CONSTRUCTION PLANS FOR
LITTLE CAESARS
REYNOLDS ROAD
BRYANT, ARKANSAS

UTILITY AND GOVERNING AGENCIES
CONTACT LIST

WATER COMPANY
CITY OF BRYANT PUBLIC WORKS
TIM FOURNIER
210 SW 3RD STREET
BRYANT, AR 72022
(501) 943-0469

SANITARY SEWER COMPANY
CITY OF BRYANT PUBLIC WORKS
TIM FOURNIER
210 SW 3RD STREET
BRYANT, AR 72022
(501) 943-0469

FIRE MARSHAL
CITY OF BRYANT FIRE DEPARTMENT
THOMAS HAMMOND
312 ROYA LANE
BRYANT, AR 72022
(501) 943-0397

EROSION CONTROL
CITY OF BRYANT ENGINEERING/CONSTRUCTION
SCOTT CHANDLER
210 SW 3RD STREET
BRYANT, AR
501 943-0469

POWER COMPANY
ENTERGY
(501) 368-3749

CABLE COMPANY
XFINITY
(800) 934-6489

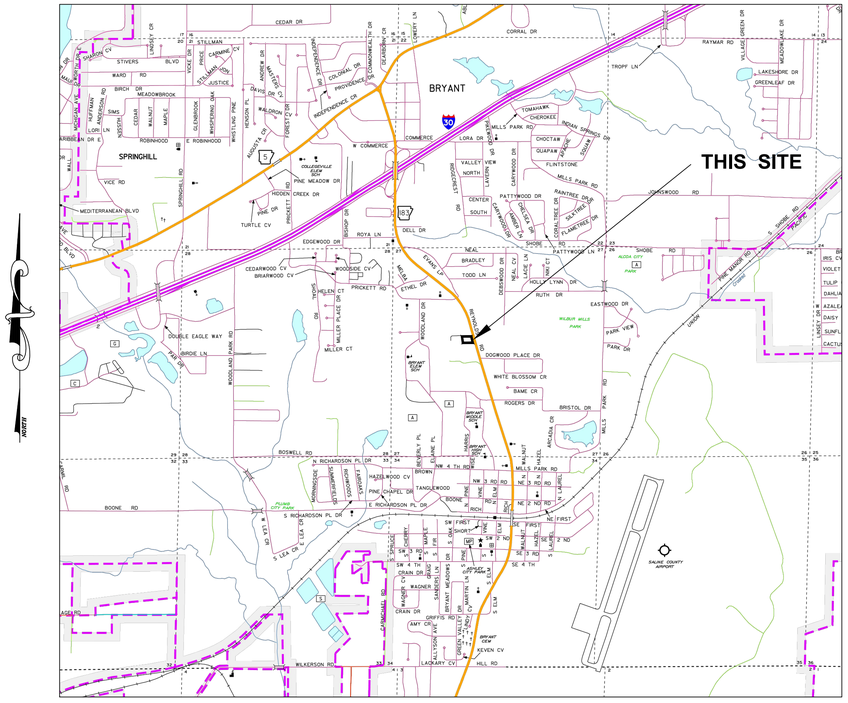
DEPARTMENT OF TRANSPORTATION
ARKANSAS DEPARTMENT OF TRANSPORTATION
(501) 569-2000

PLANNING DEPARTMENT
CITY OF BRYANT COMMUNITY DEVELOPMENT
COLTON LEONARD
210 SW 3RD STREET
BRYANT, AR 72022
(501) 943-0469

ZONING DEPARTMENT
CITY OF BRYANT COMMUNITY DEVELOPMENT
COLTON LEONARD
210 SW 3RD STREET
BRYANT, AR 72022
(501) 943-0469

PHONE COMPANY
AT & T
(800) 288-2020

GAS COMPANY
CENTERPOINT ENERGY
(800)992-7552



GENERAL SITE CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL CONTROL EROSION ON THE SITE. ALL SLOPES SHALL BE FERTILIZED, SEEDED AND MULCHED (OR LANDSCAPED) AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE. THE SITE SHALL BE GRADED TO MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION. THE WATER SHALL NOT BE ALLOWED TO POND.
2. THE CONTRACTOR SHALL COORDINATE WITH EACH UTILITY COMPANY PRIOR TO ANY EXCAVATION. ANY DAMAGE TO UTILITY LINES CAUSED BY THE CONTRACTOR OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING AND PROPOSED STORM SEWER, SANITARY SEWER AND WATER LINES TO ENSURE THAT THEY ARE INSTALLED WITH ADEQUATE COVER AND CLEARANCE.
3. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES AND ORDINANCES GOVERNING WORK AT THIS TYPE.
4. THE CONTRACTORS ATTENTION IS SPECIFICALLY CALLED TO THE LOCATION OF THE EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DAMAGING ANY EXISTING IMPROVEMENTS WHICH ARE TO REMAIN PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS. HE SHALL VISIT THE SITE AND INSPECT THE CONDITION OF THE SITE AND THE ADJACENT IMPROVEMENTS.
5. THE CONTRACTOR SHALL CALL "ONE-CALL" FOR LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY EXCAVATION.
6. ANY EXCESS EXCAVATED MATERIAL SHALL BE STOCKPILED OR PLACED IN AREAS AS DIRECTED. ALL FILLS ON SITE IN AREAS OF FUTURE BUILDING CONSTRUCTION SHALL BE MADE IN 8" LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

INDEX OF SHEETS

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GRADING PLAN C3
UTILITY PLAN C4
EROSION CONTROL PLAN C5
SITE DETAILS C6
WATER AND SEWER LINE DETAILS C7

OWNER & DEVELOPER:
OBWAT HOLDINGS, LLC
7500 LANDERS ROAD
SHERWOOD, AR. 72117

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 4685
JOHN R. POWNALL

CERTIFICATE OF AUTHORIZATION
THOMAS ENGINEERING CO
No. 94
ARKANSAS

A DEVELOPMENT OF
OBWAT HOLDINGS, LLC

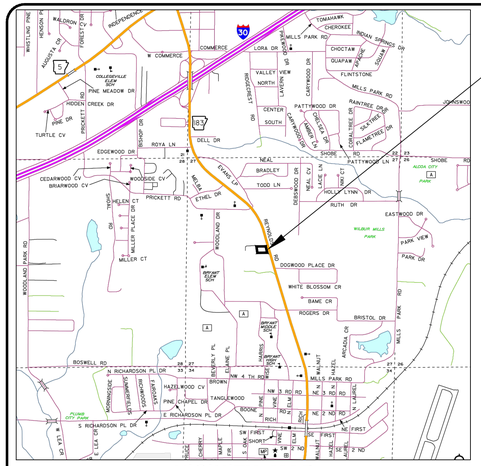
THOMAS ENGINEERING COMPANY
3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116
TEL: 501-753-4463 FAX: 501-753-6814

