAINED.

12 WOODS PARKING ONLY SIGN



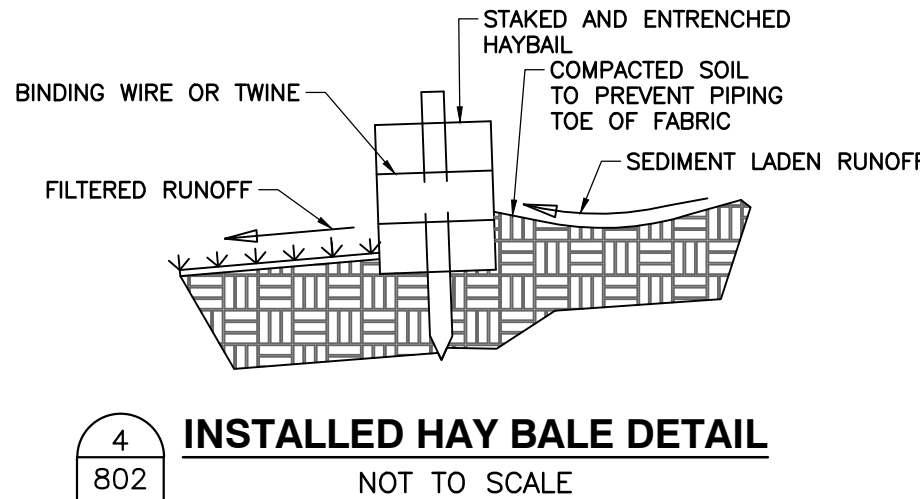
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NO	DATE
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2	05/07/2026
3	07/28/2026
4	08/04/2026
5	04/02/2026
6	07/18/2026

10300 Alliance Road
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Ph: 513.985.0226
www.cecinco.com

MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

SITE DETAILS	
DATE:	APRIL 2026
DWG SCALE:	NOT TO SCALE
PROJECT NO:	345-737
APPROVED BY:	PTB

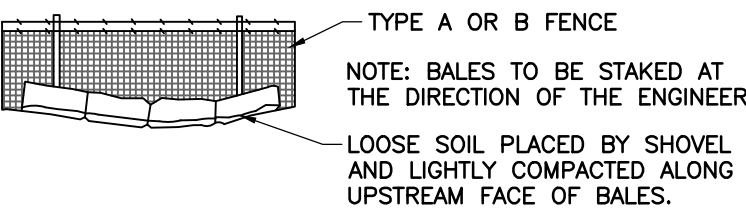
DRAWING NO.:
C800
SHEET 10 OF 19



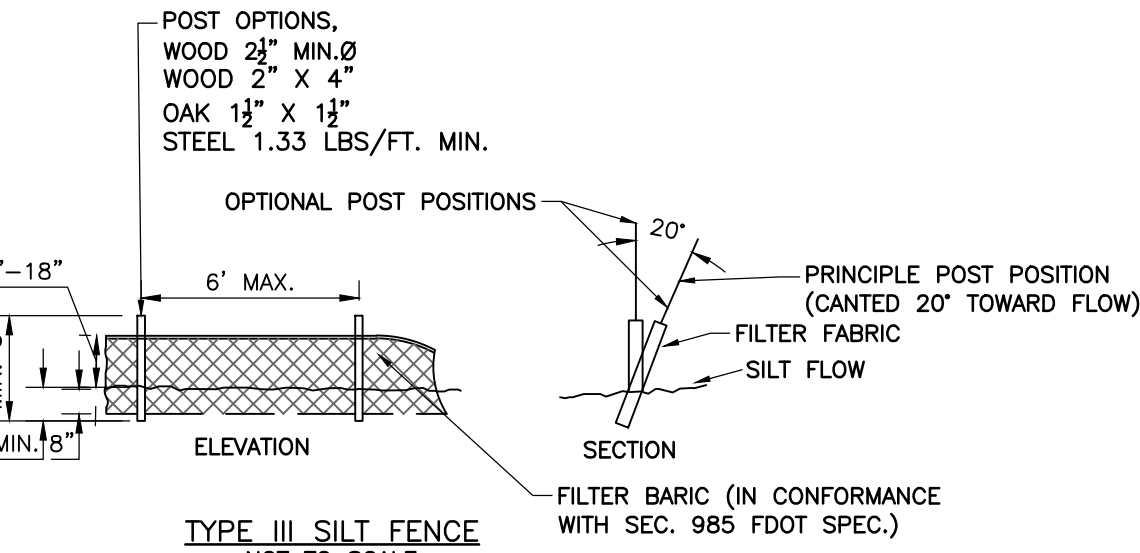
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INSTALLED HAY BALE DETAIL

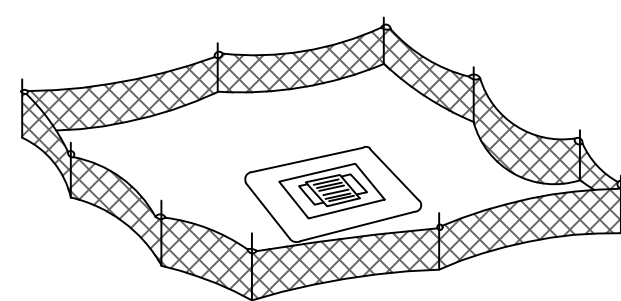
NOT TO SCALE



HAY BALES BACKED BY FENCE
NOT TO SCALE

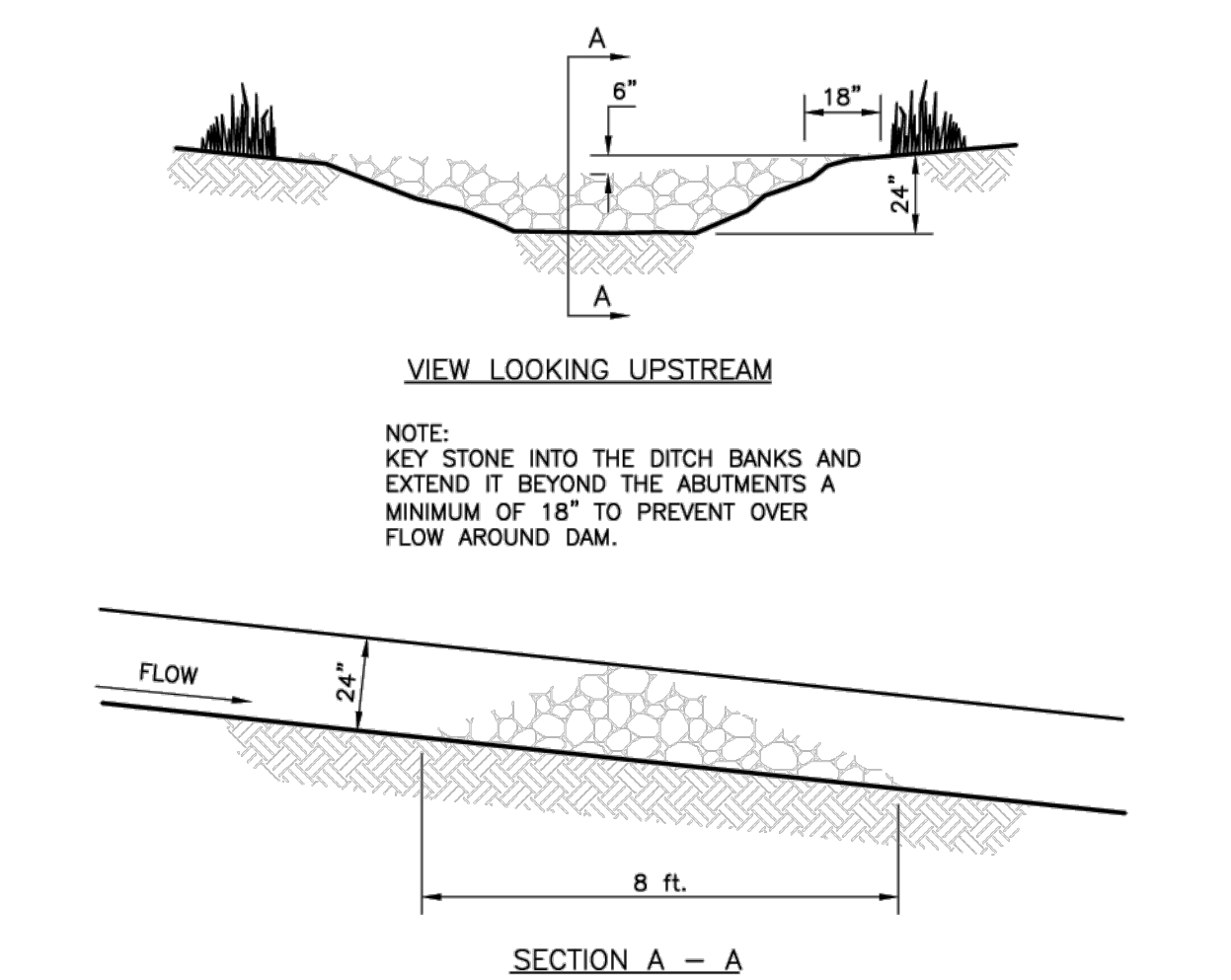


TYPE III SILT FENCE WITH SE

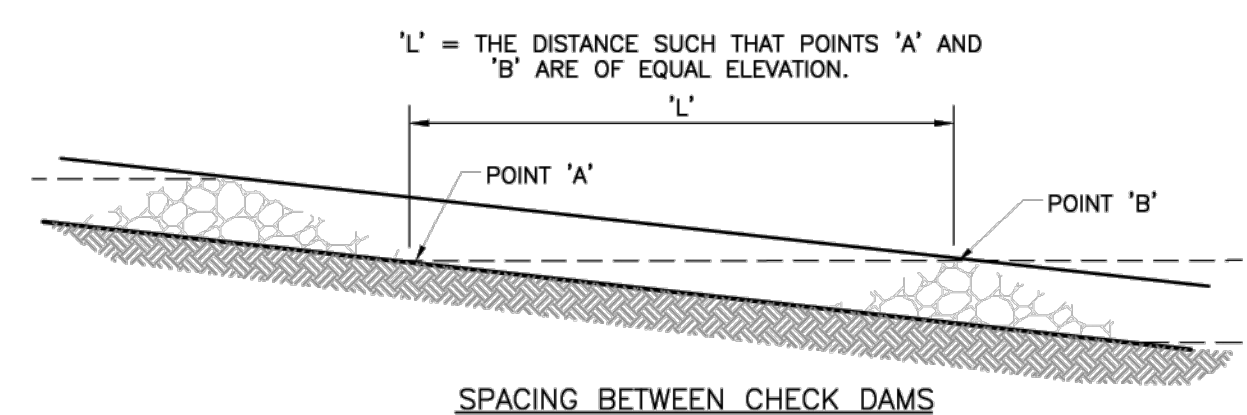


TYPE III SILT FENCE PROTECTION
AROUND DITCH BOTTOM INLETS
NOT TO SCALE

SILT FENCE DETAILS
NOT TO SCALE

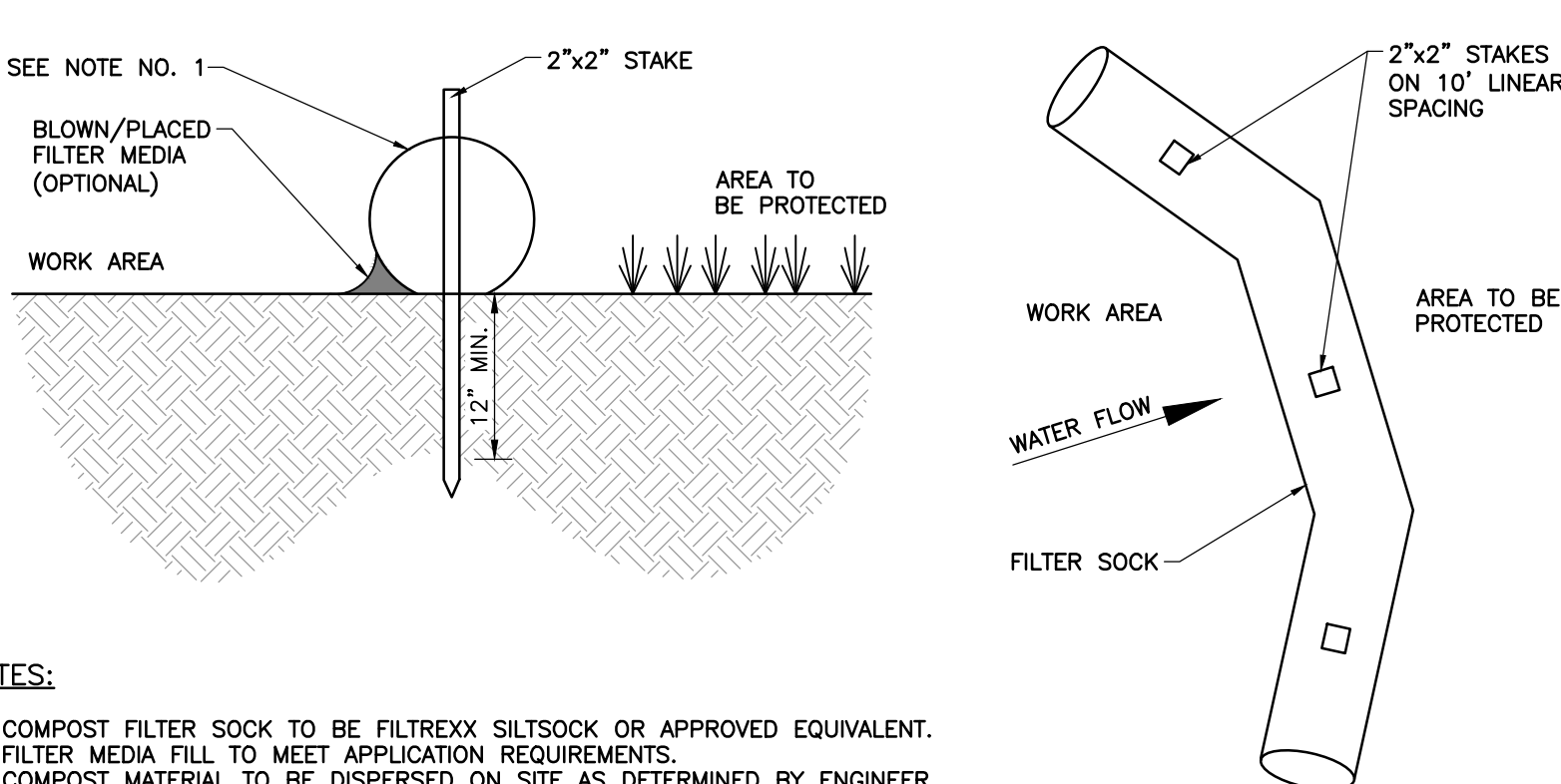


SECTION A - A



SPACING BETWEEN CHECK DAMS

6 ROCK CHECK DAM



NOTES:

1. COMPOST FILTER SOCK TO BE FILTREXX SILT SOCK OR APPROVED EQUIVALENT.
2. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE AS DETERMINED BY ENGINEER.
4. COMPOST FILTER SOCK TO BE 12-INCH DIAMETER OR LARGER UNLESS APPROVED BY ENGINEER.

