

PRELIMINARY PLAT PLANS

TO SERVE

DEER VALLEY SUBDIVISION

A RESIDENTIAL SUBDIVISION

IN

TONTITOWN AND WASHINGTON COUNTY

CABLE COMPANY: COX COMMUNICATION
CONTACT: MICHAEL MOORE
4901 SOUTH 48TH STREET
SPRINGDALE, AR 72762
PH: 479-717-3730
FAX: 479-872-0174
EMAIL: MICHAEL.MOORE3@COX.COM

TELEPHONE COMPANY: AT&T
CONTACT: JOHN HILL
PH: 479-442-1963
EMAIL: JH7313@ATT.COM

GAS COMPANY: BLACK HILLS ENERGY
CONTACT: BRANDON STOKES
PH: 479-225-3726

ELECTRIC COMPANY: OZARKS ELECTRIC
CONTACT: WES MAHAFFEY
PH: 479-684-4949
EMAIL: WMAHAFFEY@OZARKSECC.COM

WATER /SEWER DEPARTMENT: TONTITOWN WATER UTILITIES
201 E. HENRI DE TONTI BLVD
TONTITOWN, AR 72770
PH: 479-361-2996
FAX: 501-421-8774

PLANNING DEPARTMENT: PLANNING AND ZONING DEPARTMENT
235 E. HENRI DE TONTI
TONTITOWN, AR 72770
PH: 479-361-9702
FAX 501-421-0012

BUILDING DEPARTMENT: CITY OF TONTITOWN'S BUILDING DEPT.
235 E. HENRI DE TONTI
TONTITOWN, AR 72770
PH: 479-361-9702
FAX 501-421-0012



INDEX OF SHEETS	
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9-10	STORM PLAN AND PROFILES
11	POND PLANS AND DETAILS
12	TYPICAL DETAILS
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21	STORM WATER POLLUTION PROTECTION DETAILS

FLOOD PLAIN ZONING:

THIS PROPERTY IS NOT WITHIN A SPECIAL FLOOD ZONE AS SHOWN ON THE F.I.R.M. MAP #05143C0065 F, PANEL 65 OF 575, WASHINGTON COUNTY, ARKANSAS AND INCORPORATED AREAS. EFFECTIVE DATE: MAY 16, 2008.

NOT FOR CONSTRUCTION

THOMAS J. APPEL, P.E. No. 13828
ENGINEERING SERVICES, INC.

NOTES :

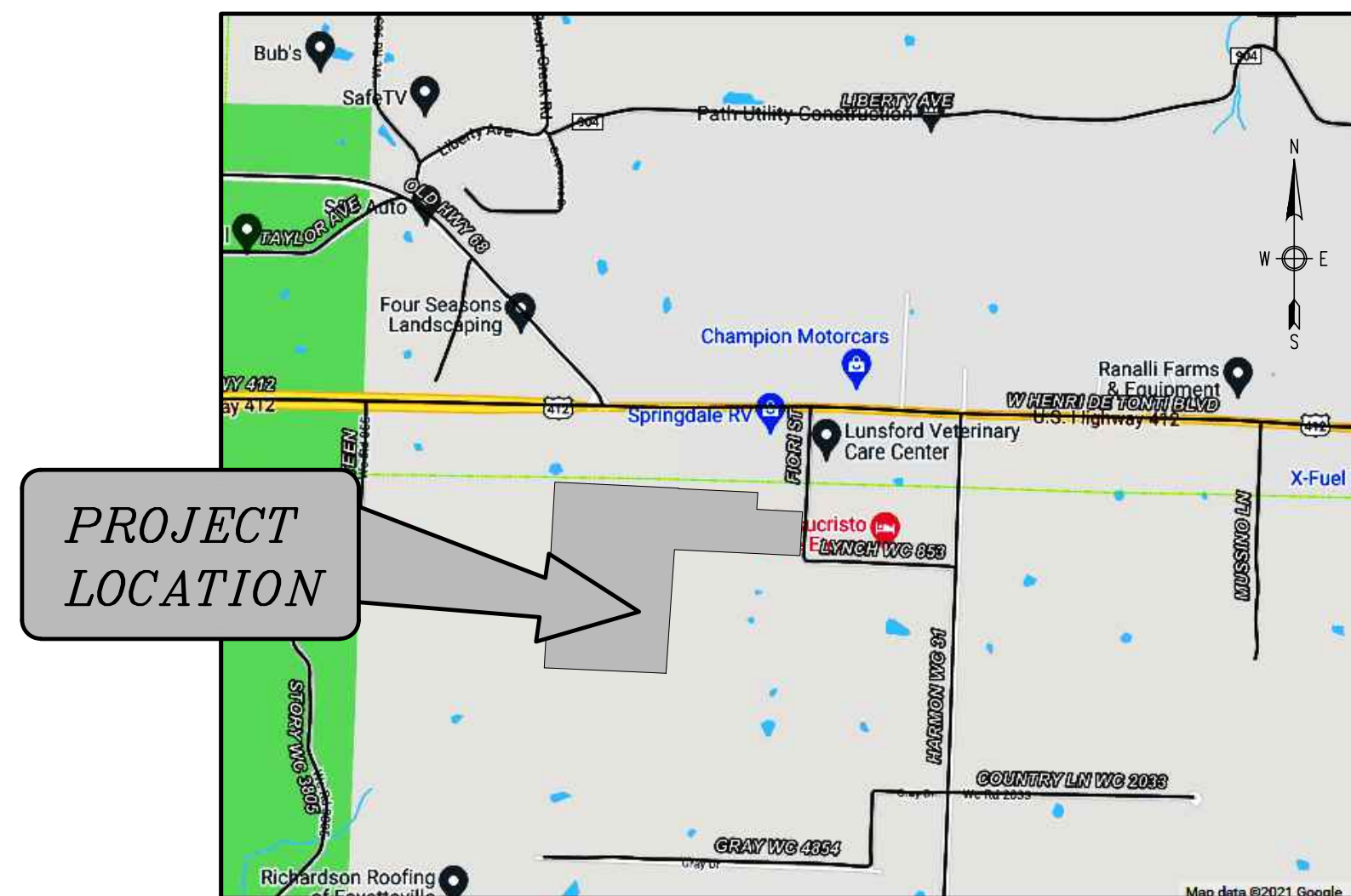
- STREET LIGHTS IN SUBDIVISION TO BE A MINIMUM OF 6800 LUMENS.
- ALL LOT CORNER RADII ARE 30' UNLESS OTHERWISE NOTED.
- ANY DAMAGE OR RELOCATION OF EXISTING UTILITIES SHALL BE AT THE DEVELOPER'S EXPENSE.
- ALL CONDUITS PLACED BY DEVELOPER MUST HAVE 48 INCH COVER AT FINAL GRADE. (6-4" CONDUITS FOR ROAD CROSSINGS, ETC.)
- THERE ARE NO KNOWN WETLANDS ON THIS PROPERTY
- NO KNOWN EROSION PROBLEMS EXIST ON THIS SITE NOR DOWNSTREAM OF THE SITE.
- THERE ARE NO KNOWN EXISTING OR ABANDONED WATER WELLS, SUMPS, CESSPOOLS, SPRINGS, WATER IMPOUNDMENTS, OR UNDERGROUND STRUCTURES ON THIS PROPERTY.
- THERE ARE NO KNOWN POTENTIALLY DANGEROUS AREAS.
- THERE ARE NO KNOWN EXISTING OR PROPOSED GROUND LEASES OR ACCESS AGREEMENTS.
- NO LOTS MAY ACCESS OFF OF FIORI STREET.
- THERE ARE NO KNOWN OVERFLOW PROBLEMS OF SEWER OR SEPTIC SYSTEMS IN THE SITE OR IN THE PROXIMITY OF THE AREA.
- ALL HOUSES SHALL BE SPRINKLERED IN ACCORDANCE WITH FIRE CODE.
- TEST PIT INFORMATION WILL BE SUBMITTED TO WASHINGTON COUNTY FOR REVIEW.
- A WAIVER FOR BLOCK LENGTH WAS APPROVED ON JUNE 28, 2022 TO ALLOW A STREET THAT EXCEEDS THE MAXIMUM OF 1,500 FEET.
- ALL BACKFILL SHALL BE CLASS 7 BASE, 98% MODIFIED PROCTOR, UNLESS OTHERWISE SPECIFIED. ALL STREETS SHALL BE COMPACTED APPROPRIATELY TO SUPPORT EMERGENCY VEHICLES.

November 1, 2022

BY
ENGINEERING SERVICES INC.

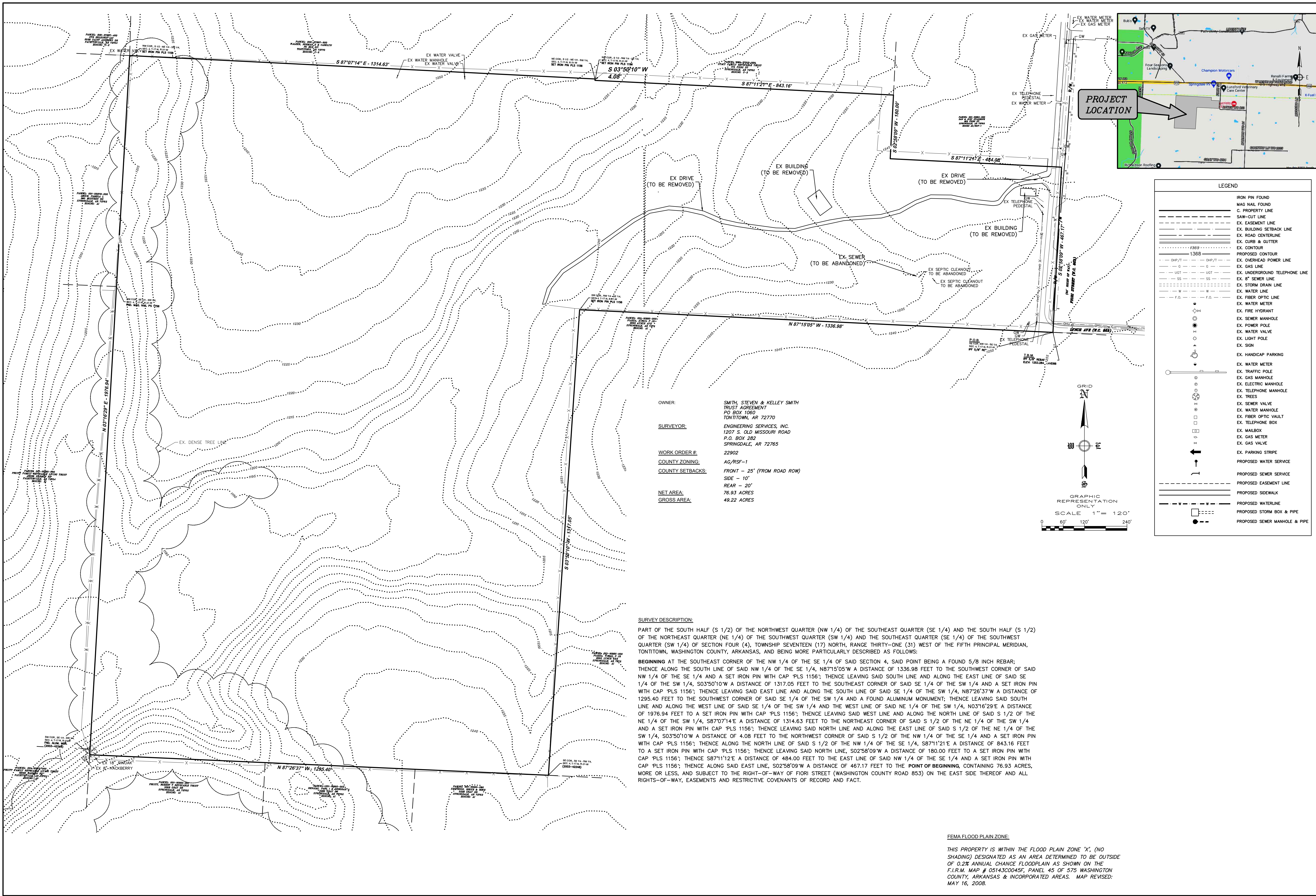


CONSULTING ENGINEERS
SPRINGDALE, ARKANSAS
PHONE: 479-751-8733
FAX: 479-751-8746
WWW.ENGINEERINGSERVICES.COM

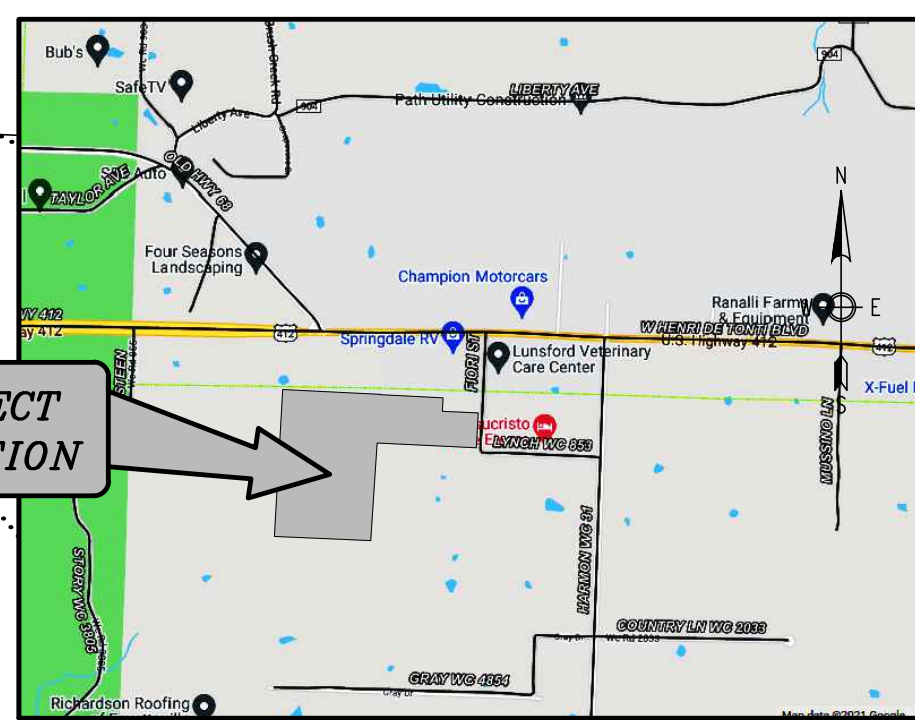


VICINITY MAP

**DEMOLITION PLAN
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS**



PROJECT LOCATION



LEGEND

—	IRON PIN FOUND
—	MAG. NAIL FOUND
—	C. PROPERTY LINE
—	SAW-CUT LINE
—	EX. EASEMENT LINE
—	EX. BUILDING SETBACK LINE
—	EX. ROAD CENTERLINE
—	EX. CURB & CUTTER
—	EX. CONTOUR
—	PROPOSED CONTOUR
—	EX. OVERHEAD POWER LINE
—	EX. GAS LINE
—	EX. UNDERGROUND TELEPHONE LINE
—	EX. SEWER LINE
—	EX. STORM DRAIN LINE
—	EX. WATER LINE
—	EX. FIBER OPTIC LINE
—	EX. WATER METER
—	EX. FIRE HYDRANT
—	EX. SEWER MANHOLE
—	EX. POWER POLE
—	EX. WATER VALVE
—	EX. LIGHT POLE
—	EX. SIGN
—	EX. HANDICAP PARKING
—	EX. WATER METER
—	EX. TRAFFIC POLE
—	EX. GAS MANHOLE
—	EX. ELECTRIC MANHOLE
—	EX. TELEPHONE MANHOLE
—	EX. TREES
—	EX. SEWER VALVE
—	EX. WATER MANHOLE
—	EX. FIBER OPTIC VAULT
—	EX. TELEPHONE BOX
—	EX. MAILBOX
—	EX. GAS METER
—	EX. GAS VALVE
—	EX. PARKING STRIPE
—	PROPOSED WATER SERVICE
—	PROPOSED SEWER SERVICE
—	PROPOSED EASEMENT LINE
—	PROPOSED SIDEWALK
—	PROPOSED WATERLINE
—	PROPOSED STORM BOX & PIPE
—	PROPOSED SEWER MANHOLE & PIPE

OWNER: SMITH, STEVEN & KELLEY SMITH
TRUST AGREEMENT
PO BOX 1080
TONTITOWN, AR 72770

SURVEYOR: ENGINEERING SERVICES, INC.
1207 S. OLD MISSOURI ROAD
P.O. BOX 282
SPRINGDALE, AR 72765

WORK ORDER #: 22902

COUNTY ZONING: AG/RSF-1

COUNTY SETBACKS: FRONT - 25' (FROM ROAD ROW)
SIDE - 10'
REAR - 20'

NET AREA: 76.93 ACRES

GROSS AREA: 49.22 ACRES

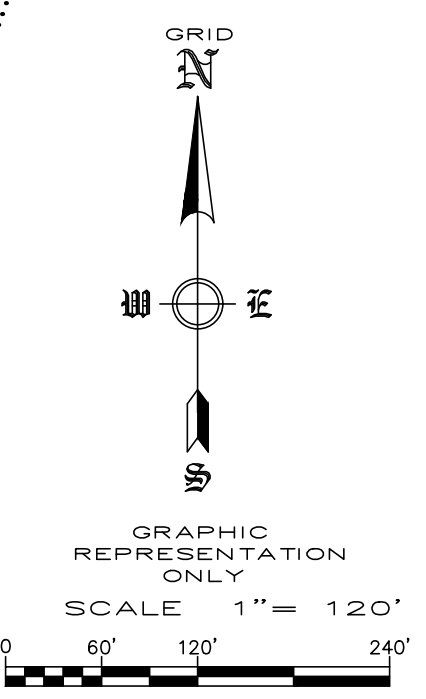
SURVEY DESCRIPTION:

PART OF THE SOUTH HALF (S 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) AND THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) AND THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION FOUR (4), TOWNSHIP SEVENTEEN (17) NORTH, RANGE THIRTY-ONE (31) WEST OF THE FIFTH PRINCIPAL MERIDIAN, TONTITOWN, WASHINGTON COUNTY, ARKANSAS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 4, SAID POINT BEING A FOUND 5/8 INCH REBAR; THENCE ALONG THE SOUTH LINE OF SAID NW 1/4 OF THE SE 1/4, N87°15'05"W A DISTANCE OF 1336.98 FEET TO THE SOUTHWEST CORNER OF SAID NW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID SOUTH LINE AND ALONG THE EAST LINE OF SAID SE 1/4 OF THE SW 1/4, S03°50'10"W A DISTANCE OF 1317.05 FEET TO THE SOUTHEAST CORNER OF SAID SE 1/4 OF THE SW 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID EAST LINE AND ALONG THE SOUTH LINE OF SAID SE 1/4 OF THE SW 1/4, N87°26'37"W A DISTANCE OF 1295.40 FEET TO THE SOUTHWEST CORNER OF SAID SE 1/4 OF THE SW 1/4 AND A FOUND ALUMINUM MONUMENT; THENCE LEAVING SAID SOUTH LINE AND ALONG THE WEST LINE OF SAID SE 1/4 OF THE SW 1/4 AND THE WEST LINE OF SAID NE 1/4 OF THE SW 1/4, N03°16'29"E A DISTANCE OF 1976.94 FEET TO A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID WEST LINE AND ALONG THE NORTH LINE OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4, S87°07'14"E A DISTANCE OF 1314.63 FEET TO THE NORTHEAST CORNER OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID NORTH LINE AND ALONG THE EAST LINE OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4, S03°50'10"W A DISTANCE OF 4.08 FEET TO THE NORTHWEST CORNER OF SAID S 1/2 OF THE NW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE ALONG THE NORTH LINE OF SAID S 1/2 OF THE NW 1/4 OF THE SE 1/4, S87°11'21"E A DISTANCE OF 843.16 FEET TO A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID NORTH LINE, S02°58'09"W A DISTANCE OF 180.00 FEET TO A SET IRON PIN WITH CAP 'PLS 1156'; THENCE ALONG SAID EAST LINE, S02°58'09"W A DISTANCE OF 467.17 FEET TO THE POINT OF BEGINNING, CONTAINING 76.93 ACRES, MORE OR LESS, AND SUBJECT TO THE RIGHT-OF-WAY OF FIORI STREET (WASHINGTON COUNTY ROAD 853) ON THE EAST SIDE THEREOF AND ALL RIGHTS-OF-WAY, EASEMENTS AND RESTRICTIVE COVENANTS OF RECORD AND FACT.

FEMA FLOOD PLAIN ZONE:

THIS PROPERTY IS WITHIN THE FLOOD PLAIN ZONE 'X', (NO SHADING) DESIGNATED AS AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE F.I.R.M. MAP # 05143C0045F, PANEL 45 OF 575 WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. MAP REVISED: MAY 16, 2008.

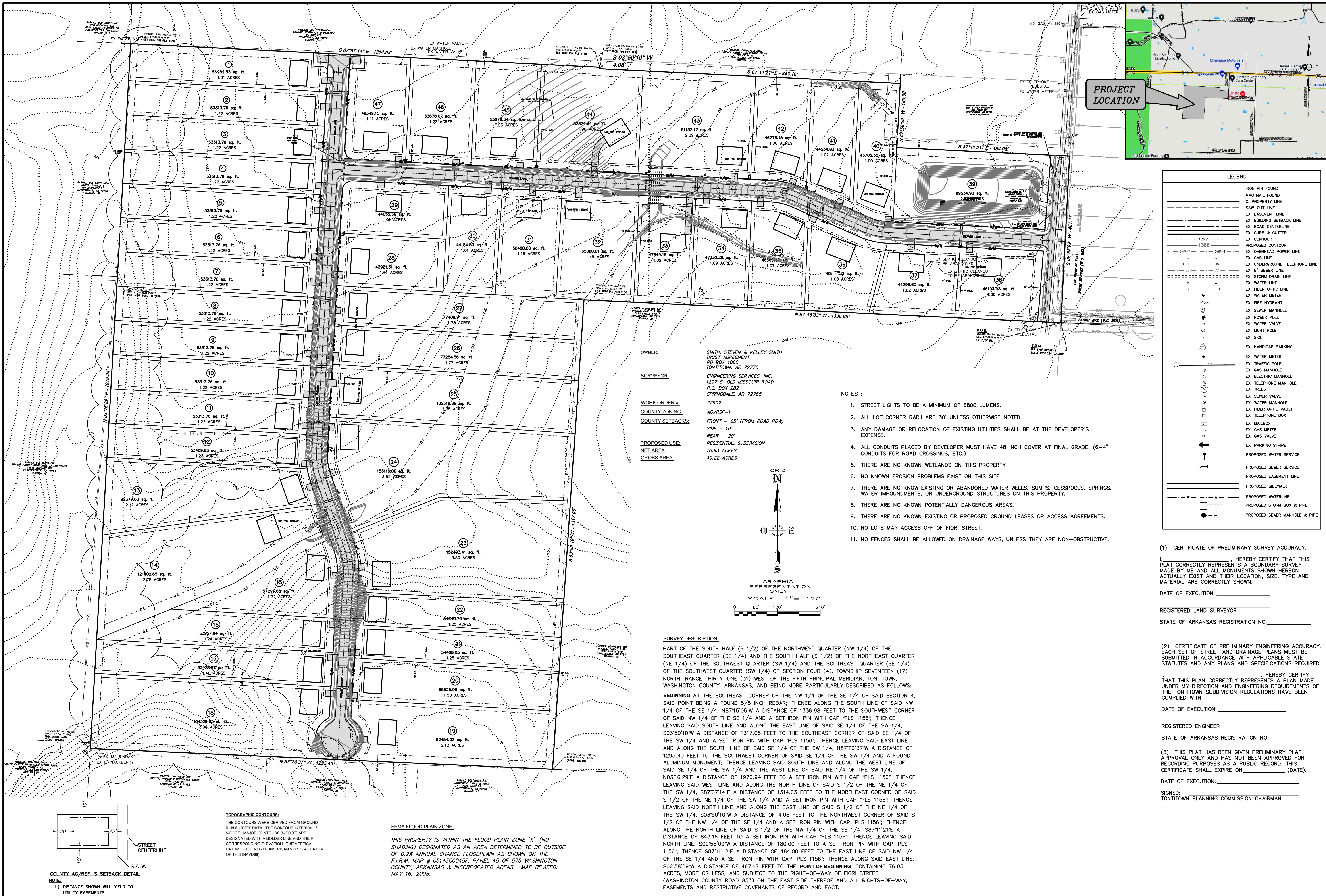


REVISION	DATE	DESCRIPTION

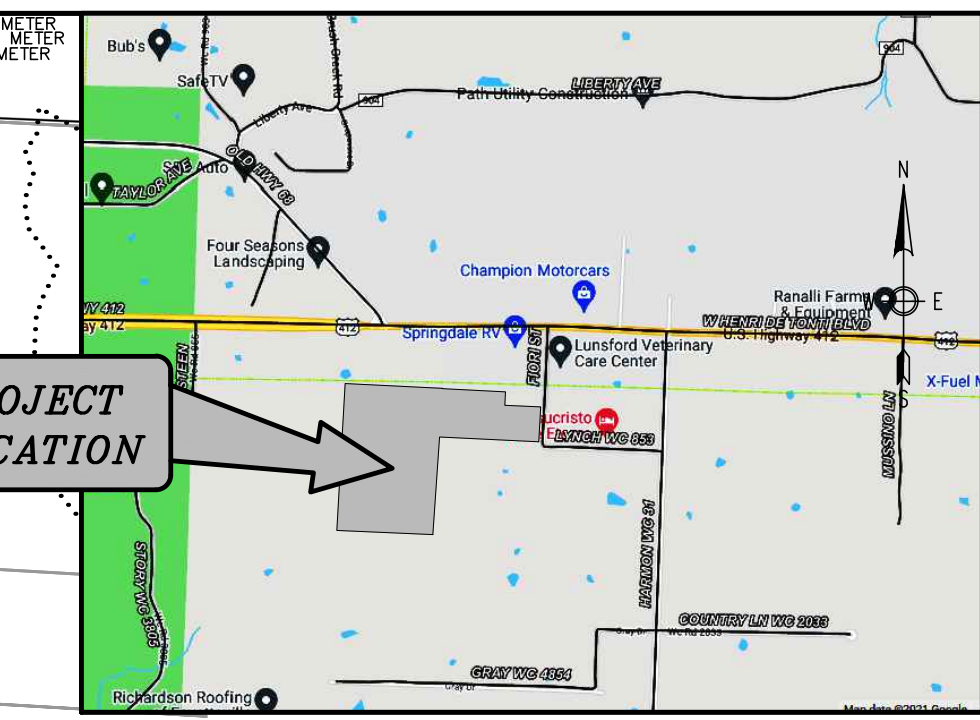
SCALE: 1"=120'
DATE: Oct 31, 2022
DRAWN BY: BAP
W.O. #: 22902

1

**OVERALL SITE PLAN
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS**



PROJECT LOCATION



LEGEND

--- (dashed)	IRON PIN FOUND
--- (dotted)	MAG NAIL FOUND
---	C. PROPERTY LINE
---	SAW-CUT LINE
---	EX. BASEMENT LINE
---	EX. BUILDING SETBACK LINE
---	EX. ROAD CENTERLINE
---	EX. CURB & GUTTER
---	EX. CONTOUR
---	PROPOSED CONTOUR
---	EX. OVERHEAD POWER LINE
---	EX. GAS LINE
---	EX. UNDERGROUND TELEPHONE LINE
---	EX. 8" SEWER LINE
---	EX. STORM DRAIN LINE
---	EX. WATER LINE
---	EX. FIBER OPTIC LINE
---	EX. WATER METER
---	EX. FIRE HYDRANT
---	EX. SEWER MANHOLE
---	EX. POWER POLE
---	EX. WATER VALVE
---	EX. LIGHT POLE
---	EX. SIGN
---	EX. HANDICAP PARKING
---	EX. WATER METER
---	EX. TRAFFIC POLE
---	EX. GAS MANHOLE
---	EX. ELECTRIC MANHOLE
---	EX. TELEPHONE MANHOLE
---	EX. TREES
---	EX. SEWER VALVE
---	EX. WATER MANHOLE
---	EX. FIBER OPTIC VAULT
---	EX. TELEPHONE BOX
---	EX. MAILBOX
---	EX. GAS METER
---	EX. GAS VALVE
---	EX. PARKING STRIPE
---	PROPOSED WATER SERVICE
---	PROPOSED SEWER SERVICE
---	PROPOSED EASEMENT LINE
---	PROPOSED SIDEWALK
---	PROPOSED WATERLINE
---	PROPOSED STORM BOX & PIPE
---	PROPOSED SEWER MANHOLE & PIPE

OWNER: SMITH, STEVEN & KELLEY SMITH
TRUST AGREEMENT
P.O. BOX 1080
TONTITOWN, AR 72770

SURVEYOR: ENGINEERING SERVICES, INC.
1207 S. OLD MISSOURI ROAD
P.O. BOX 282
SPRINGDALE, AR 72765

WORK ORDER #: 22902

COUNTY ZONING: AG/RSF-1

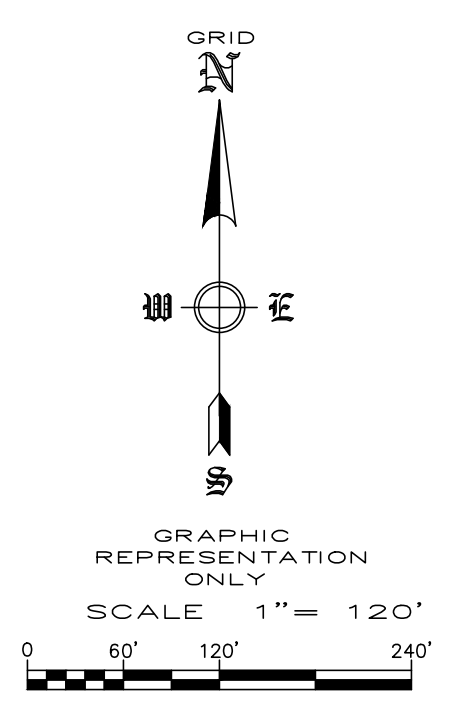
COUNTY SETBACKS: FRONT - 25' (FROM ROAD ROW)
SIDE - 10'
REAR - 20'

PROPOSED USE: RESIDENTIAL SUBDIVISION

NET AREA: 76.93 ACRES

GROSS AREA: 49.22 ACRES

- NOTES:**
- STREET LIGHTS TO BE A MINIMUM OF 6800 LUMENS.
 - ALL LOT CORNER RADII ARE 30' UNLESS OTHERWISE NOTED.
 - ANY DAMAGE OR RELOCATION OF EXISTING UTILITIES SHALL BE AT THE DEVELOPER'S EXPENSE.
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 - THERE ARE NO KNOWN WETLANDS ON THIS PROPERTY.
 - NO KNOWN EROSION PROBLEMS EXIST ON THIS SITE.
 - THERE ARE NO KNOWN EXISTING OR ABANDONED WATER WELLS, SUMPS, CESSPOOLS, SPRINGS, WATER IMPOUNDMENTS, OR UNDERGROUND STRUCTURES ON THIS PROPERTY.
 - THERE ARE NO KNOWN POTENTIALLY DANGEROUS AREAS.
 - THERE ARE NO KNOWN EXISTING OR PROPOSED GROUND LEASES OR ACCESS AGREEMENTS.
 - NO LOTS MAY ACCESS OFF OF FIORI STREET.
 - NO FENCES SHALL BE ALLOWED ON DRAINAGE WAYS, UNLESS THEY ARE NON-OBSTRUCTIVE.



SURVEY DESCRIPTION:

PART OF THE SOUTH HALF (S 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) AND THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) AND THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION FOUR (4), TOWNSHIP SEVENTEEN (17) NORTH, RANGE THIRTY-ONE (31) WEST OF THE FIFTH PRINCIPAL MERIDIAN, TONTITOWN, WASHINGTON COUNTY, ARKANSAS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

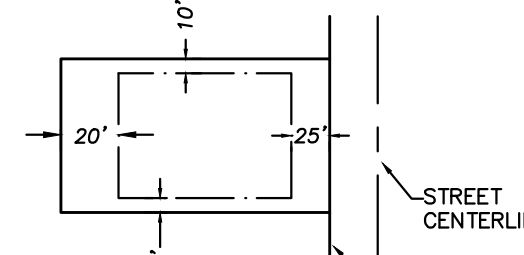
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TOPOGRAPHIC CONTOURS:

THE CONTOURS WERE DERIVED FROM GROUND RUN SURVEY DATA. THE CONTOUR INTERVAL IS 5-FOOT. MAJOR CONTOURS (5-FOOT) ARE DESIGNATED WITH A BOLDER LINE AND THEIR CORRESPONDING ELEVATION. THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



COUNTY AG/RSF-S SETBACK DETAIL NOTE:

1.) DISTANCE SHOWN WILL YIELD TO UTILITY EASEMENTS.

(1) CERTIFICATE OF PRELIMINARY SURVEY ACCURACY.

I, _____, HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME AND ALL MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR LOCATION, SIZE, TYPE AND MATERIAL ARE CORRECTLY SHOWN.

DATE OF EXECUTION: _____

REGISTERED LAND SURVEYOR

STATE OF ARKANSAS REGISTRATION NO. _____

(2) CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY.

EACH SET OF STREET AND DRAINAGE PLANS MUST BE SUBMITTED IN ACCORDANCE WITH APPLICABLE STATE STATUTES AND ANY PLANS AND SPECIFICATIONS REQUIRED.

I, _____, HEREBY CERTIFY THAT THIS PLAN CORRECTLY REPRESENTS A PLAN MADE UNDER MY DIRECTION AND ENGINEERING REQUIREMENTS OF THE TONTITOWN SUBDIVISION REGULATIONS HAVE BEEN COMPLIED WITH.

DATE OF EXECUTION: _____

REGISTERED ENGINEER

STATE OF ARKANSAS REGISTRATION NO. _____

(3) THIS PLAT HAS BEEN GIVEN PRELIMINARY PLAT APPROVAL ONLY AND HAS NOT BEEN APPROVED FOR RECORDING PURPOSES AS A PUBLIC RECORD. THIS CERTIFICATE SHALL EXPIRE ON _____ (DATE).

DATE OF EXECUTION: _____

SIGNED: _____

TONTITOWN PLANNING COMMISSION CHAIRMAN

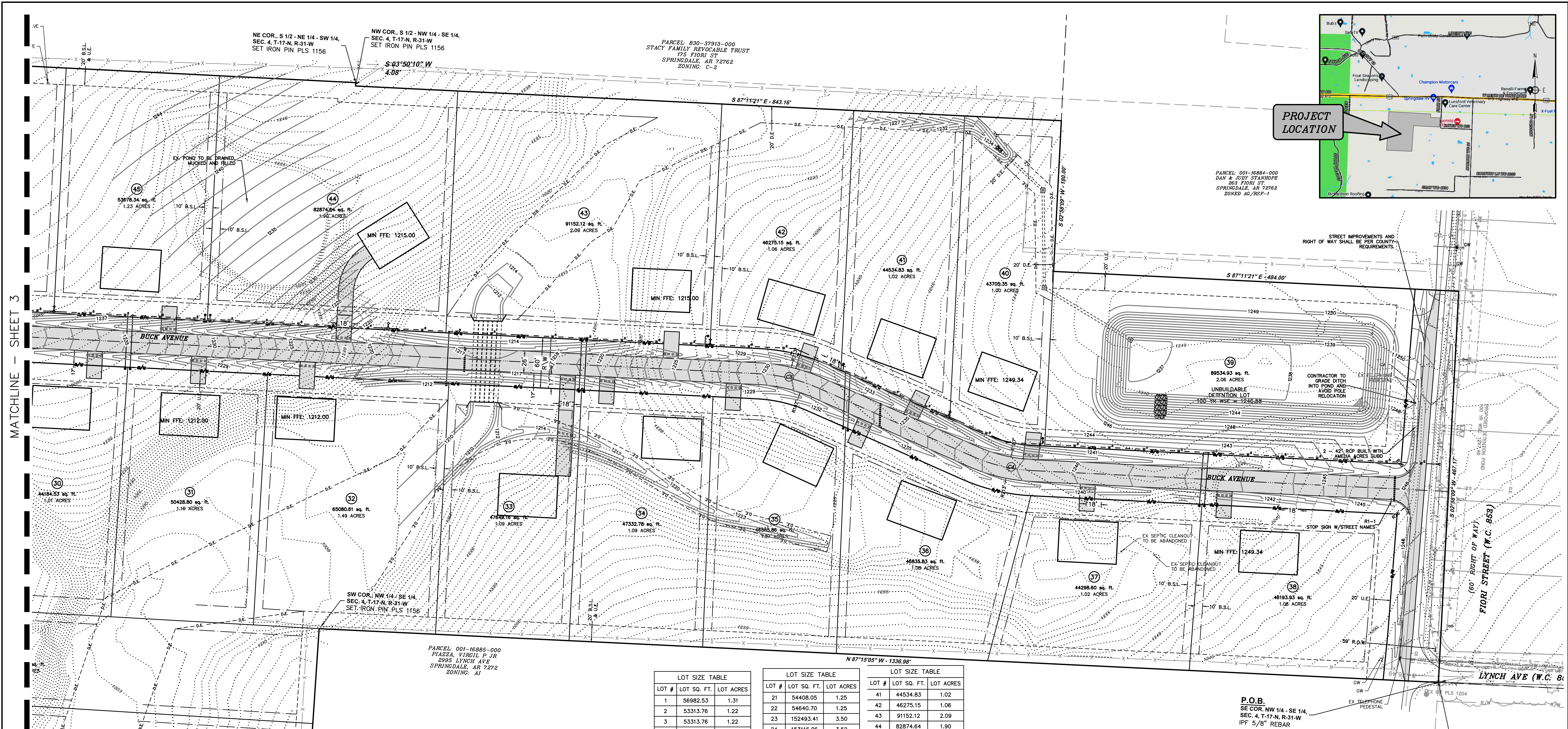
REVISION	DATE	DESCRIPTION

SCALE: 1"=120'

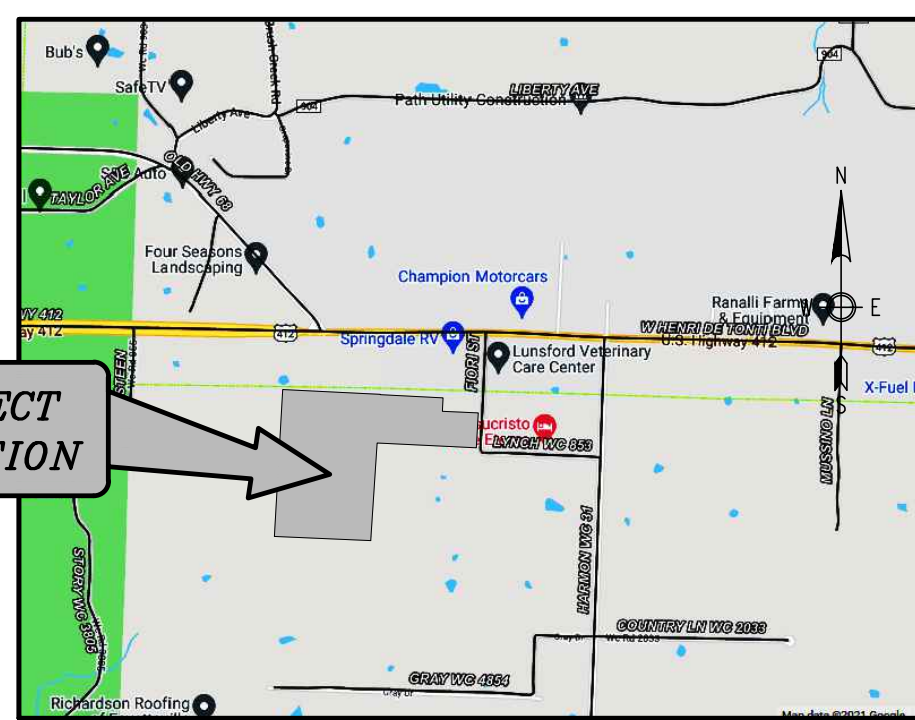
DATE: Oct 31, 2022

DRAWN BY: _____

W.O. # 22902



PROJECT LOCATION



PARCEL: 001-16884-000
DAN & JUDY STANKOPE
263 FIORI ST.
SPRINGDALE, AR 72762
ZONED AG/RSF-1

MATCHLINE - SHEET 3

OWNER: SMITH, STEVEN & KELLEY SMITH
TRUST AGREEMENT
PO BOX 1080
TONTITOWN, AR 72770

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1207 S. OLD MISSOURI ROAD
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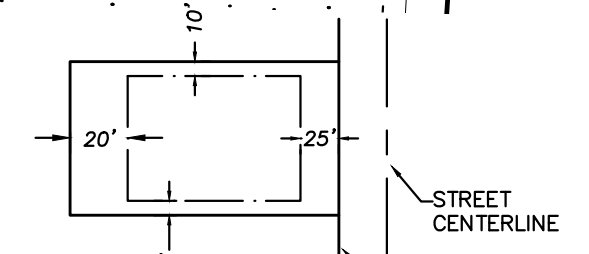
COUNTY ZONING: AG/RSF-1

COUNTY SETBACKS:
FRONT - 25' (FROM ROAD ROW)
SIDE - 10'
REAR - 20'

PROPOSED USE: RESIDENTIAL SUBDIVISION

NET AREA: 76.83 ACRES

GROSS AREA: 49.22 ACRES



SURVEY DESCRIPTION:
PART OF THE SOUTH HALF (S 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) AND THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) AND THE SOUTHWEST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION FOUR (4), TOWNSHIP SEVENTEEN (17) NORTH, RANGE THIRTY-ONE (31) WEST OF THE FIFTH PRINCIPAL MERIDIAN, TONTITOWN, WASHINGTON COUNTY, ARKANSAS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 4, SAID POINT BEING A FOUND 5/8 INCH REBAR; THENCE ALONG THE SOUTH LINE OF SAID NW 1/4 OF THE SE 1/4, N07°15'05"W A DISTANCE OF 1336.98 FEET TO THE SOUTHWEST CORNER OF SAID NW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP PLS 1156; THENCE LEAVING SAID SOUTH LINE AND ALONG THE EAST LINE OF SAID SE 1/4 OF THE SW 1/4, S03°50'10"W A DISTANCE OF 1317.05 FEET TO THE SOUTHWEST CORNER OF SAID SE 1/4 OF THE SW 1/4 AND A SET IRON PIN WITH CAP PLS 1156; THENCE LEAVING SAID EAST LINE AND ALONG THE SOUTH LINE OF SAID SE 1/4 OF THE SW 1/4, N87°26'37"W A DISTANCE OF 1295.40 FEET TO THE SOUTHWEST CORNER OF SAID SE 1/4 OF THE SW 1/4 AND A FOUND ALUMINUM MONUMENT; THENCE LEAVING SAID SOUTH LINE AND ALONG THE WEST LINE OF SAID SE 1/4 OF THE SW 1/4 AND THE WEST LINE OF SAID NE 1/4 OF THE SW 1/4, N03°16'29"E A DISTANCE OF 1976.94 FEET TO A SET IRON PIN WITH CAP PLS 1156; THENCE LEAVING SAID WEST LINE AND ALONG THE NORTH LINE OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4, S87°07'14"E A DISTANCE OF 1314.63 FEET TO THE NORTHEAST CORNER OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4 AND A SET IRON PIN WITH CAP PLS 1156; THENCE ALONG SAID NORTH LINE AND ALONG THE EAST LINE OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4, S03°50'10"W A DISTANCE OF 4.08 FEET TO THE NORTHWEST CORNER OF SAID S 1/2 OF THE NW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP PLS 1156; THENCE ALONG THE NORTH LINE OF SAID S 1/2 OF THE NW 1/4 OF THE SE 1/4, S87°11'21"E A DISTANCE OF 843.16 FEET TO A SET IRON PIN WITH CAP PLS 1156; THENCE LEAVING SAID NORTH LINE, S02°58'09"W A DISTANCE OF 180.00 FEET TO A SET IRON PIN WITH CAP PLS 1156; THENCE S87°11'21"E A DISTANCE OF 484.00 FEET TO THE EAST LINE OF SAID NW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP PLS 1156; THENCE ALONG SAID EAST LINE, S02°58'09"W A DISTANCE OF 467.17 FEET TO THE POINT OF BEGINNING, CONTAINING 76.83 ACRES, MORE OR LESS, AND SUBJECT TO THE RIGHT-OF-WAY OF FIORI STREET (WASHINGTON COUNTY ROAD 853) ON THE EAST SIDE THEREOF AND ALL RIGHTS-OF-WAY, EASEMENTS AND RESTRICTIVE COVENANTS OF RECORD AND FACT.

