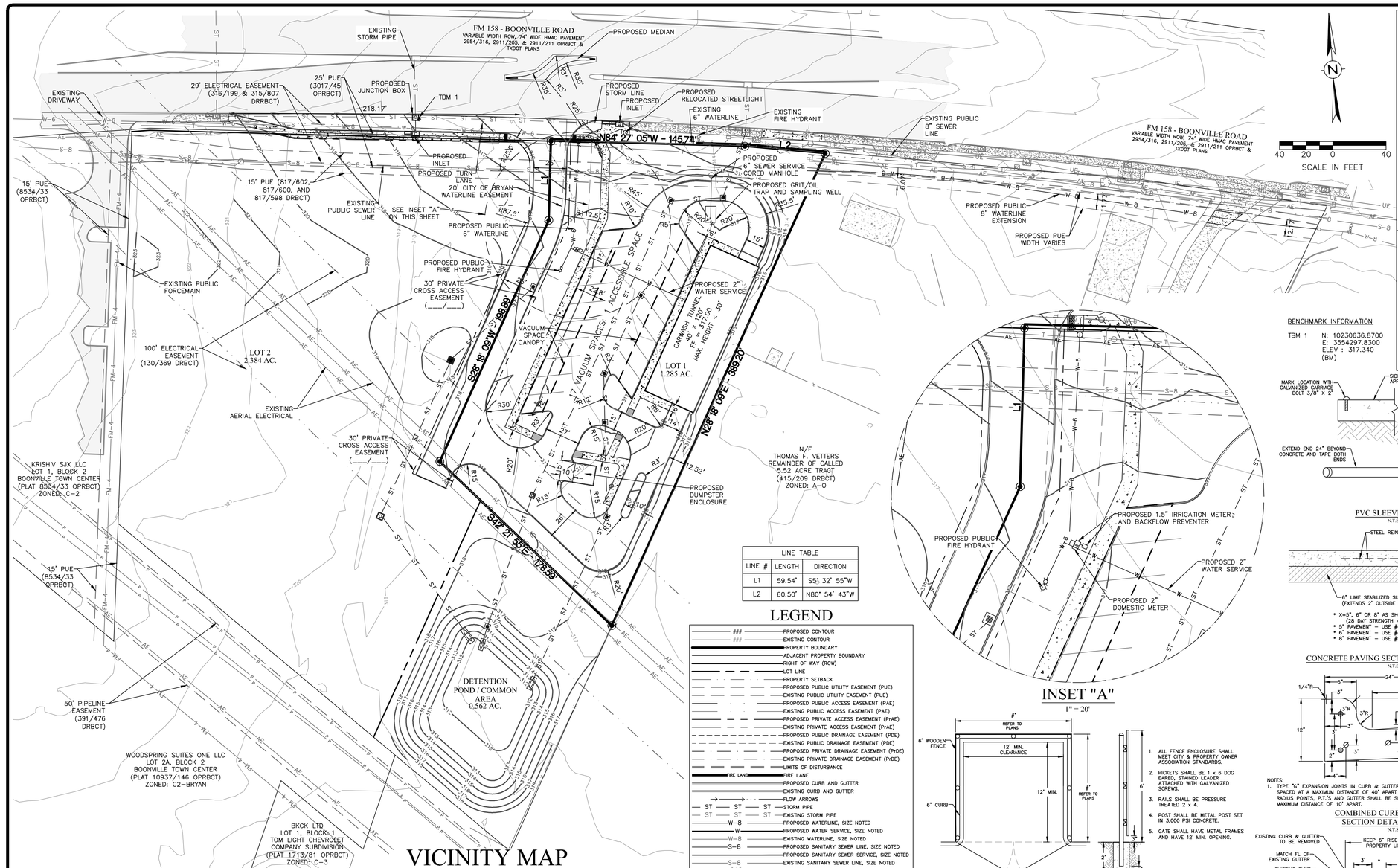


VICINITY MAP

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	59.54'	S5° 32' 55"W
L2	60.50'	N80° 54' 43"W

LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- RIGHT OF WAY (ROW)
- LOT LINE
- PROPERTY SETBACK
- PROPOSED PUBLIC UTILITY EASEMENT (PUE)
- EXISTING PUBLIC UTILITY EASEMENT (PUE)
- PROPOSED PUBLIC ACCESS EASEMENT (PAE)
- EXISTING PUBLIC ACCESS EASEMENT (PAE)
- PROPOSED PRIVATE ACCESS EASEMENT (PrAE)
- EXISTING PRIVATE ACCESS EASEMENT (PrAE)
- PROPOSED PUBLIC DRAINAGE EASEMENT (PDE)
- EXISTING PUBLIC DRAINAGE EASEMENT (PDE)
- PROPOSED PRIVATE DRAINAGE EASEMENT (PrDE)
- EXISTING PRIVATE DRAINAGE EASEMENT (PrDE)
- LIMITS OF DISTURBANCE
- FIRE LANE — FIRE LANE
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOW ARROWS
- ST — STORM PIPE
- ST — EXISTING STORM PIPE
- W-8 — PROPOSED WATERLINE, SIZE NOTED
- W — PROPOSED WATER SERVICE, SIZE NOTED
- W-8 — EXISTING WATERLINE, SIZE NOTED
- S-8 — PROPOSED SANITARY SEWER LINE, SIZE NOTED
- PROPOSED SANITARY SEWER SERVICE, SIZE NOTED
- S-8 — EXISTING SANITARY SEWER LINE, SIZE NOTED
- GAS — PROPOSED GAS LINE, SIZE NOTED
- GAS — EXISTING GAS LINE, SIZE NOTED
- UE — PROPOSED UNDERGROUND ELECTRIC LINE
- UE — EXISTING UNDERGROUND ELECTRIC LINE
- AE — EXISTING OVERHEAD ELECTRIC LINE

UTILITY DEMAND

PHASE 1

WATER DEMAND

AVERAGE	37.5 GPM
MAXIMUM (PEAK)	150 GPM

2" DOMESTIC WATER METER

SANITARY SEWER DEMAND

AVERAGE	25 GPM
MAXIMUM (PEAK)	100 GPM

6" SANITARY SEWER LINE @ 1.04 % MIN. SLOPE

FIXTURE UNITS =	640
FIXTURE UNITS ALLOWED=	700

PIPE SLOPE OK

PARKING ANALYSIS

REQUIRED PARKING

4800 SF OF CARWASH

1 SPACE PER 500 SF

10 SPACES REQUIRED

TOTAL REQUIRED: 10 SPACES

PROPOSED PARKING

17 VACUUM SPACES

1 SPACES ACCESSIBLE PARKING

18 SPACES PROVIDED

BENCHMARK INFORMATION

TBM 1 N: 10230636.8700
E: 3554297.8300
ELEV : 317.340
(BM)

INSET "A"

1" = 20'

SITE SPECIFIC NOTES:

