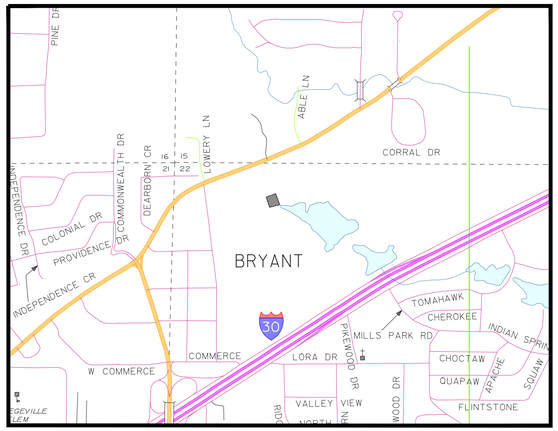
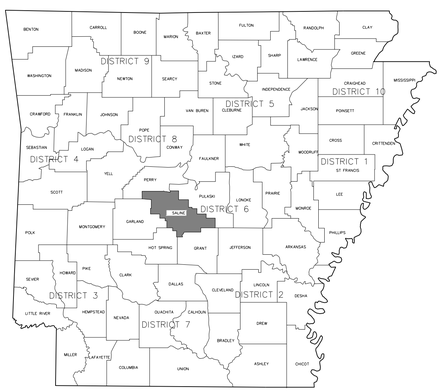
CONSTRUCTION PLANS
CONSOLIDATED RESTAURANT OPERATIONS
MARKET PLACE, BRYANT, AR



VICINITY MAP



PREPARED BY:

HOPE CONSULTING
ENGINEERS - SURVEYORS

129 N. Main Street,
Benton, Arkansas 72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

DRAWING INDEX

SHEET NO.	TITLE
C-1.0	SURVEY PLAN
C-2.0	SITE PLAN
C-3.0	UTILITY PLAN
C-4.1-4.2	BRYANT WATER SPECIFICATIONS
C-4.3	BRYANT SEWER SPECIFICATIONS
C-5.0	DRAINAGE PLAN
C-5.1	DRAINAGE PLAN & PROFILES
C-6.0	GRADING PLAN
C-7.0-7.2	EROSION CONTROL PLAN
C-8.0	LANDSCAPE PLAN

OWNER:

Name: CONSOLIDATED RESTAURANT OPERATIONS
Address: 12200 N Stemmons Fwy #100
Dallas, TX 75234
Email/ Phone: mflippo@croinc.com
318-469-4243

DEVELOPER:

Name: CONSOLIDATED RESTAURANT OPERATIONS
Address: 12200 N Stemmons Fwy #100
Dallas, TX 75234
Email/Phone: mflippo@croinc.com
318-469-4243

CIVIL ENGINEER
HOPE CONSULTING INC
129 N. MAIN STREET
BENTON, AR 72015

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ENGINEERS - SURVEYORS
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Benton, Arkansas
72015
PH. (501)315-2626
FAX (501) 315-0024
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FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
INDEX OF SHEETS
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE: 10/21/2026		C.A.D. BY:	DRAWING NUMBER:
REVISED:	##	CHECKED BY:	26-0351
SHEET:		SCALE:	

500 | 02S | 15W | 0 | 33 | 400 | 62 | 1573

H:\STARR\HOPE\CONSULTING\LAND PROJECTS 2026\CONSBRCDA\2026-0351\CIVIL\DWGS\VOHD-26-0352-DESIGN-9-29-2026_REGOVER.DWG

811 Know what's below. Call before you dig.

FRED BRINER
PROPERTIES, LLC
2019-004456
0.64 ACRES

BASIS OF BEARINGS:
GRID BEARINGS ARE BASED ON ARKANSAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (1302), FIPS ZONE 0302.

SCALE: 1" = 20'

PROGRESS WAY (PRIVATE)

MARKETPLACE AVE. (60' R/W)

RIM 431.63 SSMH
SSMH RIM 431.20
DOESN'T CONNECT TO SSMH 2005

SDMH RIM 426.93
FULL OF WATER

RIM 427.65 SDMH

RIM 427.77 SSMH

RIM 426.44 SDMH

RIM 426.90 SDMH

RIM 428.25 SSMH

RIM 426.75 SDMH
SDMH RIM 426.12
INV. IN W (36" HDPE) 421.65
INV. OUT SE (36" HDPE) 421.65

SDMH RIM 435.41
INV. OUT S (18" RCP) 421.64

SDMH RIM 433.53
INV. IN SW (18" RCP) 420.79
INV. OUT S'LY (18" RCP) 420.29

33' L.F. OF 18" RCP @ 1.00%

CI-2-1
STA:0+00.00
RIM:425.74
INV IN:421.17 18" Reinforced Concrete Pipe

SSMH-B1
STA:2+51.09
RIM:424.31
INV OUT:417.80 8" PVC

SSMH RIM 424.35
INV. IN NW (10" PVC) 417.31
INV. OUT E (10" PVC) 417.27

SSMH RIM 428.16
INV. IN W (8" PVC) 419.95
INV. IN N (10" PVC) 419.93
INV. IN S FROM SALINE MEMORIAL MEDICAL CENTER (10" PVC) 419.93
INV. OUT W (10" PVC) 419.80

FND. PK NAIL

FND. 1/2" REBAR WITH PLAS. CAP #1573

FND. 1/2" REBAR WITH PLAS. CAP #1141

INV. 18" RCP FES 421.74

INV. 36" HDPE 419.56

30' PRIVATE INGRESS / EGRESS STORM & UTILITY EASEMENT

50' SETBACK

15' SETBACK

10' EASEMENT

R=594.65' L=143.74'
CH=S8°59'59"W 143.31'

N70° 00' 00"E 290.57'
N72°00'00"E 230.69'
230.75

S19° 51' 00"E
30.74'

S57°30'05"W 237.85'
237.67'

S19°00'00"E 178.88'

S19°00'00"E 106.19'
N20° 15' 01"W
107.76'

0+00
1+00
2+00
3+00
C4
59.83'
0.40%

840-05786-602
BRYANT REALTY COMPANY, LLC
LOT 2
1.35 AC
58902.9 SF

LOT 2
1.35 ACRES
58912 Sq. Ft.

840-05786-603
BRYANT REALTY COMPANY, LLC
LOT 3

840-12216-010
HCH-3412 MARKET PLACE AVENUE, LLC

RECORD PROPERTY DESCRIPTION
SALINE COUNTY INSTRUMENT SPECIAL WARRANTY DEED 2000-27387

LOT 2, MARKETPLACE EAST, PHASE 1, CITY OF BRYANT, SALINE COUNTY, ARKANSAS.

REFERENCE DOCUMENTS CITED
RECORDED SURVEY PLATS BY:
FINAL PLAT MARKETPLACE EAST PHASE 1 BY GARNAT ENGINEERING, LLC (PS #1573), FOR BRYANT REALTY COMPANY, LLC, DATED 07/16/2025

SURVEY DETAILS AND NOTES
OWNER OF RECORD: BRYANT REALTY COMPANY, LLC
PHYSICAL ADDRESS: 3424 MARKETPLACE AVENUE, BRYANT, ARKANSAS 72022
COUNTY PARCEL TAX ID: 840-05786-602

ALL DIMENSIONS LISTED ARE AS MEASURED BY THIS SURVEYOR UNLESS OTHERWISE NOTED. FOR RECORD DIMENSIONS SEE DOCUMENTS OF RECORD.

OWNERSHIP INFORMATION, IF SHOWN, IS LISTED AS PUBLISHED BY THE LOCAL COUNTY TAX ASSESSOR AND IS LISTED FOR REFERENCE ONLY. NO STATEMENTS OF OWNERSHIP, RIGHTS, OR INTERESTS ARE MADE.

THIS SURVEY IS BASED ON PUBLIC RECORDS AND/OR TITLE INVESTIGATIONS FURNISHED BY THIRD PARTIES. NO INDEPENDENT SEARCH OR INVESTIGATION HAS BEEN MADE BY THIS FIRM FOR ANY RECORDS, PUBLIC OR PRIVATE. LISTED REFERENCE DOCUMENTS HEREON WERE USED AND CONSIDERED AS A PART OF THIS SURVEY; HOWEVER OTHER RECORDS, IF ANY, COULD FURTHER AFFECT THIS SURVEY. NO STATEMENT OR GUARANTEES OF OWNERSHIP, RIGHTS, OR OTHER INTERESTS ARE MADE BY THIS SURVEY PLAT.

CERTIFICATE OF AUTHORIZATION
HOPE CONSULTING, INC.
No. 931
ARKANSAS

REGISTERED
STATE OF ARKANSAS
No. 1573
SIGNATURE
07/27/2026
DATE
GARNAT P. HOOPER
PROFESSIONAL LAND SURVEYOR

FLOOD ZONE INFORMATION
NO PORTION OF THE PROPERTY DESCRIBED HEREON LIES WITHIN A SPECIAL FLOOD HAZARD AREA, ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP LISTED BELOW: PANEL # 05125C0240E___, DATED: 06/05/2020___ .

LEGEND

- PLSS Aliquot Corner	- Clean Out	- Fence
- Fnd. Corner Monument	- Water Meter	- Overhead Power
- Set 1/2" Rebar/Cap (1664)	- Power Pole	- Sewer Line
- Computed Point	- Sewer Manhole	- Water Line
(M)- As Measured	- Light Pole	- Telephone Line
(P)- Per Deed or Plat Records	- Telephone Pedestal	- Electric Line
ESMT - Easement	- Drainage Manhole	- Gas Line
B.S.L. - Building Setback Lines	- Gas Meter	

HOPE CONSULTING
ENGINEERS - SURVEYORS
129 North Main Street
Benton, Arkansas 72015
Office: (501) 315-2626 | Fax: (501) 315-0024
www.HopeConsulting.com

BOUNDARY & TOPO SURVEY
3424 MARKETPLACE AVENUE
BRYANT, ARKANSAS 72022

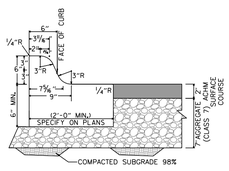
FOR USE AND BENEFIT OF:
LOCAL RESTAURANT

DATE: 07/27/2026	CAD BY: GPW	PROJECT NUMBER: 26-0351
REVISED:	CHECKED BY:	
SHEET: 1 OF 1	SCALE: 1" = 20'	
AR STATE LAND SURVEY FILING CODE: 500 - 01S - 14W - 01 - 22 - 400 - 62 - 1573		

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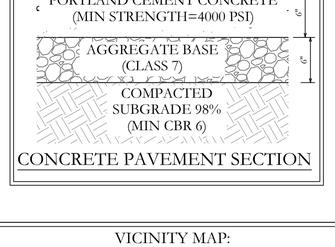
Know what's **below.** **Call** before you dig.

0.64 ACRES



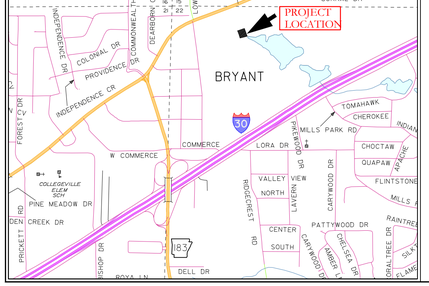
CURB DETAILS (TYPE A)

ASPHALT PAVEMENT SECTION



CONCRETE PAVEMENT SECTION

VICINITY MAP:

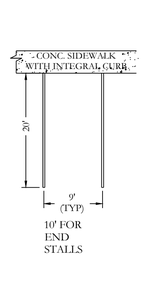




USE DIMENSIONS ABOVE UNLESS OTHERWISE NOTED

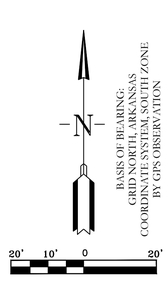
PARKING STALL & SIDEWALK DETAIL

NOT TO SCALE



10' FOR END STALLS

SITE DATA	
TOTAL SITE AREA	*1.53 ACRES*
TOTAL DEVELOPMENT AREA	*1.53 ACRES*
GROSS BUILDING AREA	*7,347 SQ. FT.*
BUILDING SETBACKS	*FRONT SUTBACK LINE: 50' SIDE SETBACK LINE: AS SHOWN REAR SETBACK LINE: 15' FRONT LANDSCAPE BUFFER: 10'*
BUILDING HEIGHTS	*1 STORY*
BUSINESS TYPE	*RESTURANT*
PARKING CALCULATION (PROVIDED)	*PROVIDED PARKING SPACES 66 FOR BUILDING (4 ADA SPACES)*



OWNER:
Name: CONSOLIDATED RESTAURANT OPERATIONS
Address:
Phone:
Email:

DEVELOPER:
Name: CONSOLIDATED RESTAURANT OPERATIONS
Address:
Phone:
Email:

LEGEND

- PLSS Aliquot Corner
- Fnd. Corner Monument
- Set 1/2" Rebar/Cap (1664)
- Computed Point
(M)- As Measured
(P)- Per Deed or Plat Records
ESMT - Easement
B.S.L. - Building Setback Lines
- Clean Out
- Water Meter
- Power Pole
- Sewer Manhole
- Light Pole
- Telephone Pedestal
- Drainage Manhole
- Gas Meter
- Fence
OHP - Overhead Power
SS - Sewer Line
W - Water Line
UGT - Telephone Line
UGE - Electric Line
GAS - Gas Line
- Existing Access Agreement
- Public Right-of-Way Dedication

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129 N. Main Street,
Benton, Arkansas 72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
SITE PLAN
MARKET PLACE, BRYANT, SALINE COUNTY, ARKANSAS

