

# RAISING CANE'S

## CONTACT INFORMATION

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PHONE: 931-993-5258

## 23115 I-30 CITY OF BRYANT, SALINE COUNTY, ARKANSAS



VICINITY MAP

N.T.S.

## INDEX OF SHEETS

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C-8.0	CONSTRUCTION DETAILS



\*\*\* STOP! CALL BEFORE YOU DIG! \*\*\*  
AS REQUIRED BY "THE TEXAS UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT" TEXAS 811 MUST BE CONTACTED AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION OPERATIONS. BENCH MARK DESIGN GROUP IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS 811 AND ALL OTHER LOCATE COMPANIES PRIOR TO EXCAVATION ACTIVITIES.

## NOTICE TO CONTRACTORS

- These plans are subject to review and approval by all jurisdictions having jurisdiction.
- Contractor shall appropriately notify all relevant entities prior to digging on this project.
- The contractor shall notify the engineer, in writing, of any errors or discrepancies discovered in the construction documents immediately.
- The topographic information shown herein is a reflection of the information provided by the engineer. If the contractor discovers any errors in said information, he shall notify the engineer, in writing, immediately. The engineer and owner shall be informed of any problems and/or associated costs resulting from lack of notification.
- The contractor shall be responsible for confirming the horizontal and vertical location of buried utilities and structures, including, but not limited to the following:

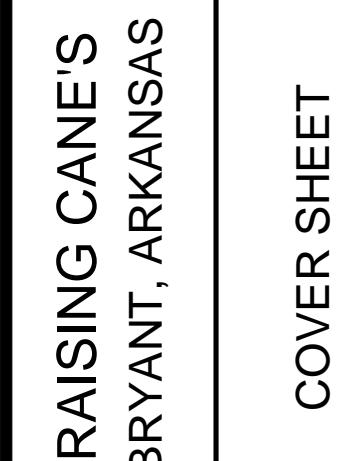
Telephone cable      Conduits      Pipes  
Stormsewer lines      Water lines      Gas lines  
Television cables      Sanitary Sewer lines  
Sewer lines      Oil Production lines

No part of this document, or any portion thereof, that which is shown on the plans and conditions present in the field, the contractor shall notify the engineer, in writing immediately. Failure to do so shall absolve owner and engineer of liability and associated costs.

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2301 THREE LAKES PARKWAY TYLER TEXAS 75703-1903 903-534-5353 FIRM NUMBER F-7814 - WWW.BENCHMARK-ENGINEERS.COM



B BENCHMARK  
DESIGN GROUP  
CIVIL / ENVIRONMENTAL / PLANNERS

DRAWN BY: RWD

CHECKED BY: ELS

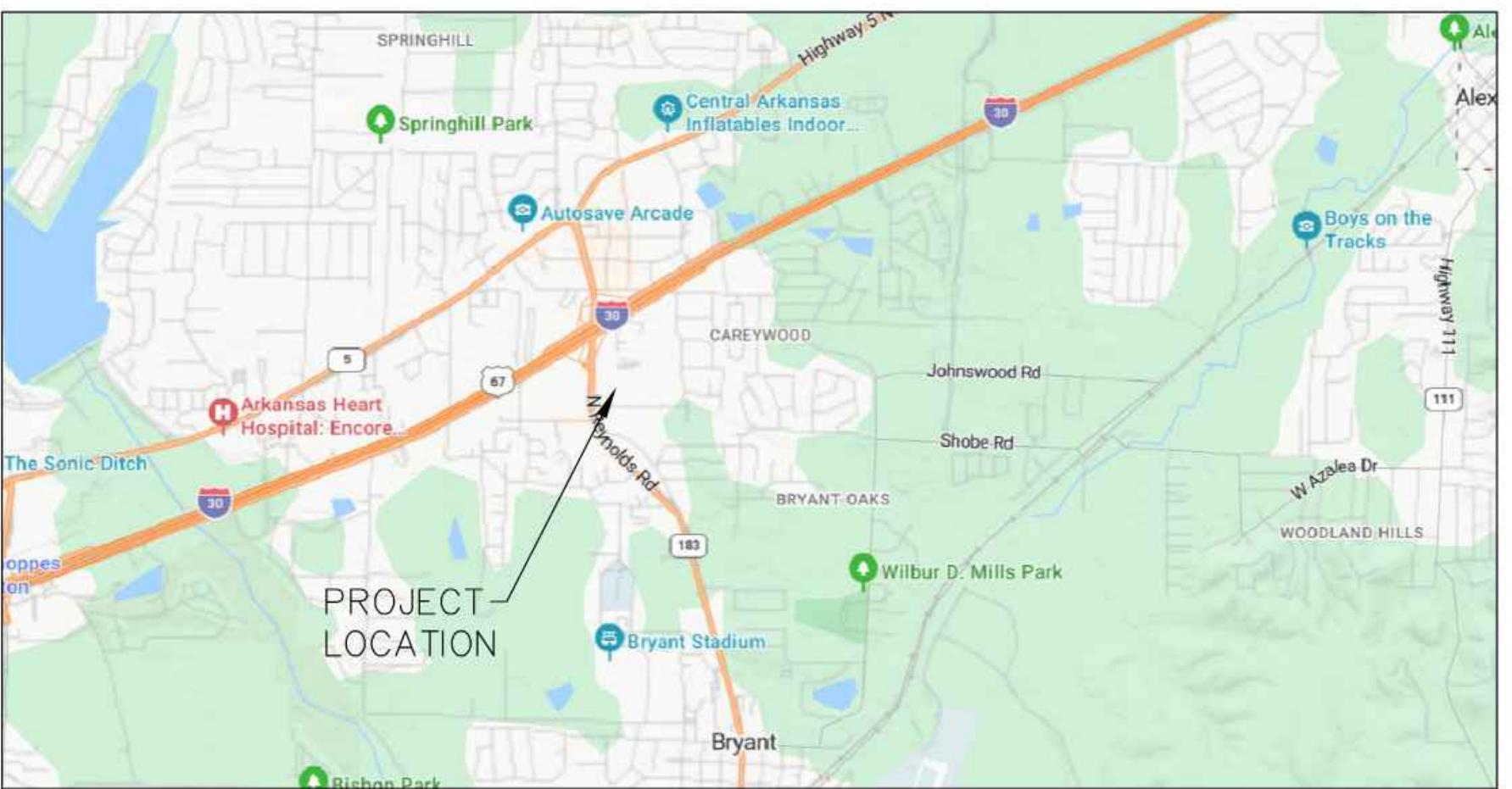
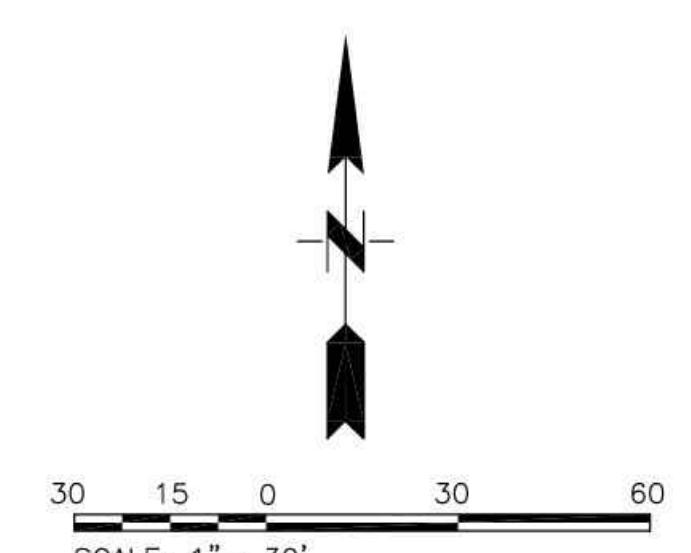
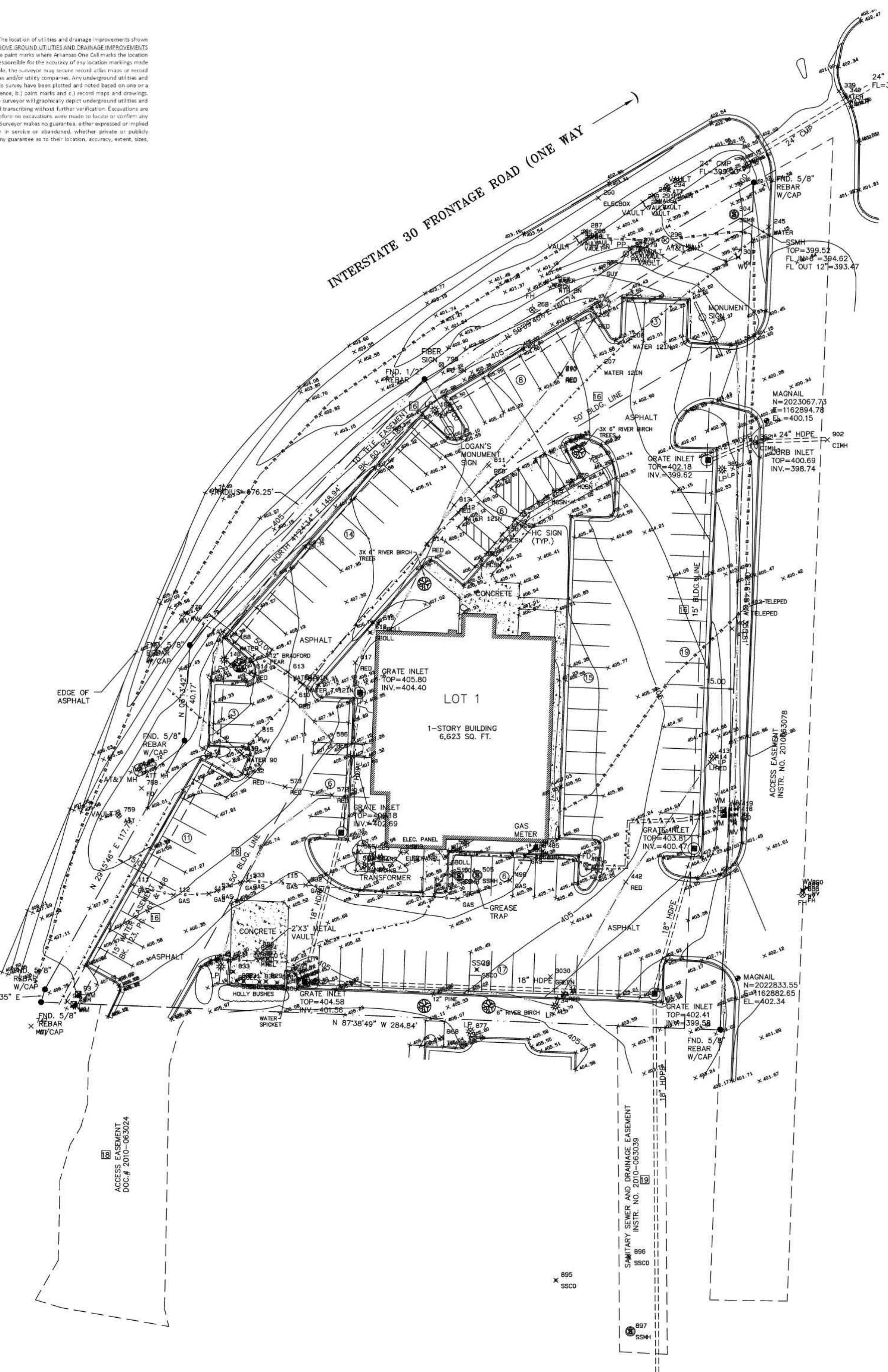
DATE: JANUARY 2026

JOB NO: 2025.047

SHEET NO.