LOT #	LOT SQ. FT.	LOT ACRES
1	56982.53	1.31
2	53313.76	1.22
3	53313.76	1.22
4	53313.76	1.22
5	53313.76	1.22
6	53313.76	1.22
7	53313.76	1.22
8	53313.76	1.22
9	53313.76	1.22
10	53313.76	1.22
11	53313.76	1.22
12	53409.83	1.23
13	92379.00	2.12
14	121002.65	2.78
15	57296.68	1.32
16	53957.94	1.24
17	63428.87	1.46
18	134329.95	3.08
19	92454.02	2.12
20	65525.98	1.50
21	54408.05	1.25
22	54640.70	1.25
23	152493.41	3.50
24	153116.06	3.52
25	102319.68	2.35
26	77284.56	1.77
27	77406.91	1.78
28	43921.31	1.01
29	44055.39	1.01
30	44184.53	1.01
31	50428.80	1.16
32	65080.61	1.49
33	47649.16	1.09
34	47332.78	1.09
35	46565.86	1.07
36	46835.83	1.08
37	44298.60	1.02
38	46193.93	1.06
39	89534.93	2.06
40	43705.35	1.00
41	44534.83	1.02
42	46275.15	1.06
43	91152.12	2.09
44	82874.64	1.90
45	53678.34	1.23
46	53678.07	1.23
47	48349.15	1.11

TOPOGRAPHIC CONTOURS:
THE CONTOURS WERE DERIVED FROM GROUND RUN SURVEY DATA. THE CONTOUR INTERVAL IS 1 FOOT. MAJOR CONTOURS (5 FOOT) ARE DESIGNATED WITH A BOLDER LINE AND THEIR CORRESPONDING ELEVATION. THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

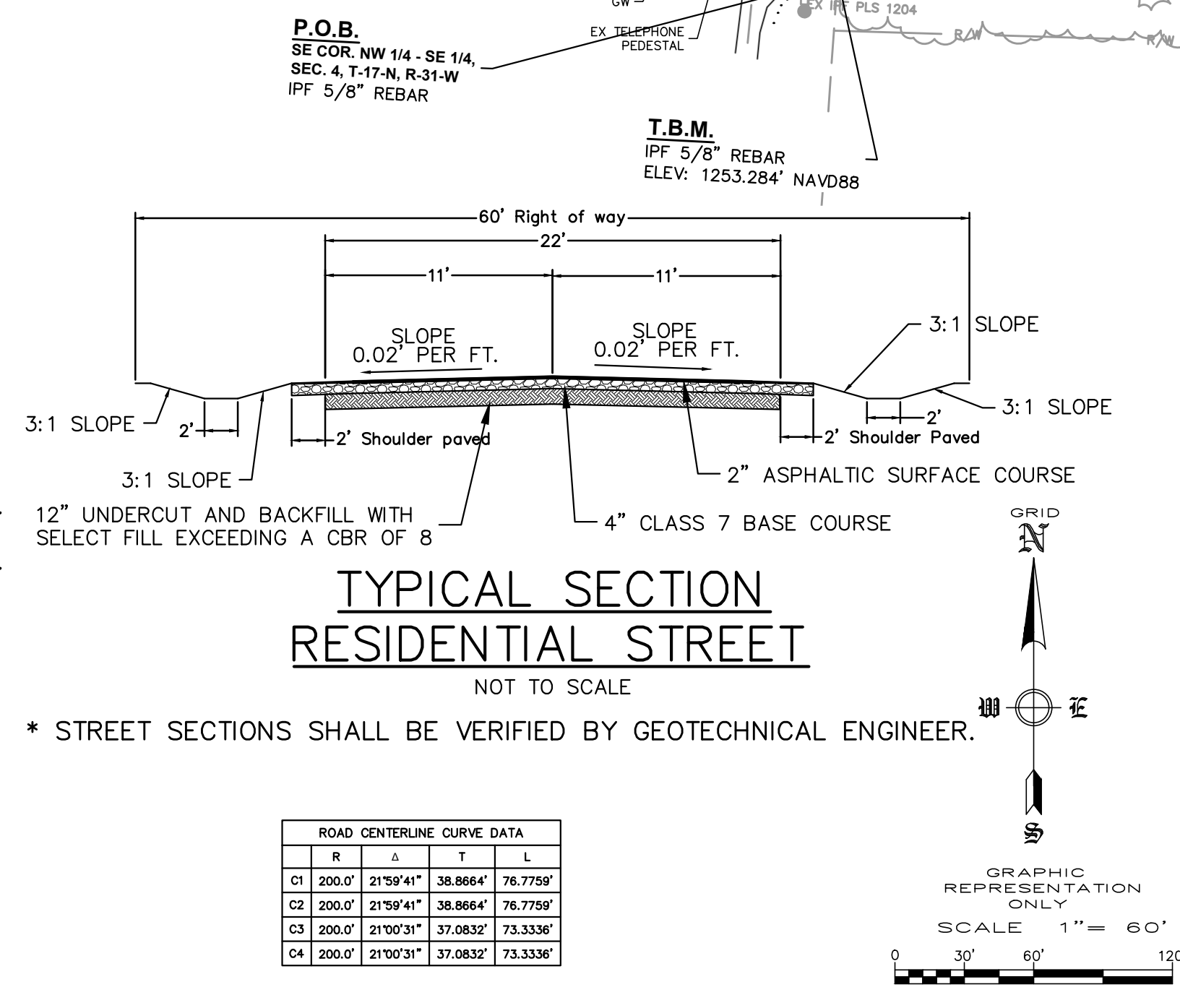
FEMA FLOOD PLAIN ZONE:
THIS PROPERTY IS WITHIN THE FLOOD PLAIN ZONE 'X', (NO SHADING) DESIGNATED AS AN AREA DETERMINED TO BE OUTSIDE OF 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE F.I.R.M. MAP # 05143C0045F, PANEL 45 OF 575 WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. MAP REVISED: MAY 16, 2008.

- NOTES:**
- STREET LIGHTS TO BE A MINIMUM OF 6800 LUMENS.
 - ALL LOT CORNER RADII ARE 30' UNLESS OTHERWISE NOTED.
 - ANY DAMAGE OR RELOCATION OF EXISTING UTILITIES SHALL BE AT THE DEVELOPER'S EXPENSE.
 - ALL CONDUITS PLACED BY DEVELOPER MUST HAVE 48 INCH COVER AT FINAL GRADE. (6-4" CONDUITS FOR ROAD CROSSINGS, ETC.)
 - THERE ARE NO KNOWN WETLANDS ON THIS PROPERTY
 - NO KNOWN EROSION PROBLEMS EXIST ON THIS SITE
 - THERE ARE NO KNOWN EXISTING OR ABANDONED WATER WELLS, SUMPS, CESSPOOLS, SPRINGS, WATER IMPOUNDMENTS, OR UNDERGROUND STRUCTURES ON THIS PROPERTY.
 - THERE ARE NO KNOWN POTENTIALLY DANGEROUS AREAS.
 - THERE ARE NO KNOWN EXISTING OR PROPOSED GROUND LEASES OR ACCESS AGREEMENTS.
 - NO LOTS MAY ACCESS OFF OF FIORI STREET.
 - NO FENCES SHALL BE ALLOWED ON DRAINAGE WAYS, UNLESS THEY ARE NON-OBSTRUCTIVE.

(1) CERTIFICATE OF PRELIMINARY SURVEY ACCURACY.
I, _____, HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME AND ALL MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR LOCATION, SIZE, TYPE AND MATERIAL ARE CORRECTLY SHOWN.
DATE OF EXECUTION: _____
REGISTERED LAND SURVEYOR
STATE OF ARKANSAS REGISTRATION NO. _____

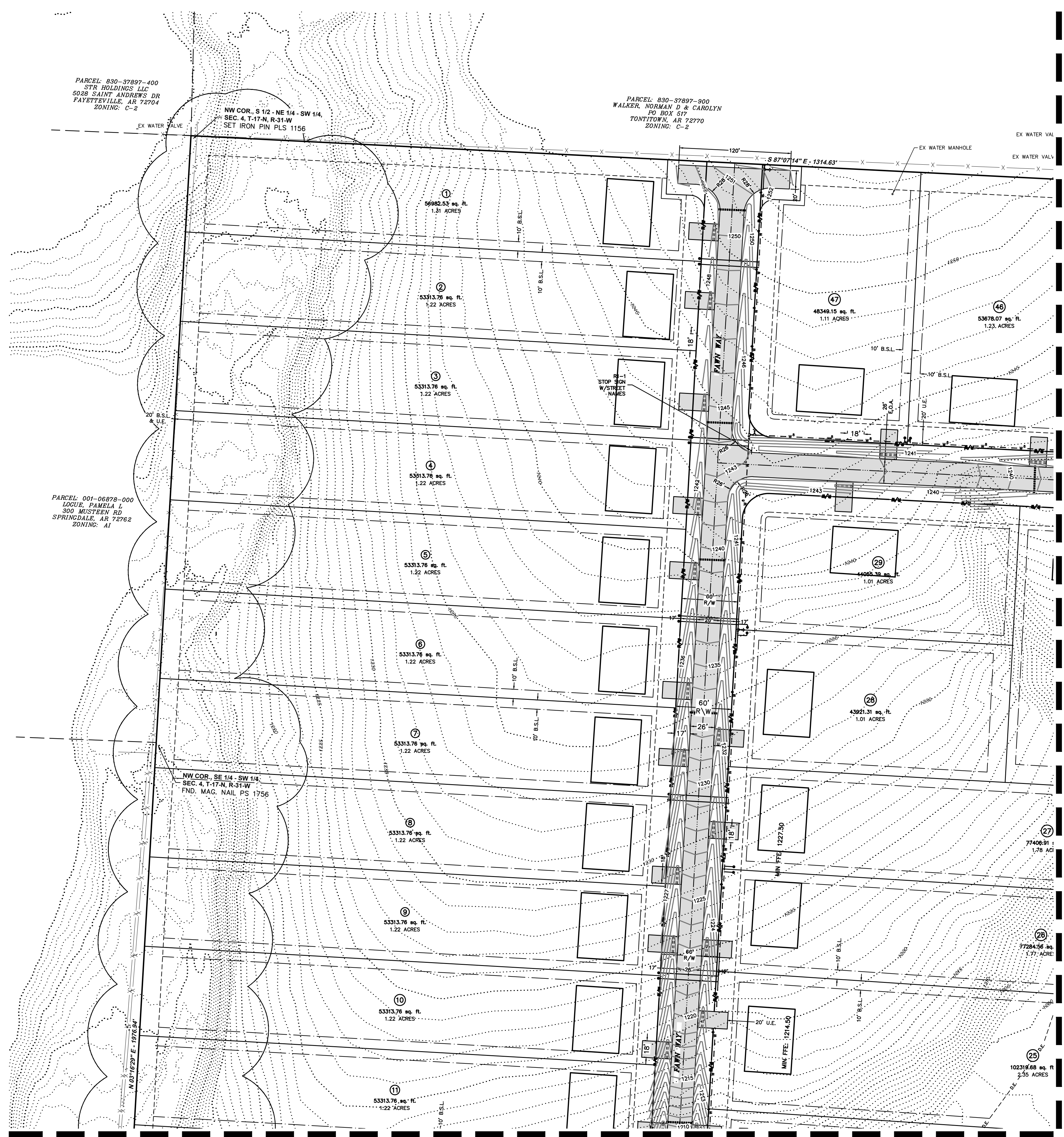
(2) CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY.
EACH SET OF STREET AND DRAINAGE PLANS MUST BE SUBMITTED IN ACCORDANCE WITH APPLICABLE STATE STATUTES AND ANY PLANS AND SPECIFICATIONS REQUIRED.
I, _____, HEREBY CERTIFY THAT THIS PLAN CORRECTLY REPRESENTS A PLAN MADE UNDER MY DIRECTION AND ENGINEERING REQUIREMENTS OF THE TONTITOWN SUBDIVISION REGULATIONS HAVE BEEN COMPLIED WITH.
DATE OF EXECUTION: _____
REGISTERED ENGINEER
STATE OF ARKANSAS REGISTRATION NO. _____

(3) THIS PLAT HAS BEEN GIVEN PRELIMINARY PLAT APPROVAL ONLY AND HAS NOT BEEN APPROVED FOR RECORDING PURPOSES AS A PUBLIC RECORD. THIS CERTIFICATE SHALL EXPIRE ON _____ (DATE).
DATE OF EXECUTION: _____
SIGNED: _____
TONTITOWN PLANNING COMMISSION CHAIRMAN



REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
DATE: Nov 1, 2022
DRAWN BY: BAF
W.O. # 22902



SURVEY DESCRIPTION:
 PART OF THE SOUTH HALF (S 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) AND THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) AND THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION FOUR (4), TOWNSHIP SEVENTEEN (17) NORTH, RANGE THIRTY-ONE (31) WEST OF THE FIFTH PRINCIPAL MERIDIAN, TONTITOWN, WASHINGTON COUNTY, ARKANSAS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 BEGINNING AT THE SOUTHEAST CORNER OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 4, SAID POINT BEING A FOUND 5/8 INCH REBAR; THENCE ALONG THE SOUTH LINE OF SAID NW 1/4 OF THE SE 1/4, N87°15'05"W A DISTANCE OF 1336.98 FEET TO THE SOUTHWEST CORNER OF SAID NW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID SOUTH LINE AND ALONG THE EAST LINE OF SAID NW 1/4 OF THE SW 1/4, S03°50'10"W A DISTANCE OF 1317.05 FEET TO THE SOUTHEAST CORNER OF SAID SE 1/4 OF THE SW 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID EAST LINE AND ALONG THE SOUTH LINE OF SAID SE 1/4 OF THE SW 1/4 AND A FOUND ALUMINUM MONUMENT; THENCE LEAVING SAID SOUTH LINE AND ALONG THE WEST LINE OF SAID SE 1/4 OF THE SW 1/4 AND THE WEST LINE OF SAID NE 1/4 OF THE SW 1/4, N03°16'29"E A DISTANCE OF 1976.94 FEET TO A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID WEST LINE AND ALONG THE NORTH LINE OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4, S87°07'14"E A DISTANCE OF 1314.63 FEET TO THE NORTHEAST CORNER OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID NORTH LINE AND ALONG THE EAST LINE OF SAID S 1/2 OF THE NE 1/4 OF THE SW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE ALONG THE NORTH LINE OF SAID S 1/2 OF THE NW 1/4 OF THE SE 1/4, S87°11'21"E A DISTANCE OF 843.16 FEET TO A SET IRON PIN WITH CAP 'PLS 1156'; THENCE LEAVING SAID NORTH LINE, S02°58'09"W A DISTANCE OF 180.00 FEET TO A SET IRON PIN WITH CAP 'PLS 1156'; THENCE S87°11'12"E A DISTANCE OF 484.00 FEET TO THE EAST LINE OF SAID NW 1/4 OF THE SE 1/4 AND A SET IRON PIN WITH CAP 'PLS 1156'; THENCE ALONG SAID EAST LINE, S02°58'09"W A DISTANCE OF 467.17 FEET TO THE POINT OF BEGINNING, CONTAINING 76.93 ACRES, MORE OR LESS, AND SUBJECT TO THE RIGHT-OF-WAY OF FIORI STREET (WASHINGTON COUNTY ROAD 853) ON THE EAST SIDE THEREOF AND ALL RIGHTS-OF-WAY, EASEMENTS AND RESTRICTIVE COVENANTS OF RECORD AND FACT.

- NOTES:**
- STREET LIGHTS TO BE A MINIMUM OF 6800 LUMENS.
 - ALL LOT CORNER RADI ARE 30' UNLESS OTHERWISE NOTED.
 - ANY DAMAGE OR RELOCATION OF EXISTING UTILITIES SHALL BE AT THE DEVELOPER'S EXPENSE.
 - ALL CONDUITS PLACED BY DEVELOPER MUST HAVE 48 INCH COVER AT FINAL GRADE. (6-4" CONDUITS FOR ROAD CROSSINGS, ETC.)
 - THERE ARE NO KNOWN WETLANDS ON THIS PROPERTY
 - NO KNOWN EROSION PROBLEMS EXIST ON THIS SITE
 - THERE ARE NO KNOWN EXISTING OR ABANDONED WATER WELLS, SUMPS, CESSPOOLS, SPRINGS, WATER IMPOUNDMENTS, OR UNDERGROUND STRUCTURES ON THIS PROPERTY.
 - THERE ARE NO KNOWN POTENTIALLY DANGEROUS AREAS.
 - THERE ARE NO KNOWN EXISTING OR PROPOSED GROUND LEASES OR ACCESS AGREEMENTS.
 - NO LOTS MAY ACCESS OFF OF FIORI STREET.
 - NO FENCES SHALL BE ALLOWED ON DRAINAGE WAYS, UNLESS THEY ARE NON-OBSSTRUCTIVE.

(1) CERTIFICATE OF PRELIMINARY SURVEY ACCURACY.
 I, _____, HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME AND ALL MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR LOCATION, SIZE, TYPE AND MATERIAL ARE CORRECTLY SHOWN.
 DATE OF EXECUTION: _____
 REGISTERED LAND SURVEYOR
 STATE OF ARKANSAS REGISTRATION NO. _____

(2) CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY.
 EACH SET OF STREET AND DRAINAGE PLANS MUST BE SUBMITTED IN ACCORDANCE WITH APPLICABLE STATE STATUTES AND ANY PLANS AND SPECIFICATIONS REQUIRED.
 I, _____, HEREBY CERTIFY THAT THIS PLAN CORRECTLY REPRESENTS A PLAN MADE UNDER MY DIRECTION AND ENGINEERING REQUIREMENTS OF THE TONTITOWN SUBDIVISION REGULATIONS HAVE BEEN COMPLIED WITH.
 DATE OF EXECUTION: _____
 REGISTERED ENGINEER
 STATE OF ARKANSAS REGISTRATION NO. _____

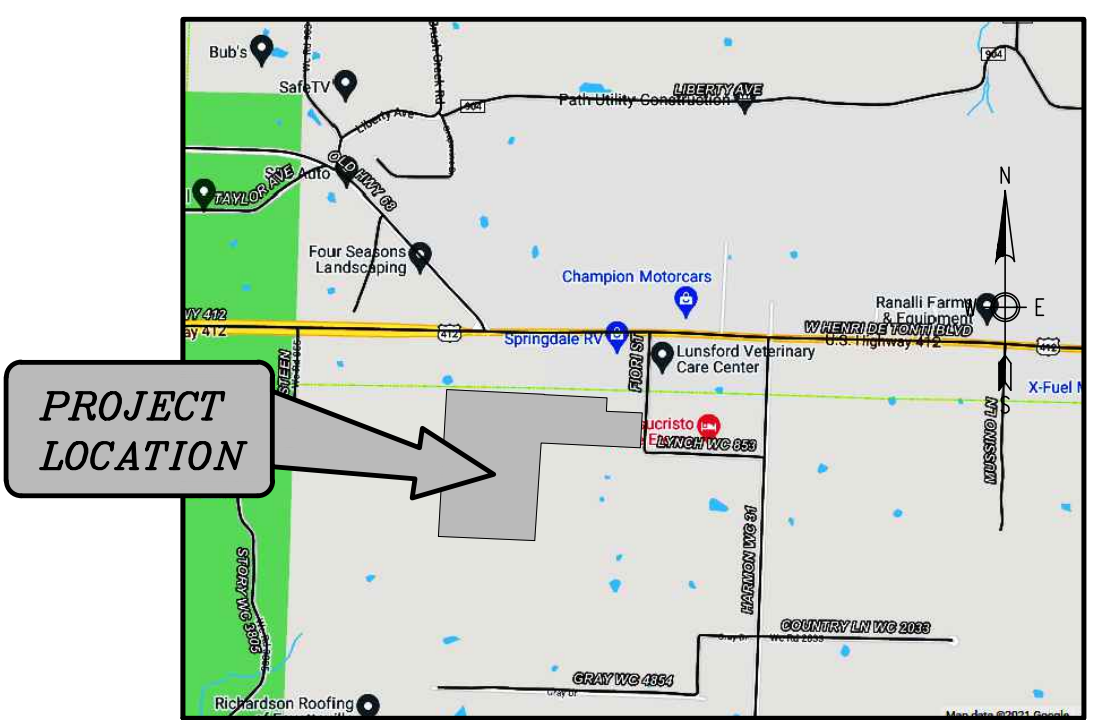
(3) THIS PLAT HAS BEEN GIVEN PRELIMINARY PLAT APPROVAL ONLY AND HAS NOT BEEN APPROVED FOR RECORDING PURPOSES AS A PUBLIC RECORD. THIS CERTIFICATE SHALL EXPIRE ON _____ (DATE).
 DATE OF EXECUTION: _____
 SIGNED: _____
 TONTITOWN PLANNING COMMISSION CHAIRMAN

LOT #	LOT SQ. FT.	LOT ACRES
1	56982.53	1.31
2	53313.76	1.22
3	53313.76	1.22
4	53313.76	1.22
5	53313.76	1.22
6	53313.76	1.22
7	53313.76	1.22
8	53313.76	1.22
9	53313.76	1.22
10	53313.76	1.22
11	53313.76	1.22
12	53409.83	1.23
13	92379.00	2.12
14	121002.65	2.78
15	57296.68	1.32
16	53957.94	1.24
17	63428.87	1.46
18	134329.95	3.08
19	82454.02	2.12
20	65525.98	1.50

LOT #	LOT SQ. FT.	LOT ACRES
21	54408.05	1.25
22	54640.70	1.25
23	152493.41	3.50
24	153116.06	3.52
25	102319.68	2.35
26	77284.56	1.77
27	77406.91	1.78
28	43921.31	1.01
29	44055.59	1.01
30	44184.53	1.01
31	50428.80	1.16
32	65080.61	1.49
33	47649.16	1.09
34	47332.78	1.09
35	46565.86	1.07
36	46835.83	1.08
37	44298.60	1.02
38	46193.93	1.06
39	89534.93	2.06
40	43705.35	1.00

LOT #	LOT SQ. FT.	LOT ACRES
41	44534.83	1.02
42	46275.15	1.06
43	91152.12	2.09
44	82874.64	1.90
45	53678.34	1.23
46	53678.07	1.23
47	48349.15	1.11

	R	S	T	L
C1	200.0'	2159'41"	38.8664'	76.7759'
C2	200.0'	2159'41"	38.8664'	76.7759'
C3	200.0'	2100'31"	37.0832'	73.3338'
C4	200.0'	2100'31"	37.0832'	73.3338'



OWNER: SMITH, STEVEN & KELLEY SMITH
 TRUST AGREEMENT
 PO BOX 1060
 TONTITOWN, AR 72770

SURVEYOR: ENGINEERING SERVICES, INC.
 1207 S. OLD MISSOURI ROAD
 P.O. BOX 282
 SPRINGDALE, AR 72765

WORK ORDER #: 22902

COUNTY ZONING: AG/RSF-1

COUNTY SETBACKS: FRONT - 25' (FROM ROAD ROW)
 SIDE - 10'
 REAR - 20'

PROPOSED USE: RESIDENTIAL SUBDIVISION

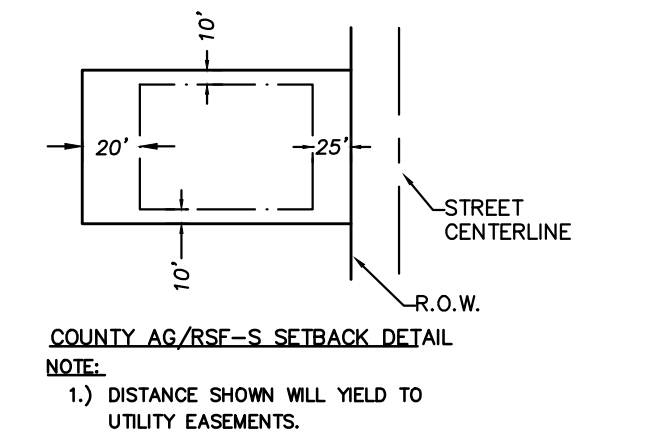
NET AREA: 76.93 ACRES

GROSS AREA: 49.22 ACRES

FEMA FLOOD PLAIN ZONE:

THIS PROPERTY IS WITHIN THE FLOOD PLAIN ZONE 'X' (NO SHADING) DESIGNATED AS AN AREA DETERMINED TO BE OUTSIDE OF 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE F.I.R.M. MAP # 05143C0045F, PANEL 45 OF 575 WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. MAP REVISED: MAY 16, 2008.

TOPOGRAPHIC CONTOURS:
 THE CONTOURS WERE DERIVED FROM GROUND RUN SURVEY DATA. THE CONTOUR INTERVAL IS 1-FOOT. MAJOR CONTOURS (5-FOOT) ARE DESIGNATED WITH A BOLDER LINE AND THEIR CORRESPONDING ELEVATION. THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



MATCHLINE - SHEET 3

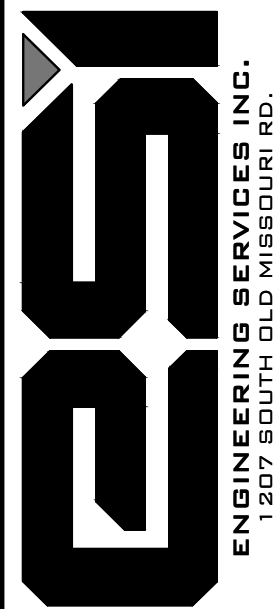
MATCHLINE - SHEET 5



**PRELIMINARY PLAT
 DEER VALLEY SUBDIVISION
 TONTITOWN, ARKANSAS**

REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
 DATE: Nov 1, 2022
 DRAWN BY: BAF
 W.O. # 22902



**PRELIMINARY PLAT
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS**

PARCEL: 001-16885-000
PRUITT FAMILY REVOCABLE LIVING TRUST
18096 HARMON RD
FAYETTEVILLE, AR 72704
ZONING: AI

PARCEL: 001-16885-000
PIAZZA VIRGIL P JR
2885 LYNCH AVE
SPRINGDALE, AR 72712
ZONING: AI

SW COR, SE 1/4 - SW 1/4,
SEC 4, T-17-N, R-31-W
FND. ALUM. MON.
(2003-42248)

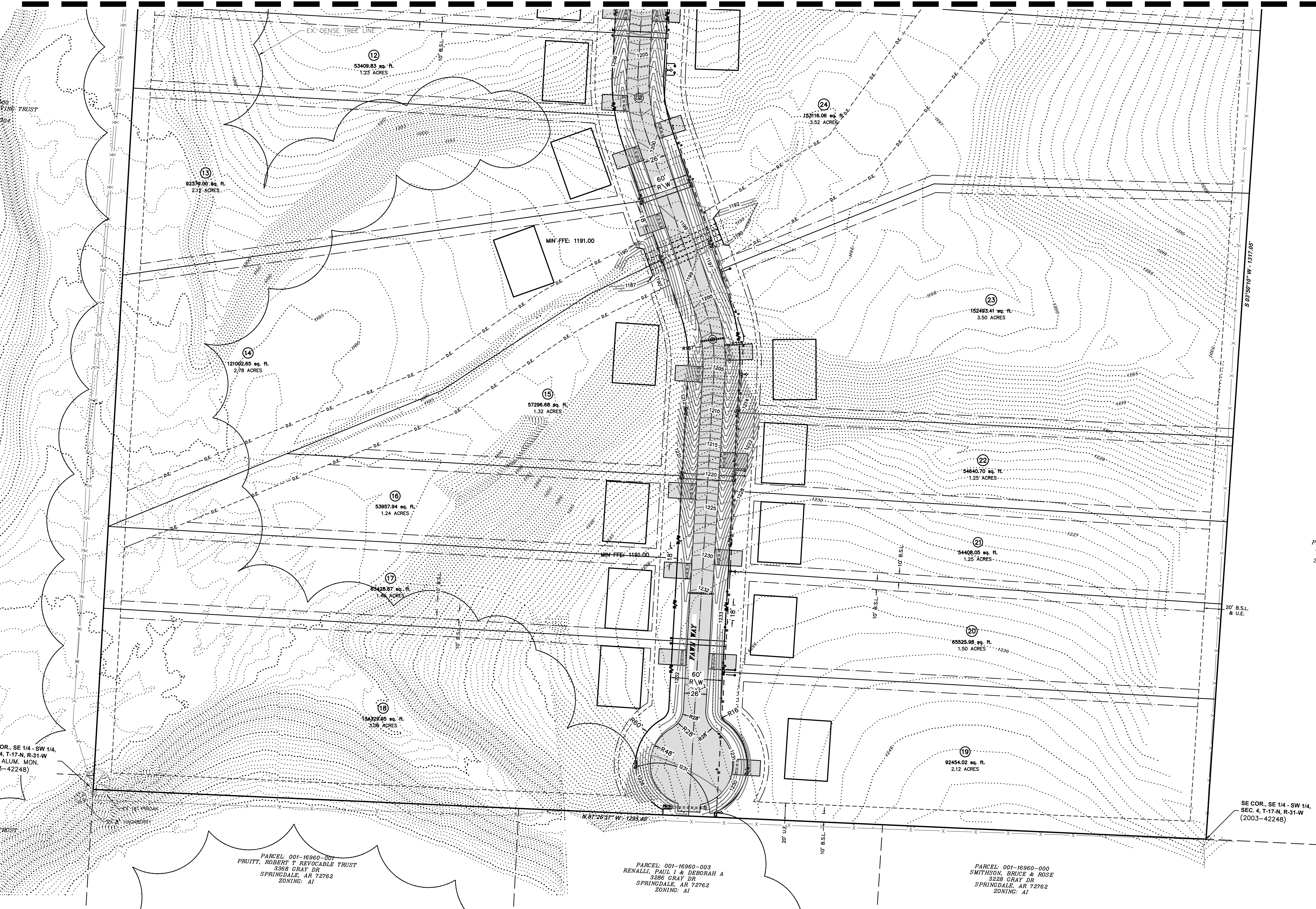
SE COR, SE 1/4 - SW 1/4,
SEC 4, T-17-N, R-31-W
(2003-42248)

PARCEL: 001-16962-000
PRUITT FAMILY REVOCABLE LIVING TRUST
18096 HARMON RD
FAYETTEVILLE, AR 72704
ZONING: AI

PARCEL: 001-16960-001
PRUITT, ROBERT T REVOCABLE TRUST
3368 CRAY DR
SPRINGDALE, AR 72762
ZONING: AI

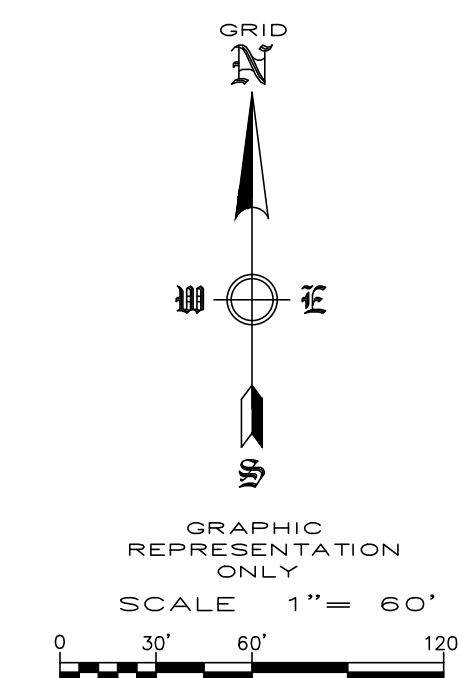
PARCEL: 001-16960-003
RENALLI, PAUL T & DEBORAH A
3286 CRAY DR
SPRINGDALE, AR 72762
ZONING: AI

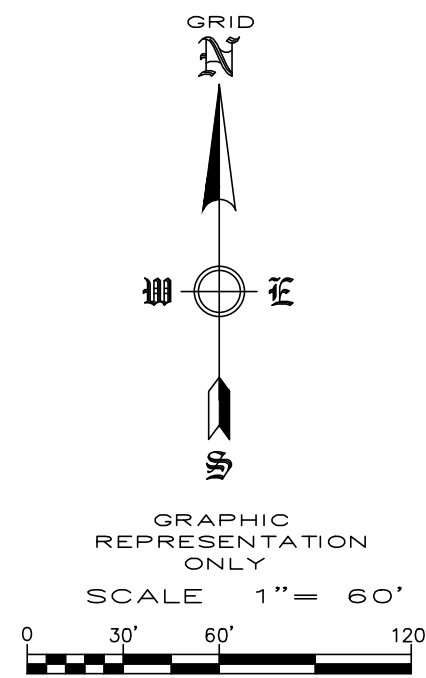
PARCEL: 001-16960-000
SMITHSON, BRUCE & ROSE
3228 GRAY DR
SPRINGDALE, AR 72762
ZONING: AI



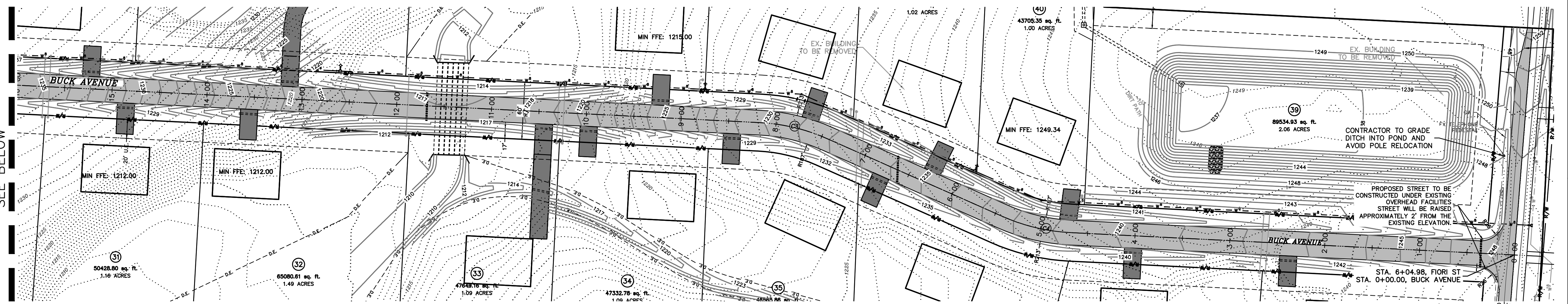
REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
DATE: Nov 1, 2022
DRAWN BY: BAF
W.O. # 22902