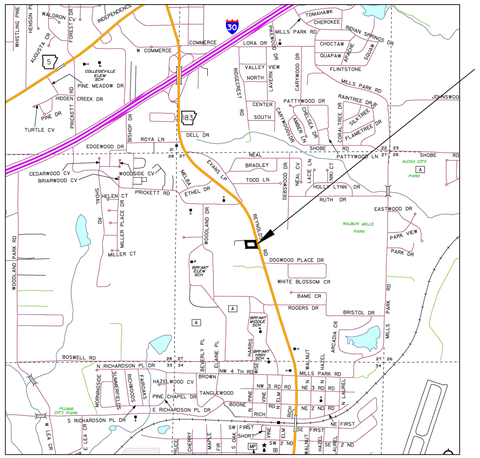
TITLE SHEET
LOT 1
LITTLE CAESARS ADDITION
BRYANT, ARK.

APPROVED	DRAWN BY	DATE	SHEET NO.
	JRP	6/20/24	C1
SCALE			
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LITTLE CAESARS-BRYANT-23-0165.dwg

PLOTTED: 6/20/2024


THIS SITE
COMMERCE
W COMMERCE
MILLS PARK RD
VALLEY VIEW
CENTER
SOUTH
PATTYWOOD DR
MILLS PARK RD
EDGEWOOD DR
ROYA LN
DELL DR
NEAL
BRADLEY
TODD LN
HOLLY LYNN DR
RUTH DR
EASTWOOD DR
PARK VIEW
PARK DR
PRICKETT RD
MILLER CT
DOGWOOD PLACE DR
WHITE BLOSSOM CR
BAME CR
ROGERS DR
BRISTOL DR
BOSWELL RD
N RICHARDSON PL DR
MILLS PARK RD
NW 4 TH RD
NW 3 RD RD
NE 3 RD RD
NE 2 ND RD
E RICHARDSON PL DR
S RICHARDSON PL DR
SW FIRST
SE FIRST
NE FIRST
SW 2 ND
SE 2 ND
NE 2 ND
BROWN
HAZELWOOD CV
TANGLEWOOD
BOONE
RICH
WOODLAND DR
WILLOW MILLS PARK
PARK
MILLER PLACE DR
WOODSIDE CV
BRIARWOOD CV
CEDARWOOD CV
TURTLE CV
PINE MEADOW DR
HIDDEN CREEK DR
COMMERCE
LORA DR
CHOCTAW
QUAPAW
FLINTSTONE
RAINTREE DR
CAMPAIGNER CT
CHEROKEE
TOMAHAWK
INDIAN SPRINGS DR
SHORE RD
ALCOA CITY PARK
ARCOLA DR
MAPLE
ELM
HICKORY
WALNUT
MAGNOLIA
CHERRY
SYCAMORE
WILLOW
ROOSEVELT
WILSON
HARDING
COOLIDGE
HOOVER
TRUMAN
EISENHOWER
KENNEDY
JOHNSON
NIXON
FORD
CARTER
REAGAN
BUSH
CLINTON
WOODLAND PARK RD
ROOSEVELT PL
WILSON PL
HARDING PL
COOLIDGE PL
HOOVER PL
TRUMAN PL
EISENHOWER PL
KENNEDY LP
JOHNSON PL
NIXON PL
FORD PL
CARTER PL
REAGAN PL
BUSH PL
CLINTON PL
ARMORY ROAD
ARMORY ROOM
ALCOA CITY PARK
PLANK CITY PARK
WILLOW MILLS PARK
WILLOW MILLS
PRICKETT
BRYANT
SALEM
BENTON
ROCKWOOD
ROCKWELL
MARK TWAIN
ROBERT E LEE
STONEWALL JACKSON
JEFFERSON DAVIS
ALEXANDER HAMILTON
JAMES MADISON
JOHN QUINCY ADAMS
ANDREW JACKSON
MARTIN VAN BUREN
WILLIAM HENRY HARRISON
JOHN TYLER
JAMES K POLK
ZACHARY TAYLOR
MILLARD FILLMORE
FRANKLIN PIERCE
JAMES BUCHANAN
ABRAHAM LINCOLN
ANDREW JOHNSON
ULYSSES S GRANT
RUTHERFORD B HAYES
JAMES A GARFIELD
CHESTER A ARTHUR
GROVER CLEVELAND
BENJAMIN HARRISON
WILLIAM MCKINLEY
THEODORE ROOSEVELT
WILLIAM HOWARD TAFT
WOODROW WILSON
WARREN G HARDING
CALVIN COOLIDGE
HERBERT HOOVER
FRANKLIN D ROOSEVELT
HARRY S TRUMAN
DWIGHT D EISENHOWER
JOHN F KENNEDY
LYNDON B JOHNSON
RICHARD M NIXON
GERALD R FORD
JIMMY CARTER
RONALD REAGAN
GEORGE BUSH
WILLIAM J CLINTON
GEORGE W BUSH
BARACK H OBAMA
DONALD J TRUMP
JOSEPH R BIDEN JR
KAMALA D HARRIS
MICHAEL R PENCE
DICK CHENEY
ALBERT GORE JR
JOSEPH I LIEBERMAN
JOHN S EDWARDS
RICHARD B CHENEY