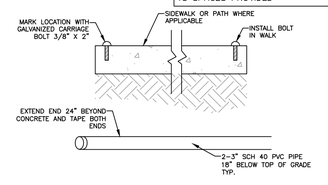
1. THE OWNER OF THE PROPERTY IS DREW'S CARWASH #7 LLC. THE SUBJECT PROPERTY IS COKER SUBDIVISION BLOCK 1, LOT 1, AND COMMON AREA. PROPERTY IS ZONED C-2 (RETAIL) AND FM 158 CORRIDOR OVERLAY DISTRICT.
2. THE TOTAL DISTURBED AREA FOR THIS PROJECT IS 2.98 ACRES (129809 SF).
3. THE SUBJECT TRACT DOES NOT LIE WITHIN THE 100 YEAR FLOODPLAIN ACCORDING TO FEMA FLOOD INSURANCE RATE MAPS FOR BRAZOS COUNTY, TEXAS AND INCORPORATED AREAS. COMMUNITY NO. 480083, PANEL NO. 0215F, MAP NO. 48041C0215F, EFFECTIVE DATE: 04-02-2024.
4. THE MINIMUM REQUIRED FIRE FLOW FOR A COMMERCIAL BUILDING IBC TYPE IIB OF 5,600 SF IS 1500 GALLONS PER MINUTE. THE BUILDING IS NOT SPRINKLED. ONE FIRE HYDRANT IS REQUIRED. THE PROPOSED HYDRANT WILL BE SUFFICIENT.
5. PARKING LOT STRIPING OTHER THAN FIRE LANE STRIPING SHALL CONFORM TO TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS, AND BRIDGES: ITEM 666, TYPE 2 MARKING MATERIALS.
6. THE FIRE SUPPRESSION LINE SHALL HAVE A LOCKABLE LID ON THE ISOLATION VALVE. THE LOCKAGE LID SHALL SUPPLY THE SAME PROTECTION AS THE AMP OR USA; LL562 LOOKING LID AT MINIMUM. AN ALTERNATING LOCKABLE LID SHALL BE APPROVED BY THE FIRE MARSHALL. OR HIS DESIGNEE.
7. CONTOURS SHOWN ARE FROM FIELD SURVEY DATA.
8. THE OWNERSHIP AND MAINTENANCE RESPONSIBILITIES OF THE PRIVATE DRAINAGE AND ACCESS EASEMENT WILL BE BY THE LOT OWNER OR PROPERTY OWNER ASSOCIATION.
9. ALL STORM SEWER IS PRIVATE. STORM SEWER COVERS SHALL BE LABELED PRIVATE AND SHALL NOT USE THE CITY OF BRYAN LOGO ON COVERS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTAINMENT AND PROPER DISPOSAL OF ALL LIQUID AND SOLID WASTE ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PREVENT THE OCCURRENCE OF WIND BLOWN LITTER FROM THE PROJECT SITE.
11. THE CONTRACTOR IS REQUIRED TO PROVIDE CONTAINMENT FOR WASTE, PRIOR TO AND DURING, DEMOLITION AND CONSTRUCTION. SOLID WASTE ROLL-OFF BOXES/METAL DUMPSTERS SHALL BE SUPPLIED BY THE CITY OR CITY PERMITTED CONTRACTOR(S) ONLY.
12. NORMAL DOMESTIC WASTEWATER IS ANTICIPATED TO BE DISCHARGED FROM THIS DEVELOPMENT.
13. ALL BACKFLOW DEVICES MUST BE INSTALLED AND TESTED UPON INSTALLATION AS PER CITY ORDINANCE.
14. THE IRRIGATION SYSTEM MUST BE PROTECTED BY EITHER AN ATMOSPHERIC OR A PRESSURE VACUUM BREAKER OR REDUCED PRESSURE PRINCIPLE BACK FLOW DEVICE AND INSTALLED AS PER CITY ORDINANCE.
15. 8" CONCRETE PAVEMENT TO BE PROVIDED FOR DUMPSTER LOCATIONS PER CITY OF BRYAN SPECIFICATIONS. DUMPSTER CONTAINMENT AREAS SHALL BE REINFORCED WITH #5 BARS AT 12" OCEW AND THE PAD SHALL EXTEND AN ADDITIONAL 10' IN FRONT OF CONTAINMENT AREA.
16. FIRE SPRINKLER SYSTEM – POTABLE WATER SUPPLY MUST BE PROTECTED BY A TESTABLE DOUBLE CHECK VALVE ASSEMBLY, AND INSTALL AS PER CITY ORDINANCE.
17. ALL DEVICES, APPURTENANCES, APPLIANCES AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION AND THAT CONNECTS TO THE WATER SUPPLY SYSTEM, SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY.
18. RPZ FOR DOMESTIC WATER METER WILL BE INSTALLED INSIDE THE MECHANICAL ROOM.

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST CITY OF BRYAN/COLLEGE STATION STANDARD SPECIFICATIONS AND DETAILS FOR (WATER, SEWER, STREETS, DRAINAGE). ALL CONSTRUCTION SHALL BE COORDINATED WITH THE CITY ENGINEER'S OFFICE.
2. ALL UTILITY LINES (WATER, GAS, SANITARY SEWER, STORM SEWER, ETC.) SHOWN ARE TAKEN FROM BEST AVAILABLE RECORD INFORMATION BASED ON CONSTRUCTION UTILITY MAP DOCUMENTS OBTAINED FROM CITY & INDEPENDENT AGENCIES AND/OR ABOVE GROUND FIELD EVIDENCE. SHOWN POSITIONS MAY NOT REPRESENT AS-BUILT CONDITIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. NOTIFICATION OF THE UTILITY COMPANIES 48 HOURS IN ADVANCE OF CONSTRUCTION IS REQUIRED.

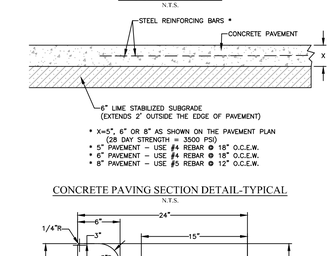
DIG TESS:	(800) 344-8377
ATMOS ENERGY:	(979) 774-2506
SUDDEN LINK COMMUNICATIONS:	(979) 595-2429
FRONTIER COMMUNICATIONS:	(979) 821-4783
WATER/SEWER CITY OF BRYAN:	(979) 209-5900
BTU:	(979) 821-5700
CITY OF BRYAN:	(979) 209-5900

