



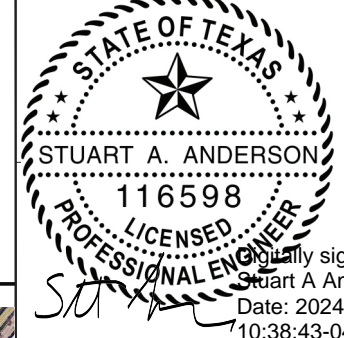
Chick-fil-A
Chick-fil-A
5200 Buffington Road
Atlanta, Georgia
30349-2998

INTERPLAN
INTERPLAN LLC
F-3219

ARCHITECTURE
ENGINEERING
PERMITTING

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SEAL:



Digitally signed by
Stuart A. Anderson
Date: 2024.10.28
10:38:43-04'00'

CHICK-FIL-A
SOUTH BURLESON
111 NW. JOHN JONES DRIVE
BURLESON, TX. 76028

FSR#02786

BUILDING TYPE / SIZE: SBOC - R
RELEASE: v03.20.08
PRINTED FOR: CONCEPT

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 2024.0827
DATE 10/20/24
DRAWN BY MJ
CHECKED BY FAR

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COVER SHEET

SHEET NUMBER

C-1.0
MCLJAR - 10/28/2024 10:25:28 AM

SITE CONSTRUCTION PLANS



**111 NW. JOHN JONES DRIVE
BURLESON, TEXAS 76028**

STORE # 02786

GENERAL NOTES

- A. GENERAL**
- ALL INFRASTRUCTURE AND IMPROVEMENTS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE LOCAL JURISDICTION AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE.
 - SITE LOCATION: 111 NW. JOHN JONES DR., BURLESON, TX. 76028
 - THIS SITE LIES IN FLOOD ZONE XXX, F.I.R.M. PANEL XXXXX XXXXX, DATED XXXXX.
 - BOUNDARY, TOPOGRAPHIC, AND TREE SURVEY BY SANTEC CONSULTING SERVICES INC., 70 NE LOOP 410, SUITE 1100, SAN ANTONIO, TX. 78216, DATED JUNE 14, 2023.
 - BENCHMARK - REFER TO TOPOGRAPHIC SURVEY BY SANTEC CONSULTING SERVICES INC., DATED JUNE 14, 2023. SEE NOTE 4 ABOVE.
 - LEGAL DESCRIPTION SHOWN HEREIN IS FURNISHED BY SURVEYOR, AND IS INCLUDED FOR PERMITTING AND APPROVAL PURPOSES, AND AS A COURTESY FOR THE CONTRACTOR. INTERPLAN LLC, ASSUMES NO LIABILITY FOR ITS ACCURACY OR COMPLETENESS.
 - SITE GEOTECHNICAL INVESTIGATION PERFORMED BY GILES ENGINEERING ASSOCIATES, INC. INTERPLAN LLC, ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, ACCURACY AND COMPLETENESS OF THEIR WORK. THE CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL ENGINEER'S REPORT FOR THIS SITE AND COMPLY WITH RECOMMENDATIONS CONTAINED THEREIN. IF ADDITIONAL SERVICES ARE REQUIRED, THE CONTRACTOR SHALL MAKE A REQUEST TO THE OWNER.
 - CONTRACTOR SHALL PROVIDE AND INSTALL EROSION CONTROL DEVICES (SILT FENCE OR OTHER METHODS) AT LIMITS OF CONSTRUCTION AND AROUND EACH STORM INLET PRIOR TO CONSTRUCTION, AND SHALL MAINTAIN SAID EROSION CONTROL DEVICES DURING CONSTRUCTION. ALL IN CONFORMANCE WITH CURRENT LOCAL, COUNTY AND STATE CRITERIA.
 - THE SITE SHALL BE CLEARED AS MAY BE NOTED ON THE PLANS, OF ALL OBSTRUCTIONS AND DELETERIOUS MATERIAL SUCH AS FENCES, WALLS, FOUNDATIONS, LOGS, SHRUBS, BRUSH, WEEDS, OTHER VEGETATION, AND ACCUMULATION OF RUBBISH OF WHATEVER NATURE. OFF-SITE DISPOSAL, INCLUDING ANY HAZARDOUS MATERIAL ENCOUNTERED, SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS.
 - THE CONTRACTOR SHALL IMMEDIATELY NOTIFY INTERPLAN LLC, OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS PRIOR TO START OF CONSTRUCTION.
 - THE CONTRACTOR SHALL REMAIN SOLELY RESPONSIBLE FOR ANY DESIGN CHANGES WHICH HE MAY INCORPORATE INTO THE PLANS WITHOUT PRIOR WRITTEN CONSENT AND/OR APPROVAL FROM THE OWNER AND THE ENGINEER.
 - THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN EACH EXISTING RIGHT OF WAY WITH THE CITY OF BURLESON AND THE TEXAS DEPARTMENT OF TRANSPORTATION.
 - SCS SOils: PONDER CLAY LOAM AND WILSON SILTY CLAY LOAM.
 - STORMWATER MANAGEMENT IS PROVIDED BY ON-SITE STORMWATER COLLECTION DISCHARGING TO THE EXISTING CONCRETE FLUME IN THE STATE HIGHWAY 174 RIGHT-OF-WAY.
 - THE CONTRACTOR SHALL RESTORE OFF-SITE AREAS TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION EXISTING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - ALL DISTURBED AREAS SHALL BE SODDED.
 - AT LEAST 30 DAYS PRIOR TO ANTICIPATED COMPLETION OF SITE CONSTRUCTION, THE FINAL CERTIFICATION PROCESS WILL BEGIN. THE CONTRACTOR SHALL PROVIDE DOCUMENTS AND INFORMATION, IN A TIMELY MANNER, TO ENGINEER, INCLUDING, WITHOUT LIMITATION:
 - SURVEYED "AS-BUILTS" PER AS-BUILT SURVEY SCOPE IN SPEC MANUAL.
 - COMPACTION AND DENSITY TEST REPORTS, AND
 - PRESSURE TESTING AND BACTERIOLOGICAL TESTING RESULTS, AS REQUIRED, FOR WATER DISTRIBUTION AND/OR WASTEWATER COLLECTION/TRANSMISSION SYSTEMS.
- THE CONTRACTOR SHALL HAVE TWO (2) SETS OF AS-BUILT PLANS, SIGNED AND SEALED BY SURVEYOR OF RECORD, ON SITE THE DAY OF THE CIVIL ENGINEERING FINAL PUNCH LIST INSPECTION. THE GENERAL CONTRACTOR IS TO GIVE THE TWO AS-BUILT PLANS TO THE REPRESENTATIVE FROM INTERPLAN COMPLETING THE INSPECTION. IF ANY DEFICIENCIES ARE NOTED, ONE SET OF RED-LINED AS-BUILT PLANS WILL BE GIVEN TO THE GC FOR REVISIONS TO BE MADE. REVISED AS-BUILTS WILL NEED TO BE FORWARDED TO INTERPLAN BEFORE ANY CERTIFICATIONS CAN BE INITIATED.
- ALL TRAFFIC CONTROL DEVICES, EQUIPMENT AND INSTALLATION SHALL MEET THE REQUIREMENTS OF THE CITY OF BURLESON AND/OR THE TEXAS DEPARTMENT OF TRANSPORTATION.
 - PARKING STALLS SHALL CONFORM WITH LOCAL CODE. ACCESSIBLE PARKING SPACES AND ACCESS ROUTES SHALL FURTHER CONFORM WITH CURRENT ADA REQUIREMENTS.
 - HANDICAP PAVEMENT MARKINGS AND SIGNAGE SHALL CONFORM WITH CURRENT ADA REQUIREMENTS AND LOCAL ORDINANCE.
 - LANDSCAPE SHALL BE TRIMMED TO ENSURE SIGHT VISIBILITY OF TRAFFIC CONTROL DEVICES.
 - ALL PAVEMENT IS DIMENSIONED TO FACE OF CURB.
 - ALL BUILDING DIMENSIONS AND TIES ARE TO OUTSIDE FACE. SEE ARCHITECTURAL PLANS.
 - ALL CURB RETURN RADI ARE 5' UNLESS NOTED.
 - BUILDING AND SITE IMPROVEMENTS ARE PARALLEL AND PERPENDICULAR TO NORTHEAST PROPERTY LINE.
 - THE CONTRACTOR IS TO BE RESPONSIBLE TO PROTECT AND/OR REPLACE ALL SURVEY MONUMENTATION WITHIN THE PROJECT LIMITS BY A STATE LICENSED SURVEYOR.

REVISION ISSUE LOG

REV #	ISSUE DATE	DESCRIPTION	AFFECTED SHEETS	BY

UTILITY NOTES

- PRIOR TO COMMENCING ANY CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES, INCLUDING WITHOUT LIMITATION POTABLE WATER, RECLAIMED WATER, SANITARY SEWER, AND SERVICE UTILITIES, AT POINTS OF CONNECTION, POINTS OF CROSSING, AND/OR POTENTIAL CONFLICT. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.
- A. GENERAL**
- THE LOCATIONS OF EXISTING UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ETC., SHOWN ON THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER ASSUME NO LIABILITY FOR ACCURACY AND COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND TO HAVE THEIR FACILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK.
 - DUE TO GRAPHIC LIMITATIONS OF THE DRAWING SCALE, ALL STORM SEWER, DRAINAGE, WATER AND SANITARY SEWER MAINS, SERVICES, LATERALS, CONNECTIONS, AND APPURTENANCES DEPICTED HEREIN - UNLESS OTHERWISE LOCATED BY DIMENSIONS - REFLECT SCHEMATIC LOCATIONS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL LOCATIONS IN ACTUAL CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, INCLUDING ANY REQUISITE COORDINATION WITH THE RESPECTIVE GOVERNING AGENCY/UTILITY PROVIDER.
 - ALL WATER AND SEWER CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF BURLESON AND JOHNSON COUNTY, RESPECTIVELY, AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE.
 - CONTRACTOR SHALL INSPECT PIPING AND MATERIALS BEFORE INSTALLATION TO DETECT APPARENT DEFECTS. MARK DEFECTIVE MATERIALS WITH WHITE PAINT AND PROMPTLY REMOVE FROM SITE.
 - LAY SEWER PIPING BEGINNING AT LOW POINT OF SYSTEM (CONNECTION TO OFF SITE SYSTEM OR PUMP STATION), TRUE TO GRADES AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERTS. PLACE BELL ENDS OR GROOVE ENDS OF PIPING FACING UPSTREAM.
 - CLEAR INTERIOR OF PIPE OF DIRT AND OTHER SUPERFLUOUS MATERIAL AS WORK PROGRESSES. MAINTAIN SWAB OR DRAG IN LINE AND PULL PAST EACH JOINT AS IT IS COMPLETED. PLACE PLUGS IN ENDS OF UNCOMPLETED CONDUIT WHENEVER WORK STOPS.
 - MAINTAIN 36" COVER OVER MAINS, AND 36" OVER SERVICES/LATERALS.
 - WHEN PROPOSED CONSTRUCTION OCCURS AT EXISTING MANHOLES, INLETS, VAULTS, AND OTHER STRUCTURES, THE CONTRACTOR SHALL MODIFY THE STRUCTURES, FRAMES, AND GRATES TO MEET THE PROPOSED GRADES UNLESS OTHERWISE DIRECTED.
 - INSTALL CONTINUOUS LOCATOR TAPE/WIRE, LOCATED DIRECTLY OVER POTABLE WATER MAINS AND SANITARY SEWER MAINS AT 6" TO 8" ABOVE PIPE.
 - WHERE APPLICABLE, UTILITY TRENCHES CROSSING PAVEMENT AREAS SHALL BE BACK FILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH A.A.S.H.T.O.-T-99.
 - CONTRACTOR SHALL PROVIDE SLEEVES FOR IRRIGATION LINES UNDER PAVEMENT. COORDINATE WITH GENERAL CONTRACTOR.
 - ALL TRENCHES EXCAVATED FOR THE PURPOSES OF UTILITY/STORM INSTALLATION SHALL BE KEPT DRY FOR THE DURATION OF UTILITY/STORM CONSTRUCTION. DEWATERING OF UTILITY/STORM TRENCHES MAY BE REQUIRED TO PREVENT FLOATATION OF UTILITY/STORM PIPES DURING INSTALLATION.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN CONSTRUCTION IS COMPLETE FOR WATER, WASTEWATER AND STORMWATER SYSTEMS SO TIMELY CERTIFICATIONS MAY BE INITIATED. SATISFACTORY BACTERIOLOGICAL TEST RESULTS, PRESSURE TEST RESULTS, AND AN AS BUILT SURVEY SHALL BE SUBMITTED TO ENGINEER PRIOR TO FINAL CERTIFICATION.
 - SUITABLE COUPLINGS COMPLYING WITH ASTM SPECIFICATIONS ARE REQUIRED FOR JOINING DISSIMILAR MATERIALS.
 - DEFLECTION TESTS ARE REQUIRED FOR ALL FLEXIBLE PIPE. TESTING REQUIREMENTS: 1) NO PIPE SHALL EXCEED A DEFLECTION OF 5%; 2) USING A RIGID BALL OR MANDREL FOR THE DEFLECTION TEST WITH A DIAMETER NOT LESS THAN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE; 3) PERFORMING THE TEST WITHOUT MECHANICAL PULLING DEVICES.
- B. MATERIALS (WATER)**
- SERVICE PIPE SHALL BE 2" POLYETHYLENE (PE).
 - WATER MAINS SHALL BE PVC ASTM C900, DR 18 WITH INTEGRAL BELLS AND ELASTOMERIC JOINTS PER ASTM C3139 AND GASKETS PER ASTM F477.
 - DUCTILE IRON PIPE (D.I.P.), IF REQUIRED, SHALL CONFORM TO ANSI/AWWA A21.51/CI.51, CLASS 50 (MIN.) PIPE FOR ALL SIZES.
 - CORPORATION STOPS SHALL BE 1 1/2" BRASS, EQUIPPED WITH CONNECTIONS COMPATIBLE WITH SERVICE PIPE AND THREADED IN ACCORDANCE WITH SPECIFICATIONS IN AWWA C800. CURB STOPS SHALL BE SIZED TO MATCH THE METER SIZE AND CONFORM WITH AWWA C800 AND AWWA C901.
 - FITTINGS SHALL BE BRASS, CAST AND MACHINED IN ACCORDANCE WITH AWWA C800 AND AWWA C901, WITH COMPATIBLE PIPE CONNECTIONS.
 - SERVICE SADDLES SHALL BE USED FOR ALL SERVICE LINE TAPS. SERVICE SADDLES SHALL BE DOUBLE STRAP, ANCHORED BY A MINIMUM FOUR (4) BOLT PATTERN ON A DUCTILE IRON SADDLE BODY. FOR PVC PIPE, DOUBLE STRAPS SHALL BE CORROSION RESISTANT ALLOY STEEL, SIZED EXACTLY TO THE PIPE OUTSIDE DIAMETER. SEALING GASKETS SHALL BE BUNA-N RUBBER.
 - ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED USING BLUE AS A PREDOMINANT COLOR.
- C. MATERIALS (SEWER)**
- ALL GRAVITY SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE PIPE (PVC) CONFORMING TO ASTM D 3034, SDR 26, WITH PUSH-ON RUBBER GASKET JOINTS.
 - ALL FITTINGS AND ACCESSORIES SHALL BE MANUFACTURED OR SUPPLIED BY THE PIPE MANUFACTURER OR PRIOR-APPROVED EQUAL.
 - BEDDING AND INITIAL BACK FILL OVER SEWER MAINS AND SERVICES SHALL BE SAND WITH NO ROCK LARGER THAN 1" IN DIAMETER.
- D. MATERIALS (STORM)**
- REINFORCED CONCRETE PIPE (RCP); O-RING PIPE SHALL CONFORM TO ASTM C 76 (CLASS B UNLESS OTHERWISE SPECIFIED) AND AASHTO M 170 STANDARD SPECIFICATIONS, AND ASTM C 443 STANDARD SPECIFICATION FOR JOINTS FOR RCP USING RUBBER GASKETS.
 - ELLIPTICAL RCP SHALL CONFORM TO ASTM C 507 (CLASS III) AND AASHTO M 207 STANDARD SPECIFICATIONS.
 - HDPE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M-252 (3'-10"), M-294 (12" AND LARGER), TYPE S (CORRUGATED OUTSIDE - SMOOTH INSIDE, 4'-60"), AND M97 (60" TYPE S).
 - BELL/SPIGOT GASKET FOR HDPE PIPE SHALL BE SOIL/SILT TIGHT PER AASHTO SECTION 26 WITH RUBBER GASKET MEETING ASTM F-477.
 - PVC STORM SEWER PIPE (12" OR LESS) AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE PIPE (PVC) CONFORMING TO ASTM D 3034, SDR 26, WITH PUSH-ON RUBBER GASKET JOINTS.