THIS SITE
I-30
COMMERCE
MILLS PARK RD
CHEROKEE
CHOCTAW
QUAPAW
LORA DR
VALLEY VIEW
NORTH
CENTER
SOUTH
FLINTSTONE
MILLS PARK RD
RANNTREE DR
CLEMENS
PATTYWOOD DR
SHORE RD
PATTYWOOD LN
EDGEWOOD DR
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BRADLEY
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HOLLYLYNN DR
RUTH DR
EASTWOOD DR
PARK VIEW
PARK DR
WILBUR MILLS Park
DOGWOOD PLACE DR
WHITE BLOSSOM CR
BAME CR
ROGERS DR
BRISTOL DR
MILLS PARK RD
BOSWELL RD
N RICHARDSON PL DR
E RICHARDSON PL DR
S RICHARDSON PL DR
N 4 TH RD
NE 3 RD RD
NE 2 ND RD
SW FIRST
SE FIRST
NE FIRST
SW 2 ND
SE 2 ND
NE 2 ND
HAZEL WOOD CV
PINE CHAPEL DR
TANGLEWOOD
BROWN
BOONE
RICH
ELM
PINE
OAK
MAPLE
WALNUT
HICKORY
CHERRY
MAGNOLIA
SYCAMORE
CYPRESS
CEDAR
WILLOW
HARRIS
BRYANT CITY PARK
COLONIAL CITY PARK
COLONIAL MOBILE HOME PARK
ALOHA CITY Park
WILLOW CREEK APTS
WILLOW CREEK
BRYANT CITY HALL
BRYANT POLICE DEPARTMENT
BRYANT FIRE DEPARTMENT
BRYANT POST OFFICE
BRYANT MUNICIPAL COURT
BRYANT CITY HALL
BRYANT CITY PARK
BRYANT FIRE DEPARTMENT
BRYANT POLICE DEPARTMENT
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ALOHA CITY Park
WILBUR MILLS Park
COLONIAL CITY PARK
HARRIS
HARRIS ELEM SCHOOL
BRYANT HIGH SCHOOL
BRYANT MIDDLE SCHOOL
BRYANT PRIMARY SCHOOL
BRYANT INTERMEDIATE SCHOOL
BRYANT CHRISTIAN SCHOOL
BRYANT BAPTIST CHURCH
BRYANT CHURCH OF CHRIST
BRYANT CHURCH OF THE NAZARENE
BRYANT CHURCH OF THE NAZARENE
BRYANT FIRST ASSEMBLY OF GOD
BRYANT FIRST BAPTIST CHURCH
BRYANT FIRST UNITED METHODIST CHURCH
BRYANT FIRST UNITED METHODIST CHURCH
BRYANT GOSPEL TEMPLE
BRYANT HILLCREST CHURCH
BRYANT HILLCREST CHURCH
BRYANT NEW HOPE CHURCH
BRYANT NEW HOPE CHURCH
BRYANT NEW LIFE CHURCH
BRYANT NEW LIFE CHURCH
BRYANT SOUTHSIDE CHURCH
BRYANT SOUTHSIDE CHURCH
BRYANT WOODLAND HILLS CHURCH
BRYANT WOODLAND HILLS CHURCH
BRYANT WORSHIP CENTER
BRYANT WORSHIP CENTER
BRYANT YOUTH CENTER
BRYANT YOUTH CENTER
BRYANT YOUTH

GRADING PLAN
GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.

2. WARRANTY/DISCLAIMER. THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED AT THIS TIME. HOWEVER, NEITHER THOMAS ENGINEERING COMPANY, INC., NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THOMAS ENGINEERING COMPANY PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

3. SAFETY NOTICE TO CONTRACTOR. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

4. ENGINEER'S NOTICE TO CONTRACTOR. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

5. SEE ARCHITECTURAL PLANS FOR DETAILS ON CONCRETE RAMPS AND SIDEWALKS ATTACHED TO BUILDINGS.

6. FINISHED GRADE CONTOURS ARE INDICATED ALONG TOP OF COMPLETED STRUCTURES, TOP OF PAVEMENT AND GUTTER LINE OF CURB, UNLESS OTHERWISE SHOWN. FOR ROUGH GRADING, CONTRACTOR SHALL ALLOW FOR DEPTHS OF TOPSOIL AND CONCRETE STRUCTURES. FOR FINISH GRADING, CONTRACTOR SHALL INSTALL TOPSOIL AND CONCRETE STRUCTURES TO FINISHED GRADE AS INDICATED ON THIS SHEET.