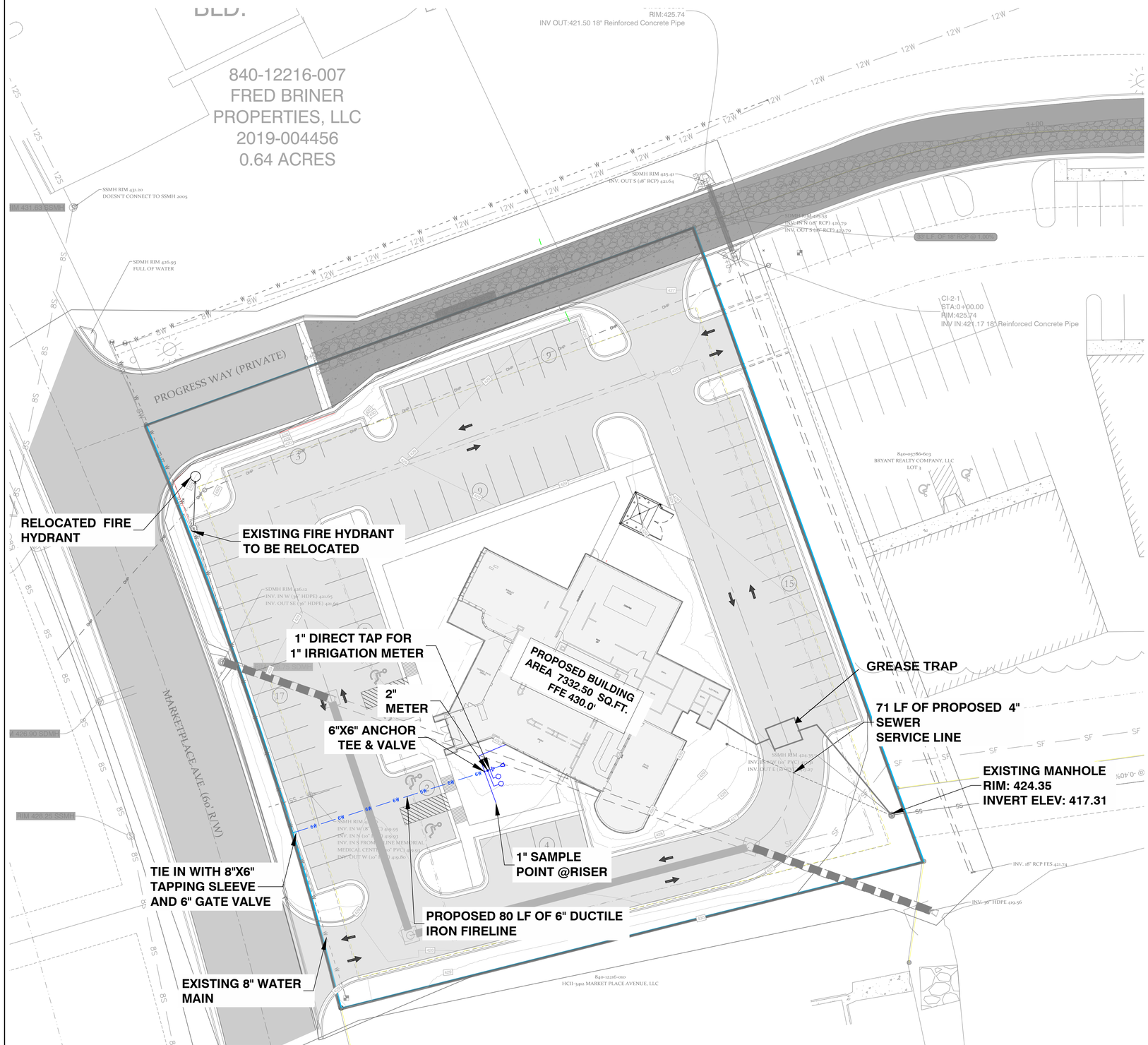
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REVISED:	--	CHECKED BY:	26-0351
SHEET:	C-2.0	SCALE: 1" = 30"	

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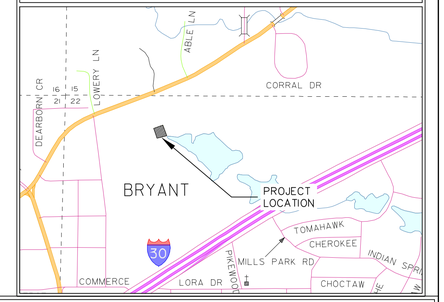
840-07286-603
BRYANT REALTY COMPANY, LLC
LOT 3
840-12216-010
HCH-3412 MARKET PLACE AVENUE, LLC

I:\SURVEY\HOPE\CONSULTING\LAND PROJECTS 2000\COMMERCIAL\2026\26-0351\CIVIL\DWG\VOID\26-0351-SITE PLAN-10-15-2026.DWG

CONSOLIDATED RESTAURANT OPERATIONS
UTILITY PLAN



VICINITY MAP:



SEWER CONSTRUCTION NOTES:

1. ALL SEWER CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH CITY OF BRYANT "STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION FOR WATER LINES AND SEWER LINES" 2015 EDITION.

WATER CONSTRUCTION NOTES:

1. ALL WATER INSTALLATION SHALL BE DONE IN ACCORDANCE WITH CITY OF BRYANT "STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION FOR WATER LINES AND SEWER LINES" 2015 EDITION.

ADH NOTES:

ADH RULES PERTAINING TO PUBLIC WATER SYSTEMS, SECTION XIV . DISTRIBUTION SYSTEM, PART A SANITARY AND SAFETY HAZARDS. A MINIMUM HORIZONTAL DISTANCE OF TEN FEET SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER LINES OR OTHER SOURCES OF CONTAMINATION. WATER LINES AND SEWERS SHALL NOT BE LAID IN THE SAME TRENCH EXCEPT ON THE WRITTEN APPROVAL OF THE ARKANSAS DEPARTMENT OF HEALTH. WATER MAINS NECESSARILY IN CLOSE PROXIMITY TO SEWERS MUST BE PLACED SO THAT THE BOTTOM OF THE WATER LINE WILL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE AT ITS HIGHEST POINT. IF THIS DISTANCE MUST UNAVOIDABLY BE REDUCED, THE WATER LINE OR THE SEWER LINE MUST BE ENCASED IN WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS.

EXTENDING AT LEAST TEN FEET EITHER SIDE OF THE CROSSING. ANY JOINT IN THE ENCASEMENT PIPE IS TO BE MECHANICALLY RESTRAINED. THE ENCASEMENT PIPE MAY BE VENTED TO THE SURFACE IF CARRYING WATER OR SEWER UNDER PRESSURE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, AT LEAST 18 INCHES OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENT.

A MINIMUM HORIZONTAL DISTANCE OF THREE FEET SHALL BE MAINTAINED BETWEEN WATER LINES AND OTHER UNDERGROUND UTILITIES OF A NON SANITARY NATURE (GAS, ELECTRIC, ETC.).

WATER LEGEND:

- DUAL WATER METERS
- SINGLE WATER METER
- GATE VALVE
- 45° FITTING
- 90° FITTING
- TEE FITTING
- CROSS FITTING
- FH — FIRE HYDRANT

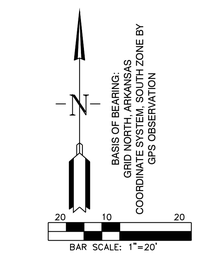
SEWER LEGEND:

SEWER SERVICE

SEWER MAIN — S — SEWER MANHOLE

NOTE:
USE SDR-26 PVC SEWER PIPE EXCEPT WHERE DUCTILE IRON PIPE REQUIRED FOR COVER. USE DUCTILE IRON PIPE WHERE 3' MINIMUM COVE CANNOT BE MAINTAINED.

CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL BURIED UTILITIES PRIOR TO CONSTRUCTION.



CERTIFICATE OF AUTHORIZATION
HOPE CONSULTING, INC.
No. 1931
ARKANSAS

HDPE

RCP

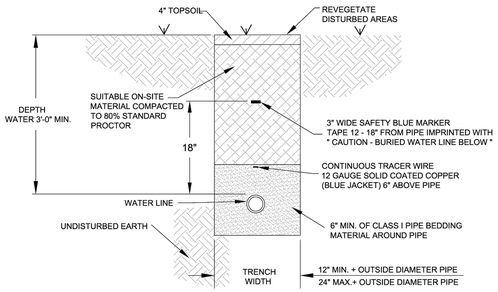
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FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
UTILITY PLAN
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:				DRAWING NUMBER:	
REVISED:	##	CHECKED BY:				26-0351	
SHEET:	C-3.0	SCALE:	1" = 20"				
500	01S	14W	0	22	400	62	1573

H:\SHARED\HOPECONSULTING\CLAND PROJECTS\2026\COMMERCIAL\2026-26-0351\CIVIL\DWG\VOD\26-0352-DESIGN-9-29-2026_RECOVER.DWG



NOTES:

1. ALL VALVES, BENDS, ETC. SHALL BE RESTRAINED.
2. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY TO CONNECT WITH ANY PART OF THE EXISTING WATER SYSTEM THAT WILL REMAIN IN ORDER TO ESTABLISH A SATISFACTORY AND ACCEPTABLE WATER SYSTEM.
3. CONTRACTOR TO CONSTRUCT ALL TRENCH EXCAVATION IN ACCORDANCE WITH ALL OSHA REGULATIONS (29 CFR CH.XVII, SUBPART B)
4. TRENCH SHALL BE EXCAVATED BELOW GRADE REQUIRED TO PROVIDE A MINIMUM 36" OF PIPE COVER.
5. MAXIMUM PIPE COVER SHALL BE 60" UNDER NORMAL CONDITIONS. COVER GREATER THAN 60" MAY BE ALLOWED FOR SHORT DISTANCES WHERE REQUIRED BY FIELD CONDITIONS. NO HYDRANT SHALL BE ALLOWED WHERE LINES ARE GREATER THAN 60" DEEP.

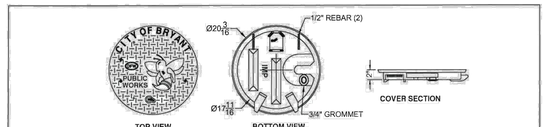
WATER MAIN TRENCH

(NON-PAVED AREA)

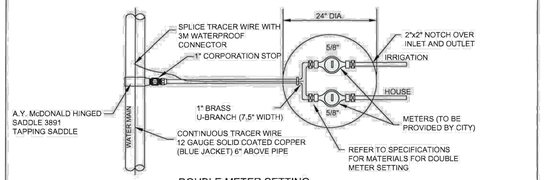
CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE: **WATER DETAILS**
DESCRIPTION: **WATER MAIN TRENCH (NON-PAVED AREA)**
DRAWN BY: CHECKED BY: FILE: W1-Water Trench (Non-Paved Area).dwg
DATE: APRIL 2015 REVISED ----- ----- ----- -----
SHEET: **W1**

4/16/2015 11:49:51 AM

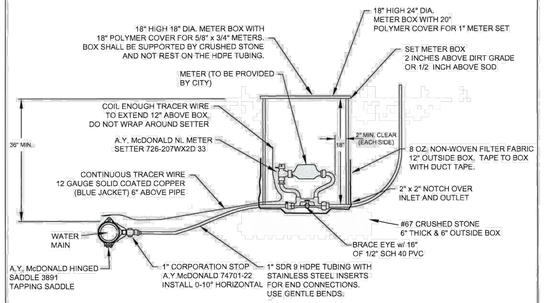


WATER METER LID



DOUBLE METER SETTING

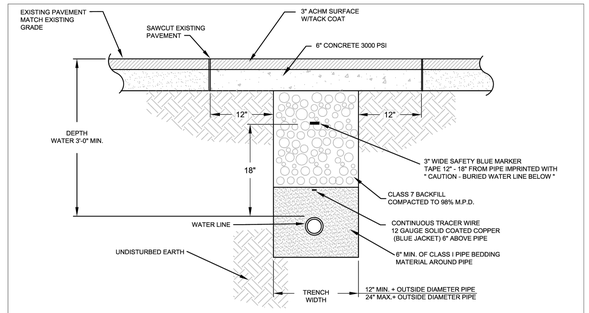
ONLY FOR 1 LOT



SINGLE METER SETTING

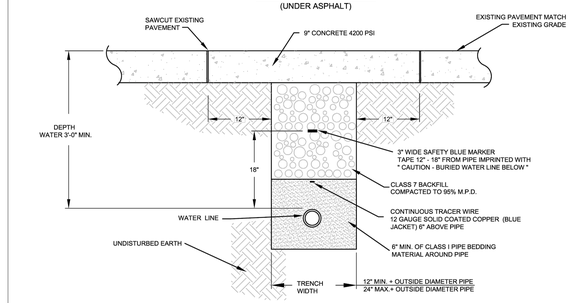
CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE: **WATER DETAILS**
DESCRIPTION: **METER SETTINGS**
DRAWN BY: CHECKED BY: FILE: W10-Water Settings.dwg
DATE: APRIL 2015 REVISED ----- ----- ----- -----
SHEET: **W10**



WATER MAIN TRENCH

(UNDER ASPHALT)



WATER MAIN TRENCH

(UNDER CONCRETE)

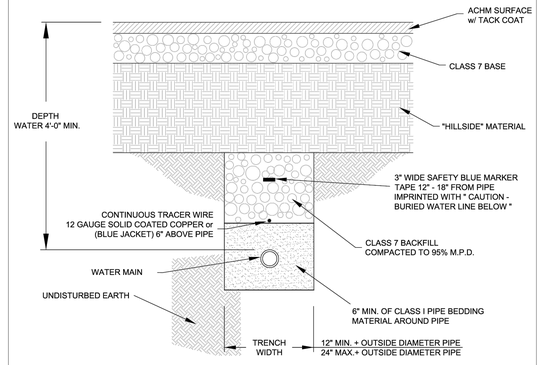
NOTES:

1. ALL VALVES, BENDS, ETC. SHALL BE RESTRAINED.
2. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY TO CONNECT WITH ANY PART OF THE EXISTING WATER SYSTEM THAT WILL REMAIN IN ORDER TO ESTABLISH A SATISFACTORY AND ACCEPTABLE WATER SYSTEM.
3. CONTRACTOR TO CONSTRUCT ALL TRENCH EXCAVATION IN ACCORDANCE WITH ALL OSHA REGULATIONS (29 CFR CH.XVII, SUBPART B)
4. TRENCH SHALL BE EXCAVATED BELOW GRADE REQUIRED TO PROVIDE A MINIMUM 36" OF PIPE COVER.
5. MAXIMUM PIPE COVER SHALL BE 60" UNDER NORMAL CONDITIONS. COVER GREATER THAN 60" MAY BE ALLOWED FOR SHORT DISTANCES WHERE REQUIRED BY FIELD CONDITIONS. NO HYDRANT SHALL BE ALLOWED WHERE LINES ARE GREATER THAN 60" DEEP.

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE: **WATER DETAILS**
DESCRIPTION: **WATER MAIN TRENCH (UNDER PAVEMENT)**
DRAWN BY: CHECKED BY: FILE: W2-Water Trench (Under Pavement).dwg
DATE: APRIL 2015 REVISED ----- ----- ----- -----
SHEET: **W2**

4/16/2015 11:45:20 AM



WATER MAIN INSTALLATION
PRIOR TO ROADWAY CONSTRUCTION

NOTES:

1. ALL VALVES, BENDS, ETC. SHALL BE RESTRAINED.
2. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY TO CONNECT WITH ANY PART OF THE EXISTING WATER SYSTEM THAT WILL REMAIN IN ORDER TO ESTABLISH A SATISFACTORY AND ACCEPTABLE WATER SYSTEM.
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4. TRENCH SHALL BE EXCAVATED BELOW GRADE REQUIRED TO PROVIDE A MINIMUM 36" OF PIPE COVER.
5. MAXIMUM PIPE COVER SHALL BE 60" UNDER NORMAL CONDITIONS. COVER GREATER THAN 60" MAY BE ALLOWED FOR SHORT DISTANCES WHERE REQUIRED BY FIELD CONDITIONS. NO HYDRANT SHALL BE ALLOWED WHERE LINES ARE GREATER THAN 60" DEEP.

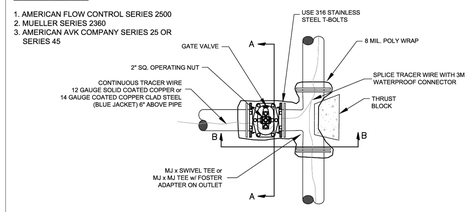
CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE: **WATER DETAILS**
DESCRIPTION: **WATER MAIN INSTALLATION PRIOR TO ROADWAY CONSTRUCTION**
DRAWN BY: CHECKED BY: FILE: W3-Water Main Installation Prior to Roadway Const.dwg
DATE: APRIL 2015 REVISED ----- ----- ----- -----
SHEET: **W3**

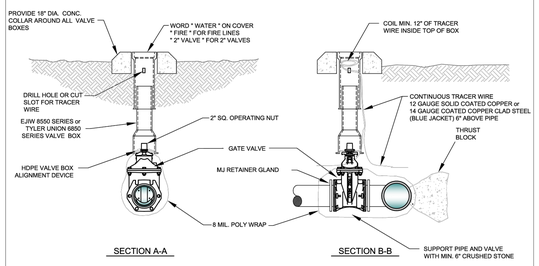
4/16/2015 11:45:28 AM

PERMITTED VALVES

1. AMERICAN FLOW CONTROL SERIES 2500
2. MUELLER SERIES 2360
3. AMERICAN AVK COMPANY SERIES 25 OR SERIES 45



PLAN



NOTES:

1. ALL VALVES SHALL BE SECURELY ANCHORED TO THE TEE.
2. ALL HARDWARE SHALL BE 316 STAINLESS STEEL.
3. IF DEPTH OF BURY EXCEEDS 4 FT., A VALVE STEM EXTENSION SHALL BE REQUIRED. THE VALVE STEM EXTENSION NUT SHALL BE WITHIN 24-INCHES TO 12-INCHES OF THE FINISHED SURFACE.