C-1.0

**SUBSURFACE IMPROVEMENTS DISCLAIMER:** The location of trees and drainage improvements shown on this plat or drawing is limited to **VISIBLE ABOVE GROUND UTILITIES AND DRAINSAGE IMPROVEMENTS ONLY**. The surveyor, will when available, locate paint marks where deacons One Call marks the location of utility lines. The surveyor will when available, locate utility lines where deacons One Call marks the location of utility lines. The surveyor may venture record utility marks or record drawings if ready available from municipalities and utility companies. Any underground utility and drainage improvement is not shown on this plat or drawing. The surveyor will not record any utility or drainage improvement unless it is visible above ground. The surveyor will not record any utility or drainage improvement unless it is a combination of the following: a) visible evidence, b) paint marks and c) record maps and drawings. When utilizing record maps and drawings, the surveyor will graphically depict underground utility and drainage improvement as shown on record maps and drawings. Subsurface improvements are not in the scope of the surveyor's work, therefore no excavations were made to locate or confirm any subsurface conditions or improvements. The surveyor makes no guarantee, either expressed or implied, that any utility or drainage lines, either in service or abandoned, whether private or publicly owned, are fully shown, nor does he make any guarantee as to their location, location, extent, type, types, depths, condition or capacity.



VICINITY MAP/N.T.S.

Title Commitment File No. 6-90038-JC having an Effective Date and Time of: April 23, 2025, 8:00 a.m.

Schedule B – Section II Exceptions:

16. Reservations, restrictions, dedications, easements, right-of-way and setback lines as may be shown on the plat of said Logan's Roadhouse, an addition to the City of Bryant, Arkansas, recorded as Instrument #2010-55439 in the official records of the Saline County Circuit Clerk. **As shown on survey.** References final plat of Lot 1, Logan's Roadhouse Addition.
17. Subject to the Right Of Way in favor of the City of Bryant, recorded on March 18, 2002 as Instrument #2002-19846 in the official records of the Saline County Circuit Clerk.
18. Subject to the Access Easement Agreement between Coco Bryant Holdings, LLC and Logan's Roadhouse, Inc., recorded on August 6, 2010 as Instrument #2010-063024 in the official records of the Saline County Circuit Clerk. **As shown on survey.**
19. Subject to the Sewer Easement Agreement between Coco Bryant Holdings, LLC and Logan's Roadhouse, Inc., recorded on August 6, 2010 as Instrument #2010-063039 in the official records of the Saline County Circuit Clerk. **As shown on survey.**
20. Subject to the Easement, Covenants, Conditions and Restrictions, recorded on October 21, 2005 as Instrument #2005-116451, as affected by the First Amendment recorded as Instrument #2007-019196, the Second Amendment recorded as Instrument #2015-004777, and the Third Amendment recorded as Instrument #2020-025579, in the official records of the Saline County Circuit Clerk. **Not plottable.** 10' easement as waterline was constructed.

**GENERAL NOTES**

1. No encroachments were observed.
2. There was no apparent evidence observed of current earth moving work, building construction or building additions.
3. There was no apparent evidence observed of recent changes in street right-of-way lines or of street sidewalk construction or repairs.
4. There was no apparent evidence observed of site use as a solid waste dump, dump or sanitary landfill.

**UTILITY SERVICE PROVIDERS**

1. Water: City of Bryant
2. Sanitary Sewer: City of Bryant
3. Electricity: Entergy of Arkansas
4. Natural Gas: Centerpoint Energy
5. Telephone: AT&T
6. CATV: Comcast

**ZONING CLASSIFICATION**

**Zoned C-2 Highway Commercial**  
Setback requirements: Front Yard: 50 feet  
Side Yard: 15 feet  
Rear Yard: 0 feet  
Maximum Bldg. Height: 45 feet

**PARKING SPACES**

Regular Spaces= 102  
Handicap Spaces= 5  
Total Spaces = 107

**FLOOD STATEMENT**

No portion of the subject properties lies within a flood zone as shown on the Flood Insurance Rate Map Community Panel Number 05125C0380E, having an effective date of June 5, 2020, as published by the Federal Emergency Management Agency (FEMA).

**CERTIFICATION**

To: KASASA, L.L.C., a Louisiana limited liability company, and Stuart Title Guaranty Company. This is to certify that this plat and the survey on which it is based were made in accordance with the 2021 Minimum Standards Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 3, 4, 5, 6(a), 8, 9, 11, 13, 16, 17, 18, and 20 of Table A thereof. The field work was completed on November 10, 2025.

*Wm. Allen Smith*  
Wm. Allen Smith, Professional Surveyor #1095 (Arkansas)

11-12-2025  
DATE

**PROPERTY DESCRIPTION**

Lot 1, Logan's Roadhouse, an addition to the City of Bryant, Arkansas.

Designed	WAS
Checked	SDG
Drawn	SDG
Approved	WAS
Date	Notes
By	

Designed	WAS
Checked	SDG
Drawn	SDG
Approved	WAS
Date	Notes
By	



**SMITH AND GOODSON**  
PLLC  
CIVIL ENGINEERING AND LAND SURVEYING  
7509 CANTRELL ROAD, SUITE 227  
LITTLE ROCK, ARKANSAS 72207  
501-414-8498

ALTA/NSPS LAND TITLE SURVEY

FOR THE USE AND BENEFIT OF:  
KASASA, LLC  
&  
Stuart Title Guaranty Company

Job: 25-089  
Scale: 1"=30'  
Date: 11-12-2025  
Sheet: 1-1

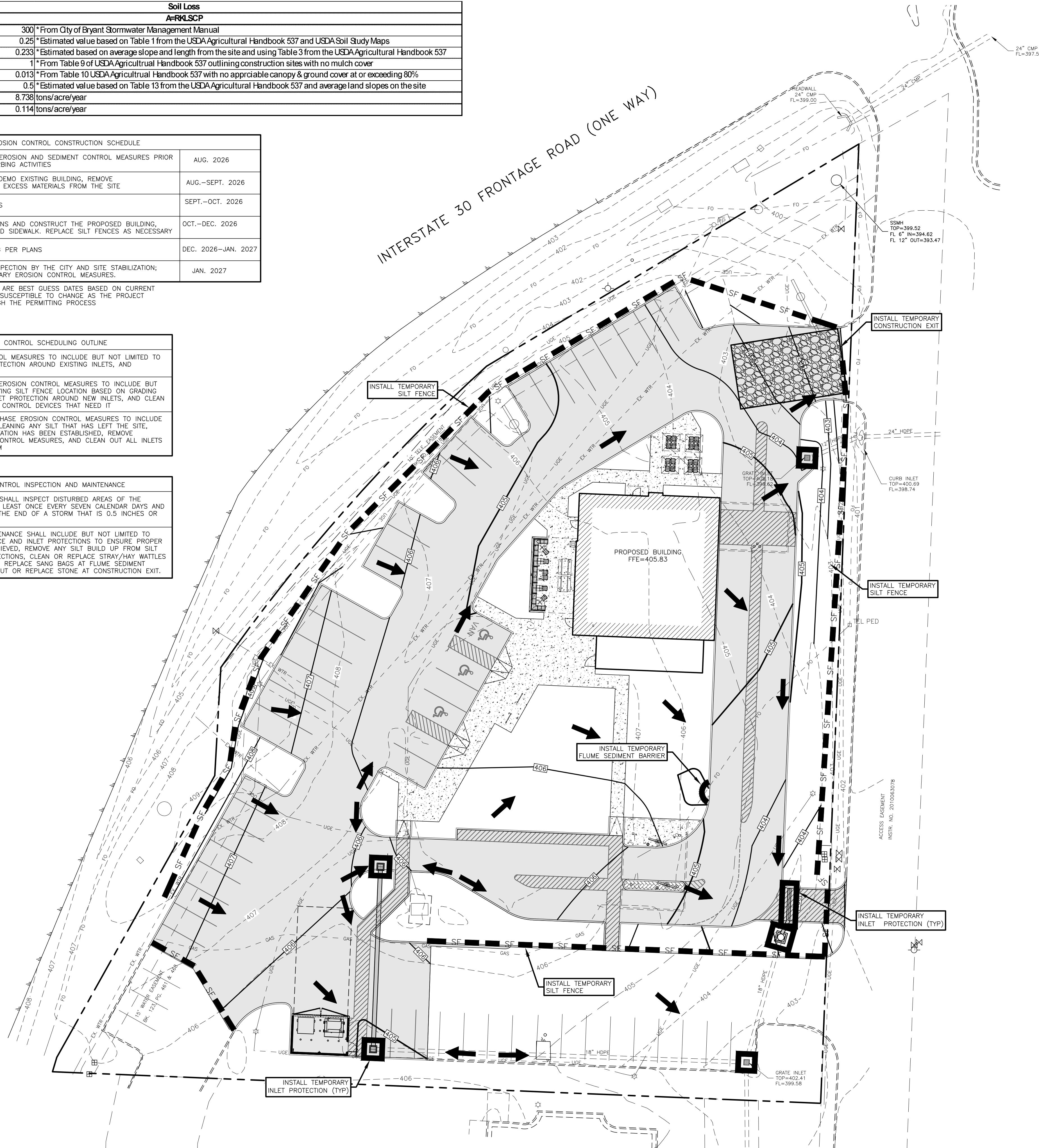
<b>Soil Loss</b>	
<b>A=RKLSCP</b>	
R	300 * From City of Bryant Stormwater Management Manual
K	0.25 * Estimated value based on Table 1 from the USDA Agricultural Handbook 537 and USDA Soil Study Maps
LS	0.233 * Estimated based on average slope and length from the site and using Table 3 from the USDA Agricultural Handbook 537
C(During Construction)	1 * From Table 9 of USDA Agricultural Handbook 537 outlining construction sites with no mulch cover
C(Post Construction)	0.013 * From Table 10 USDA Agricultural Handbook 537 with no appreciable canopy & ground cover at or exceeding 80%
P	0.5 * Estimated value based on Table 13 from the USDA Agricultural Handbook 537 and average land slopes on the site
<b>A(During Construction)=</b>	<b>8.738 tons/acre/year</b>
<b>A(Post Construction)=</b>	<b>0.114 tons/acre/year</b>

EROSION CONTROL CONSTRUCTION SCHEDULE		
1	INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY LAND DISTURBING ACTIVITIES	AUG. 2026
2	CONTRACTOR SHALL DEMO EXISTING BUILDING, REMOVE PAVEMENT AND HAUL EXCESS MATERIALS FROM THE SITE	AUG.–SEPT. 2026
3	INSTALL SITE UTILITIES	SEPT.–OCT. 2026
4	GRADE SITE PER PLANS AND CONSTRUCT THE PROPOSED BUILDING, CURB, PAVEMENT, AND SIDEWALK. REPLACE SILT FENCES AS NECESSARY	OCT.–DEC. 2026
5	INSTALL LANDSCAPING PER PLANS	DEC. 2026–JAN. 2027
6	FOLLOWING FINAL INSPECTION BY THE CITY AND SITE STABILIZATION; REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.	JAN. 2027

\*DATES LISTED HERE ARE BEST GUESS DATES BASED ON CURRENT SCHEDULE AND ARE SUSCEPTIBLE TO CHANGE AS THE PROJECT PROGRESSES THROUGH THE PERMITTING PROCESS

EROSION CONTROL SCHEDULING OUTLINE
INITIAL EROSION CONTROL MEASURES TO INCLUDE BUT NOT LIMITED TO SILT FENCE, INLET PROTECTION AROUND EXISTING INLETS, AND CONSTRUCTION EXIT
CONSTRUCTION PHASE EROSION CONTROL MEASURES TO INCLUDE BUT NOT LIMITED TO MODIFYING SILT FENCE LOCATION BASED ON GRADING ACTIVITIES, INSTALL INLET PROTECTION AROUND NEW INLETS, AND CLEAN ANY AND ALL EROSION CONTROL DEVICES THAT NEED IT
POST-CONSTRUCTION PHASE EROSION CONTROL MEASURES TO INCLUDE BUT NOT LIMITED TO CLEANING ANY SILT THAT HAS LEFT THE SITE, ENSURE PROPER VEGETATION HAS BEEN ESTABLISHED, REMOVE TEMPORARY EROSION CONTROL MEASURES, AND CLEAN OUT ALL INLETS THAT HAS SILT IN THEM

EROSION CONTROL INSPECTION AND MAINTENANCE
QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER
INSPECTION AND MAINTENANCE SHALL INCLUDE BUT NOT LIMITED TO WALKING ALL SILT FENCE AND INLET PROTECTIONS TO ENSURE PROPER INSTALLATION STILL ACHIEVED, REMOVE ANY SILT BUILD UP FROM SILT FENCE OR INLET PROTECTIONS, CLEAN OR REPLACE STRAY/HAY WATTLES IF CLOGGED, CLEAN OR REPLACE SANG BAGS AT FLUME SEDIMENT BARRIER, AND CLEAN OUT OR REPLACE STONE AT CONSTRUCTION EXIT.