INSPECTION: SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT.

MAINTENANCE: DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHED HALF THE ABOVEGROUND HEIGHT OF THE SOCK AND REDISTRIBUTED ON SITE.

BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS;
PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED
ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

7
802

COMPOST FILTER SOCK

NOT TO SCALE

1. WORK ON THIS SITE IS TO COMPLETE CONSTRUCTION OF A PROPOSED McDONALD'S RESTAURANT BUILDING, A TRASH ENCLOSURE, LANDSCAPE ISLANDS, AND ASSOCIATED PAVING FOR PARKING AND SIDEWALKS.
2. PROPOSED SITE IMPROVEMENTS INCLUDE SITE DEMOLITION, PAVING, AND BUILDING UTILITIES FOR A McDONALD'S RESTAURANT. THE PROPOSED EARTH DISTURBED AREA IS 1.73 ACRES. THE PRE-DEVELOPMENT CONDITIONS OF THE SITE IS AN UNDEVELOPED LOT. THE POST-DEVELOPMENT CONDITIONS OF THE SITE WILL BE A PROPOSED BUILDING, ASSOCIATED PARKING LOT, AND PROPOSED TRASH ENCLOSURE. THIS DEVELOPMENT WILL INCREASE THE IMPERVIOUS AREA BY 28%.
3. THE SITE IS LOCATED AT 7368 NAVARRE PARKWAY, PARCEL NUMBER 24-24-027-0000-00101, 0001. EXISTING SOILS ARE CLASSIFIED AS URBAN LAND (U) AND URBAN SUBSID- URBANIS COMPLEX, 0 TO 12 PERCENTS SLOPES (U/RUC). THE SITE IS LOCATED IN AN AREA WITH MINIMAL FLOOD HAZARD AS SHOWN ON FLOOD INSURANCE RATE MAP MAP NUMBER 1213C0568H, EFFECTIVE DATE NOVEMBER 19, 2021.
4. THE SITE IS BOUNDED BY HIGHWAY COMMERCIAL DEVELOPMENT PROPERTIES TO THE NORTH AND WEST, PLANNED BUSINESS DISTRICT PROPERTIES TO THE EAST, AND MEDIUM HIGH DENSITY RESIDENTIAL PROPERTIES TO THE SOUTH.
5. ON BEHALF OF THE OWNER/PERMITEE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
6. SOIL RELEASED OR LOST DUE TO CONTAMINATION FAILURE SHALL BE IMMEDIATELY CLEANED UP AND DISPOSED OF IN AN APPROVED MANNER. DAMAGED BMP'S WILL BE REPLACED AND BMP DEFICIENCIES WILL BE REPAIRED UPON INSPECTION.
7. THE CONTRACTOR SHALL MODIFY THE SWPPP AS REQUIRED TO INCLUDE PERMIT COVERAGE DOCUMENTATION FOR OFF-SITE BORROW, FILL, MATERIAL STORAGE SITES, OR INFORMATION ON TRUCKS, TRAILERS, HAUL ROUTES, TRUCKS AND EQUIPMENT OR DEWATERING METHODS WHICH ARE USED FOR THIS PROJECT IN ACCORDANCE WITH STATE AND/OR LOCAL JURISDICTIONAL ENTITY REGULATIONS.
8. SOIL SEDIMENT AND EROSION BEST MANAGEMENT PRACTICE (BMP) MEASURES WILL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND WILL BE MAINTAINED AT ALL TIMES UNTIL CONSTRUCTION HAS BEEN COMPLETED, INCLUDING ALL GRASS BEING WELL ESTABLISHED AND/OR PERMANENT EROSION AND SEDIMENTATION BMP MEASURES ARE IN PLACE. ALL BMP MEASURES WILL BE INSTALLED TO THE SATISFACTION OF AGENCIES HAVING JURISDICTION.
9. THE CONTRACTOR IS TO DESIGNATE A SITE DUMP/WASH AREA PRIOR TO STARTING CONSTRUCTION FOR SUCH PURPOSES AS WASHING OUT CONCRETE TRUCKS AND DUMPING NON-HAZARDOUS WASTE MATERIALS. WASTE MATERIALS, INCLUDING BUT NOT LIMITED TO ANY SEWERS IS PROHIBITED. HAZARDOUS WASTES ARE TO BE REMOVED OFF SITE AND PROPERLY DISPOSED OF CONSISTENT WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
10. LIMITS OF EARTH DISTURBING ACTIVITY ARE INDICATED IN THE SITE PLAN AND ARE CONTAINED ON THE SITE. IF REQUIRED, CONTRACTOR SHALL LOCATE VEHICLE FUELING AREAS AWAY FROM STORM WATER DRAINAGE FEATURES AND MARK THOSE AREAS ON THE SITE MAP. LEGALLY DISPOSE OF ALL EXCESS CONSTRUCTION MATERIALS. MINIMIZE DUST. MINIMIZE WATER ON DRY AREAS OF THE SITE. THE USE OF PETROLEUM-BASED OR OTHER TOXIC LIQUIDS FOR DUST SUPPRESSION IS PROHIBITED.
11. THE CONTRACTOR SHALL POST AND MAINTAIN SIGN(S) AT A MINIMUM OF ONE (1) CONSTRUCTION ENTRANCE/EXIT LOCATION DESIGNATED BY THE CONTRACTOR, WHERE PROJECT METES PAVED COUNTY, STATE, OR FEDERAL HIGHWAYS/ROADS, AND/OR AT OTHER EASILY ACCESSIBLE LOCATION(S) TO ADEQUATELY IDENTIFY THE SITE PRIOR TO COMMENCEMENT OF AND DURING CONSTRUCTION. CONSTRUCTION IS PROPERLY TERMINATED. SUCH SIGN SHALL DISPLAY A COPY(ES) OF A COMPLETED APPLICATION(S) FOR PERMIT COVERAGE, NOTICE(S) OF COVERAGE NOTIFYING THE APPLICANT THAT COVERAGE UNDER THE APPLICABLE PERMIT(S) HAS BEEN OBTAINED, THE LOCATION OF THE SWPPP, THE NAME AND PHONE NUMBER OF A CONTACT PERSON RESPONSIBLE FOR SCHEDULING SWPPP VIEWING TIMES AND ANY OTHER STATE OR LOCAL REQUIREMENTS.
12. THE CONTRACTOR SHALL PROVIDE TEMPORARY SANITATION FACILITIES FOR WORKERS AND MAINTAIN FACILITIES DAILY. TRASH CONTAINERS SHALL BE EMPTIED DAILY, OR WHEN FULL. STORE CHEMICALS, PAINTS, SOLVENTS, LUBRICANTS, FERTILIZERS AND OTHER TOXIC MATERIALS IN WEATHERPROOF CONTAINERS. WASTE MATERIALS TO BE REMOVED OFF SITE AND ANY SEWERS IS PROHIBITED. HAZARDOUS WASTES ARE TO BE REMOVED OFF SITE AND PROPERLY DISPOSED OF CONSISTENT WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
13. THE CONTRACTOR SHALL PREPARE, IMPLEMENT, AND MAINTAIN A SPILL PREVENTION, CONTROL AND COUNTERMEASURES (SPCC) PLAN, AS A SEPARATE DOCUMENT OR AS A COMPONENT OF THE SWPPP, FOR ALL TANKS/CONTAINERS STORING ONSITE FUEL, CHEMICALS, OR OTHER POLLUTANTS CONSISTENT WITH THE REQUIREMENTS OF STATE ENVIRONMENTAL PROTECTION AGENCY NPDES RULES. SELECTIVE MEASURES NECESSARY TO PREVENT AND CLEAN UP SPILLS OF ANY AN TOXIC POLLUTANT, AS DOCUMENTED IN THE FACILITY'S SPCC PLAN, SHALL BE FULLY IMPLEMENTED. SOIL CONTAMINATED BY HAZARDOUS SUBSTANCES, PAINTS, FUEL, OR CHEMICAL SPILLS, SHALL BE IMMEDIATELY REPORTED TO THE FLORIDA DEPARTMENT OF ENVIRONMENT AND NATURE, WHERE POTENTIAL SPILLS CAN OCCUR, MATERIALS HANDLING PROCEDURES SHALL BE SPECIFIED AND PROCEDURES FOR IMMEDIATE CLEANUP/REMEDIATION OF SPILLS SHALL BE DESCRIBED IN THE SPCC PLAN OR EMPLOYEE TRAINING PLANS. THE EQUIPMENT NECESSARY TO IMPLEMENT A CLEANUP SHALL BE MADE AVAILABLE TO FACILITY PERSONNEL. THE PERMITEE SHALL IMMEDIATELY NOTIFY THE DESIGNATED STATE AND LOCAL GOVERNMENT AGENCIES AFTER BECOMING AWARE OF A VISIBLE OIL SHEEN IN STORM WATER RUNOFF FROM ITS FACILITY OR IN A WATER OF THE STATE IN THE PROJECT VICINITY AS A RESULT OF ACTIVITIES AT THE SITE. THE CALLER SHOULD BE REQUIRED TO REPORT TO THE STATE AND TELEPHONE NUMBER OF THE PERSON REPORTING SPILL, THE EXACT LOCATION OF THE SPILL, COMPANY NAME AND LOCATION, THE MATERIAL SPILLED, THE ESTIMATED QUANTITY, THE SOURCE OF SPILL, THE CAUSE OF THE SPILL, THE NEAREST DOWNSTREAM WATER BODY, AND THE ACTIONS TO BE TAKEN FOR CONTAINMENT AND CLEANUP. PETROLEUM PRODUCT SPILLS OF 25 GALLONS OR MORE SHALL BE IMMEDIATELY REPORTED TO THE FLORIDA EPA (850-245-2118), SANTA ROSA COUNTY EMERGENCY MANAGEMENT (850-983-5360), AND THE LOCAL FIRE DEPARTMENT. SPILLS OF 5 GALLONS OR MORE REPORTED TO THE FLORIDA DEPARTMENT OF ENVIRONMENT MUST BE HANDLED PURSUANT TO APPLICABLE LAWS. ALL SPILLS THAT RESULT IN CONTACT WITH WATER OF THE STATE MUST BE REPORTED TO THE FLORIDA EPA. ENVIRONMENTAL REGULATIONS REQUIRE THAT ALL RELEASES OF HAZARDOUS SUBSTANCES EXCEEDING REPORTABLE QUANTITIES BE REPORTED TO THE NATIONAL RESPONSE CENTER (800-424-8802), MAKE SURE TO REPORT THESE ITEMS WITHIN 15 MINUTES OF IDENTIFICATION.
14. PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES, CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, AND SANITARY SEWER. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND THE APPROPRIATE AUTHORITIES.
15. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
16. ALL EXPOSED AREAS SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED WITHIN 14 CALENDAR DAYS OF FINAL GRADING. SHOULD SOIL DISTURBING ACTIVITIES CEASE IN AN AREA FOR 14 CALENDAR DAYS OR MORE, CONTRACTOR SHALL TEMPORARILY SEED THE AREA OR IMPLEMENT OTHER BEST MANAGEMENT PRACTICES TO ESTABLISH INTERIM STABILIZATION. FOR AREAS EXPECTED TO REMAIN DORMANT FOR MORE THAN 14 CALENDAR DAYS, CONTRACTOR SHALL CONSIDER SEEDING AND MULCHING TO EXPOSED SOIL WITHIN 7 DAYS AFTER END OF WORK IN THE AREA.
17. STORM WATER FROM THIS SITE DISCHARGES TO A PROPOSED STORM SEWER THAT THEN DRAINS TO AN PROPOSED DETENTION POND ON THE NORTH SIDE OF THE SITE, ONCE THE POND FILLS, THE STORM SYSTEM OUTLETS INTO THE DITCH PARALLEL TO NAVARRE PARKWAY.
18. ALL DEMOLITION WASTE AND CONSTRUCTION DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE IN A STATE APPROVED WASTE SITE AND IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
19. ALL CONTAMINATED SOIL MUST BE TREATED AND/OR DISPOSED IN FLORIDA EPA APPROVED SOLID WASTE MANAGEMENT.