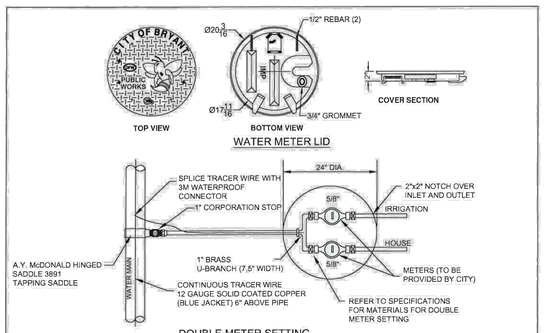
GATE VALVE DETAIL

2" - 12"

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WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE: **WATER DETAILS**
DESCRIPTION: **GATE VALVE**
DRAWN BY: CHECKED BY: FILE: W4-Gate Valve.dwg
DATE: APRIL 2015 REVISED ----- ----- ----- -----
SHEET: **W4**

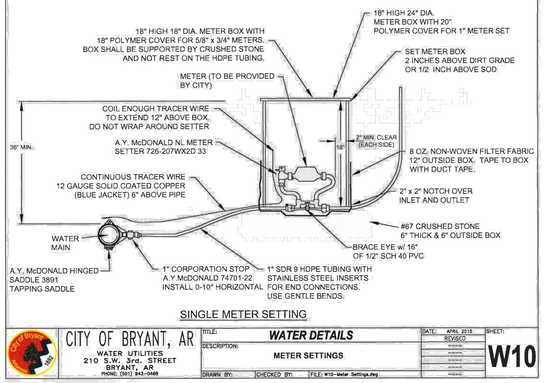
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WATER METER LID

DOUBLE METER SETTING

ONLY FOR 1 LOT



SINGLE METER SETTING

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE: **WATER DETAILS**
DESCRIPTION: **METER SETTINGS**
DRAWN BY: CHECKED BY: FILE: W10-Water Settings.dwg
DATE: APRIL 2015 REVISED ----- ----- ----- -----
SHEET: **W10**

CERTIFICATE OF AUTHORIZATION
HOPE CONSULTING, INC.
No. 1931
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HOPE CONSULTING
ENGINEERS - SURVEYORS
129 N. Main Street,
Benton, Arkansas
72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

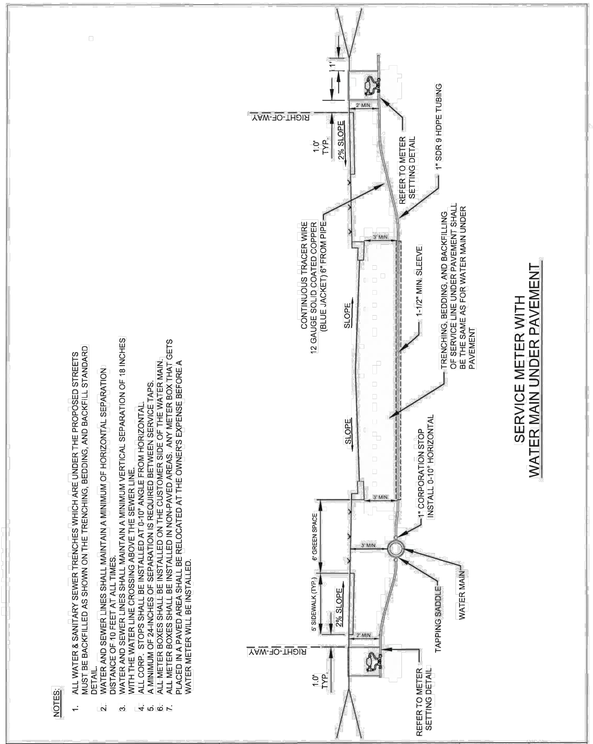
FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
BRYANT WATER SPECIFICATIONS
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:	DRAWING NUMBER:
REVISED:	##	CHECKED BY:	26-0351
SHEET:	C-4.1	SCALE:	

500	01S	14W	0	22	400	62	1573

HISTORIC DOCUMENTS\ENGINEERING AND PROJECTS_2026\COMMERCIAL\2026-26-0351\CAD\DWG\VHD-26-0351 DESIGN 3-29-2026_REVISED.DWG



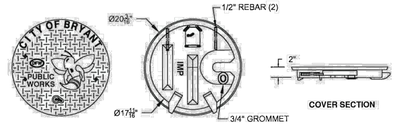
SERVICE METER WITH
WATER MAIN UNDER PAVEMENT

NOTES:

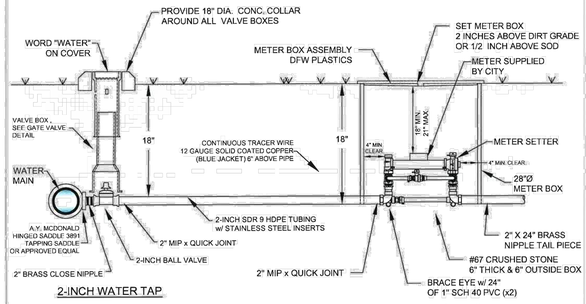
1. ALL WATER & SANITARY SEWER TRENCHES WHICH ARE UNDER THE PROPOSED STREETS MUST BE BACKFILLED AS SHOWN ON THE TRENCHING, BEDDING, AND BACKFILL STANDARD DETAIL.
2. WATER AND SEWER LINES SHALL MAINTAIN A MINIMUM OF HORIZONTAL SEPARATION DISTANCE OF 10 FEET AT ALL TIMES.
3. WATER AND SEWER LINES SHALL MAINTAIN A MINIMUM VERTICAL SEPARATION OF 18 INCHES WITH THE WATER LINE CROSSING ABOVE THE SEWER LINE.
4. ALL CORP. STOPS SHALL BE INSTALLED AT 0-15° ANGLE FROM HORIZONTAL.
5. A MINIMUM OF 24-INCHES OF SEPARATION IS REQUIRED BETWEEN SERVICE TAPS.
6. ALL METER BOXES SHALL BE INSTALLED IN THE CROSS SLOPE OF THE STREET.
7. ALL METER BOXES SHALL BE INSTALLED IN NON-PAVED AREAS. ANY METER BOX THAT GETS PLACED IN A PAVED AREA SHALL BE RELOCATED AT THE OWNER'S EXPENSE BEFORE A WATER METER WILL BE INSTALLED.

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0468

TITLE: **WATER DETAILS**
DESCRIPTION: **METER SERVICE LINE UNDER PAVEMENT**
DRAWN BY: CHECKED BY: FILE: W11-Water Service Line Under Pavement.dwg
DATE: APRIL 2015 REVISED
SHEET: **W11**



WATER METER LID



2-INCH WATER TAP

2-INCH METER SETTER

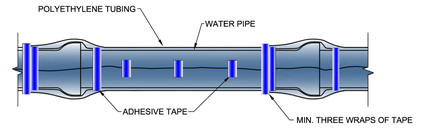
NOTES:

1. COORDINATE INSTALLATION AND CONFIGURATIONOF ALL 1-1/2" AND LARGER METER SETTINGS WITH THE CITY.
2. ALL METER BOXES SHALL BE INSTALLED IN NON-PAVED AREAS. ANY METER BOX THAT GETS PLACED IN A PAVED AREA SHALL BE RELOCATED AT THE OWNER'S EXPENSE BEFORE A WATER METER WILL BE INSTALLED.
3. SUPPORT METER INSTALLATION WITH 1"x24" SCH40 PVC THROUGH EACH BRACE EYE.

2" WATER SERVICE AND WATER METER

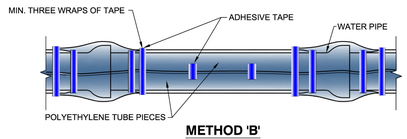
CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0468

TITLE: **WATER DETAILS**
DESCRIPTION: **2" WATER METER**
DRAWN BY: CHECKED BY: FILE: W12-2 Inch Water Meter.dwg
DATE: APRIL 2015 REVISED
SHEET: **W12**



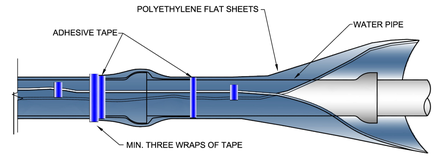
METHOD 'A'

METHOD 'A' USES ONE LENGTH OF POLYETHYLENE TUBE, OVERLAPPED AT THE JOINTS A MINIMUM OF 2 FEET.



METHOD 'B'

METHOD 'B' USES SEPARATE PIECES OF POLYETHYLENE TUBE FOR THE BARREL OF THE PIPE AND THE JOINTS. SHORT PIECES SHALL BE APPROXIMATELY 6' LONG AND OVERLAP BARREL SECTION BY A MINIMUM OF 2 FEET.



METHOD 'C'

METHOD 'C' - USED FOR PIPE-SHAPED AND ODD- SHAPED APPURTENANCES SUCH AS BENDS, REDUCERS, OFFSETS, VALVES, TEES, ETC.

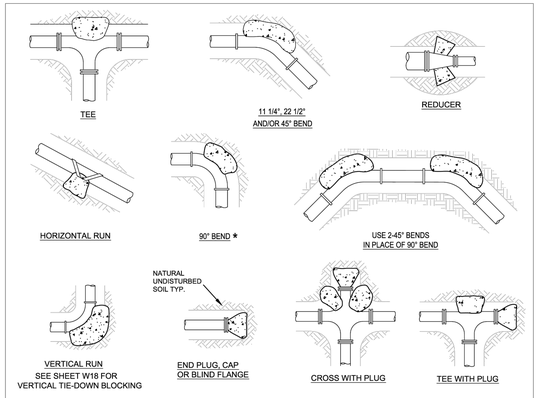
ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE POLY WRAPPED.

THE ANSI/AWWA C105/A21.5 STANDARD OUTLINES THREE METHODS OF INSTALLING POLYETHYLENE ENCASEMENT/ SLEEVING.

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0468

TITLE: **WATER DETAILS**
DESCRIPTION: **POLYETHYLENE PROTECTION MATERIAL**
DRAWN BY: CHECKED BY: FILE: W14-Poly Wrap.dwg
DATE: APRIL 2015 REVISED
SHEET: **W14**

4/16/2015 11:46:29 AM



THRUST BLOCK SCHEDULE

(2000 PSF SOIL, 200 PSI WATER PRESSURE, 100 PSI WATER HAMMER)

BEARING AREA OF THRUST BLOCKS IN SQ. FT. (HORIZONTAL BENDS)						VOLUME OF THRUST BLOCK IN CU. FEET (VERTICAL BENDS)						
FITTING SIZE	PLUG TEE OR CAP	BEND ANGLE 90° *	45°	22 1/2°	11 1/4°	FITTING SIZE	BEND ANGLE 90° *	45°	22 1/2°	11 1/4°	ROD DIAM.	EMBEDMENT
2, 3, & 4	1.9	2.7	1.4	0.7	0.4	2, 3, & 4	35.5	19.2	9.8	4.9	50"	30"
6	5.6	7.9	4.3	2.2	1.1	6	105.8	57.2	29.2	14.7	75"	30"
8	9.6	13.8	7.4	3.8	1.9	8	181.9	98.5	50.2	25.2	75"	30"
12	20.5	29.0	15.7	8.0	4.0	12	387.1	209.5	106.8	53.7	1.0"	30"
16	35.7	50.4	27.3	13.9	7.0	16	672.6	364.0	185.6	93.2	1.0"	36"
18	44.8	63.4	34.3	17.5	18.8	18	844.7	457.2	233.1	117.1	1.0"	36"
24	78.4	110.9	60.0	30.6	15.4	24	1478.7	800.3	408.0	205.0	1.5"	36"

* 90 DEGREE BENDS SHALL ONLY BE USED ON A BY-EXCEPTION BASIS, AND MUST EACH BE SPECIFICALLY APPROVED BY CITY.

THRUST BLOCK NOTES:

1. CONCRETE FOR THRUST BLOCKS - CLASS A CONCRETE SHALL DEVELOP NOT LESS THAN 3000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS AND BE PLACED AGAINST UNDISTURBED SOIL.
2. ALL BENDS, BOTH HORIZONTAL AND VERTICAL, SHALL BE BACKED WITH CONCRETE. VERTICAL BENDS SHALL BE PLACED ON CONCRETE PADS WHERE BENDS TURN UP, OR LOADED WHERE BENDS TURN DOWN.
3. WRAP PIPE JOINTS IN 8 MIL "POLYETHLENE" BEFORE PLACING CONCRETE.
4. BEARING AREA SHOWN IN TABLE, IS BASED UPON A 2000 LB/SF. SOIL BEARING, AND UPON A PIPELINE PRESSURE OF 200 psi. PLUS 100 psi. WATER HAMMER. AREAS SHOWN SHALL BE ADJUSTED, SHOULD FIELD CONDITIONS VARY.
5. MJ RESTRAINTS ARE REQUIRED FOR ALL FITTINGS.
6. USE LONG-RADIUS FITTINGS WHEREVER POSSIBLE.
7. ALL BOLTS FOR FITTINGS SHALL BE 316 STAINLESS STEEL.
8. ALL DUCTILE IRON FITTINGS SHALL BE FUSION-BONDED EPOXY COATED INSIDE AND OUTSIDE IN ACCORDANCE WITH ANSI/AWWA C116/A21.16.
9. UNIT WEIGHT OF CONCRETE FOR VERTICAL THRUST BLOCKS IS 150 LBS/CU. FT.