**NOTE:**

1. DUE TO CONTRACTOR SEQUENCING OPERATIONS, THE LOCATION OF EROSION CONTROL MEASURES AS SHOWN ON THIS SHEET ARE TO BE USED AS A GUIDELINE ONLY. IT SHALL BE UNDERSTOOD THAT THIS SHEET IS PART OF A LARGER PROCESS OF PREVENTING SEDIMENTATION FROM LEAVING THE SITE. THIS PROCESS IS TO BE DYNAMIC IN NATURE AND THEREFORE THE CONTRACTOR SHALL LOCATE SILT FENCE, ROCK BERMS, CONSTRUCTION EXITS, SEDIMENT PONDS, ETC. AS NEEDED TO FACILITATE THE CURRENT OPERATIONS OF CONSTRUCTION OF THE PROJECT. RELOCATION OF EROSION CONTROL MEASURES SHALL BE NOTED ON THIS SHEET AND SIGNED AND DATED BY THE CONTRACTOR IN ACCORDANCE WITH ADEQ GENERAL PERMIT.

2. REGARDLESS OF WHAT THIS SWPPP SITE PLAN SHOWS, THE OPERATOR IS RESPONSIBLE FOR FULLY COMPLYING WITH THE ADEQ GENERAL PERMIT TO THE FULLEST EXTENT. IF CONTRACTOR HAS ANY QUESTIONS, HE SHALL CONTACT ADEQ OR ENGINEER TO OBTAIN PERMIT CLARIFICATION. ANY AND ALL ADDITIONAL EROSION CONTROL MEASURES REQUIRED TO ENSURE COMPLIANCE WITH ADEQ GENERAL PERMIT SHALL BE IMPLEMENTED BY THE CONTRACTOR.

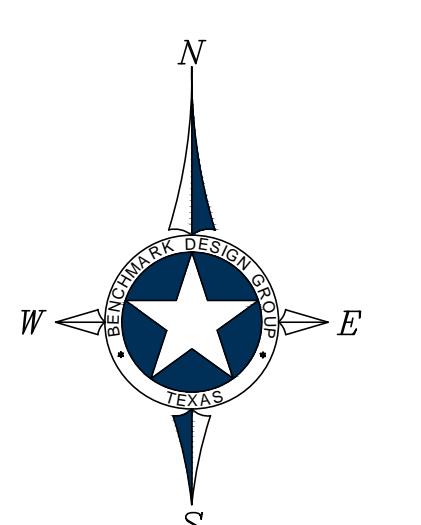
3. THE CONTRACTOR SHALL ADHERE TO THE SCHEDULE OF INSPECTIONS AS PROVIDED IN PART III, SECTION F OF THE ADEQ GENERAL PERMIT.

### EROSION CONTROL NOTES:

1. ALL WASH WATER SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN WASH WATER POLLUTANTS AND STORM RUNOFF DISCHARGED FROM THIS SITE.
2. OIL AND GREASE ABSORBING MATERIALS SHALL BE READILY AVAILABLE ON-SITE AND SHALL BE PROMPTLY USED TO CONTAIN AND/OR CLEAN UP ALL FUEL OR CHEMICAL SPILLS OR LEAKS.
3. DUST CONTROL SHALL BE ACCOMPLISHED BY WATERING DRY, EXPOSED AREAS ON A REGULAR BASIS. SPRAYING OF PETROLEUM BASED OR TOXIC LIQUIDS FOR THIS IS PROHIBITED.
4. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR AT LEAST FOURTEEN DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
5. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED SHALL BE PERMANENTLY SEEDED WITHIN SEVEN DAYS PER LANDSCAPING AND/OR OWNER'S REQUIREMENTS.
6. ALL VEHICLES SHALL BE CLEANED AT THE CONSTRUCTION EXIT POINTS ACCORDING TO NOTES SHOWN ON THE DETAIL THEREOF.
7. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED ONTO ADJACENT ROADWAYS BY VEHICLES EXITING THE SITE SHALL BE CLEANED OR REMOVED IMMEDIATELY.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPT REMOVAL OF ALL ACCUMULATED SILT IN THE STORM SEWER SYSTEM AND ALONG SILT FENCES.
9. SILT FENCES SHALL BE PLACED AROUND ANY STOCKPILES USED ON THIS SITE.
10. ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED TO ENSURE COMPLIANCE WITH TCEQ. STORMWATER POLLUTION REGULATIONS SHALL BE IMPLEMENTED BY THE CONTRACTOR, AT NO ADDITIONAL EXPENSE TO THE OWNER.
11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE WITHIN THIRTY DAYS AFTER STABILIZATION OF ALL SURFACES.
12. THE CONTRACTOR SHALL ASSUME LIABILITY FOR DAMAGE TO ADJACENT PROPERTIES AND/OR PUBLIC RIGHT-OF-WAY RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL PROCEDURES AS REQUIRED BY THE TCEQ TPDES PERMIT.
13. WHENEVER DIRT, ROCK, OR OTHER MATERIALS ARE EXPORTED FOR USE OFF OF THE PRIMARY CONSTRUCTION SITE, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THAT TCEQ STORM WATER PERMITTING REQUIREMENTS ARE MET. PRIOR TO ANY EXPORT OF MATERIALS, THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH A WRITTEN AGREEMENT WITH ANY LANDOWNER WHO WILL RECEIVE THE EXPORTED MATERIALS, STATING THAT THE SITE WILL BE PROPERLY PERMITTED WHEN REQUIRED AND DESCRIBE THE EROSION CONTROL MEASURES WHICH WILL BE USED. AT A MINIMUM, EROSION CONTROL MEASURES MUST CONSIST OF PERIMETER CONTROLS (HAY BALES OR SILT FENCES) ON ALL DOWNSLOPES AND SIDESLOPE BOUNDARIES OF ANY DISTURBED AREA, PLUS PROVISIONS FOR REVEGETATION AFTER THE FILL MATERIALS ARE IN PLACE.
14. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES UNTIL SITE HAS BEEN STABILIZED.
15. DOUBLE SILT FENCE ROWS TO BE MIN. 6' APART.
16. EROSION CONTROL PLANS ARE LIVING DOCUMENTS. FIELD CHANGES MUST OCCUR AS CONSTRUCTION CONDITIONS CHANGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL EROSION PROTECTION REQUIREMENTS.
17. EXISTING VEGETATION NOW BEING DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE PROTECTED AND PRESERVED.
18. THE SWPPP PLAN IS SUBJECT TO CHANGE BASED ON CURRENT SITE CONDITIONS. ADDITIONAL MEASURES MAY BE NEEDED TO MITIGATE ILLICIT DISCHARGES OF SEDIMENT AND/OR DEBRIS FROM THE SITE. SEE SECTION 1100 OF THE BRYANT STORMWATER MANAGEMENT MANUAL TO SEE OTHER DEVICES RECOMMENDED.
19. INSTALL SUPPLEMENTAL MEASURES AS NEEDED TO CONTAIN RUNOFF.

## LEGEND

TEL PED □	EXISTING TELEPHONE PEDESTAL
C.O.O	EXISTING CLEANOUT
WV ☒	EXISTING WATER VALVE
WM ☷	EXISTING WATER METER
MH ○	EXISTING SAN. SEWER MANHOLE
PP -○-	EXISTING POWER POLE
FH -○-	EXISTING FIRE HYDRANT
— — — OHE — — —	EXISTING OVERHEAD ELECTRIC LINE
— — — EX. WTR — — —	EXISTING WATER LINE
— — — EX. SS — — —	EXISTING SAN. SEWER LINE
— — — PROPERTY LINE — — —	PROPERTY LINE
— — — 534 — — —	EXISTING 1' CONTOUR
— — — 535 — — —	EXISTING 5' CONTOUR
— — — 534 — — —	PROPOSED 1' CONTOUR
— — — 535 — — —	PROPOSED 5' CONTOUR
	PROPOSED DRAINAGE PATTERN
	PROPOSED SILT FENCE



## GRAPHIC SCALE



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The topographic information shown hereon is a reflection of the information provided by

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Stormsewer lines	Water lines	Gas lines
Television cables	Sanitary Sewer lines	Oil Production lines
Saltwater lines		