7. THE GENERAL CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS AT END OF PROJECT.

8. ALL STORM DRAIN LINES AND UTILITY LINES UNDER THE PAVEMENT SHALL BE BACK FILLED WITH CRUSHED STONE.

9. PLACE A 4" MINIMUM DEPTH OF TOPSOIL OVER ALL LAWN AND LANDSCAPE AREAS.

10. REFER TO LANDSCAPE PLAN FOR PERMANENT TURF SOD AND SEEDING AREAS.

11. PROVIDE TEMPORARY SEEDING AND EROSION CONTROL PER STATE AND LOCAL CODES.

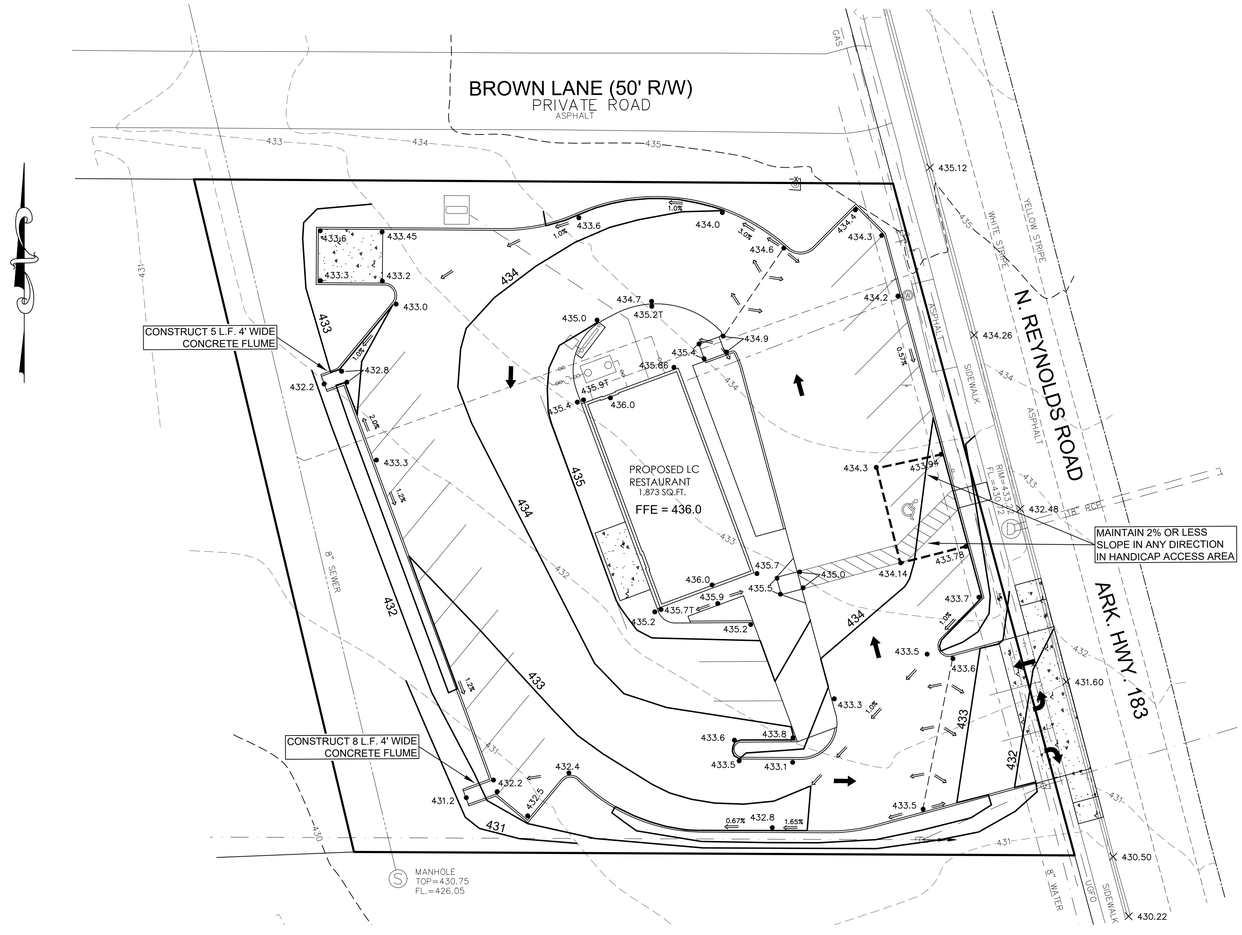
LEGEND

100 / 101	EXISTING CONTOURS
101	PROPOSED CONTOURS
400.0	PROPOSED SPOT ELEVATION GUTTER
400.0 T	PROPOSED SPOT ELEVATION TOP OF CURB
400.00	EXISTING SPOT ELEVATION
⟹	DRAINAGE ARROW

NOTE: SPOT ELEVATIONS FINISHED GRADE UNLESS OTHERWISE SHOWN.

LEGEND

- PROPERTY LINE
- EASEMENT
- SANITARY SEWER LINE
- OVERHEAD ELECTRIC LINE
- STORM DRAIN LINE
- EDGE OF ASPHALT
- CURB & GUTTER
- UTILITY POLE & GUY
- GAS METER
- TELEPHONE PEDESTAL
- SIGN
- CALCULATED POINT
- SHOWS FOUND SURVEY MARKER AS DESCRIBED







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

PRELIMINARY – NOT FOR CONSTRUCTION

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

THOMAS ENGINEERING COMPANY
3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116
TEL: 501-753-4463 FAX: 501-753-6814

GRADING PLAN
LITTLE CAESARS
BRYANT, ARKANSAS

APPROVED	DRAWN BY	DATE	SHEET NO.
	JRP	6/11/24	C3
SCALE 1" = 20'			

LITTLE CAESARS-BRYANT-23-0165.dwg

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UTILITY NOTES:

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES IN ACCORDANCE WITH THE ARKANSAS UNDERGROUND FACILITIES DAMAGE PREVENTION ACT. THIS LAW REQUIRES THAT THE CONTRACTOR MAKE A TELEPHONE CALL TO THE ARKANSAS ONE-CALL SYSTEM AT 1-800-482-8998 AT LEAST TWO (2) WORKING DAYS PRIOR TO EXCAVATING TO ENSURE THAT ANY EXISTING UTILITIES CAN BE LOCATED.

2. CONTRACTOR TO UNCOVER AND MARK UTILITY LINES BEFORE CONSTRUCTION.

3. CONTRACTOR SHALL BEAR ALL RESPONSIBILITY AND COST OF REPAIR OR REPLACEMENT OF EXISTING UTILITIES DAMAGED OR INTERRUPTED AS A RESULT OF THIS CONSTRUCTION.

4. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE OWNER OF ANY DAMAGED OR INTERRUPTED UTILITIES IMMEDIATELY.

5. ALL SEWER MAINS, SERVICES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE TO THE BRYANT WATER WORKS SPECIFICATIONS, THE ARKANSAS DEPARTMENT OF HEALTH AND THE ARKANSAS STATE PLUMBING CODE.

6. ALL WATER LINES SERVICES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE TO THE BRYANT WATER WORKS REQUIREMENTS AND THE ARKANSAS STATE PLUMBING CODE.

7. SEE PLUMBING PLANS FOR EXACT LOCATION OF UTILITY ENTRANCES TO THE BUILDING.

8. IN AREAS WHERE UTILITIES ARE INSTALLED UNDER NEW ASPHALT PAVEMENT, REFER TO DETAIL "PIPE TRENCH & BACKFILL SECTION DETAIL UNDER NEW PAVEMENT."

ELECTRIC UTILITY NOTES:

1. CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF TRANSFORMER PAD AND PROVIDE THE MINIMUM SIZED PAD REQUIRED BY ENTERGY.
2. THE CONTRACTOR SHALL PAY ENTERGY FOR ALL SWITCHGEAR, CONNECTIONS, UNDERGROUND 3 PHASE PRIMARY WIRE, 3 PHASE PAD MOUNTED TRANSFORMER AND SECONDARY UNDERGROUND SERVICE WIRE.

SANITARY SEWER
GENERAL NOTES

1. 4" SERVICE LINES AND STUBS SHALL BE LAID ON MINIMUM 1% SLOPE.
2. MAINTAIN 10' MINIMUM CLEARANCE BETWEEN WATER AND SEWER LINES.
3. PVC PIPE SHALL HAVE ASTM C33 #7 STONE BEDDING 6" ON ALL SIDES.
4. SEWER SERVICE PIPE MATERIAL SHALL CONFORM TO ONE OF THE FOLLOWING STANDARDS: ASTM D 2665, SCHEDULE 40 DWV OR ASTM D3034, PVC SEWER PIPE, SDR-26

WATER NOTES:
1. ALL PIPES TO HAVE A MINIMUM OF 3' OF COVER.
2. ALL NON-METALLIC MAINS SHALL HAVE A 12 GA. COPPER TRACING WIRE.
3. ALL P.V.C. PIPE SHALL BE CLASS 250.
4. MAINTAIN 18" VERTICAL SERRATION BETWEEN WATER/SEWER CROSSINGS.
5. MAINTAIN 5' HORIZONTAL SEPARATION BETWEEN PARALLEL UTILITIES.
6. CONTRACTOR TO PAY FOR INSTALLATION OF DOMESTIC AND IRRIGATION METERS.

