BUILDING

PROPOSED WATER SERVICE BY OTHERS

4" PVC CASING FOR FUTURE WATER SERVICE BY OTHERS

1 NEW FIRE HYDRANT ASSEMBLY CONSTRUCTED WITH 12" X 6" TAPPING SLEEVE & VALVE

RIM 427.65 SDMH
INV 24" E 423.15
INV 24" S 423.15

EXISTING MANHOLE
STA:0+00.00
RIM:427.77
IN EAST:419.87 8" PVC

FND 5/8" REBAR 1141

RIM 427.77 SSMH
INV 8" N 419.87
INV 8" W 419.87
INV 6" SW 419.87
INV 8" S 419.77

RIM 426.44 SDMH
INV 24" N 423.44
INV 30" S 423.24

100' TAPER

PROGRESS STREET

60' R/W

40.04'

28.00'

0+00

1+00

2+00

3+00

3+78

356.60' OF 8" PVC @ -0.40%

151.68' OF 8" PVC @ -0.40%

5+00.08

FND TPOST

N70° 09' 00"E
36.49'

Δ=19°20'51"
L=91.17'
R=270.00'

N89° 21' 50"E
58.44'

5' TRANSITION FROM EXISTING CURB TO ROLL DOWN CURB

PROPOSED GRAVITY SEWER

PROPOSED DRIVE

PROPOSED WATER METER BY OTHERS

65 L.F. BORE OF 16" STEEL ENCASEMENT

BM-07 60D NAIL
N 2025910.46
E 1164026.91
427.005

RIM 426.75 SDMH

MH-A1
STA:3+56.60
RIM:426.40
INV OUT WEST:421.30 8" PVC
INV IN EAST:421.40 8" PVC
INV IN SERV SOUTH:421.40 4" PVC

MH-A2
STA:5+08.28
RIM:428.38
INV OUT WEST:422.01 8" PVC

TRACT 1
1.00 ACRES
43560 Sq. Ft.

222.00'
S14° 10' 08"E

LOT 10
0.60 ACRES
26302 Sq. Ft.

RIM 426.90 SDMH
INV 30" N 423.40
INV 12" SW 424.30
INV 36" E 423.20

RIM 428.25 SSMH
INV 8" N 419.35
INV 6" W 419.35
INV 8" S 419.25

MARKET PLACE AVENUE (60' R/W)

N14° 10' 08"W
238.17'

FND 5/8" REBAR 1141

FND BENT 5/8" REBAR

183.66'
S75° 49' 52"W

30' 15' 0 30'

SITE LEGEND:

- FIRE HYDRANT
- ELECTRICAL & UTILITY POLE
- SANITARY SEWER MANHOLE
- WATER VALVE
- STORM MANHOLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- BENCHMARKS
- ELECTRIC BOX
- GUY ANCHOR
- WATER METER
- GAS METER
- SIGN
- EXISTING WATERLINE
- OVERHEAD POWER
- TEST PIT
- FORCE MAIN
- CHAIN-LINKE FENCE
- WOOD FENCE
- SANITARY SEWER LINE

SURVEY LEGEND
- Computed point
- Found monument
- Set #4 RB/Plas. Cap
(M)-Measured
(R)-Record
(P)-Platted

CERTIFICATE OF AUTHORIZATION
GarNat Engineering, LLC
No. 2174
ARKANSAS

SCALE: 1" = 30' HORIZONTAL
1" = 10' VERTICAL

CL PROGRESS STREET PROFILE

PVI STA: 3+05.82
PVI ELEV: 429.02
K: 107.39
LVC: 145.24
HIGH PT. STA: 2+72.82
HIGH PT ELEV: 428.82

BVCS: 2+33.20
BVCE: 428.75

EVCS: 3+78.44
EVCE: 428.30

PROPOSED FINISH GRADE

TIE INTO EXISTING ROAD

END OF EXISTING CONCRETE APRON

0.59%

EXISTING GROUND

430
425

EG 427.38 | EG 427.18 | EG 427.26 | EG 427.10 | EG 427.38 | EG 427.65 | EG 428.07 | EG 428.28 | EG

0+00 | 0+50 | 1+00 | 1+50 | 2+00 | 2+50 | 3+00 | 3+50 | 4+00

PROGRESS STREET
STATION 0+00 - 1+00

TAPERED STREET CROSS SECTION

50' R.O.W

VARIES 4.98' - 11' | VARIES 14' - 20.02' | CL | VARIES 14' - 20.02' | VARIES 4.98' - 11'

VARIES 28.00' - 40.04' BACK OF CURB TO BACK OF CURB
1-1/2" ACHM BINDER COURSE
1-1/2" ACHM SURFACE COURSE
7" OF CLASS 7 AGGREGATE BASE COURSE COMPACTED TO 98% MODIFIED PROCTOR
24" COMPACTED SUBGRADE (UNDERCUT) AT 95% MODIFIED PROCTOR DENSITY. MEETING CITY OF BRYANT SUBGRADE REQUIREMENTS

AHTD TYPE B-1 CURB & GUTTER

1' | 2% X-SLOPE | 2% X-SLOPE | 2' | 1'

3:1 MAX | 3:1 MAX

GREEN SPACE GRADE 3:1 TO EXISTING | GREEN SPACE GRADE 3:1 TO EXISTING

PROGRESS STREET
STATION 1+00 - 5+08.28

TYPICAL STREET CROSS SECTION

50' R.O.W

11' | 14' | CL | 14' | 11'

28'-0" BACK OF CURB
1-1/2" ACHM BINDER COURSE
1-1/2" ACHM SURFACE COURSE
7" OF CLASS 7 AGGREGATE BASE COURSE COMPACTED TO 98% MODIFIED PROCTOR
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1' | 2% X-SLOPE | 2% X-SLOPE | 2' | 1'

3:1 MAX | 3:1 MAX

GREEN SPACE GRADE 3:1 TO EXISTING | GREEN SPACE GRADE 3:1 TO EXISTING

DATE	REVISION	BY
3-23-20	1. REVISED PER CITY OF BRYANT	GPW

GNE Designing our client's success

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OFFSITE INFRASTRUCTURE IMPROVEMENTS
BRYANT ORTHO CLINIC
BRYANT, ARKANSAS

STATE OF ARKANSAS
Vernon Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON WILLIAMS

03-05-2020

CONTENTS:
SITE PLAN & ROAD PROFILE

PROJECT NO: 20022

DATE: MAR. 5, 2020

SHEET NO: C1.0

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