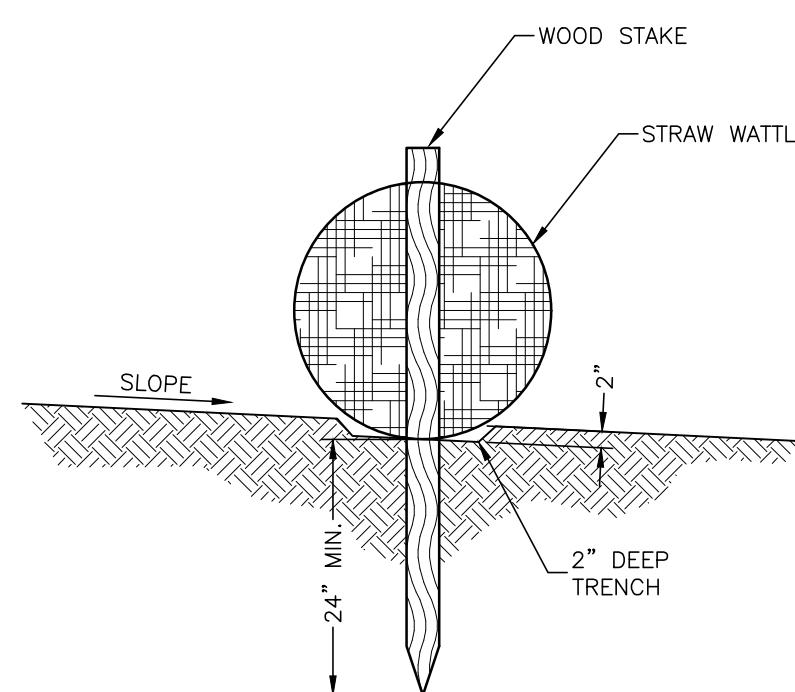
**BENCHMARK**  
DESIGN GROUP

DRAWN BY: *RWD*

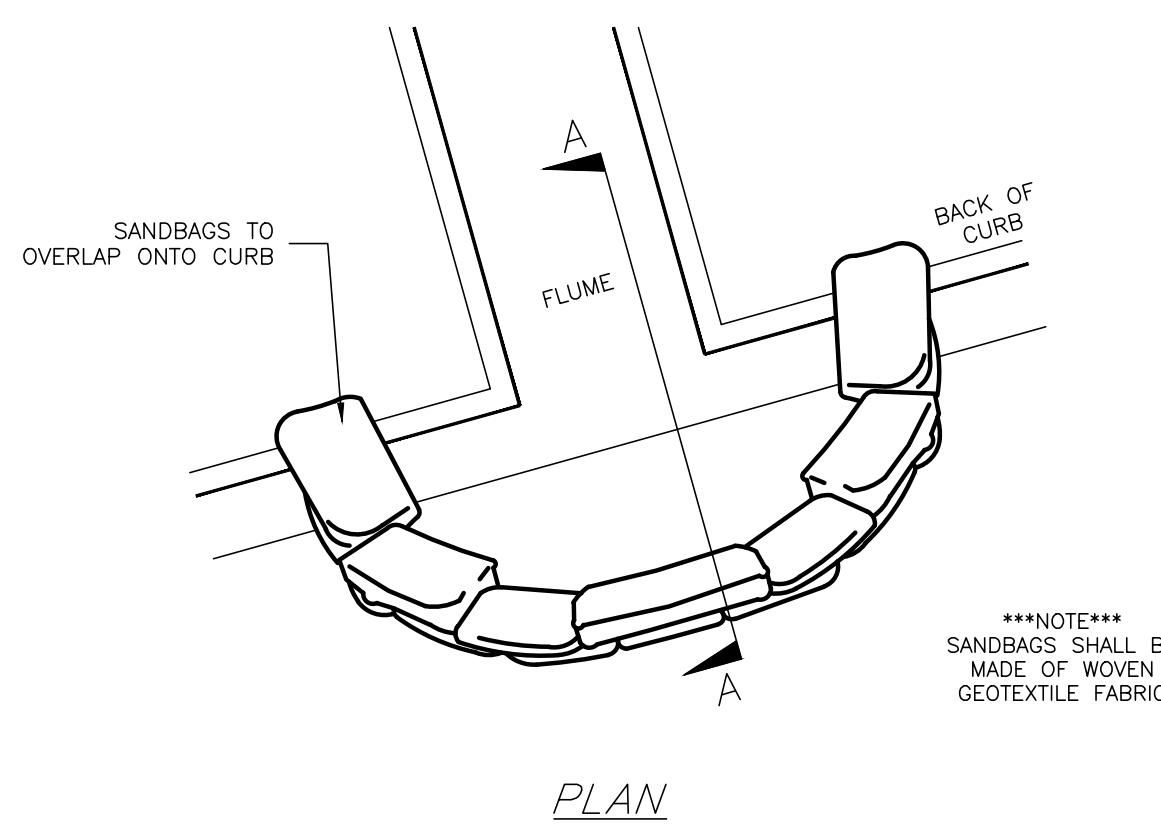
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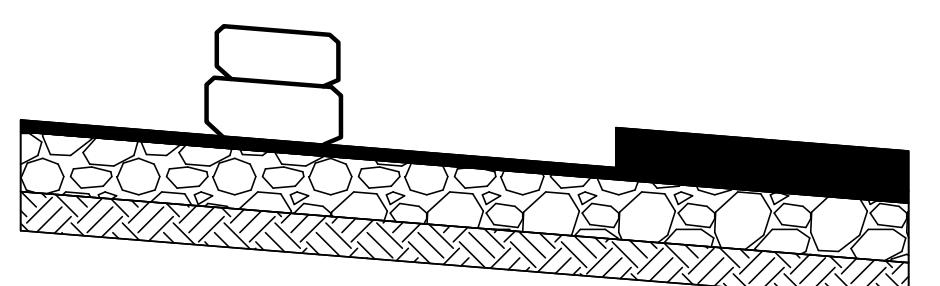
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**STRAW WATTLE DETAIL**  
N.T.S.

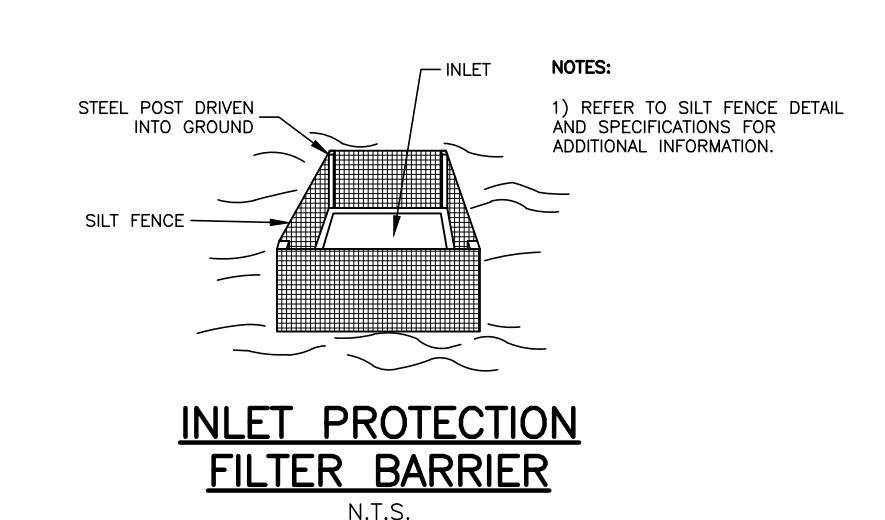


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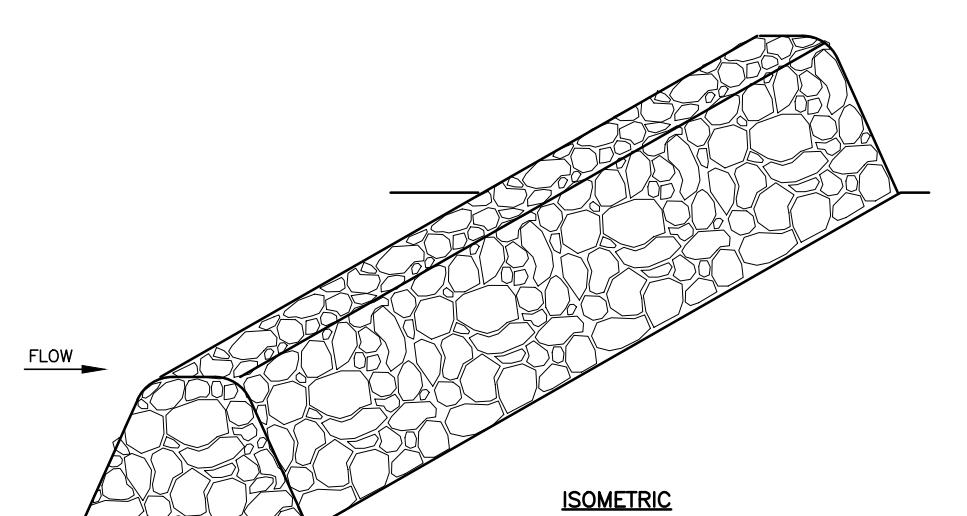


*SECTION 'A-A'*

**FLUME SEDIMENT BARRIER**  
N.T.S.

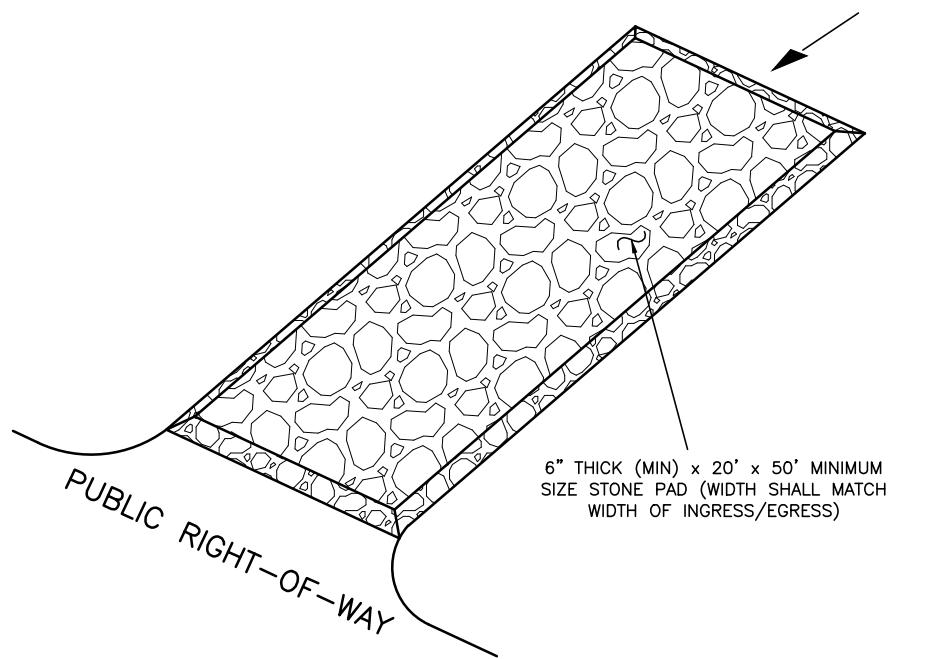


**INLET PROTECTION  
FILTER BARRIER**  
N.T.S.



**ROCK BERM DETAILS**

1. USE ONLY OPEN-GRADED ROCK, WITH MOST OF THE FINES REMOVED.
2. STONE SHALL BE CRUSHED, MIN. 3" DIAMETER, MAX. 1 CU. FT. IN VOLUME.
3. THE ROCK BERM SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF 4 INCHES.
4. INSPECT ROCK BERM FOR STABILITY AND STRENGTH. REMOVE IF IT FAILS TO SERVE ITS PURPOSE DUE TO SILT ACCUMULATION, WASHOUT OR DAMAGE.
5. REMOVE SITE WHEN IT REACHES A DEPTH OF 12 INCHES, OR ONE-THIRD OF THE HEIGHT OF THE ROCK BERM, OR ONE-FIFTH OF THE LENGTH OF THE ROCK BERM.
6. REMOVE BERM ONLY WHEN SITE IS COMPLETELY STABILIZED.



**TEMPORARY CONSTRUCTION  
EXIT POINT DETAIL**

CONSTRUCTION NOTES:		
1) GRADATION OF ROCK	SIZE OF ROCK LBS.	% SMALLER BY WEIGHT
	200	100
	50	30-55
	3	0

- 2) THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE DRESSING WITH ADDITIONAL STONE AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- 3) WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY. WASHING SHALL BE DONE ON AN AREA STABILIZED BY ROCK, GRAVEL, OR OTHER APPROVED MATERIALS. DO NOT CONTROLLING STRUCTURE. USE SAND BAGS, GRAVEL BOARDS OR OTHER APPROVED METHODS TO PREVENT SEDIMENT FROM ENTERING ANY STORM DRAIN, DITCH, OR WATER COURSE.
- 4) ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 5) ROCK SIZE SHALL BE A MINIMUM OF 2-INCH WITH NO FINES AND A MINIMUM OF 6" DEEP.