4. THE CONTRACTOR SHALL SETUP A PRE-CONSTRUCTION MEETING WITH BTU PRIOR TO THE START OF ELECTRICAL INFRASTRUCTURE CONSTRUCTION.
5. THE CONSTRUCTION SHALL COMPLY WITH OSHA STANDARD 29 CFR PART 1926 SUBPART P FOR TRENCH SAFETY REQUIREMENTS.
6. BUILDING SETBACK SHALL BE IN ACCORDANCE WITH THE CITY OF BRYAN LAND AND SITE DEVELOPMENT ORDINANCE.
7. PROPOSED SIGNS SHALL BE PERMITTED SEPARATELY IN ACCORDANCE WITH THE SIGN ORDINANCE.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE WHATEVER MEANS NECESSARY TO MINIMIZE EROSION AND PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE. THIS INCLUDES THE INSTALLATION OF A CONSTRUCTION EXIT AND SILT FENCE AS NECESSARY.
9. THE CONTRACTOR IS REQUIRED TO MAINTAIN THE TPDES GENERAL PERMIT NO. TXR 150000 REQUIREMENTS FOR CONSTRUCTION SITES.
10. ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN DISTURBED BY CONSTRUCTION SHALL BE ADEQUATELY BLOCK SODDED OR HYDROMULCHED, AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOCK SOD WILL BE REQUIRED. BARED AREAS SHALL BE SEEDED OR SODDED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.
11. DRAINAGE INFORMATION AND DETAILS WILL BE PROVIDED ON THE DRAINAGE PLAN AND DRAINAGE REPORT.
12. LANDSCAPING AND IRRIGATION DESIGN & ANALYSIS WILL BE PROVIDED ON THE LANDSCAPE & IRRIGATION PLANS. THE IRRIGATION SYSTEM MUST BE APPROVED AND INSTALLED PRIOR TO CERTIFICATE OF OCCUPANT.
13. ALL RADII AND DISTANCES ARE MEASURED TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
14. ALL PAVEMENT SHALL BE PER TYPICAL PAVEMENT SECTION. REFER TO PAVEMENT PLAN FOR PAVEMENT DEPTHS.
15. DETENTION AND DRAINAGE FACILITIES SHALL BE CONSTRUCTED FIRST.
16. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THESE PLANS, DRAWINGS AND SPECIFICATIONS.
17. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH ALL STATE AND FEDERAL REGULATIONS REGARDING CONSTRUCTION ACTIVITIES NEAR ENERGIZED OVERHEAD POWER LINES.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES OR SERVICE LINES THAT ARE CROSSED OR EXPOSED DURING CONSTRUCTION OPERATIONS. WHERE EXISTING UTILITIES OR SERVICE LINES ARE CUT, BROKEN, OR DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE THE UTILITIES OR SERVICE LINE WITH THE SAME TYPE OF MATERIAL AND CONSTRUCTION OR BETTER. THIS MATERIAL AND WORK SHALL BE AT THE CONTRACTOR'S OWN EXPENSE.
19. A COPY OF THE APPROVED CONSTRUCTION PLANS MUST BE KEPT ON SITE AT ALL TIMES THROUGHOUT THE ENTIRE CONSTRUCTION OF THE PROJECT. CONTRACTOR SHALL MAINTAIN A SET OF REDLINE DRAWINGS, RECORDING AS-BUILT CONDITIONS DURING CONSTRUCTION.
20. ANY ADJACENT PROPERTY AND RIGHT-OF-WAY DISTURBED DURING CONSTRUCTION WILL BE RETURNED TO THEIR EXISTING CONDITION OR BETTER.
21. THE CONTRACTOR SHALL NOT CREATE A DIRT NUISANCE OR SAFETY HAZARD IN ANY STREET OR DRIVEWAY.
22. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.
23. THE CONTRACTOR SHALL PROTECT ALL MONUMENTS, IRON PINS, AND PROPERTY CORNERS DURING CONSTRUCTION.
24. THE IRRIGATION SYSTEM WILL BE PROTECTED BY EITHER A PRESSURE VACUUM BREAKER, A REDUCED PRESSURE PRINCIPLE BACK FLOW DEVICE, OR A DOUBLE-CHECK BACK FLOW DEVICE, AN INSTALLED AS PER CITY ORDINANCE 2394.
25. ALL BACK FLOW DEVICES WILL BE INSTALLED AND TESTED UPON INSTALLATION.
26. THE CONTRACTOR MAY OBTAIN AN ELECTRONIC COPY OF THESE PLANS FOR CONSTRUCTION PURPOSES. THE ELECTRONIC FILE AND INFORMATION GENERATED, BY SCHULTZ ENGINEERING, LLC (SE), FOR THIS PROJECT IS CONSIDERED BY SE TO BE CONFIDENTIAL. WHEN ISSUED, IT'S USE IS INTENDED SOLELY FOR THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. PERMISSION IS NOT GRANTED TO THE RECIPIENT FOR DISTRIBUTION OF THESE DOCUMENTS IN ANY FORM OR FASHION. THE RECIPIENT UNDERSTANDS THAT THIS DATA IS AUTHORIZED "AS IS" WITHOUT ANY WARRANTY AS TO IT PERFORMANCE, ACCURACY, FREEDOM FROM ERROR, OR AS TO ANY RESULTS GENERATED THROUGHOUT ITS USE. THE RECIPIENT ALSO UNDERSTANDS AND AGREES THAT SE, UPON RELEASE OF SUCH DATA, IS NO LONGER RESPONSIBLE FOR THEIR USE OR MODIFICATION. THE USER AND RECIPIENT OF THE ELECTRONIC DATA ACCEPTS FULL RESPONSIBILITY AND LIABILITY FOR ANY CONSEQUENCES ARISING OUT OF THEIR USE.
27. CURB DETAILS REFER TO BRYAN – COLLEGE STATION STANDARD STREET DETAILS SHEET (FIGURE: ST, SHEET 1 OF 2).
28. WHERE ELECTRICAL FACILITIES ARE INSTALLED, BTU HAS THE RIGHT TO INSTALL, OPERATE, RELOCATE, CONSTRUCT, RECONSTRUCT, ADD TO, MAINTAIN, INSPECT, PATROL, ENLARGE, REPAIR, REMOVE, AND REPLACE SAID FACILITIES UPON, OVER, UNDER, AND ACROSS THE PROPERTY INCLUDED IN THE PUE, AND THE RIGHT OF INGRESS AND EGRESS ON PROPERTY ADJACENT TO THE PUE TO ACCESS ELECTRICAL FACILITIES.