CONTACTS

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SITE DATA

LEASE AREA	55,644 SF	1.280 ACRES
PROPOSED PAVEMENT AREA	39,434 SF	70.9%
PROPOSED GREEN AREA	11,441 SF	20.6%
EXISTING BUILDING AREA	4,769 SF	8.5%
100 %		
PROPOSED IMPERVIOUS AREA	44,203 SF	79.4%
PROPOSED PERVIOUS (OPEN SPACE) AREA	11,441 SF	20.6%
100 %		
EXISTING IMPERVIOUS AREA	39,721 SF	71.4%
EXISTING PERVIOUS (OPEN SPACE) AREA	15,923 SF	28.6%
100 %		

MAXIMUM BUILDING HEIGHT	ALLOWED	PROVIDED
BUILDING HEIGHT	35 FT.	25.4 FT.

ZONING COMMERCIAL (C)

NUMBER OF SEATS	INDOOR	100 SEATS	OUTDOOR	20 SEATS
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BUILDING SETBACKS	REQUIRED	PROVIDED
NORTH (Side, NW, John Jones Dr.)	20 FT.	31 FT.
SOUTH (Side)	20 FT.	151 FT.
EAST (Front, SW, Wilshire Blvd.)	20 FT.	48 FT.
WEST (Rear)	20 FT.	87 FT.

LANDSCAPE BUFFER	REQUIRED	PROVIDED
NORTH (Side, NW, John Jones Dr.)	5 FT.	5 FT.
SOUTH (Side)	5 FT.	5 FT.
EAST (Front, SW, Wilshire Blvd.)	5 FT.	10 FT.
WEST (Rear)	5 FT.	5 FT.

PARKING REQUIRED
ONE (1) SPACE FOR EVERY THREE (3) SEATS UNDER THE MAXIMUM SEATING ARRANGEMENT.
100 / 3 = 34 SEATS

PARKING PROVIDED	REGULAR	60 SPACES	HANDICAP	3 SPACES
TOTAL	63 SPACES			

VICINITY MAP



INDEX TO DRAWINGS

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C-1.2	DEMOLITION PLAN
C-2.0	SITE PLAN
C-3.0	GRADING PLAN
C-3.1	DRAINAGE PLAN
C-3.2	EROSION CONTROL PLAN
C-3.3	EROSION CONTROL PLAN DETAILS
C-4.0	CHICK-FIL-A STANDARD DETAILS
C-4.1	CHICK-FIL-A STANDARD DETAILS
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C-4.3	CHICK-FIL-A STANDARD DETAILS
C-5.0	CONSTRUCTION DETAILS
C-5.1	TXDOT STANDARD DETAILS
PS-1.0	PLUMBING SITE PLAN
ES-1.0	ELECTRICAL SITE LIGHTING PLAN/PHOTOMETRICS
ES-2.0	ELECTRICAL SITE LIGHTING PLAN/CUT-SHEETS
L-100	LANDSCAPE PLAN
L-101	LANDSCAPE DETAILS
L-102	LANDSCAPE & MAINTENANCE SPECIFICATIONS

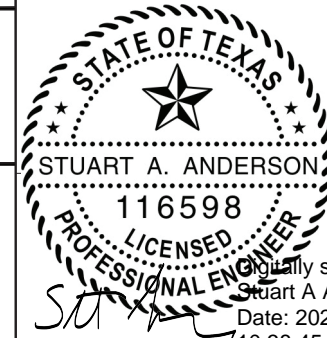


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CONSULTANT PROJECT # 2024.0627

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DRAWN BY MJ

CHECKED BY FAR

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DEMOLITION PLAN

SHEET NUMBER

C-1.2

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DEMOLITION NOTES

- PRIOR TO COMMENCEMENT OF DEMOLITION THE CONTRACTOR WILL COORDINATE HIS ACTIVITIES WITH ALL THE UTILITY COMPANIES SERVING THIS AREA. CONTRACTOR IS TO COORDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- THE CONTRACTOR IS TO COMPLETELY REMOVE AND DISPOSE OF ALL STRUCTURES AND BUILDINGS THAT ARE SO INDICATED INCLUDING FOUNDATIONS, TIMBER AND BRUSH, EXCEPT AS OTHERWISE INDICATED. STUMPS AND ROOTS, EXISTING PAVEMENT, OTHER STRUCTURES AS SHOWN OR REASONABLY IMPLIED IN THE DRAWINGS.
- EXCEPT IN AREAS WHERE EXISTING TREES SHALL BE PRESERVED, A MINIMUM DEPTH OF REMOVAL SHALL BE (2) FOOT BELOW SUBGRADE IN ROADWAY AREAS AND TO ORIGINAL SOILS ELSEWHERE. WHERE EXISTING BUILDINGS ARE TO BE DEMOLISHED, ALL TRACES OF FOUNDATIONS AND UNDERGROUND UTILITIES ARE TO BE REMOVED (UNLESS OTHERWISE NOTED ON PLANS). THE CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF ALL WASTE MATERIAL.
- WHERE PAVING OR STRUCTURES ARE TO BE REMOVED WHICH ABUT OR ARE A PART OF CONNECTED FACILITIES (THAT ARE OFF-SITE), RESTORATION OF ANY DAMAGE THAT MIGHT RESULT FROM DEMOLITION IS TO BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
- THE LOCATION OF ALL EXISTING UTILITIES, STORM DRAINAGE AND TREES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE OWNER OR ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. PRIOR TO THE START OF DEMOLITION THE CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXISTENCE & LOCATION OF ALL STRUCTURES, UTILITIES & TREES SHOWN OR NOT ON THE PLANS, WHICH WOULD NEED TO BE REMOVED OR PRESERVED.
- THE CONTRACTOR IS TO COORDINATE THE RELOCATION OR REMOVAL OF ALL OVERHEAD/UNDERGROUND UTILITIES, UTILITY POLES, LIGHTS AND LINES IN THE RIGHT-OF-WAY AND ON THE PROPERTY WITH THE APPROPRIATE SERVICE PROVIDER.
- THE CONTRACTOR SHALL REFERENCE AND RESTORE PROPERTY CORNERS AND LAND MARKERS DISTURBED DURING CONSTRUCTION. (UNDER THE DIRECTION OF A STATE REGISTERED LAND SURVEYOR).

DEMOLITION KEY NOTES

① EXISTING TRAFFIC SIGN AND FOOTING TO BE REMOVED

NOTICE - PEDESTRIAN SAFETY

THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO SEPARATE EACH WORK AREA FROM PEDESTRIAN TRAFFIC AND TO INSURE SAFE PEDESTRIAN PASSAGE AT ALL TIMES. THE CONTRACTOR SHALL ALSO UTILIZE SAFE WARNING SIGNS, BARRICADES AND OTHER RELATED MEASURES, AS NECESSARY. THE CONTRACTOR SHALL COORDINATE PERIODICALLY WITH THE PROJECT MANAGER TO REVIEW SAFETY CONCERNS AND ADVISE OF ACTIVE WORK AREAS.