TABLE 1100-1 Silt Fence Slope Criteria	
Source: Knoxville BMP Manual - Erosion & Sediment	
Land Slope	Maximum Slope Length
Less than 2%	75 feet
From 2 to 5%	50 feet
From 5 to 10%	50 feet
From 10 to 20%	25 feet
More than 20%	15 feet

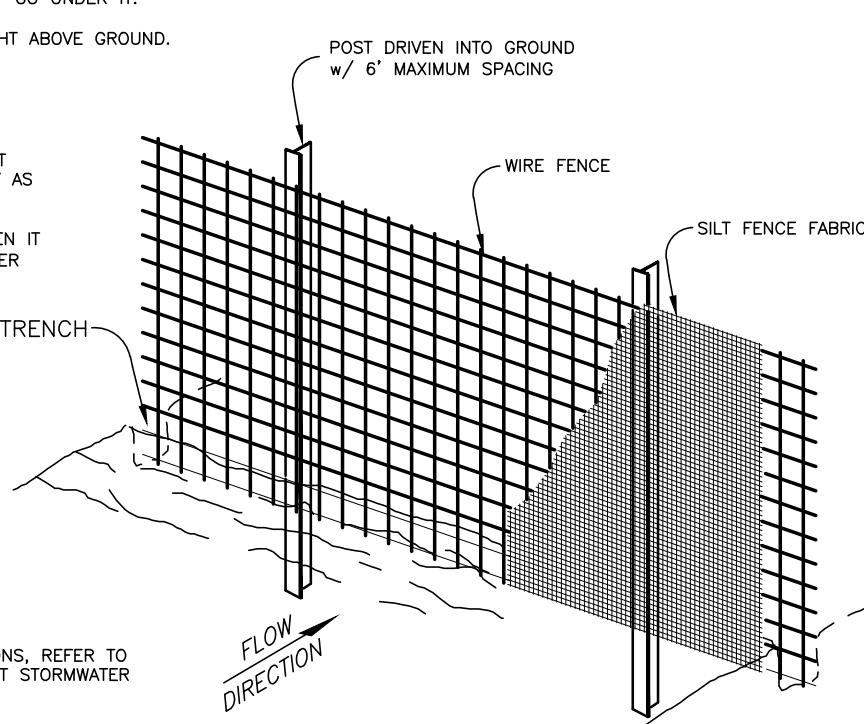
1. Burlap shall be 10 ounces per square yard fabric.
2. Posts for silt fences shall be either 4x6 inch diameter wood or 1.33 pounds per linear foot steel with a minimum length of 6 feet. Steel posts shall have notches for fastening wire to them.
3. Silt fence reinforcement shall be 42 gauge steel or equivalent metal with a minimum length of 3 feet.
4. Wire fence reinforcement for silt fence using standard strength filter cloth shall have a maximum height of 42 inches or 14 gauge and shall have a maximum mesh spacing of 6 inches.
5. The silt fence fabric shall meet the specifications in Table 1100-2. Type W fabric is a non-supported fence. Type NW fabric is a fence that is used in a non-supported fence. Filter fabric may be manufactured from polyester, polypropylene or polyamide and shall be resistant to ultraviolet degradation, mildew or rot. The edges of woven fabric shall be sealed or salvaged to prevent raveling.

TABLE 1100-2 Silt Fence Fabric Criteria		
Fabric Properties	Minimum Acceptable Value	Test Method
Tensile Strength, lb	100	90 ASTM D4632
Elongation at Yield, %	10-40	100 Max ASTM D4632
Trapezoidal Tear, lb	50	35 ASTM D4532
Permeability, 1/sec	0.1	1.0 ASTM D4491
Apparent Opening Size	20-50	50-80 ASTM D4755
Uniaxial Stability, %	80	80 ASTM D4355

- 1) DRIVE POST INTO GROUND AND EXCAVATE A 6"x6" TRENCH UPHILL ALONG THE LINE OF POST.
- 2) ATTACH WIRE FENCE TO THE POST AND EXTEND BOTTOM OF FENCE 6" INTO THE EXCAVATED TRENCH.
- 3) ATTACH THE SILT FABRIC TO THE WIRE FENCE AND EXTEND THE BOTTOM OF THE FABRIC 6" INTO THE TRENCH.
- 4) BACKFILL THE TRENCH WITH SOIL & COMPACT OR PLACE ROCK BERM. THE BOTTOM OF THE FENCE MUST BE ANCHORED SO THAT RUNOFF IS FORCED THROUGH THE FENCE AND CAN NOT GO UNDER IT.
- 5) SILT FENCE SHALL NOT EXCEED 3' IN HEIGHT ABOVE GROUND.

**INSPECTION & MAINTENANCE:**

- 1) INSPECTION OF FENCES SHALL BE FREQUENT AND REPAIR OR REPLACEMENT MADE PROMPTLY AS NEEDED.
- 2) ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6" AND DISPOSED OF PER OWNER/ENGINEER.



**SILT FENCE DETAIL**

NOTES:  
1) FOR ANY DISCREPANCIES OR QUESTIONS, REFER TO SECTION 1105.2 OF THE CITY OF BRYANT STORMWATER MANAGEMENT MANUAL

**RAISING CANE'S  
BRYANT, ARKANSAS**

**BENCHMARK  
DESIGN GROUP**

CIVIL / ENVIRONMENTAL PLANNERS

DRAWN BY: RWD

CHECKED BY: ELS

DATE: JANUARY 2026

JOB NO: 2025.047

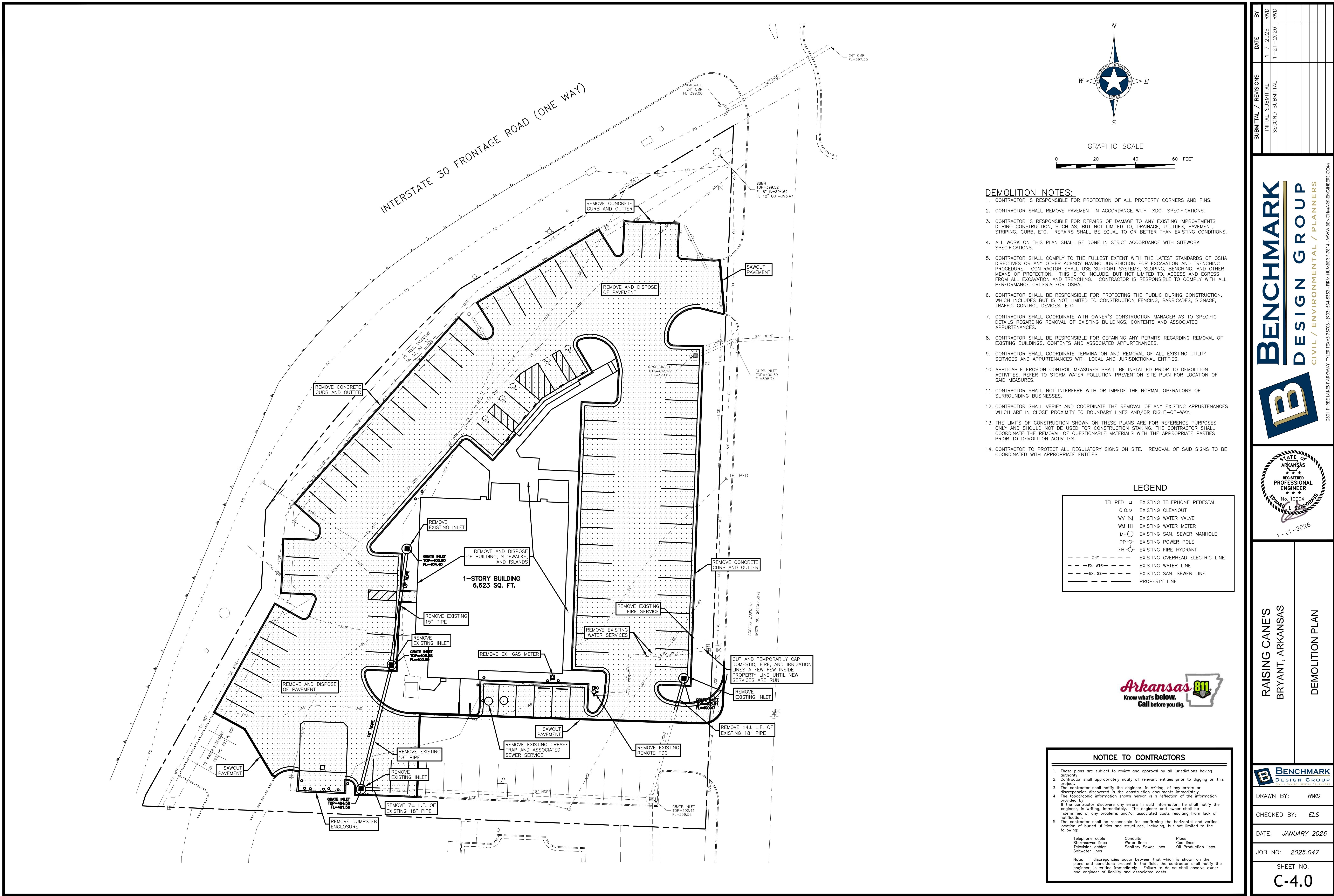
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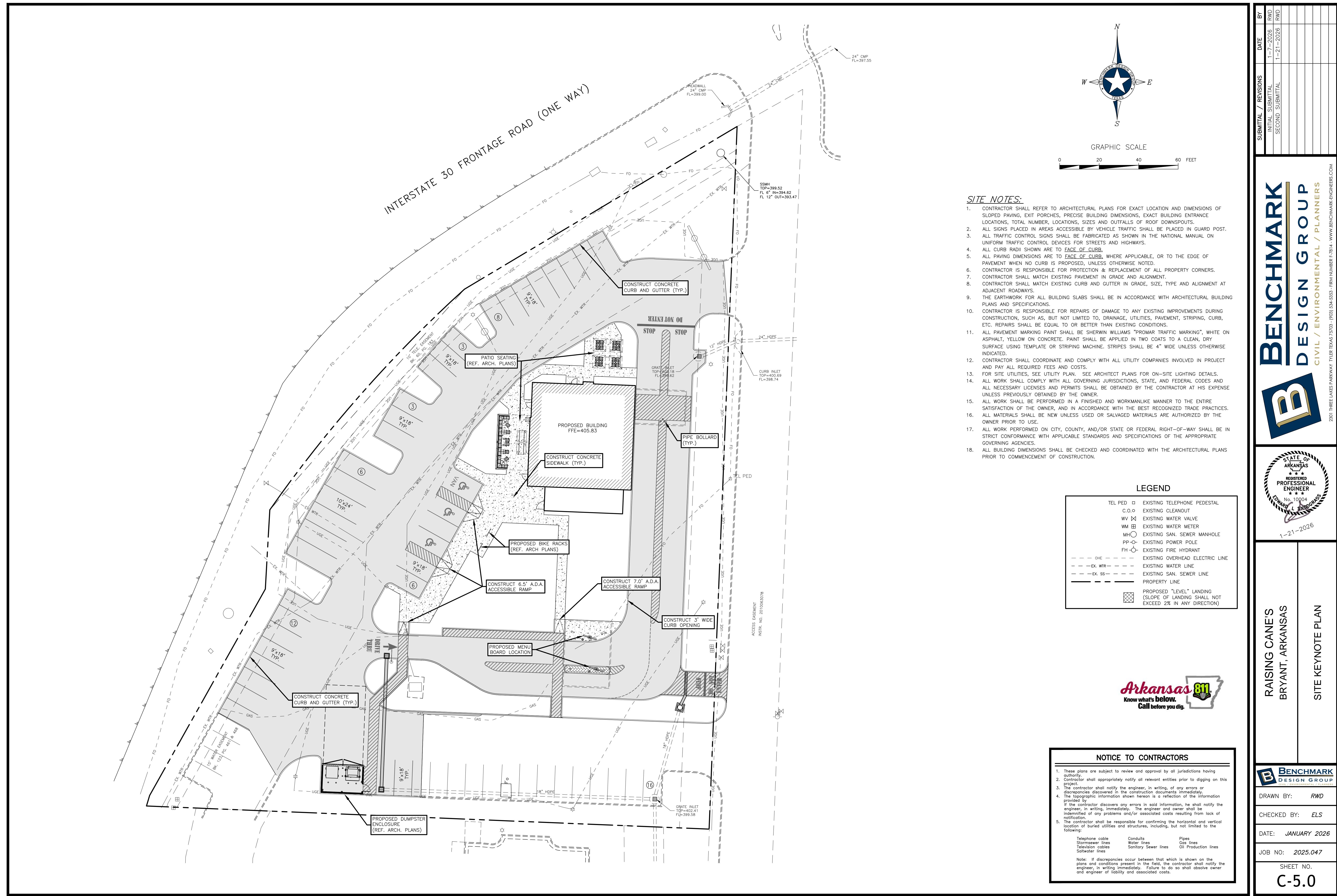
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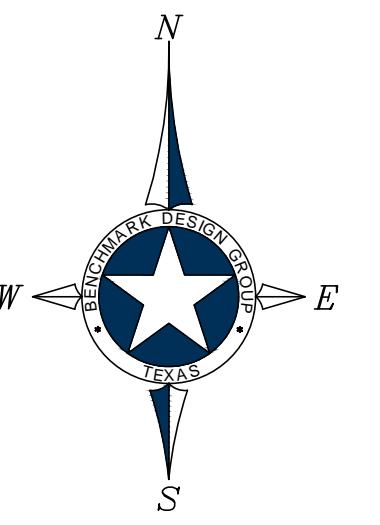
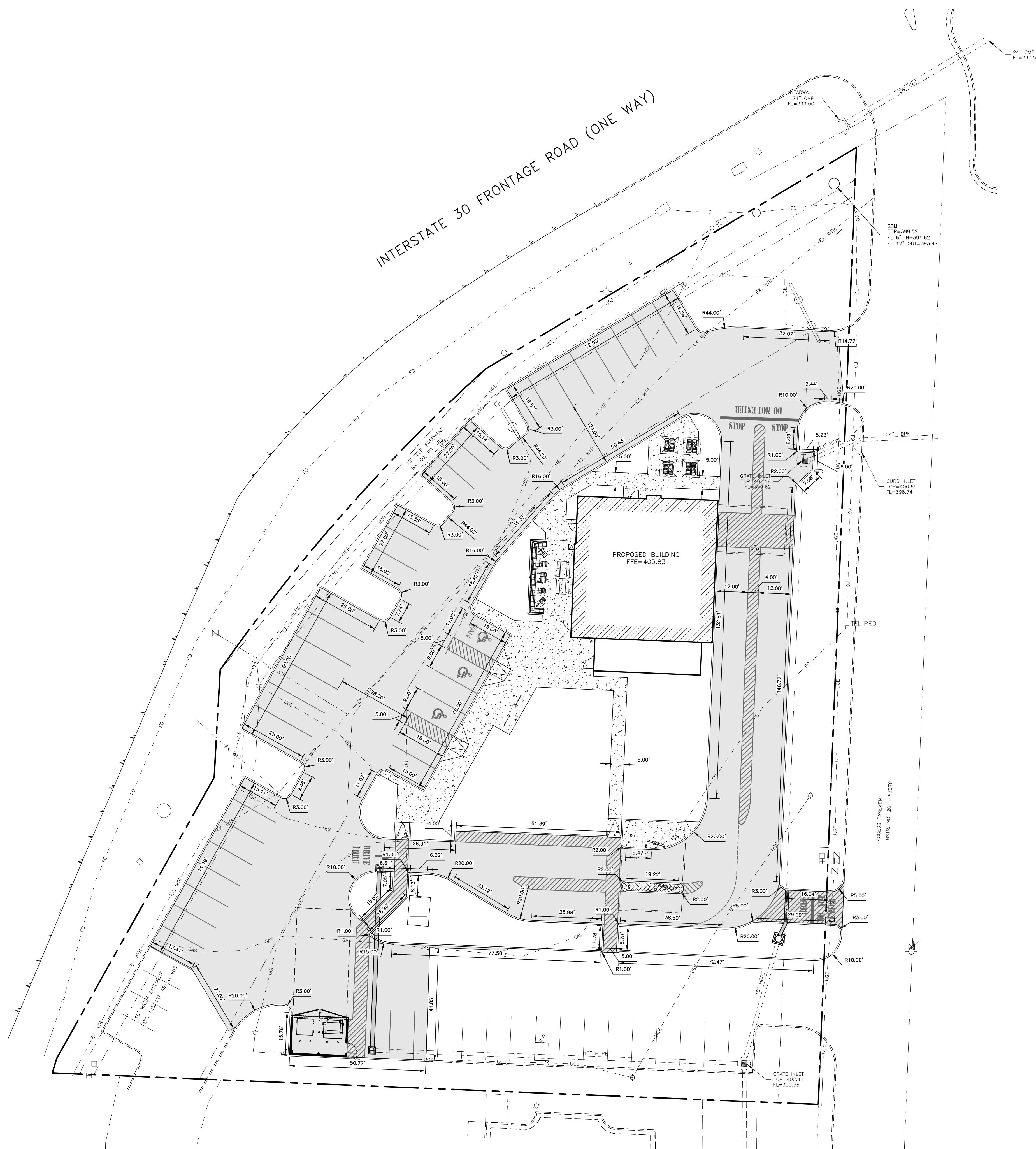
SUBMITTAL / REVISIONS	DATE	BY
INITIAL SUBMITTAL	1-7-2026	RWD
SECOND SUBMITTAL	1-21-2026	RWD