1. ALL SEDIMENT CONTROLS MUST BE INSTALLED PRIOR TO GRADING. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS (WEEKLY) AND WITHIN 24 HOURS OF A RAINFALL EXCEEDING 0.5 INCHES DURING A 24-HOUR PERIOD. ALL MAINTENANCE REQUIRED BY INSPECTION SHALL COMMENCE WITHIN 24 HOURS AND BE COMPLETED WITHIN 48 HOURS OF REPORT.
2. CONSTRUCTION ENTRANCE(S): REMOVE LARGE CHUNKS OF MUD OR CAKED SOIL FROM CONSTRUCTION ENTRANCE DAILY TO MINIMIZE SEDIMENT BUILDUP. INSPECT STONE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER STORM EVENTS OR HEAVY USE. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL. TOP-DRESS WITH CLEAN SPECIFIED STONE AS NEEDED TO MAINTAIN EFFECTIVENESS. IMMEDIATELY REMOVE MUD OR SEDIMENT TRACKED OR WASHED ONTO ADJACENT PUBLIC OR PRIVATE ROADS OR DRIVES. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY. REMOVE UNNEEDED CONSTRUCTION ENTRANCE MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED. CLEAN ROADS AND DRIVES AT LEAST ONCE WEEKLY.
3. TEMPORARY SEEDING: RESEEDING – INSPECT SEEDINGS WEEKLY UNTIL A STAND IS ESTABLISHED AND THEREAFTER AT LEAST MONTHLY FOR STAND SURVIVAL AND VIGOR. ERODED AREAS SHOULD BE ADDRESSED APPROPRIATELY BY FILLING AND/OR SMOOTHING, AND REAPPLICATION OF LIME, FERTILIZER, SEED AND MULCH. FERTILIZING – SATISFACTORY ESTABLISHMENT MAY REQUIRE SOIL TESTING AND REFERTILIZING THE STAND, ESPECIALLY IF THE PLANTING IS MADE EARLY IN THE PLANTING SEASON. FOLLOW SOIL TEST RECOMMENDATIONS OR THE SPECIFICATIONS PROVIDED TO ESTABLISH THE PLANTING. MOWING – TEMPORARY PLANTINGS MAY BE MOWED AND BAILED OR SIMPLY MOWED TO COMPLEMENT THE USE OF THE SITE.
4. FABRIC DROU INLET PROTECTION: INSPECT FABRIC BARRIER AFTER EACH STORM EVENT AND MAKE NEEDED REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE POOL AREA WHEN THE CAPACITY IS EXHAUSTED. MAINTAIN THE TIGHT TAKE CARE NOT TO DAMAGE OR UNDERCUT THE FABRIC DURING THE SEDIMENT REMOVAL.
5. SILT FENCES: INSPECT SILT FENCES AT LEAST ONCE A WEEK AND AFTER EACH STORM EVENT. MAKE REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF SILT FENCE COLLAPSE, TEAR, OR DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REMOVE SEDIMENT DEPOSITS WHEN THEY REACH A DEPTH OF 1/2 THE HEIGHT OF THE FENCE.
6. STORM SEWER SYSTEM: INSPECT THE STORM SEWER SYSTEM AFTER EACH STORM EVENT AND AT LEAST ONCE WEEKLY. REMOVE AND PROPERLY DISPOSE OF SEDIMENT TO MAINTAIN FULL FLOW IN STORM SEWER PIPING.
7. ALL SITE INSPECTIONS SHALL BE PERFORMED BY QUALIFIED INSPECTOR. THE INSPECTOR SHALL PROVIDE DOCUMENTATION AFTER EACH INSPECTION TO INCLUDE, AT A MINIMUM, THE FOLLOWING: INSPECTION DATE AND TIME; NAMES, TITLES AND QUALIFICATIONS OF THE INSPECTOR; WEATHER FOR THE PERIOD SINCE THE LAST INSPECTION; WEATHER AND DISCHARGES AT THE TIME OF THE INSPECTION; LOCATIONS OF DISCHARGES AND SEDIMENT OR OTHER POLLUTANTS FROM THE SITE; LOCATIONS OF BMPS THAT NEED TO BE MAINTAINED, THAT FAILED TO OPERATE AS DESIGNED OR FAILED TO PROVIDE ADEQUATE PROTECTION, ADDITIONAL WHERE BMPS AREA NEEDED, AND THE CORRECTIVE ACTIONS TO BE IMPLEMENTED INCLUDING ANY NECESSARY PLAN CHANGES AND IMPLEMENTATION DATES. INSPECTION REPORTS SHALL BE SIGNED AND DATED BY THE INSPECTOR AND KEPT ON FILE AT THE SITE. INSPECTION RECORDS SHALL BE KEPT ON FILE FOR A MINIMUM OF THREE (3) YEARS AFTER NOTICE OF TERMINATION.
8. BMPS THAT REQUIRE REPAIR OR MAINTENANCE SHALL BE REPAIRED WITHIN THREE (3) DAYS OF INSPECTION. SEDIMENT PONDS REQUIRING REPAIR OR MAINTENANCE SHALL BE REPAIRED OR CLEANED OUT WITHIN TEN (10) DAYS OF THE INSPECTION.
9. BMPS NOT MEETING THE INTENDED FUNCTION SHALL BE REPLACED WITH A SUITABLE BMP WITHIN TEN (10) DAYS OF THE INSPECTION.
10. MISSING BMPS SHALL BE INSTALLED WITHIN TEN (10) DAYS OF INSPECTION.

SEQUENCE OF CONSTRUCTION

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAP AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

1. ESTABLISH CONSTRUCTION ENTRANCE/EXIT AND SWPPP ENTRANCE SIGN.
2. CONSTRUCT THE PERIMETER AND STORM SEWER EROSION CONTROL MEASURES ON THE SITE.
3. PREPARE TEMPORARY PARKING AND STORAGE AREA INCLUDING DESIGNATED LOCATIONS FOR DUMPSTERS, SANITARY WASTE UNITS, AND CONCRETE WASHOUT AREA AND MARK ON SITE MAP.
4. DEMOLITION OF EXISTING CONCRETE AND ASPHALT PAVEMENT FOR PROPOSED MCDONALD'S AND ASSOCIATED PARKING LOT.
5. FINAL GRADE BUILDING PAD AND PARKING/LANDSCAPE AREAS. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
6. INSTALL UTILITIES, STORM SEWERS, AND CURBS.
7. INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES AS THEY ARE INSTALLED.
8. PREPARE SITE FOR PAVING: REMOVE INLET PROTECTION **NO MORE THAN 48 HOURS PRIOR** TO PLACING STABILIZED BASE COURSE.
9. PAVE SITE.
10. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).
11. CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION IS SIGNED OFF BY THE CONSTRUCTION MANAGER THAT THE SITE IS FULLY STABILIZED AND NOT BEING TERMINATED.
12. FILE NOTICE OF TERMINATION WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP).

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMPs HAVE BEEN COMPLETELY INSTALLED. BMP-RELATED STEPS IN THE ABOVE SEQUENCE ARE **ITALICIZED** FOR CLARITY.

TEMPORARY CONSTRUCTION ENTRANCE
NOT TO SCALE

DANDY CURB BAG - (SAFETY ORANGE)			
Mechanical Properties	Test Method	Units	MARV
Grob Tensile Strength	ASTM D 4632	kN (lbs)	1.62 (365) X 0.89 (200)
Grob Tensile Elongation	ASTM D 4632	%	24 X 10
Puncture Strength	ASTM D 4633	kN (lb)	90 (20)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (450)
Trapezoid Tear Strength	ASTM D 4533	kN (lb)	0.51 (115) X 0.33 (75)
Apparent Opening Size	ASTM D 4751	mm (US Sieve)	0.425 (40)
Flow Rate	ASTM D 4751	1/min (ml/min/ft ²)	90 (45)
Permeability	ASTM D 4461	Sec	2.1

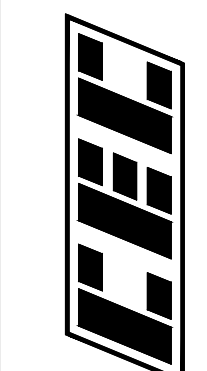
*Note: All Dandy Curb Bags™ can be ordered with our optional oil absorbents

CURB INLET PROTECTION
NOT TO SCALE

REVISION RECORD

NO	DATE	
1	02/14/2025	REVISION 1
2	05/07/2025	REVISION 2
3	01/28/2026	REVISION 3
4	03/06/2026	REVISION 4 - ISSUED FOR CONSTRUCTION
5	04/02/2026	REVISION 5 - ROOF DRAINAGE
6	4/21/2026	REVISION 6 - PARKING

10300 Alliance Road
Suite 300
Cincinnati, OH 45242
Ph: 513.985.0226
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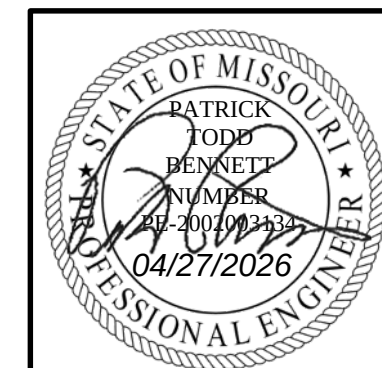
Civil & Environmental
Consultants, Inc.

**MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785**

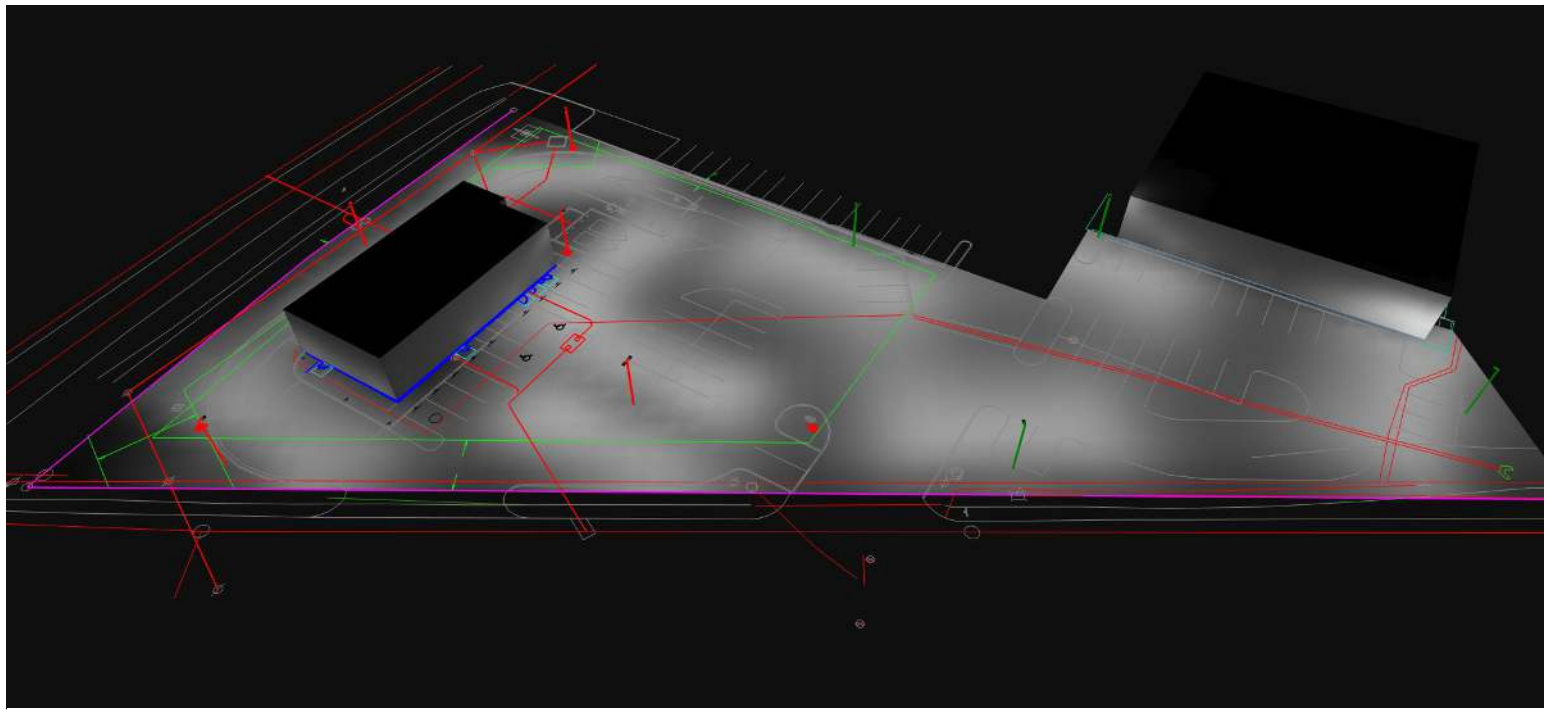
EROSION CONTROL DETAILS

EROSION CONTROL DETAILS	
DATE:	APRIL 2026
DRAWN BY:	AWM
WGS SCALE:	NOT TO SCALE
CHECKED BY:	THA
PROJECT NO:	343-737

DRAWING NO.:
C802
SHEET 12 OF 19



1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.