THRUST BLOCKING

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0468

TITLE: **WATER DETAILS**
DESCRIPTION: **THRUST BLOCKING**
DRAWN BY: CHECKED BY: FILE: W16-Thrust Blocking.dwg
DATE: APRIL 2015 REVISED
SHEET: **W16**

4/24/2015 11:46:57 AM

HOPE CONSULTING, INC. No. 1931 CERTIFICATE OF AUTHORIZATION ARKANSAS

HOPE CONSULTING
ENGINEERS - SURVEYORS
129 N. Main Street,
Benton, Arkansas
72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

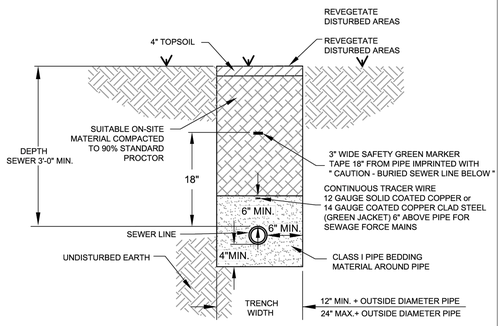
FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
BRYANT WATER SPECIFICATIONS
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:	DRAWING NUMBER:
REVISED:	##	CHECKED BY:	26-0351
SHEET:	C-4.2	SCALE:	

500	01S	14W	0	22	400	62	1573

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SEWER TRENCH

(NON-PAVED AREA)

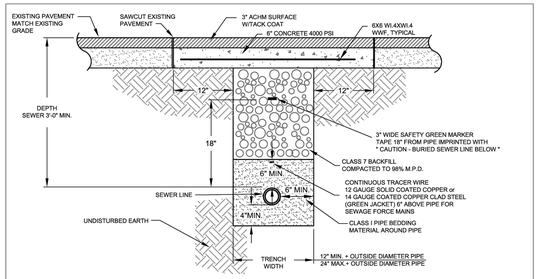
NOTES:

1. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY TO CONNECT WITH ANY PART OF THE EXISTING SEWER SYSTEM THAT WILL REMAIN IN ORDER TO ESTABLISH A SATISFACTORY AND ACCEPTABLE SEWER SYSTEM.
2. CONTRACTOR TO CONSTRUCT ALL TRENCH EXCAVATION IN ACCORDANCE WITH ALL OSHA REGULATIONS (29 CFR CH.XVII, SUBPART B)
3. TRENCH SHALL BE EXCAVATED BELOW GRADE REQUIRED TO PROVIDE A MINIMUM 36" OF PIPE COVER.

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

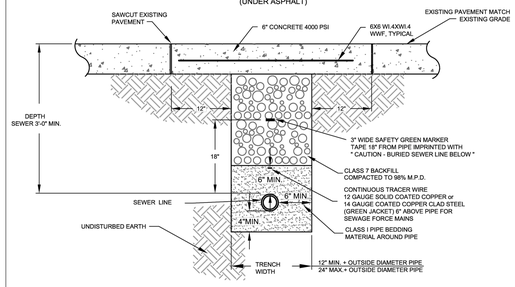
TITLE:	SEWER DETAILS	DATE: APRIL 2015	SHEET:
DESCRIPTION:	SEWER TRENCH (NON-PAVED AREA)	REVISED -----	S1
DRAWN BY:	CHECKED BY:	FILE: S1-Sewer Trench (Non-Paved Area).dwg	-----

4/16/2015 10:56:04 AM



SEWER TRENCH

(UNDER ASPHALT)



SEWER TRENCH

(UNDER CONCRETE)

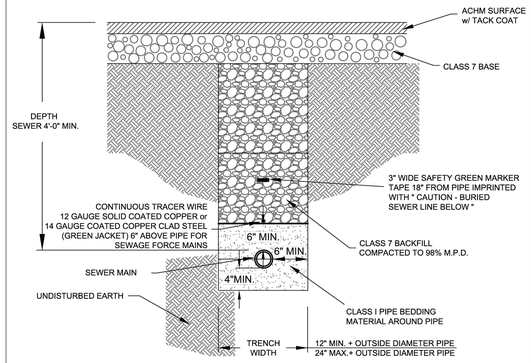
NOTES:

1. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY TO CONNECT WITH ANY PART OF THE EXISTING SEWER SYSTEM THAT WILL REMAIN IN ORDER TO ESTABLISH A SATISFACTORY AND ACCEPTABLE SEWER SYSTEM.
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3. TRENCH SHALL BE EXCAVATED BELOW GRADE REQUIRED TO PROVIDE A MINIMUM 36" OF PIPE COVER.

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WATER UTILITIES
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TITLE:	SEWER DETAILS	DATE: APRIL 2015	SHEET:
DESCRIPTION:	SEWER TRENCH (UNDER PAVEMENT)	REVISED -----	S2
DRAWN BY:	CHECKED BY:	FILE: S2-Sewer Trench (Under Pavement).dwg	-----

4/16/2015 10:56:11 AM



SEWER MAIN INSTALLATION
PRIOR TO ROADWAY CONSTRUCTION

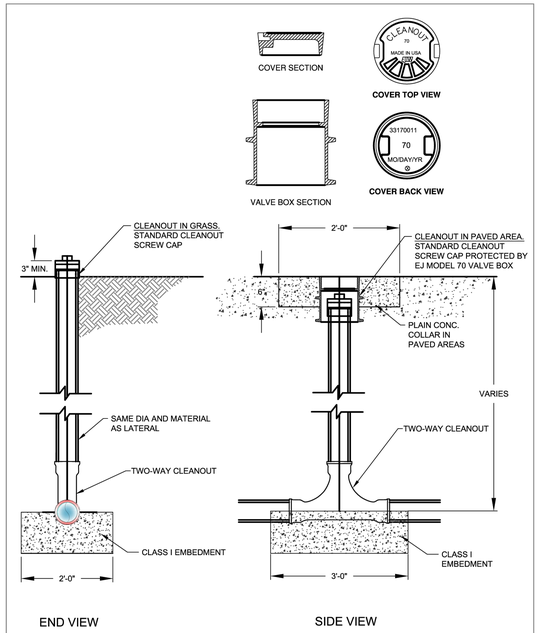
NOTES:

1. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY TO CONNECT WITH ANY PART OF THE EXISTING SEWER SYSTEM THAT WILL REMAIN IN ORDER TO ESTABLISH A SATISFACTORY AND ACCEPTABLE SEWER SYSTEM.
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CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE:	SEWER DETAILS	DATE: APRIL 2015	SHEET:
DESCRIPTION:	SEWER MAIN INSTALLATION PRIOR TO ROADWAY CONSTRUCTION	REVISED -----	S3
DRAWN BY:	CHECKED BY:	FILE: S3-Sewer Main Installation Prior to Roadway Const.dwg	-----

4/16/2015 10:56:18 AM

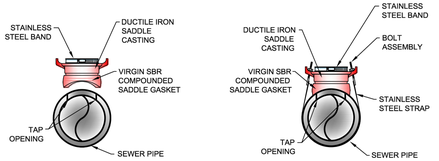


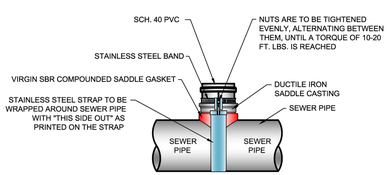
TYPICAL CLEANOUT

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE:	SEWER DETAILS	DATE: APRIL 2015	SHEET:
DESCRIPTION:	SEWER SERVICE CLEANOUT	REVISED -----	S16
DRAWN BY:	CHECKED BY:	FILE: S16-Sewer Service Cleanout.dwg	-----

4/16/2015 10:58:13 AM



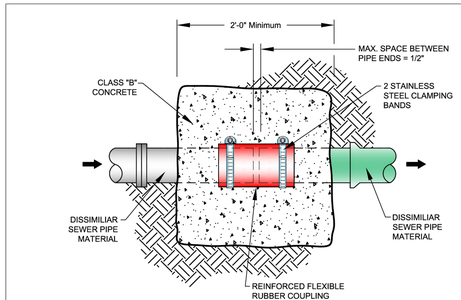


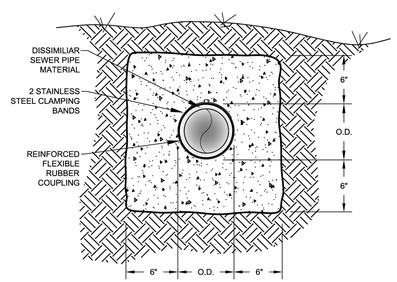
SEWER SERVICE SADDLE

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE:	SEWER DETAILS	DATE: APRIL 2015	SHEET:
DESCRIPTION:	SEWER SERVICE SADDLE	REVISED -----	S17
DRAWN BY:	CHECKED BY:	FILE: S17-Sewer Service Saddle.dwg	-----

4/16/2015 10:58:19 AM





REINFORCE FLEXIBLE COUPLING

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 943-0488

TITLE:	SEWER DETAILS	DATE: APRIL 2015	SHEET:
DESCRIPTION:	REINFORCED FLEXIBLE COUPLING	REVISED -----	S18
DRAWN BY:	CHECKED BY:	FILE: S18-Reinforced Flexible Coupling.dwg	-----

4/16/2015 10:58:26 AM

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HOPE CONSULTING, INC.
No. 1931
ARKANSAS

HOPE CONSULTING
ENGINEERS - SURVEYORS
129 N. Main Street,
Benton, Arkansas
72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
BRYANT SEWER SPECIFICATIONS
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:		DRAWING NUMBER:				
REVISED:	##	CHECKED BY:		26-0351				
SHEET:	C-4.3	SCALE:						
500	01S	14W	0	22	400	62	1573	

H:\DRAWINGS\PROJECTS\2026\26-0351\CIVIL\DWG\26-0351 SEWER DETAILS.DWG 10/21/2026 3:04:05 PM CDT

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CONSOLIDATED RESTAURANT OPERATIONS
DRAINAGE PLAN

840-12216-007
FRED BRINER
PROPERTIES, LLC
2019-004456
0.64 ACRES

PROGRESS WAY (PRIVATE)

MARKETPLACE AVE. (60' PUBLIC)

SDMH RIM 426.93
FULL OF WATER

SDMH RIM 425.41
INV. OUT S (48" RCP) 421.64

SDMH RIM 425.53
INV. IN N (48" RCP) 420.79
INV. OUT S (48" RCP) 420.79

33 L.F. OF 18" RCP @ 1.00%

CI-2-1
STA:0+00.00
RIM:425.74
INV IN:421.17 18 Reinforced Concrete Pipe

840-05786-603
BRYANT REALTY COMPANY, LLC
LOT 3

EXISTING CB
0+00.08 STORM PROFILE
RIM:426.12
INV OUT:421.65 E

45 LF OF EXISTING
36" HDPE @ 0.70%

CB - 1
0+44.76 STORM PROFILE
RIM:428.66
INV IN:421.34 W
INV OUT:421.24 S

99' OF 36" RCP @ 0.21%

PROPOSED BUILDING
AREA 7332.50 SQ.FT.
FFE 430.0'

139' OF 36" RCP @ 0.50%

76 LF OF EXISTING 36" HDPE @ 0.70%

FL OUT :419.512

CB - 2
1+43.55 STORM PROFILE
RIM:426.69
INV IN:420.74 N
INV OUT:420.74 E

CB - 3
2+82.62 STORM PROFILE
RIM:424.90
INV IN:420.04 W
INV OUT:420.04 E

251.09' OF 8" SDR-26 PVC @ .0.40%

INV. 48" RCP FES 422.74

INV. 36" HDPE 419.96

BR
IMPI

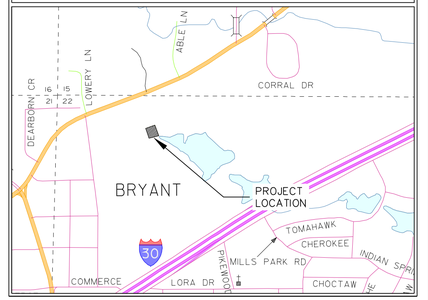
BASIS OF BEARING:
GRID NORTH, ARKANSAS
COORDINATE SYSTEM, SOUTH ZONE BY
GPS OBSERVATION

BAR SCALE: 1"=20'

HDPE

RCP

VICINITY MAP:



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No. 1931
ARKANSAS

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ENGINEERS - SURVEYORS
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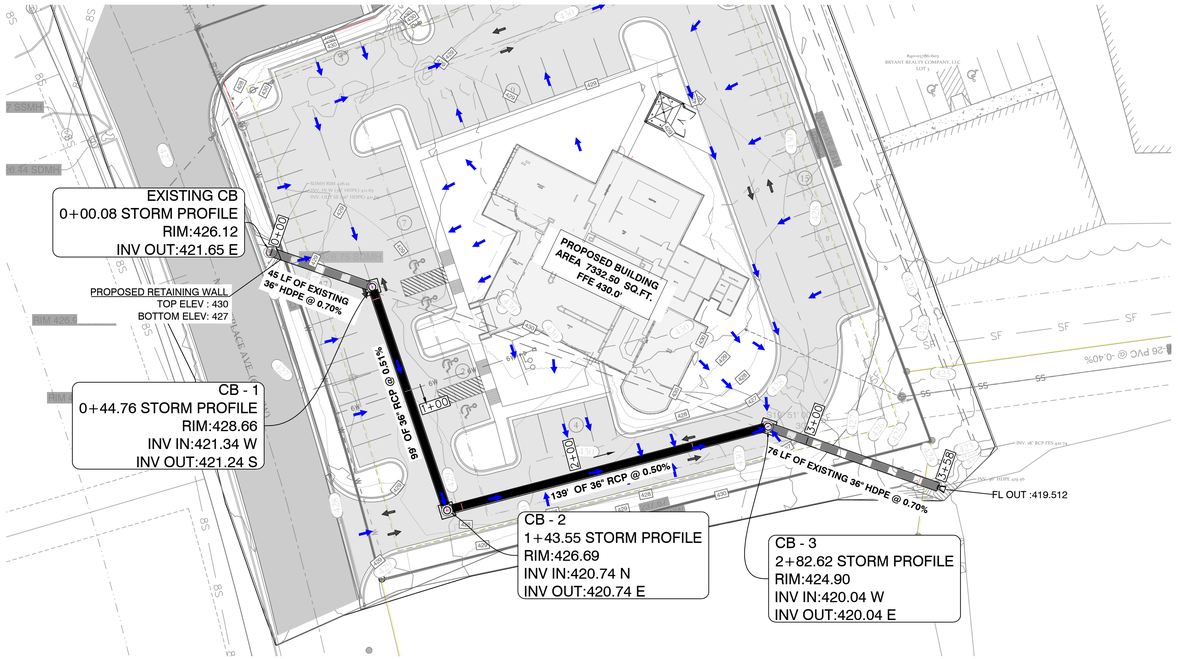
LOCAL RESTAURANT
DRAINAGE PLAN
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

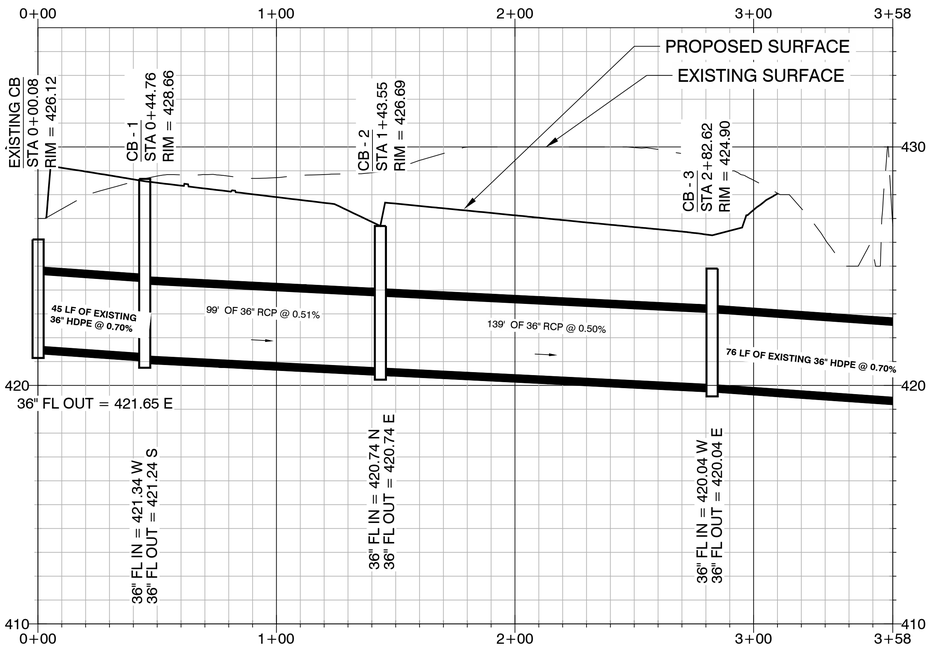
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REVISED:	##	CHECKED BY:	26-0351
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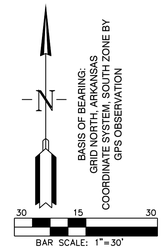
CONSOLIDATED RESTAURANT OPERATIONS
DRAINAGE PLAN