**BENCHMARK  
DESIGN GROUP**









## GRAPHIC SCALE

### SITE NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF SLOPED PAVING, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING ENTRANCE LOCATIONS, TOTAL NUMBER, LOCATIONS, SIZES AND OUTFALLS OF ROOF DOWNSPOUTS.
2. ALL SIGNS PLACED IN AREAS ACCESSIBLE BY VEHICLE TRAFFIC SHALL BE PLACED IN GUARD POST.
3. ALL TRAFFIC CONTROL SIGNS SHALL BE FABRICATED AS SHOWN IN THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
4. ALL CURB RADII SHOWN ARE TO FACE OF CURB.
5. ALL PAVING DIMENSIONS ARE TO FACE OF CURB, WHERE APPLICABLE, OR TO THE EDGE OF PAVEMENT WHEN NO CURB IS PROPOSED, UNLESS OTHERWISE NOTED.
6. CONTRACTOR IS RESPONSIBLE FOR PROTECTION & REPLACEMENT OF ALL PROPERTY CORNERS.
7. CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN GRADE AND ALIGNMENT.
8. CONTRACTOR SHALL MATCH EXISTING CURB AND GUTTER IN GRADE, SIZE, TYPE AND ALIGNMENT AT ADJACENT ROADWAYS.
9. THE EARTHWORK FOR ALL BUILDING SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
10. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
11. ALL PAVEMENT MARKING PAINT SHALL BE SHERWIN WILLIAMS "PROMAR TRAFFIC MARKING", WHITE ON ASPHALT, YELLOW ON CONCRETE. PAINT SHALL BE APPLIED IN TWO COATS TO A CLEAN, DRY SURFACE USING TEMPLATE OR STRIPING MACHINE. STRIPES SHALL BE 4" WIDE UNLESS OTHERWISE INDICATED.
12. CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
13. FOR SITE UTILITIES, SEE UTILITY PLAN. SEE ARCHITECT PLANS FOR ON-SITE LIGHTING DETAILS.
14. ALL WORK SHALL COMPLY WITH ALL GOVERNING JURISDICTIONS, STATE, AND FEDERAL CODES AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER.
15. ALL WORK SHALL BE PERFORMED IN A FINISHED AND WORKMANLIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER, AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.
16. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER PRIOR TO USE.
17. ALL WORK PERFORMED ON CITY, COUNTY, AND/OR STATE OR FEDERAL RIGHT-OF-WAY SHALL BE IN STRICT CONFORMANCE WITH APPLICABLE STANDARDS AND SPECIFICATIONS OF THE APPROPRIATE GOVERNING AGENCIES.
18. ALL BUILDING DIMENSIONS SHALL BE CHECKED AND COORDINATED WITH THE ARCHITECTURAL PLANS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

## LEGEND

TEL PED	<input type="checkbox"/>	EXISTING TELEPHONE PEDESTAL
C.O.O		EXISTING CLEANOUT
WV	☒	EXISTING WATER VALVE
WM	田	EXISTING WATER METER
MH	○	EXISTING SAN. SEWER MANHOLE
PP	○—	EXISTING POWER POLE
FH	○—	EXISTING FIRE HYDRANT
— — —	OHE — — —	EXISTING OVERHEAD ELECTRIC LINE
— — —	EX. WTR — — —	EXISTING WATER LINE
— — —	EX. SS — — —	EXISTING SAN. SEWER LINE
— — — — —		PROPERTY LINE
		PROPOSED "LEVEL" LANDING (SLOPE OF LANDING SHALL NOT EXCEED 2% IN ANY DIRECTION)



# RAISING CANE'S BRYANT, ARKANSAS



#### NOTICE TO CONTRACTORS

se plans are subject to review and approval by all jurisdictions having  
ority.

tractor shall appropriately notify all relevant entities prior to digging on this  
ect.

contractor shall notify the engineer, in writing, of any errors or  
repancies discovered in the construction documents immediately.

topographic information shown hereon is a reflection of the information  
vided by

he contractor discovers any errors in said information, he shall notify the  
ineer, in writing, immediately. The engineer and owner shall be  
ernified of any problems and/or associated costs resulting from lack of  
fication.

contractor shall be responsible for confirming the horizontal and vertical  
ition of buried utilities and structures, including, but not limited to the