Regional Drawing
024-1307

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	EPA	Mtg Height	Pole Type
	4	A	SINGLE	0.850	RAR2-480L-240-5K7-4W	226.9	0.607	21	SES-18-40-1-TA-GL-xx (4")
	4	AB	SINGLE	0.850	RAR-2-480L-240-5K7-4W-BC	226.9	0.607	21	SES-18-40-1-TA-GL-xx (4")
	1	AB2@180	BACK-BACK	0.850	RAR-2-480L-240-5K7-4W-BC	226.9	1.214	21	SES-18-40-1-TA-GL-xx (4")



**SECURITY
LIGHTING™**

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

SCALE 1"=20' 0"

DRAWN BY CLB

POINT-BY-POINT FOOTCANDLE PLOT FOR

MCDONALDS

1101 South Street
Stockton, MO 65785

NATIONAL STORE NUMBER

DATE _____

2/5/2026

DRAWING NUMBER

A242135D.AGT

THIS DRAWING MEETS OR EXCEEDS McDONALD'S CURRENT ILLUMINATION SPECIFICATIONS OF A 3-4 FOOTCANDLE AVERAGE, UNLESS SUPERSEDED BY OTHER REQUIREMENTS.

1. THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS TO SECURITY LIGHTING SYSTEMS. SITE DETAILS PROVIDED HEREON ARE REPRODUCED AS IS, AND AS A RESULT, THE DESIGNER ASSUMES NO LIABILITY FOR ANY PRELIMINARY DESIGN, PRELIMINARY PERFORMANCE, PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, PLANTING HEIGHT, ETC.) SHOULD BE OBTAINED FROM THE CONTRACTOR AND/OR SPECIFIC RESPONSE FOR THE PROJECT.
2. LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF THE BALLASTS AND LUMINAIRES ARE NOT CONSIDERED.
3. CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE OWNER'S REPRESENTATIVE.
4. THIS LAYOUT MAY NOT MEET CITY 24 OR LOCAL ENERGY REQUIREMENTS. IF THIS LAYOUT NEEDS TO COMPLY WITH CITY 24 OR OTHER ENERGY REQUIREMENTS, THE CONTRACTOR MUST FACTOR IN THE ADDITIONAL REASONING FOR THE REQUIREMENTS TO COMPLY WITH THE CITY 24 OR OTHER ENERGY REQUIREMENTS. THE REQUIREMENTS TO COMPLY WITH THE CITY 24 OR OTHER ENERGY REQUIREMENTS MAY BE MADE BY THE CONTRACTOR'S ELECTRICAL ENGINEERING.

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GENERAL

- THESE GENERAL NOTES REPRESENT AND/OR SUMMARIZE KEY PROJECT INFORMATION FOR THE DRAWING USER'S CONVENIENCE. HOWEVER, ALL CONSTRUCTION DOCUMENTS SHOULD BE REVIEWED FOR FURTHER DETAILS AND REQUIREMENTS.
- WHERE REFERENCE IS MADE TO VARIOUS CODES, STANDARDS, AND TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE AS SPECIFIED IN SECTION **CODES AND STANDARDS**.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
- TYPICAL DETAILS ARE NOT OUT ON DRAWINGS, BUT APPLY UNLESS NOTED OTHERWISE.
- WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- FOR PROJECT DIMENSIONAL CONTROL, SEE CIVIL DRAWINGS.
- ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ELECTRICAL PRIOR TO CONSTRUCTION. DO NOT PENETRATE ANY STRUCTURAL ELEMENTS (FOOTINGS, PIERS, ETC) WITHOUT PRIOR WRITTEN APPROVAL OF STRUCTURAL ENGINEER UNLESS SPECIFIC PENETRATION DETAILS ARE SHOWN ON DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL BUILDING PERMITS AND SCHEDULING/ACCOMMODATING ALL REQUIRED INSPECTIONS PERTAINING TO THE BUILDING PERMITS.
- SUBMIT SHOP DRAWINGS, PROJECT DATA AND SAMPLES AS SPECIFIED ON CONSTRUCTION DOCUMENTS.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, WHICH IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION IS FULLY COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THE STABILITY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, TEMPORARY BRACING, ETC. THAT MAY BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.
- THIS ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ACTS OR OMISSIONS OF THE CONTRACTOR, THEIR SUBCONTRACTORS, AND ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF THESE PERSONS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK THAT CONFORMS WITH THE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) SAFETY AND HEALTH STANDARDS FOR THE CONSTRUCTION INDUSTRY.
- CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IN SUCH A MANNER TO NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT OF THE AREA.
- OPTIONS AND ALTERNATES ARE FOR THE CONTRACTOR'S CONVENIENCE. IF AN OPTION OR ALTERNATE IS CHOSEN, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY AND SHALL COORDINATE ALL DETAILS WITH EOR PRIOR TO CONSTRUCTION.
- THE FOLLOWING ABBREVIATIONS MAY BE USED ON THE DRAWINGS:

ABBREVIATIONS

A ROD	ANCHOR ROD	LB	POUND
A/E	ARCHITECT & ENGINEER	LF	LINEAR FEET
AB	ANCHOR BOLT	LL	LIVE LOAD
ACI	AMERICAN CONCRETE INSTITUTE	LONG	LONGITUDINAL
ADDL	ADDITIONAL		
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	M	MOMENT
ALT	ALTERNATE	MATL	MATERIAL
ALUM	ALUMINUM	MAX	MAXIMUM
APPROX	APPROXIMATE	MECH	MECHANICAL
APVD	APPROVED	MFD	MANUFACTURED
ARCH	ARCHITECTURAL/ARCHITECT	MFR	MANUFACTURER
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	MIN	MINIMUM
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	MISC	MISCELLANEOUS
AWS	AMERICAN WELDING SOCIETY	MTL	METAL
B/	BOTTOM OF	N&F	NEAR AND FAR
BDM	BUILDING	N/A	NOT APPLICABLE
BM	BEAM	NO	NOT IN CONTRACT
BOT	BOTTOM	NO	NUMBER
BRG	BEARING	NOM	NOMINAL
BTWN	BETWEEN	NS	NEAR SIDE
		NT	NOT TO SCALE
C/C	CENTER TO CENTER	OC	ON CENTER
CALC	CALCULATION(S)	OD	OUTSIDE DIAMETER
CHKD	CHECKED	OF	OUTSIDE FACE
CIP	CAST-IN-PLACE CONCRETE	OPNG	OPENING
CL	CENTERLINE	OPP	OPPOSITE
CLR	CLEAR/CLEARANCE		
CMU	CONCRETE MASONRY UNIT	PCF	POUNDS PER CUBIC FOOT
COL	COLUMN	PCI	POUNDS PER CUBIC INCH
CONC	CONCRETE	PE	PROFESSIONAL ENGINEER
CONN	CONNECTION	PERM	PENETRATION PERIMETER
CONT	CONTINUOUS	PL	PLATE
COORD	COORDINATE	PLCS	PLACES
CP	CONCRETE PIER	PLF	POUNDS PER LINEAR FOOT
CRSI	CONCRETE REINFORCING STEEL INSTITUTE	PREFAB	PREFABRICATED
CTR	CENTER	PROJ	PROJECTION
CTRD	CENTERED	PSF	POUNDS PER SQUARE FOOT
CU	CUBIC	PSI	POUNDS PER SQUARE INCH
		PT	POINT
		PVC	POLYVINYL CHLORIDE
		QTY	QUANTITY
(E)	EXISTING	R	RADIUS
EA	EACH	REF	REFERENCE
EF	EACH FACE	REINF	REINFORCING
EL	ELEVATION	REOD	REQUIRED
ELEC	ELECTRICAL	RET	RETURN
ENGR	ENGINEER	REV	REVISION
EOR	ENGINEER OF RECORD		
EQU	EQUAL	SCHED	SCHEDULE
EQUIP	EQUIPMENT	SECT	SECTION
EW	EACH WAY	SHT	SHEET
FDN	FOUNDATION	SIM	SIMILAR
FF	FINISHED FLOOR	SL	SLOPE
FFE	FINISHED FLOOR ELEVATION	SPCS	SPACES
FG	FINISHED GRADE	SPEC(S)	SPECIFICATION(S)
FIN	FINISH	SQ	SQUARE
FND	FOUNDATION	SS	STAINLESS STEEL
FRMG	FRAMING	STD	STANDARD
FRP	FIBER REINFORCED PLASTIC	STL	STEEL
FS	FAR SIDE	STRUCT	STRUCTURAL
FT	FOOT	SYM	SYMMETRICAL
FTG	FOOTING		
GA	GAGE, GAUGE	T/	TOP OF
GALV	GALVANIZED (HOT DIP)	T&B	TOP AND BOTTOM
		T&G	TONGUE AND GROOVE
		THK	THICK
(H)	HORIZONTAL BEAM ORIENTATION	THRU	THROUGH
HORIZ	HORIZONTAL	TP	TOE PLATE
HP	HIGH POINT	TRANS	TRANSVERSE
HR	HANDRAIL	TYP	TYPICAL
HSB	HIGH STRENGTH BOLT		
		UL	UNDERWRITERS LABORATORIES UNLESS NOTED OTHERWISE
IF	INSIDE FACE	UNO	
IBC	INTERNATIONAL BUILDING CODE		
ICC	INTERNATIONAL CODE COUNCIL	VERT	VERTICAL
ICF	INSULATED CONCRETE FORM	VIF	VERIFY IN FIELD
ID	INSIDE DIAMETER		
IN	INCH	W/	WITH
INT	INTERIOR	W/O	WITHOUT
		WCU	WALL CONTROL JOINT
		WJ	WORKING POINT
K	KIP(S)	WS	WATERSTOP
KB	KNEE BRACE	WWR	WELDED WIRE REINFORCEMENT
KSF	KIPS PER SQUARE FOOT		
KSI	KIPS PER SQUARE INCH	YD	YARD

CODES & STANDARDS

- | | |
|-------------------|--|
| 1. IBC 2018: | INTERNATIONAL BUILDING CODE [W/STATE OF MISSOURI AMENDMENTS] |
| 2. ASCE 7-16: | MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES |
| 3. MNL-66-20: | ACI DETAILING MANUAL |
| 4. ACI 117-10: | SPECIFICATION FOR TOLERANCES FOR CONCRETE |
| 5. ACI 301-20: | STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE |
| 6. ACI 318-14: | BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE |
| 7. ACI 347-14: | STANDARD SPECIFICATION FOR FORMWORK FOR CONCRETE |
| 8. CRSI-17: | MANUAL OF STANDARD PRACTICE |
| 9. ASTM A615-15: | STANDARD SPECIFICATION FOR DEFORMED AND PLAIN CARBON STEEL BARS FOR CONCRETE REINFORCEMENT |
| 10. ASTM C150-15: | STANDARD SPECIFICATION FOR PORTLAND CEMENT |

DESIGN CRITERIA

RISK CATEGORY		I (II FOR LIGHT POLE)
1. DEAD LOADS (ASSUMED)		
A. CANOPY	750 LBS	
B. DRIVE-THRU GATEWAY	576 LBS	
C. DIRECTIONAL SIGN	500 LBS	
D. PRE-BROWSE MENU	500 LBS	
E. DIGITAL MENU BOARD	500 LBS	
F. FLAGPOLE	830 LBS	
G. LIGHT POLE	400 LBS	
2. SNOW LOADS		
A. GROUND SNOW LOAD	20 PSF	
B. EXPOSURE FACTOR	0.9	
C. THERMAL FACTOR	1.2	
D. ROOF SNOW LOAD	20.1 PSF	
3. WIND LOADS		
A. ULTIMATE WIND SPEED (3-SECOND GUST)	102 MILES PER HOUR (108 MILES PER HOUR)	
B. EXPOSURE	C	
C. BUILDING CLASSIFICATION	SOLID FREESTANDING WALLS & SOLID SIGNS	

NOTES:

- VEHICULAR IMPACT AND SEISMIC LOAD WERE EXCLUDED FROM OUR DESIGN CRITERIA.

FOUNDATION NOTES

- FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING GEOTECHNICAL REPORT (SUPPLIED BY OWNER):
 - PREPARER: ECS MIDWEST, LLC
 - REPORT DATE: 09-04-2024
- THE DESIGN PARAMETERS WERE PROVIDED FOR SOIL PROPERTIES AS NOTED BELOW:
 - BEARING CAPACITY: 2000 PSF (ALLOWABLE)
 - MODULUS OF SUBGRADE REACTION: 125 PCI
 - DENSITY OF SOIL & BACKFILL: 120 PCF
 - FROST DEPTH: 3 FT
 - PASSIVE LATERAL SOIL PRESSURE: 300 PSF/FT
- GEOTECHNICAL ENGINEER TO BE RETAINED BY OWNER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING AND FOUNDATION PHASE OF CONSTRUCTION. INSPECTION AND TESTING REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD.
- PREPARE FOUNDATION/STRUCTURAL SLAB-ON-GRADE, AND RETAINING WALL, WALL SUBGRADE IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE PROJECT GEOTECHNICAL REPORT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHETHER OR NOT ADDITIONAL GEOTECHNICAL INFORMATION IS REQUIRED AND TO PROVIDE SUCH INFORMATION AS HE/SHE DEEMS NECESSARY.
- PRIOR TO PLACEMENT OF CONCRETE, CONTRACTOR SHALL CONFIRM ALL FOUNDATION EMBED ITEMS - PIPES, SLEEVES, STEEL PLATES, INSERTS, ETC., ARE IN PLACE.
- BASED ON THE PROVIDED GEOTECHNICAL REPORT, THE SOILS ENCOUNTERED WITHIN THE UPPER FEW FEET ARE UNDOCUMENTED CLAYEY/SILTY SAND POSSIBLE FILL SOILS AND UNDOCUMENTED LEAN CLAY POSSIBLE FILL SOILS UNDERLAIN BY HIGH PLASTICITY "FAT CLAY" SOILS. CONTRACTOR TO OVERCUT AND PREPARE SUBGRADE PER RECOMMENDATIONS OF GEOTECHNICAL REPORT.
- ACCEPTABLE BEARING MATERIAL FOR THE SHALLOW FOUNDATIONS SHALL BE COMPACTED LVM ENGINEERED FILL OR LEAN CONCRETE OVER STRATUM II PER RECOMMENDATIONS OF GEOTECHNICAL REPORT.