EROSION CONTROL NOTE

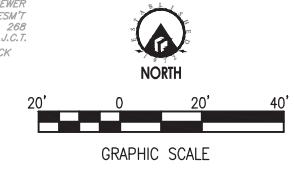
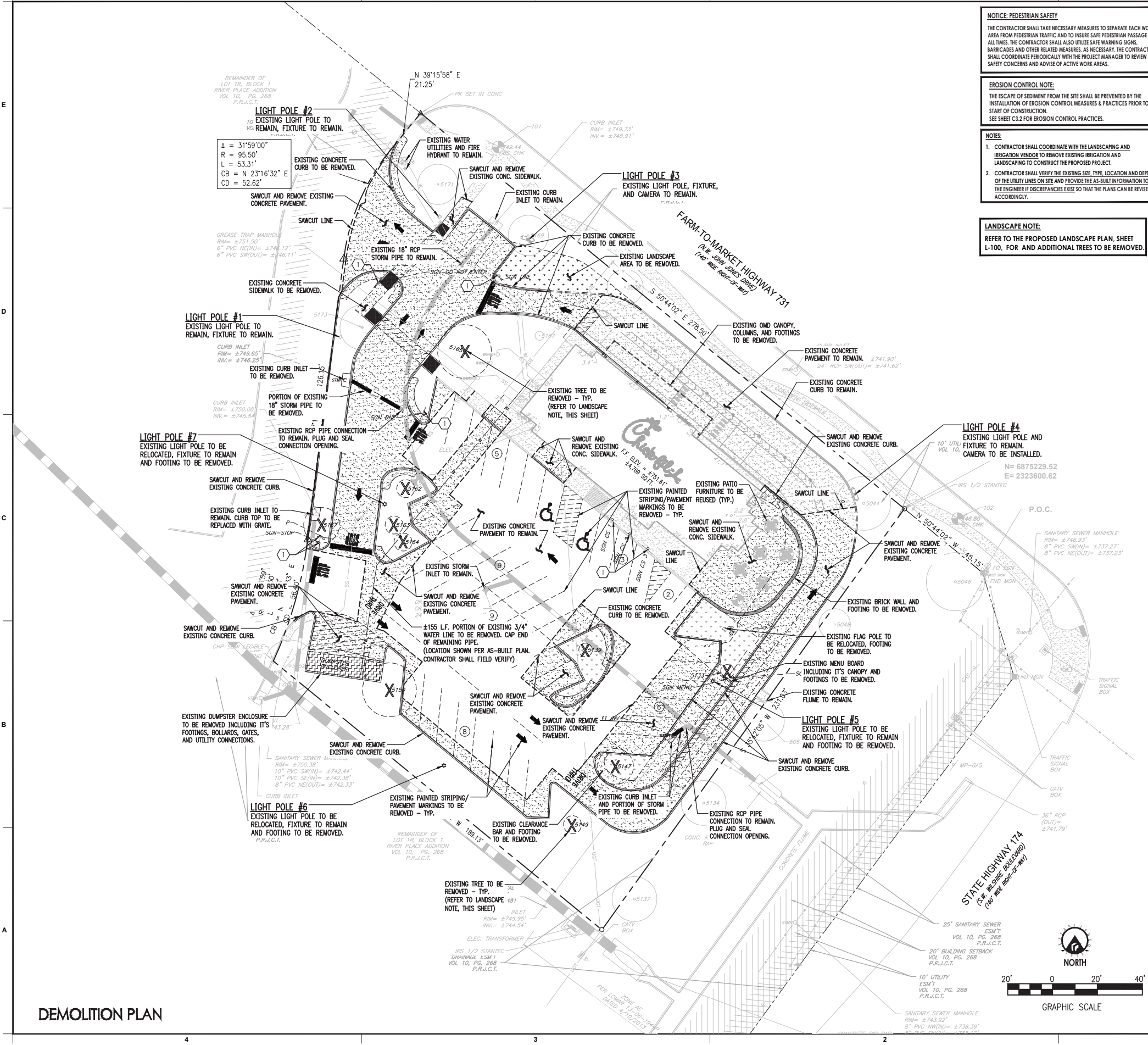
THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES & PRACTICES PRIOR TO START OF CONSTRUCTION. SEE SHEET C3.2 FOR EROSION CONTROL PRACTICES.

NOTES

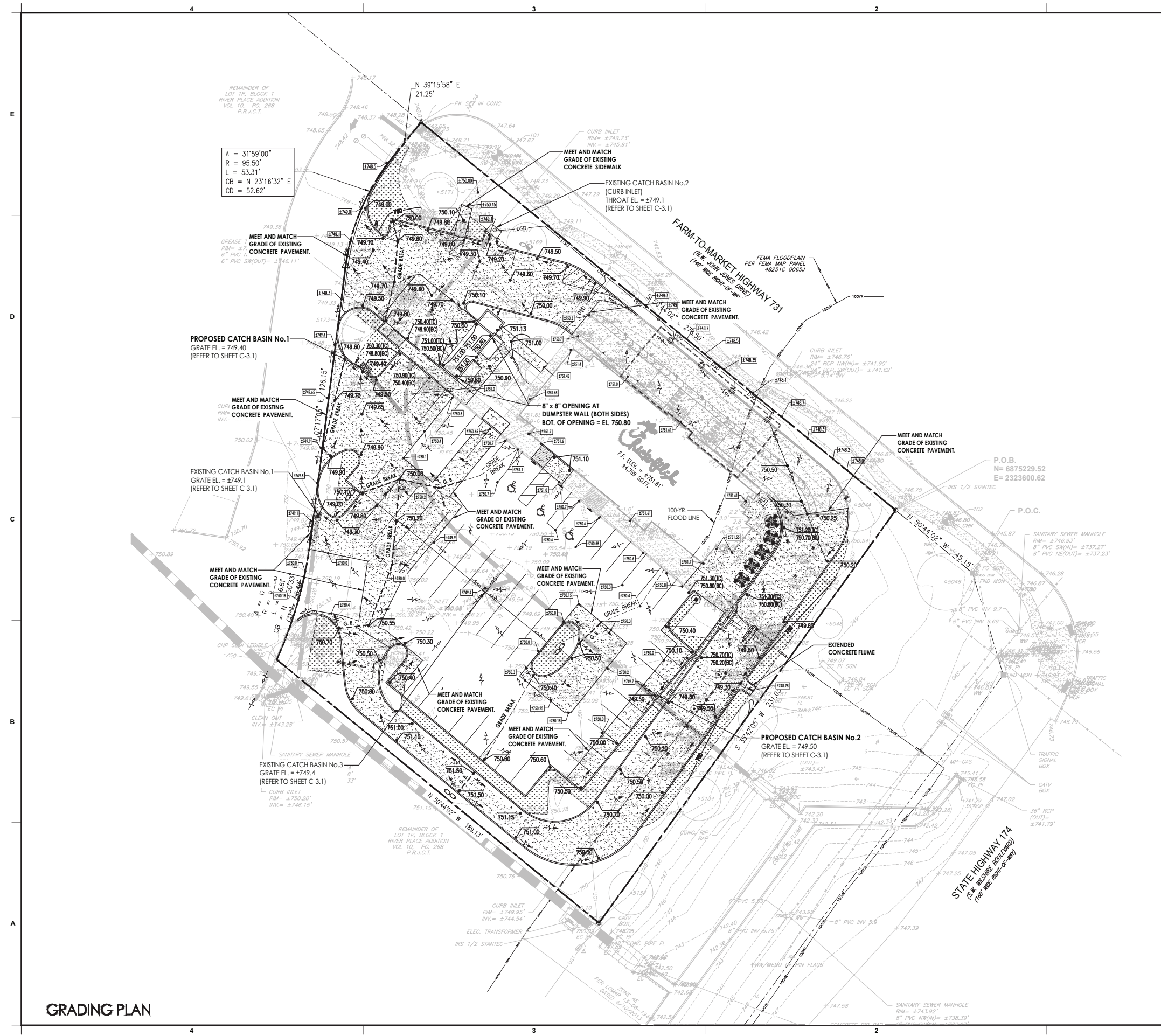
- CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPING AND IRRIGATION VENDOR TO REMOVE EXISTING IRRIGATION AND LANDSCAPING TO CONSTRUCT THE PROPOSED PROJECT.
- CONTRACTOR SHALL VERIFY THE EXISTING SIZE, TYPE, LOCATION AND DEPTH OF THE UTILITY LINES ON SITE AND PROVIDE THE AS-BUILT INFORMATION TO THE ENGINEER IF DISCREPANCIES EXIST SO THAT THE PLANS CAN BE REVISED ACCORDINGLY.

LANDSCAPE NOTE

REFER TO THE PROPOSED LANDSCAPE PLAN, SHEET L-100, FOR AND ADDITIONAL TREES TO BE REMOVED.



DEMOLITION PLAN



LEGEND

- PROPOSED SPOT ELEVATION (SEE NOTE BELOW)
- PROPOSED CONTOUR ELEVATION
- EXISTING CONTOUR (BY SURVEY)
- EXISTING SPOT-ELEVATION (APPROX.)
- DIRECTION OF FLOW AND PERCENT SLOPE
- DSD DOWN SPOUT DRAINS
- STORM SEWER
- GB GRADE BREAK
- B1 BORING LOCATION (SEE GEOTECH SOILS REPORT)
- CO CLEANOUT (CO)
- TC TOP OF CURB
- BC BOTTOM OF CURB
- TW TOP OF WALL
- BW BOTTOM OF WALL (AT GRADE)
- MEG MATCH EXISTING GRADING (EDGE OF PAVEMENT)
- PROPOSED INLET

NOTE: PROPOSED SPOT ELEVATIONS ARE DESIGNED TO BE AT BOTTOM OF CURB (AKA GUTTER LINE).

ADA GRADING NOTES:

GENERAL DESIGN PARAMETERS OF THE ENTIRE ACCESSIBLE PATH ARE AS FOLLOWS (SEE STANDARD CIVIL DETAILS FOR ADDITIONAL INFORMATION):

- RUNNING SLOPE OF PATH = 5.0% (1:20) OR LESS
- CROSS-SLOPE OF PATH = 1.5% (1:67) OR LESS
- RUNNING SLOPE OF RAMPS = 7.1% (1:14) OR LESS
- CROSS-SLOPE OF RAMPS = 1.5% (1:67) OR LESS
- SLOPE IN ALL DIRECTIONS OF ACCESSIBLE PARKING STALLS & LOADING AREAS = 1.5% (1:67) OR LESS

CONTRACTOR RESPONSIBLE FOR GRADING THE ADA PARKING SPACES, ACCESSIBLE PATH WITHIN THE CROSSWALK, AND ADA PATHS TO OUTDOOR PATIO AREAS TO ADA STANDARDS. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER IMMEDIATELY.



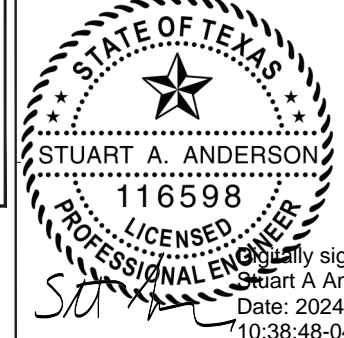
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INTERPLAN
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 F-3219

ARCHITECTURE
 ENGINEERING
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220 E. CENTRAL PKWY., STE. 4000
 ATLANTA, GEORGIA 30303
 404.445.5008

SEAL:



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 Stuart A. Anderson
 Date: 2024.10.28
 10:38:48-04'00"

CHICK-FIL-A
 SOUTH BURLESON
 111 NW, JOHN JONES DRIVE
 BURLESON, TX. 76028

FSR#02786

BUILDING TYPE / SIZE: SBMC - R

RELEASE: v0.23.08

PRINTED FOR: CONCEPT

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 2024.0627

DATE 10/20/24

DRAWN BY MJ

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GRADING PLAN

SHEET NUMBER

C-3.0
 MIC-JAR - 10/28/2024 10:25:46 AM

GRADING PLAN

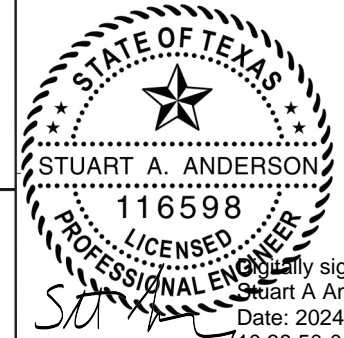


Chick-fil-A
 Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia
 30349-2998

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 ARCHITECTURE
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220 E. CENTRAL PKWY., STE. 4000
 ALTAMONTE SPRINGS, FL 32701
 407.645.5008

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CHICK-FIL-A
 SOUTH BURLESON
 111 NW. JOHN JONES DRIVE
 BURLESON, TX. 76028

FSR#02786

BUILDING TYPE / SIZE: SBOC - R
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CONSULTANT PROJECT # 2024.0627
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EROSION CONTROL PLAN

SHEET NUMBER
C-3.2
 MICJAR - 10/28/2024 10:25:55 AM

KEY NOTES:

- FODS TRACKOUT CONTROL SYSTEM MAT.
- FODS SAFETY SIGN.
- ANCHOR POINT.
- SILT OR ORANGE CONSTRUCTION FENCE.

REMOVAL:

- REMOVAL OF FODS TRACKOUT CONTROL SYSTEM IS REVERSE ORDER OF INSTALLATION.
- STARTING WITH THE LAST MAT, THE MAT THAT IS PLACED AT THE INNERMOST POINT OF THE SITE OR THE MAT FURTHEST FROM THE EXIT OR PAVED SURFACE SHOULD BE REMOVED FIRST.
- THE ANCHORS SHOULD BE REMOVED.
- THE CONNECTOR STRAPS SHOULD BE UNBOLTED AT ALL LOCATIONS IN THE FODS TRACKOUT CONTROL SYSTEM.
- STARTING WITH THE LAST MAT IN THE SYSTEM, EACH SUCCESSIVE MAT SHOULD THEN BE MOVED AND STACKED FOR LOADING BY FORKLIFT OR EXCAVATOR ONTO A TRUCK FOR REMOVAL FROM THE SITE.