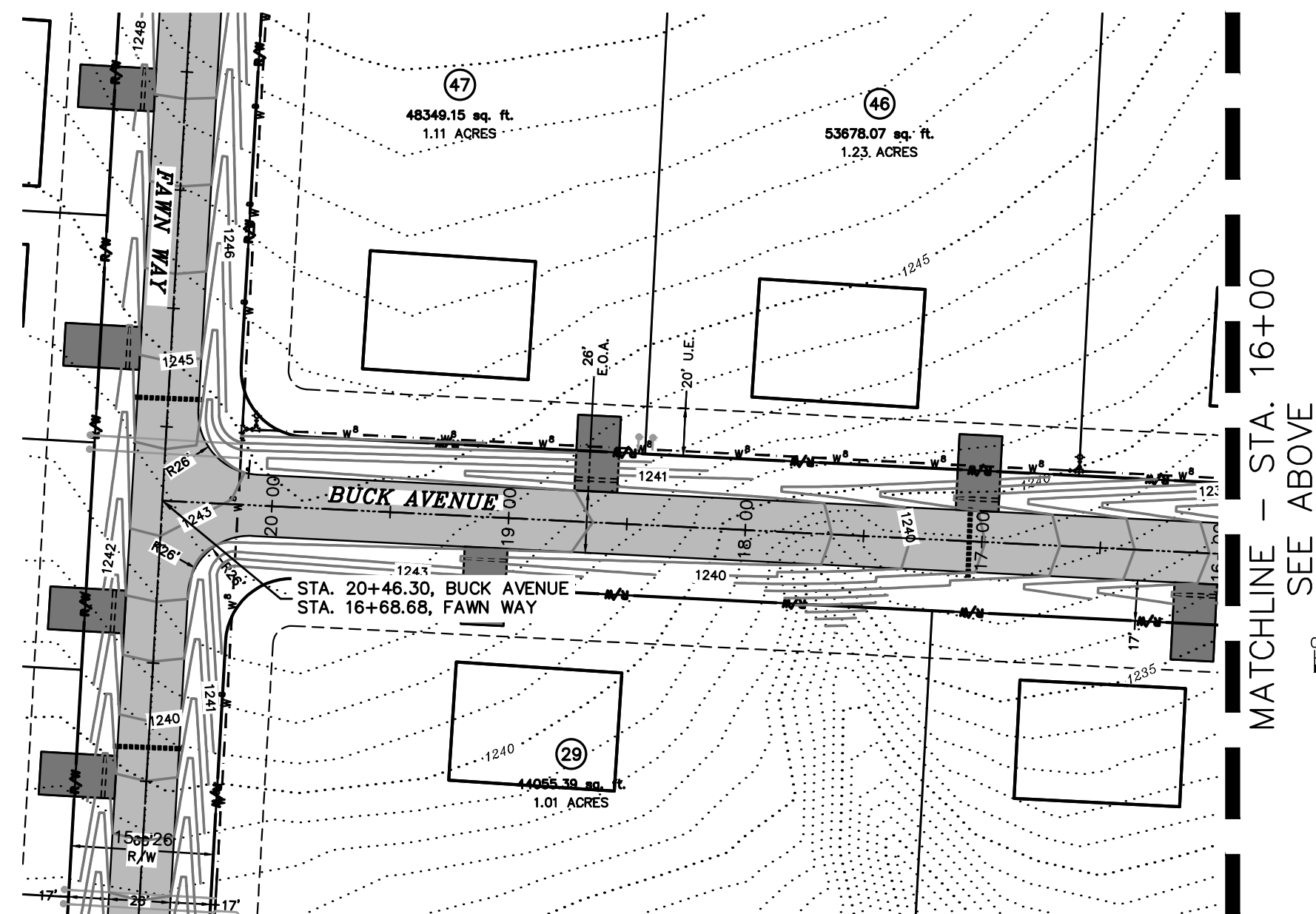
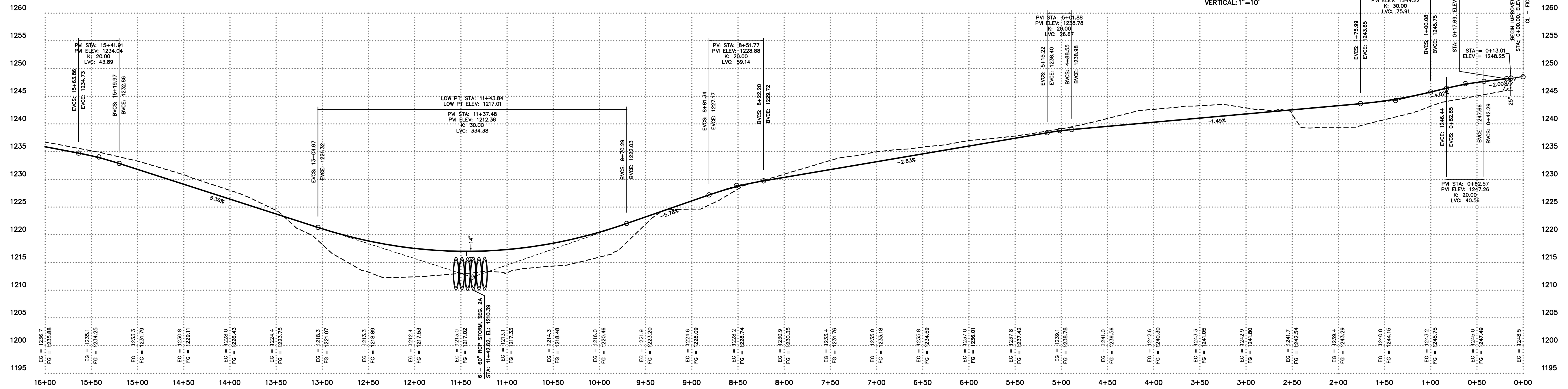


MATCHLINE - STA. 16+00
SEE BELOW

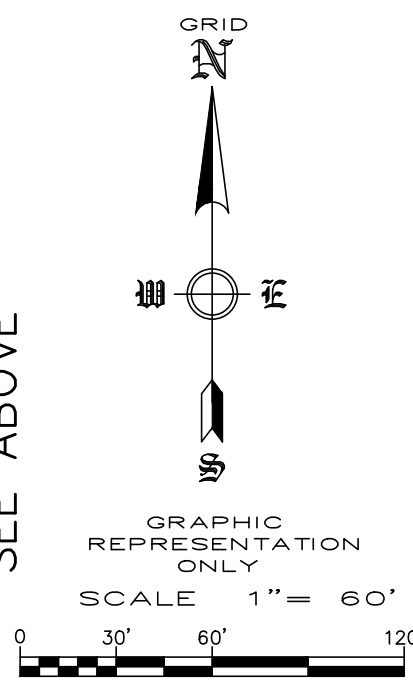


BUCK AVE STATION 0+00 - 16+00

SCALE:
HORIZONTAL: 1"=60'
VERTICAL: 1"=10'

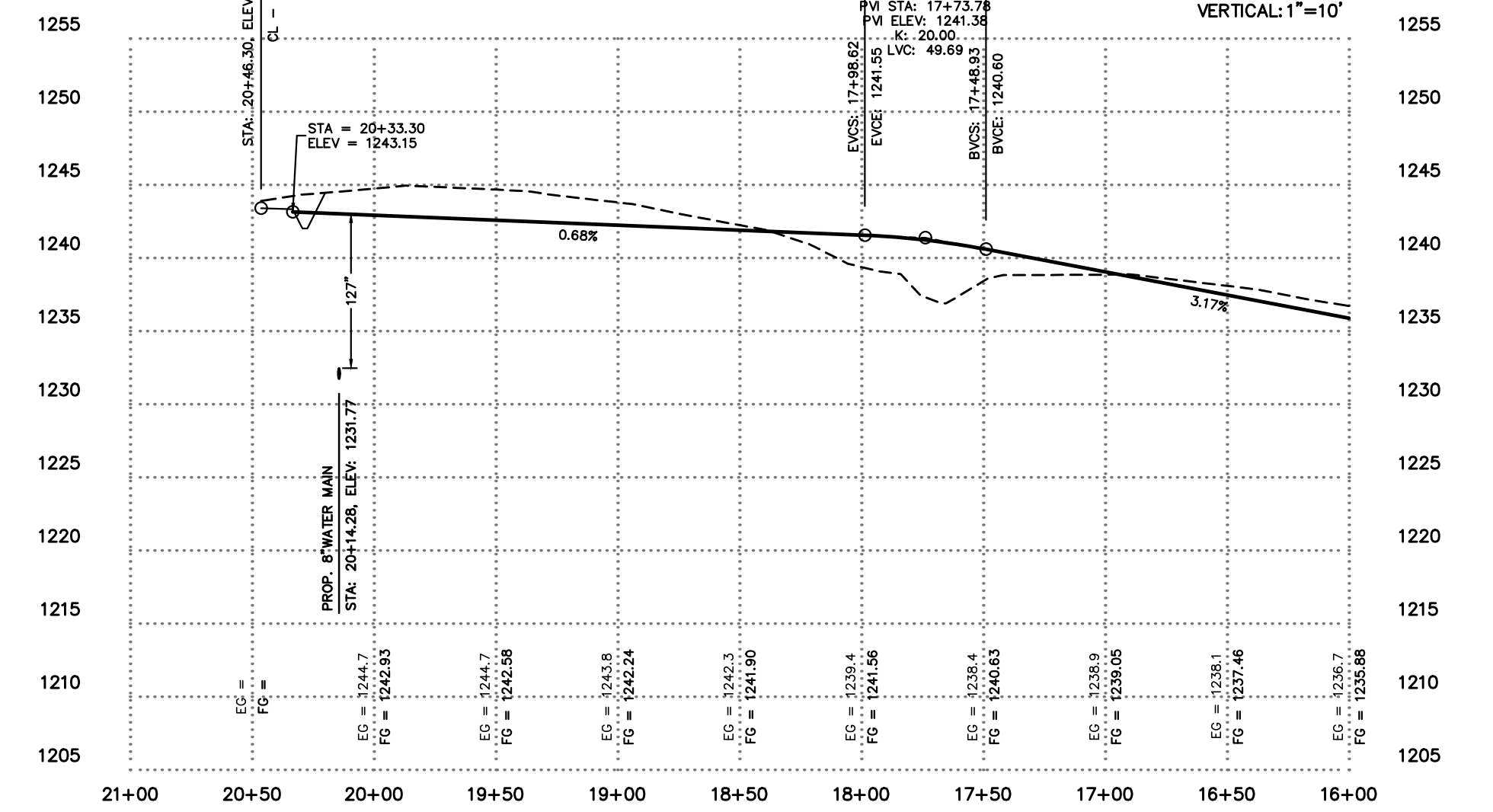


MATCHLINE - STA. 16+00
SEE ABOVE

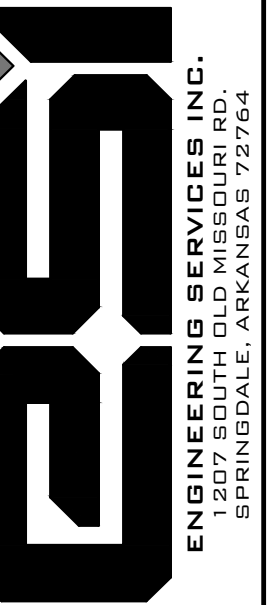


BUCK AVE STATION 16+00 - 21+00

SCALE:
HORIZONTAL: 1"=60'
VERTICAL: 1"=10'

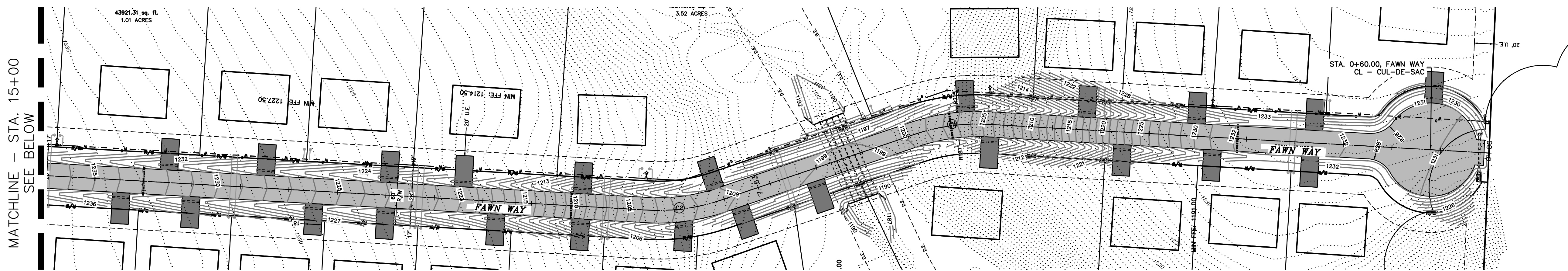


**STREET PLAN AND PROFILE
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS**

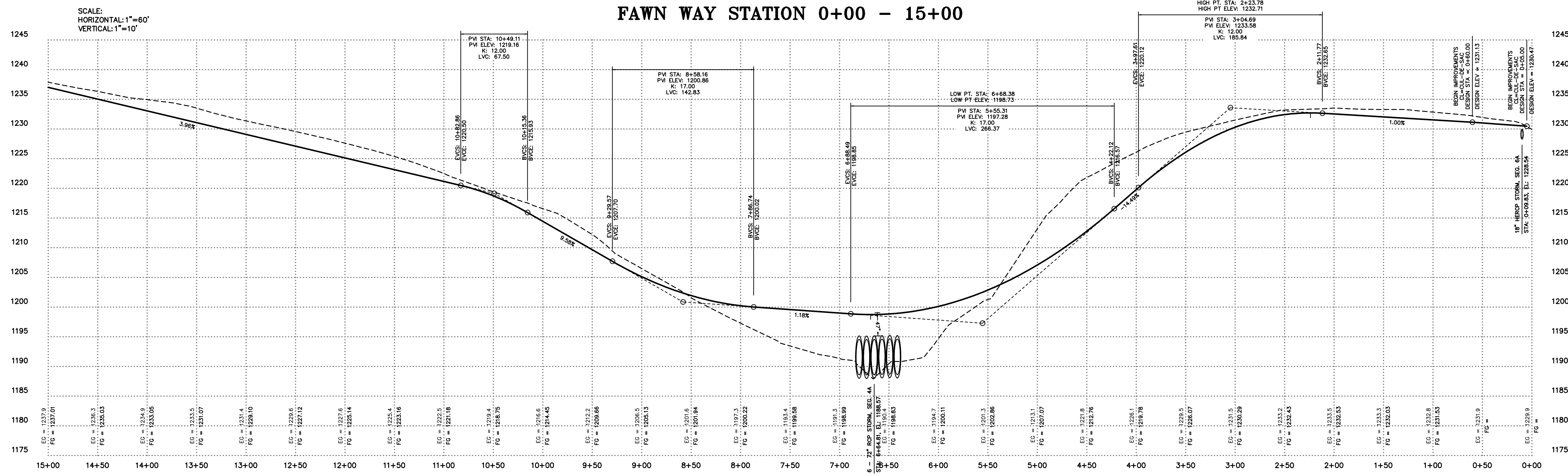


REVISION	DATE	DESCRIPTION

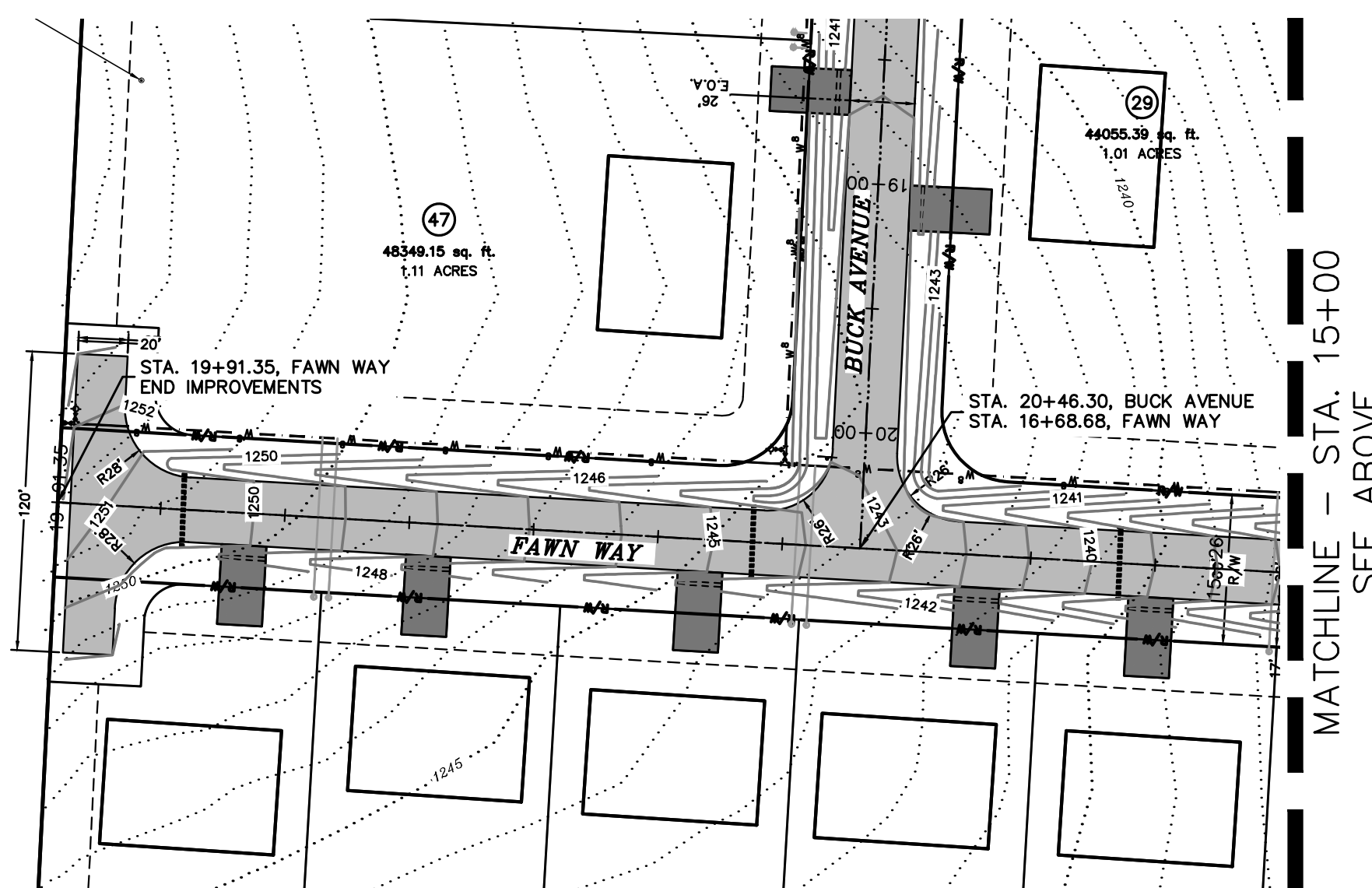
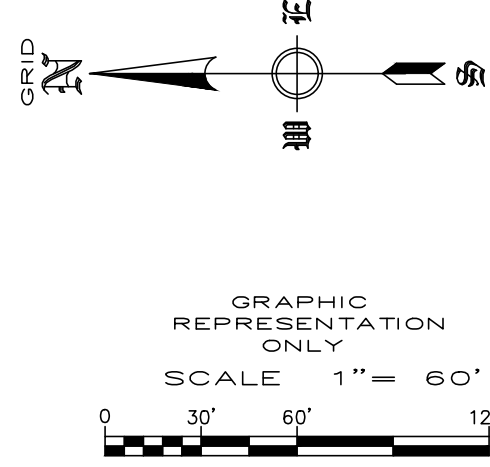
SCALE: 1"=60'
DATE: Nov 1, 2022
DRAWN BY: BAF
W.O. #: 22902



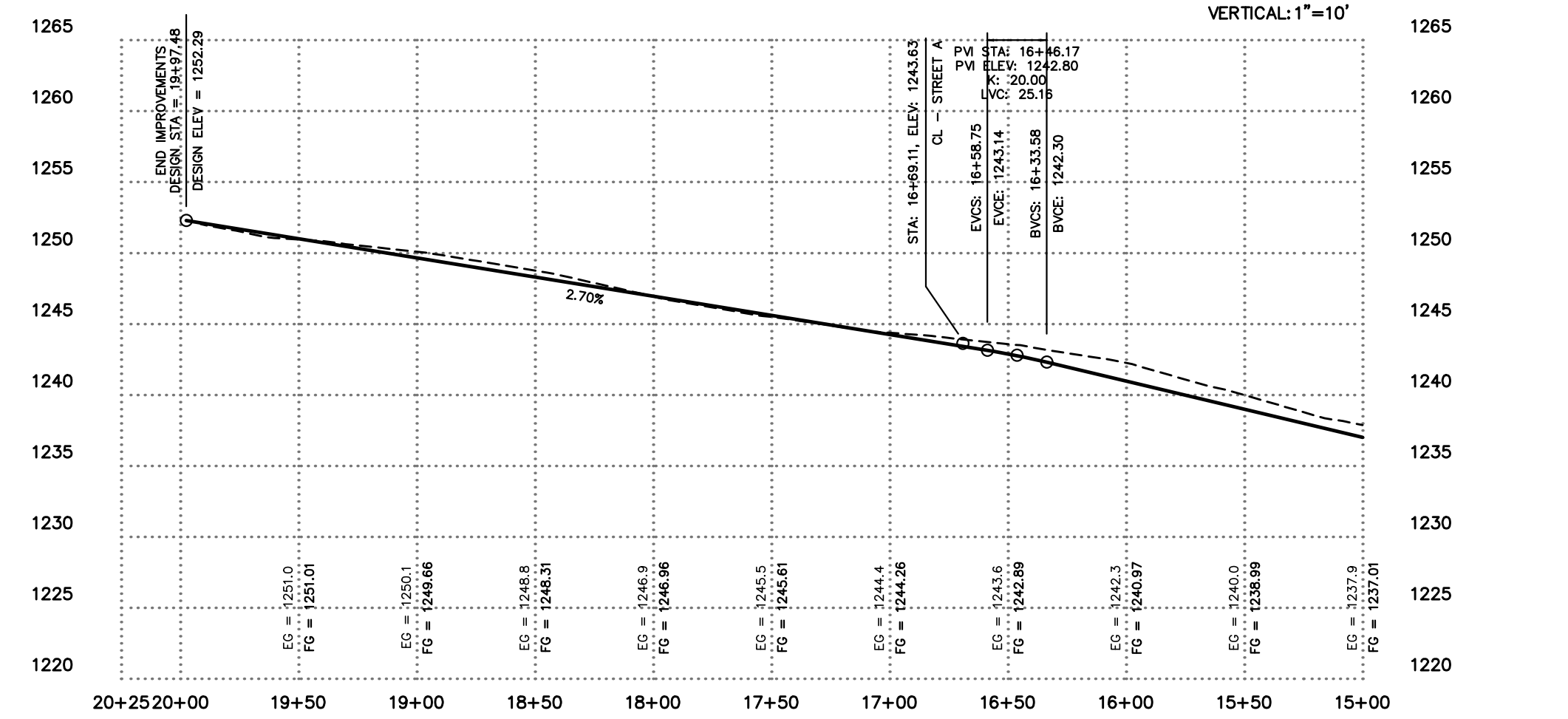
FAWN WAY STATION 0+00 - 15+00



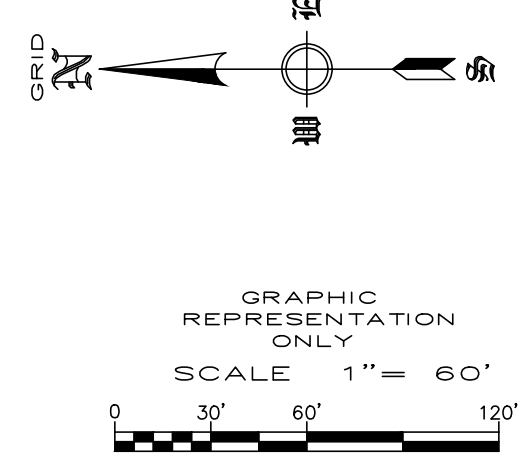
SCALE:
 HORIZONTAL: 1"=60'
 VERTICAL: 1"=10'



FAWN WAY STATION 15+00 - 20+25



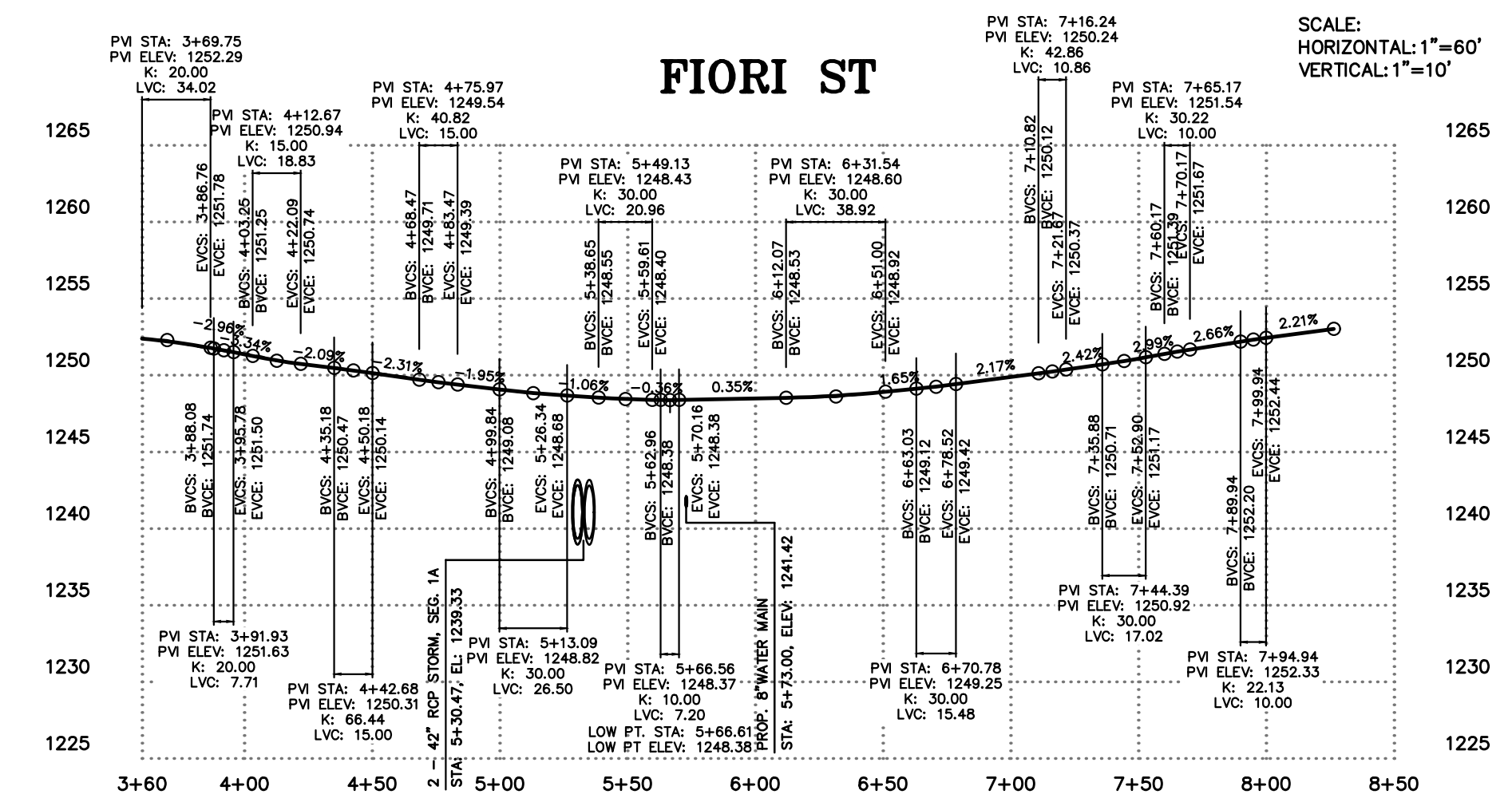
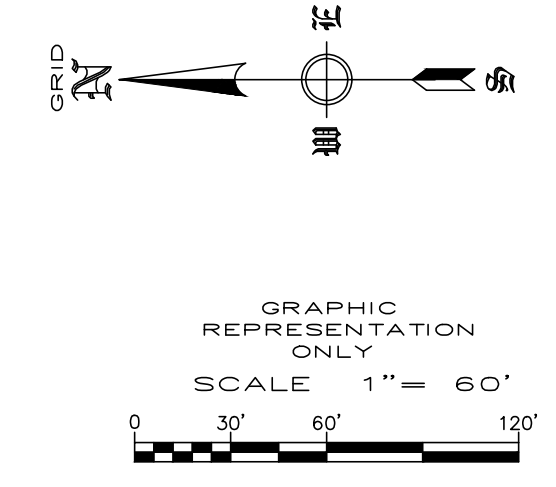
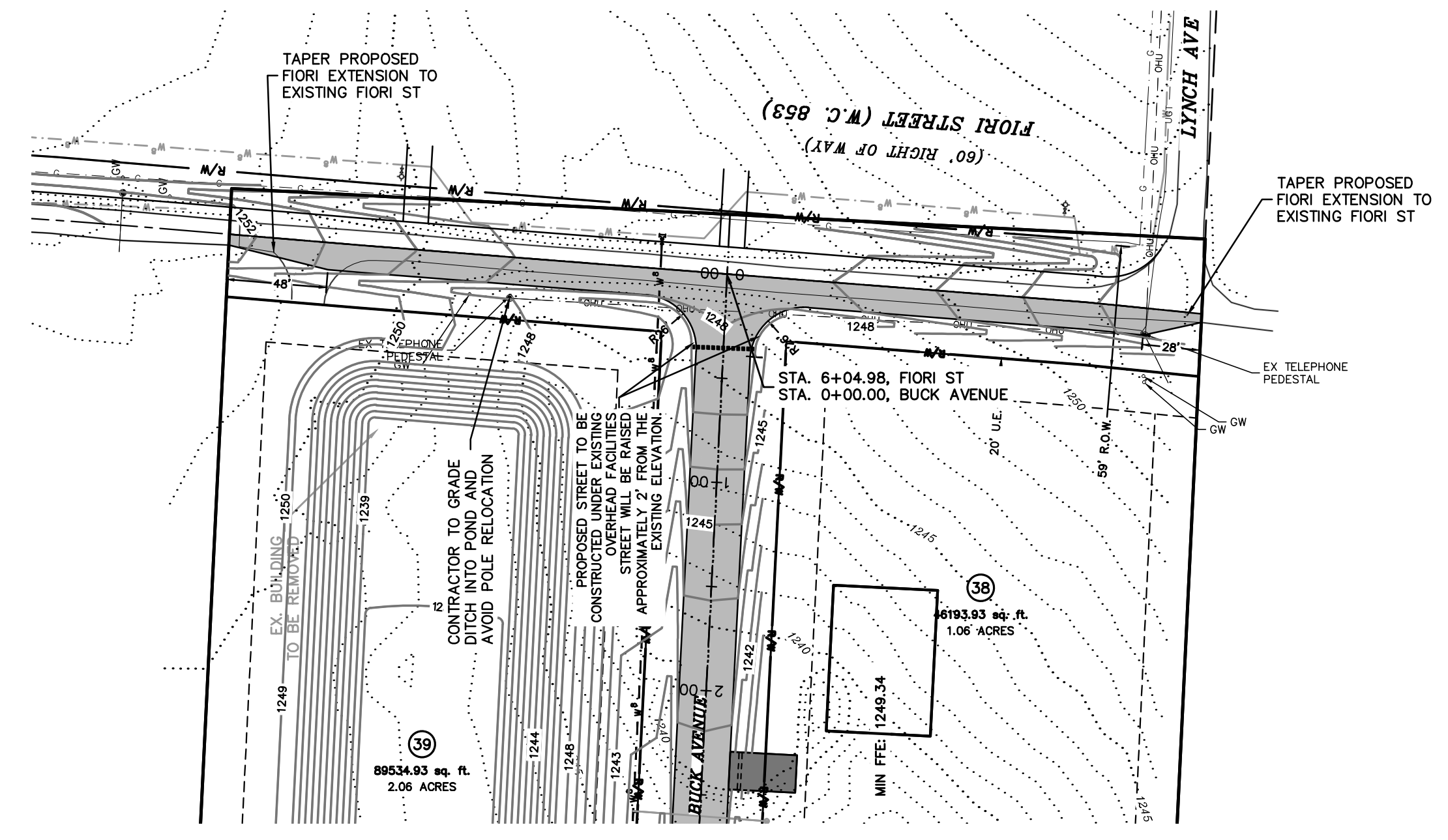
SCALE:
 HORIZONTAL: 1"=60'
 VERTICAL: 1"=10'



REVISION	DATE	DESCRIPTION

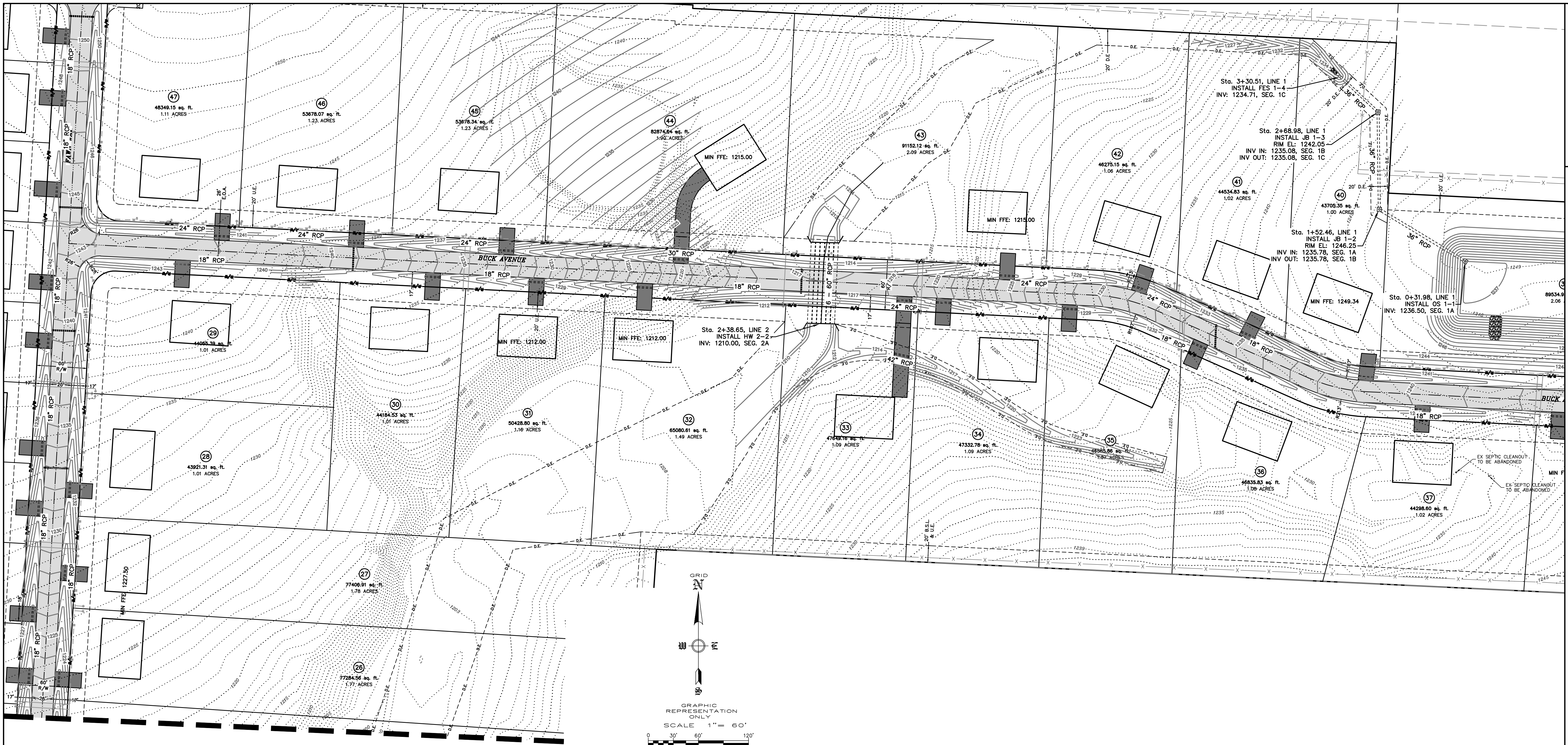
SCALE: 1"=60'
 DATE: Nov 1, 2022
 DRAWN BY: BAF
 W.O. # 22902

**STREET PLAN AND PROFILE
 DEER VALLEY SUBDIVISION
 TONTITOWN, ARKANSAS**

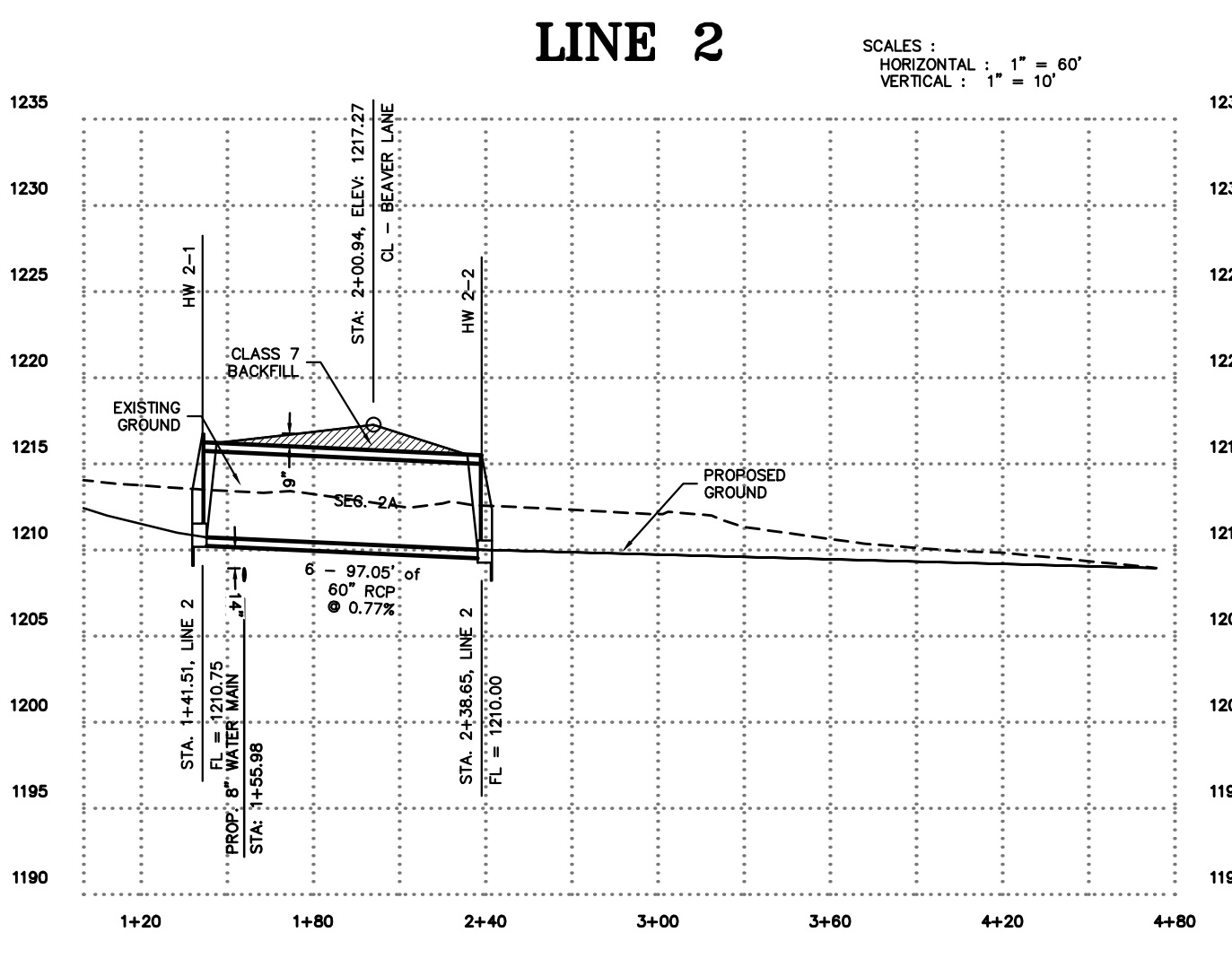
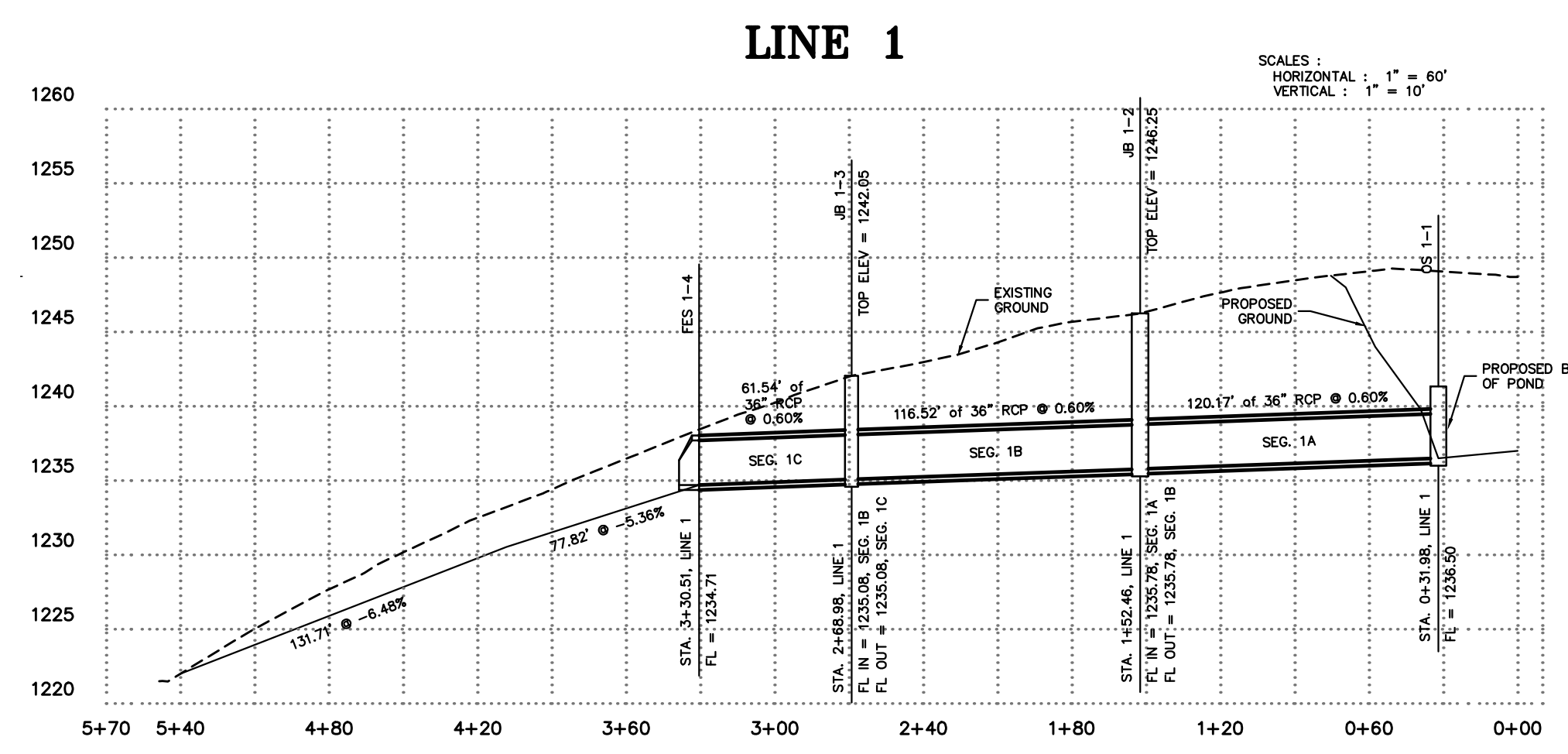


REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
 DATE: Nov 1, 2022
 DRAWN BY: TJC
 W.O. #: 22902



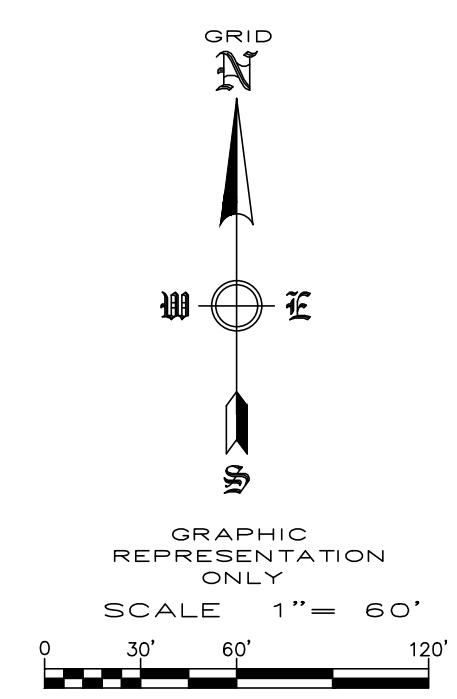
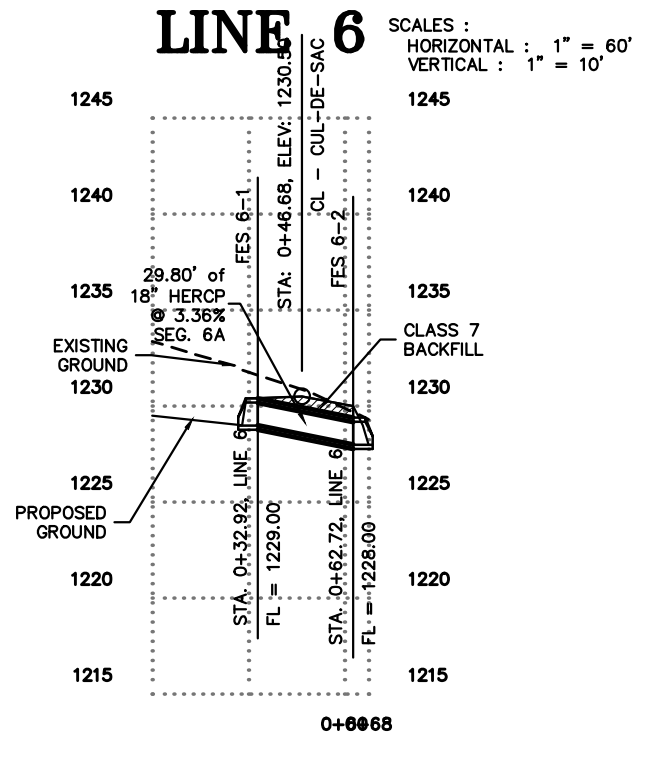
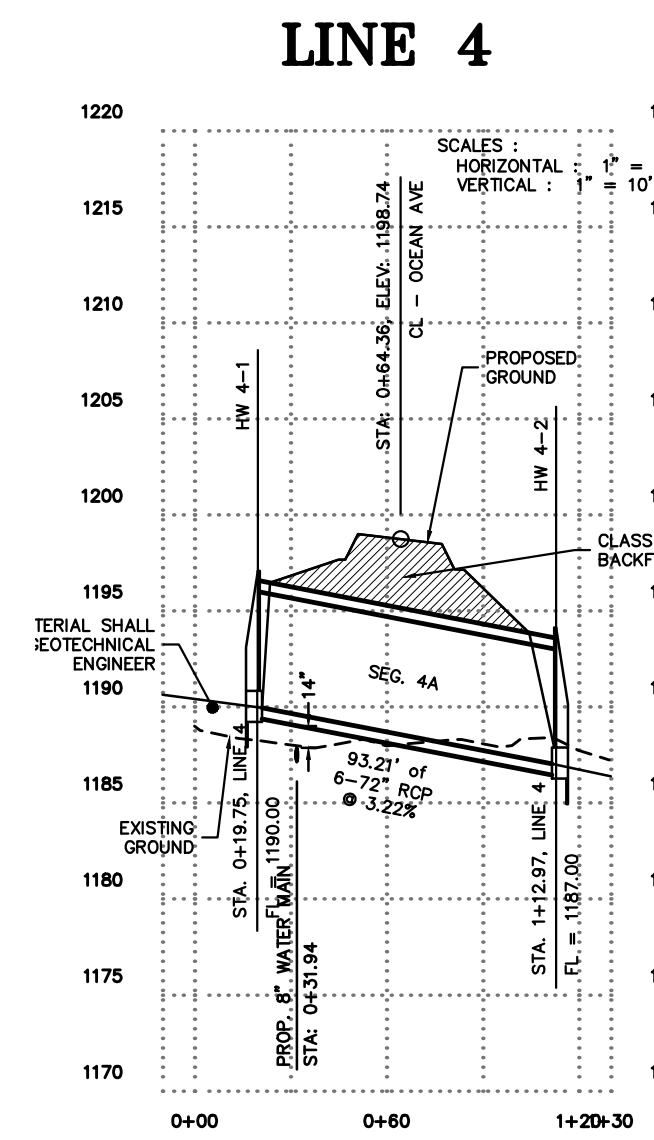
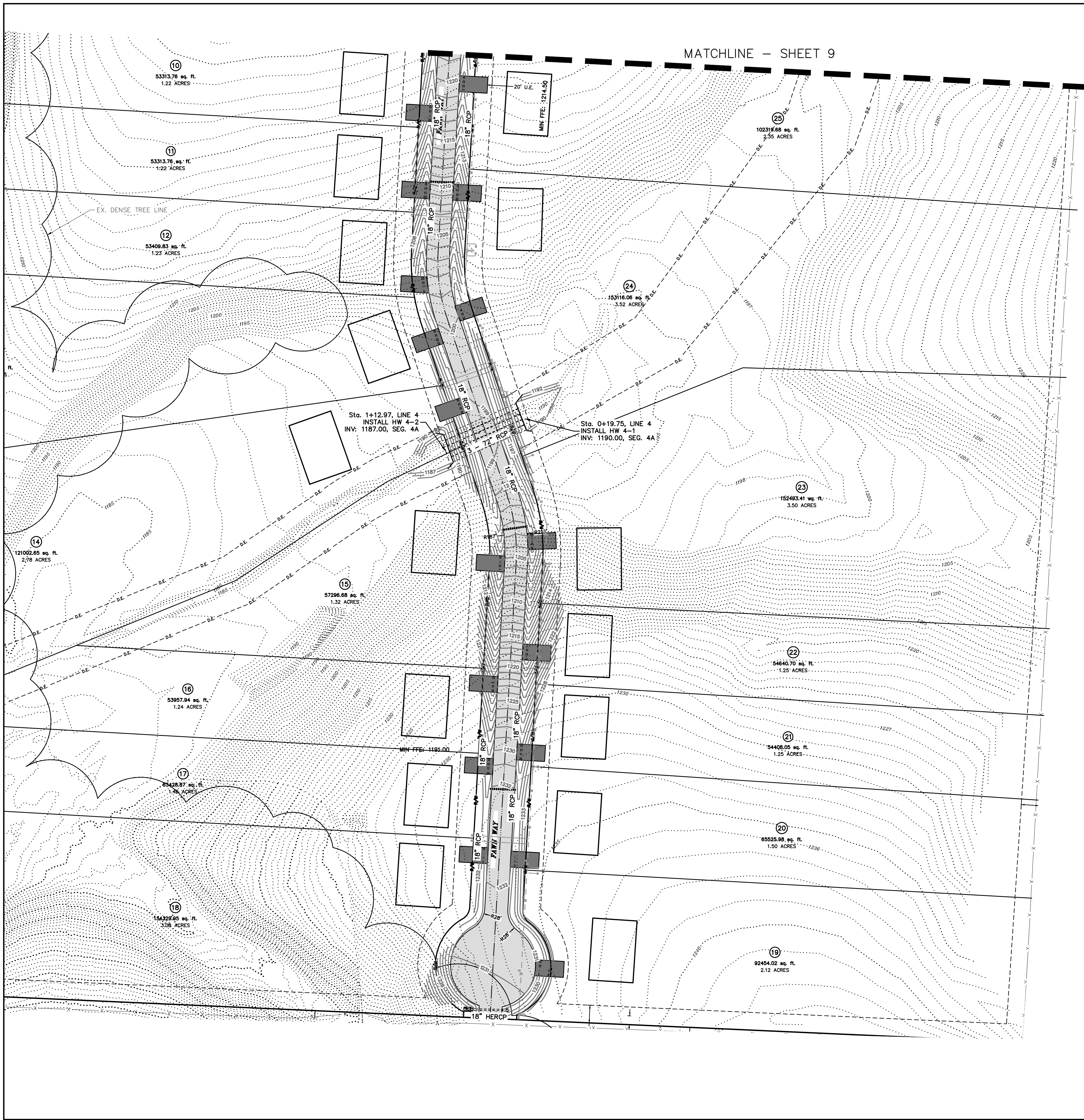
MATCHLINE - SHEET 10



REVISION	DATE	DESCRIPTION

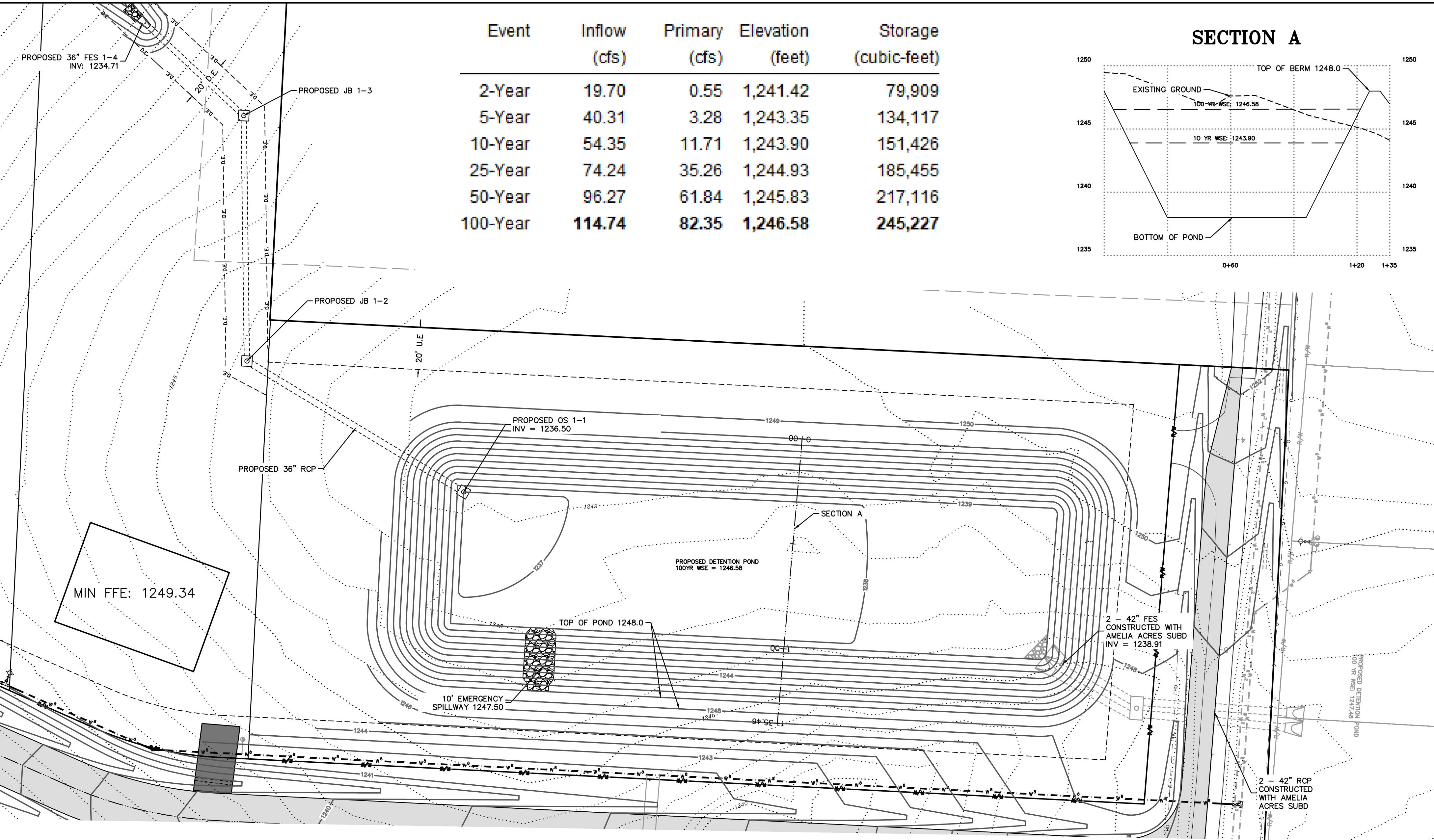
SCALE: 1" = 60'
 DATE: Nov 1, 2022
 ENGINEER: BMM
 DRAWN BY: JMR
 W.O. #: 22902

SHEET NAME
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS



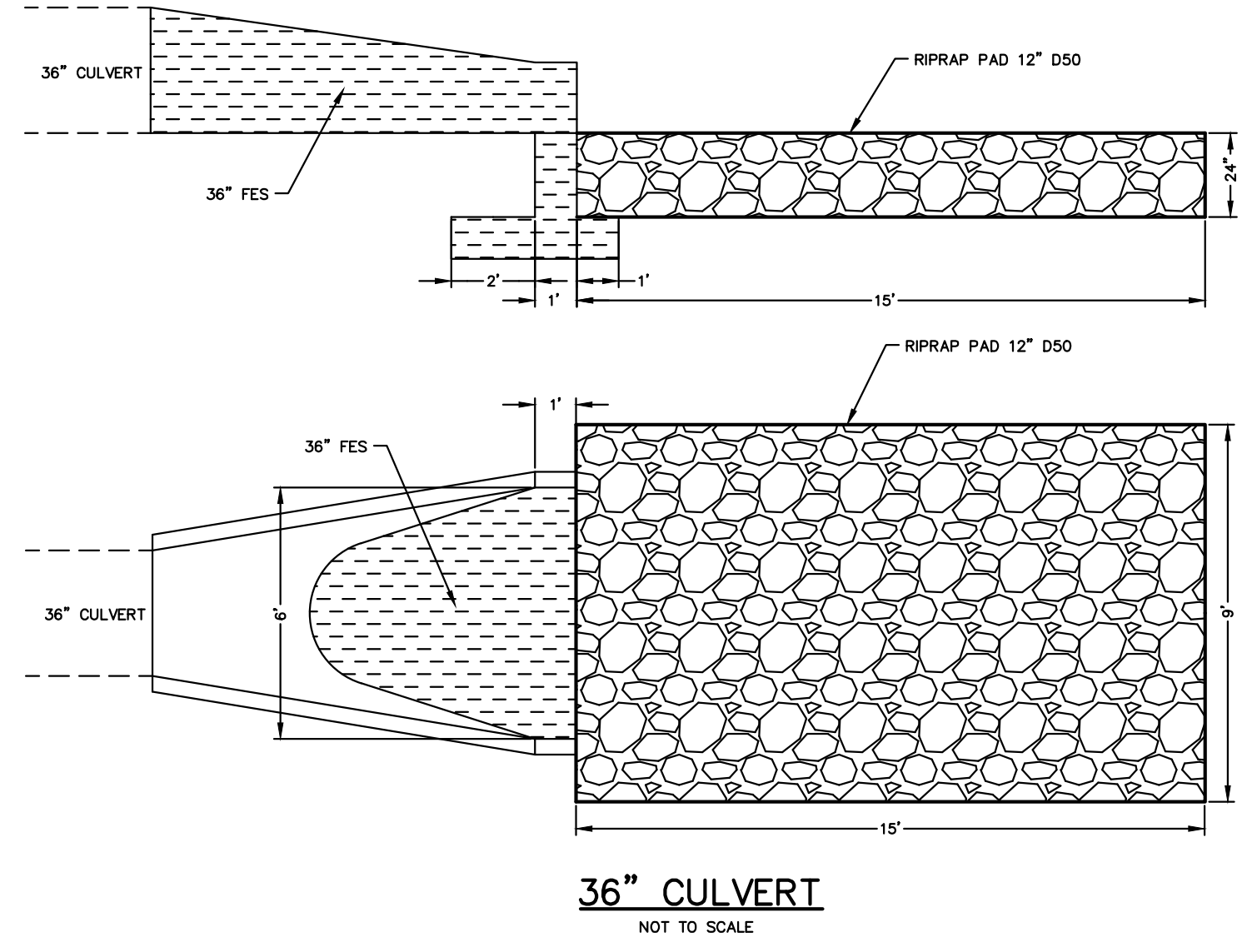
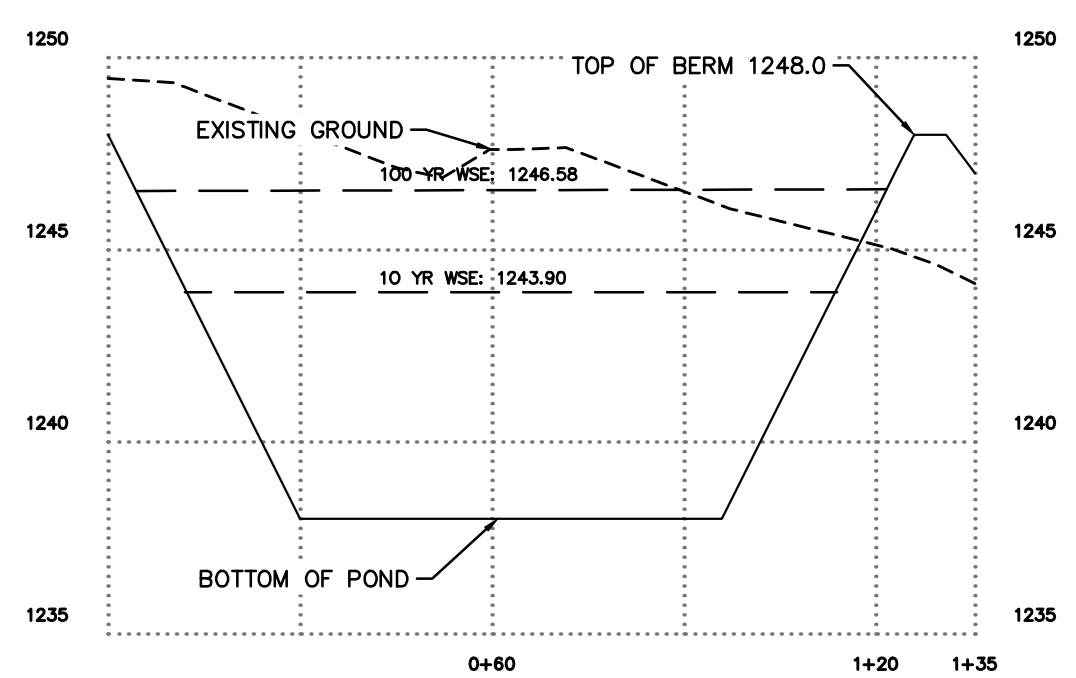
REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
DATE: Nov 1, 2022
ENGINEER: BAW
DRAWN BY: JMR
W.O. # 22902

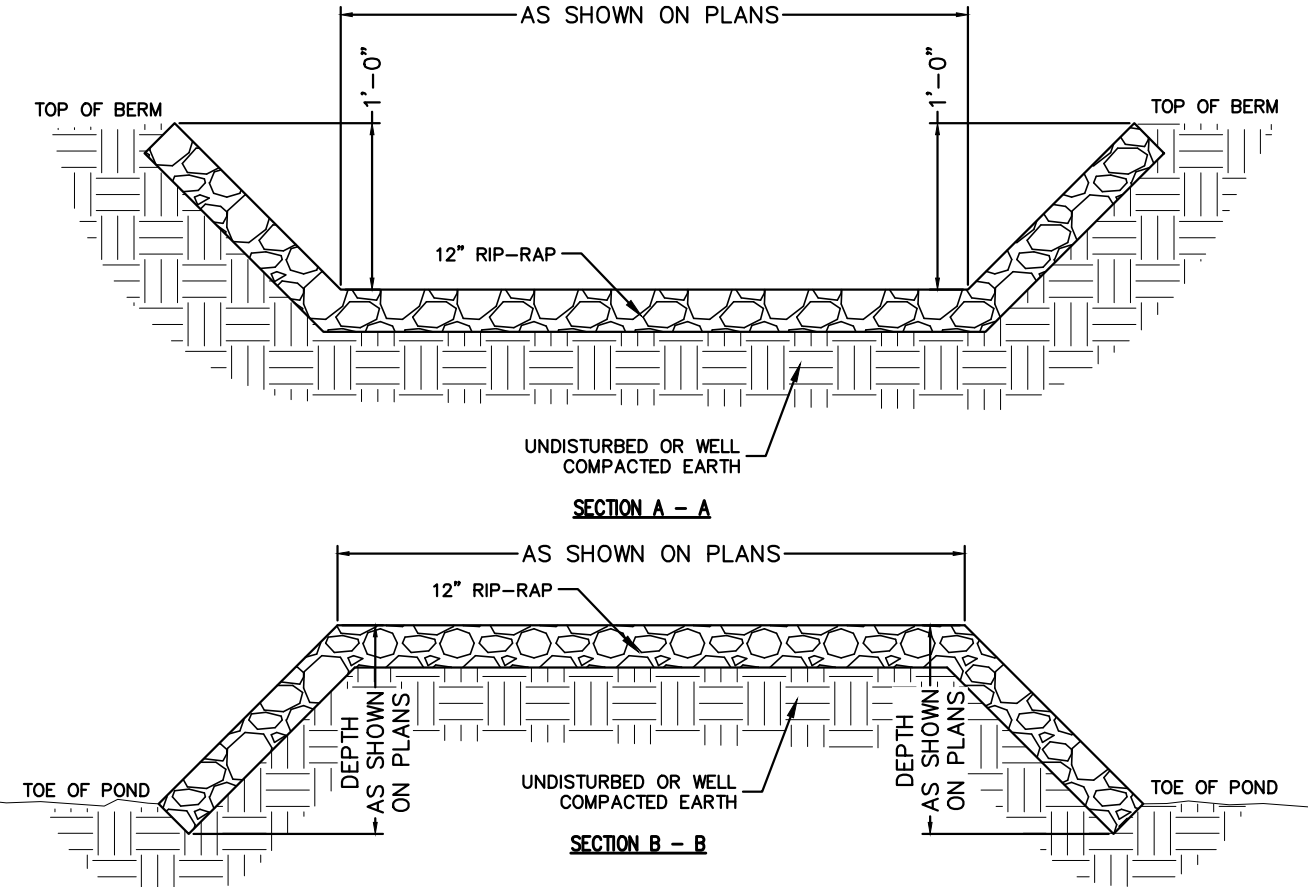
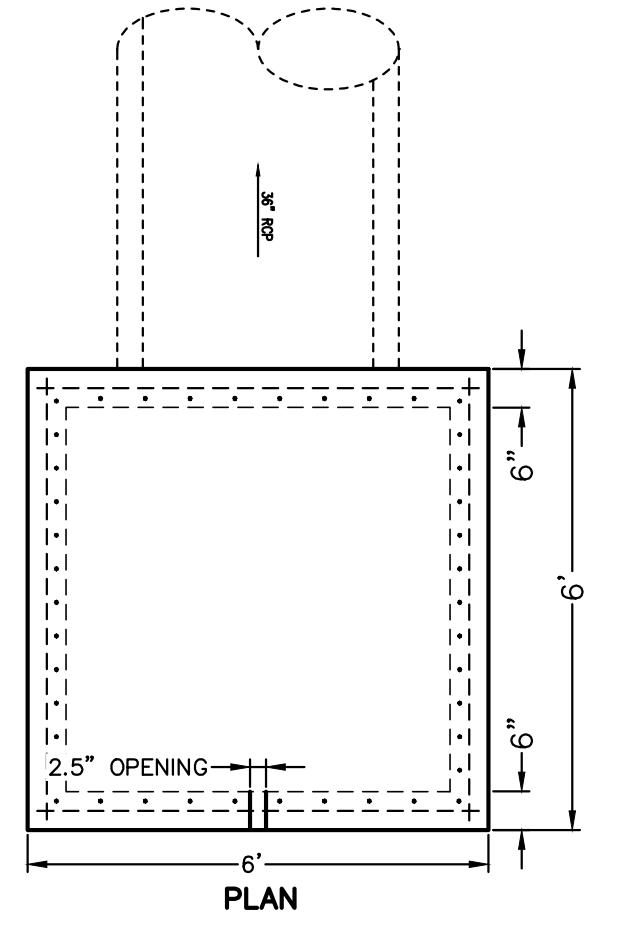
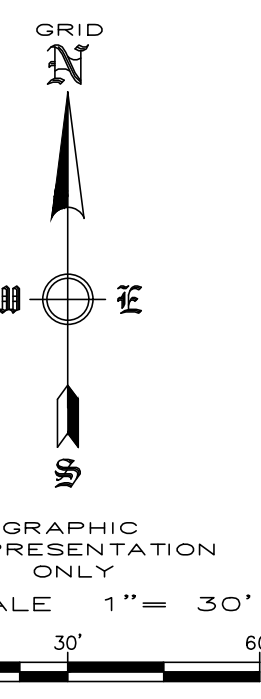


Event	Inflow (cfs)	Primary (cfs)	Elevation (feet)	Storage (cubic-feet)
2-Year	19.70	0.55	1,241.42	79,909
5-Year	40.31	3.28	1,243.35	134,117
10-Year	54.35	11.71	1,243.90	151,426
25-Year	74.24	35.26	1,244.93	185,455
50-Year	96.27	61.84	1,245.83	217,116
100-Year	114.74	82.35	1,246.58	245,227