EXCAVATIONS

- EXCAVATIONS SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL REPORT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE SHORING OR SLOPING OF EXCAVATIONS TO MEET OSHA REQUIREMENTS. DESIGN OF SHORING IS THE CONTRACTOR'S RESPONSIBILITY. EXCAVATIONS SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- BLASTING IS NOT PERMITTED.
- ANY SURFACES DISTURBED DURING CONSTRUCTION SHALL BE GRADED TO MATCH SITE GRADING DRAWINGS.
- POSITIVE SITE DRAINAGE SHALL BE PROVIDED AT ALL TIMES SO THAT WATER IS NOT ALLOWED TO POND IN EXCAVATIONS OR NEAR FOUNDATIONS
- ANY SOFT SPOTS ENCOUNTERED ON SITE SHALL BE REMOVED AND REPLACED WITH ENGINEERED FILL. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.

ANCHOR RODS & EMBEDDED STEEL

- ALL REFERENCE TO HEADED STUDS SHALL INDICATE AUTOMATIC WELDED HIGH STRENGTH HEADED STUDS (NELSON OR EQUAL). STUDS SHALL CONFORM TO ALL REQUIREMENTS OF THE LATEST EDITION OF THE "RECOMMENDED PRACTICES FOR STUD WELDING" AND THE "STRUCTURAL WELDING CODE" PUBLISHED BY THE AMERICAN WELDING SOCIETY. CONFORMANCE SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL QUALITY CONTROL TESTING PROVISIONS OF THE AFOREMENTIONED PUBLICATIONS.
- ALL STEEL ITEMS EMBEDDED IN CONCRETE INCLUDING ANCHOR RODS SHALL BE PLAIN UNLESS NOTED OTHERWISE ON DESIGN DRAWINGS.
- COLUMN BASEPLATE ANCHOR BOLT HOLES SHALL BE OVERSIZED IN ACCORDANCE WITH AISC TABLE 14.2, UNLESS NOTED OTHERWISE.
- ANCHOR BOLTS SHALL BE PRE-TENSIONED TO THE VALUES GIVEN ON THE DESIGN DRAWINGS WHERE SHOWN. OTHERWISE TIGHTEN TO SNUG-TIGHT CONDITION AS DEFINED BY AISC.

STRUCTURAL CONCRETE

- CONCRETE WORK SHALL FOLLOW THE PRACTICES AND STANDARDS SPECIFIED IN SECTION **CODES AND STANDARDS**.
- CONCRETE PROPERTIES:
 - ALL CONCRETE SHALL CONFORM TO ASTM C94
 - ALL AGGREGATES SHALL CONFORM TO ASTM C33 (NORMAL-WEIGHT) & ACI 302.1
 - ALL CONCRETE SHALL BE CURED IN CONFORMANCE WITH ACI 301
 - ALL CONCRETE FORMWORK SHALL CONFORM WITH ACI 347
- ADDITION OF WATER TO THE BATCH FOR MATERIAL WITH INSUFFICIENT SLUMP WILL NOT BE PERMITTED, UNLESS THE SUPPLIER HAS SPECIFICALLY WITHHELD WATER FROM THE BATCH AT THE PLANT. IN SUCH CASE, THE MIX DESIGN AND TRUCK TICKET MUST CLEARLY STATE THE MAXIMUM AMOUNT OF WATER THAT CAN BE ADDED TO THE BATCH ON SITE. IN NO CASE SHALL THE DESIGN WATER TO CEMENTITIOUS MATERIAL RATIO BE EXCEEDED.
- AGGREGATES DETERMINED TO BE ALKALI-CARBONATE REACTIVE (ACR), IN ACCORDANCE WITH ASTM C1778, ARE NOT PERMITTED.
- CONTRACTOR TO SUBMIT ALL PROPOSED CONCRETE ADMIXTURES TO EOR FOR APPROVAL.
- CONTRACTOR AND RED-MIX SUPPLIER SHALL SELECT A TARGET SLUMP FOR THE POINT OF DELIVERY FOR CONCRETE MIXTURES USED FOR THIS PROJECT. SELECTED TARGET SLUMP SHALL NOT EXCEED 9 INCHES. CONCRETE SHALL NOT SHOW VISIBLE SIGNS OF SEGREGATION. THE TARGET SLUMP INDICATED ON THE SUBMITTAL SHALL BE USED AS THE BASIS FOR ACCEPTANCE DURING THE PROJECT. DETERMINE THE SLUMP BY ASTM C143/C143M. SLUMP TOLERANCES SHALL BE IN ACCORDANCE WITH ACI 117.
- MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT THAT SLABS ON GRADE NEED TO BE VIBRATED ONLY AROUND FLOOR DUCTS, SLAB EDGES, REINFORCING, KEYS, ETC. MECHANICALLY VIBRATE ONLY THE TOP 5 FEET OF DRILLED PIER CONCRETE. REVIBRATE TOP OF DRILLED PIER 15 MINUTES AFTER PLACING CONCRETE.
- WHERE SPECIFIED, VERTICAL CONCRETE SURFACES ARE TO BE FORMED.
- ALL EXPOSED CONCRETE CORNERS (BOTH VERTICAL & HORIZONTAL) SHALL HAVE A 3/4" CHAMFER OR ROUNDED TOOLED EDGE.
- THE REQUIREMENTS OF MECHANICAL, ELECTRICAL AND PLUMBING FOR EMBEDDED ITEMS INCLUDING PIPE, CONDUIT, EMBEDDED STEEL, AND BOLTS ARE TO BE CHECKED PRIOR TO EACH CONCRETE POUR. VERIFY ALL ANCHOR OR BOLT LOCATIONS AND EQUIPMENT OPENINGS AGAINST CERTIFIED VENDOR DRAWINGS.
- ALL CONCRETE SHALL CURE A MINIMUM OF 7 DAYS AFTER POURING, AND SHALL REMAIN UNLOADED UNTIL CONCRETE HAS REACHED 80% OF THE 28 DAY DESIGN STRENGTH, UNLESS APPROVED BY THE ENGINEER OF RECORD.
- UNLESS OTHERWISE SPECIFIED, CONCRETE TEMPERATURE AS DELIVERED SHALL NOT EXCEED 95 DEGREES FAHRENHEIT NOR BE LESS THAN 55 DEGREES FAHRENHEIT FOR SECTION SIZE <12", 50 DEGREES FAHRENHEIT FOR 12" - 36". TEMPERATURE OF CONCRETE AS PLACED SHALL NOT EXCEED THESE VALUES BY MORE THAN 40 DEGREES FAHRENHEIT.
- CONTRACTOR TO SELECT A TARGET SLUMP BASED ON ASTM C143 AS PERMITTED UNDER ACI 301.
- ALKALI-SILICA REACTION - COMPLY WITH ONE OF THE FOLLOWING:
 - EXPANSION RESULT OF AGGREGATE: NOT MORE THAN 0.04 PERCENT AT ONE-YEAR WHEN TESTED IN ACCORDANCE WITH ASTM 1283.
 - EXPANSION RESULTS OF AGGREGATE AND CEMENTITIOUS MATERIALS IN COMBINATION: NOT MORE THAN 0.10 PERCENT AT AN AGE OF 16 DAYS WHEN TESTED IN ACCORDANCE WITH ASTM C1567.
 - ALKALI CONTENT IN CONCRETE: NOT MORE THAN 4 LB/YD³ FOR MODERATELY REACTIVE AGGREGATE OR 3 LB/YD³ FOR HIGHLY REACTIVE AGGREGATE, WHEN TESTED IN ACCORDANCE WITH ASTM C1293 AND CATEGORIZED IN ACCORDANCE WITH ASTM C1778, BASED ON ALKALI CONTENT BEING CALCULATED IN ACCORDANCE WITH ACI 301 (ACI 301M).

CONCRETE MIX REQUIREMENTS						
CONCRETE TYPE	28 DAY COMPRESSIVE STRENGTH (f _c , PSI)	AIR CONTENT (+/- 1.5%)	MAX W/C RATIO	MAX NOM AGG SIZE (IN)	CEMENT TYPE	FLYASH % (OF TOTAL CEMENT)
FOUNDATIONS	4,500	6.0%	0.45	3/4	I/II	10-20

*NON-METALLIC SURFACE HARDENER TO BE APPLIED.

+T" IS THE THICKNESS OF THE TOPPING.

REINFORCING STEEL

- REINFORCING STEEL SHALL FOLLOW THE PRACTICES AND STANDARDS SPECIFIED IN SECTION **CODES AND STANDARDS**.
- TYPICAL REINFORCING BAR STRENGTHS
 - REINFORCING (NON-WELDABLE) ASTM A615, DEFORMED
F_y = 60 KSI (420 MPa)
- CONCRETE COVER FOR REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 OR ACI 350, UNLESS OTHERWISE NOTED.
- DETAILING, FABRICATING, SUPPORT, AND PLACING OF ALL BARS SHALL BE PER CRSI SPECIFICATIONS/HANDBOOKS AND THE LATEST ACI CODES AND DETAILING MANUALS.
- ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONCRETE. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE.
- REINFORCING BAR SPACINGS GIVEN ARE MAXIMUM ON CENTERS.
- REINFORCING BAR HOOKS AND BENDS SHALL BE ACI STANDARD DIMENSIONS, UNLESS NOTED OTHERWISE.
- REINFORCING BARS SHALL NOT BE BENT OR STRAIGHTENED IN A MANNER THAT WILL DAMAGE THE MATERIAL. BARS WITH KINKS OR IMPROPER BENDS SHALL NOT BE USED. NO BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE FIELD BENT, EXCEPT AS SHOWN ON THE DRAWINGS OR AS PERMITTED BY THE ENGINEER.
- NO REINFORCING STEEL SHALL BE FIELD BENT WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD. FIELD BENDING OF PLAIN REINFORCEMENT, IF PERMITTED, SHALL BE PERFORMED USING AN APPROVED AND APPROPRIATE SIZED PORTABLE HYDRAULIC DEVICE THAT MAKES ACI STANDARD RADIUS BENDS. NO OTHER FIELD BENDING METHOD SHALL BE PERMITTED.
- REINFORCING LAP SPLICES IN CONCRETE SHALL BE PER TYPICAL DETAILS UNLESS NOTED OTHERWISE. ALL SPLICE LOCATIONS ARE SUBJECT TO APPROVAL. PROVIDE BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT CORNERS AND INTERSECTIONS OF FOOTINGS AND WALLS.
- ALL SPLICING OF REINFORCING BARS SHALL BE DONE BY LAPPING UNLESS OTHERWISE APPROVED. BARS SPLICED BY NON CONTACT LAP SPLICES IN FLEXURAL MEMBERS SHALL NOT BE SPACED TRANSVERSELY FARTHER APART THAN ONE-FIFTH THE REQUIRED SPLICE LENGTH NOR 6 INCHES.
- LAP SPLICE LENGTHS FOR DEFORMED BARS SHALL BE ACI 318 CLASS B TENSION LAP SPLICES UNLESS OTHERWISE NOTED ON DESIGN DRAWINGS.
- LAP SPLICES FOR ADJACENT BARS SHALL BE STAGGERED. STAGGERED SPLICE REQUIREMENTS DO NOT APPLY TO BEAMS AND COLUMNS.
- ALL SPLICES NOT DETAILED ON DESIGN DRAWINGS SHALL BE TAKEN AS TENSION LAP SPLICES.
- ALL REINFORCING BARS AT REINTRANS CORNERS SHALL EXTEND FOR THE FULL BAR DEVELOPMENT LENGTH PAST THE CORNERS UNLESS NOTED.

REINFORCING CLEAR COVER TABLE	
TYPE	CONCRETE CLEAR COVER (IN)
PERMANENTLY EXPOSED TO OR CAST AGAINST EARTH	3
EXPOSED TO EARTH OR WEATHER (#5 OR SMALLER)	1 1/2
EXPOSED TO EARTH OR WEATHER (#6 OR LARGER)	2
NOT EXPOSED TO EARTH OR WEATHER (#11 OR SMALLER)	1
NOT EXPOSED TO EARTH OR WEATHER (#12 OR LARGER)	1 1/2

CONCRETE DEVELOPMENT/LAP SPLICE SCHEDULE (f _c = 4.5 KSI)				
BAR SIZE	DEVELOPMENT LENGTH (IN) ⁺		LAP SPLICE LENGTH, CLASS B (IN) ⁺	
	BAR TYPE 1*	BAR TYPE 2*	BAR TYPE 1*	BAR TYPE 2*
4	18	27	24	35
5	23	34	30	44
6	27	41	35	53
7	40	59	51	77
8	45	68	59	88
9	51	76	66	99

*BAR TYPE 1 - CLEAR SPACING OF BARS BEING DEVELOPED OR LAP SPLICED NOT LESS THAN D_b; CONCRETE COVER NOT LESS THAN D_b, AND STIRRUPS OR TIES THROUGHOUT L_d NOT LESS THAN THE CODE MINIMUM.