INSTALLATION:

- THE SITE WHERE THE FODS TRACKOUT CONTROL SYSTEM IS TO BE PLACED SHOULD CORRESPOND TO BEST MANAGEMENT PRACTICES AS MUCH AS POSSIBLE. THE SITE WHERE FODS TRACKOUT CONTROL SYSTEM IS PLACED SHOULD ALSO MEET OR EXCEED THE LOCAL JURISDICTION OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS.
- CALL FOR UTILITY LOCATES 3 BUSINESS DAYS IN ADVANCE OF THE FODS TRACKOUT CONTROL SYSTEM INSTALLATION FOR THE MARKING OF UNDERGROUND UTILITIES. CALL THE UTILITY NOTIFICATION CENTER AT 811.
- ONCE THE SITE IS ESTABLISHED WHERE FODS TRACKOUT CONTROL SYSTEM IS TO BE PLACED, ANY EXCESSIVE UNEVEN TERRAIN SHOULD BE LEVELED OUT OR REMOVED SUCH AS LARGE ROCKS, LANDSCAPING MATERIALS, OR SUDDEN ABRUPT CHANGES IN ELEVATION.
- THE INDIVIDUAL MATS CAN START TO BE PLACED INTO POSITION. THE FIRST MAT SHOULD BE PLACED NEXT TO THE CLOSEST POINT OF EGRESS. THIS WILL ENSURE THAT THE VEHICLE WILL EXIT STRAIGHT FROM THE SITE ONTO THE PAVED SURFACE.
- AFTER THE FIRST MAT IS PLACED DOWN IN THE PROPER LOCATION, MATS SHOULD BE ANCHORED TO PREVENT THE POTENTIAL MOVEMENT WHILE THE ADDITIONAL MATS ARE INSTALLED. ANCHORS SHOULD BE PLACED AT EVERY ANCHOR POINT (IF FEASIBLE) TO HELP MAINTAIN THE MAT IN ITS CURRENT POSITION.
- AFTER THE FIRST MAT IS ANCHORED IN ITS PROPER PLACE, AN H BRACKET SHOULD BE PLACED AT THE END OF THE FIRST MAT BEFORE ANOTHER MAT IS PLACED ADJACENT TO THE FIRST MAT.
- ONCE THE SECOND MAT IS PLACED ADJACENT TO THE FIRST MAT, MAKE SURE THE H BRACKET IS CORRECTLY SITUATED BETWEEN THE TWO MATS, AND SLIDE MATS TOGETHER.
- NEXT THE CONNECTOR STRAPS SHOULD BE INSTALLED TO CONNECT THE TWO MATS TOGETHER.
- UPON PLACEMENT OF EACH NEW MAT IN THE SYSTEM, THAT MAT SHOULD BE ANCHORED AT EVERY ANCHOR POINT TO HELP STABILIZE THE MAT AND ENSURE THE SYSTEM IS CONTINUOUS WITH NO GAPS IN BETWEEN THE MATS.
- SUCCESSIVE MATS CAN THEN BE PLACED TO CREATE THE FODS TRACKOUT CONTROL SYSTEM REPEATING THE ABOVE STEPS.

USE AND MAINTENANCE:

- VEHICLES SHOULD TRAVEL DOWN THE LENGTH OF THE TRACKOUT CONTROL SYSTEM AND NOT CUT ACROSS THE MATS.
- DRIVERS SHOULD TURN THE WHEEL OF THEIR VEHICLES SUCH THAT THE VEHICLE WILL MAKE A SHALLOW S-TURN ROUTE DOWN THE LENGTH OF THE FODS TRACKOUT CONTROL SYSTEM.
- MATS SHOULD BE CLEANED ONCE THE VOIDS BETWEEN THE PYRAMIDS BECOME FULL OF SEDIMENT. TYPICALLY THIS WILL NEED TO BE PERFORMED WITHIN TWO WEEKS AFTER A STORM EVENT. BRUSHING IS THE PREFERRED METHOD OF CLEANING, EITHER MANUALLY OR MECHANICALLY.
- THE USE OF ICE MELT, ROCK SALT, SNOW MELT, DEICER, ETC. SHOULD BE UTILIZED AS NECESSARY DURING THE WINTER MONTHS AND AFTER A SNOW EVENT TO PREVENT ICE BUILDUP.

1 FODS TRACKOUT CONTROL SYSTEM NTS



EROSION CONTROL PLAN



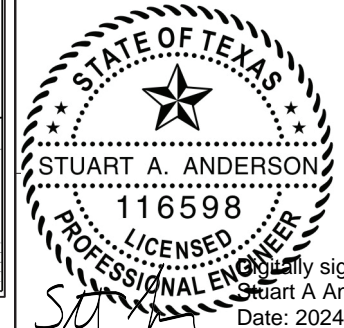
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 Chick-fil-A
 5200 Buffington Road
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 ALTAMONTE SPRINGS, FL 32701
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SEAL:



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 Stuart A. Anderson
 Date: 2024.10.28
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CHICK-FIL-A
 SOUTH BURLESON
 111 NW. JOHN JONES DRIVE
 BURLESON, TX. 76028

FSR#02786

BUILDING TYPE / SIZE: SB0C - R
 RELEASE: v0.23.08
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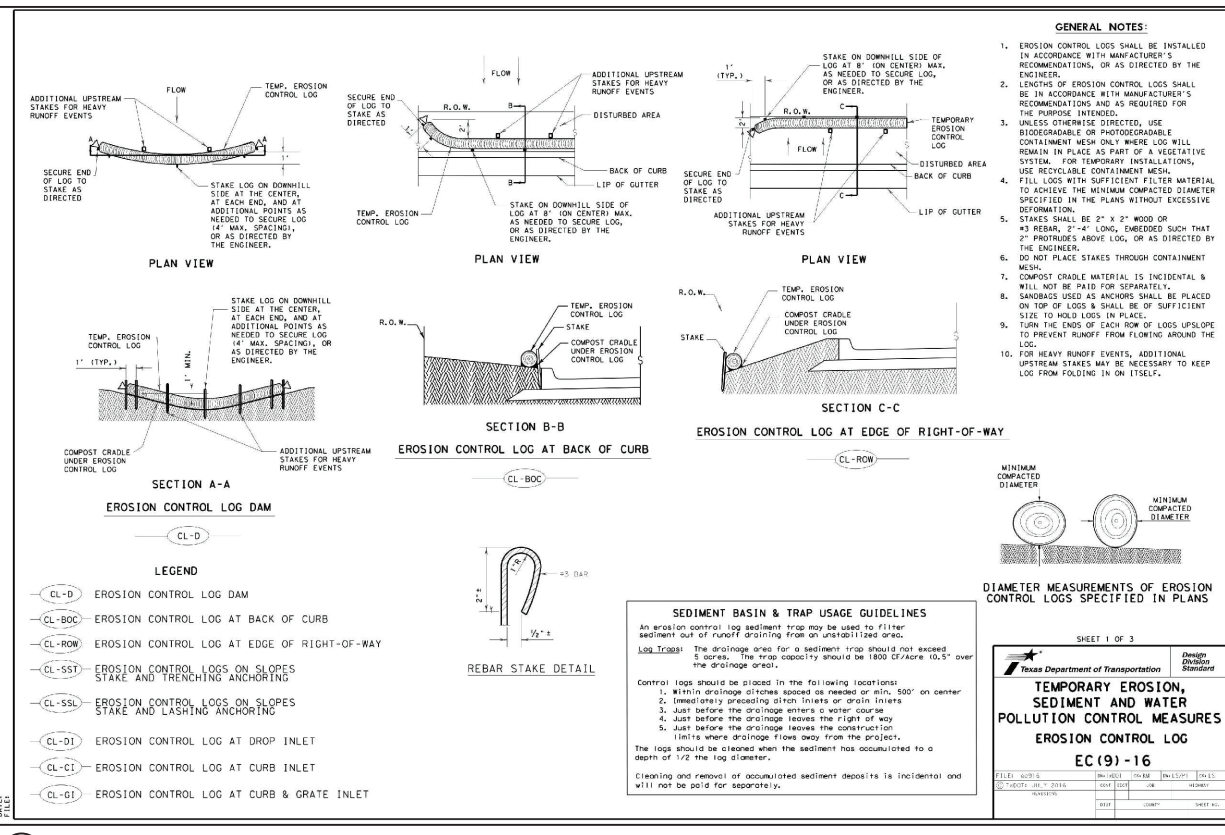
CONSULTANT PROJECT # 2024.0827
 DATE 10/20/24
 DRAWN BY MJ
 CHECKED BY FAR