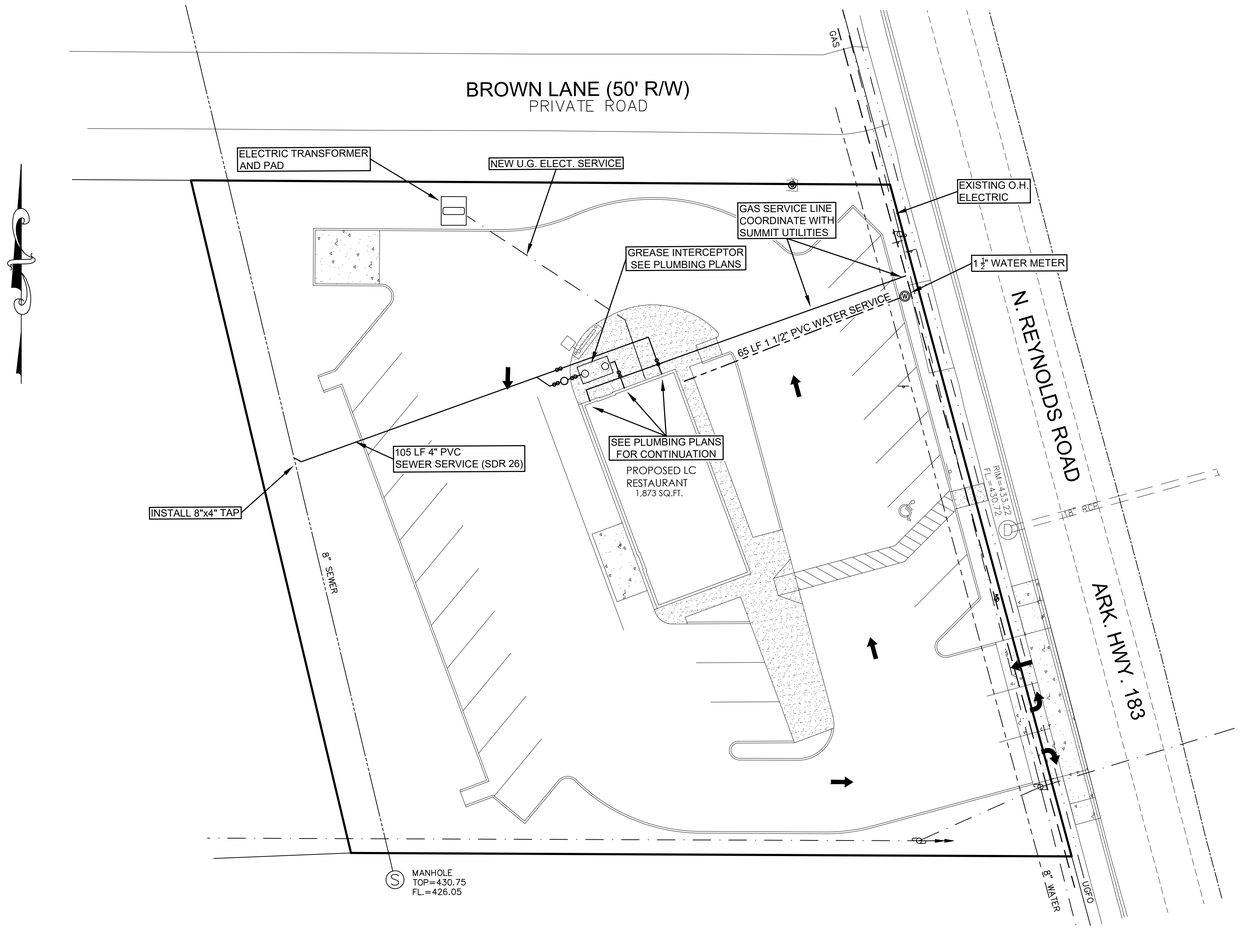
WATER LINE PIPE MATERIALS:
1. DUCTILE IRON PIPE SHALL CONFORM TO ANSI A21.51 (AWWA C151) AND SHALL HAVE A CEMENT MORTAR LINING AND SEAL COAT CONFORMING TO ANSI A21.4 (AWWA C104) AND NSF 61. JOINTS SHALL CONFORM TO ANSI A21.11 (AWWA C111) AND MAY BE MECHANICAL JOINT OR PUSH-ON JOINT UNLESS OTHERWISE SPECIFIED. GASKETS SHALL BE MANUFACTURED IN THE UNITED STATES AND/OR COSTA RICA. THE MINIMUM CLASS OF D.I. PIPE SHALL BE THICKNESS CLASS 50 UNLESS OTHERWISE SPECIFIED. ALL DUCTILE IRON SHALL BE ENCASED IN POLYETHYLENE (POLYWRAPPED) UPON INSTALLATION (SEE SECTION 21 OF THE CAW CONSTRUCTION SPECIFICATIONS FOR SPECIFICS). ALL DUCTILE IRON MAINS SHALL END WITH A FULL JOINT OF MECHANICAL JOINT PIPE WITH A MECHANICAL JOINT PLUG AND ANCHOR COLLAR.

2. PVC WATER MAIN PIPE SHALL CONFORM TO AWWA C900, DR18, PVC PRESSURE PIPE AND FABRICATED FITTINGS 4" THROUGH 12". PVC WATER PIPE SHALL HAVE INTEGRAL BELL JOINTS WITH ELASTOMETRIC GASKETS THAT CONFORM TO ASTM 3212 AND ASTM F477.

3. WATER SERVICE PIPE SHALL CONFORM TO AWWA C904, DR9, CROSS-LINKED POLYETHYLENE (PEX), SDR9, MINIMUM PRESSURE CLASS 160, PRESSURE PIPE AND TUBING, ½ IN. THROUGH 3 IN, FOR WATER SERVICE.

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JOHN R. POWNALL

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UTILITY PLAN
LITTLE CAESARS
BRYANT, ARKANSAS

APPROVED	DRAWN BY	DATE	SHEET NO.
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SEQUENCE OF CONSTRUCTION

1. INSTALL CONSTRUCTION ENTRANCE AND PERIMETER SILT FENCE. CONTRACTOR SHALL INSTALL WHATEVER DIVERSIONS/SWALES ARE NECESSARY TO ROUTE ALL SEDIMENT LADEN WATER TO THE PROPOSED SILT FENCE LOCATIONS.

2. CLEAR SITE AND REMOVE ALL DEMOLITION DEBRIS.

3. BEGIN GRADING OPERATION FOR SITE.

4. BEGIN UTILITY CONSTRUCTION. MAINTAIN ANY DIVERSIONS TO ROUTE ALL UPSTREAM WATER AWAY FROM THE EXISTING STREETS THROUGHOUT CONSTRUCTION.