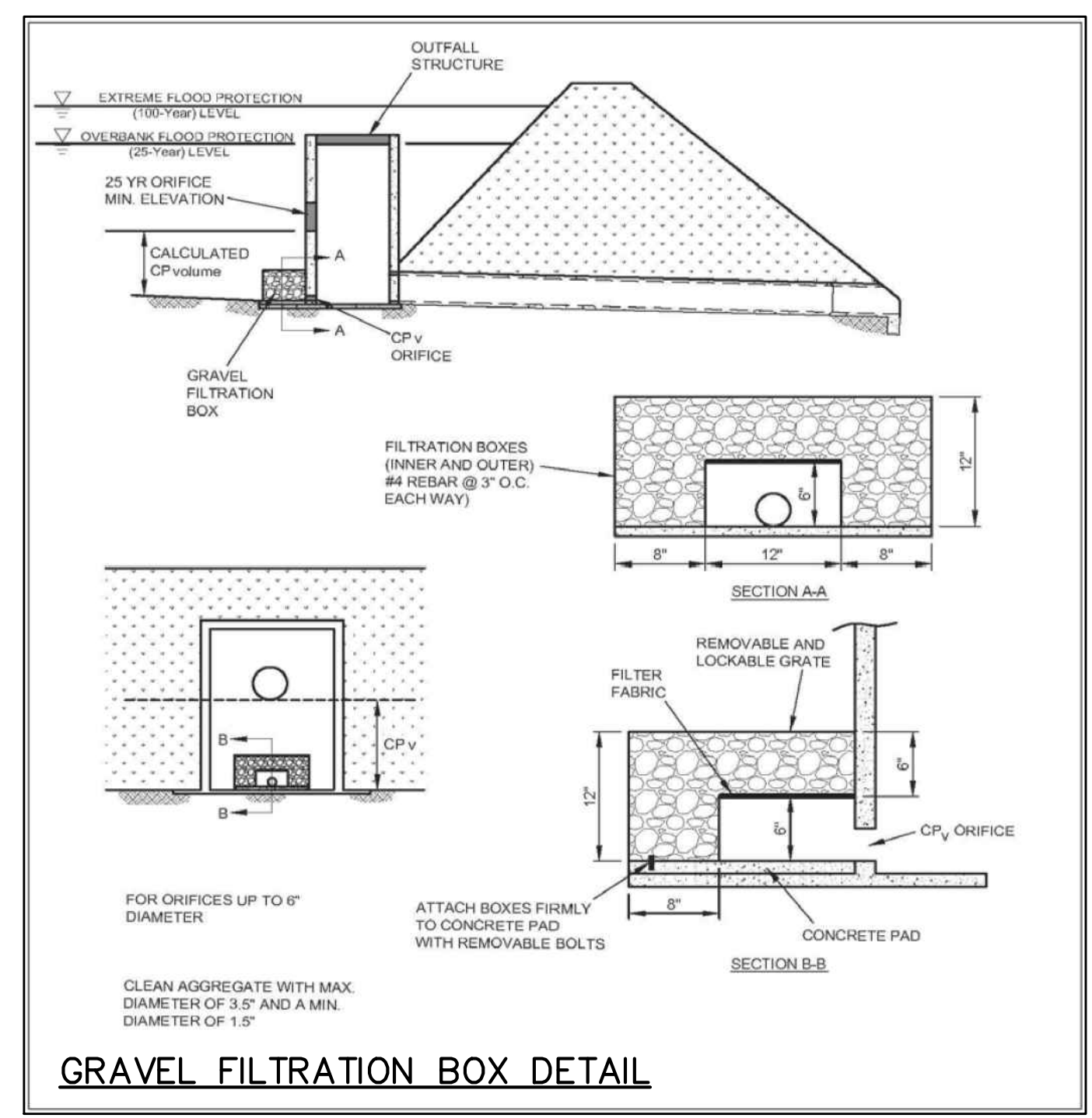
SECTION A



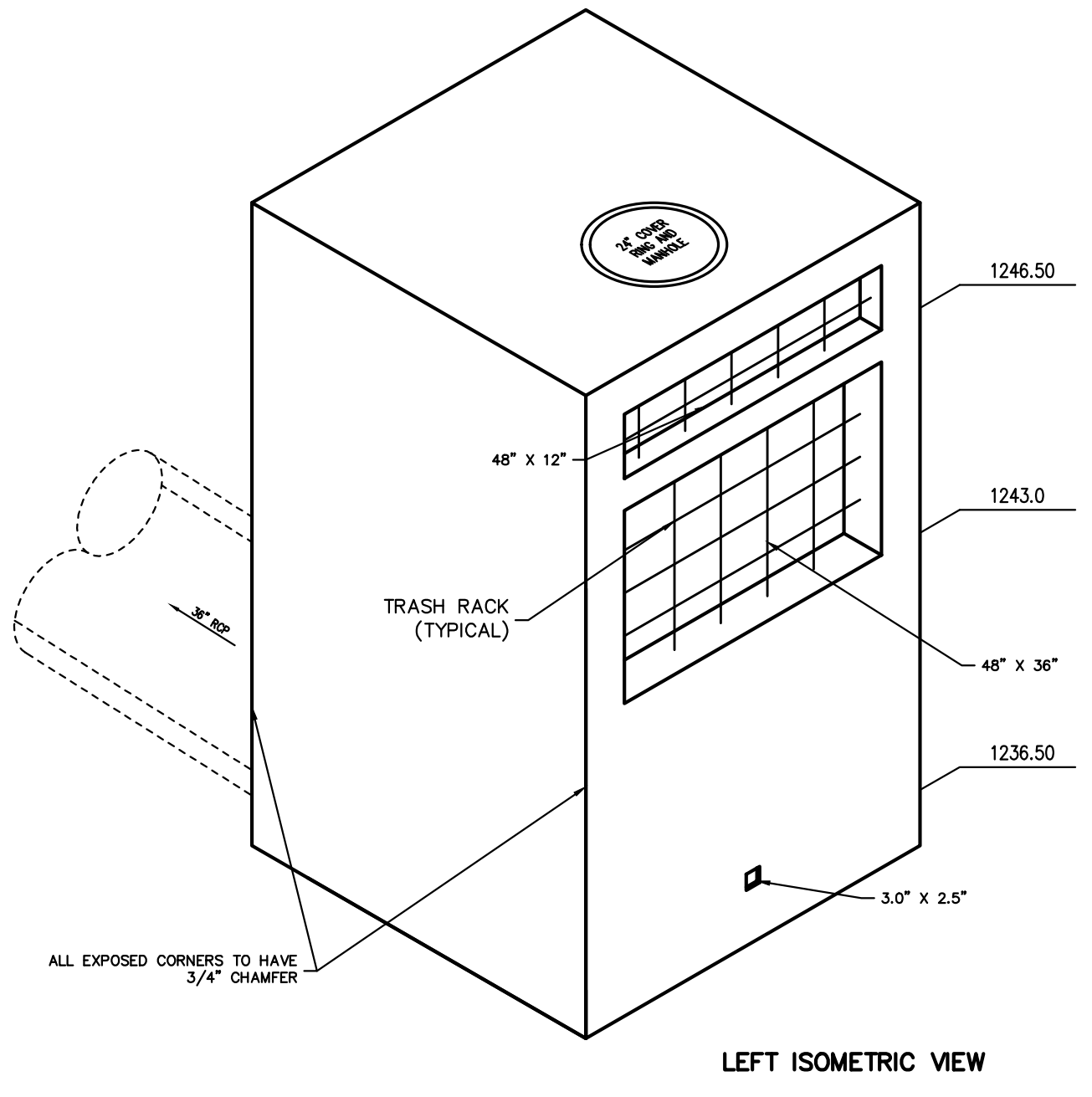
36" CULVERT
NOT TO SCALE



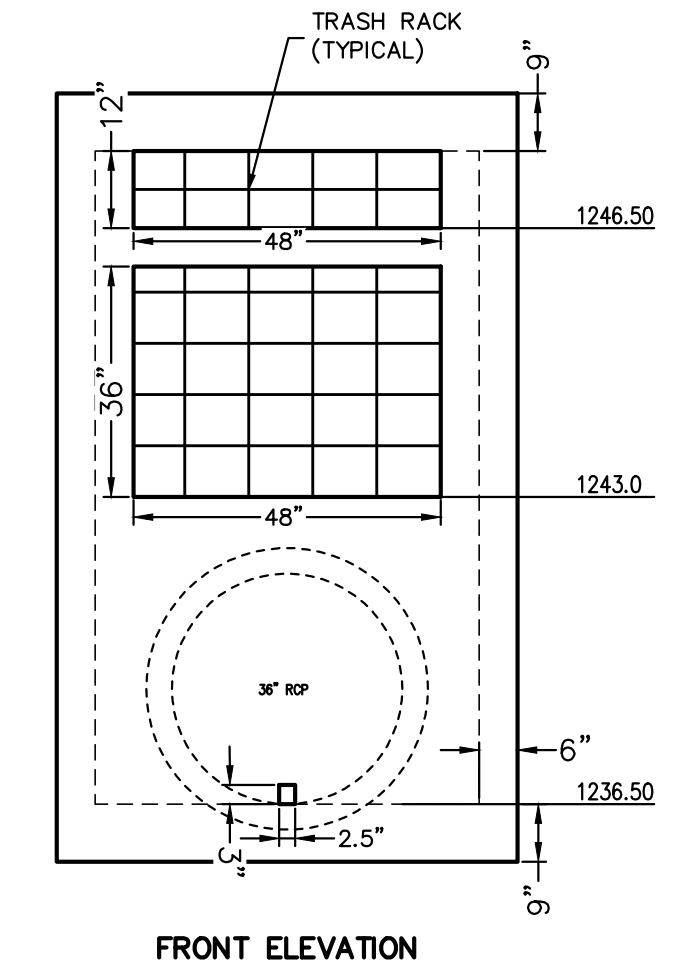
TYPICAL SPILLWAY DETAIL
NOT TO SCALE



GRAVEL FILTRATION BOX DETAIL



LEFT ISOMETRIC VIEW



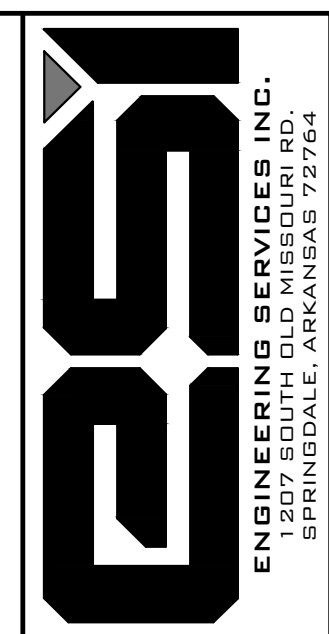
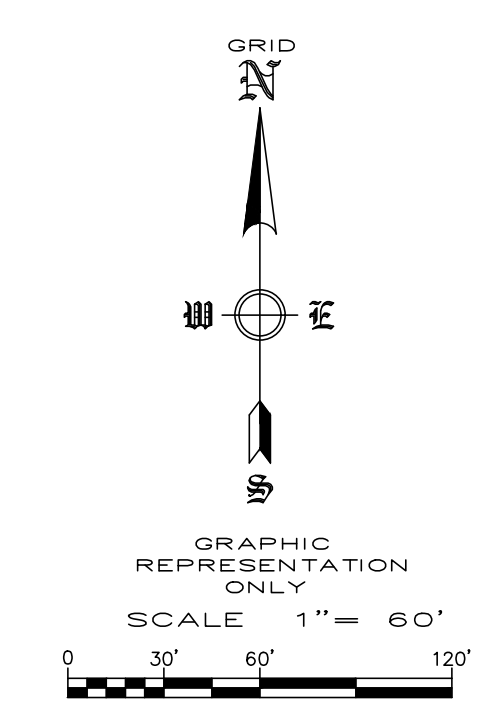
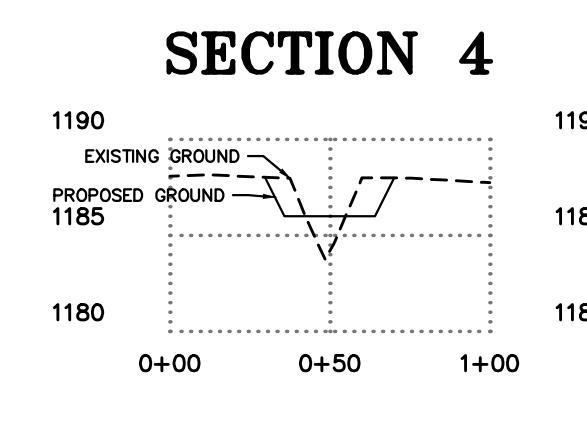
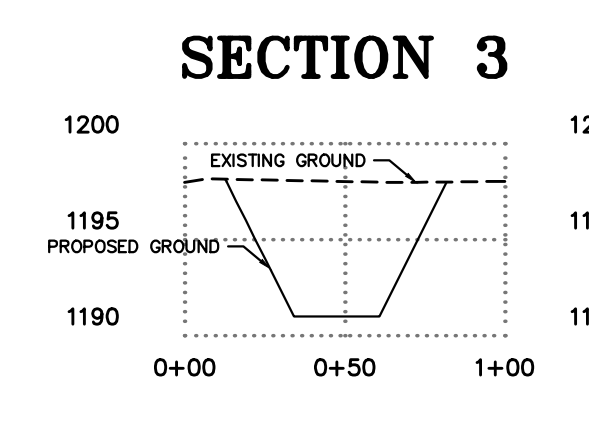
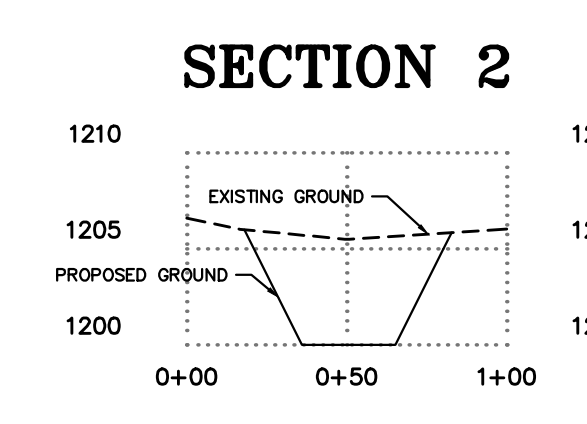
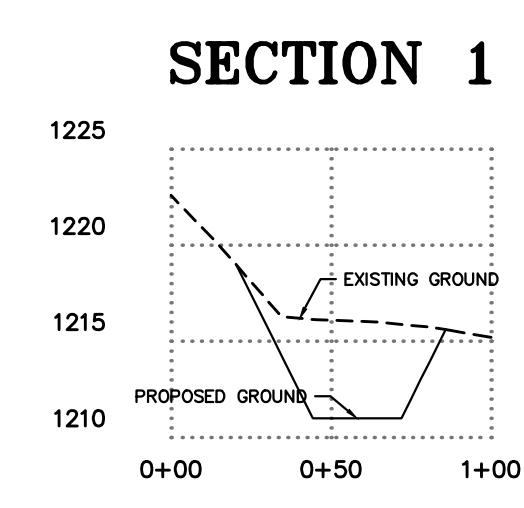
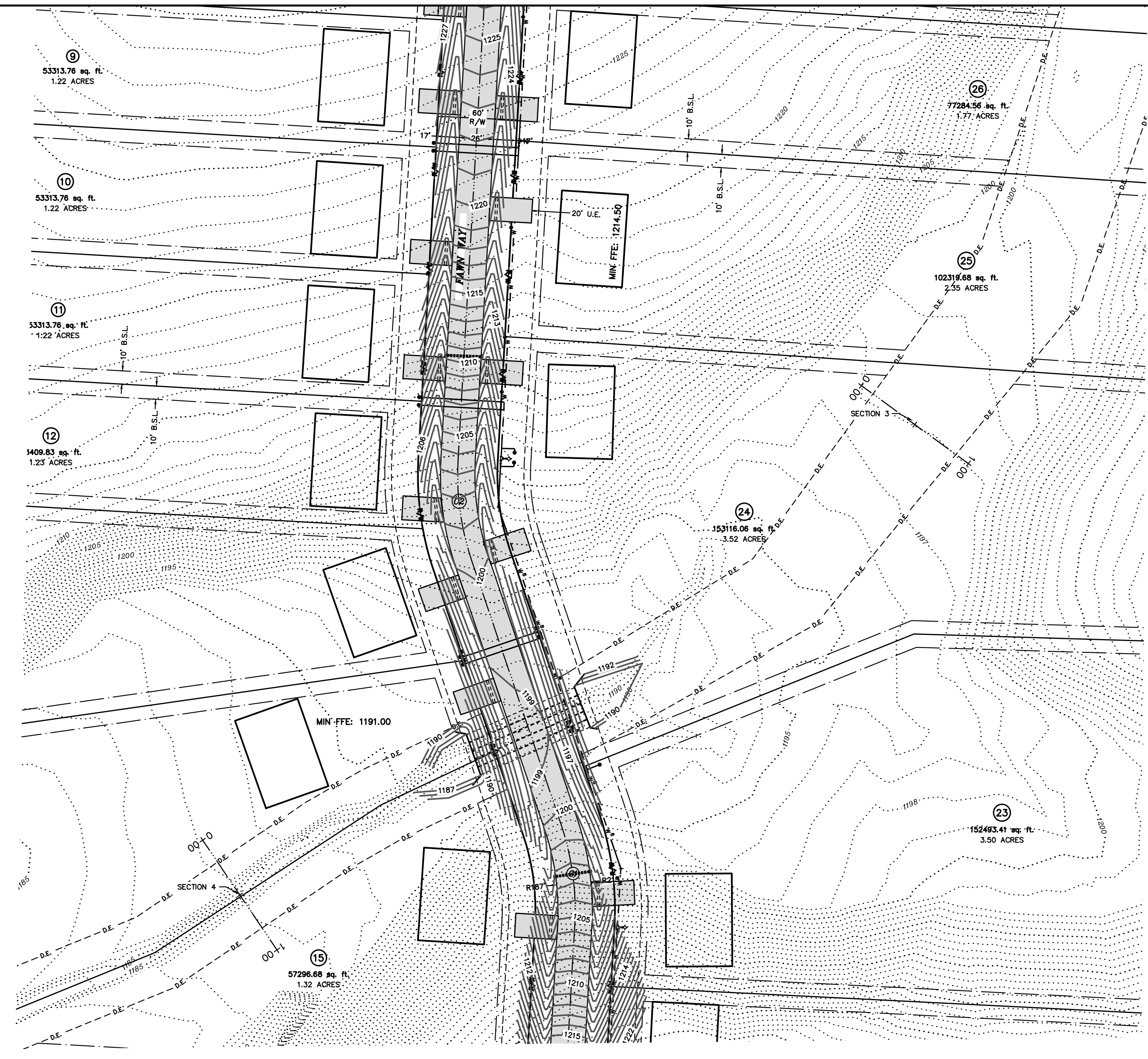
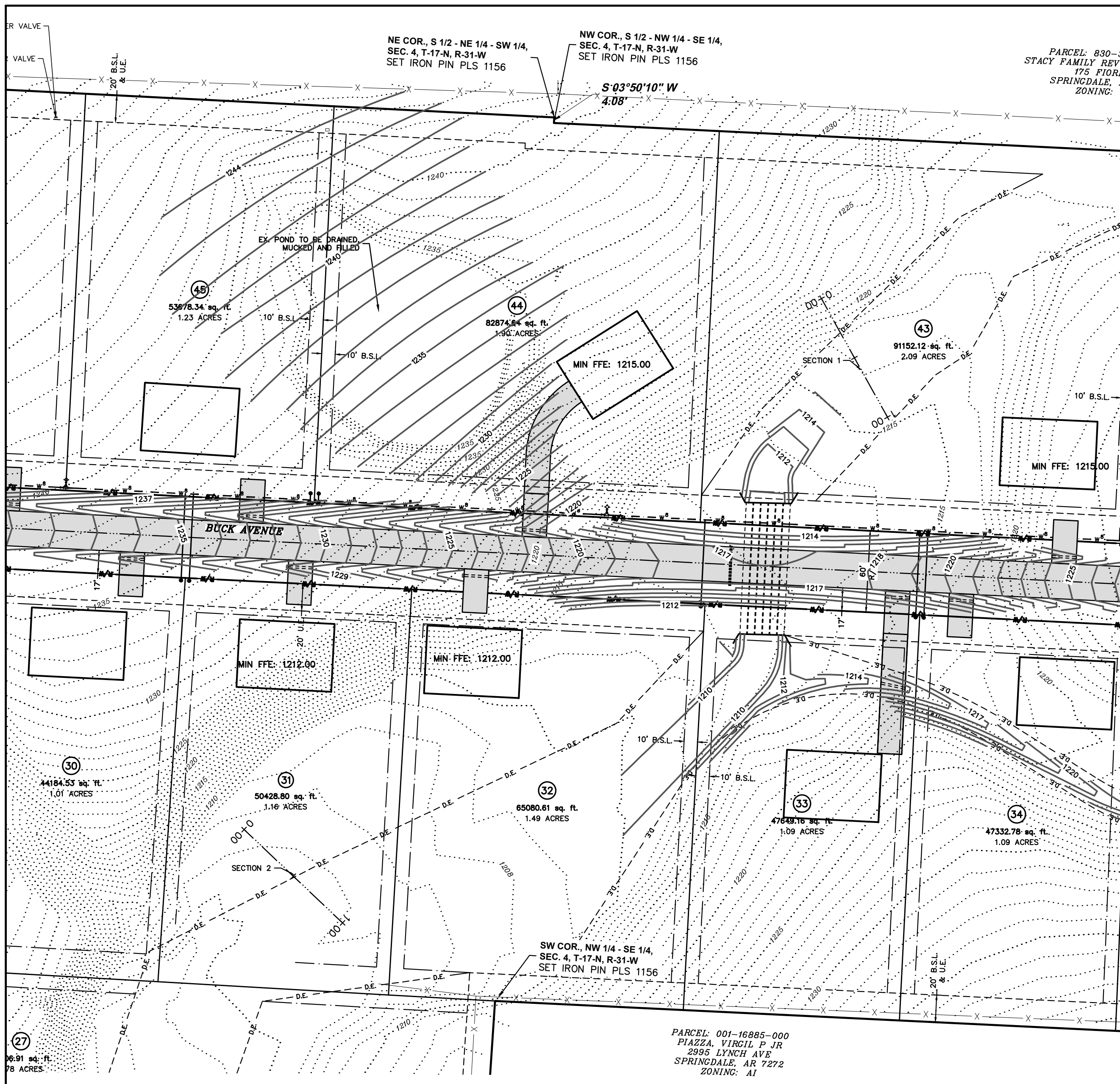
FRONT ELEVATION



POND PLAN
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS

REVISION	DATE	DESCRIPTION

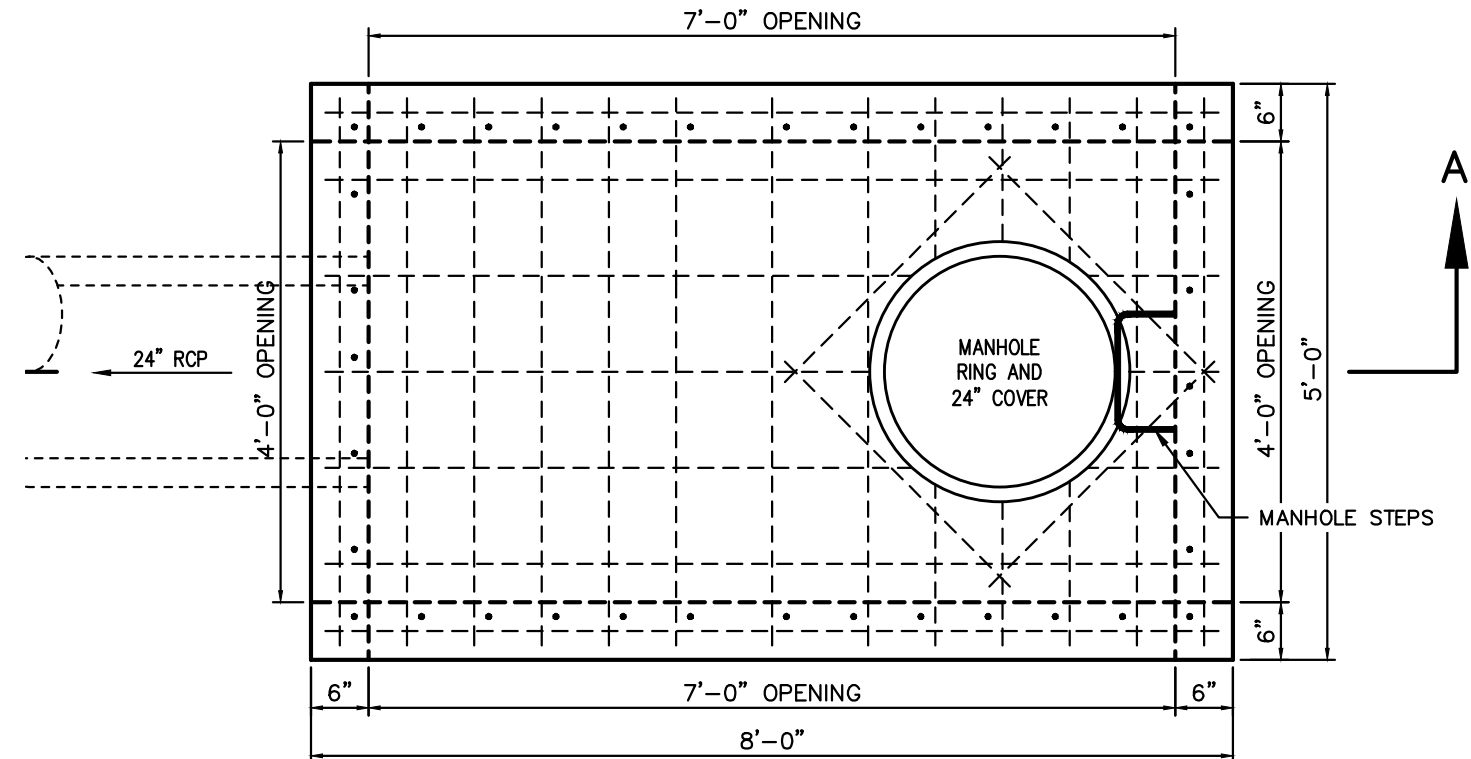
SCALE: 1"=30'
DATE: Oct 31, 2022
ENGINEER: BAK
DRAWN BY: BAK
W.O. #: 22902



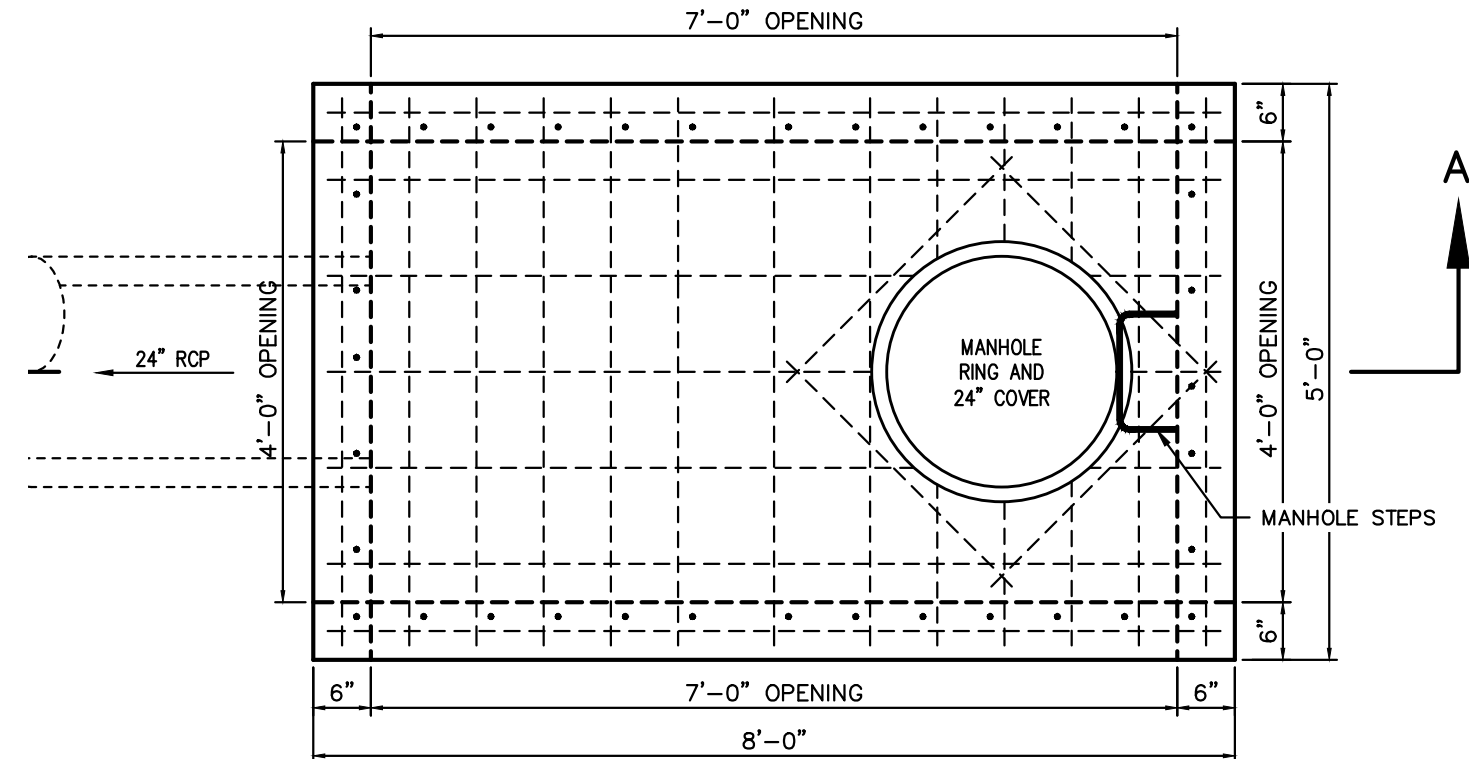
DITCH SECTIONS
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS

REVISION	DATE	DESCRIPTION

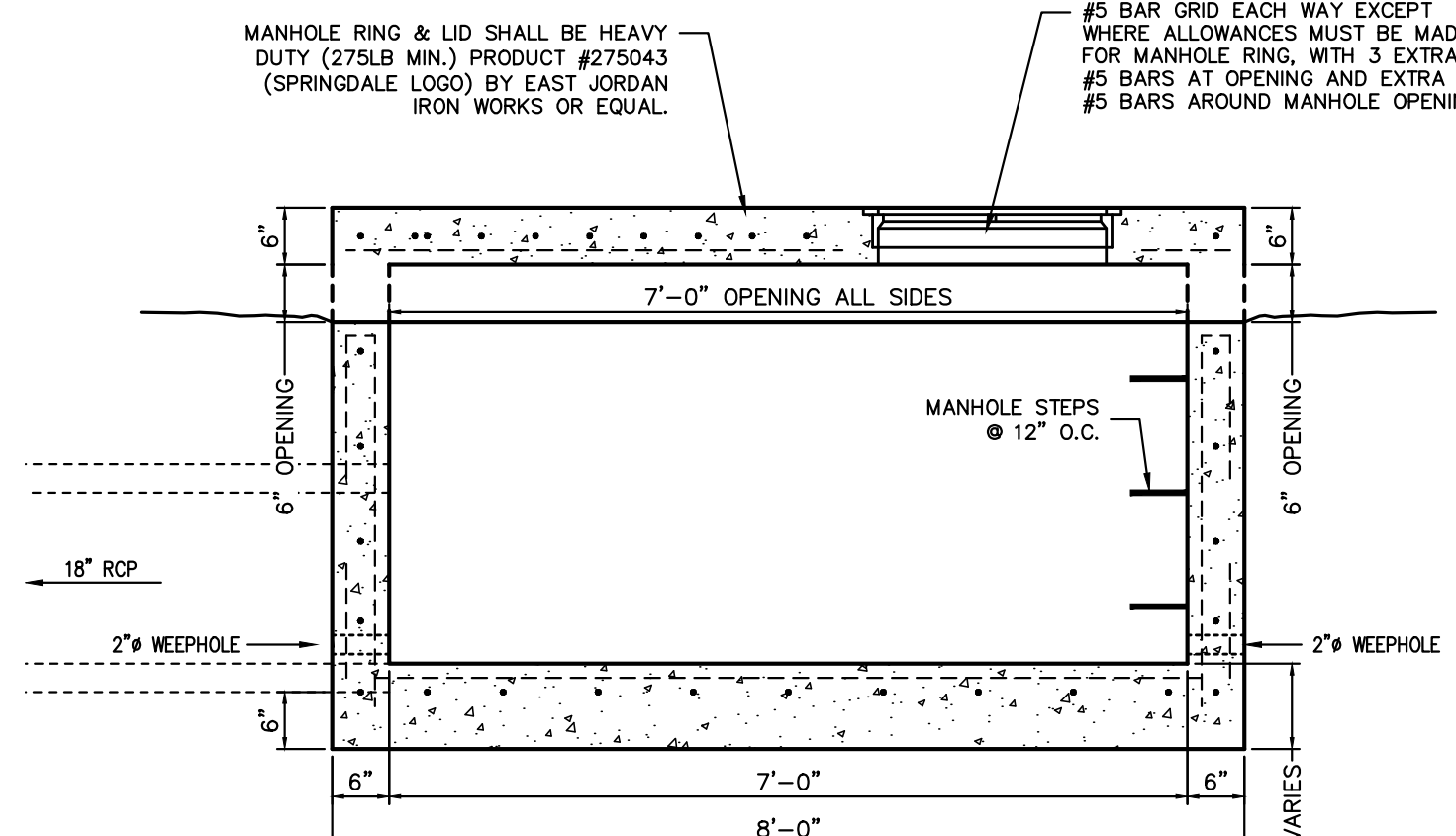
SCALE: 1"=60'
DATE: Oct 31, 2022
ENGINEER: BAP
DRAWN BY: BAP
W.O. # 22902



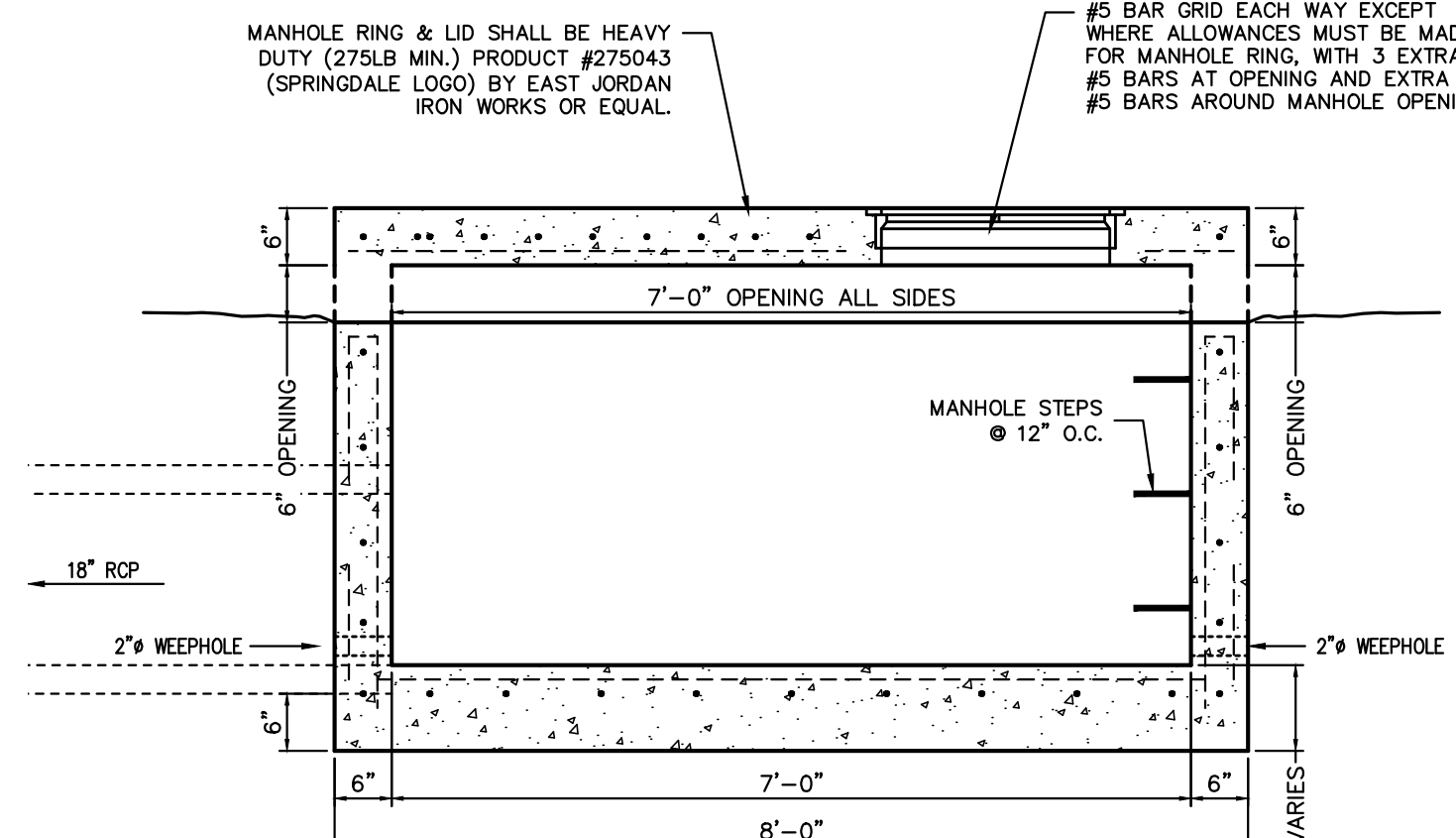
PLAN



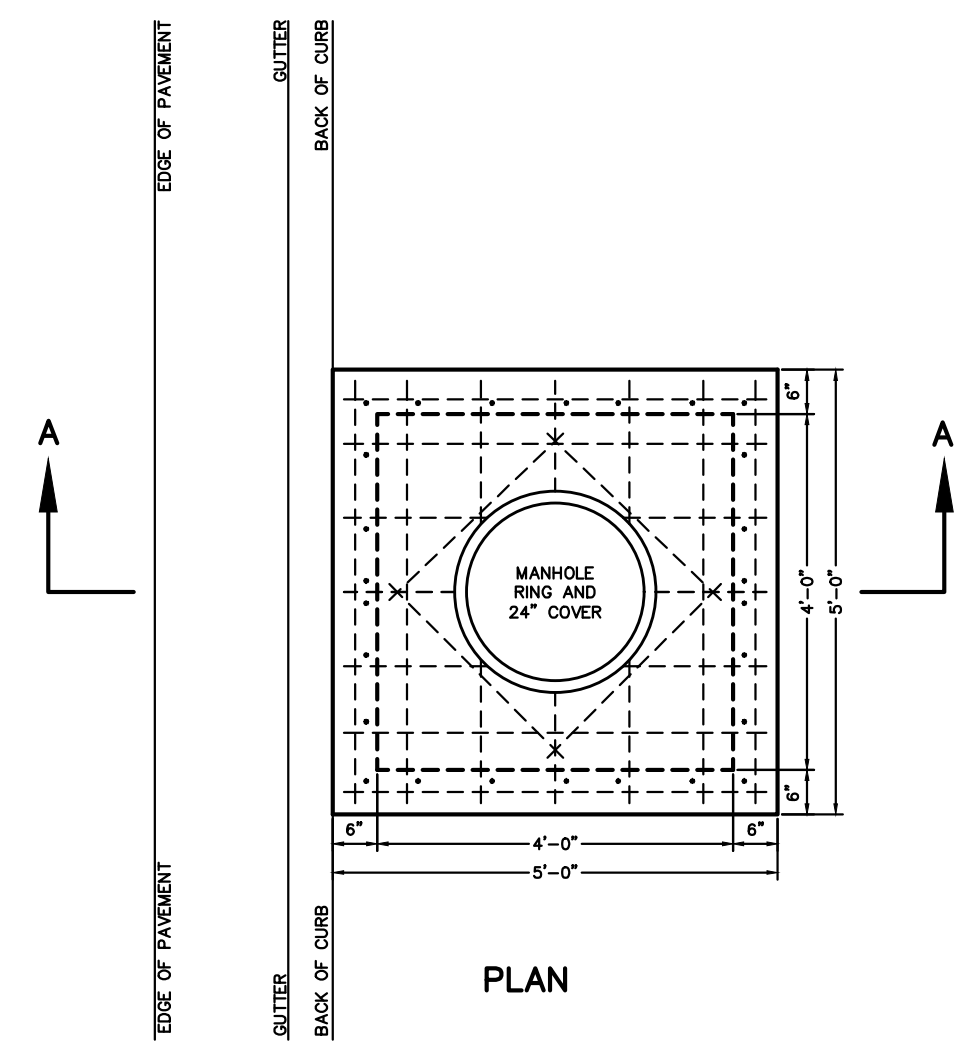
PLAN



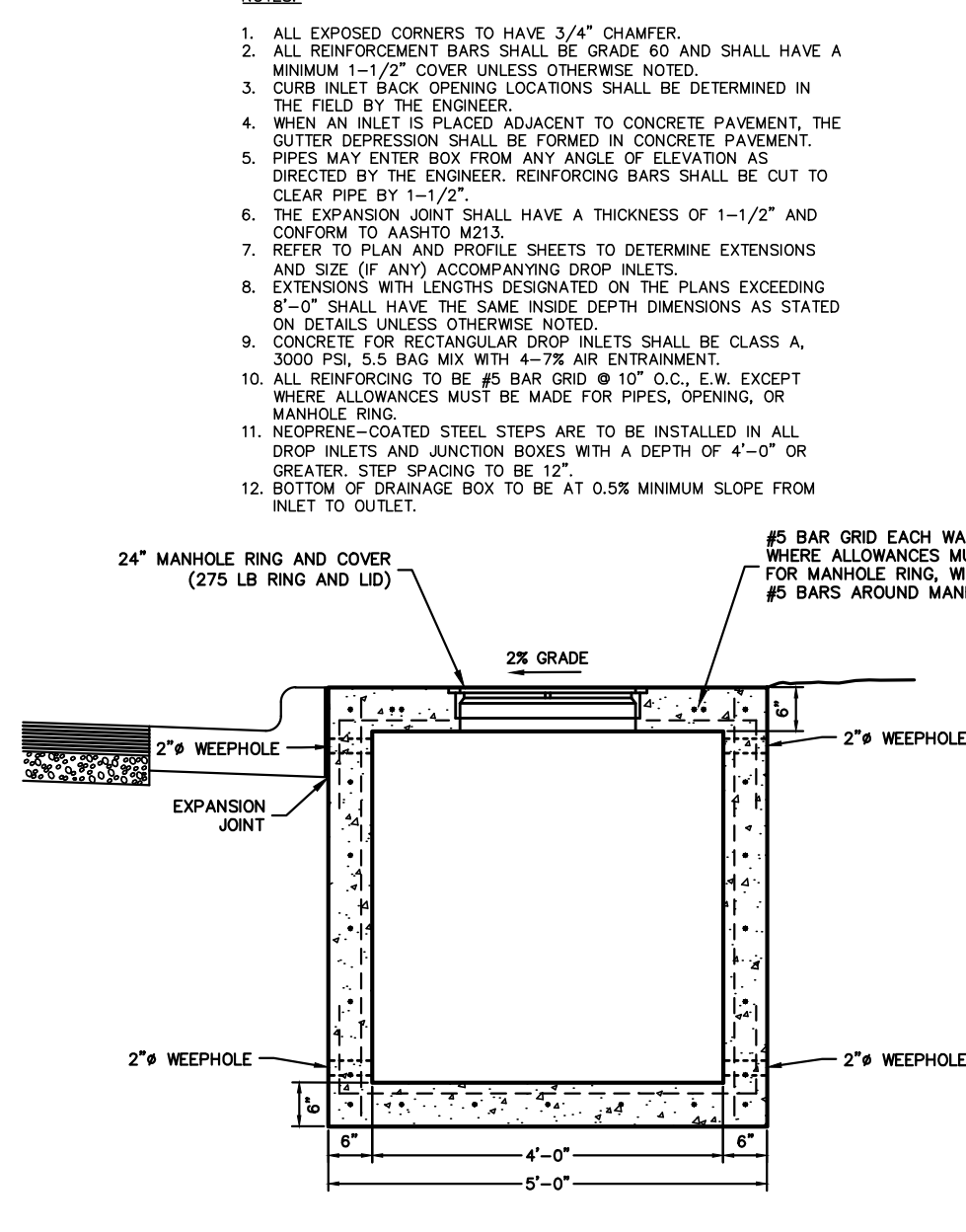
SECTION A-A



SECTION A-A



PLAN



SECTION A-A
TYPICAL JUNCTION BOX
NOT TO SCALE

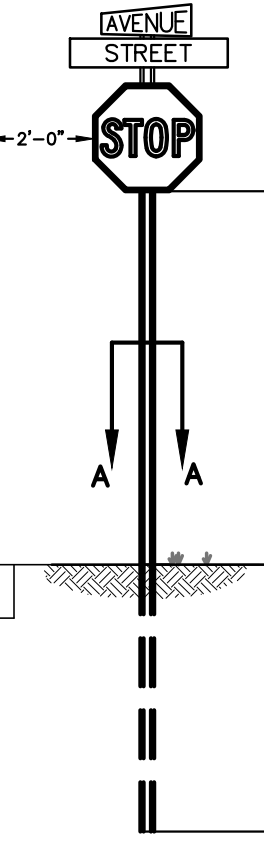


R2-1
SPEED LIMIT (REGULATORY)

*Typically space numerals about centerline

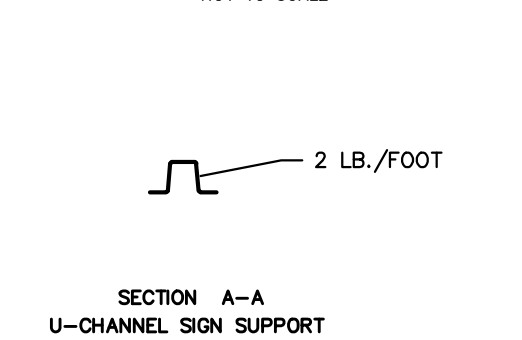
A	B	C	D	E	F	G	H	J	K	L	
18	24	37.5	62.5	3	3	E	2	8	7.88	0.5	1.5
24	30	37.5	62.5	4	4	E	2	10	9.863	7.513	1.5
30	48	62.5	87.5	6	6	E	2	14.6	14.376	11	2.25
48	60	75	125	8	8	E	2	19.25	19.225	14.625	3

COLORS: LEGEND - BLACK BACKGROUND - WHITE (RETROREFLECTIVE) 1-10

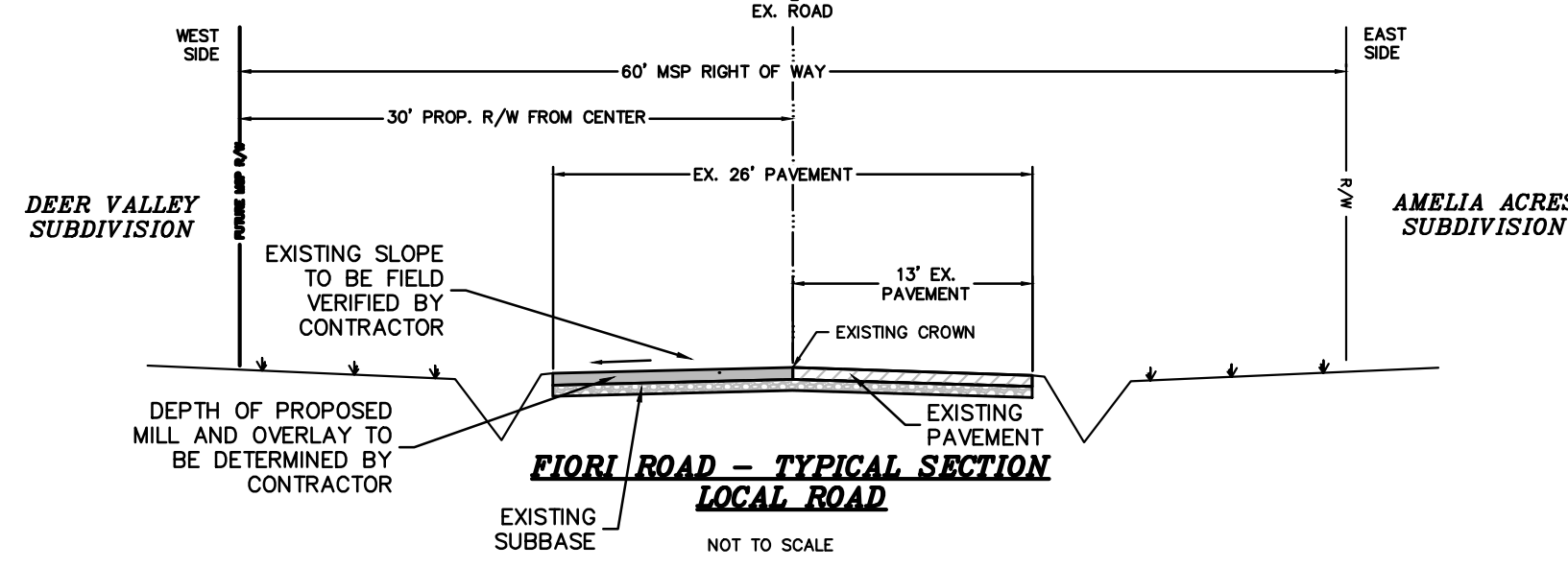


STOP SIGN
DETAIL
NOT TO SCALE

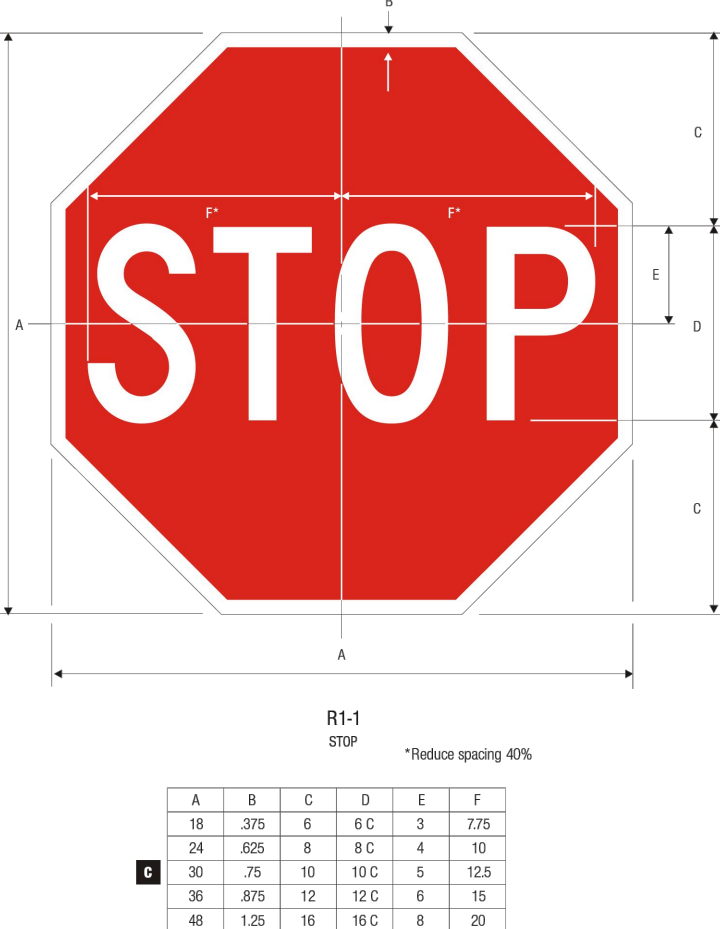
TYPICAL SECTION
6-4" UTILITY DUCTS
NOT TO SCALE



SECTION A-A
U-CHANNEL SIGN SUPPORT
NOTE: SIGN SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND AHTD AND WASHINGTON COUNTY STANDARDS



FIORI ROAD - TYPICAL SECTION
LOCAL ROAD
NOT TO SCALE



R1-1
STOP

*Reduce spacing 40%

A	B	C	D	E	F
18	24	37.5	62.5	3	3
24	30	37.5	62.5	4	4
30	48	62.5	87.5	6	6
48	60	75	125	8	8

COLORS: LEGEND - WHITE (RETROREFLECTIVE) BACKGROUND - RED (RETROREFLECTIVE) 1-1

- NOTES:
- DRIVEWAY TO BE CONSTRUCTED TO THE RADIUS TANGENT POINTS AND ALSO TO STREET R/W AS DIRECTED, IF NEEDED.
 - 1/2" PREFORMED EXPANSION MATERIAL CONFORMING TO AASHTO M213, ASTM-1752, TYPE 1 OR REDWOOD SHALL BE PLACED AS SHOWN, OR AS DIRECTED BY THE ENGINEER.
 - CONCRETE CURB TO BE SAW-CUT AT 15' INTERVALS PERPENDICULAR TO THE GUTTER LINE AND SEALED SEE DETAIL.
 - HANDICAP RAMP COMPLYING WITH A.D.A. REQUIREMENTS TO BE CONSTRUCTED AT ALL COMMERCIAL DRIVEWAYS.
 - CONTRACTION JOINTS TO BE PLACED IN CONCRETE DRIVEWAY SO THAT NO SLAB DIMENSION IS MORE THAN 15'.
 - DRIVEWAY SECTION TO BE 3" ASPHALT WITH 6" AGGREGATE BASE COURSE UNLESS OTHERWISE SPECIFIED.