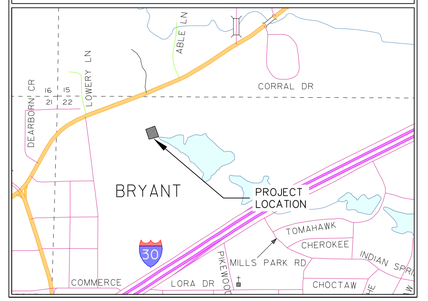


STORM PTOFILE

VERTICAL SCALE 1" = 3'
HORIZONTAL SCALE 1" = 30'



VICINITY MAP:



HDPE
RCP

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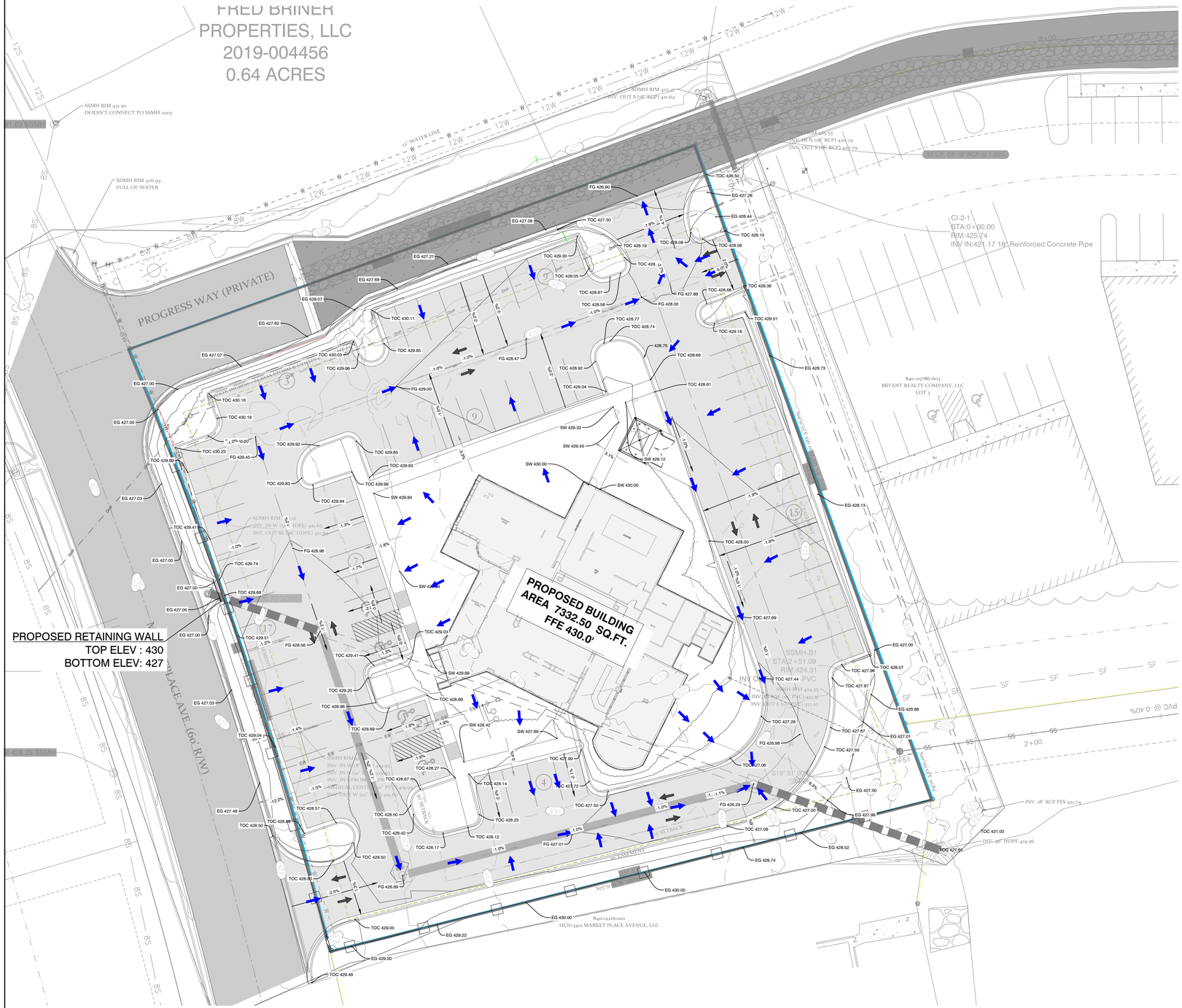
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DRAINAGE PLAN & PROFILES
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

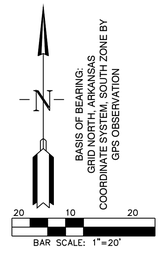
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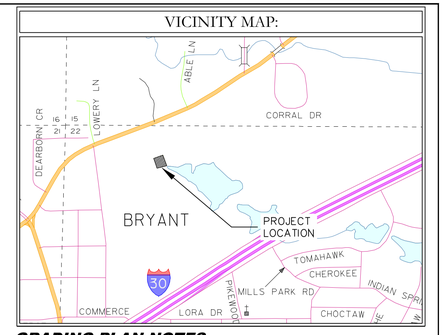
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CONSOLIDATED RESTAURANT OPERATIONS
DRADING PLAN



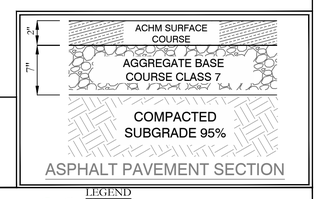




GRADING PLAN NOTES

1. DESIGN CONTOURS SHOWN ARE FINISHED GRADE.
2. SPOT ELEVATIONS SHOWN ARE FINISHED GROUND,SIDEWALK ELEVATIONS, EXISTING GROUND.
3. CLEAR AND GRUB AREAS OF THE SITE WHERE CUT OR FILL IS TO OCCUR.
4. FILL SHALL BE COMPACTED TO AT LEAST 98% OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DRY DENSITY.
5. THE MOISTURE CONTENT OF FILL MATERIAL SHALL BE WITHIN THE RANGE OF 1% BELOW TO 3% ABOVE THE OPTIMUM MOISTURE CONTENT.
6. SUBGRADES SHALL BE PROOF-ROLLED WITH A LOADED DUMP TRUCK TO DETECT ZONES OF UNSUITABLE AND/OR EXCESSIVELY WET SOILS. IF PUMPING BEGINS, COMPACTION SHALL BE STOPPED IMMEDIATELY AND RESUMED ONLY WHEN THE MATERIAL IS SUFFICIENTLY DRY THAT PUMPING DOES NOT OCCUR.
7. ALL UNUSABLE SOILS SHALL BE USED ON SITE FOR FILL PURPOSES OUTSIDE THE AREAS OF BUILDING AND PAVEMENT CONSTRUCTION.
8. OWNER IS RECOMMENDED TO HAVE FENCE AROUND DETENTION POND.

LEGEND
TOC = TOP OF CURB
FG = FINISH GRADE
EG = EXISTING GRADE
SW = TOP OF SIDEWALK



LEGEND

- PLSS Aliquot Corner	- Clean Out	x x - Fence
- Fnd. Corner Monument	- Water Meter	OHP - Overhead Power
- Set 1/2" Rebar/Cap (1664)	- Power Pole	SS - Sewer Line
- Computed Point	- Sewer Manhole	W - Water Line
(M) - As Measured	- Light Pole	UGT - Telephone Line
(P) - Per Deed or Plat Records	- Telephone Pedestal	UGE - Electric Line
ESMT - Easement	- Drainage Manhole	GAS - Gas Line
B.S.L. - Building Setback Lines	- Gas Meter	

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LOCAL RESTAURANT
GRADING PLAN
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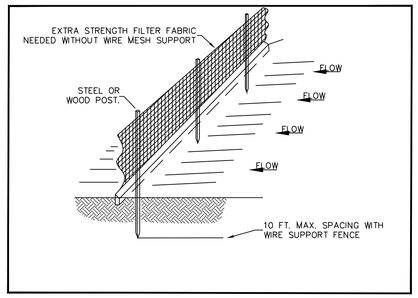
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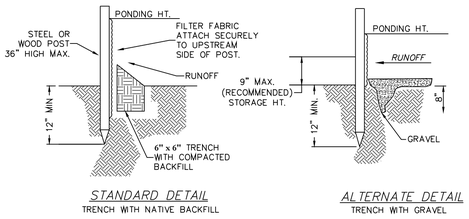
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EROSION CONTROL PLAN
PHASE-1 PLAN A







SILT FENCE MATERIAL: IT SHALL BE EXTRA STRENGTH SYNTHETIC FABRIC WITH WIRE BACK.
NOTE:
1.) INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.

2.) REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

3.) SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

4.) IF THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER SHALL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

5.) THE MAXIMUM ALLOWABLE SLOPE LENGTH IS LESS THAN 2% PER 100 FT ALLOWABLE LENGTH.

6.) THE MAXIMUM DRAINAGE AREA CONTRIBUTING FLOW TO A SILT FENCE DID NOT EXCEED 0.5 ACRES PER 100-FT OF FENCE.

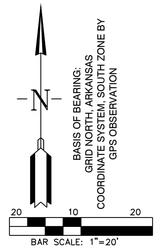
7.) SILT FENCES ARE PLACED BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES.

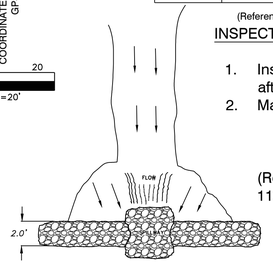
8.)NO STOCKPILES ARE PLANNED.

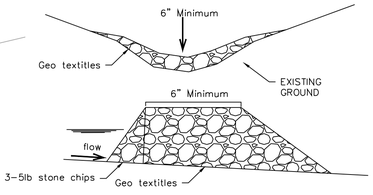
9.)SILT FENCE INSTALLATION AND MAINTENANCE SHALL COMPLY WITH SECTION 1100.5 (BRYANT), INCLUDING TRENCHING, BACKFILL, POST SPACING, AND INSPECTION REQUIREMENTS.

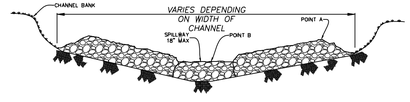
10.)INSPECT WEEKLY AND AFTER 0.5"RAINFALL. REPLACE DAMAGED/FAILED FENCE WITHIN 24-48 HRS. REPLACE FABRIC WHEN TORN/DETERIORATED. REMOVE SEDIMENT AT ½ HEIGHT. MAINTAIN UNTIL FINAL STABILIZATION.

SILT FENCE









NOTES:
1. FOR USE IN SMALL CHANNELS WITH DRAINAGE AREAS OF 50 ACRES OR LESS
2. MUST BE USED IN CONJUNCTION WITH OTHER APPROPRIATE SEDIMENT CONTROL MEASURES.
3. USE BELOW CULVERT INSTALLATIONS, DAM CONSTRUCTION, OR ANY PROJECT THAT MAY INVOLVE GRADING ACTIVITY DIRECTLY IN A STREAM.
4. NOT INTENDED TO SUBSTANTIALLY IMPOUND WATER.
5. USE AT THE UPSTREAM END OF PONDS OR LAKES.
6. EDGES SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS.
7. CENTER SHOULD BE AT LEAST 6 INCHES LOWER THAN THE OUTER EDGES OF THE DAM AT THE CHANNEL BANKS.
8. HEIGHT SHOULD NOT EXCEED ELEVATION OF UPSTREAM PROPERTY LINES.
9. SIDE SLOPES SHOULD BE 2:1 OR FLATTER.
10. TOP WIDTH SHOULD BE GREATER THAN 6 FEET.
11. EXTEND COMPLETELY ACROSS THE CHANNEL AND SECURELY TIE INTO BOTH CHANNEL BANKS.
12. REQUIRES PERIODIC INSPECTION AND MAINTENANCE.
13. SEDIMENT REMOVED WHEN IT REACHES ONE-HALF OF THE ORIGINAL DAM HEIGHT.

NOTES:
1.) POINT 'A' MUST BE HIGHER THAN POINT 'B' (SPILLWAY HEIGHT)
2.)CHECK DAM MUST BE CONSTRUCTED USING WELL GRADED GRADATION STONE.
3.) USE RIP-RAP BLOCKS OVER FILTER CLOTH TO HOLD STONE. FOUR GROUPING. USE STRAW, ROCKS, OR FILTER FABRIC TO FILL ANY GAPS AND TAMP BACKFILL MATERIAL TO PREVENT EROSION OR FLOW AROUND THE DAM.
4.) SPILLWAY HEIGHT SHALL NOT EXEED 18"-24"
4.) INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPTLY.

RIP-RAP CHECK DAM

MATERIAL SPECIFICATION: RIP-RAP; CLASS 1 STONE PER ARDOT 401. FILTER FABRIC: NON-WOVEN GEOTEXTILE (AASHTO M288 CLASS 2). BEDDING: 2-6 IN STONE OR NO.57/67 AGGREGATE. PLACE RIP-RAP TO FORM STABLE, INTERLOCKED DAM

EROSION CONTROL NOTES

SOD OR NO SEED DETENTION AREA POST-CONSTRUCTION (IF APPLICABLE)

MAXIMUM SLOPE OF 3H:1V ON DETENTION POND LEVEES

CONTRACTOR MUST HAVE INLET PROTECTION MEASURES INSTALLED IMMEDIATELY AFTER CONSTRUCTION OF DRAINAGE INLETS/STRUCTURES IS COMPLETE. SEDIMENT BARRIERS SHALL BE MAINTAINED THROUGHOUT AND INSPECTED THROUGHOUT CONSTRUCTION PROCESS UNTIL PROJECT IS COMPLETE

RIP RAP SEDIMENT BARRIERS SHALL BE USED AT ALL STORMWATER DISCHARGE POINTS SHOWN ON PLANS ASAP

CONTRACTOR SHOULD WORK WITH ENGINEER TO ESTABLISH EFFECTIVE AND EFFICIENT PLAN TO PREVENT SEDIMENT RUNOFF BY DETERMINING WHERE SILT FENCING OR OTHER TYPES OF CONTROLS ARE NECESSARY

SOME EROSION CONTROL MEASURES, SILT FENCING, OR CHECK DAMS MAY NOT BE NECESSARY DURING INITIAL ROW CLEARING BUT MAY BE NEEDED ONCE LOT CLEARING AND HOME BUILDING BEGINS

EXISTING VEGETATION THAT IS ESTABLISHED WILL BE PRESERVED.

AREAS INACTIVE >14 DAYS SHALL BE TEMPORARILY STABILIZED WITH TEMPORARY SEED, STRAW MULCH, HYDROMULCH, OR EROSION CONTROL BLANKET PER BRYANT SECTION 1100.