BAR TYPE 2 - OTHER CASES

+WHERE HORIZONTAL REINFORCEMENT IS PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE, INCREASE THE LENGTHS SHOWN BY A FACTOR OF 1.3.

10300 Alliance Road
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Cincinnati, OH 45242
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www.cccinc.com



Civil & Environmental
Consultants, Inc.

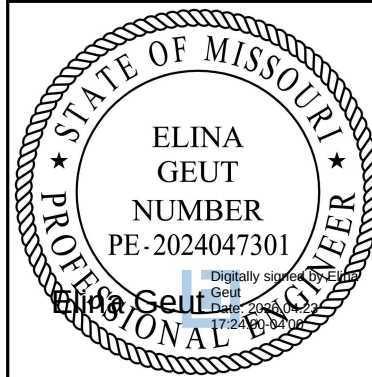
MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

STRUCTURAL GENERAL NOTES

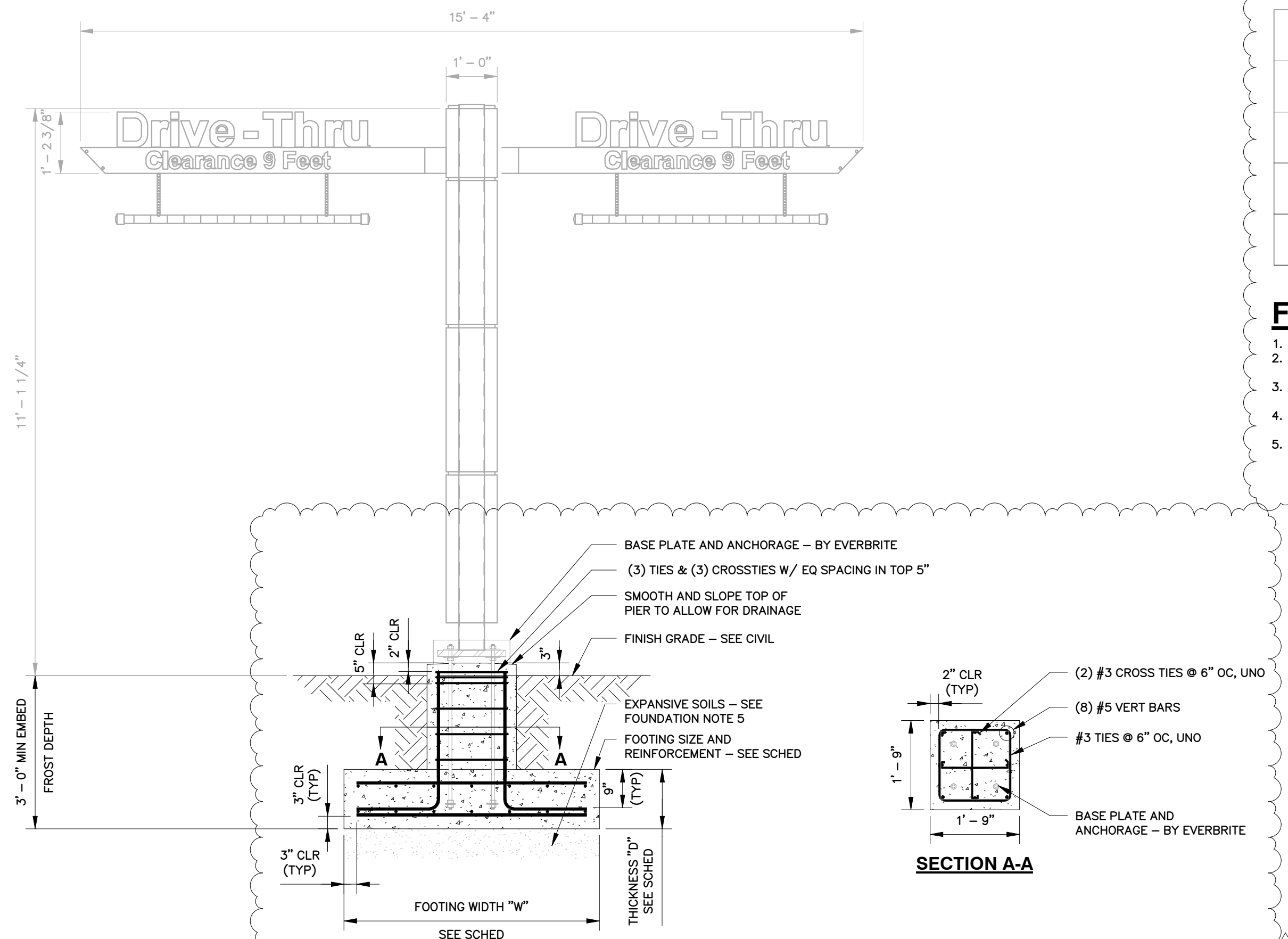
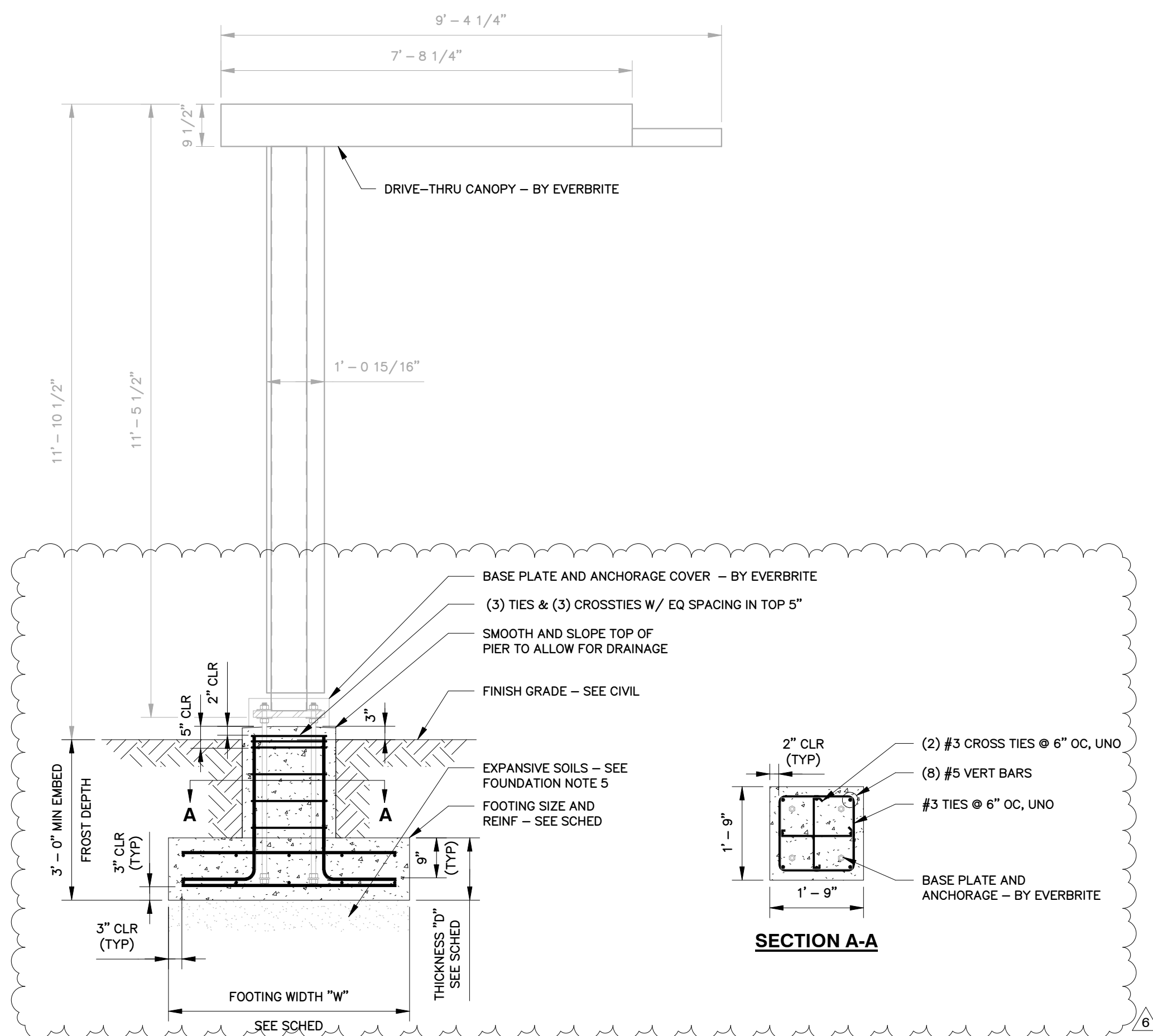
DRAWING NO.:

S100

SHEET 1 OF 3



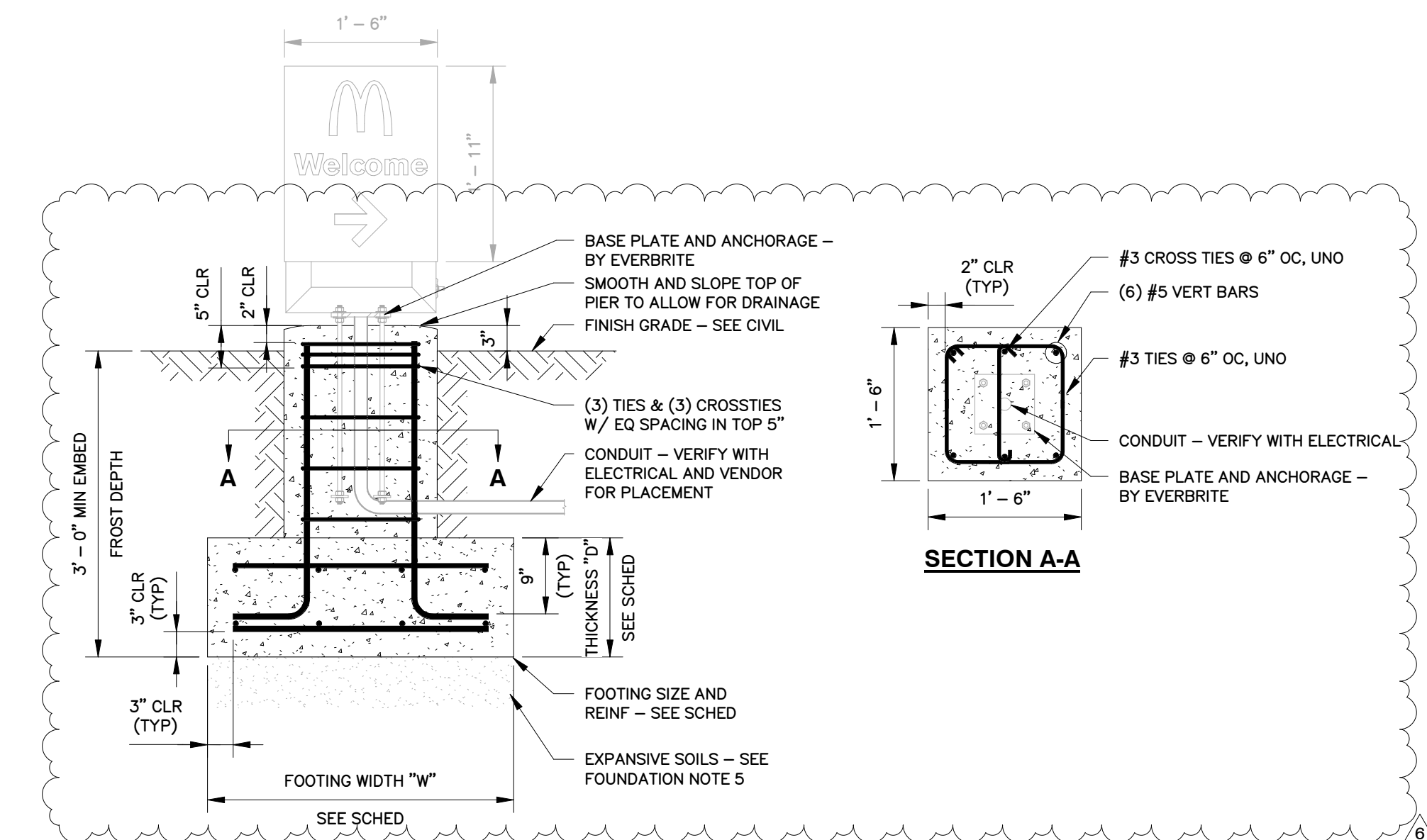
DATE	DESIGNED BY	CHECKED BY	APPROVED BY
AUGUST 2024	NTS	343-737	



FOOTING SCHEDULE		
SIGN / STRUCTURE	DIMENSIONS (L x W x D)	REINFORCEMENT
CANOPY	4' - 6" x 4' - 6" x 1' - 2"	#5 @ 10" OC EW T&B
GATEWAY	5' - 0" x 5' - 0" x 1' - 2"	#5 @ 10" OC EW T&B
DIRECTIONAL	3' - 0" x 3' - 0" x 1' - 2"	#5 @ 10" OC EW T&B

FOUNDATION NOTES

1. SEE CIVIL FOR FOUNDATION LOCATIONS.
2. CONTRACTOR SHALL COORDINATE ALL ELEVATIONS AND GRADING WITH CIVIL DRAWINGS AND NOTIFY THE EOR OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE ALL ANCHORAGE WITH EVERBRITE AND NOTIFY THE EOR OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO ENSURE THAT FOUNDATIONS MEET MINIMUM FROST DEPTH REQUIREMENTS AND ARE CONSTRUCTED AND FINISHED TO THE SPECIFICATIONS OF A GEOTECHNICAL ENGINEER.
5. FOR GEOTECHNICAL REPORT, POTENTIAL EXPANSIVE SOILS WAS ENCOUNTERED ON SITE. TO REDUCE HARM OR SETTLEMENT RELATED ISSUES ASSOCIATED WITH EXPANSIVE SOILS, MEDIUM AND HIGH PLASTIC CLAY CONTAINED AND FOUND IN THE SUBGRADE SHALL BE BACKFILLED WITH PROPERLY COMPACTED AND NON-EXPANSIVE FILL MATERIALS. FOR ADDITIONAL INFORMATION, SEE GENERAL NOTES.