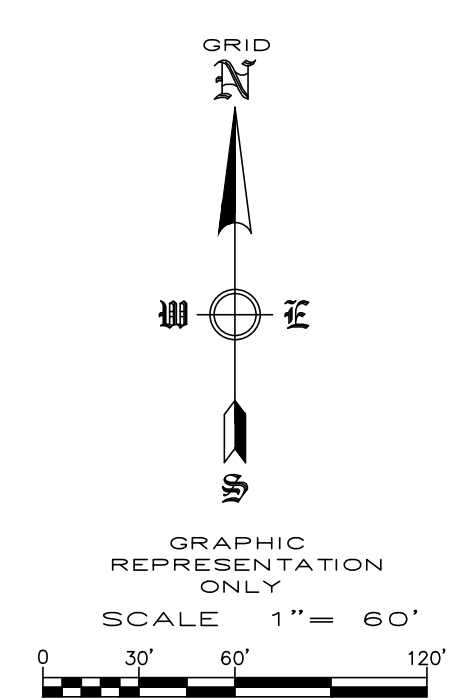
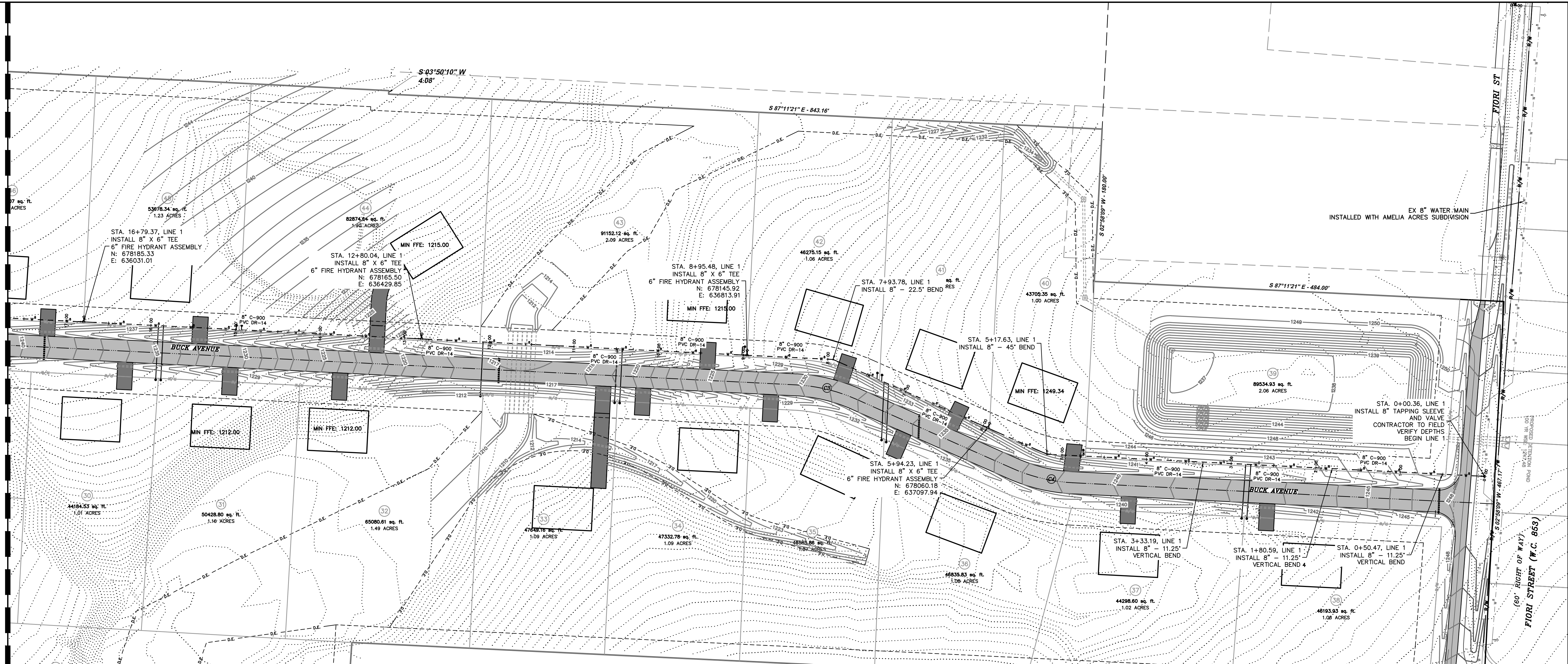


TYPICAL DETAILS
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS

REVISION	DATE	DESCRIPTION

SCALE: NTS
DATE: Nov 1, 2022
ENGINEER: [Signature]
DRAWN BY: [Signature]
W.O. #: 22902

MATCHLINE - SHEET 15

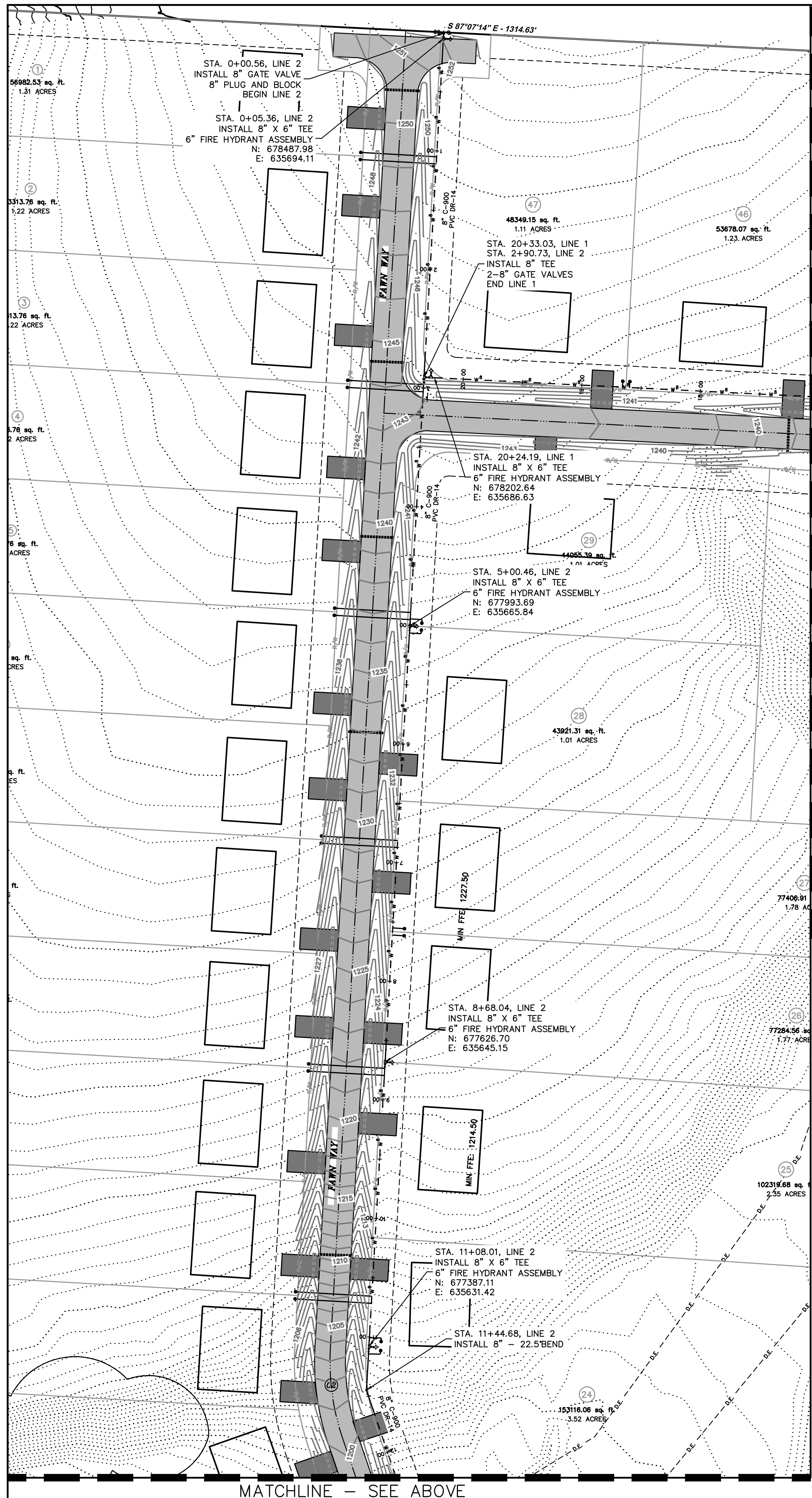


**WATER PLAN
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS**

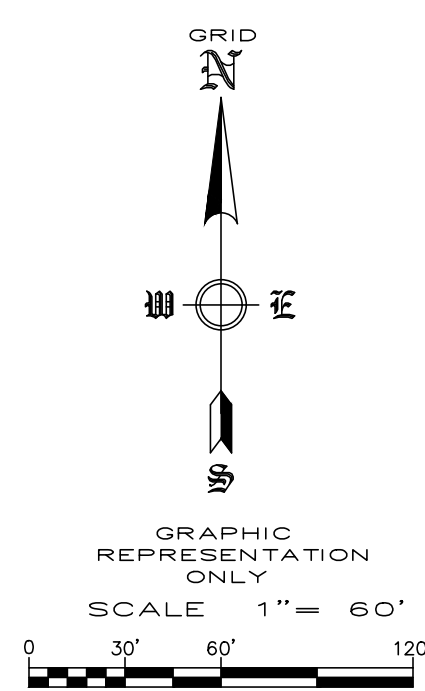
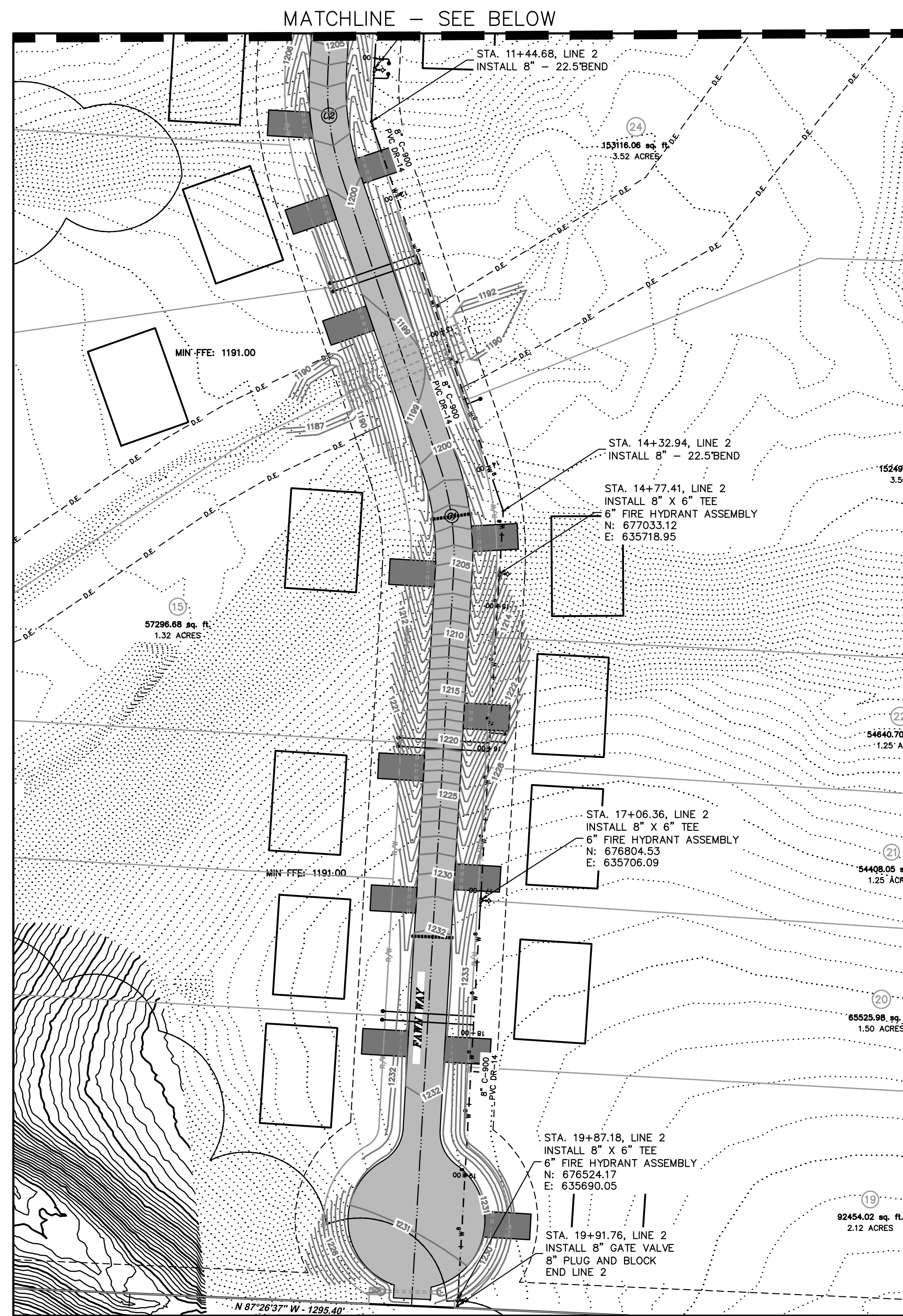
REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
DATE: Nov 1, 2022
ENGINEER: BAF
DRAWN BY: BAF
W.O. #: 22902

WATER PLAN
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS



MATCHLINE - SHEET 14



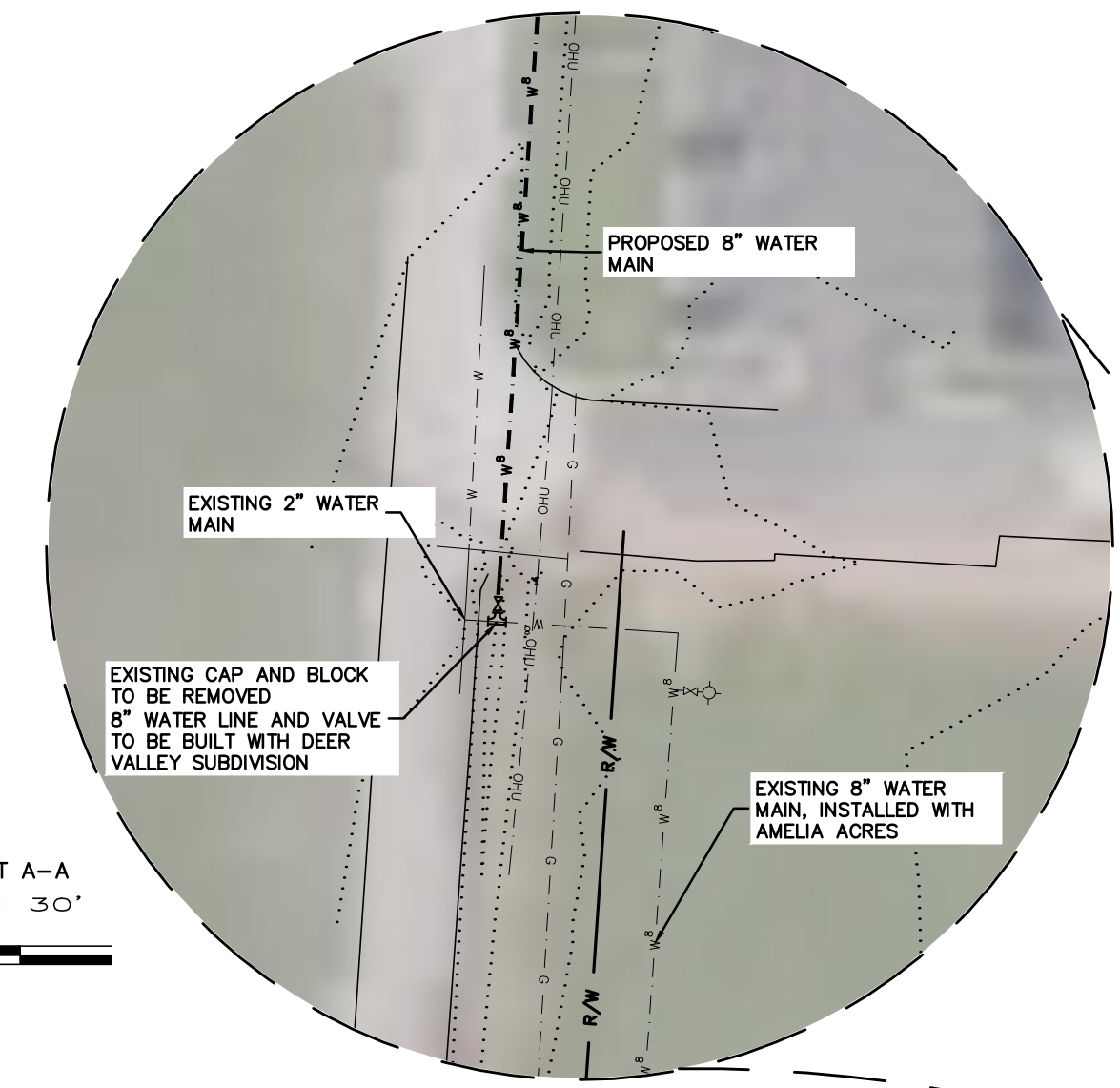
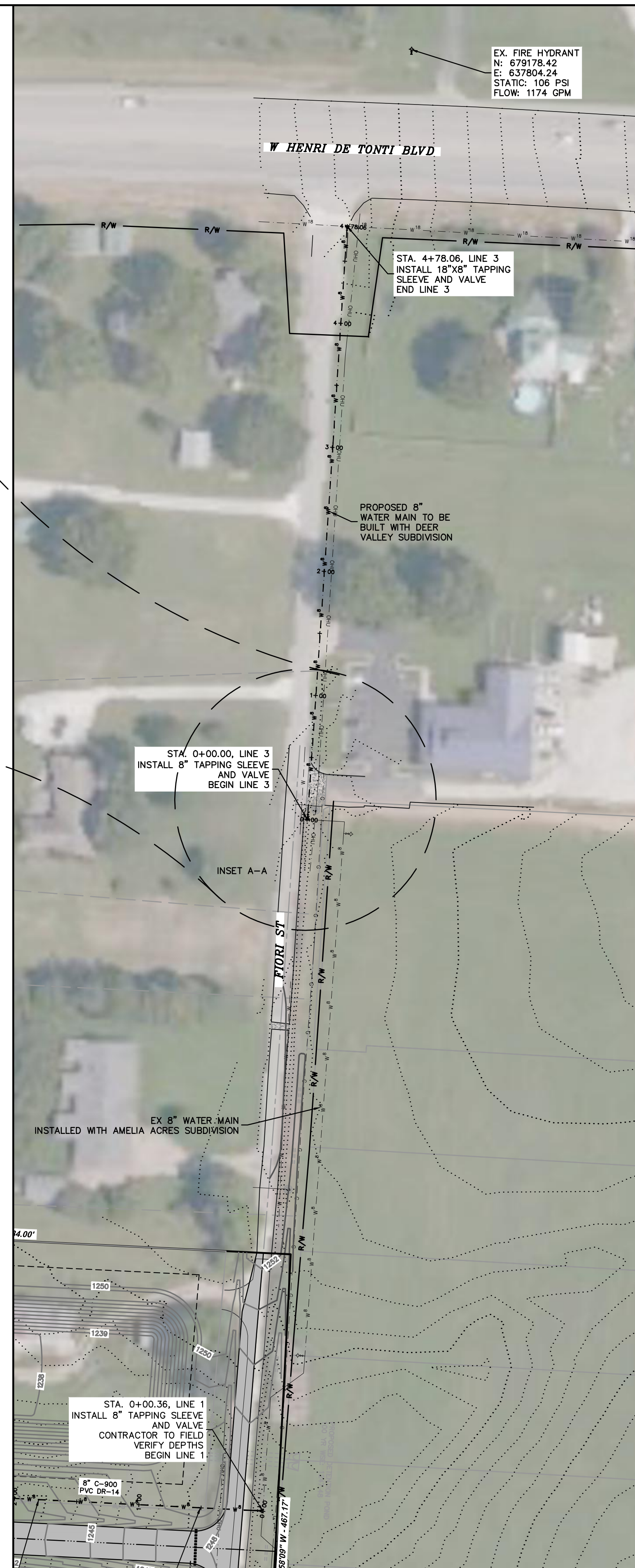
REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
 DATE: Nov 1, 2022
 ENGINEER: BAP
 DRAWN BY: BAP
 W.O. # 22902

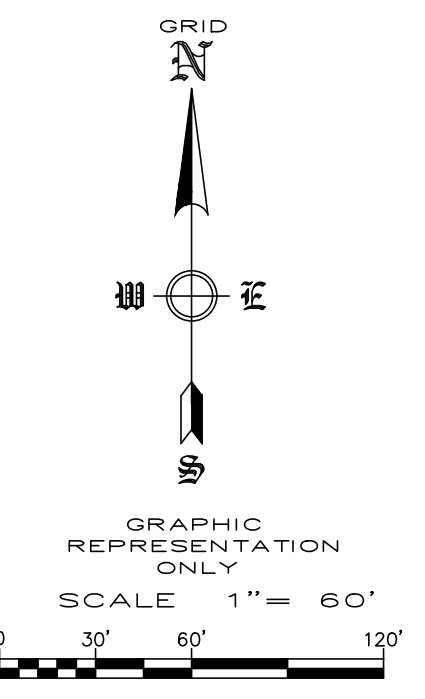
**OFFSITE WATER MAIN EXTENTION
 DEER VALLEY SUBDIVISION
 TONTITOWN, ARKANSAS**

REVISION	DATE	DESCRIPTION

SCALE: 1"=60'
 DATE: Nov 1, 2022
 ENGINEER: BAP
 DRAWMAN: BAP
 W.O. #: 22902

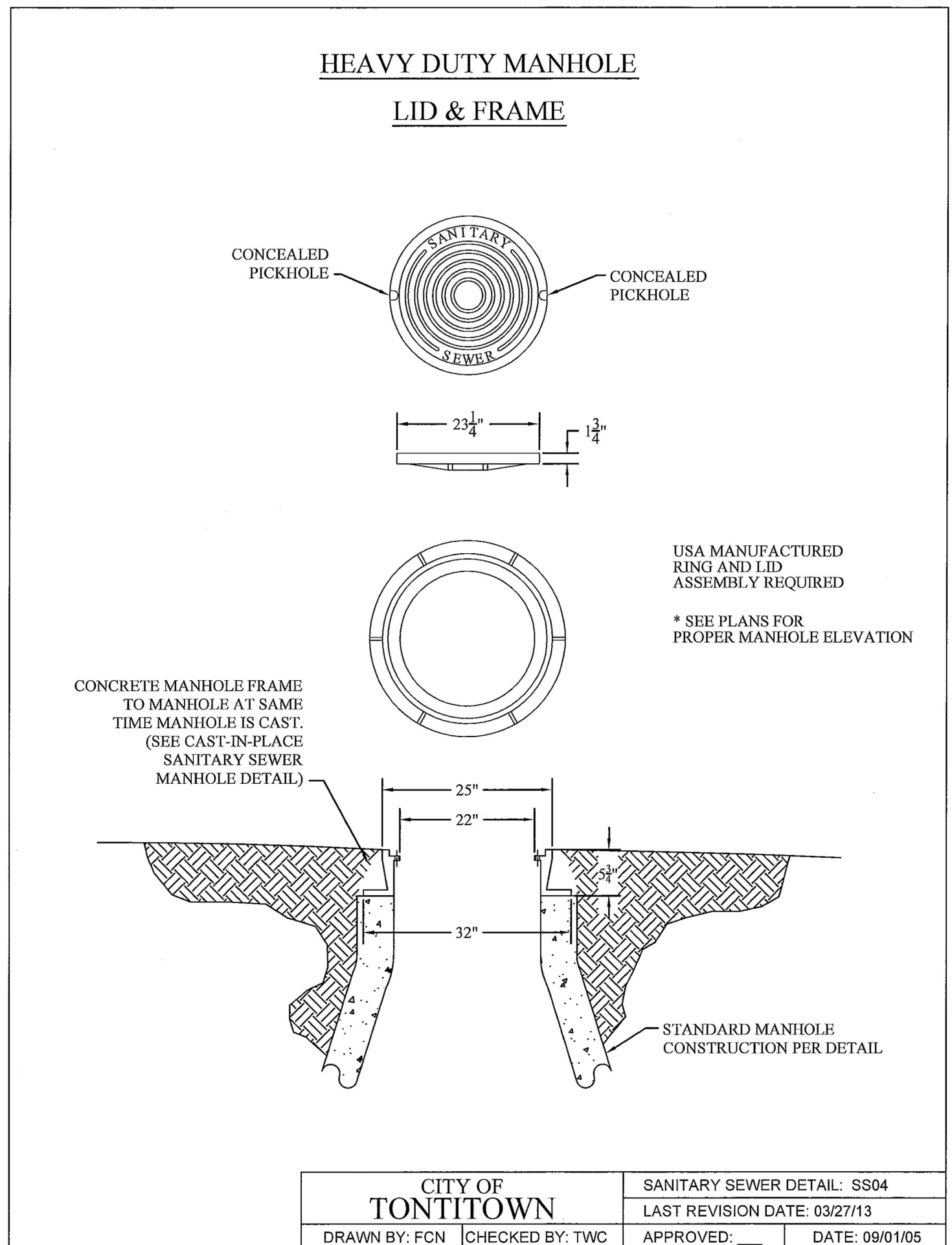
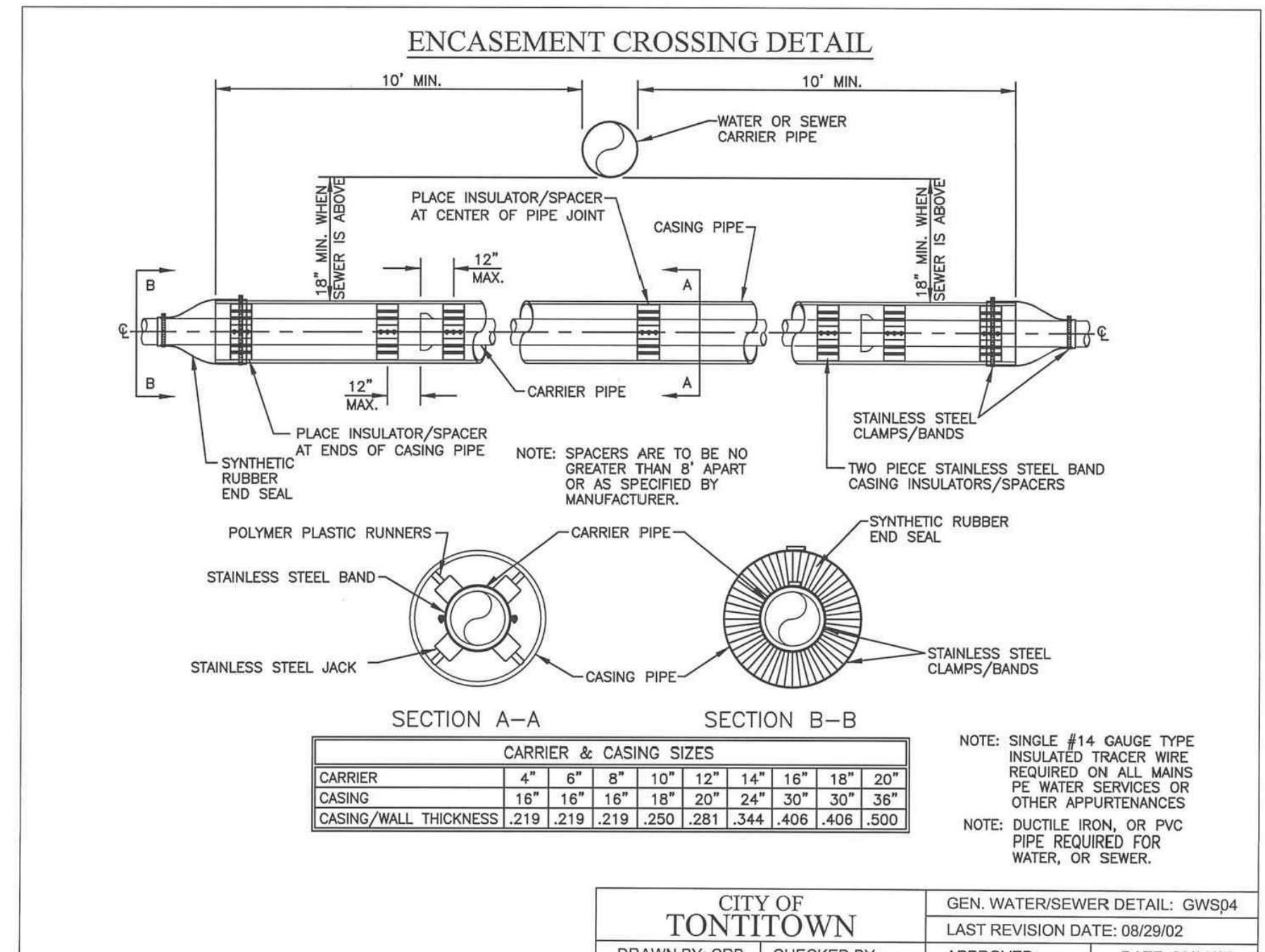
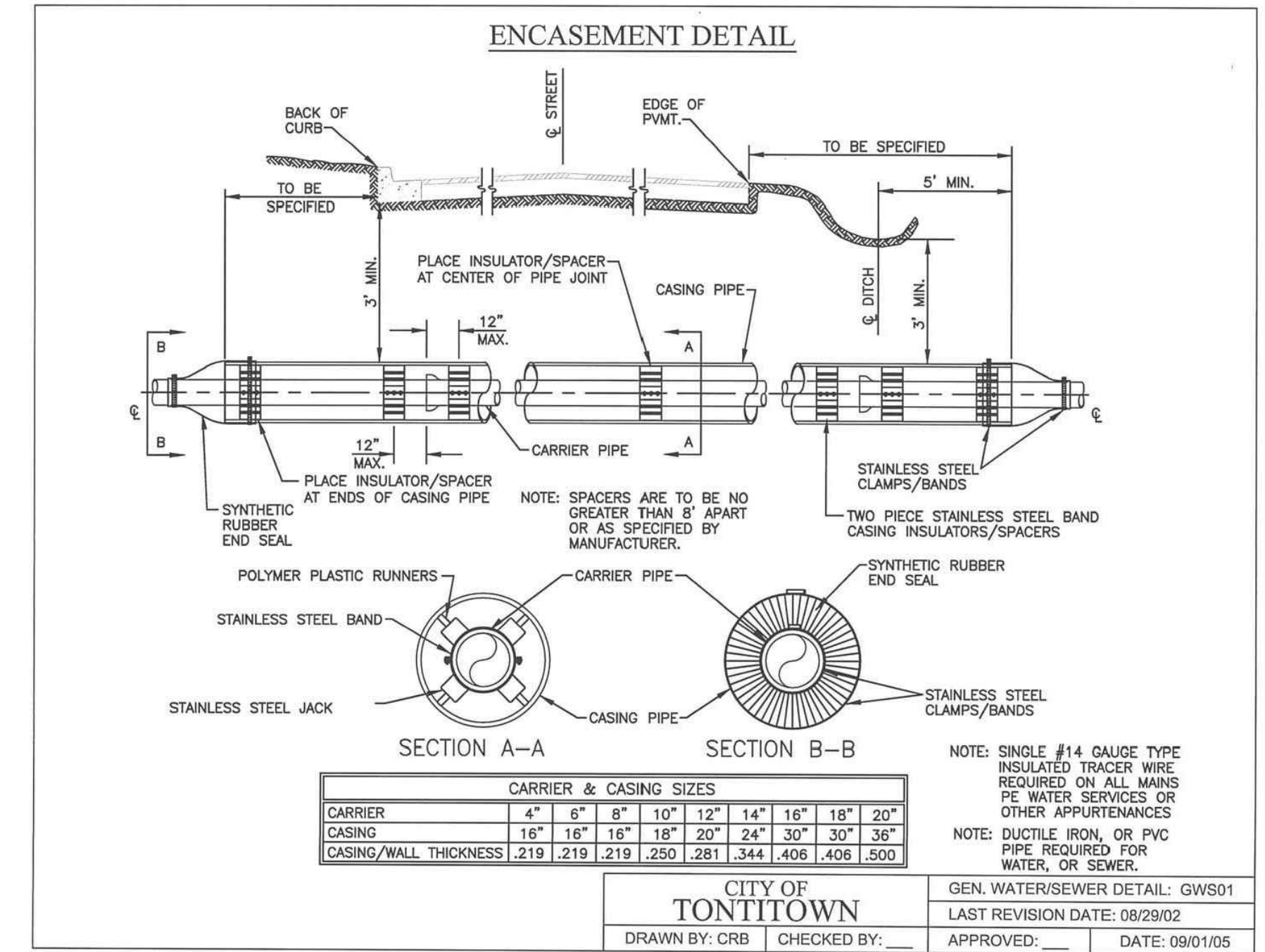
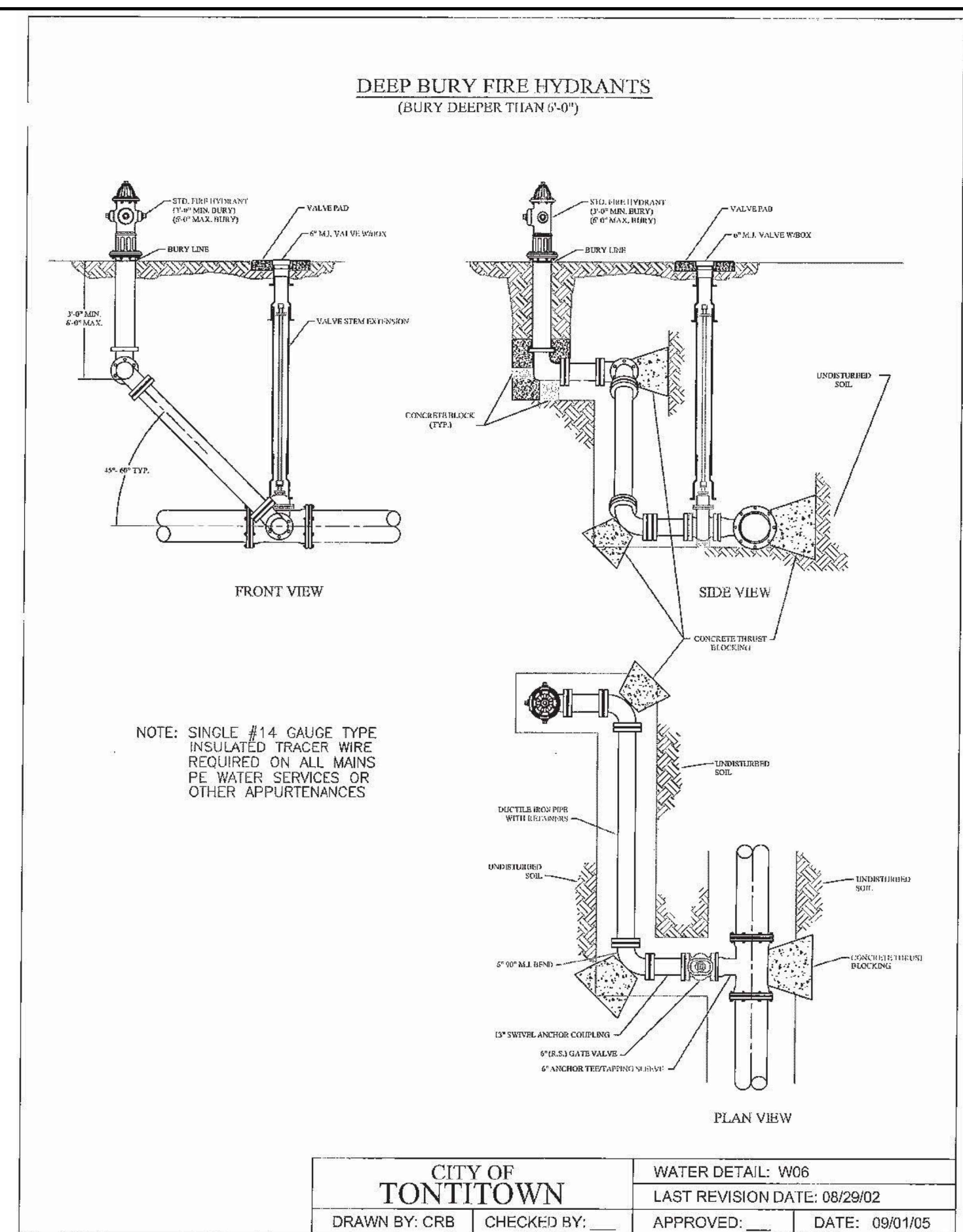
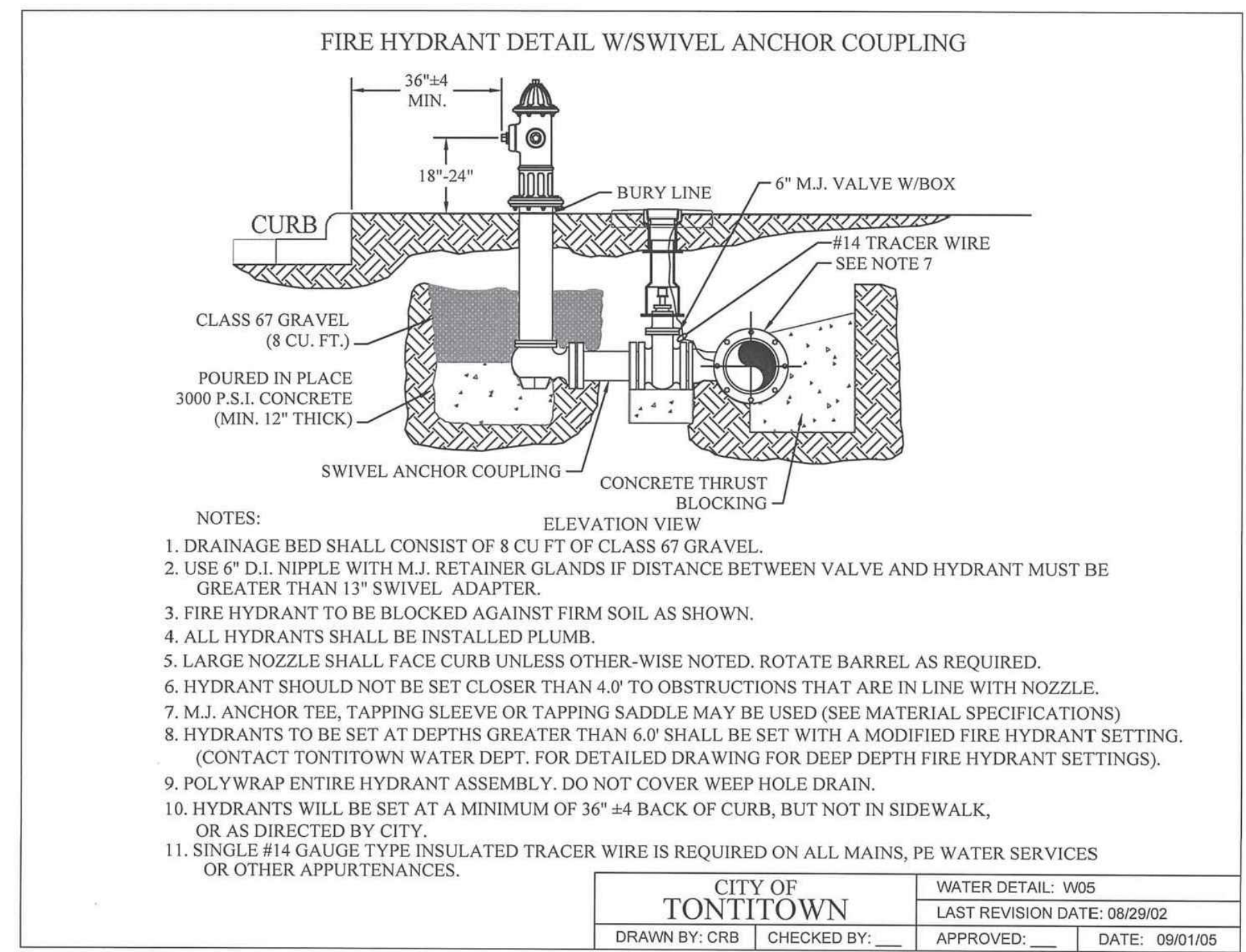
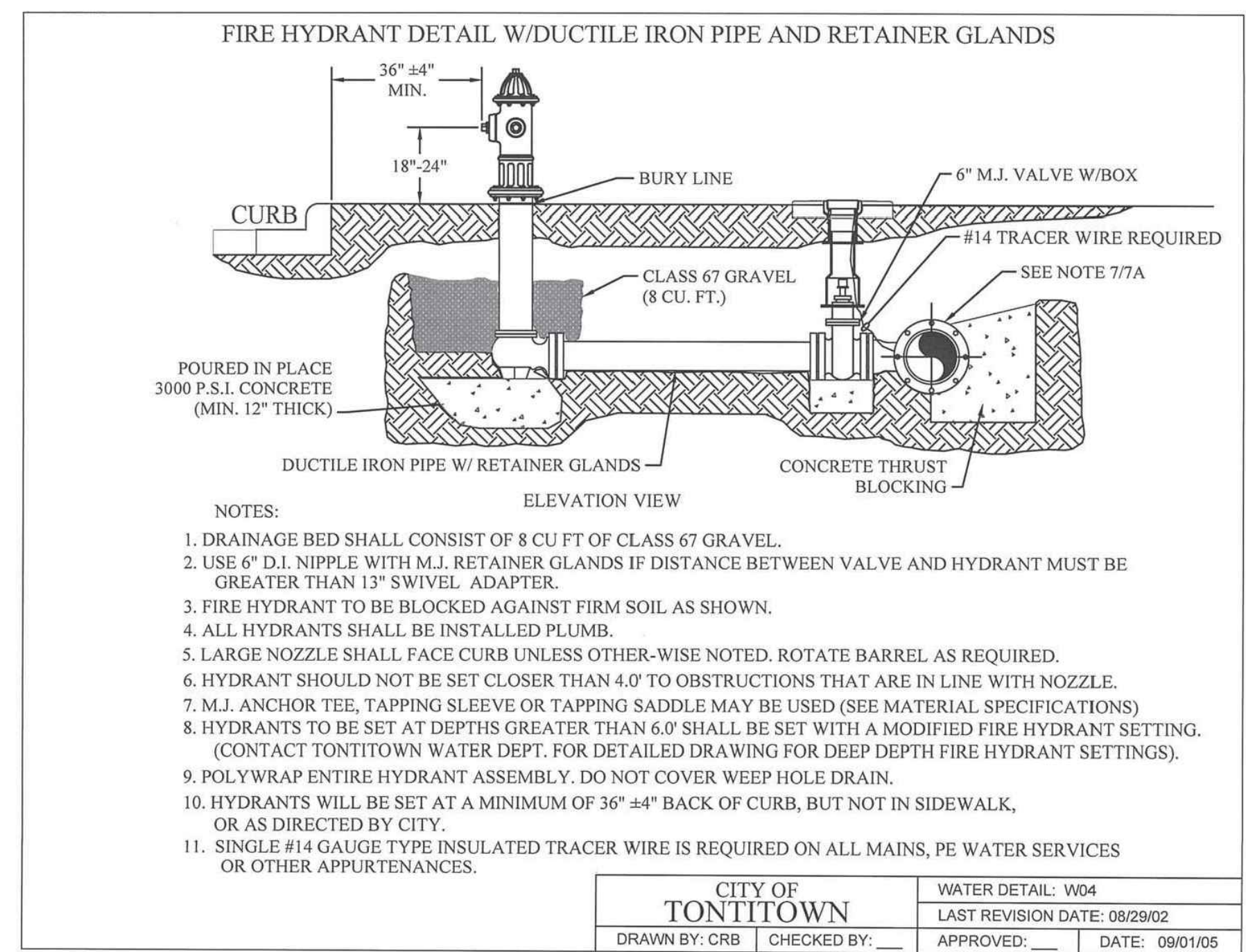