THE ECP IS SUBJECT TO CHANGE BASED UP ON CURRENT SITE CONDITIONS. ADDITIONAL MEASURE MAY BE NEEDED TO MITIGATE ILLICIT DISCHARGES OF SEDIMENT AND/OR DEBRIS FROM THE SITE.

ERC LEGEND

SITE POSTING

DISTURBED AREA

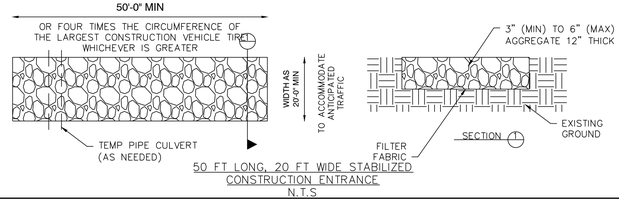
CONC. WASHOUT DETENTION AREA

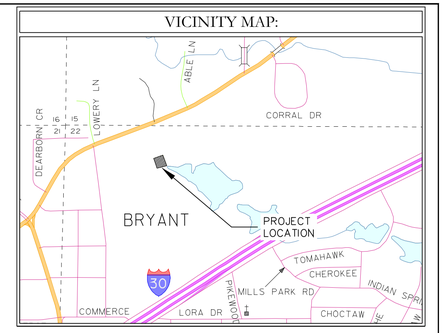
WATER FLOW

SILT FENCE

RIP RAP CHECK DAM

CONSTRUCTION ENTRANCE





SEQUENCE OF CONSTRUCTION PLAN

Step	Activity	ESC / Control Measures	Notes
1.	Install temporary ESC	Silt fence, construction entrance, riprap	Silt fence must be inspected weekly and after 0.5" rainfall. Damaged/failed fence will be replaced within 24-48 hrs. Fabric will be replaced when torn/deteriorated. Sediment will be removed at ½ height and maintained until final Stabilization.Additional silt fencing may be needed, or silt fencing may need to be relocated once the rough grading has been completed on the site (prior to the final grading.
2.	Site Clearing	Maintain temporary ESC, protect sensitive areas	Limit disturbance to only necessary areas
3.	Pond Construction	Temporary ESC continues	Cover disturbed areas not immediately worked
4.	Final Grading / Slope Stabilization	Temporary ESC still in place	Install permanent measures where needed
5.	Permanent Control Installation	Permanent pond structures, spillway, riprap, ditches	Remove temporary ESC only after permanent controls installed and stabilized
6.	Vegetation / Stabilization	Permanent seeding / sod	Stabilize slopes and disturbed areas as soon as possible
7.	Monitoring & Maintenance	Weekly inspections, repair damaged ESC measures	Follow SWPPP inspection schedule (every 7 days or after rain ≥0.5")
8.	Site Final Stabilization	Confirm 80% vegetative cover or equivalent permanent measures	Required before filing Notice of Termination (NOT)
9.	Project Completion / Termination	Remove temporary measures, submit NOT	Only after full stabilization

(Reference: Bryant Stormwater Management Manual,Sections 1104.4.1-1104.4.7)

INSPECTION & MAINTENANCE PLAN

1. Inspect all disturbed areas weekly and within 24 hours after any storm ≥0.5 inches.
2. Maintain in effective condition:
   - Vegetation
   - Erosion & sediment control measures
   - Other protective measures shown on the plan

(Ref: Bryant Stormwater Management Manual, Section 1104.4.7)

1. **PHASE 1 PLAN A:**

*INSTALL SILT FENCE AROUND PROJECT
*INSTALL CONSTRUCTION ENTRANCE
*MAINTAIN EXISTING DRAINAGE SWALE DURING INITIAL PHASE OF CONSTRUCTION

PHASE 2 PLAN B:

*INSTALL CONCRETE WASHOUT LOCATION
*INSTALL SILT FENCE AROUND CATCH BASINS
*INSTALL ROCK CHECK DAM AT PIPE OUTFALL
*MAINTAIN SILT FENCE AROUND PROJECT

PHASE 3 PLAN C:

*INSTALL SILT BARRIERS AROUND CATCH BASINS ON SITE
*SEED AND DISTURBED AREAS ON THE PROJECT ARE MAINTAINED BY SILT FENCE AROUND PROJECT UNTIL VEGETATION IS COMPLETELY ESTABLISHED.
*ANY DAMAGED BMP MEASURES SHALL BE REPLACED OR REPAIRED BEFORE THE NEXT RAIN EVENT, BUT NO LONGER THAN 3 BUSINESS DAYS FROM DATE OF DAMAGE.

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LOCAL RESTAURANT
EROSION CONTROL PLAN: PHASE-1 PLAN A
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

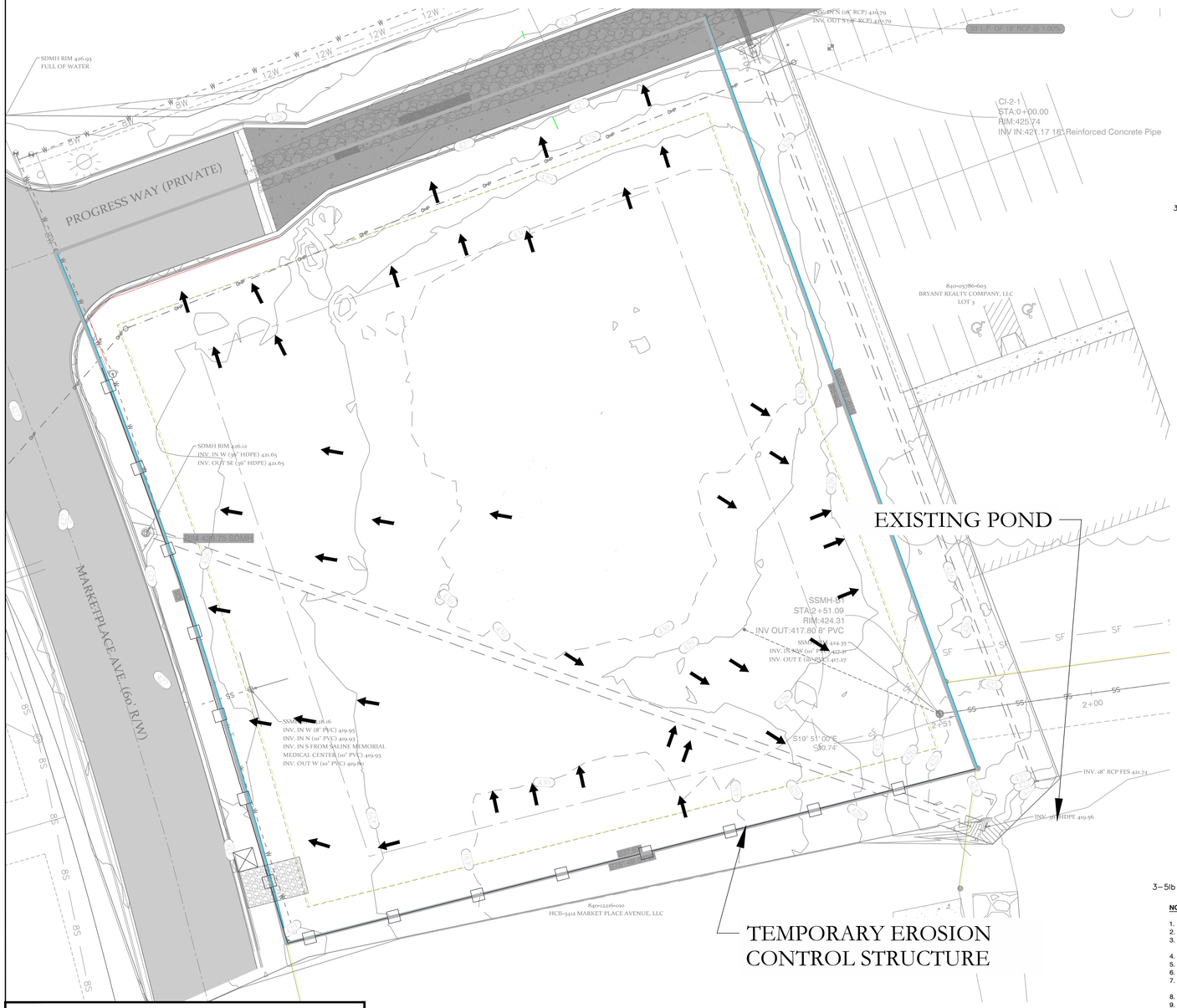
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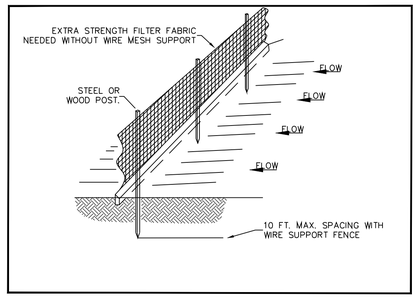
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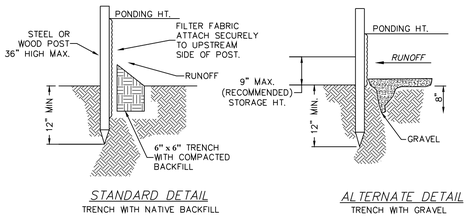
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EROSION CONTROL PLAN
PHASE-2 PLAN B







SILT FENCE MATERIAL: IT SHALL BE EXTRA STRENGHTH SYNTHETIC FABRIC WITH WIRE BACK.
NOTE:
1.) INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.

2.) REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

3.) SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

4.) IF THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER SHALL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

5.) THE MAXIMUM ALLOWABLE SLOPE LENGTH IS LESS THAN 2% PER 100 FT ALLOWABLE LENGTH.

6.) THE MAXIMUM DRAINAGE AREA CONTRIBUTING FLOW TO A SILT FENCE DID NOT EXCEED 0.5 ACRES PER 100-FT OF FENCE.

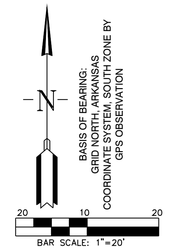
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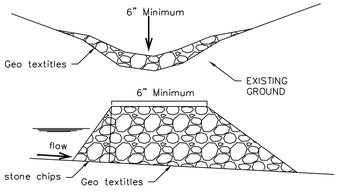
8.)NO STOCKPILES ARE PLANNED.

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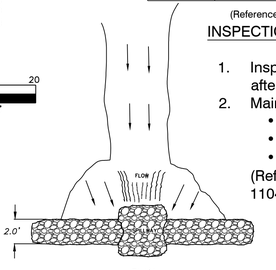
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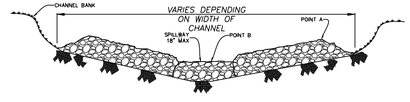
SILT FENCE





NOTES:
1. FOR USE IN SMALL CHANNELS WITH DRAINAGE AREAS OF 50 ACRES OR LESS
2. MUST BE USED IN CONJUNCTION WITH OTHER APPROPRIATE SEDIMENT CONTROL MEASURES.
3. USE BELOW CULVERT INSTALLATIONS, DAM CONSTRUCTION, OR ANY PROJECT THAT MAY INVOLVE GRADING ACTIVITY DIRECTLY IN A STREAM.
4. NOT INTENDED TO SUBSTANTIALLY IMPOUND WATER.
5. USE AT THE UPSTREAM END OF PONDS OR LAKES.
6. EDGES SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS.
7. CENTER SHOULD BE AT LEAST 6 INCHES LOWER THAN THE OUTER EDGES OF THE DAM AT THE CHANNEL BANKS.
8. HEIGHT SHOULD NOT EXCEED ELEVATION OF UPSTREAM PROPERTY LINES.
9. SIDE SLOPES SHOULD BE 2:1 OR FLATTER.
10. TOP WIDTH SHOULD BE GREATER THAN 6 FEET.
11. EXTEND COMPLETELY ACROSS THE CHANNEL AND SECURELY TIE INTO BOTH CHANNEL BANKS.
12. REQUIRES PERIODIC INSPECTION AND MAINTENANCE.
13. SEDIMENT REMOVED WHEN IT REACHES ONE-HALF OF THE ORIGINAL DAM HEIGHT.





NOTES:
1.) POINT 'A' MUST BE HIGHER THAN POINT 'B' (SPILLWAY HEIGHT)
2.)CHECK DAM MUST BE CONSTRUCTED USING WELL GRADED STONE, SMALLER STONE SIZES MAY ALLOW WATER TO FLOW THROUGH DAM RATHER THAN OVER. FOR BEST RESULTS, USE STRAW, ROCKS, OR FILTER FABRIC TO FILL ANY GAPS AND TAMP BACKFILL MATERIAL TO PREVENT EROSION OR FLOW AROUND THE DAM.
3.) SPILLWAY HEIGHT SHALL NOT EXEED 18"-24".
4.) INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPTLY.

RIP-RAP CHECK DAM

MATERIAL SPECIFICATION: RIP-RAP; CLASS 1 STONE PER ARDOT 401. FILTER FABRIC: NON-WOVEN GEOTEXTILE (AASHTO M288 CLASS 2). BEDDING: 2-6 IN STONE OR NO.57/67 AGGREGATE. PLACE RIP-RAP TO FORM STABLE, INTERLOCKED DAM

EROSION CONTROL NOTES

SOD OR NO SEED DETENTION AREA POST-CONSTRUCTION (IF APPLICABLE)

MAXIMUM SLOPE OF 3H:1V ON DETENTION POND LEVEES

CONTRACTOR MUST HAVE INLET PROTECTION MEASURES INSTALLED IMMEDIATELY AFTER CONSTRUCTION OF DRAINAGE INLETS/STRUCTURES IS COMPLETE. SEDIMENT BARRIERS SHALL BE MAINTAINED THROUGHOUT AND INSPECTED THROUGHOUT CONSTRUCTION PROCESS UNTIL PROJECT IS COMPLETE

RIP RAP SEDIMENT BARRIERS SHALL BE USED AT ALL STORMWATER DISCHARGE POINTS SHOWN ON PLANS ASAP

CONTRACTOR SHOULD WORK WITH ENGINEER TO ESTABLISH EFFECTIVE AND EFFICIENT PLAN TO PREVENT SEDIMENT RUNOFF BY DETERMINING WHERE SILT FENCING OR OTHER TYPES OF CONTROLS ARE NECESSARY

SOME EROSION CONTROL MEASURES, SILT FENCING, OR CHECK DAMS MAY NOT BE NECESSARY DURING INITIAL ROW CLEARING BUT MAY BE NEEDED ONCE LOT CLEARING AND HOME BUILDING BEGINS

EXISTING VEGETATION THAT IS ESTABLISHED WILL BE PRESERVED.

AREAS INACTIVE >14 DAYS SHALL BE TEMPORARILY STABILIZED WITH TEMPORARY SEED, STRAW MULCH, HYDROMULCH, OR EROSION CONTROL BLANKET PER BRYANT SECTION 1100.

THE ECP IS SUBJECT TO CHANGE BASED UP ON CURRENT SITE CONDITIONS. ADDITIONAL MEASURE MAY BE NEEDED TO MITIGATE ILLICIT DISCHARGES OF SEDIMENT AND/OR DEBRIS FROM THE SITE.