PVC SLEEVE DETAIL

N.T.S.



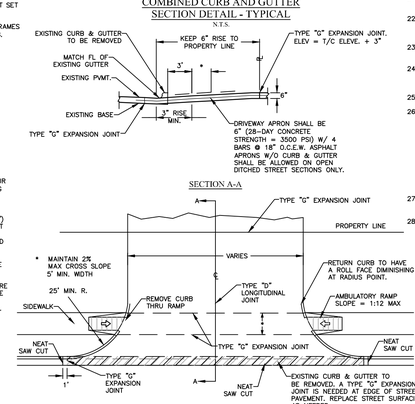
CONCRETE PAVING SECTION DETAIL-TYPICAL

N.T.S.

1. ALL FENCE ENCLOSURE SHALL MEET CITY & PROPERTY OWNER ASSOCIATION STANDARDS.
2. PICKETS SHALL BE 1 x 6 DOG EARED, STAINED LEADER ATTACHED WITH GALVANIZED SCREWS.
3. RAILS SHALL BE PRESSURE TREATED 2 x 4.
4. POST SHALL BE METAL POST SET IN 3,000 PSI CONCRETE.
5. GATE SHALL HAVE METAL FRAMES AND HAVE 12' MIN. OPENING.

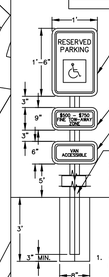
DUMPSTER ENCLOSURE DETAIL-SINGLE

N.T.S.



COMMERCIAL DRIVEWAY DETAIL

N.T.S.

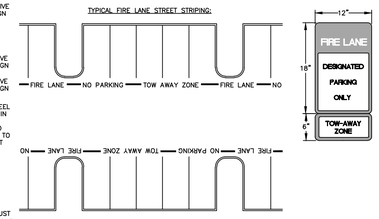


NOTES:

1. ALL CHARACTERS MUST BE 60" MINIMUM ABOVE GRADE OR SIDEWALK.

ADA SIGN DETAIL

N.T.S.