EROSION CONTROL DETAILS

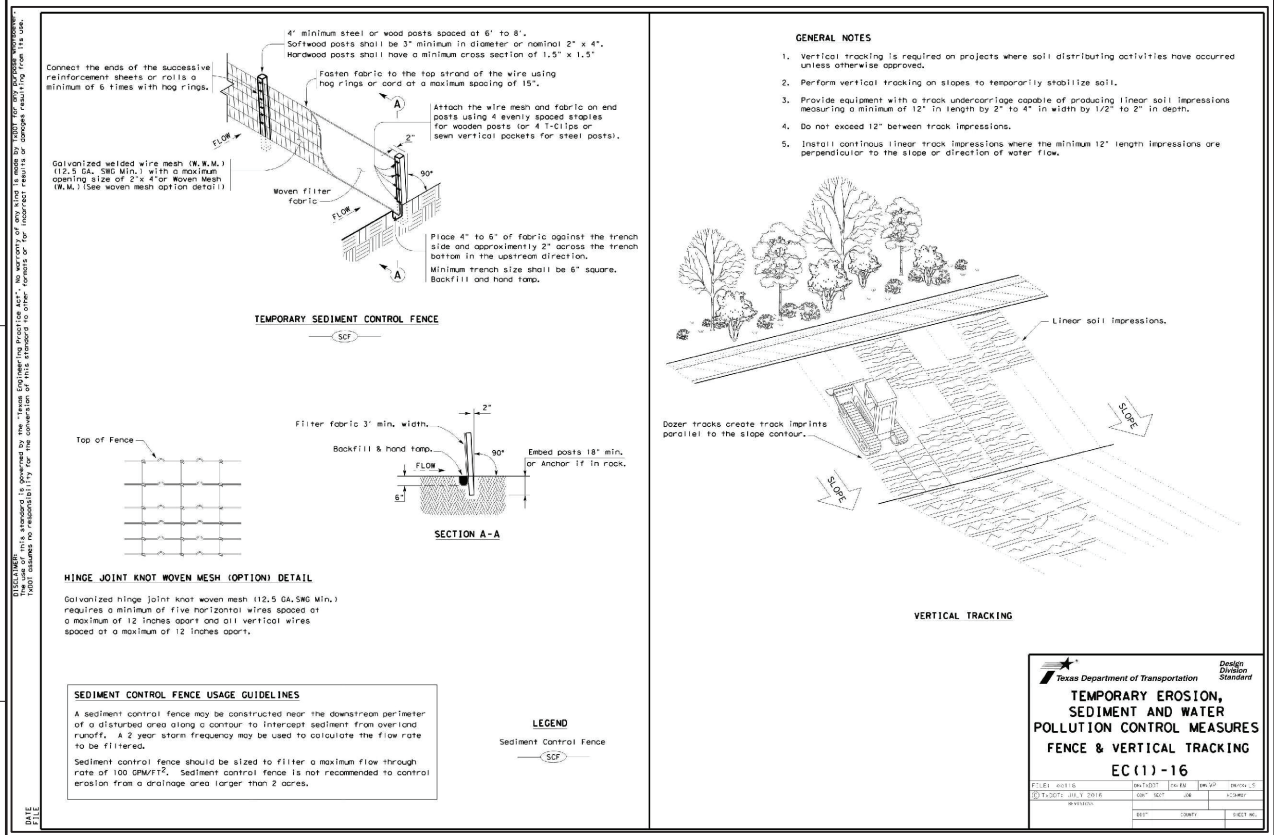
SHEET NUMBER

C-3.3

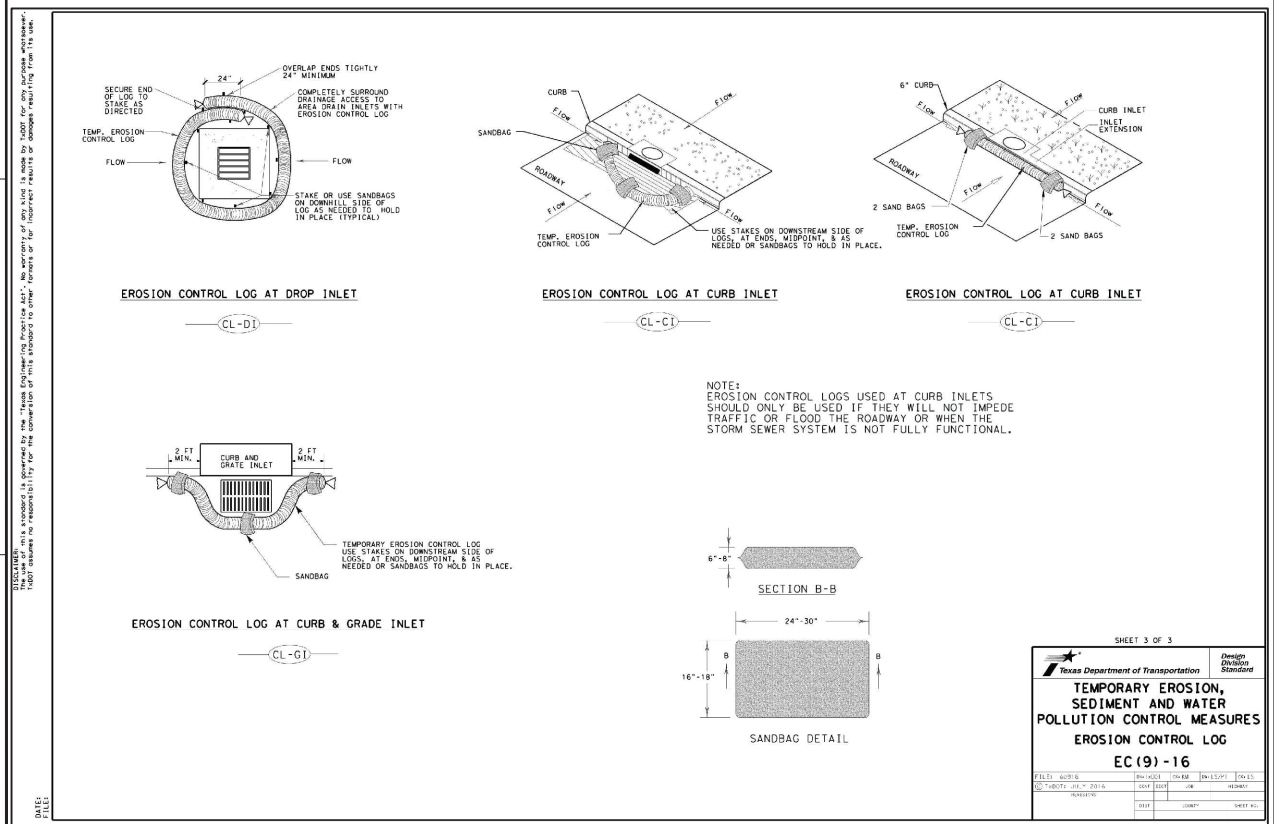
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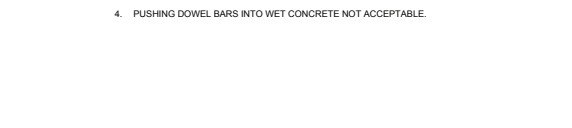
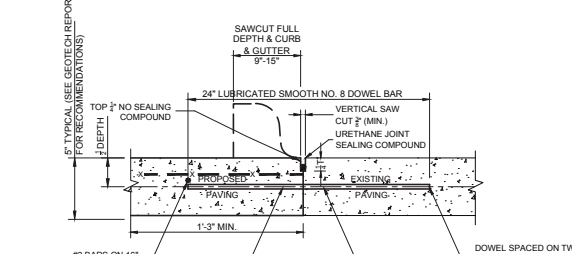
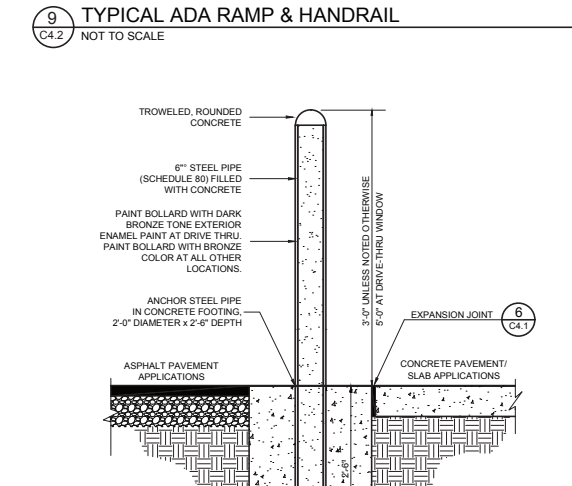
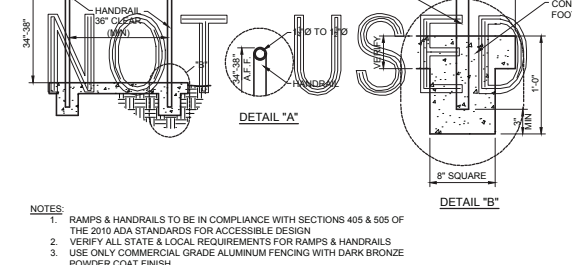
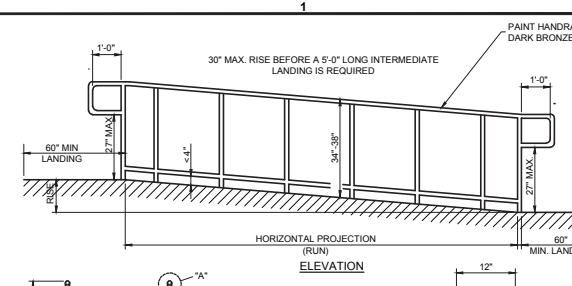
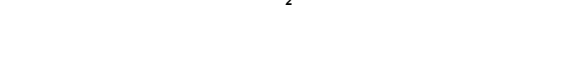
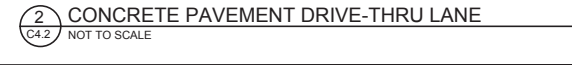
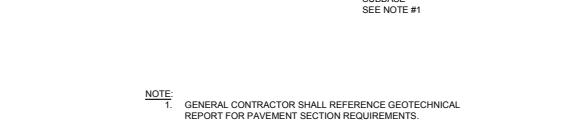
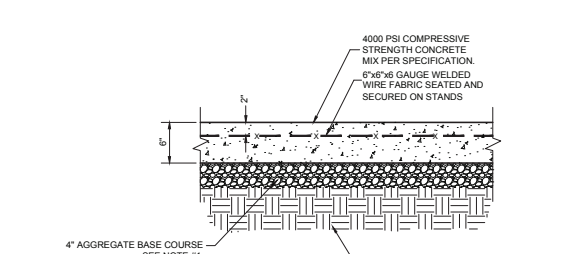
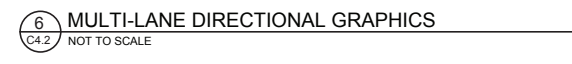
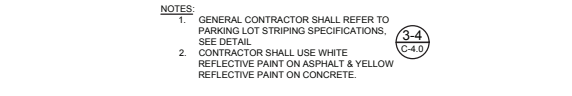
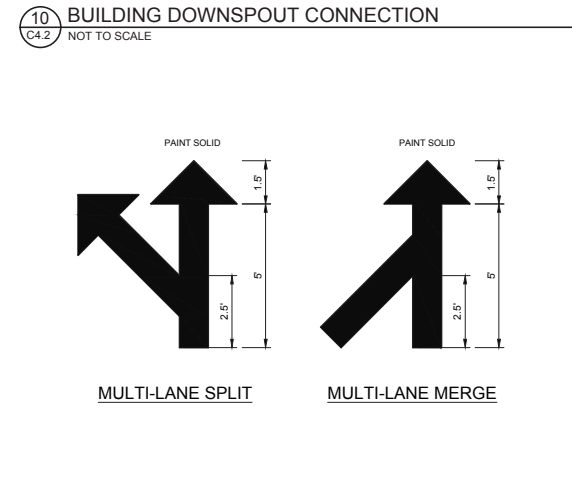
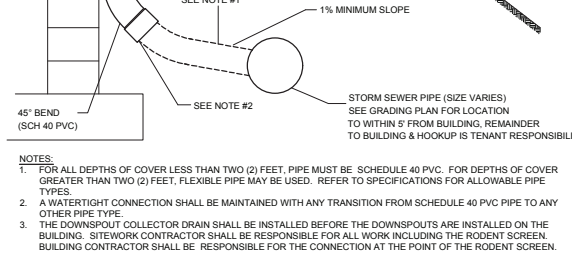
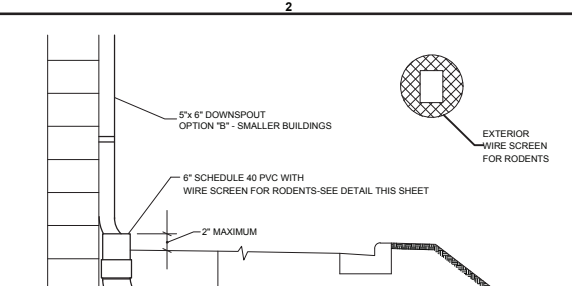
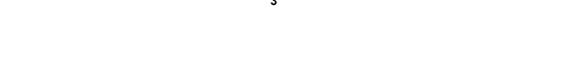
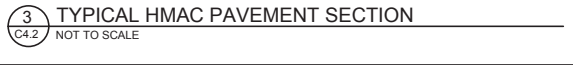
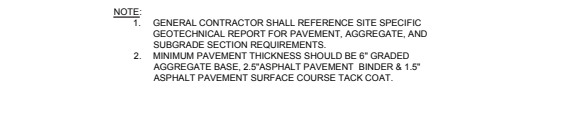
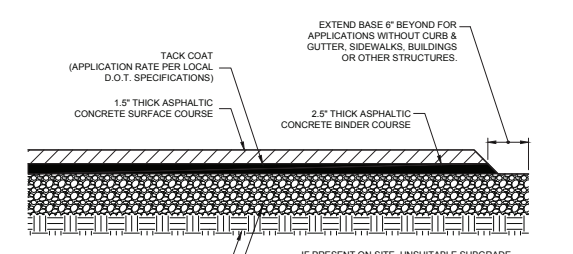
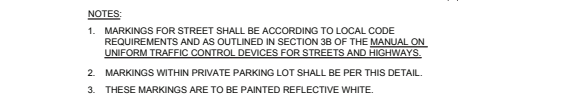
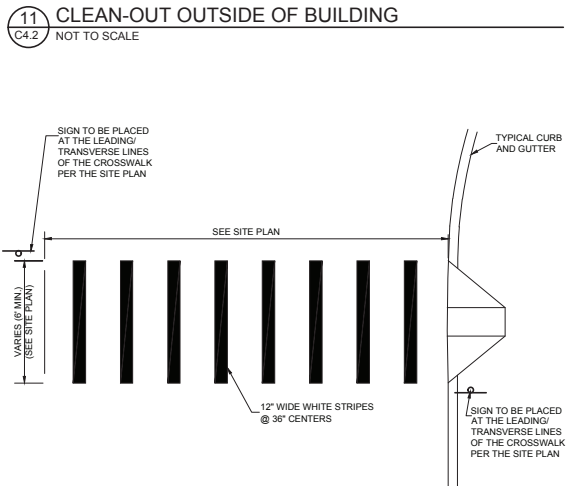
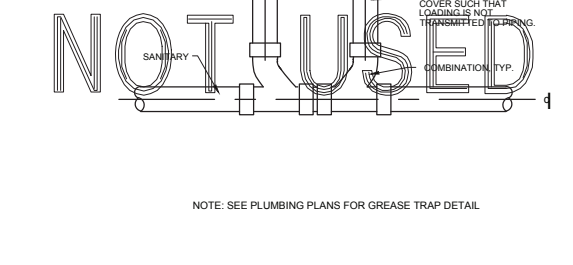
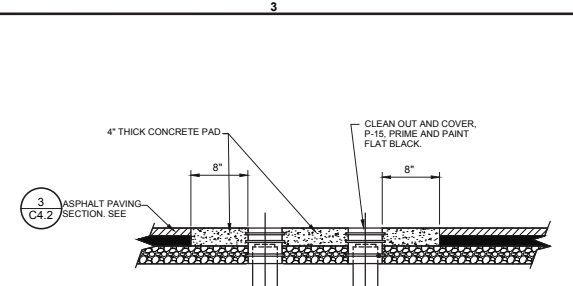
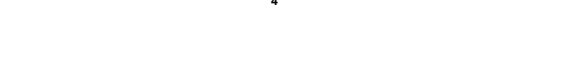
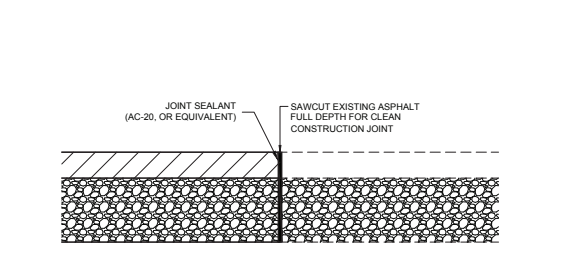
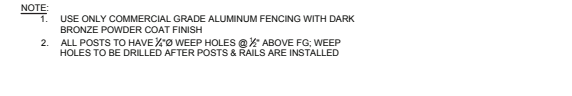
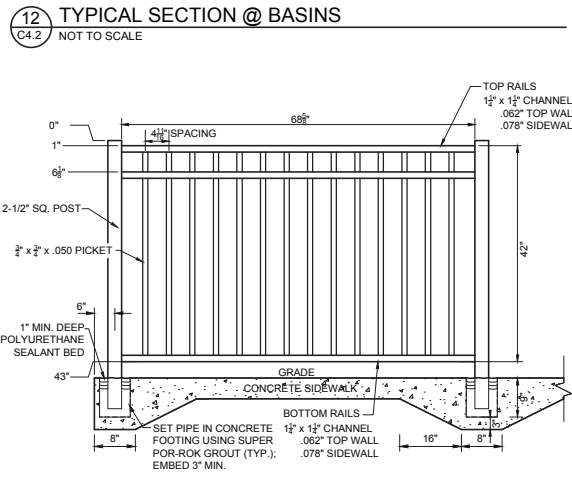
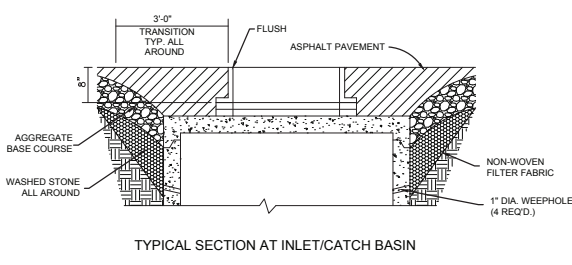
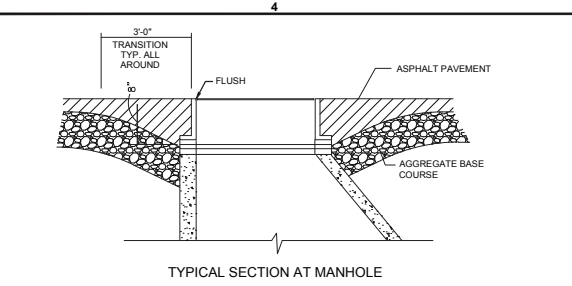
② TXDOT EROSION CONTROL LOG DETAIL NTS