BENCHMARK  
DESIGN GROUP

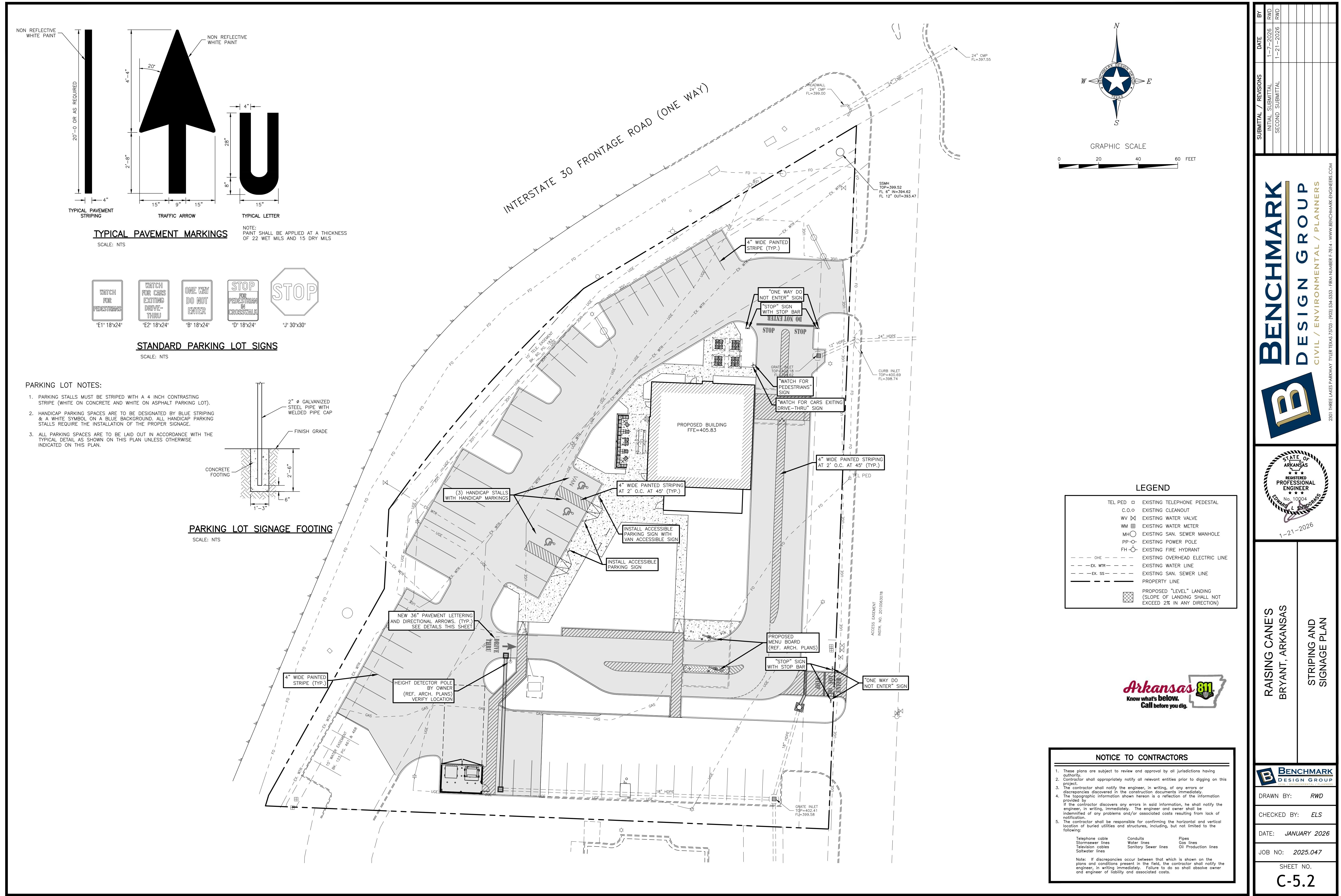
DRAWN BY: *RWD*

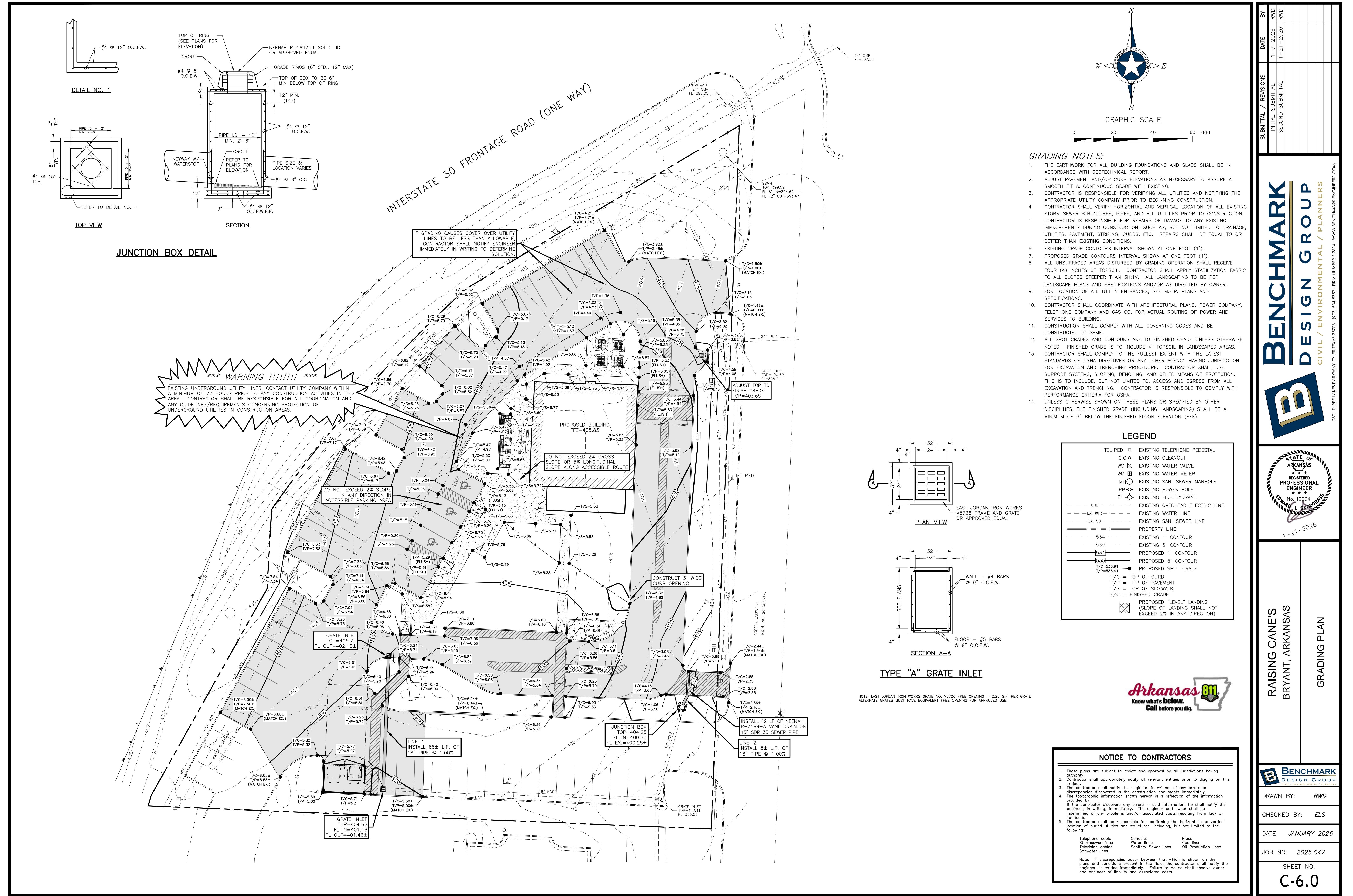
SEARCHED BY: ELS

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JOB NO: 2025.047

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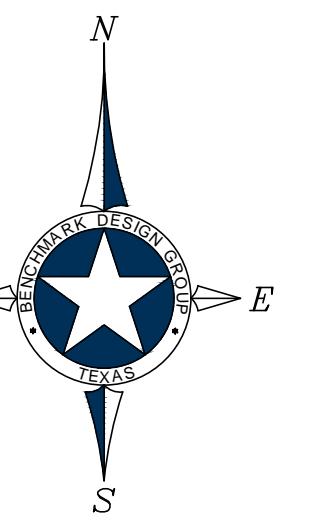
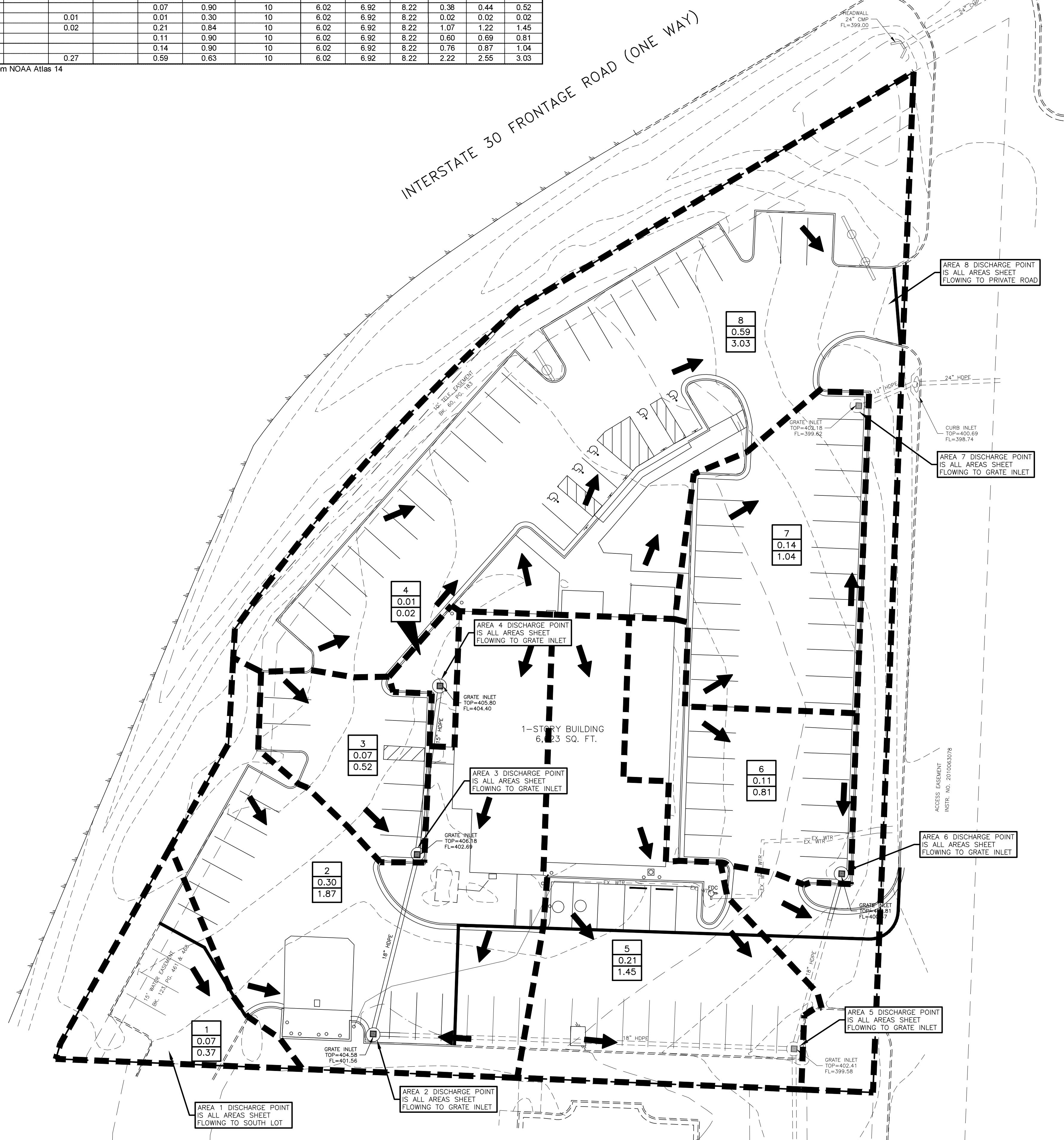




## PRE-DEVELOPED DRAINAGE AREA CALCULATIONS

Drainage Area No.	Acres Drained				Total Area (ac.)	Weighted Runoff Coefficient	Time of Concentration (min)	I(10) (in/hr)	I(25) (in/hr)	I(100) (in/hr)	Q(10) (cfs)	Q(25) (cfs)	Q(100) (cfs)
	Pavement C = 0.90	Residential C = 0.50	Open C = 0.30	Commercial C = 0.70									
1	0.04		0.03		0.07	0.64	10	6.02	6.92	8.22	0.27	0.31	0.37
2	0.23		0.07		0.30	0.76	10	6.02	6.92	8.22	1.37	1.58	1.87
3	0.07				0.07	0.90	10	6.02	6.92	8.22	0.38	0.44	0.52
4			0.01		0.01	0.30	10	6.02	6.92	8.22	0.02	0.02	0.02
5	0.19		0.02		0.21	0.84	10	6.02	6.92	8.22	1.07	1.22	1.45
6	0.11		0.01		0.11	0.90	10	6.02	6.92	8.22	0.60	0.69	0.81
7	0.14		0.01		0.14	0.90	10	6.02	6.92	8.22	0.76	0.87	1.04
8	0.32		0.01		0.59	0.63	10	6.02	6.92	8.22	2.22	2.55	3.03

\*Intensities are pulled from NOAA Atlas 14

GRAPHIC SCALE  
0 20 40 60 FEET

HYDRAULIC CAPACITIES FOR STORMSEWER PIPES WERE CALCULATED USING A MANNING'S  $n$  VALUE OF 0.013.