REVISION RECORD

REVISION RECORD

CEE
Civil & Environmental
Consultants, Inc.

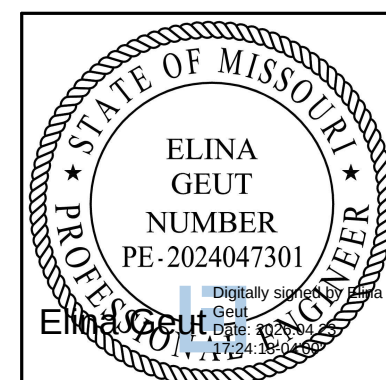
10300 Alliance Road
Suite 300
Cincinnati, OH 45242
Ph: 513.985.0226
www.ccecinc.com



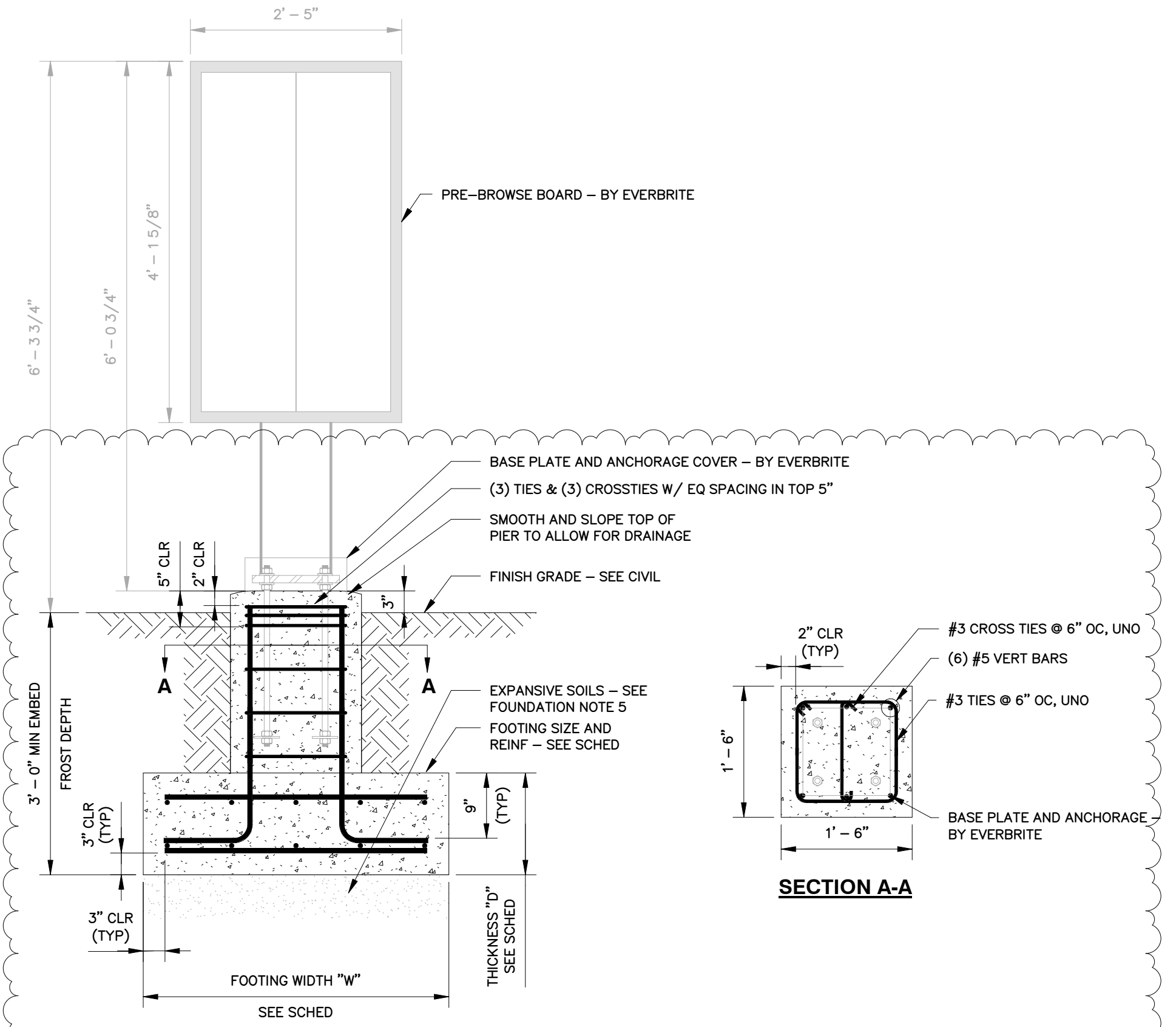
**Civil & Environmental
Consultants, Inc.**

MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

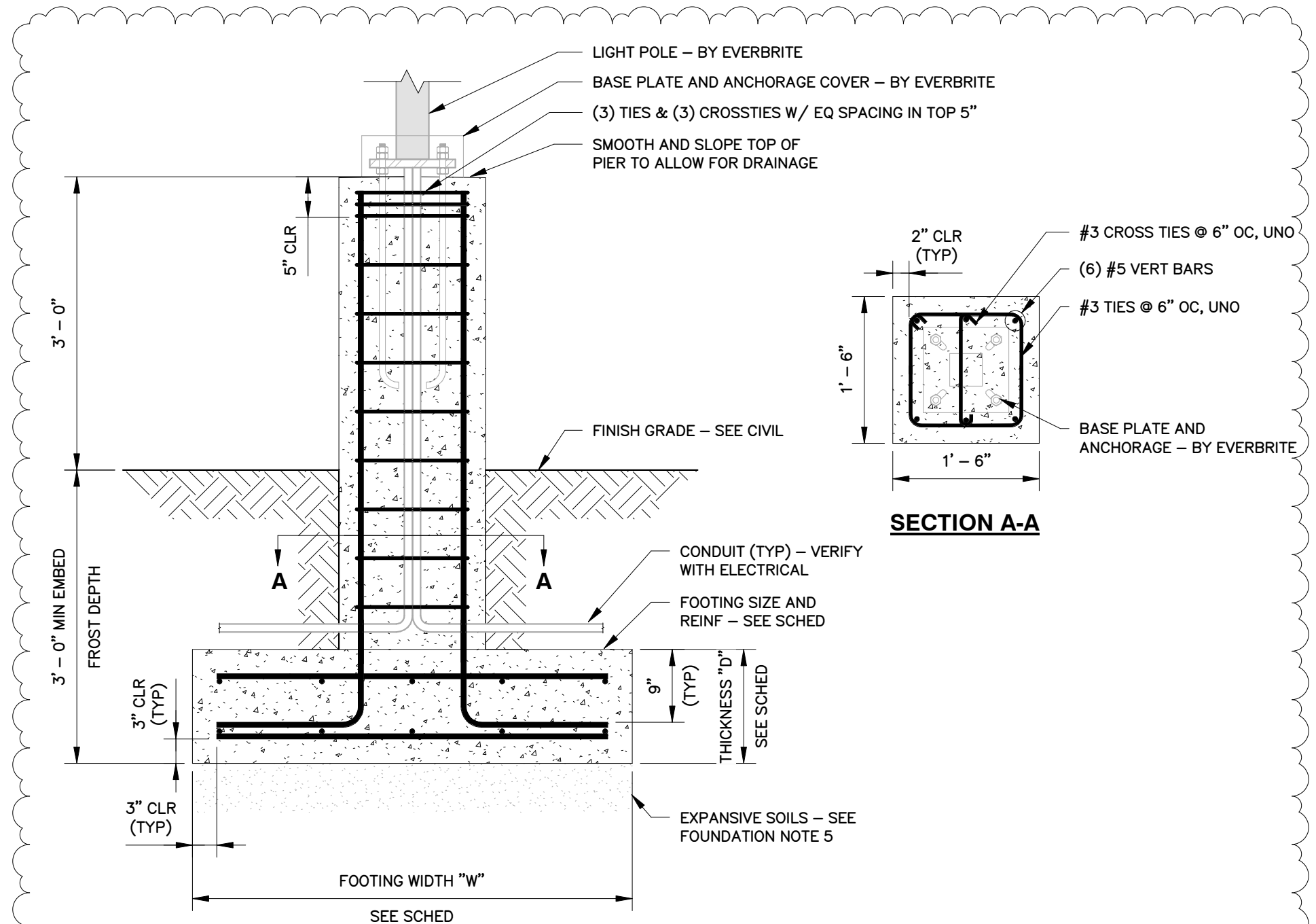
STRUCTURAL FOUNDATION DETAILS	
DATE:	AUGUST 2024
DWG SCALE:	As indicated
PROJECT NO:	343-737
DRAWN BY:	RL
CHECKED BY:	BCK



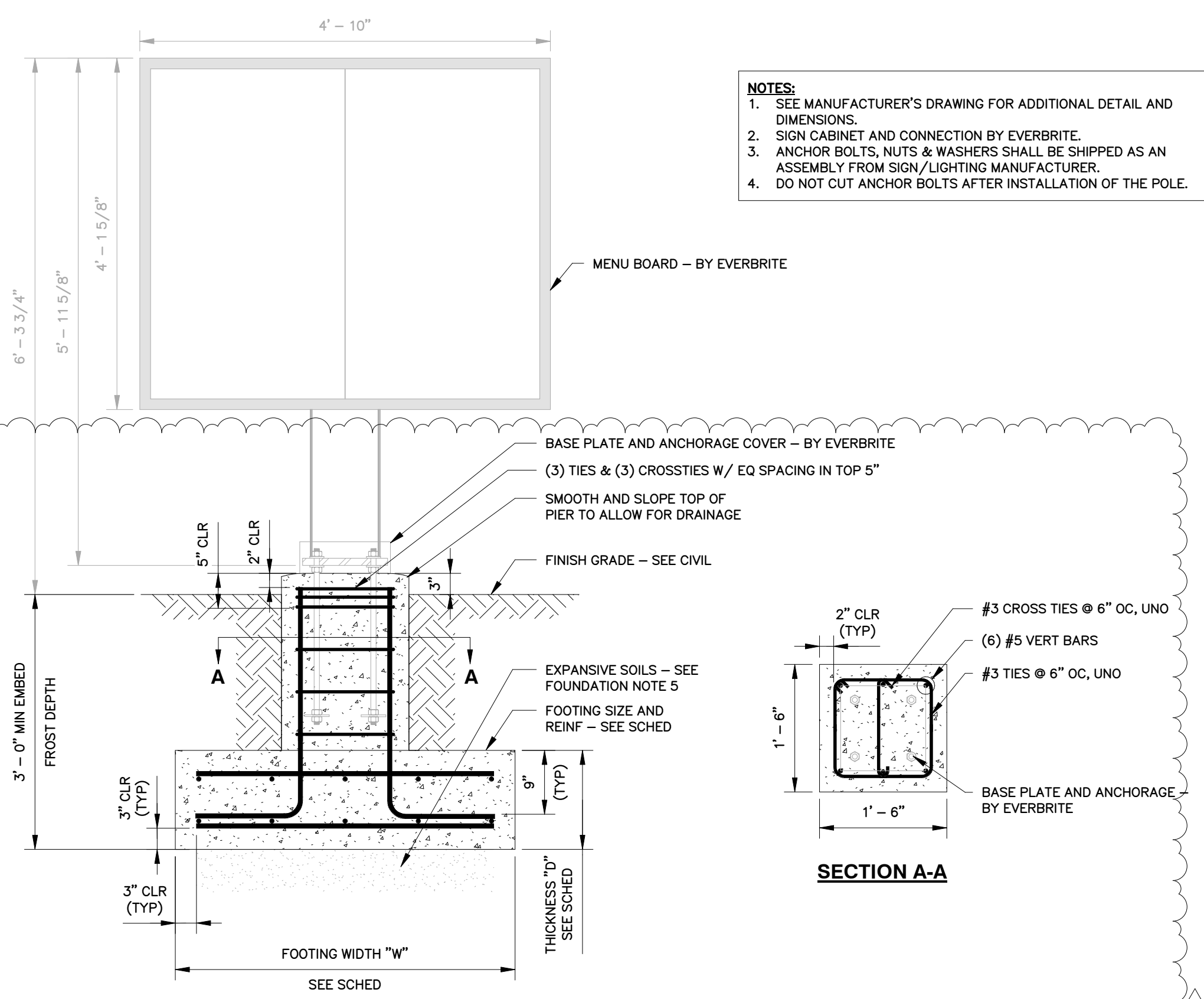
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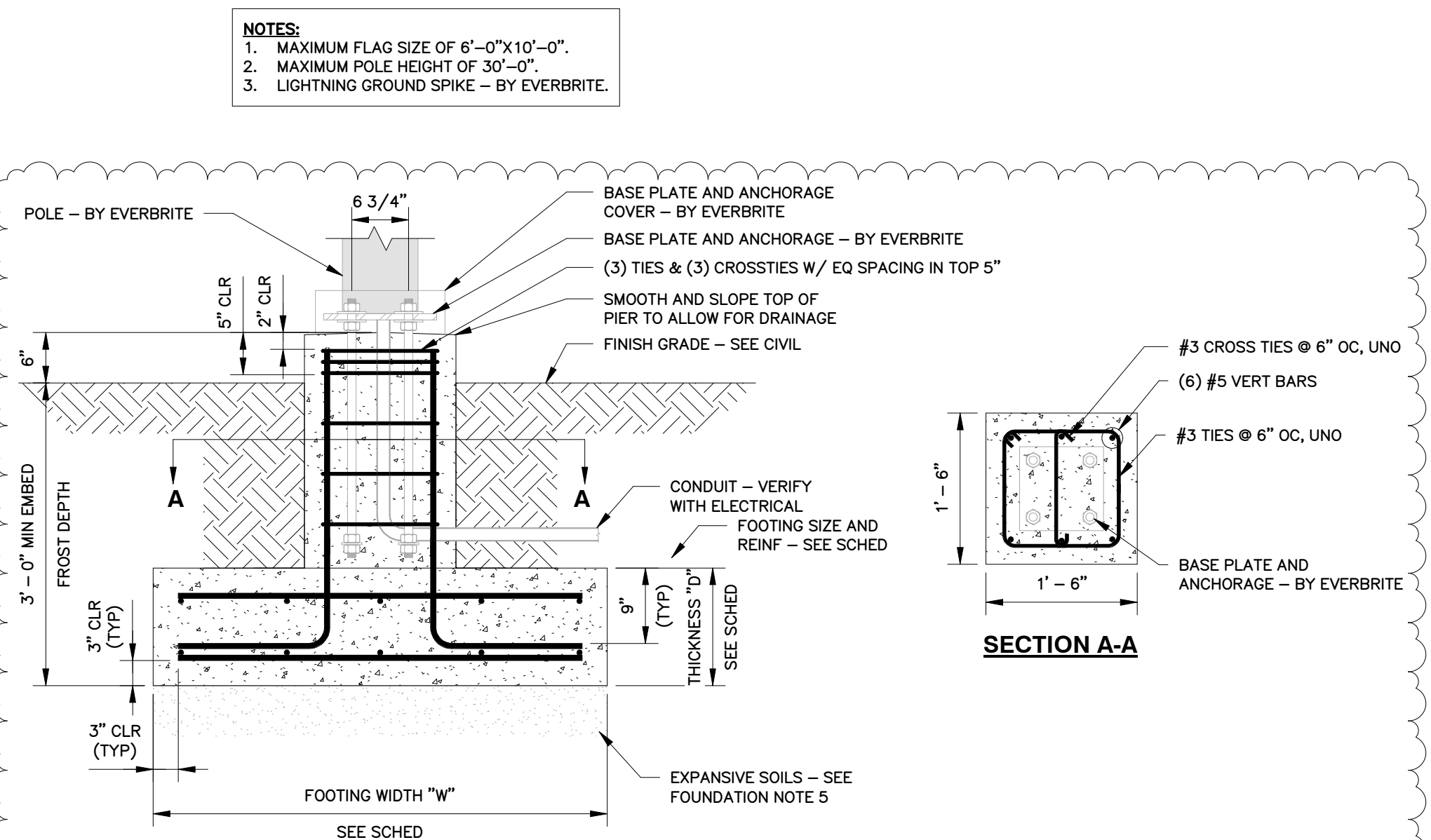
1 DIGITAL PRE-BROWSE BOARD FOUNDATION DETAIL
S201 3/4" = 1'-0"