① TXDOT TEMPORARY EROSION AND SEDIMENT FENCING DETAIL NTS



③ TXDOT EROSION CONTROL LOG DETAIL (SHEET 3 OF 3) NTS



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ALTA MONTÉ SPRINGS, TX. 78071
407.645.5208



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CHICK-FIL-A
SOUTH BURLESON
111 NW. JOHN JONES DRIVE
BURLESON, TX. 76028

FSR#02786
BUILDING TYPE / SIZE: SBOC - R
RELEASE: v03.08
PRINTED FOR: CONCEPT

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CONSULTANT PROJECT # 2024.0627
DATE 10/2024
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CHICK-FIL-A STANDARD
DETAILS
SHEET NUMBER

C-4.2
MICJAR - 10/28/2024 10:26:09 AM



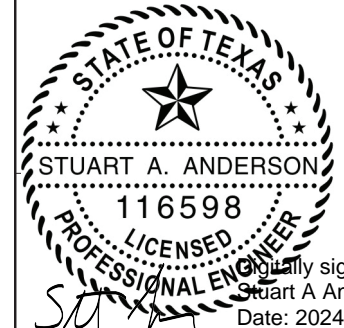
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 ALPHAMONTE SPRINGS, FL 32701
 407.645.5008

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CHICK-FIL-A
 SOUTH BURLESON
 111 NW. JOHN JONES DRIVE
 BURLESON, TX. 76028

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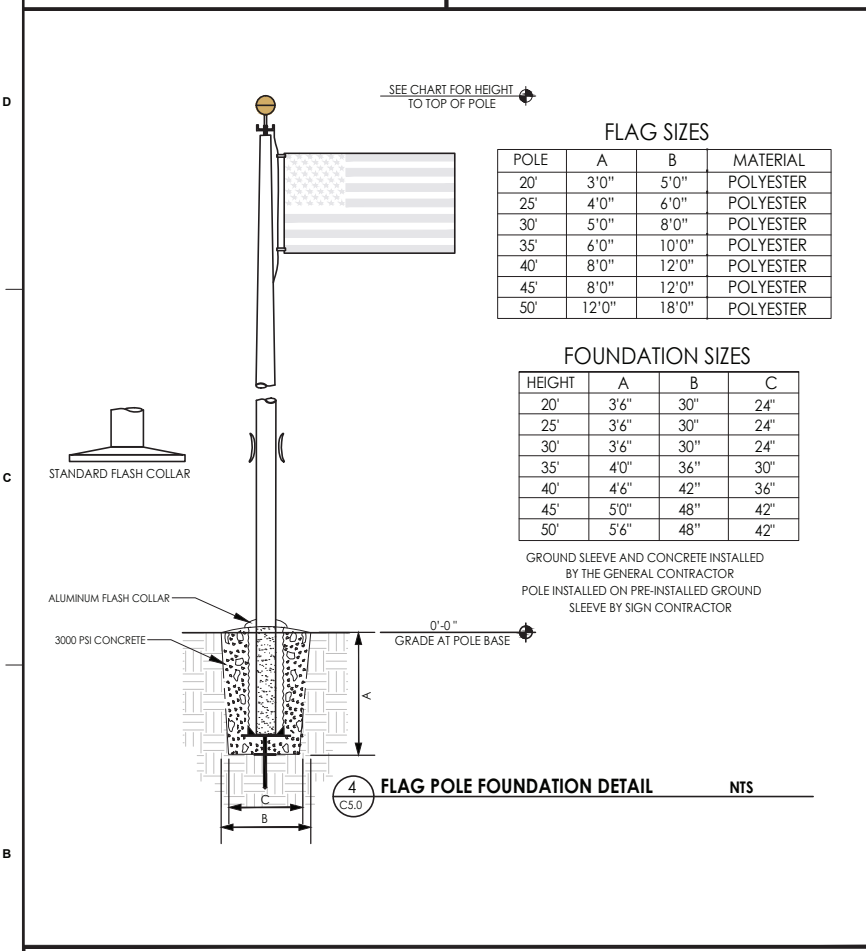
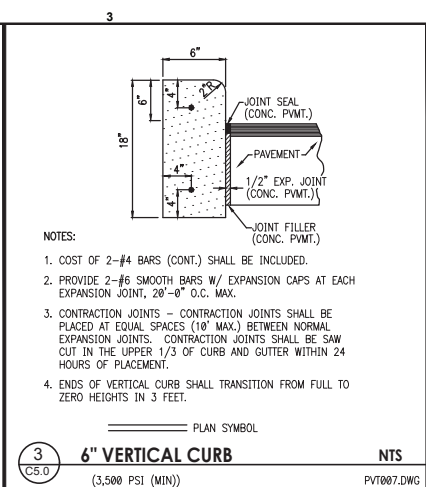
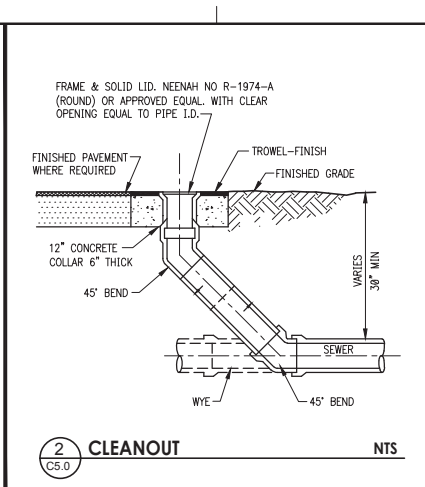
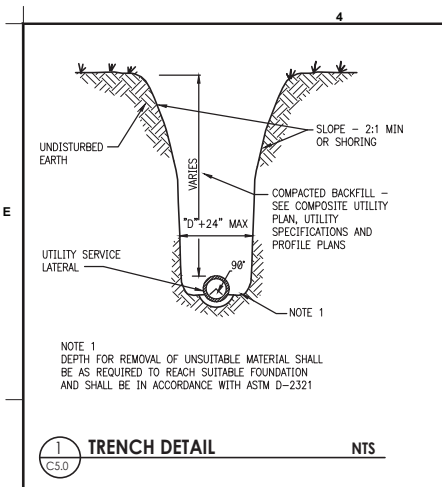
CONCEPT

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CONSTRUCTION DETAILS
 SHEET NUMBER
C-5.0
 MIC:JAR - 10/28/2024 10:26:15 AM



NOTES:
 1. COST OF 2-#4 BARS (CONT.) SHALL BE INCLUDED.
 2. PROVIDE 2-#6 SMOOTH BARS W/ EXPANSION CAPS AT EACH EXPANSION JOINT, 28'-0" O.C. MAX.
 3. CONTRACTION JOINTS - CONTRACTION JOINTS SHALL BE PLACED AT EQUAL SPACES (18' MAX.) BETWEEN NORMAL EXPANSION JOINTS. CONTRACTION JOINTS SHALL BE SAW CUT IN THE UPPER 1/3 OF CURB AND GUTTER WITHIN 24 HOURS OF PLACEMENT.
 4. ENDS OF VERTICAL CURB SHALL TRANSITION FROM FULL TO ZERO HEIGHTS IN 3 FEET.

PLAN SYMBOL
 (3,500 PSI (MIN))

SEE CHART FOR HEIGHT TO TOP OF POLE

GROUND SLEEVE AND CONCRETE INSTALLED BY THE GENERAL CONTRACTOR
 POLE INSTALLED ON PRE-INSTALLED GROUND SLEEVE BY SIGN CONTRACTOR



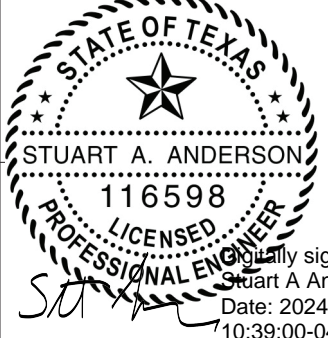
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CHICK-FIL-A
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 BURLESON, TX. 76028

FSR#02786

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TXDOT STANDARD DETAILS

SHEET

C-5.1

MICAR - 10/28/2024 10:26:18 AM

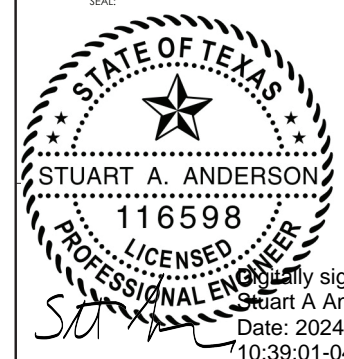
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SFG	3'x3'	3'	3'x3'	0.32 (10/31)	0.32 (10/31)
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SL	4'x9'	4'	4'x9'	0.48 (15/31)	0.48 (15/31)
AN.MC.RE.SH.SI.PG.	4'x9'	4'	4'x9' w/ 32" Dia.	0.48 (15/31)	0.48 (15/31)
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SL					



Chick-fil-A
 Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia
 30349-2998

INTERPLAN
 INTERPLAN, LLC
 F-3219

ARCHITECTURE
 ENGINEERING
 PERMITTING
 220 E. CENTRAL PKWY., STE 4000
 ALPHARETTA, GEORGIA 30201
 407.645.5008



Digitally signed by
 Stuart A. Anderson
 Date: 2024.10.28
 10:39:01-04'00'

CHICK-FIL-A
 SOUTH BURLESON
 111 NW. JOHN JONES DRIVE
 BURLESON, TX. 76028

FSR#02786

BUILDING TYPE / SIZE: SBOC - R
 RELEASE: v0.23.08

CONCEPT

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 2024.0627

DATE 10/20/24

DRAWN BY MJ

CHECKED BY FAR

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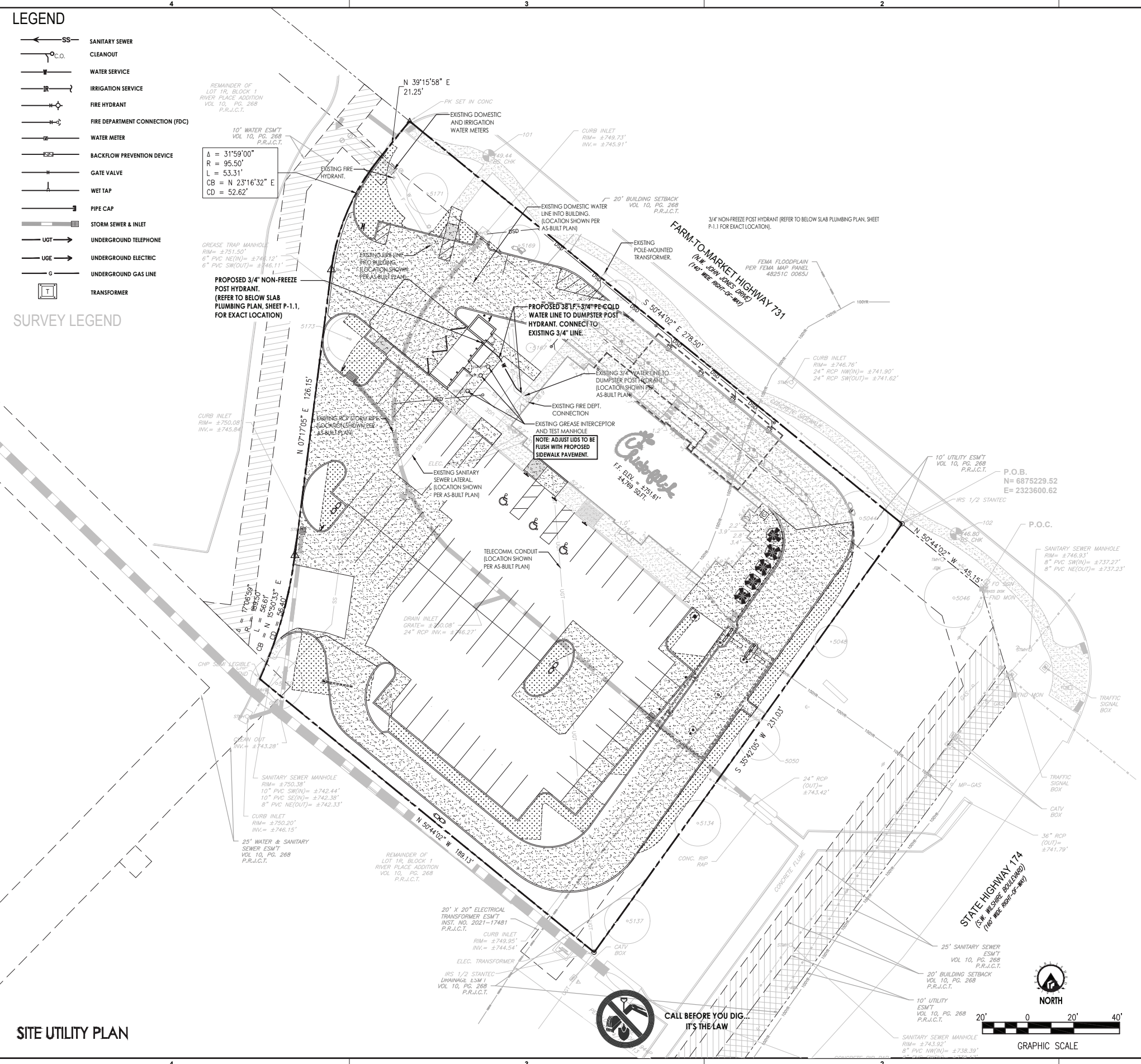
SITE UTILITY PLAN