A PARTIAL LIST OF ACCEPTABLE STORMSEWER PIPES CAPABLE OF PROVIDING THE REQUIRED HYDRAULIC EFFICIENCY FOR THIS APPLICATION ARE AS FOLLOWS:

A.) CONTECH "A-2000" PVC STORMSEWER PIPE  
B.) ADS HP STORM - DUAL WALL - PP  
C.) HANSON CONCRETE REINFORCED CONCRETE PIPE

\* CONTRACTOR SHALL FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PROPER PIPE INSTALLATION AND EMBEML

ALL PIPES MAY BE ONE OF THE ABOVE STATED CHOICES, UNLESS OTHERWISE SPECIFICALLY NOTED ON PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER PRIOR TO SUBSTITUTING OR ORDERING ALTERNATE PIPE AND FITTINGS

## LEGEND

TEL PED	□	EXISTING TELEPHONE PEDESTAL
C.O.O	□	EXISTING CLEANOUT
WV	△	EXISTING WATER VALVE
WM	□	EXISTING WATER METER
MH	○	EXISTING SAN. SEWER MANHOLE
PP-O	○	EXISTING POWER POLE
FH	○	EXISTING FIRE HYDRANT
OHE	- - -	EXISTING OVERHEAD ELECTRIC LINE
EX. WTR	- - -	EXISTING WATER LINE
EX. SS	- - -	EXISTING SAN. SEWER LINE
534	- - -	EXISTING PROPERTY LINE
535	- - -	EXISTING 1' CONTOUR
	- - -	EXISTING 5' CONTOUR
	- - -	EXISTING DRAINAGE PATTERN
	████████	EXISTING DRAINAGE DELINEATION
X	□	= DRAINAGE AREA NUMBER
XXX	□	= DRAINAGE AREA (AC.)
X.XX	□	= 100-YR RUNOFF (CFS)



NOTICE TO CONTRACTORS

- These plans are subject to review and approval by all jurisdictions having jurisdiction.
- Contractor shall appropriately notify all relevant entities prior to digging on this project.
- The contractor shall notify the engineer, in writing, of any errors or discrepancies discovered in the construction documents immediately.
- The topographic information shown herein is a reflection of the information provided by the engineer. If the contractor discovers any errors in said information, he shall notify the engineer, in writing, immediately. The engineer and owner shall be informed of any problems and/or associated costs resulting from lack of notification.
- The contractor shall be responsible for confirming the horizontal and vertical location of buried utilities and structures, including, but not limited to the following:

Telephone cable	Conduits
Stormsewer lines	Water lines
Television cables	Pipes
Saltwater lines	Gas lines
Sanitary Sewer lines	Oil Production lines

Note: If discrepancies occur between that which is shown on the plans and conditions present in the field, the contractor shall notify the engineer, in writing immediately. Failure to do so shall absolve owner and engineer of liability and associated costs.

BENCHMARK

DESIGN GROUP

CIVIL / ENVIRONMENTAL PLANNERS

2301 THREE LAKES PARKWAY TYLER TEXAS 75703 (903) 534-5333 FIRM NUMBER F-7814 - WWW.BENCHMARK-ENGINEERS.COM

1-21-2026

RWD

ELS

JANUARY 2026

2025.047

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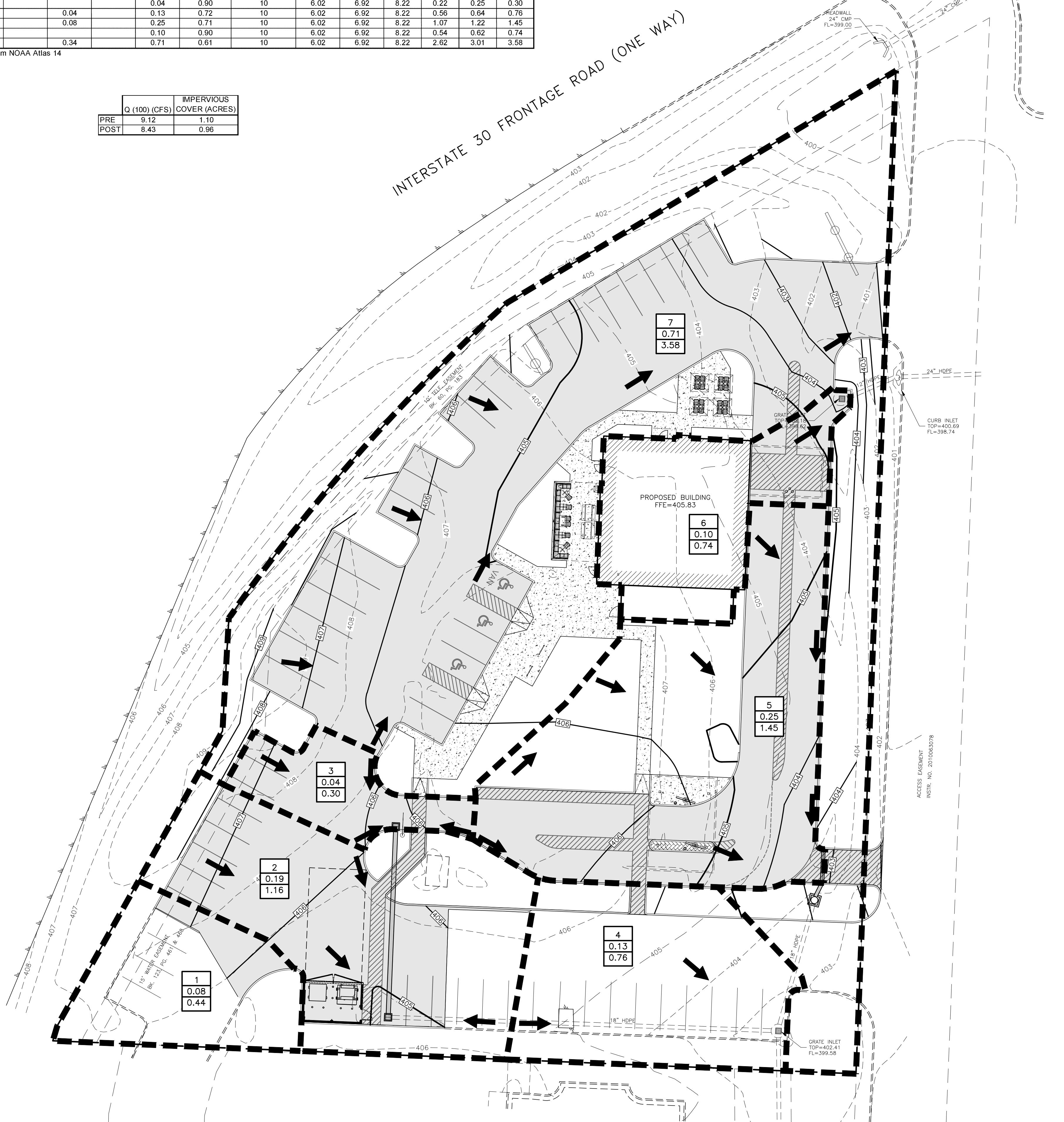
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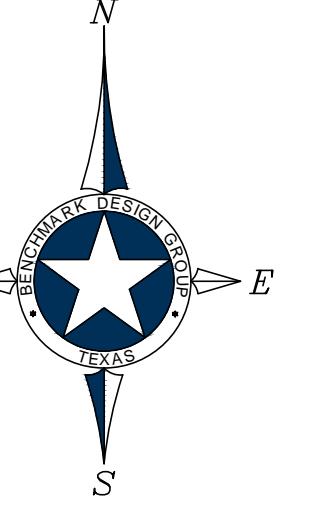
## DRAINAGE AREA CALCULATIONS

Drainage Area No.	Acres Drained				Total Area (ac.)	Weighted Runoff Coefficient	Time of Concentration (min)	I(10) (in/hr)	I(25) (in/hr)	I(100) (in/hr)	Q(10) (cfs)	Q(25) (cfs)	Q(100) (cfs)
	Pavement C = 0.90	Residential C = 0.50	Open C = 0.30	Commercial C = 0.70									
1	0.05		0.03		0.08	0.68	10	6.02	6.92	8.22	0.33	0.37	0.44
2	0.14		0.05		0.19	0.74	10	6.02	6.92	8.22	0.85	0.98	1.16
3	0.04				0.04	0.90	10	6.02	6.92	8.22	0.22	0.25	0.30
4	0.09		0.04		0.13	0.72	10	6.02	6.92	8.22	0.56	0.64	0.76
5	0.17		0.08		0.25	0.71	10	6.02	6.92	8.22	1.07	1.22	1.45
6	0.10				0.10	0.90	10	6.02	6.92	8.22	0.54	0.62	0.74
7	0.37		0.34		0.71	0.61	10	6.02	6.92	8.22	2.62	3.01	3.58

\*Intensities are pulled from NOAA Atlas 14

Q (100) (CFS)	IMPERVIOUS COVER (ACRES)
PRE 9.12	1.10
POST 8.43	0.96





**NOTE:** UTILITY TAPS TO BE PAID FOR BY THE CONTRACTOR AND PERFORMED BY THE CITY. DOMESTIC WATER AND IRRIGATION METERS LESS THAN 3" TO BE SET BY CITY OF TYLER AT CONTRACTOR'S EXPENSE. BACKFLOW PREVENTORS SHALL BE INSTALLED BY THE CONTRACTOR. CALL DEVELOPMENT SERVICES FOR COST AND COORDINATION OF TAPS AND METERS (903) 531-1171

## GRAPHIC SCALE

## UTILITY CONSTRUCTION NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, SIDEWALKS, DRIVEWAYS, FENCES, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
2. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURE. CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
3. CONTRACTOR SHALL, ON ALL UTILITIES, COORDINATE INSPECTION WITH APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES.
4. CONSTRUCTION SHALL COMPLY WITH GOVERNING CODES AND REQUIREMENTS. CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE UTILITY COMPANIES AND OWNERS INSPECTING AUTHORITIES.
5. ADJUST PAVEMENT AND/OR CURB ELEVATIONS AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE WITH EXISTING.
6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
7. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
8. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE FOUR (4) INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES STEEPER THAN 3H:1V. REFER TO OWNER FOR EXACT AREAS, DETAILS, AND SPECS.
9. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, TELEPHONE COMPANY AND GAS COMPANY FOR ACTUAL ROUTING OF POWER AND SERVICES TO BUILDING.
10. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. CONTRACTOR TO REFER TO LANDSCAPING/ARCHITECTURAL PLANS AND/OR OWNER FOR LOCATIONS OF PROPOSED LIGHT STANDARDS AND UTILITY SLEEVING.
12. REFER TO M.E.P. PLANS FOR ELECTRIC, GAS, TELEPHONE, CABLE AND ANY OTHER NECESSARY UTILITIES SERVICES, OTHER THAN WATER AND SANITARY SEWER.

## LEGEND

TEL PED <input type="checkbox"/>	EXISTING TELEPHONE PEDESTAL
C.O.O <input type="checkbox"/>	EXISTING CLEANOUT
WV 	EXISTING WATER VALVE
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— — — — —	PROPERTY LINE
W 	PROPOSED WATER LINE
SS 	PROPOSED SAN. SEWER LINE



## BRYANT, ARKANSAS



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 <b>BENCHMARK</b> DESIGN GROUP CIVIL / ENVIRONMENTAL / PLANNER	DRAWN BY: <b>RWD</b>
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	DATE: <b>JANUARY 2026</b>
	JOB NO: <b>2025.047</b>
	SHEET NO. <b>C-7.0</b>