3 LIGHT POLE FOUNDATION DETAIL
S201 3/4" = 1'-0"



2 DIGITAL MENU BOARD FOUNDATION DETAIL
S201 3/4" = 1'-0"



4 BOLTED FLAG POLE FOUNDATION DETAIL
S201 3/4" = 1'-0"

FOOTING SCHEDULE		
SIGN / STRUCTURE	DIMENSIONS (L x W x D)	REINFORCEMENT
MENU BOARD	4' - 0" x 4' - 0" x 1' - 2"	#5 @ 10" OC EW T&B
BROWSE BOARD	3' - 6" x 3' - 6" x 1' - 2"	#5 @ 10" OC EW T&B
LIGHT POLE	4' - 6" x 4' - 6" x 1' - 2"	#5 @ 10" OC EW T&B
FLAG POLE	4' - 6" x 4' - 6" x 1' - 2"	#5 @ 10" OC EW T&B

FOUNDATION NOTES

- SEE CIVIL FOR FOUNDATION LOCATIONS.
- CONTRACTOR SHALL COORDINATE ALL ELEVATIONS AND GRADING WITH CIVIL DRAWINGS AND NOTIFY THE EOR OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE ALL ANCHORAGE WITH EVERBRITE AND NOTIFY THE EOR OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- CONTRACTOR TO ENSURE THAT FOUNDATIONS MEET MINIMUM FROST DEPTH REQUIREMENTS AND ARE BEARING ON COMPETENT SUBGRADE SPECIFIED BY THE GEOTECHNICAL ENGINEER.
- PER GEOTECHNICAL REPORT, POTENTIAL EXPANSIVE SOIL WAS ENCOUNTERED ON SITE. TO REDUCE HEAVE OR SETTLEMENT RELATED ISSUES ASSOCIATED WITH EXPANSIVE SOILS, MEDIUM AND HIGH PLASTIC CLAY TO BE REMOVED AND REPLACED. THE OVEREXCAVATION SHOULD BE BACKFILLED WITH PROPERLY COMPACTED AND NON-EXPANSIVE FILL MATERIALS. FOR ADDITIONAL INFORMATION, SEE GENERAL NOTES.



STRUCTURAL FOUNDATION DETAILS		
DRAWING NO.:	S201	
DATE:	AUGUST 2024	DATE:
DWG SCALE:	As Indicated	SCALE:
PROJECT NO.:	343-737	PROJECT NO.:
APPROVED BY:		APPROVED BY:
RL		RL
BCK		BCK
ESG		ESG

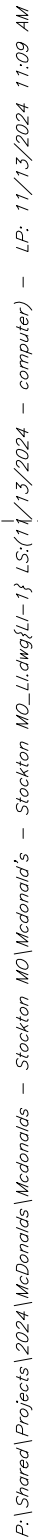
MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785

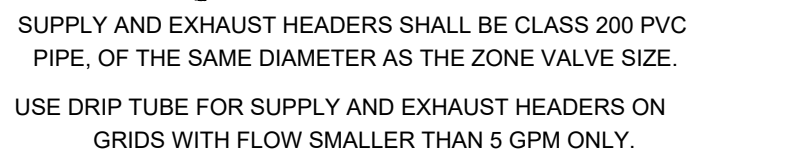


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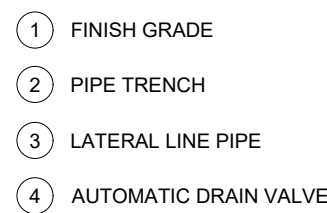
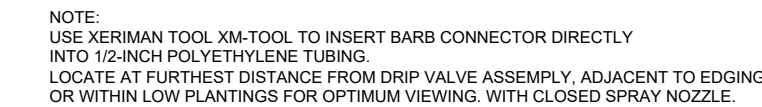
REVISION RECORD

NO	DATE	DESCRIPTION
1	02/14/2025	REVISION 1
2	06/07/2025	REVISION 2
3	07/29/2026	REVISION 3
4	04/02/2026	REVISION 4 - ISSUE FOR CONSTRUCTION
5	04/02/2026	REVISION 5 - ROOF DRAIN REVISION
6	04/21/2026	REVISION 6 - PARKING LOT REVISION





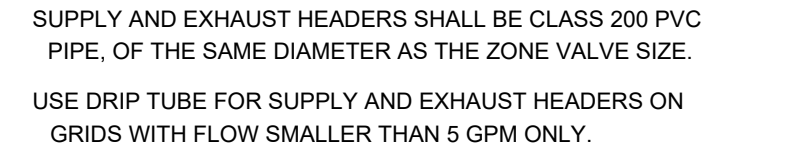
- 1 PAVEMENT SURFACE
- 2 FINISH GRADE
- 3 TRENCH BACKFILL
- 4 LOCATOR WIRE W/BURIED CAUTION TAPE
- 5 PVC IRRIGATION LATERAL
- 6 SAND BACKFILL
- 7 SCH. 40 PVC LATERAL SLEEVE - SEE PLANS FOR SIZE
- 8 SCH. 40 PVC WIRE SLEEVE FOR CONTROL WIRES, MIN. 2" DIA
- 9 SCH. 40 PVC MAINLINE SLEEVE - SEE PLANS FOR SIZE
- 10 PVC IRRIGATION MAINLINE
- 11 CONTROL WIRES - TAPE TO MAINLINE AT 10' INTERVALS
- 12 PVC CAP, SOLVENT WELDED



NOTE:
AUTOMATIC VALVES ARE TO BE LOCATED AT LOW POINTS OF LATERAL LINES. LOCATE END DRAIN VALVE 12" UPSTREAM FROM LAST HEAD.



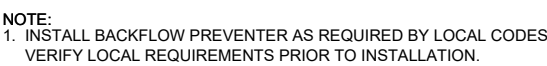
NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.



- | | | |
|---|-----------------------------------|---|
| 1 | CITY MAINLINE | WINTERIZATION PROCEDURE: |
| 2 | TAP | 1. TURN OFF EITHER THE WATER AND ISOLATION VALVE (DEDICATED REIGATION METER) OR ISOLATION VALVE (DOMESTIC TAP). |
| 3 | SERVICE LINE | 2. OPEN ONE CONTROL VALVE TO RELIEVE PRESSURE |
| 4 | WATER METER | 3. SLOWLY OPEN MANUAL DRAIN VALVE. |
| 5 | ISOLATION VALVE (PER PLAN) | 4. REPEAT PROCEDURE FOR ALL MANUAL DRAIN VALVES ALONG REIGATION MAINLINE. |
| 6 | MANUAL DRAIN VALVE (BALL VALVE) | 5. CLOSE MANUAL DRAIN VALVE. ALLOW ONLY REMAINING WATER FROM THE BLOWOUT VALV. |
| 7 | BLOW OFF VALVE (BOV) | 6. SLOWLY INCREASE AIR PRESSURE, NOT TO EXCEED 90 PSI. DO NOT BLOWOUT SYSTEM FROM BACKFLOW. BLOWOUT SYSTEM TIME MUST NOT TO EXCEED AT MORE THAN 2 MIN. INTERVALS. |
| 8 | BACKFLOW PROTECTION (WHERE SHOWN) | |

WINTERIZATION PROCEDURE:

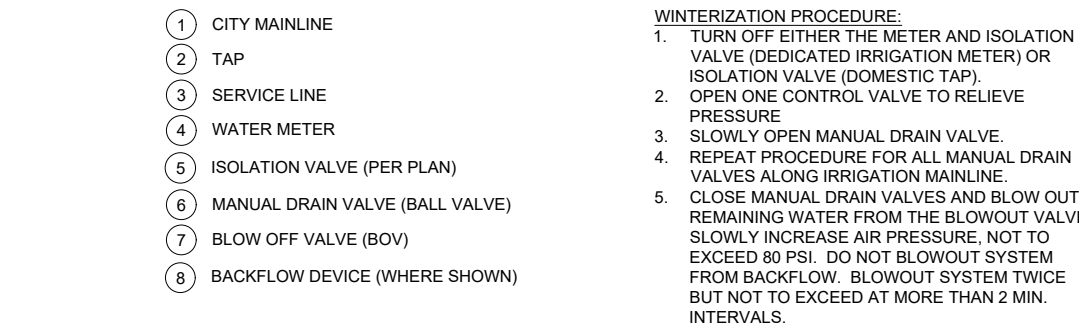
1. TURN OFF EITHER THE METER AND ISOLATION VALVE (DEDICATED IRRIGATION METER) OR ISOLATION VALVE (DOMESTIC TAP).
2. OPEN ONE CONTROL VALVE TO RELIEVE PRESSURE
3. SLOWLY OPEN MANUAL DRAIN VALVE.
4. REPEAT PROCEDURE FOR ALL MANUAL DRAIN VALVES ALONG IRRIGATION MAINLINE.
5. CLOSE MANUAL DRAIN VALVES AND BLOW OUT REMAINING WATER FROM THE BLOWOUT VALVE. SLOWLY INCREASE AIR PRESSURE, NOT TO EXCEED 80 PSI. DO NOT BLOWOUT SYSTEM FROM BACKFLOW. BLOWOUT SYSTEM TWICE BUT NOT TO EXCEED AT MORE THAN 2 MIN. INTERVALS.



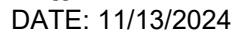
NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES.
VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.



N.T.S.



N.T.S.



REVISION RECORD		
NO	DATE	DESCRIPTION

CEE
Civil & Environmental
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**MCDONALD'S RESTAURANT
NSN43706 (024-1307)
1101 SOUTH STREET
STOCKTON, MISSOURI 65785**

IRRIGATION DETAILS

DATE: 11/13/2024	DRAWN BY: TD
DWG SCALE: 1" = 20'	CHECKED BY: AM
PROJECT NO:	

DRAWING NC

LI-2

SHEET 2 OF 3