ERC LEGEND

SITE POSTING

DISTURBED AREA

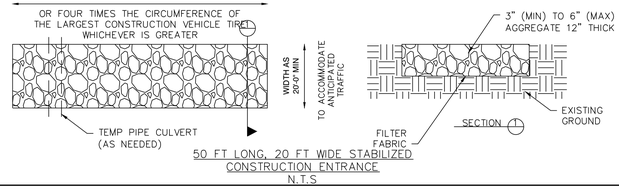
CONC. WASHOUT DETENTION AREA

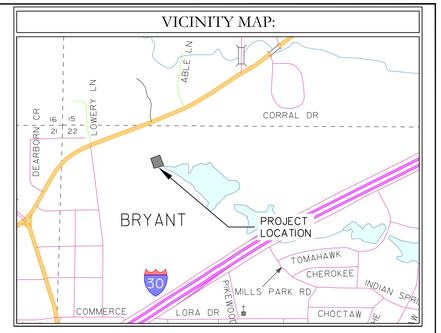
WATER FLOW

SILT FENCE

RIP RAP CHECK DAM

CONSTRUCTION ENTRANCE





SEQUENCE OF CONSTRUCTION PLAN

Step	Activity	ESC / Control Measures	Notes
1.	Install temporary ESC	Silt fence, construction entrance, riprap	Silt fence must be inspected weekly and after 0.5" rainfall. Damaged/failed fence will be replaced within 24-48 hrs. Fabric will be replaced when torn/deteriorated. Sediment will be removed at ½ height and maintained until final Stabilization.Additional silt fencing may be needed, or silt fencing may need to be relocated once the rough grading has been completed on the site (prior to the final grading.
2.	Site Clearing	Maintain temporary ESC, protect sensitive areas	Limit disturbance to only necessary areas
3.	Pond Construction	Temporary ESC continues	Cover disturbed areas not immediately worked
4.	Final Grading / Slope Stabilization	Temporary ESC still in place	Install permanent measures where needed
5.	Permanent Control Installation	Permanent pond structures, spillway, riprap, ditches	Remove temporary ESC only after permanent controls installed and stabilized
6.	Vegetation / Stabilization	Permanent seeding / sod	Stabilize slopes and disturbed areas as soon as possible
7.	Monitoring & Maintenance	Weekly inspections, repair damaged ESC measures	Follow SWPPP inspection schedule (every 7 days or after rain ≥0.5")
8.	Site Final Stabilization	Confirm 80% vegetative cover or equivalent permanent measures	Required before filing Notice of Termination (NOT)
9.	Project Completion / Termination	Remove temporary measures, submit NOT	Only after full stabilization

(Reference: Bryant Stormwater Management Manual,Sections 1104.4.1-1104.4.7)

INSPECTION & MAINTENANCE PLAN

1. Inspect all disturbed areas weekly and within 24 hours after any storm ≥0.5 inches.
2. Maintain in effective condition:
   - Vegetation
   - Erosion & sediment control measures
   - Other protective measures shown on the plan

(Ref: Bryant Stormwater Management Manual, Section 1104.4.7)

1. **PHASE 1 PLAN A:**

*INSTALL SILT FENCE AROUND PROJECT
*INSTALL CONSTRUCTION ENTRANCE
*MAINTAIN EXISTING DRAINAGE SWALE DURING INITIAL PHASE OF CONSTRUCTION

PHASE 2 PLAN B:

*INSTALL CONCRETE WASHOUT LOCATION
*INSTALL SILT FENCE AROUND CATCH BASINS
*INSTALL ROCK CHECK DAM AT PIPE OUTFALL
*MAINTAIN SILT FENCE AROUND PROJECT

PHASE 3 PLAN C:

*INSTALL SILT BARRIERS AROUND CATCH BASINS ON SITE
*SEED AND DISTURBED AREAS ON THE PROJECT ARE MAINTAINED BY SILT FENCE AROUND PROJECT UNTIL VEGETATION IS COMPLETELY ESTABLISHED.
*ANY DAMAGED BMP MEASURES SHALL BE REPLACED OR REPAIRED BEFORE THE NEXT RAIN EVENT, BUT NO LONGER THAN 3 BUSINESS DAYS FROM DATE OF DAMAGE.

HOPE CONSULTING ENGINEERS - SURVEYORS
129 N. Main Street,
Benton, Arkansas
72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
EROSION CONTROL PLAN: PHASE-2 PLAN B
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:	DRAWING NUMBER:
REVISED:	##	CHECKED BY:	26-0351
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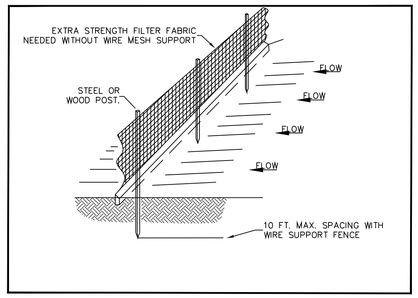
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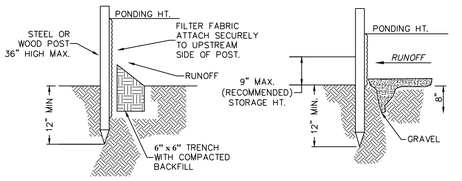
CERTIFICATE OF AUTHORIZATION — HOPE CONSULTING, INC. — No. 1931 — ARKANSAS

H:\SHARED\HOPECONSULTING\LAND PROJECTS 2026\COMMERCIAL\2026-26-0351\CIVIL\DWG\YOYO 26-0352-DESIGN-9-29-2026_RECOVERY.DWG

EROSION CONTROL PLAN
PHASE-1 PLAN A







STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

ALTERNATE DETAIL
TRENCH WITH GRAVEL

SILT FENCE MATERIAL: IT SHALL BE EXTRA STRENGHTH SYNTHETIC FABRIC WITH WIRE BACK.
NOTE:
1.) INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.

2.) REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

3.) SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

4.) IF THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER SHALL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

5.) THE MAXIMUM ALLOWABLE SLOPE LENGTH IS LESS THAN 2% PER 100 FT ALLOWABLE LENGTH.

6.) THE MAXIMUM DRAINAGE AREA CONTRIBUTING FLOW TO A SILT FENCE DID NOT EXCEED 0.5 ACRES PER 100-FT OF FENCE.

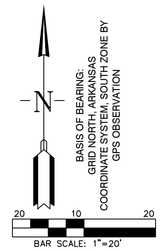
7.) SILT FENCES ARE PLACED BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES.

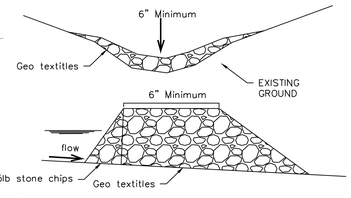
8.)NO STOCKPILES ARE PLANNED.

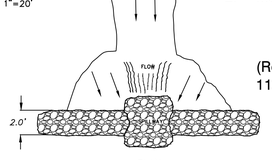
9.)SILT FENCE INSTALLATION AND MAINTENANCE SHALL COMPLY WITH SECTION 1100.5 (BRYANT), INCLUDING TRENCHING, BACKFILL, POST SPACING, AND INSPECTION REQUIREMENTS.

10.)INSPECT WEEKLY AND AFTER 0.5"RAINFALL. REPLACE DAMAGED/FAILED FENCE WITHIN 24-48 HRS. REPLACE FABRIC WHEN TORN/DETERIORATED. REMOVE SEDIMENT AT ½ HEIGHT. MAINTAIN UNTIL FINAL STABILIZATION.

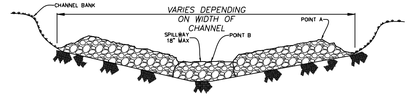
SILT FENCE







PLAN



VIEW LOOKING UPSTREAM

NOTES:
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13. SEDIMENT REMOVED WHEN IT REACHES ONE-HALF OF THE ORIGINAL DAM HEIGHT.

NOTES:
1.) POINT 'A' MUST BE HIGHER THAN POINT 'B' (SPILLWAY HEIGHT).
2.)CHECK DAM MAY BE CONSTRUCTED USING RIP-RAP, SMALLER GRADATION STONE, OR SANDBAGS. RIP- RAP SHOULD BE USED FOR LARGER CHANNELS OF FLOW. USE STRAW, ROCKS, OR FILTER FABRIC TO FILL ANY GAPS AND TAMP BACKFILL MATERIAL TO PREVENT EROSION OR FLOW AROUND THE DAM.
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ERC LEGEND

SITE POSTING

DISTURBED AREA

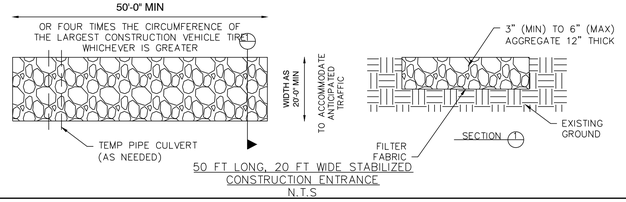
CONC. WASHOUT DETENTION AREA

WATER FLOW

SILT FENCE

RIP RAP CHECK DAM

CONSTRUCTION ENTRANCE



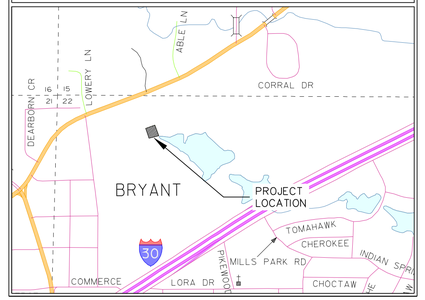
50 FT LONG, 20 FT WIDE STABILIZED CONSTRUCTION ENTRANCE
N.T.S

HDPE

RCP



VICINITY MAP:



SEQUENCE OF CONSTRUCTION PLAN

Step	Activity	ESC / Control Measures	Notes
1.	Install temporary ESC	Silt fence, construction entrance, riprap	Silt fence must be inspected weekly and after 0.5" rainfall. Damaged/failed fence will be replaced within 24-48 hrs. Fabric will be replaced when torn/deteriorated. Sediment will be removed at ½ height and maintained until final Stabilization.Additional silt fencing may be needed, or silt fencing may need to be relocated once the rough grading has been completed on the site (prior to the final grading.
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(Reference: Bryant Stormwater Management Manual,Sections 1104.4.1-1104.4.7)

INSPECTION & MAINTENANCE PLAN

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   - Vegetation
   - Erosion & sediment control measures
   - Other protective measures shown on the plan

(Ref: Bryant Stormwater Management Manual, Section 1104.4.7)

1. **PHASE 1 PLAN A:**

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PHASE 3 PLAN C:

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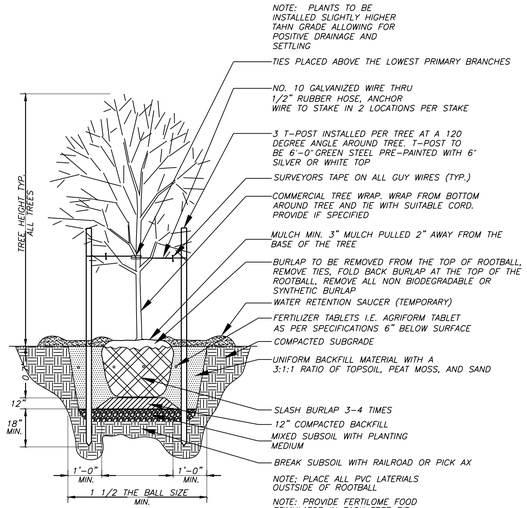
FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
EROSION CONTROL PLAN: PHASE-3 PLAN C
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:	DRAWING NUMBER:
REVISED:	##	CHECKED BY:	26-0351
SHEET:	C-7.2	SCALE: 1" = 20"	

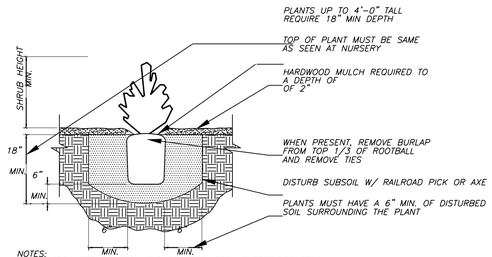
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1 TREE PLANTING DETAIL

No Scale



NOTES:
1. PROVIDE WEED CONTROL AND/OR FERTILIZER AS SPECIFIED BELOW.
2. WEED CONTROL AND FERTILIZER MAY BE APPLIED AT A LATER DATE TO COMPLY WITH SEASONAL CONDITIONS AND THE GROWING PERIOD.
3. PROVIDE AGRIFORM TABLETS AS PER MANUFACTURERS RECOMMENDATIONS.
4. PROVIDE HOMOGENOUS BACKFILL PLANTING MIXTURE OF 3:1 RATIO TOPSOIL TO PEATMOSS AND/OR OTHER APPROVED SOIL ADMENDMENTS.
5. PROVIDE FERTILOME ROOT STIMULATOR OR APPROVED EQUAL IN PITS.
6. APPLY BALAN PREEMERGENT WEED CONTROL OR APPROVED EQUAL TREATMENT ON ALL SHRUB AND GROUNDCOVER BEDS.

2 SHRUB PLANTING DETAIL

NTS

GENERAL NOTES:

NO PLANTING WITHIN 5 FEET OF A FIRE HYDRANT.

SPACING WILL BE 40' BETWEEN TREES.

TREE MUST BE A MINIMUM 3" IN DIAMETER @ THE BASE AND 12'+ TALL.

EXISTING TREES MEETING THE MINIMUM SIZE CAN BE COUNTED TO MEET THE CRITERIA.

NO TREES CAN BE PLANTED WITHIN THIRTY-FOOT (30') OF A PROPERTY COMER OR DRIVEWAY.

SHRUBS ALONG STREET FIGHT-OF-WAY LINES CANNOT EXCEED THIRTY INCHES (30") IN HEIGHT.

SEPARATIONS NOTED IN THE ZONING REGULATIONS MUST BE BERMED OR SCREENED WITH LANDSCAPING AND GROUND COVER OR GRASS.