5. INSTALL CURB AND GUTTER AND SIDEWALKS.

6. FINE GRADE ENTIRE SITE, AND COMPLETE PAVING OPERATIONS.

7. INSTALL SEEDING, VEGETATION, AND PROCEED WITH FINAL SITE STABILIZATION. WATER ALL GRASSED AREAS.

8. INSPECT AND RESOD ALL DISTURBED AREAS AS NECESSARY. UPON FINAL SITE STABILIZATION, CLEAN SILT FROM BEHIND ALL SEDIMENT FENCES AND REMOVE ALL TEMPORARY EROSION CONTROL DEVICES.

EROSION CONTROL NOTES:

1. SEDIMENT CONTROL MEASURES MUST BE INSPECTED AND MAINTAINED REGULARLY IN ORDER TO INSURE THAT THE INTENDED PURPOSES ARE ACCOMPLISHED.

2. ALL DISTURBED AREAS NOT INTENDED FOR PAVING SHALL BE SEEDED OR SODDED AS PER SPECIFICATIONS.

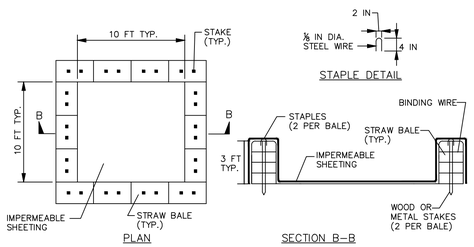
3. STABILIZATION REQUIREMENTS: (NOT NECESSARILY VEGETATION) ALL PERIMETER CONTROLS ARE TO BE STABILIZED WITHIN 7 DAYS OF INSTALLATION. ALL OTHER DISTURBED AREAS ARE TO BE STABILIZED WITHIN 14 DAYS.

4. TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL ALL CONTRIBUTING AREAS ARE GRADED AND STABILIZED.

5. EXCAVATED EARTH SHALL BE PILED ON THE HIGH SIDE OF EXCAVATIONS.

6. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

7. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.



NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

WASHOUT STRUCTURE WITH STRAW BALES

CONSTRUCTION SPECIFICATIONS

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.

2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.

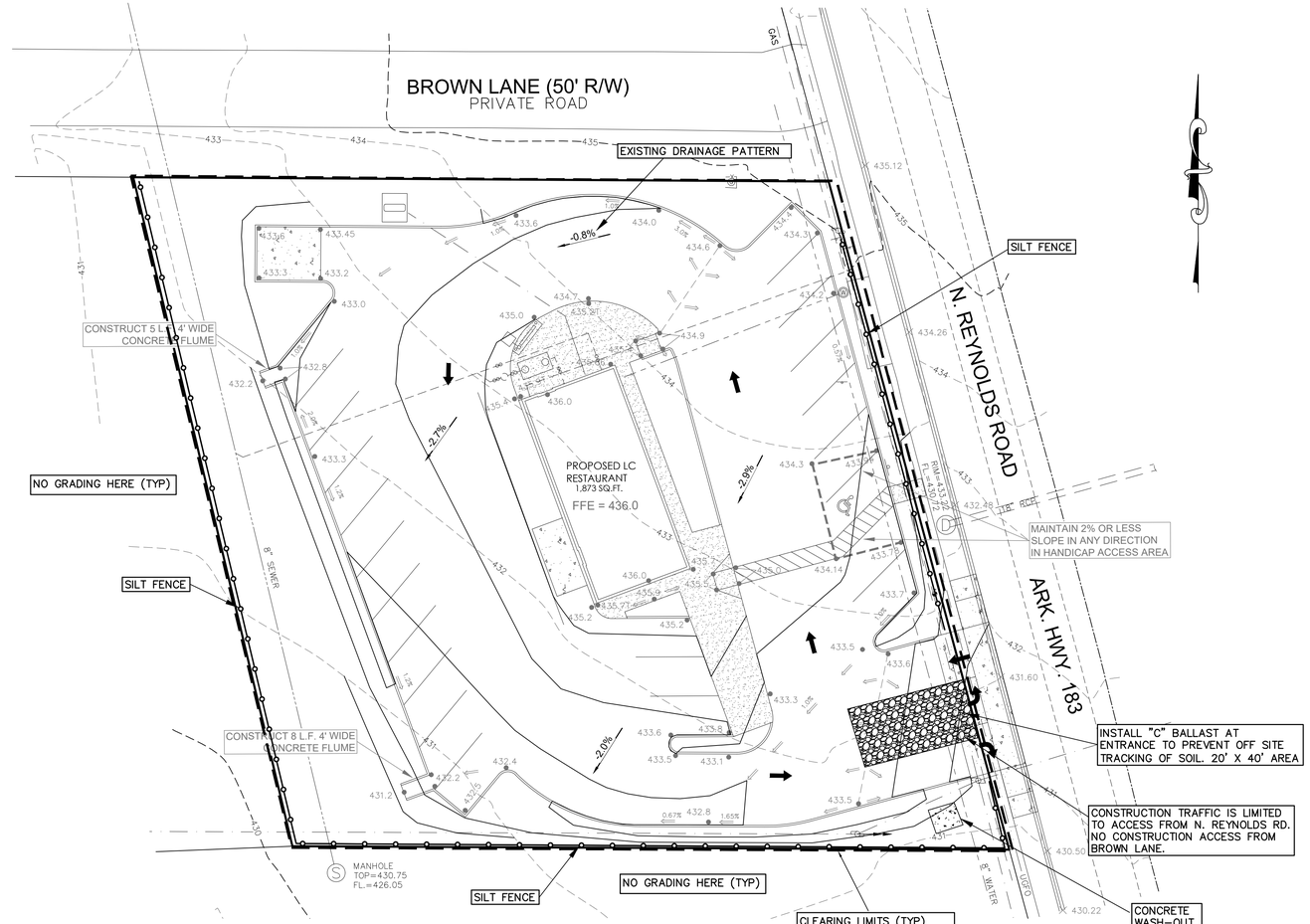
3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.

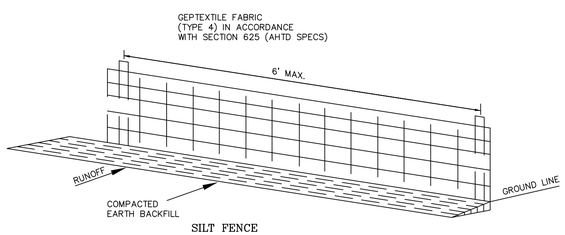
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.