SHEET

SHEET NUMBER

PS-1.0

MICJAR - 10/28/2024 10:26:21 AM



LEGEND

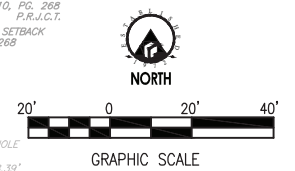
- SS SANITARY SEWER
- C.O. CLEANOUT
- WATER SERVICE
- IRRIGATION SERVICE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION (FDC)
- WATER METER
- BACKFLOW PREVENTION DEVICE
- GATE VALVE
- WET TAP
- PIPE CAP
- STORM SEWER & INLET
- UGT UNDERGROUND TELEPHONE
- UGE UNDERGROUND ELECTRIC
- UGL UNDERGROUND GAS LINE
- T TRANSFORMER

SURVEY LEGEND

SITE UTILITY PLAN

BURIED UTILITIES NOTE
 BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT 811 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.

UTILITY TESTING AND DISINFECTING NOTES
 HYDROSTATIC PRESSURE AND LEAKAGE TESTS SHALL BE CONDUCTED ON ALL NEWLY INSTALLED WATER DISTRIBUTION SYSTEM PRESSURE PIPES AND APPURTENANCES. THE TESTS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF AWWA C600 OR M23 AS APPLICABLE.
 DISINFECTION OF THE WATER DISTRIBUTION SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C651 DISINFECTING WATER MAINS. THE CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT THE ACTIVE EXISTING MAIN FROM BACKFLOW CONTAMINATION DURING FILLING, FLUSHING, AND TESTING OF THE NEW MAIN, AS SPECIFIED IN ANSI/AWWA C651-14.
 FLUSHING TIME SHALL BE AT LEAST THAT AMOUNT OF TIME
 NOTE: NEEDED TO FLUSH TWO TIMES THE PIPE VOLUME AFTER 3 FPS VELOCITY IS REACHED OR UNTIL CLEAR, WHICHEVER IS LONGER.

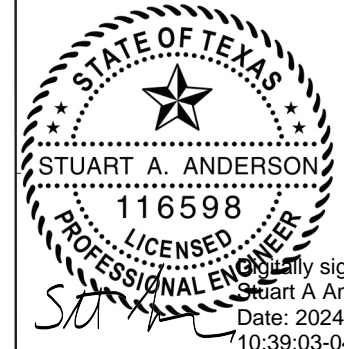




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CHICK-FIL-A
 SOUTH BURLESON
 111 NW. JOHN JONES DRIVE
 BURLESON, TX. 76028

FSR#02786
 BUILDING TYPE / SIZE: SBOC - R
 RELEASE: v0.23.08
 PRINTED FOR: CONCEPT

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

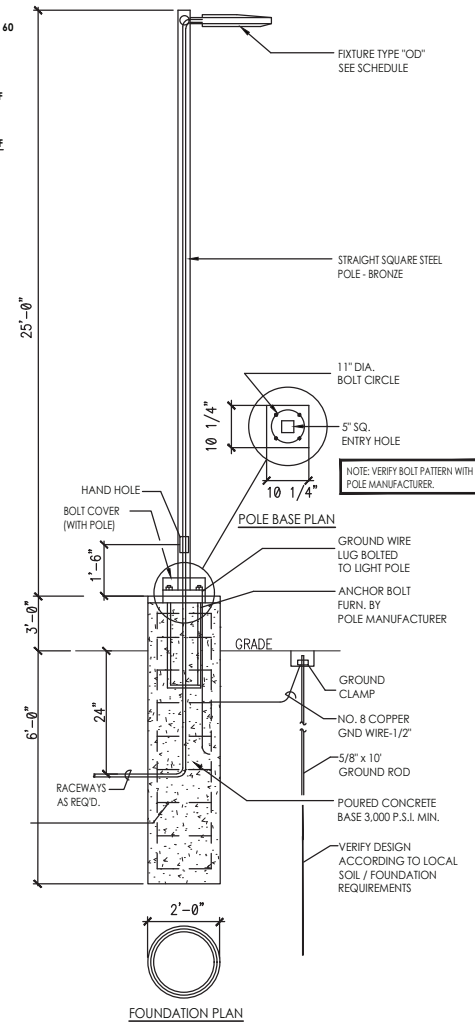
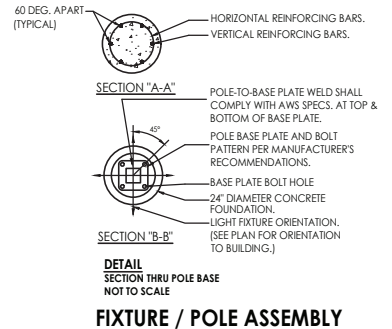
CONSULTANT PROJECT # 2024.0627
 DATE 10/20/24
 DRAWN BY MJ
 CHECKED BY FAR

ELECTRICAL SITE LIGHTING
 AND PHOTOMETRICS PLAN
 SHEET NUMBER

ES-1.0

MIC:AR - 10/28/2024 10:26:24 AM

- NOTES:**
- 3000 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BAR.
 - IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
 - FOUNDATION EXCAVATION SHALL BE BY 24" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL. AN INSPECTION DURING THE CONSTRUCTION OF THE SITE LIGHT POLE MUST BE PERFORMED AND RECORDED BY A CERTIFIED SPECIAL INSPECTOR EMPLOYED BY THE OWNER.
 - MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING PRESSURE IS LESS.
 - AIR ENTRAINMENT: 4 TO 6%
 - POLE TO BE CERTIFIED FOR 110 MPH WIND LOAD BY MANUFACTURER.



LIGHTING NOTE:
 THIS PLAN IS PROVIDED FOR LIGHT POLE PLACEMENT AND PHOTOMETRIC DESIGN ONLY. THE PROJECT ELECTRICAL ENGINEER WILL SPECIFY THE CUTTING OF THE SITE AND BUILDING LIGHTING AS WELL AS PROVIDING THE POWER AND SWITCHES IN THE BUILDING'S ELECTRICAL PANEL.

- NOTES:**
- REFER TO SHEET ES-1.1 FOR ELECTRICAL CIRCUIT PLAN.
 - ALL POLES ARE TO BE PLACED 3'-0" BEHIND BACK OF CURBS.

Luminaire Schedule					
Symbol	Qty	Label	Description	Luminaire Lumens	Luminaire Watts
□	14	CL	CRUS-SC-LW-40	10725	73
□	2	P4 (2) (RL)	PRV-C60-D-UNV-T4-BZ	19984	153
□	3	P4 (3) (RL)	PRV-C60-D-UNV-T4-BZ (L90-R90)	19984	153

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Parking Lot	Illuminance	Fc	5.98	52.7	0.8	7.48
Property Line	Illuminance	Fc	3.28	14.7	0.1	32.80

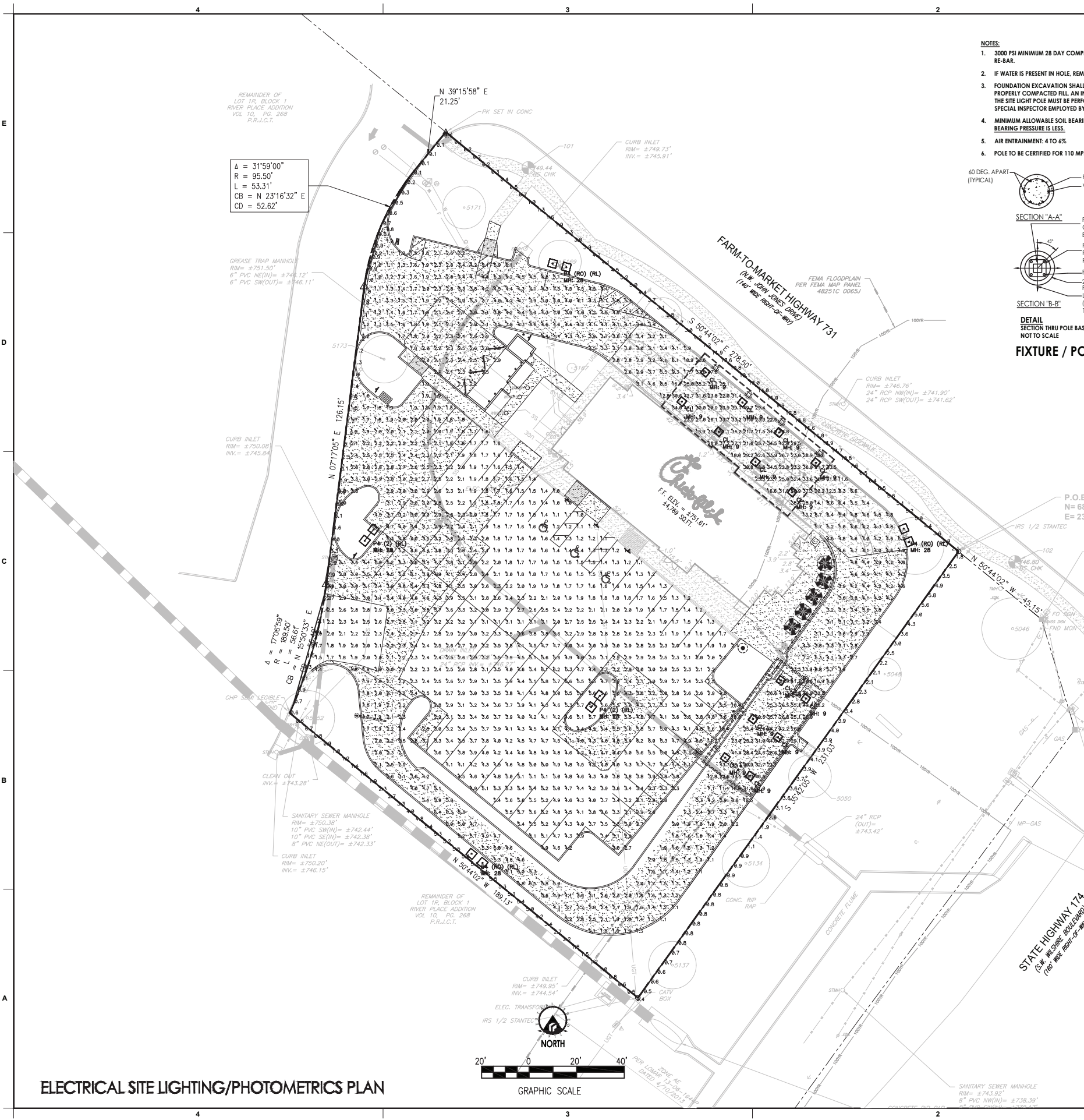
Luminaires & Lamps Furnished By Villa Lighting Inc. St Louis, MO. 63103
 (800)325-0693
 www.villalighting.com

The electrical contractor shall be responsible for receiving, storage, installation and wiring of light fixtures.

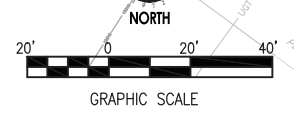
The electrical contractor shall report any damaged light fixtures or missing parts to Villa Lighting within 48 hours of receipt of light fixture package.