SCALE FOR INSET A-A
 SCALE 1" = 30'

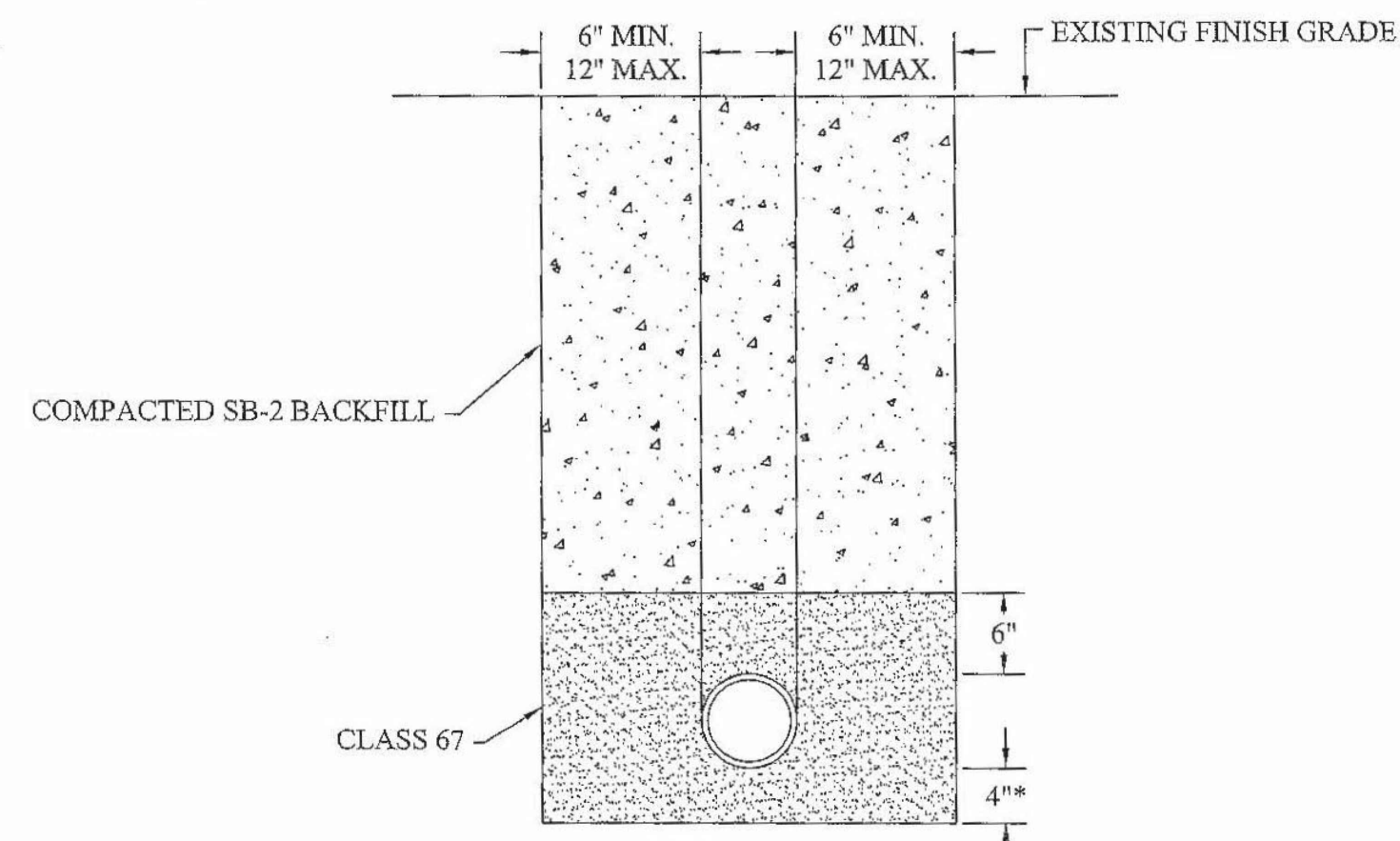


REVISION	DATE	DESCRIPTION

SCALE: NTS
DATE: Nov 1, 2022
DRAWN BY: BAA
CHECKED BY: TDC
W.O. # 22902



UNIMPROVED ROADS & DRIVEWAYS-PRIVATE DRIVEWAYS & PARKING AREAS

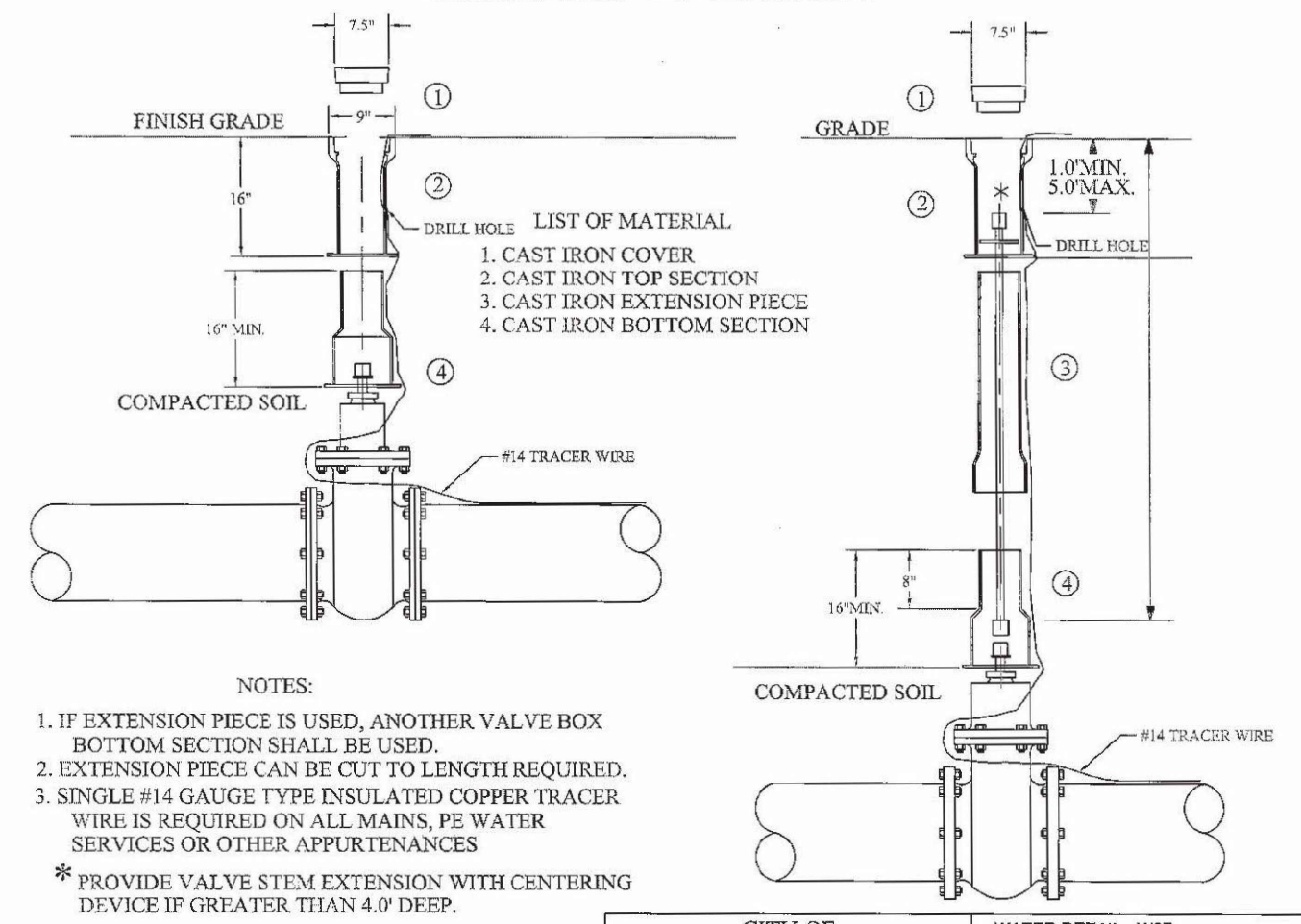


* IF IN ROCK 6" MIN. CLASS #67 STONE REQUIRED.
 ** IMPROVED PRIVATE DRIVEWAYS AND PARKING AREAS BACKFILLED AS SHOWN ABOVE. SUBSURFACE MATERIAL TO EQUAL OR EXCEED EXISTING SURFACE.
 ASPHALTIC CONCRETE WALKS - MINIMUM THICKNESS 4"
 CONCRETE DRIVES OR PARKING AREAS - MINIMUM THICKNESS 6".

NOTE: PRIVATE PARKING AREAS, DRIVEWAYS & WALKS-SEE UNIMPROVED ROADS

CITY OF TONTITOWN		GEN. WATER/SEWER DETAIL: GWS09	
DRAWN BY: CRB		LAST REVISION DATE: 08/29/02	
CHECKED BY: _____		APPROVED: _____	
		DATE: 09/01/05	

VALVE BOX INSTALLATION

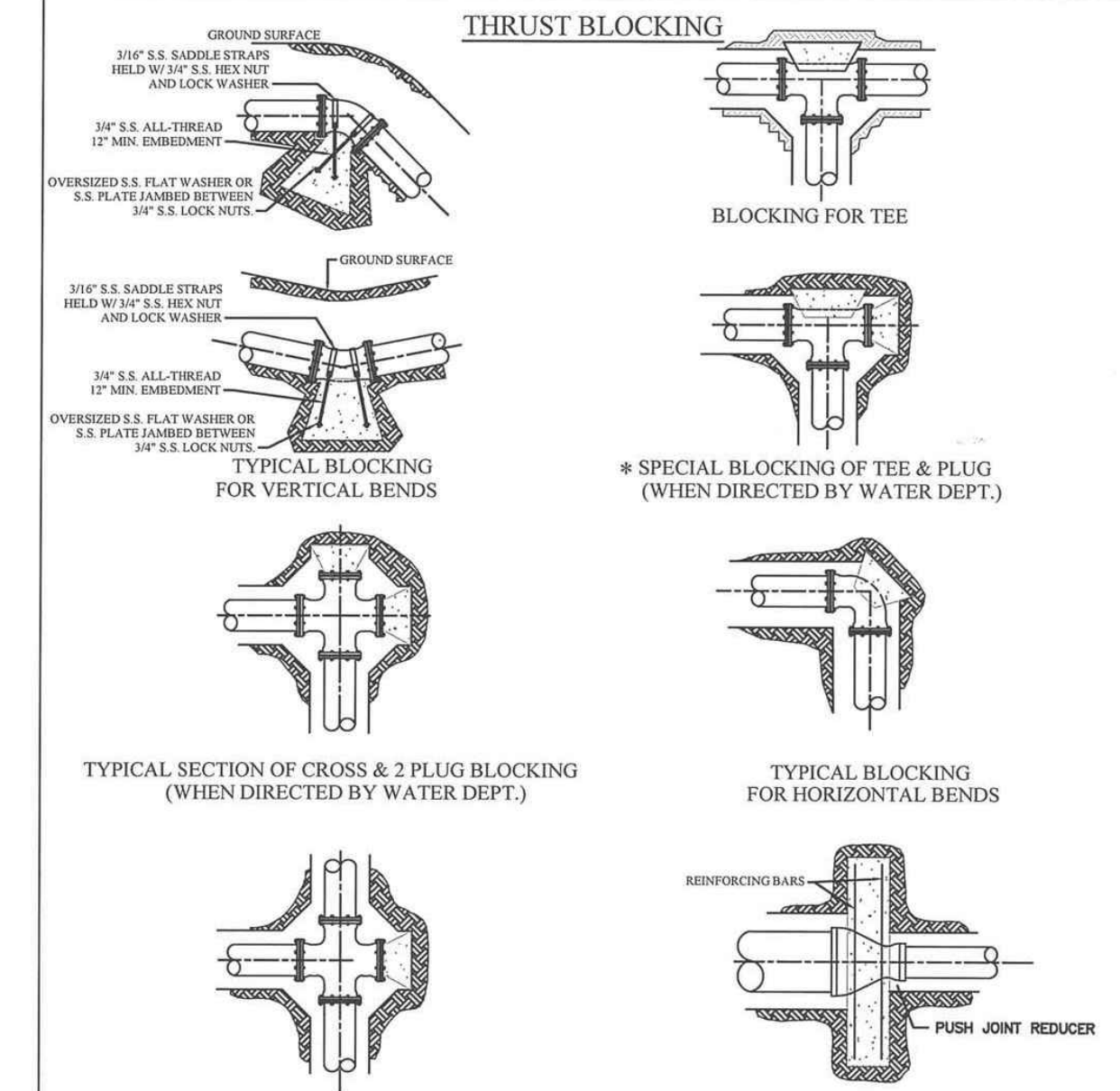


LIST OF MATERIAL
 1. CAST IRON COVER
 2. CAST IRON TOP SECTION
 3. CAST IRON EXTENSION PIECE
 4. CAST IRON BOTTOM SECTION

NOTES:
 1. IF EXTENSION PIECE IS USED, ANOTHER VALVE BOX BOTTOM SECTION SHALL BE USED.
 2. EXTENSION PIECE CAN BE CUT TO LENGTH REQUIRED.
 3. SINGLE #14 GAUGE TYPE INSULATED COPPER TRACER WIRE IS REQUIRED ON ALL MAINS, PE WATER SERVICES OR OTHER APPURTENANCES
 * PROVIDE VALVE STEM EXTENSION WITH CENTERING DEVICE IF GREATER THAN 4.0' DEEP.

CITY OF TONTITOWN		WATER DETAIL: W07	
DRAWN BY: CRB		LAST REVISION DATE: 08/29/02	
CHECKED BY: _____		APPROVED: _____	
		DATE: 09/01/05	

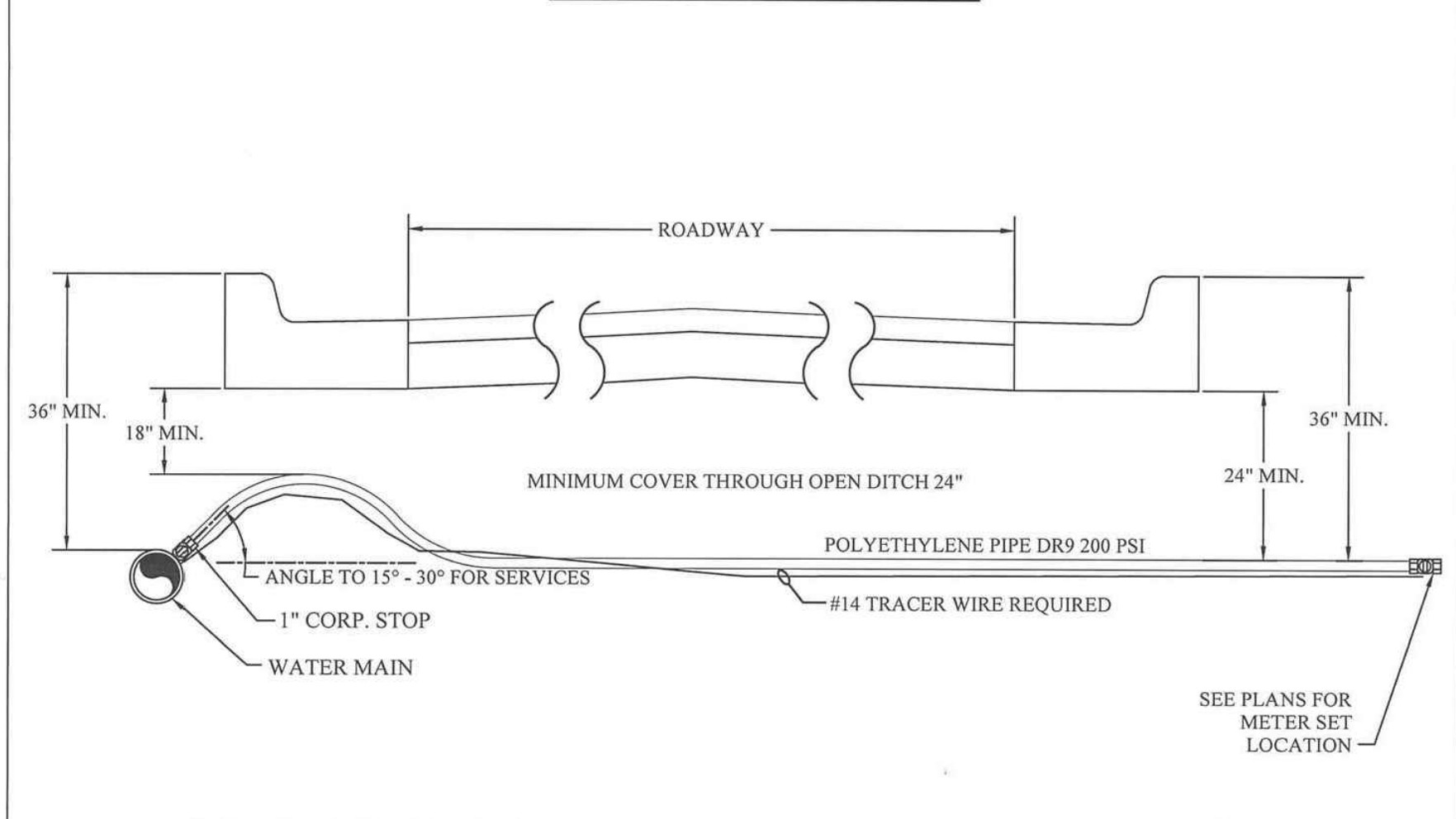
THRUST BLOCKING



NOTES ON THRUST BLOCKING
 1. ALL BLOCKING SHALL BE AGAINST UNDISTURBED SOIL, USING 3,000 PSI CONCRETE.
 2. WHERE SOIL CONDITIONS MAKE IT NECESSARY TO POUR CONCRETE OVER JOINTS, THE ENDS OF THE ADJACENT PIPES MUST HAVE A THRUST BLOCK TO RESIST MOVEMENT OF THESE JOINTS.
 3. WEIGHT CALCULATIONS TO BE BASED ON REACTION BACKING TABLE (SEE GWS10).
 4. WHEN BLOCKING AGAINST FITTINGS, FITTINGS SHALL BE COVERED WITH POLYETHYLENE TUBING TO PREVENT BONDING OF CONCRETE.
 5. WHERE SHEAR BECOMES A PROBLEM PROPER REINFORCING MUST BE INSTALLED INTO THE BLOCKING.
 6. CLEARANCE SHALL BE A MINIMUM OF 6" BETWEEN PIPE AND OBSTRUCTIONS.
 7. CLEARANCE ON PIPES BELONGING TO OIL/GAS COMPANIES SHALL BE 18" UNLESS SPECIAL PERMISSION IS GIVEN BY THESE COMPANIES.

CITY OF TONTITOWN		GEN. WATER/SEWER DETAIL: GWS02	
DRAWN BY: CRB		LAST REVISION DATE: 08/29/02	
CHECKED BY: _____		APPROVED: _____	
		DATE: 09/01/05	

1" SERVICE CONNECTIONS

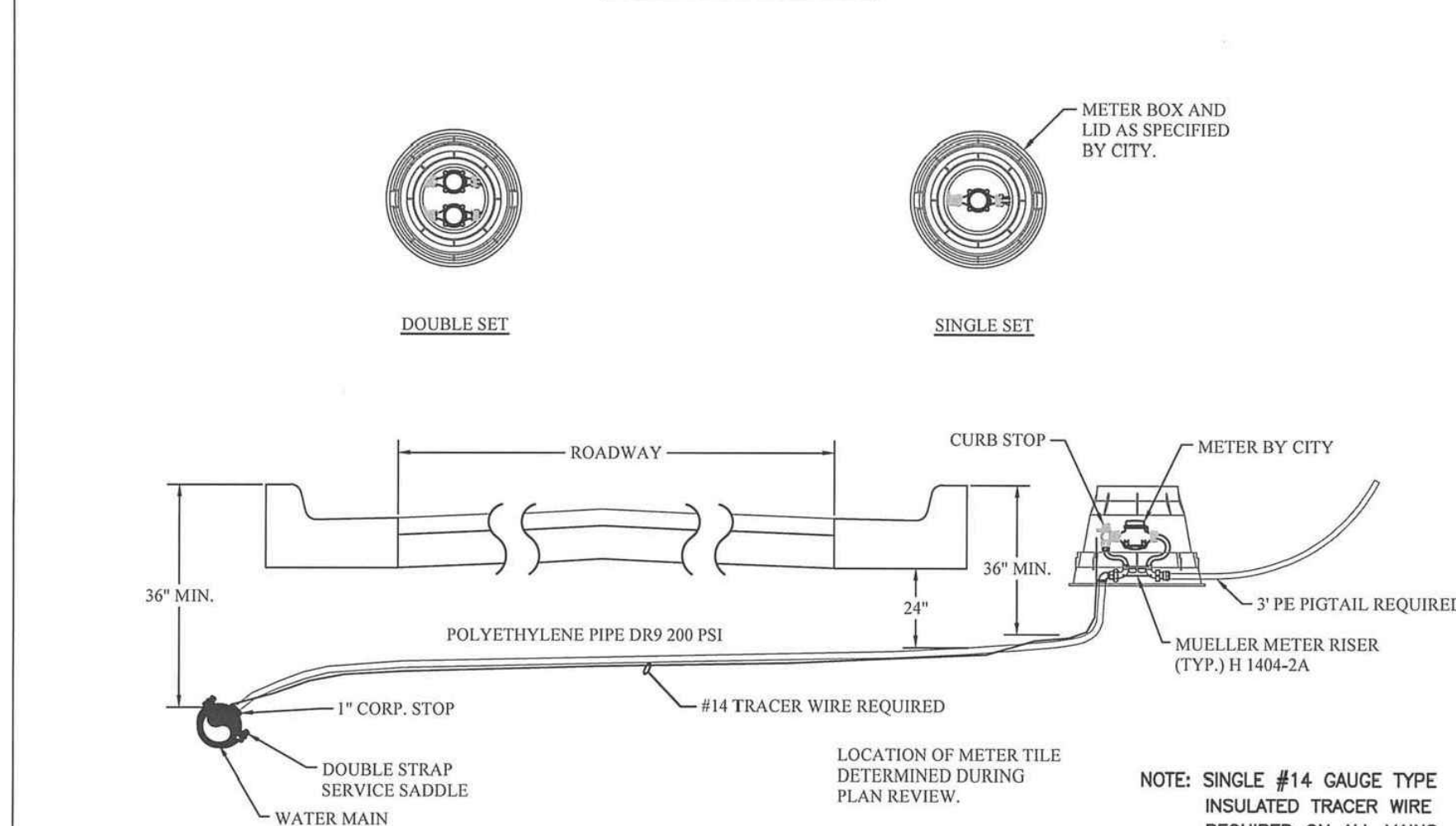


NOTE: SERVICE CROSSINGS UNDER STREETS AND ROADWAYS MUST BE ENCASED IN A 2" PVC OR PE PIPE.

NOTE: SINGLE #14 GAUGE TYPE INSULATED TRACER WIRE REQUIRED ON ALL MAINS PE WATER SERVICES OR OTHER APPURTENANCES

CITY OF TONTITOWN		WATER DETAIL: W03	
DRAWN BY: CRB		LAST REVISION DATE: 03/18/16	
CHECKED BY: _____		APPROVED: _____	
		DATE: 09/01/05	

WATER SERVICE DETAIL 1"

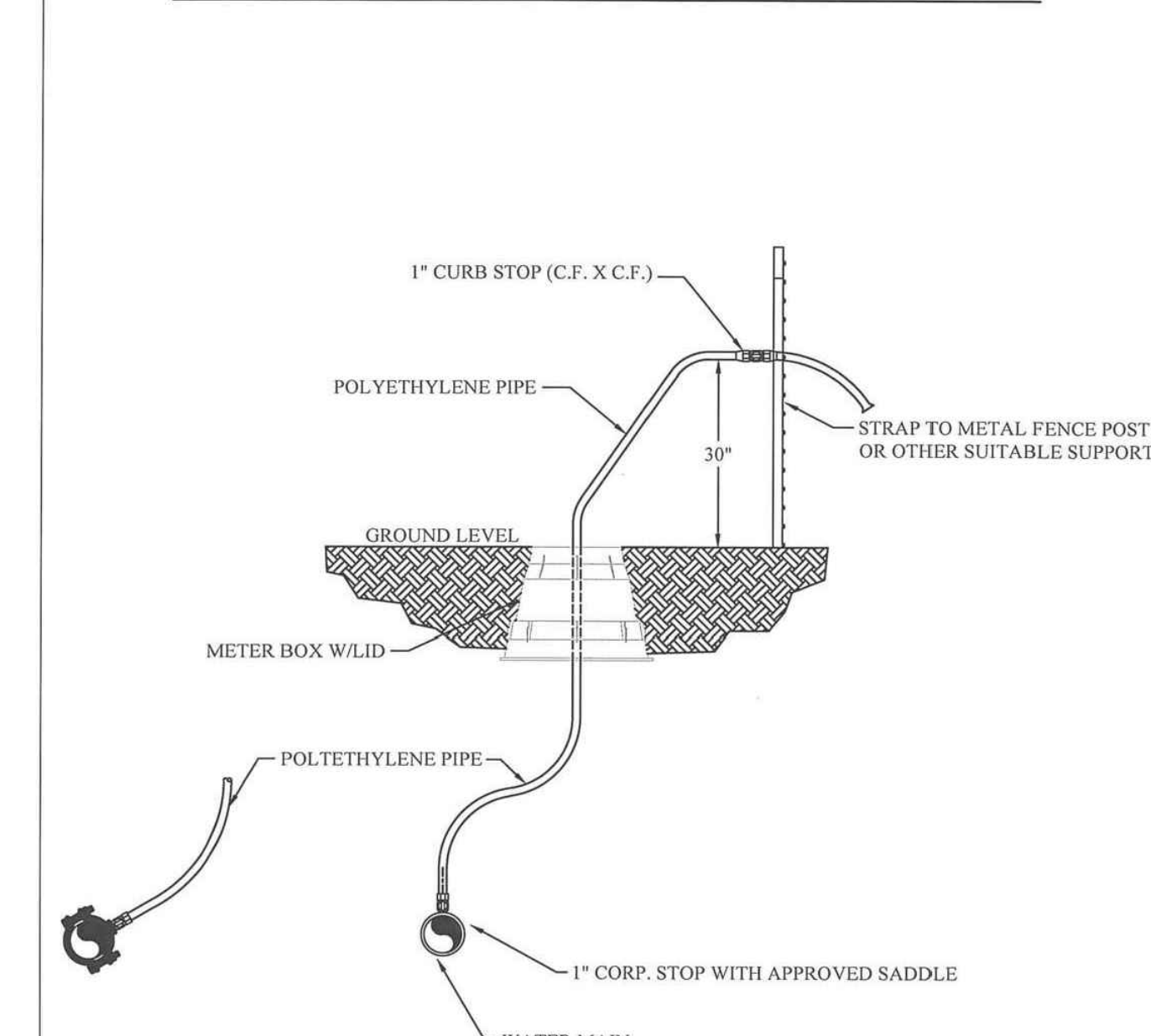


NOTE: SERVICE CROSSINGS UNDER STREETS AND ROADWAYS MUST BE ENCASED IN A 2" PVC OR PE PIPE.

NOTE: SINGLE #14 GAUGE TYPE INSULATED TRACER WIRE REQUIRED ON ALL MAINS PE WATER SERVICES OR OTHER APPURTENANCES

CITY OF TONTITOWN		WATER DETAIL: W02	
DRAWN BY: CRB		LAST REVISION DATE: 03/18/16	
CHECKED BY: _____		APPROVED: _____	
		DATE: 09/01/05	

TEMPORARY 1" BLOW OFF ASSEMBLY / SAMPLE POINTS



CITY OF TONTITOWN		WATER DETAIL: W01	
DRAWN BY: CRB		LAST REVISION DATE: 08/29/02	
CHECKED BY: _____		APPROVED: _____	
		DATE: 09/01/05	

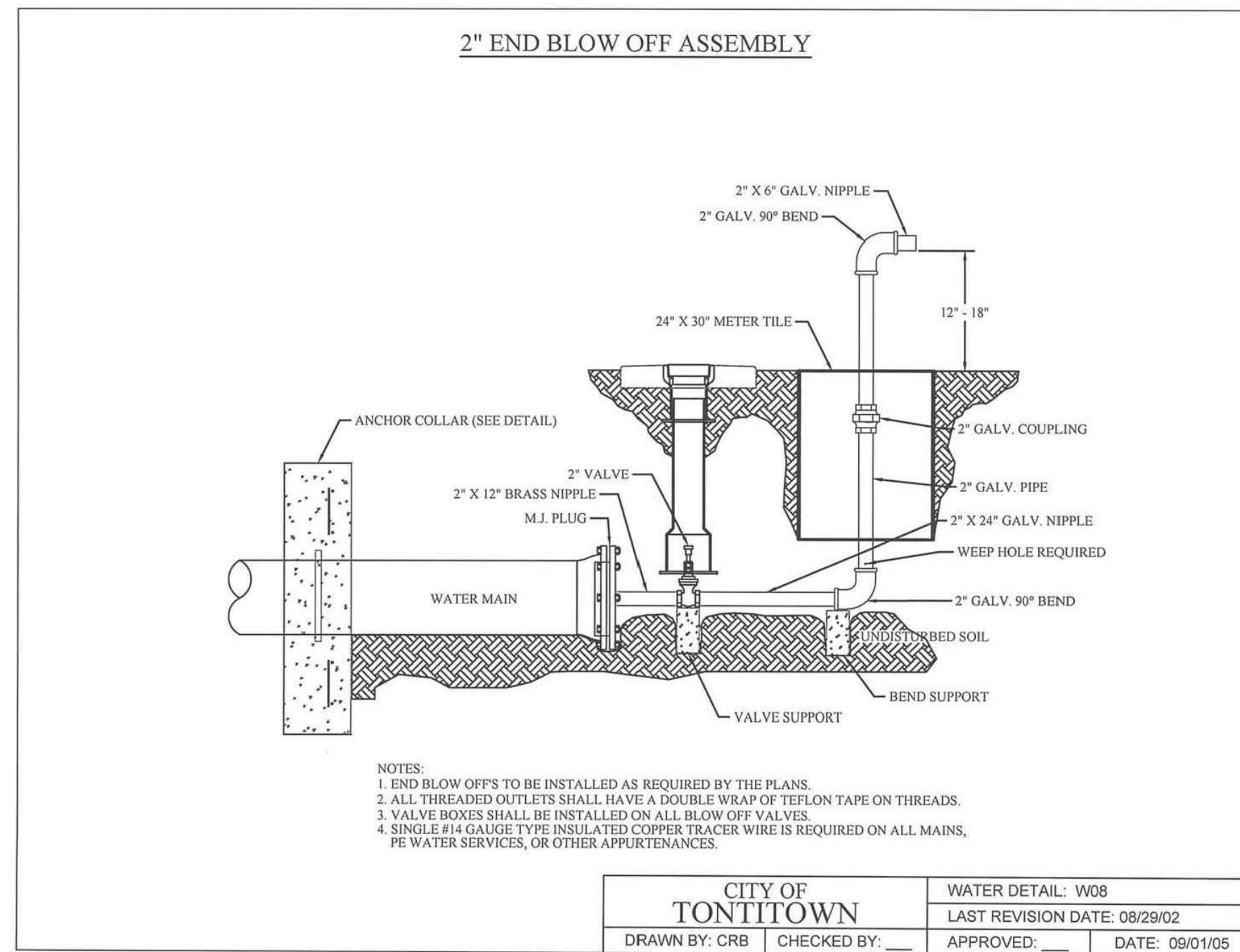
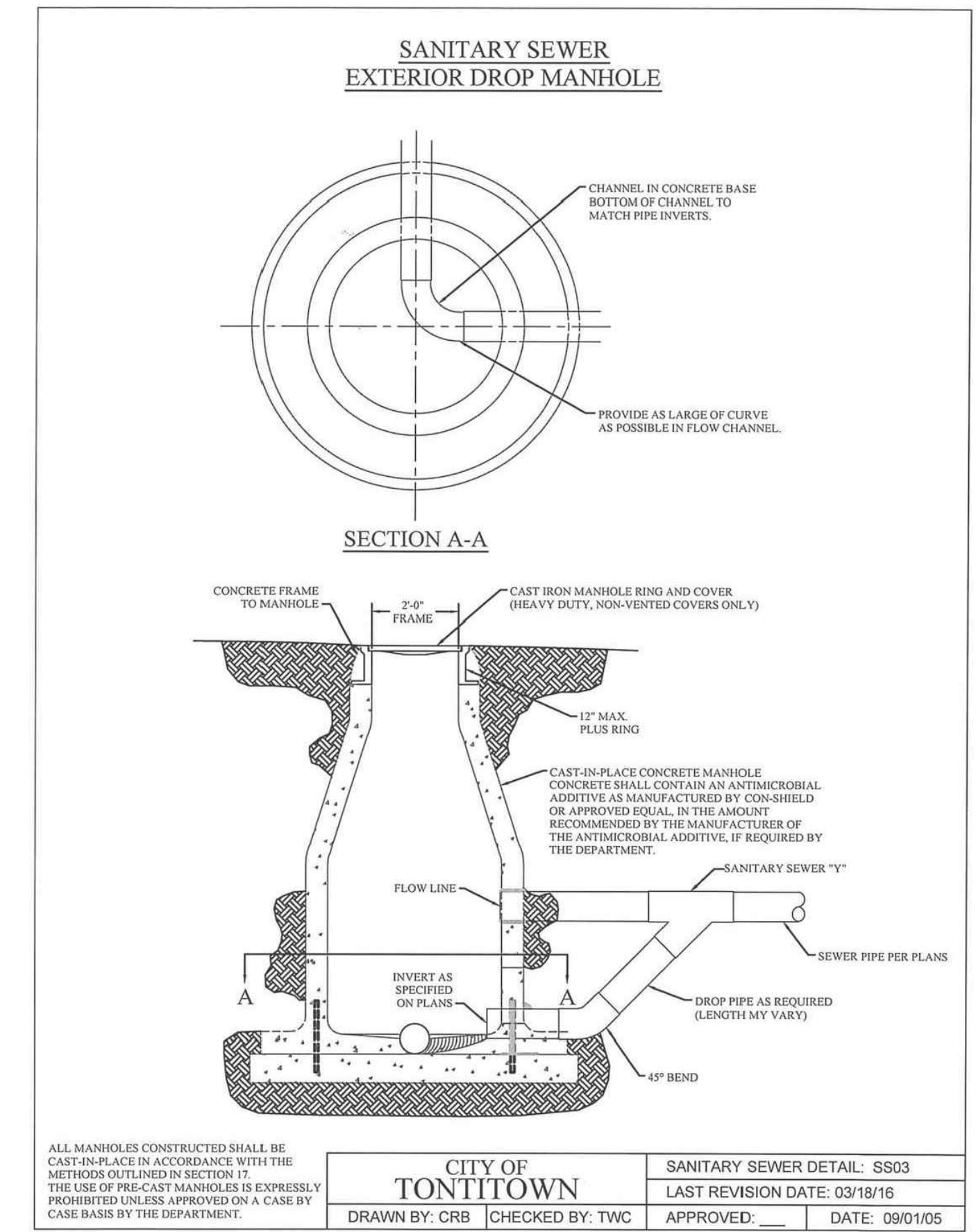
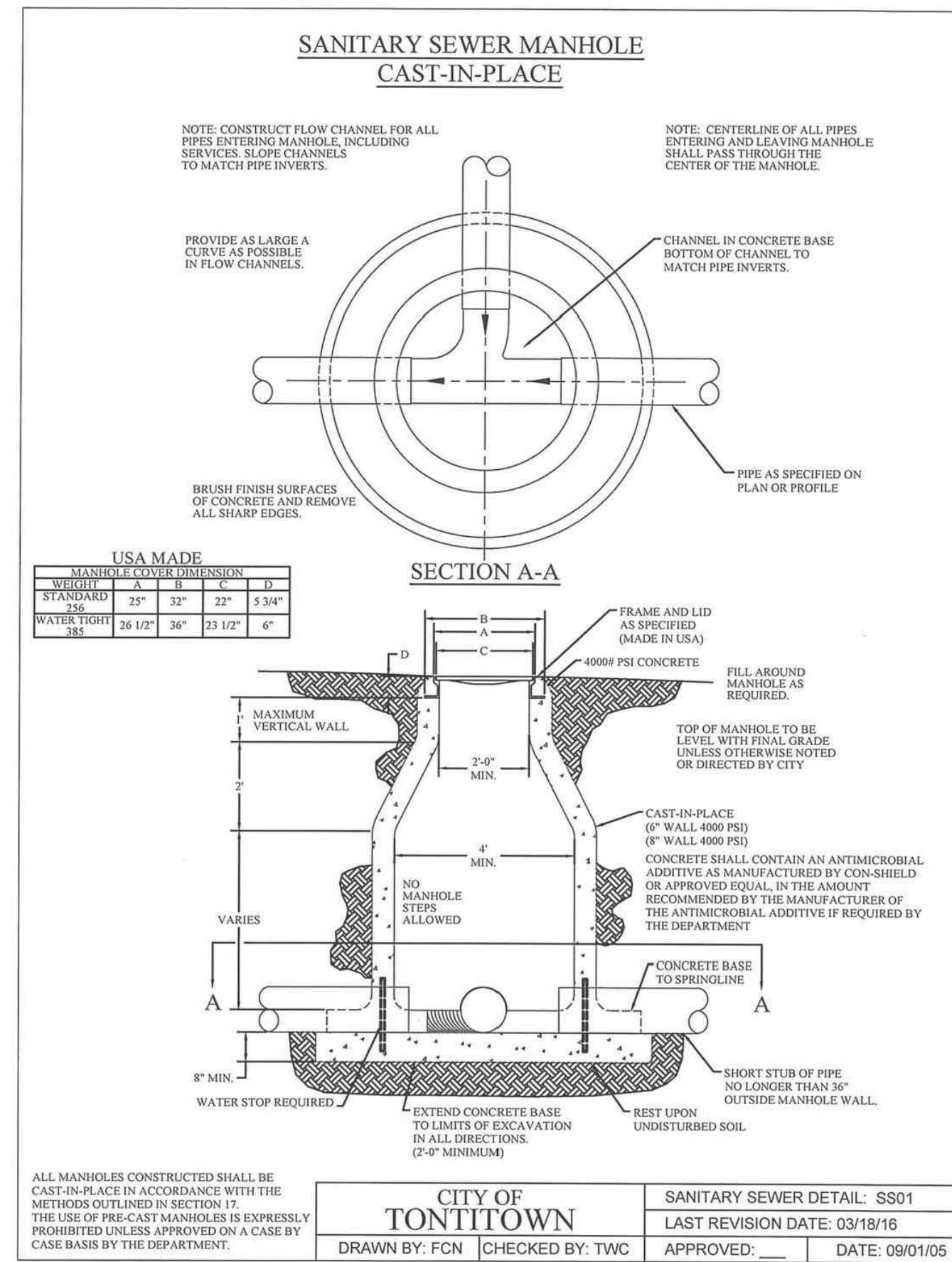
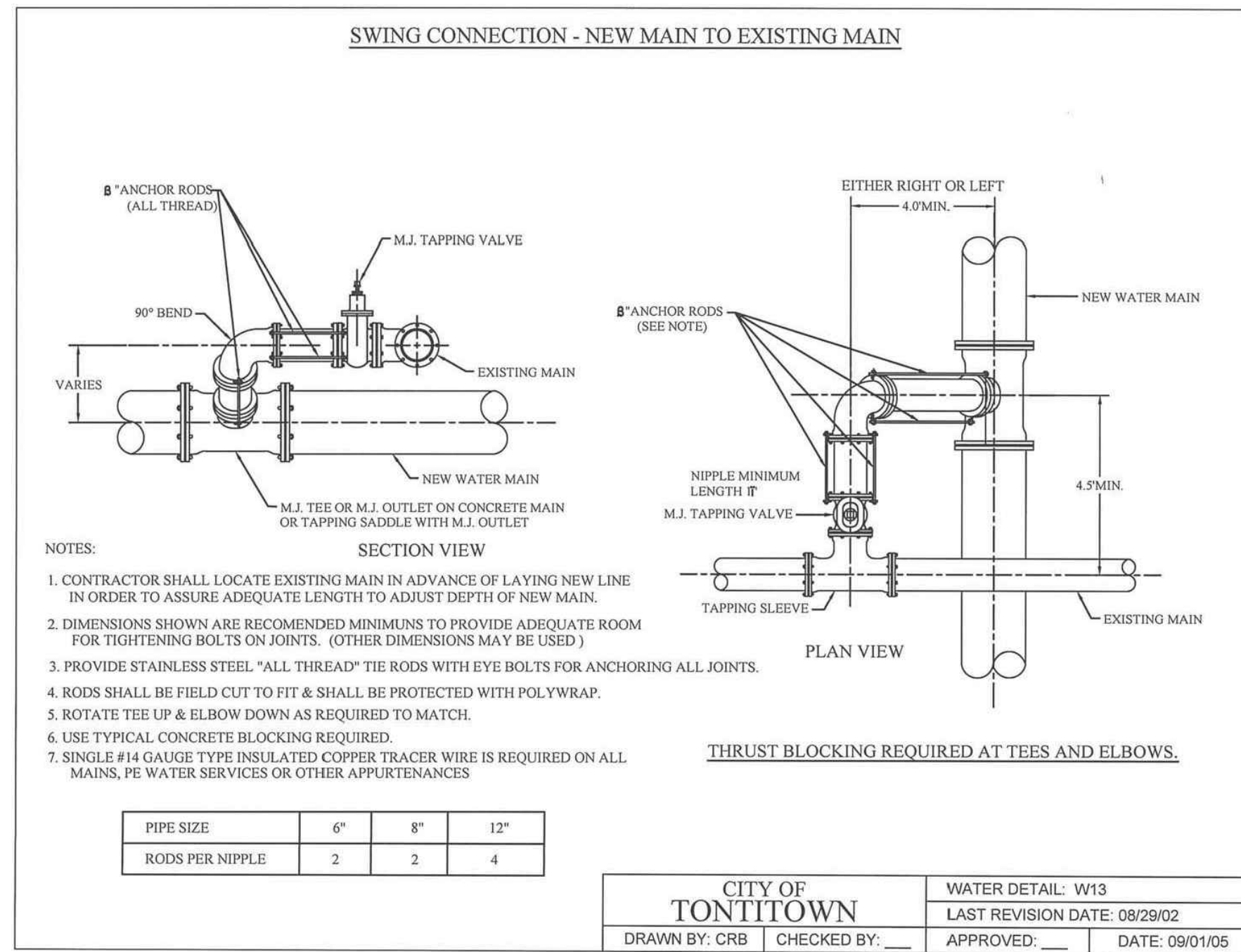