5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

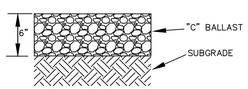
LEGEND

- PROPERTY LINE
- EASEMENT
- SANITARY SEWER LINE
- OVERHEAD ELECTRIC LINE
- STORM DRAIN LINE
- EDGE OF ASPHALT
- CURB & GUTTER
- UTILITY POLE & GUY
- GAS METER
- TELEPHONE PEDESTAL
- SIGN
- CALCULATED POINT
- SHOWS FOUND SURVEY MARKER AS DESCRIBED





SILT FENCE



CROSS SECTION
GRAVEL ENTRANCE DETAIL

LEGEND

SHOWS SILT FENCE

SHOWS GRAVEL ENTRANCE DRIVE

TOTAL SOIL DISTURBANCE ACREAGE= 0.9 AC.±
TOTAL PROJECT ACREAGE= 0.9 AC.±

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 4685 JOHN R. POWNALL

CERTIFICATE OF AUTHORIZATION THOMAS ENGINEERING CO. No. 94 ARKANSAS

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

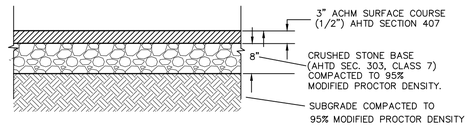
PRELIMINARY – NOT FOR CONSTRUCTION

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3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116
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EROSION CONTROL PLAN
LITTLE CAESARS
BRYANT, ARKANSAS

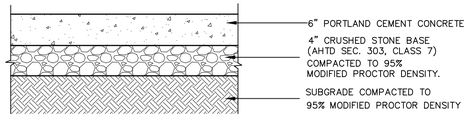
APPROVED	DRAWN BY	DATE	SHEET NO.
	JRP	6/11/24	C5
SCALE 1" = 20'			

PLOTTED: 6/20/2024 LITTLE CAESARS-BRYANT-23-0165.dwg

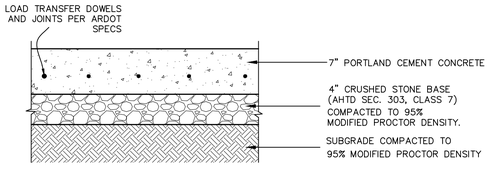


HEAVY DUTY ASPHALT PAVEMENT

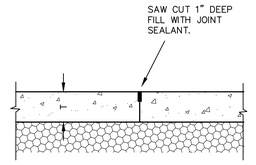
NOTE: ASPHALT PAVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT SPECIFICATIONS.



LIGHT DUTY CONCRETE PAVEMENT



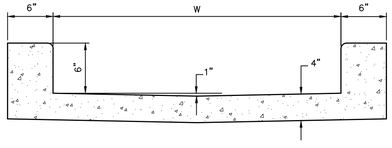
DUMPSTER PAD CONCRETE PAVEMENT



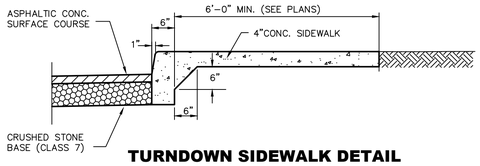
CONTRACTION JOINT DETAIL

NOTES ON CONCRETE PAVEMENT:

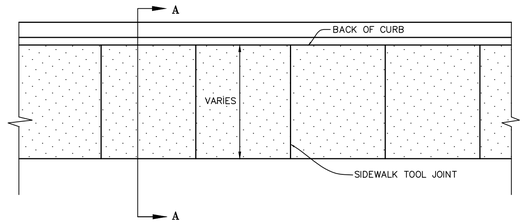
1. CONCRETE SHALL HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH.
2. CONCRETE SHALL HAVE 5% AIR ENTRAINED.



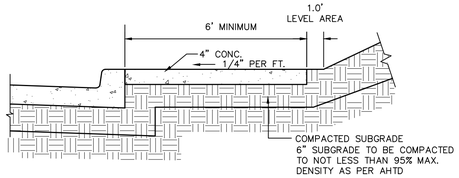
CONCRETE CURB OPENING FLUME SECTION



TURNDOWN SIDEWALK DETAIL

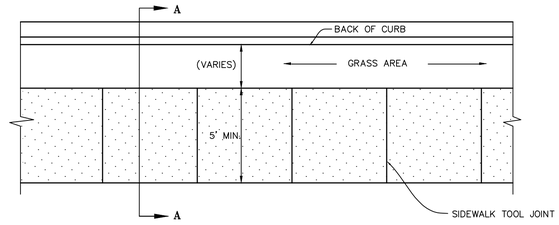


SIDEWALK DETAIL (ADJACENT TO CURB) PLAN VIEW

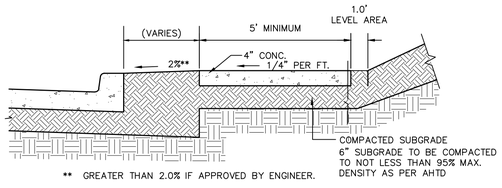


SIDEWALK SECTION A - A

1. 1/2" EXPANSION JOINT SPACING AT 60' AND AT STRUCTURES, DRIVES AND OTHER WALKS.
2. SIDEWALKS SHALL BE TOOLED AT LEAST 20% OF THE FULL DEPTH OF THE SIDEWALK AT 5' INTERVALS.
3. ALL CONCRETE SHALL HAVE 4000 PSI MINIMUM COMPRESSIVE STRENGTH
4. SIDEWALK AGAINST CURB GRANTED ONLY WITH ENGINEER'S PERMISSION



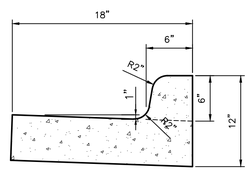
SIDEWALK DETAIL PLAN VIEW



** GREATER THAN 2.0% IF APPROVED BY ENGINEER.

SIDEWALK SECTION A - A

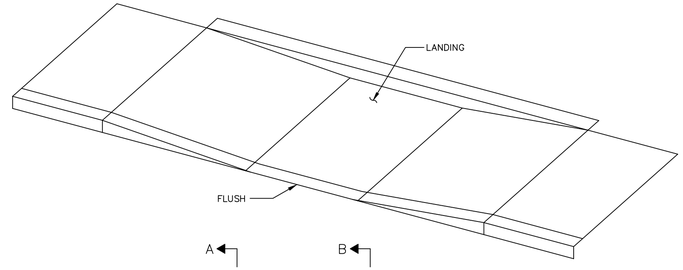
1. 1/2" EXPANSION JOINT SPACING AT 60' AND AT STRUCTURES, DRIVES AND OTHER WALKS.
2. SIDEWALKS SHALL BE TOOLED AT LEAST 20% OF THE FULL DEPTH OF THE SIDEWALK AT 5' INTERVALS.
3. ALL CONCRETE SHALL HAVE 4000 PSI MINIMUM COMPRESSIVE STRENGTH