MAINTENANCE:

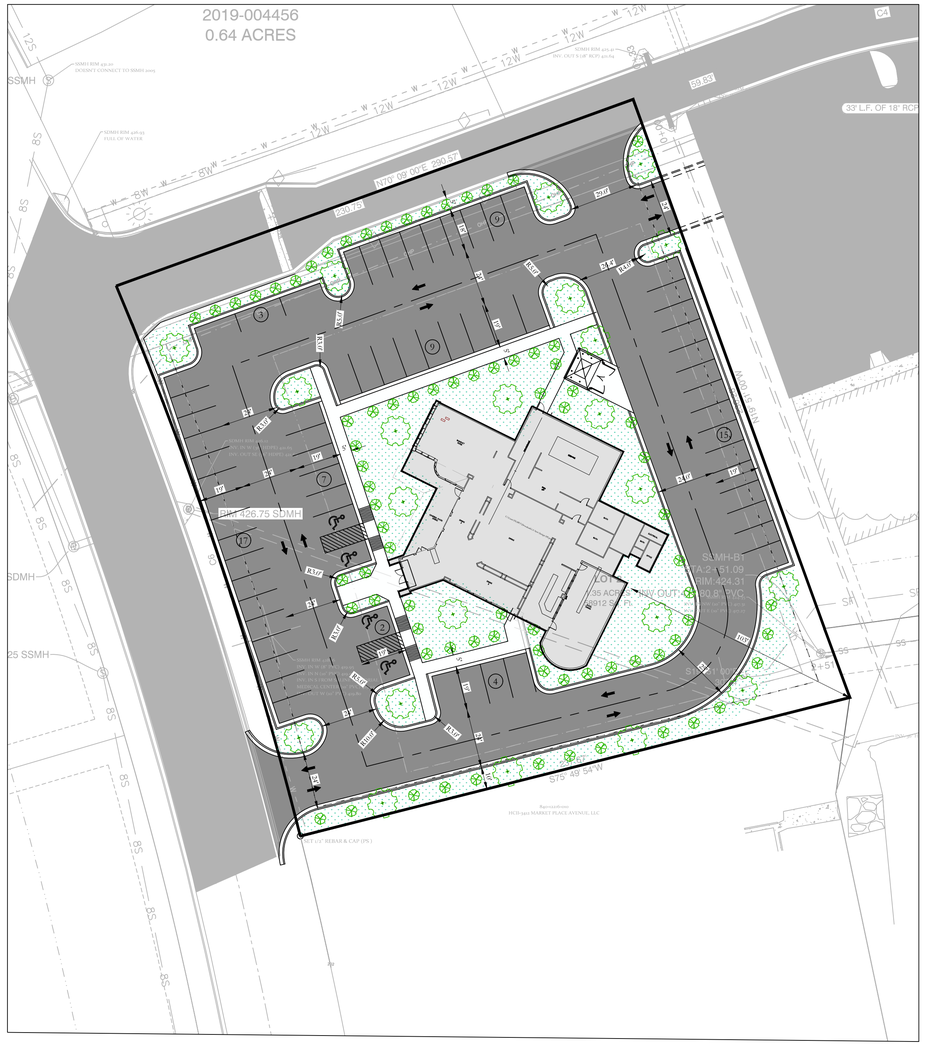
THE DEVELOPER, HIS SUCCESSOR AND THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR REGULAR WEEDING, IRRIGATING, FERTILIZING, PRUNING AND OTHER MAINTENANCE OF ALL PLANTING ON PRIVATE PROPERTY OF A DEVELOPMENT. PLANT MATERIALS WHICH ARE INSTALLED FOR COMPLIANCE WITH THIS ORDINANCE, BOTH ON PRIVATE PROPERTY AND THE PUBLIC RIGHT-OF-WAY, WHICH EXHIBIT EVIDENCE OF INSECT PESTS, DISEASE AND/OR DAMAGE, SHALL BE APPROPRIATELY TREATED AND DEAD PLANT MATERIALS SHALL BEREPLACED.

THE OWNER OF LAND ABUTTING A CONSTRUCTED PUBLIC RIGHT-OF-WAY SHALL BE RESPONSIBLE FOR THE TREE PLANTING STRIP LYING BETWEEN THE PRIVATE PROPERTY LINE AND THE CURBLINE OR BACKSLOPE LINE AND SHALL BE REQUIRED TO REGULARLY WEED, MOW, PRUNE AND MAINTAIN PLANTINGS IN COMPLIANCE WITH GOOD HORTICULTURAL PRACTICES.

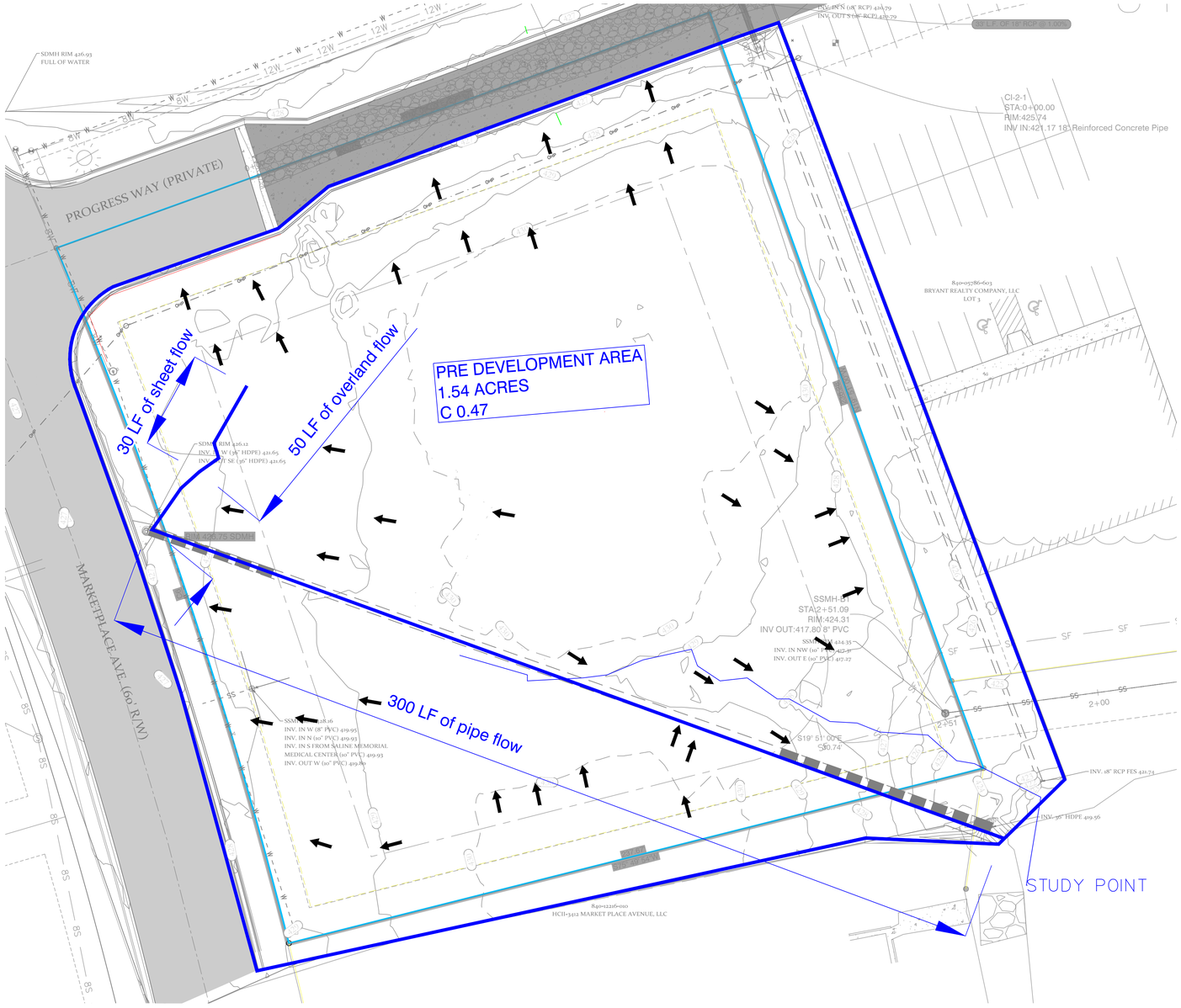
IF THE OWNER OF LAND THUS SITUATED AS IN ABOVE, NEGLECTS OR REFUSES TO MAINTAIN THE AREAS AS PROSCRIBED, AFTER HAVING BEEN GIVEN TEN (10) DAYS NOTICE IN WRITING TO MAINTAIN BY THE CITY, THE OWNER SHALL BE GUILTY OF A MISDEMEANOR.

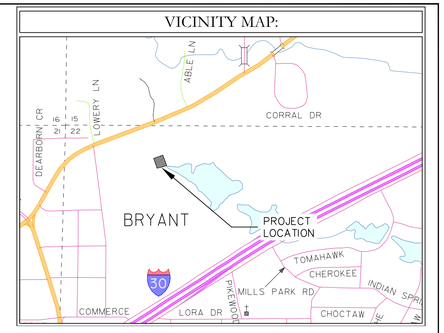
THE CITY OF BRYANT PLANNING COMMISSION WILL REVIEW AND ACT ON ALL LANDSCAPING PROPOSALS AT THE TIME BUILDING PLANS ARE SUBMITTED AND IN THE CASE OF SUBDIVISION AT THE PRELIMINARY PLAT SUBMITTAL.

A CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED FOR A COMMERCIAL ESTABLISHMENT NOR WILL THE FINAL SUBDIVISION PLAT BE APPROVED UNTIL LANDSCAPING REQUIREMENTS ARE SATISFIED.


2019-004456
0.64 ACRES
S73° 49' 54"W
210.09' M/L
210.75'
33' L.F. OF 18" RCP
50.00'
SSMH
SDMH
BM: 426.75 SDMH
SSMH-B1
RIM: 424.31
SSMH-B2
RIM: 424.31
LOT 1
1.35 ACRES
58,912 SF
NEW OUTDOOR SEATING
NEW CANOPY
NEW PATIO
NEW PLANTER
NEW PLANTER
NEW PLANTER

PRE DEVELOPMENT DRAINAGE AREA





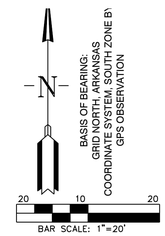
PRE DEVELOPMENT TOC:

Time of Concentration, tc (min)

Area (ft2)	67285.2						
Area (Acre)	*1.54*						
Total Length, L (ft)	***380.0***						
Change in Elevation (ft)	5						
Slope, S (ft/ft)	*0.013*						
N (Coeff. Of roughness, Table 400-3)	0.200						
L_i (overland/sheet flow, ft)	30.0						
L_{scs}(shallow concentrated, ft)	50.0	Velocity, V (ft/sec)	Length, L (ft)	Height, h (ft)	Slope, S (ft/ft)	Mannings, n	Hydraulic Radius, R
L_{cs} (channel , ft)	300.0						
$t_i = 0.83\frac{(N\,L_i)^{0.467}}{S^{0.5}}$, (min)	*4.99*		30.0	0.5	*0.017*		
$t_{scs} = \frac{L_{scs}}{60\,V}$, (min) , paved							
V=20.3282(S^0.5)	*0.29*	*2.87*	50.0	1.0	*0.020*		
$t_{cs} = \frac{L_{cs}}{60\,V}$, (min)							
$V = \frac{1.49}{n} R^{\frac{2}{3}} S^{\frac{1}{2}}$ Channel flow-1	*0.72*	*6.90*	300.0	8.0	*0.027*	0.015	*0.278*
Total time of concentration, tc (min)	**6.00**						
USE	6						

PRE DEVELOPMENT RUNOFF COEFFICIENT

	Area (acer)	C 100 year	Corrected C 100 year
PRE DEV. AREA-1	1.54	0.47	0.73
PRE DEV. AREA-2	0	0.00	0
Tot =	1.54		0.47



HOPE CONSULTING ENGINEERS - SURVEYORS
129 N. Main Street,
Benton, Arkansas
72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

FOR USE AND BENEFIT OF:
CONSOLIDATED RESTAURANT OPERATIONS

LOCAL RESTAURANT
PRE DEVELOPMENT DRAINAGE AREA
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:				DRAWING NUMBER:	
REVISED:	##	CHECKED BY:				26-0351	
SHEET:	C-9.0	SCALE:	1" = 20"				
500	01S	14W	0	22	400	62	1573

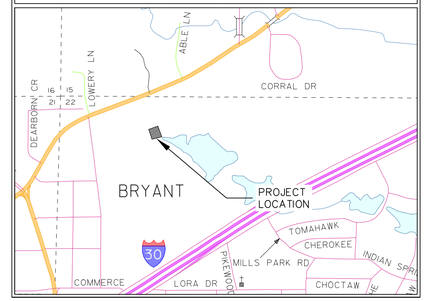
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No. 1931
ARKANSAS

H:\SHARED\HOPECONSULTING\LAND PROJECTS 2026\COMMERCIAL\2026-26-0351\CIVIL\DWG\VOID 26-0352 DESIGN-9-29-2026_RECOVERED.DWG

POST DEVELOPMENT AREA



VICINITY MAP:

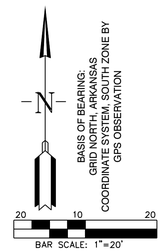


POST DEVELOPMENT TOC:

Time of Concentration, tc (min)							
Area (ft2)	67285.2						
Area (Acre)-Total	*1.54*						
Total Length, L (ft)	***437.0***						
Change in Elevation (ft)	5						
Slope, S (ft/ft)	*0.011*						
N (Coeff. Of roughness, Table 400-3)	0.100						
L_i (overland/sheet flow, ft)	*20.0*						
L_{scs}(shallow concentrated, ft)	*50.0*	Velocity, V (ft/sec)	Length, L (ft)	Height, h (ft)	Slope, S (ft/ft)	Mannings, n	Hydraulic Radius, R
L_{cs} (channel , ft)	367.0						
$t_i = 0.83\frac{(N\,L_i)^{0.467}}{S^{0.5}}$, (min)	*2.71*		20.0	0.5	*0.025*		
$t_{scs} = \frac{L_{scs}}{60\,V}$, (min) , paved							
V=20.3282(S^0.5)	*0.41*	*2.03*	50.0	0.5	*0.010*		
$t_{cs} = \frac{L_{cs}}{60\,V}$, (min)							
$V = \frac{1.49}{n} R^{\frac{2}{3}} S^{\frac{1}{2}}$ Pipe flow	*1.52*	*4.02*	367.0	3.0	*0.008*	0.015	*0.300*
Total time of concentration, tc (min)	**4.64**						
USE	**5**						

POST DEVELOPMENT RUNOFF COEFFICIENT

	Area (acer)	C 100 year	Corrected C 100 year
POST DEV. AREA-1	1.26	0.9	1.14
POST DEV. AREA-2	0.28	0.47	0.13
Tot =	1.54		0.82



HDPE

RCP

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72015
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LOCAL RESTAURANT
POST DEVELOPMENT AREA
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

DATE:	10/21/2026	C.A.D. BY:	DRAWING NUMBER: 26-0351
REVISED:	##	CHECKED BY:	
SHEET:	C-9.1	SCALE: 1" = 20"	

500	01S	14W	0	22	400	62	1573

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Pipe Capacity Check fpr 36"

Composite Runoff Coefficient				
	Area (ac)	100 year, C		**100 year**
	0.00	0		0.00
	0.00	0		0.00
WATERSHED A	24.25	0.9		21.83
Tot A =	1.25		Com. C =	**17.46**

TIME OF CONCENTRATION (min) 5.00

Design Peak Flow				
Period of Time	Intensity, I (in/hr)	Composite Runoff	Toal Area, A (ac)	**Discharge, Q = CIA (cfs)**
2 yr	5.50	**0.82**	**1.25**	**5.64**
5 yr	7.30			**7.48**
10yr	8.30			**8.51**
25 yr	9.50			**9.74**
50 yr	10.40			**10.66**
100 yr	11.30			**11.58**

Pipe Capacity Check

Pipe Dia (in) ***36*** ADEQUATE

Total Length, L (ft) ***100.0***

Total Change in Elevation (ft) 5.0

Slope, S (ft/ft) *0.0500*

Target Discharge, Q (ft^3/s) ***11.6***

$$Q = V\,A$$

$$V = \frac{1.49}{n} R^{\frac{2}{3}} S^{\frac{1}{2}}$$

		Pipe Dimenstion									
	Discharge Capacity, Q (cfs)	Velocity, V (ft/sec)	Pipe Dia, (ft)	Area, A (ft^2)	Flow Depth, y (ft)	Length, L (ft)	Elevation, h (ft)	Slope, S (ft/ft)	Mannings, n	Wetted Perimeter, P	Hydraulic Radius, R
100%	*216.01*	*30.56*	**3.00**	*7.07*	*3.00*	100.0	5.0	*0.0500*	0.009	9.425	*0.750*
75%	*196.97*	*34.64*		*5.69*	*2.25*					6.283	*0.905*
50%	*108.00*	*30.56*		*3.53*	*1.50*					4.712	*0.750*
25%	*29.59*	*21.41*		*1.38*	*0.75*					3.142	*0.440*