ENGINEERING SERVICES, INC.
 207 SOUTH OLD MEXICO ROAD
 SPRINGDALE, ARKANSAS 72764

WATER AND SEWER DETAILS
 DEER VALLEY SUBDIVISION
 TONTITOWN, ARKANSAS

REVISION	DATE	DESCRIPTION

SCALE: NTS
 DATE: Nov 1, 2022
 ENGINEER: BAW
 DRAWN BY: TCE
 W.O. #: 22902



REACTION BACKING TABLE

SIZE	REQUIRED SQ. FT. OF UNDISTURBED EARTH WALL FOR REACTION BACKING					
	TYPE OF FITTINGS					
	TEE	90°	45°	22 1/2°	11 1/4°	PLUG
2"	1	1	1	1	1	1
3"	1	1	1	1	1	1
4"	1	2	1	1	1	2
6"	3	3	2	1	1	3
8"	4	6	3	2	1	4
10"	6	8	5	3	1	6
12"	8	12	6	3	2	8
14"	11	16	9	4	2	11
16"	14	20	11	6	3	14
18"	18	25	14	7	4	18
20"	22	31	17	9	4	22
24"	32	45	24	12	6	32
30"	48	68	37	19	10	48
36"	69	98	53	27	14	69

NOTES:

- ALL FITTINGS SHALL BE MECHANICAL JOINTS.
- DO NOT COVER BELLS OR FLANGES WITH CONCRETE.
- WRAP ALL FITTINGS WITH POLY WRAP.
- BACK ALL TEES ACCORDING TO SIZE OF BRANCH.
- BACKING FUTURE LINE EXTENSIONS SHALL BE SUCH THAT LATER REMOVAL IS POSSIBLE.
- ALL BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL OR VERTICAL, SHALL BE BACKED.
- REACTION BACKING TABLE IS BASED ON 150 PSI AND SOIL BEARING PRESSURE OF 2,000 LB/SQ. FT. ADDITIONAL BACKING MAY BE REQUIRED IN SOME AREAS AS REQUIRED BY CITY WATER DEPARTMENT.

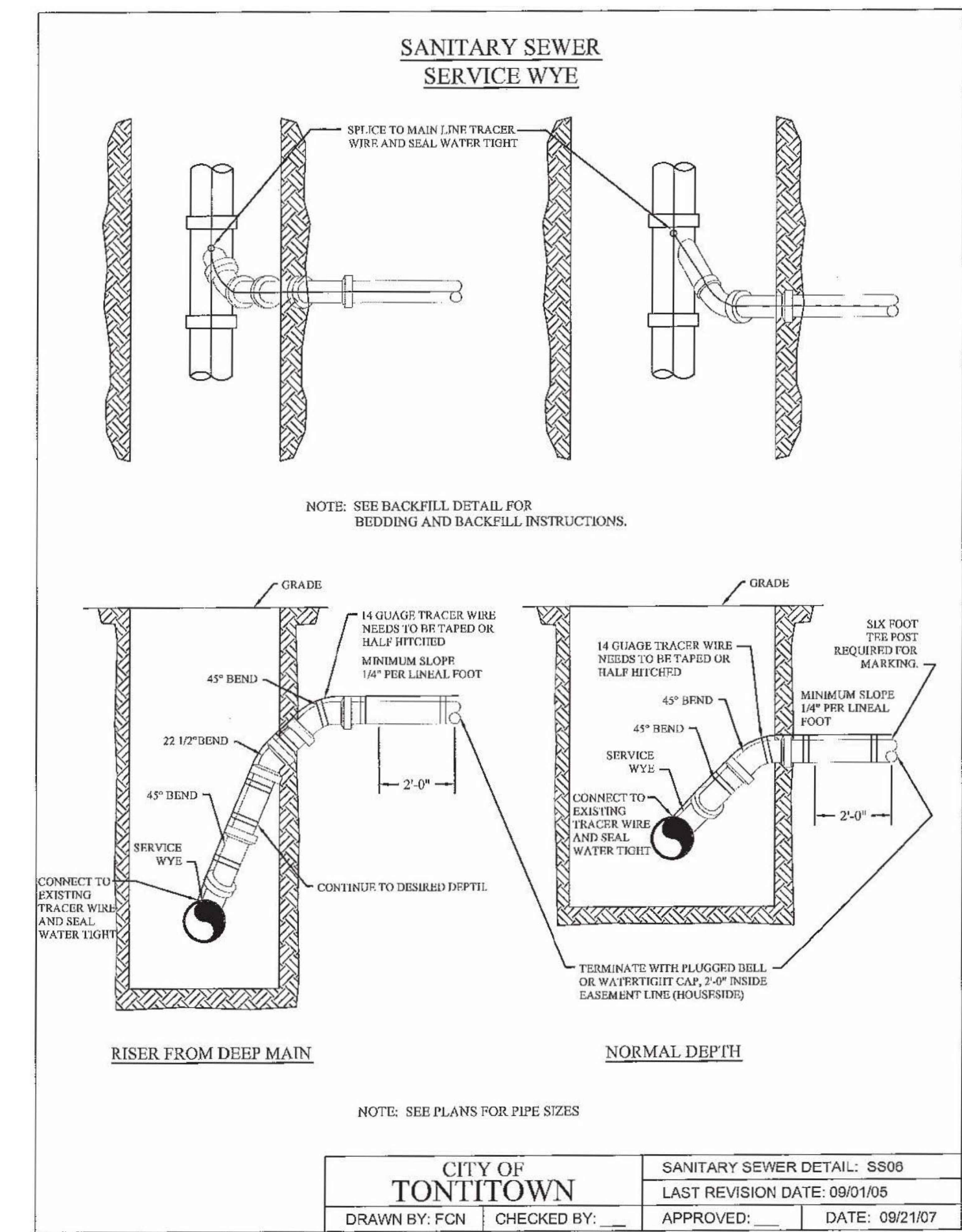
CITY OF TONTITOWN

DRAWN BY: CRB | CHECKED BY: _____

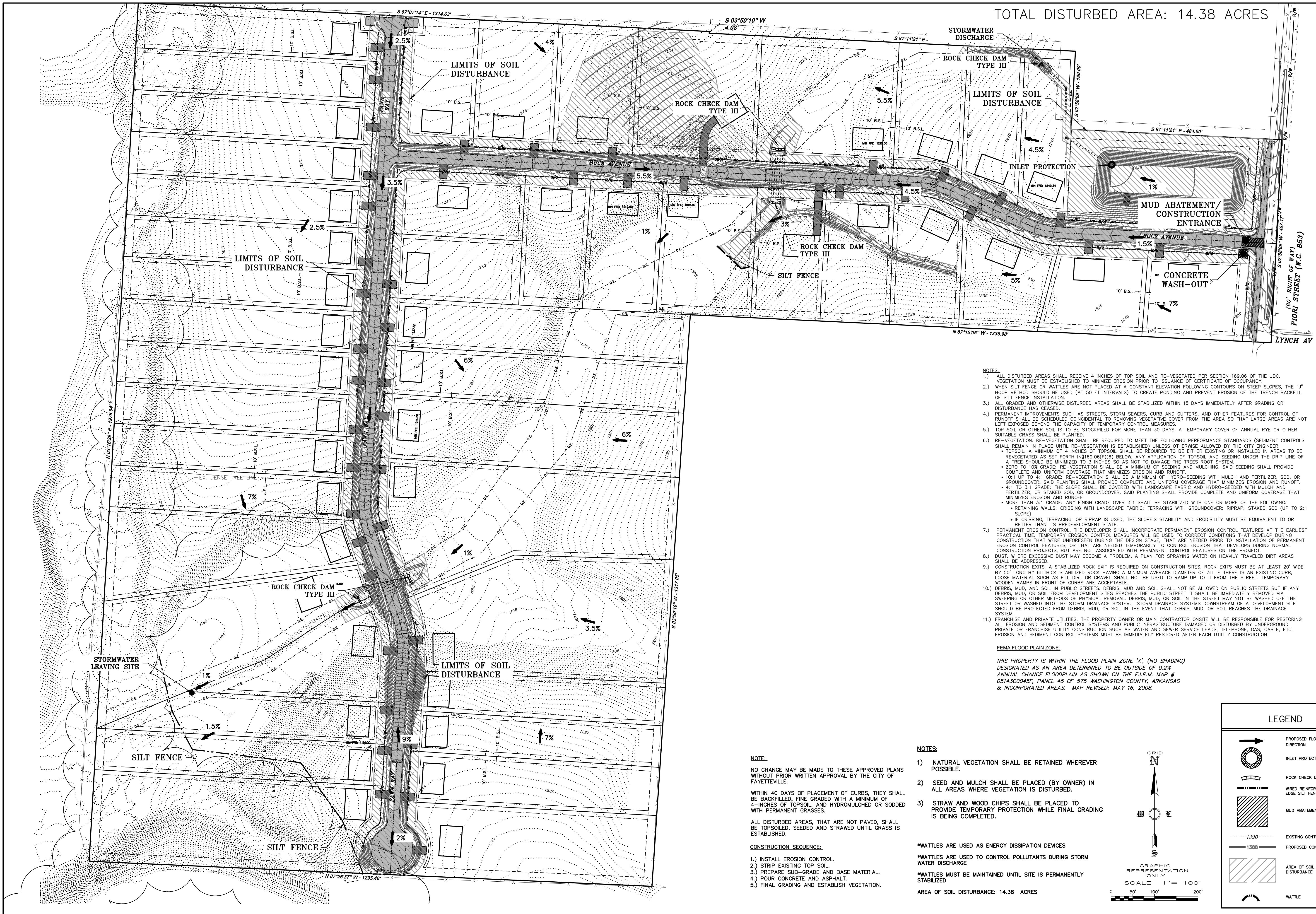
GEN. WATER/SEWER DETAIL: GWS10

LAST REVISION DATE: 08/29/02

APPROVED: _____ DATE: 09/01/05



TOTAL DISTURBED AREA: 14.38 ACRES



- NOTES:**
- 1.) ALL DISTURBED AREAS SHALL RECEIVE 4 INCHES OF TOP SOIL AND RE-VEGETATED PER SECTION 169.06 OF THE UDC. VEGETATION MUST BE ESTABLISHED TO MINIMIZE EROSION PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
 - 2.) WHEN SILT FENCE OR WATTLES ARE NOT PLACED AT A CONSTANT ELEVATION FOLLOWING CONTOURS ON STEEP SLOPES, THE "J" HOOP METHOD SHOULD BE USED (AT 50 FT INTERVALS) TO CREATE PONDING AND PREVENT EROSION OF THE TRENCH BACKFILL OF SILT FENCE INSTALLATION.
 - 3.) ALL GRADED AND OTHERWISE DISTURBED AREAS SHALL BE STABILIZED WITHIN 15 DAYS IMMEDIATELY AFTER GRADING OR DISTURBANCE HAS CEASED.
 - 4.) PERMANENT IMPROVEMENTS SUCH AS STREETS, STORM SEWERS, CURB AND GUTTERS, AND OTHER FEATURES FOR CONTROL OF RUNOFF SHALL BE SCHEDULED COINCIDENTAL TO REMOVING VEGETATIVE COVER FROM THE AREA SO THAT LARGE AREAS ARE NOT LEFT EXPOSED BEYOND THE CAPACITY OF TEMPORARY CONTROL MEASURES.
 - 5.) TOP SOIL OR OTHER SOIL IS TO BE STOCKPILED FOR MORE THAN 30 DAYS, A TEMPORARY COVER OF ANNUAL RYE OR OTHER SUITABLE GRASS SHALL BE PLANTED.
 - 6.) RE-VEGETATION, RE-VEGETATION SHALL BE REQUIRED TO MEET THE FOLLOWING PERFORMANCE STANDARDS (SEDIMENT CONTROLS SHALL REMAIN IN PLACE UNTIL RE-VEGETATION IS ESTABLISHED) UNLESS OTHERWISE ALLOWED BY THE CITY ENGINEER:
 - TOPSOIL: A MINIMUM OF 4 INCHES OF TOPSOIL SHALL BE REQUIRED TO BE EITHER EXISTING OR INSTALLED IN AREAS TO BE REVEGETATED AS SET FORTH IN 8169.06(F)(6) BELOW. ANY APPLICATION OF TOPSOIL AND SEEDING UNDER THE DRIP LINE OF A TREE SHOULD BE MINIMIZED TO 3 INCHES SO AS NOT TO DAMAGE THE TREE'S ROOT SYSTEM.
 - ZERO TO 10% GRADE: RE-VEGETATION SHALL BE A MINIMUM OF SEEDING AND MULCHING. SAID SEEDING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUNOFF.
 - 10:1 UP TO 4:1 GRADE: RE-VEGETATION SHALL BE A MINIMUM OF HYDRO-SEEDING WITH MULCH AND FERTILIZER, SOD, OR GROUNDCOVER. SAID PLANTING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUNOFF.
 - 4:1 TO 3:1 GRADE: THE SLOPE SHALL BE COVERED WITH LANDSCAPE FABRIC AND HYDRO-SEEDING WITH MULCH AND FERTILIZER, OR STAKED SOD, OR GROUNDCOVER. SAID PLANTING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUNOFF.
 - MORE THAN 3:1 GRADE: ANY FINISH GRADE OVER 3:1 SHALL BE STABILIZED WITH ONE OR MORE OF THE FOLLOWING:
 - RETAINING WALLS; CRIBBING WITH LANDSCAPE FABRIC; TERRACING WITH GROUNDCOVER; RIPRAP; STAKED SOD (UP TO 2:1 SLOPE)
 - IF CRIBBING, TERRACING, OR RIPRAP IS USED, THE SLOPE'S STABILITY AND ERODIBILITY MUST BE EQUIVALENT TO OR BETTER THAN ITS PREDEVELOPMENT STATE.
 - 7.) PERMANENT EROSION CONTROL: THE DEVELOPER SHALL INCORPORATE PERMANENT EROSION CONTROL FEATURES AT THE EARLIEST PRACTICAL TIME. TEMPORARY EROSION CONTROL MEASURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOP DURING CONSTRUCTION THAT WERE UNFORESEEN DURING THE DESIGN STAGE, THAT ARE NEEDED PRIOR TO INSTALLATION OF PERMANENT EROSION CONTROL FEATURES, OR THAT ARE NEEDED TEMPORARILY TO CONTROL EROSION THAT DEVELOPS DURING NORMAL CONSTRUCTION PROJECTS, BUT ARE NOT ASSOCIATED WITH PERMANENT CONTROL FEATURES ON THE PROJECT.
 - 8.) DUST: WHERE EXCESSIVE DUST MAY BECOME A PROBLEM, A PLAN FOR SPRAYING WATER ON HEAVILY TRAVELED DIRT AREAS SHALL BE ADDRESSED.
 - 9.) CONSTRUCTION EXITS: A STABILIZED ROCK EXIT IS REQUIRED ON CONSTRUCTION SITES. ROCK EXITS MUST BE AT LEAST 20' WIDE BY 50' LONG BY 6" THICK STABILIZED ROCK HAVING A MINIMUM AVERAGE DIAMETER OF 3"; IF THERE IS AN EXISTING CURB, LOOSE MATERIAL SUCH AS FILL DIRT OR GRAVEL SHALL NOT BE USED TO RAMP UP TO IT FROM THE STREET. TEMPORARY WOODEN RAMPS IN FRONT OF CURBS ARE ACCEPTABLE.
 - 10.) DEBRIS, MUD, AND SOIL IN PUBLIC STREETS: DEBRIS, MUD AND SOIL SHALL NOT BE ALLOWED ON PUBLIC STREETS BUT IF ANY DEBRIS, MUD, OR SOIL FROM DEVELOPMENT SITES REACHES THE PUBLIC STREET IT SHALL BE IMMEDIATELY REMOVED VIA SWEEPING OR OTHER METHODS OF PHYSICAL REMOVAL. DEBRIS, MUD, OR SOIL IN THE STREET MAY NOT BE WASHED OFF THE STREET OR WASHED INTO THE STORM DRAINAGE SYSTEM. STORM DRAINAGE SYSTEMS DOWNSTREAM OF A DEVELOPMENT SITE SHOULD BE PROTECTED FROM DEBRIS, MUD, OR SOIL IN THE EVENT THAT DEBRIS, MUD, OR SOIL REACHES THE DRAINAGE SYSTEM.
 - 11.) FRANCHISE AND PRIVATE UTILITIES: THE PROPERTY OWNER OR MAIN CONTRACTOR ON-SITE WILL BE RESPONSIBLE FOR RESTORING ALL EROSION AND SEDIMENT CONTROL SYSTEMS AND PUBLIC INFRASTRUCTURE DAMAGED OR DISTURBED BY UNDERGROUND PRIVATE OR FRANCHISE UTILITY CONSTRUCTION SUCH AS WATER AND SEWER SERVICE LEADS, TELEPHONE, GAS, CABLE, ETC. EROSION AND SEDIMENT CONTROL SYSTEMS MUST BE IMMEDIATELY RESTORED AFTER EACH UTILITY CONSTRUCTION.

FEMA FLOOD PLAIN ZONE:
 THIS PROPERTY IS WITHIN THE FLOOD PLAIN ZONE 'X', (NO SHADING) DESIGNATED AS AN AREA DETERMINED TO BE OUTSIDE OF 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE F.I.R.M. MAP # 05143C0045F, PANEL 45 OF 575 WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. MAP REVISED: MAY 16, 2008.

NOTE:
 NO CHANGE MAY BE MADE TO THESE APPROVED PLANS WITHOUT PRIOR WRITTEN APPROVAL BY THE CITY OF FAYETTEVILLE.

WITHIN 40 DAYS OF PLACEMENT OF CURBS, THEY SHALL BE BACKFILLED, FINE GRADED WITH A MINIMUM OF 4-INCHES OF TOPSOIL, AND HYDROMULCHED OR SODDED WITH PERMANENT GRASSES.

ALL DISTURBED AREAS, THAT ARE NOT PAVED, SHALL BE TOPSOILED, SEEDED AND STRAWED UNTIL GRASS IS ESTABLISHED.

CONSTRUCTION SEQUENCE:

- 1.) INSTALL EROSION CONTROL.
- 2.) STRIP EXISTING TOP SOIL.
- 3.) PREPARE SUB-GRADE AND BASE MATERIAL.
- 4.) POUR CONCRETE AND ASPHALT.
- 5.) FINAL GRADING AND ESTABLISH VEGETATION.

- NOTES:**
- 1) NATURAL VEGETATION SHALL BE RETAINED WHEREVER POSSIBLE.
 - 2) SEED AND MULCH SHALL BE PLACED (BY OWNER) IN ALL AREAS WHERE VEGETATION IS DISTURBED.
 - 3) STRAW AND WOOD CHIPS SHALL BE PLACED TO PROVIDE TEMPORARY PROTECTION WHILE FINAL GRADING IS BEING COMPLETED.
- *WATTLES ARE USED AS ENERGY DISSIPATION DEVICES
 *WATTLES ARE USED TO CONTROL POLLUTANTS DURING STORM WATER DISCHARGE
 *WATTLES MUST BE MAINTAINED UNTIL SITE IS PERMANENTLY STABILIZED
- AREA OF SOIL DISTURBANCE: 14.38 ACRES

LEGEND

	PROPOSED FLOWLINE DIRECTION
	INLET PROTECTION
	ROCK CHECK DAM
	WIRED REINFORCED BURIED EDGE SILT FENCE
	MUD ABATEMENT ENTRANCE
	EXISTING CONTOURS
	PROPOSED CONTOURS
	AREA OF SOIL DISTURBANCE
	WATTLE

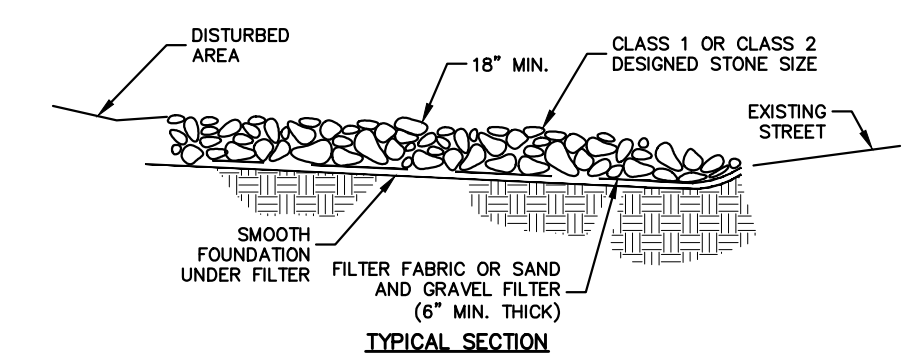
GRID
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 S
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 W

GRAPHIC REPRESENTATION ONLY
 SCALE 1" = 100'
 0 50' 100' 200'

REVISION	DATE	DESCRIPTION

SCALE: 1" = 100'
 DATE: Nov 1, 2022
 ENGINEER: BAF
 DRAWN BY: BAF
 W.O. #: 22902

20

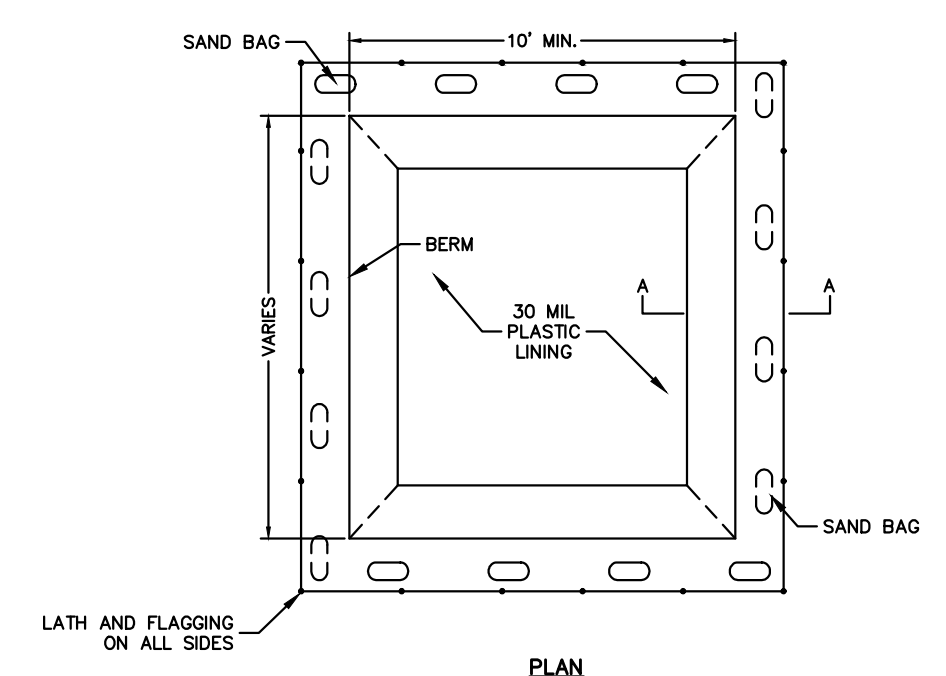
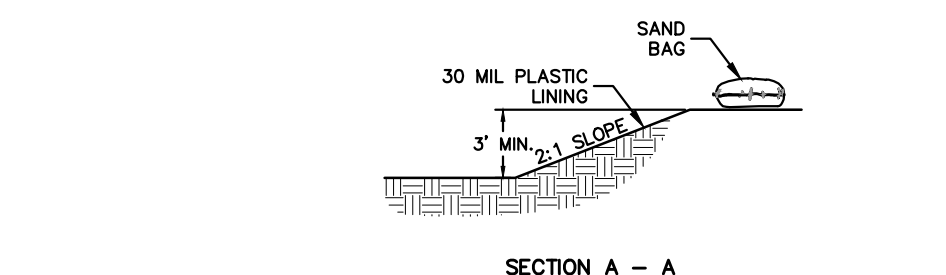


TYPICAL SECTION

NOTES:

- 1) MINIMUM THICKNESS SHALL BE 18" THE STONE DIAMETER, NEVER LESS THAN 5"
- 2) MINIMUM LENGTH SHALL BE 50'

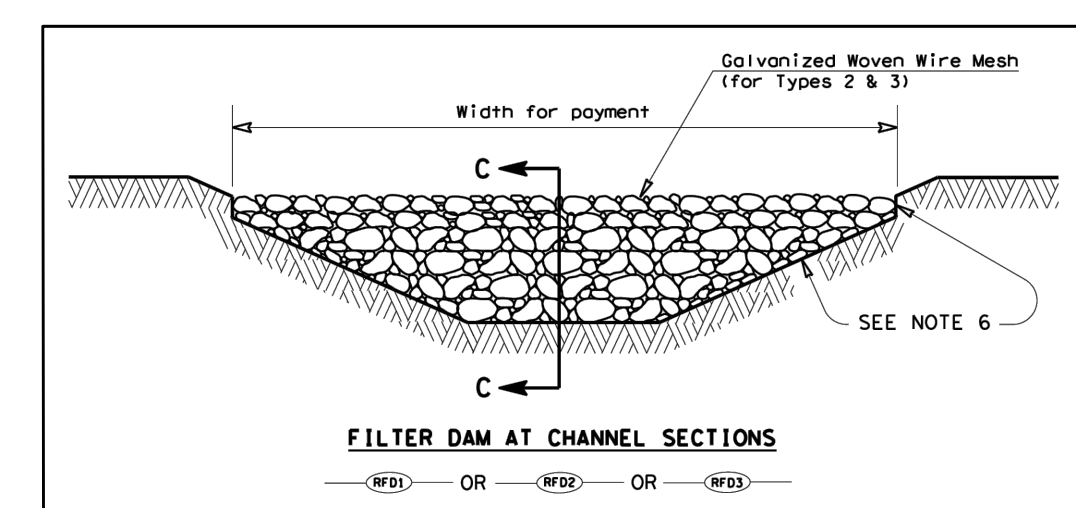
MUD ABATEMENT ENTRANCE
NOT TO SCALE



CONCRETE WASH-OUT AREA
NOT TO SCALE

NOTES:

- 1) LATH AND FLAGGING SHOULD BE COMMERCIAL TYPE.
- 2) PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 30 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.



FILTER DAM AT CHANNEL SECTIONS

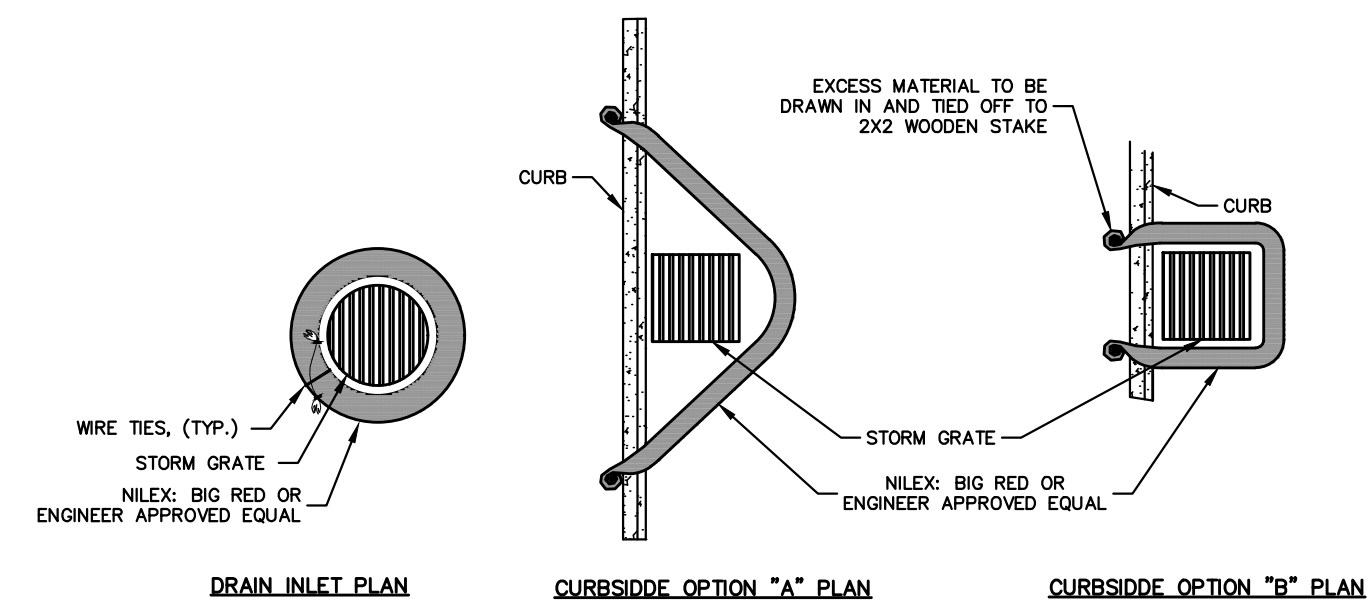
GENERAL NOTES

1. If shown on the plans or directed by the Engineer, filter dams should be placed near the toe of slopes where erosion is anticipated, upstream and/or downstream of drainage structures, and in roadway ditches and channels to collect sediment.
2. Materials (aggregate, wire mesh, sandbags, etc.) shall be as indicated by the specification for "Rock Filter Dams for Erosion and Sedimentation Control".
3. The rock filter dam dimensions shall be as indicated on the SWSP plans.
4. Side slopes should be 2:1 or flatter. Dams within the safety zone shall have sideslopes of 6:1 or flatter.
5. Maintain a minimum of 1" between top of rock filter dam weir and top of embankment for filter dams at sediment traps.
6. Filter dams should be embedded a minimum of 4" into existing ground.
7. The sediment trap for ponding of sediment laden runoff shall be of the dimensions shown on the plans.
8. Rock filter dam types 2 & 3 shall be secured with 20 gauge galvanized woven wire mesh with 1" diameter hexagonal openings. The aggregate shall be placed on the mesh to the height & slopes specified. The mesh shall be folded at the upstream side over the aggregate and tightly secured to itself on the downstream side using wire ties or hog rings. For in stream use, the mesh should be secured or staked to the stream bed prior to aggregate placement.
9. Sack Gabions should be staked down with 3/4" dia. rebar stakes, and have a double-twisted hexagonal weave with a nominal mesh opening of 2 1/2" x 3 1/4".
10. Flow outlet should be onto a stabilized area (vegetation, rock, etc.).
11. The guidelines shown hereon are suggestions only and may be modified by the Engineer.

Slope - Percent	Maximum Slope Length (ft) Above Fence	
	Standard (18" High) Silt Fence	Reinforced (30" High) Silt Fence
2 (or less)	150	250
5	100	250
10	50	150
15	35	100
20	25	70
25	20	55
30	15	45
35	15	40
40	15	35
45	10	30
50	10	25

NOTES:

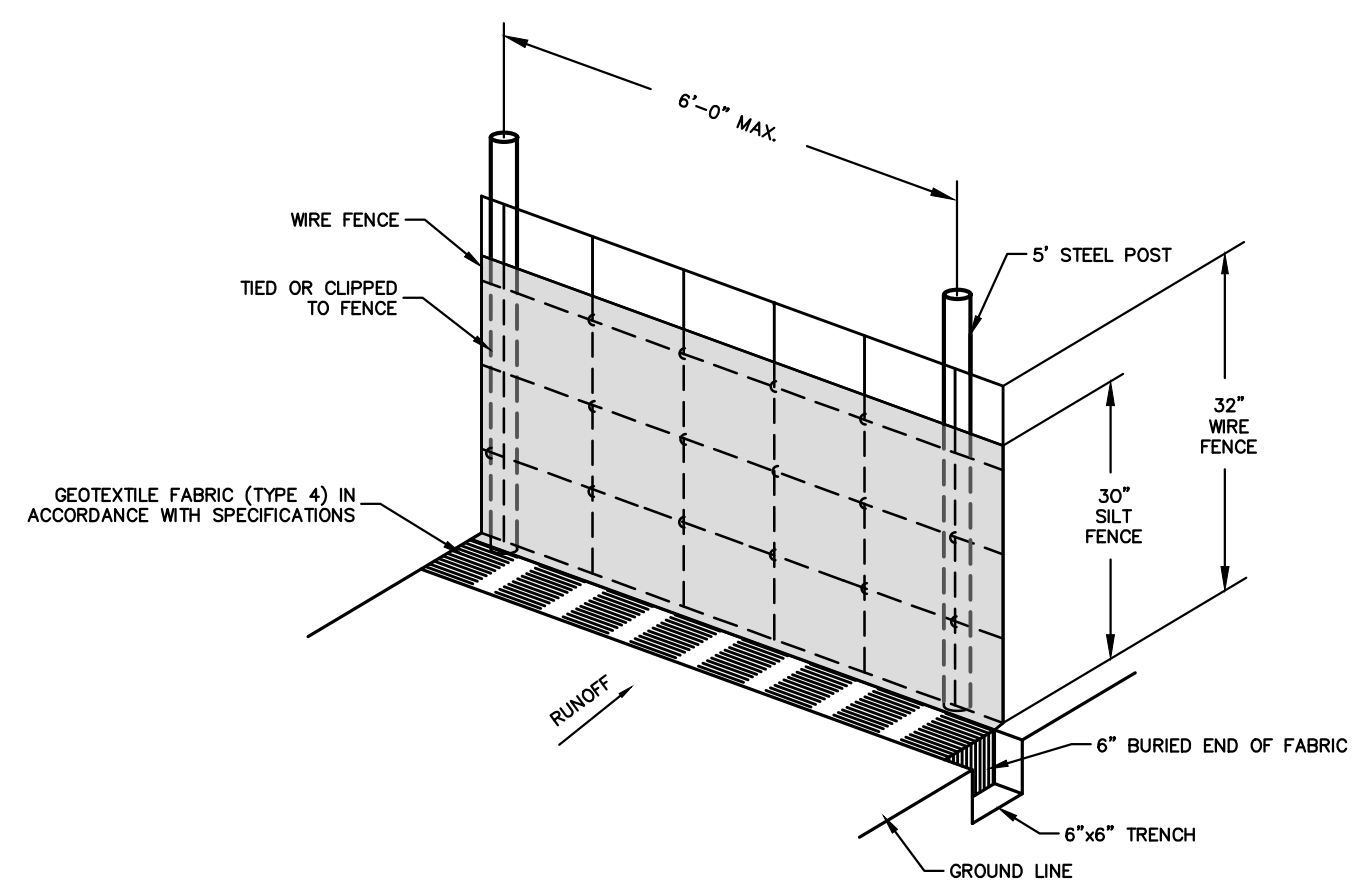
1. THE SLOPE LENGTH SHOWN IS THE DISTANCE FROM THE FENCE TO THE DRAINAGE DIVIDE OR THE NEAREST UPSLOPE CHANNEL.
2. SLOPE LENGTH CANNOT BE ADDRESSED BY USE OF MULTIPLE ROWS OF SILT FENCE.



INLET PROTECTION
NOT TO SCALE

NOTES:

- 1) ALL MATERIAL TO MEET SPECIFICATIONS.
- 2) NILEX-BIG RED TO MEET APPLICATION REQUIREMENTS.
- 3) COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.



SILT FENCE NOTES

1. POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. HERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT). WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS ATTACHED TO THE FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

WIRED REINFORCED BURIED EDGE SILT FENCE
NOT TO SCALE



STORM WATER POLLUTION PREVENTION DETAILS
DEER VALLEY SUBDIVISION
TONTITOWN, ARKANSAS

REVISION	DATE	DESCRIPTION

SCALE: NTS
DATE: Nov 1, 2022
ENGINEER: BAF
DRAWN BY: BAF
W.O. #: 22902