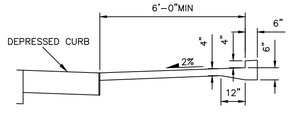
TYPE "A" CURB 6" VERTICAL CURB

NOTES ON CONCRETE CURB & GUTTER:

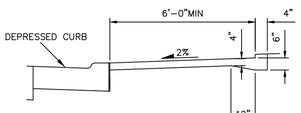
1. CONCRETE SHALL BE AHTD TYPE CLASS A OR CLASS S.
2. CONCRETE SHALL HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH.
3. INSTALL 1/2" BITUMINOUS EXPANSION JOINT MATERIAL AT 100' MAXIMUM INTERVALS OR AT TIE INS TO BOXES, RADIUS RETURNS OR DRIVEWAY APRONS.
4. PROVIDE CONTROL JOINTS AT 15' MAXIMUM SPACING.
5. VERTICAL CURB ONLY BE USED WITH ENGINEER'S PERMISSION.
6. TYPE "B" CURB SHALL BE USED EXCEPT WHERE OTHER TYPES OF CURB ARE SPECIFIED ON THE PLANS.



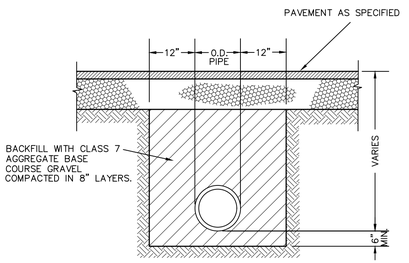
ACCESSIBLE RAMP DETAIL



SECTION A-A



SECTION B-B



PIPE TRENCH & BACKFILL SECTION DETAIL UNDER NEW PAVEMENT

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ARKANSAS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 4685
JOHN R. POWNALL

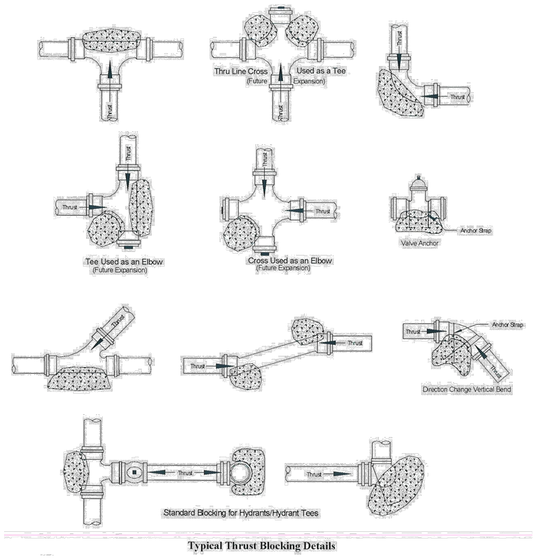
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SITE DETAILS
LITTLE CAESARS
BRYANT, ARKANSAS

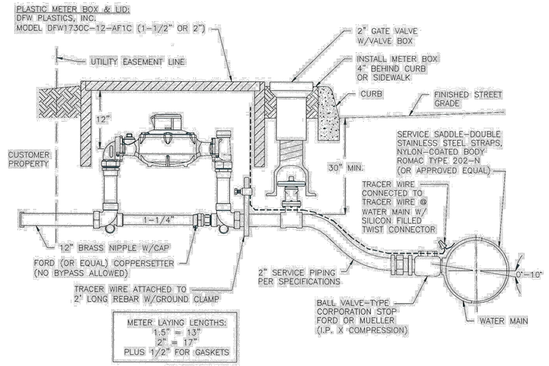
APPROVED	DRAWN BY	DATE	SHEET NO.
	JRP	6/11/24	C6
SCALE NTS	23-0165		

LITTLE CAESARS DETAILS.dwg

PLOTTED: 6/20/2024



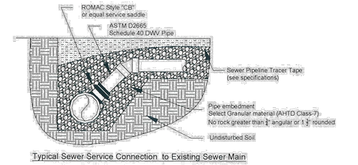
Typical Thrust Blocking Details



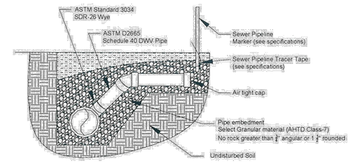
NOTES:

1. PRIOR TO INSTALLATION OF METERS, ALL SERVICE APPLICATIONS MUST BE COMPLETED AND APPROVED, SERVICE FEES PAID IN FULL AND AS-BUILTS SUBMITTED AND APPROVED.
2. METERS WILL NOT BE SET PRIOR TO DISINFECTION OF THE MAIN AND SERVICE OR PRIOR TO A SUCCESSFUL BACTERIOLOGICAL TEST.
3. ALL METERS SHALL READ IN GALLONS, HAVE FLANGED ENDS AND BE EQUIPPED WITH TEST PLUGS.
4. METERS INSTALLED IN VAULTS SHALL BE EQUIPPED WITH REMOTE DISPLAY.
5. APPROVED POSITIVE DISPLACEMENT METERS: BADGER, ELSTER, HERSEY, NEPTUNE OR SENSUS
6. CUSTOMER METERS ARE NOT PERMITTED ON A.H.T.D. RIGHT-OF-WAY.

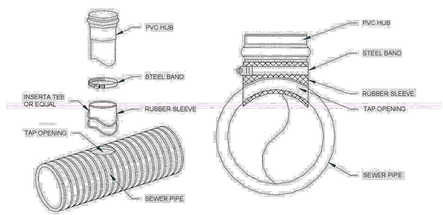
1.5" AND 2" STANDARD WATER METER SETTING DETAIL



Typical Sewer Service Connection to Existing Sewer Main



Typical Sewer Service Connection to New Sewer Main



COMPRESSION FIT 3-PIECE SERVICE CONNECTION
(FOR 15" + LARGER DIA. CORRUGATED PVC/PE PIPE ONLY)

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WATER AND SEWER LINE DETAILS
LITTLE CAESARS
BRYANT, ARKANSAS

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SCALE NTS	23-0165		

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