FIRE LANE MARKING NOTES:

1. SIGN SHALL COMPLY WITH THE CITY FIRE SERVICE STANDARDS.
2. ALL CURBS AND CURB ENDS SHALL BE PAINTED RED WITH FOUR INCH (4") WHITE LETTERING STATING "FIRE LANE – NO PARKING – TOW AWAY ZONE". WORDING MAY NOT BE SPACED MORE THAN FIFTEEN FEET APART.
3. A SIGN TWELVE INCHES (12") WIDE AND EIGHTEEN INCHES (18") IN HEIGHT SHALL BE MOUNTED IN A CONSPICUOUS LOCATION AT EACH ENTRANCE TO THE PROPERTY AND AT THE LOCATIONS SHOWN. SUCH SIGNS SHALL BE TWELVE INCHES (12") WIDE AND EIGHTEEN INCHES HIGH, WITH A COMPANION SIGN TWELVE INCHES (12") WIDE AND SIX INCHES (6") HIGH STATING "TOW-AWAY ZONE". SUCH SIGNS SHALL BE PAINTED ON A WHITE BACKGROUND WITH SYMBOLS, LETTER AND BORDER IN RED.
4. FROM THE POINT THE FIRE LANE BEGINS TO THE POINT THE FIRE LANE ENDS, INCLUDING BEHIND ALL PARKING SPACES, SHALL BE MARKED WITH ONE CONTINUOUS EIGHT INCH (8") RED STRIPE PAINTED ON THE DRIVE SURFACE BEHIND THE PARKING SPACES. ALL CURBING ADJOINING A FIRE LANE MUST BE PAINTED RED. RED STRIPES AND CURBS WILL CONTAIN THE WORDING "FIRE LANE–NO PARKING–TOW AWAY ZONE", PAINTED IN FOUR INCH (4") WHITE LETTERS. ("FIGURE A" IN ORDINANCE NO. 1630 ILLUSTRATES STRIPING ON DRIVE SURFACE BEHIND PARKING SPACES.)
5. TOW-AWAY ZONE SIGN SHALL BE 12" WIDE X 6" TALL PER TMUTCD R7-201d" SIGNAGE.

FIRE LANE STRIPING AND SIGNAGE DETAIL

N.T.S.

DREW'S CARWASH No. 7

2416 BOONVILLE RD

TOTAL DISTURBED AREA = 2.98 ACRES

COKER SUBDIVISION

BLOCK 1, LOTS 1-2 AND COMMON AREA

TOTAL AREA = 2.98

VOL. _____, PG. _____

JOHN AUSTIN LEAGUE SURVEY, ABSTRACT 2

BRYAN, BRAZOS COUNTY, TEXAS

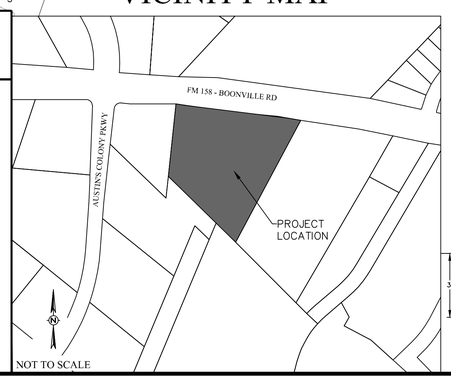
SCALE: 1"=40'

NOVEMBER 2023

OWNER/DEVELOPER:
DREW'S CAR WASH No. 7 LLC
1751 UNIVERSITY DRIVE EAST
COLLEGE STATION, TX 77840
(936) 520-4180

SURVEYOR:
KERR SURVEYING, LLC
409 N. TEXAS AVENUE
BRYAN, TX 77803
(979) 268-3195

ENGINEER:
SCHULTZ ENGINEERING, LLC.
PO BOX 11995
COLLEGE STATION, TX 77842
(979)764-3900



NOT TO SCALE

MARK	REVISION	BY	DATE

SCHULTZ Engineering, LLC
911 Southwest Pkwy E.
College Station, Texas 77840
979.764.3900
TBPE FIRM NO. 12327

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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DEVEN L. DOYEN, P.E., LICENSE NO. 109835 NOVEMBER 22, 2023

ISSUED FOR REVIEW

SURVEYED	DESIGNED	DRAWN	APPROVED	JOB NO.	DATE
KERR	DLD	DLD	JPS	23-090	NOVEMBER 2023

STATE OF TEXAS
DEVEN L. DOYEN
109835
LICENSED PROFESSIONAL ENGINEER
11/22/2023

DREW'S CARWASH NO. 7
COKER SUBDIVISON, BLOCK 1, LOT 1
BRYAN, TEXAS

SITE PLAN

SCALE	
VERTICAL	N/A
HORIZONTAL	1"=40'
PLOTTING SCALE:	1:1
FILE NAME:	23-090

SHEET

C1