Design is based on current information provided at the time of request. Any changes in mounting height, mounting location, lamp wattage, lamp type, and existing field conditions that effect any of the previously mentioned will void the current layout and require a change request and recalculation. Calculations are based upon a computer simulation and actual field calculations may vary.

Fixtures mounted on 25' pole & 3' base
 Light level calculated on the ground



ELECTRICAL SITE LIGHTING/PHOTOMETRICS PLAN



Project	Catalog #	Type
Prepared by	Notes	Date

Lumark

Prevail LED

Area / Site Luminaire

Product Features

- Ordering Information
- Mounting Details
- Optical Configurations
- Product Specifications
- Energy and Performance Data
- Control Options

Product Certifications

Connected Systems

- WaveLinx

Quick Facts

- Lumen packages range from 4,800 - 52,300 lumens (35W - 350W)
- Replaces 70W up to 1,000W HID equivalents
- Efficiencies up to 160 lumens per watt
- Energy and maintenance savings up to 85% versus HID solutions
- Standard universal quick mount arm with universal drill pattern

Dimensional Details

Lumark

Ordering Information

Product Family	Light Engine	Order	Voltage	Distribution	Mounting	Color
PRV-P-Prevail Petite	C16-(1) LED 4,800 Nominal Lumens	0-Dimming (0-10V)	100V-Universal (120-277V)	T2-Type II	SA-Standard Versatile Arm	BZ-Bronze
PRV-P-Prevail Petite BAA Compliant	C16-(1) LED 4,800 Nominal Lumens	0-Dimming (0-10V)	100V-Universal (120-277V)	T2-Type II	MA-Mast Arm	AP-White
TAA-PRV-P-Prevail Petite TAA Compliant	C16-(1) LED 4,800 Nominal Lumens	0-Dimming (0-10V)	100V-Universal (120-277V)	T2-Type II	MA-Mast Arm	AP-White

Prevail LED

Ordering Information

Product Family	Light Engine	Order	Voltage	Distribution	Mounting	Color
PRV-XL-Prevail XL	C16-(1) LED 7,100 Nominal Lumens	0-Dimming (0-10V)	100V-Universal (120-277V)	T2-Type II	SA-Standard Versatile Arm	BZ-Bronze
PRV-XL-Prevail XL BAA Compliant	C16-(1) LED 7,100 Nominal Lumens	0-Dimming (0-10V)	100V-Universal (120-277V)	T2-Type II	MA-Mast Arm	AP-White
TAA-PRV-XL-Prevail XL TAA Compliant	C16-(1) LED 7,100 Nominal Lumens	0-Dimming (0-10V)	100V-Universal (120-277V)	T2-Type II	MA-Mast Arm	AP-White

Stock Ordering Information

Product Family	Light Engine	Voltage	Distribution
PRV-P-Prevail	C16-(1) LED 4,800 Nominal Lumens	100V-Universal (120-277V)	T2-Type II
PRV-XL-Prevail XL	C16-(1) LED 7,100 Nominal Lumens	100V-Universal (120-277V)	T2-Type II

Lumark

Power and Performance Data

Product Family	Prevail Petite	Prevail	Prevail XL
Power (Watts)	35 49 73 94 52 66 131 133 176 217 264 285 346		
Input Current @ 120V (A)	0.29 0.41 0.61 0.79 0.43 0.80 1.09 1.32 1.04 1.84 2.21 2.38 2.92		
Input Current @ 277V (A)	0.13 0.18 0.27 0.35 0.19 0.35 0.48 0.57 0.66 0.82 0.97 1.04 1.25		
Input Current @ 347V (A)	0.11 0.16 0.23 0.30 0.17 0.30 0.41 0.48 0.54 0.66 0.79 0.84 1.02		
Input Current @ 480V (A)	0.08 0.12 0.17 0.22 0.12 0.22 0.30 0.35 0.40 0.48 0.57 0.62 0.74		

Light Engine

Product Family	C16	C15	C20	C25	C15	C40	C60	C75	C100	C150	C175	
4000K Lumens	4,775	6,717	9,542	11,521	7,323	13,295	17,712	20,083	26,763	31,231	36,503	41,349
5000K Lumens	4,800	6,750	9,562	11,543	7,345	13,317	17,734	20,105	26,785	31,253	36,525	41,371

Color Rendering Index (CRI)

Configuration	TM-21 Lumens Maintenance (50,000 Hours)	Theoretical L70 (Hours)
Prevail and Prevail Petite at 25°C	91.30%	> 194,000
Prevail and Prevail Petite at 40°C	87.99%	> 194,000
Prevail XL at 25°C	91.40%	> 204,000
Prevail XL at 40°C	89.41%	> 158,000

SSP

Square Non-Tapered Steel Poles

Pole Shaft

The pole shaft is one piece construction, being fabricated from a weldable grade carbon steel structural tubing which has a uniform wall thickness of 7 gauge (0.1793"). The pole shaft material shall conform to ASTM A500 Grade C with a minimum yield strength of 50,000 psi. The pole shaft has a full length longitudinal resistance weld and is uniformly square in cross-section with flat sides, small corner radii and excellent torsional properties.

Base Plate

The anchor base is fabricated from a structural quality hot rolled carbon steel plate that meets or exceeds a minimum yield strength of 36,000 psi. The anchor base telescopes the pole shaft and is circumferentially welded top and bottom. All welds are performed in accordance with the American Welding Society specification AWS D1.1, latest edition.

Anchor Bolts

Anchor bolts are fabricated from commercial quality hot rolled carbon steel bar that meets or exceeds a minimum yield strength of 55,000 psi. Four properly sized anchor bolts, each with two regular hex nuts and washers, are furnished and shipped with all poles unless otherwise specified. Anchor bolts shall have the threaded end galvanized a minimum of 8 inches in accordance with ASTM A153. Fully galvanized anchor bolts are available upon request.

Handhole

An oval reinforced gasketed handhole, having a nominal 3" x 5" inside opening, located 1' - 6" above base, is standard on all poles. A grounding provision is located inside the handhole ring.

Finish

Standard - The exterior surface is cleaned with an alkaline rinse to remove surface contaminants and shot blasted to specifications as published by the Steel Structures Painting Council Standards SSPC-SP10 (near white). The exterior surface is chemically pretreated with an iron phosphate conversion coating then rinsed with ambient fresh water containing special surfactants and sealers forming a dry light micro-crystalline coating. A polyester thermosetting powder coating applied to the surface of the substrate to a minimum of 3 mils is standard on all color finishes. The interior surface including the powder coated area at the base-end is coated with **HMMA**, a thermoplastic hydrocarbon resin system specially formulated for application over untreated steel surfaces, to a thickness of 3 mils. The interior coating shall contain special corrosion inhibitors and is capable of passing 1000 hours of salt spray exposure (ASTM B117).

Series: SSP - Square Non-Tapered Steel Poles

Nominal Height: 25' Base Diameter: 4.0" Gauge: 7

Finish: BRZ - Standard - Bronze

Mounting Designation: DM10 - Drilled for 1 Luminaire

Options: BC - Base Cover

Height (ft.)	Pole Shaft (in.) x (ft.)	Gauge	Handhole Size (in.)	Anchor Bolt (in.) x (in.) x (in.)	Bolt Circle (in.)	80 MPH (ft.)	90 MPH (ft.)	100 MPH (ft.)	Ship WT. (lbs.)
25	4.0 x 25.0	7	3 x 5	0.75 x 3.0 x 3	8	12.2	8.7	6	266

SSP25-4.0-7-BRZ-DM10-BC

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Terms and Conditions of Sale

TERMS

Net 30 days from the date of Company's invoice unless otherwise specified. A 1-1/2% per month late charge will be added to accounts past due.

PRICES

Published prices are subject to change without notice. Possession of price sheets in no way obligates Company to sell to the Purchaser possessing such price sheet. All orders are subject to final approval and acceptance by the Company. Once accepted and approved, orders will be billed at prices currently in effect at the time of invoicing, or at prices quoted by the Company and accepted by the Purchaser if the order involves an item or items covered by special quotation. THE MINIMUM INVOICE CHARGE SHALL BE \$50.00 NET.

Lumark

Mounting Details

Prevail LED

Mounting Details

Optical Configurations

Product Specifications

- 0-10V dimming driver is standard with leads external to the future
- Standard MOV surge protective device designed to withstand 10kV of transient surge
- Precision molded polycarbonate optics
- Dark Sky Approved (2000K CCT and warmer only)
- Versatile, patented, standard arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8"
- 40°C maximum operating temperature
- 90° power factor
- <20% total harmonic distortion
- Class 2 Electronic devices have expected life of 100,000 hours with <1% failure rate

SSP

Square Non-Tapered Steel Poles

Delivery

All goods sold are deliverable F.O.B. KW Industries, Inc., Sugar Land, Texas 77478.

TAXES

The Company's prices do not include Federal, State or municipal sales, use, excise, or similar taxes. Consequently, the Company reserves the right to add to the sales price of its product any present or future sales, use, excise or other similar tax which shall be paid by the Purchaser, or in lieu thereof, the Purchaser shall provide the Company with a tax exemption certificate acceptable to the taxing authorities.

ROUTING

The Company will specify the method and routing of all products to ensure the most efficient and economical shipment in behalf of the Purchaser. The Purchaser will assume charges for special services such as cartage, air freight, express or multiple deliveries on one order.

CANCELLATION

The written consent of the Company shall be obtained prior to a cancellation of any order. Cancellation of an order may subject the Purchaser to a cancellation charge based upon expenses already incurred and commitments made by the Company.

RETURNED GOODS

Specific written request and arrangements must be made in advance for Purchaser to obtain credit or replacement on material returned. On material accepted for return, Purchaser must prepay return shipment and pay minimum restocking charge of 40% plus any charge necessary to rework goods to a resalable condition. Custom fabricated products by special order are not subject to return.

DELAYS, DAMAGE OR LOSS

The Company is not and shall not be liable for delays in shipment or delivery of its products when caused by strikes, riots, hurricanes, civil disorder, fires, material shortage, breakdown in manufacturing facilities or any other cause beyond its reasonable control. Any claims for damages, loss or shortage in transit must be made by the Purchaser to the delivering carrier. The risk of loss passes to the Purchaser upon delivery to the carrier.

LIMITED WARRANTY

The Company warrants to Purchaser that its products will be free from defects in material and workmanship for a period of one year from the date of shipment by the Company (the "Warranty Period"). This Warranty specifically excludes fatigue failure or similar phenomena resulting from induced vibration, harmonic oscillation or resonance associated with the movement of air currents around the product. If during the Warranty period, the product proves defective in material or workmanship, the Company shall correct any defect, at its option, either by repairing any defective parts or by making replacement of the Company's plant a repaired or replacement part at no charge to the Purchaser, if the Purchaser promptly notifies the Company and furnishes proof of Purchase. The liability of the Company under this Warranty, or for any loss or damage arising out of, or connected with, the design, manufacturing, sale or use of its products, whether the claim is based on contract or negligence, shall not exceed the price allocable to the value of the product or part which gives rise to the claim and upon expiration of the Warranty Period all such liability shall terminate. The Company shall not be liable for special or consequential damages including, but not limited to, loss of profits or revenue, loss of use of the product, cost of substitute products or labor charges to remove or reinstall the defective product, nor any product transportation expenses to and from the Company's plant if factory repair or replacement is necessary. No warranty is made with respect to parts or auxiliary equipment not manufactured by the Company. The foregoing Warranty is exclusive and in lieu of all other warranties whether written, oral, express or implied and shall constitute the sole and exclusive remedy of the Purchaser and liability of the Company. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. The Company's products are not sold as a "consumer product" under 15 U.S.C. 62301.

GENERAL

KW Industries, Inc. reserves the right to change any feature of its published specifications without notice to promote product improvement and/or allow for material availability. The contract for the sale of goods by KW shall be performable in Fort Bend County, Texas. Prices subject to change without notice.

CONCEPT

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 2024.0627

DATE 10/20/24

DRAWN BY MJ

CHECKED BY FAR

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ELECTRICAL SITE LIGHTING CUT SHEETS

SHEET NUMBER

Chick-fil-A

5200 Buffington Road
Atlanta, Georgia
30349-2998

INTERPLAN
INTERPLAN LLC
F-3219

ARCHITECTURE
ENGINEERING
PERMITTING

220 E. CENTRAL PKWY., STE 4000
ALTIMONTE SPRINGS, FL 32701
407.645.5508

SEAL:

Stuart A. Anderson
Date: 2024.10.28
10:39:04-04'00"

CHICK-FIL-A

SOUTH BURLESON

111 NW. JOHN JONES DRIVE
BURLESON, TX. 76028

FSR#02786

BUILDING TYPE / SIZE: SOSC - R

RELEASE: v23.028

PRINTED FOR: CONCEPT

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 2024.0627

DATE 10/20/24

DRAWN BY MJ

CHECKED BY FAR

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ELECTRICAL SITE LIGHTING CUT SHEETS

SHEET NUMBER

ES-2.0

10/28/2024 10:26:28 AM