

CERTIFICATE OF APPROVAL

PURSUANT TO THE TONTITOWN SUBDIVISION REGULATIONS AND ALL OTHER CONDITIONS AND APPROVAL HAVING BEEN COMPLETED, THIS DOCUMENT IS HEREBY EXECUTED UNDER THE AUTHORITY OF THE SAID RULES AND REGULATIONS.

DATE OF EXECUTION _____

SIGNED _____
TONTITOWN PLANNING COMMISSION CHAIRMAN

SIGNED _____
MAYOR, CITY OF TONTITOWN

SIGNED _____
RECORDER/TREASURER CITY OF TONTITOWN

LOCAL UTILITY CONTACTS

CITY OF TONTITOWN
PLANNING AND ZONING DEPARTMENT
201 E. HENRI DE TONTI BLVD.
P.O. BOX 305
TONTITOWN, AR 72770
PH: (479) 361-2700 (EXT. 5)

BUILDING DEPARTMENT
201 E. HENRI DE TONTI BLVD.
P.O. BOX 305
TONTITOWN, AR 72770
PH: (479) 361-2700 (EXT. 5)

PARKS AND RECREATION
PH: (479) 361-2700

STREETS DEPARTMENT
235 W. HENRI DE TONTI BLVD.
P.O. BOX 305
TONTITOWN, AR 72770
PH: (479) 361-2996

TONTITOWN WATER UTILITY
235 E. HENRI DE TONTI BLVD.
TONTITOWN, AR 72770
PH: (479) 361-2700 (EXT. 2,3)

TONTITOWN AREA FIRE DEPARTMENT
P.O. BOX 305
TONTITOWN, AR 72770
PH: (479) 361-2700

GAS COMPANY
BLACK HILLS ENERGY
CONTACT: SCOTT STOKES
P.O. BOX 13288
FAYETTEVILLE, AR 72703-1002
PH: (479) 435-0229

TELEPHONE COMPANY
AT&T
CONTACT: LANE RHOADS
627 WHITE RD.
SPRINGDALE, AR 72766
PH: (479) 442-1977

CENTURYLINK
CONTACT: MIKE EDWARDS
PH: (479) 624-9943

ELECTRIC COMPANY
OZARKS ELECTRIC COOPERATIVE
CONTACT: MIKE PHIPPS
PH: (479) 841-2012

CABLE COMPANY
COX COMMUNICATIONS
CONTACT: CHRIS BYRD
4901 S. 48TH ST.
SPRINGDALE, AR 72762
PH: (479) 871-2431

CERTIFICATE OF PRELIMINARY SURVEY ACCURACY

I, JAMES CALDWELL, 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: 07-18-23

REGISTERED LAND SURVEYOR

STATE OF ARKANSAS REGISTRATION NO.

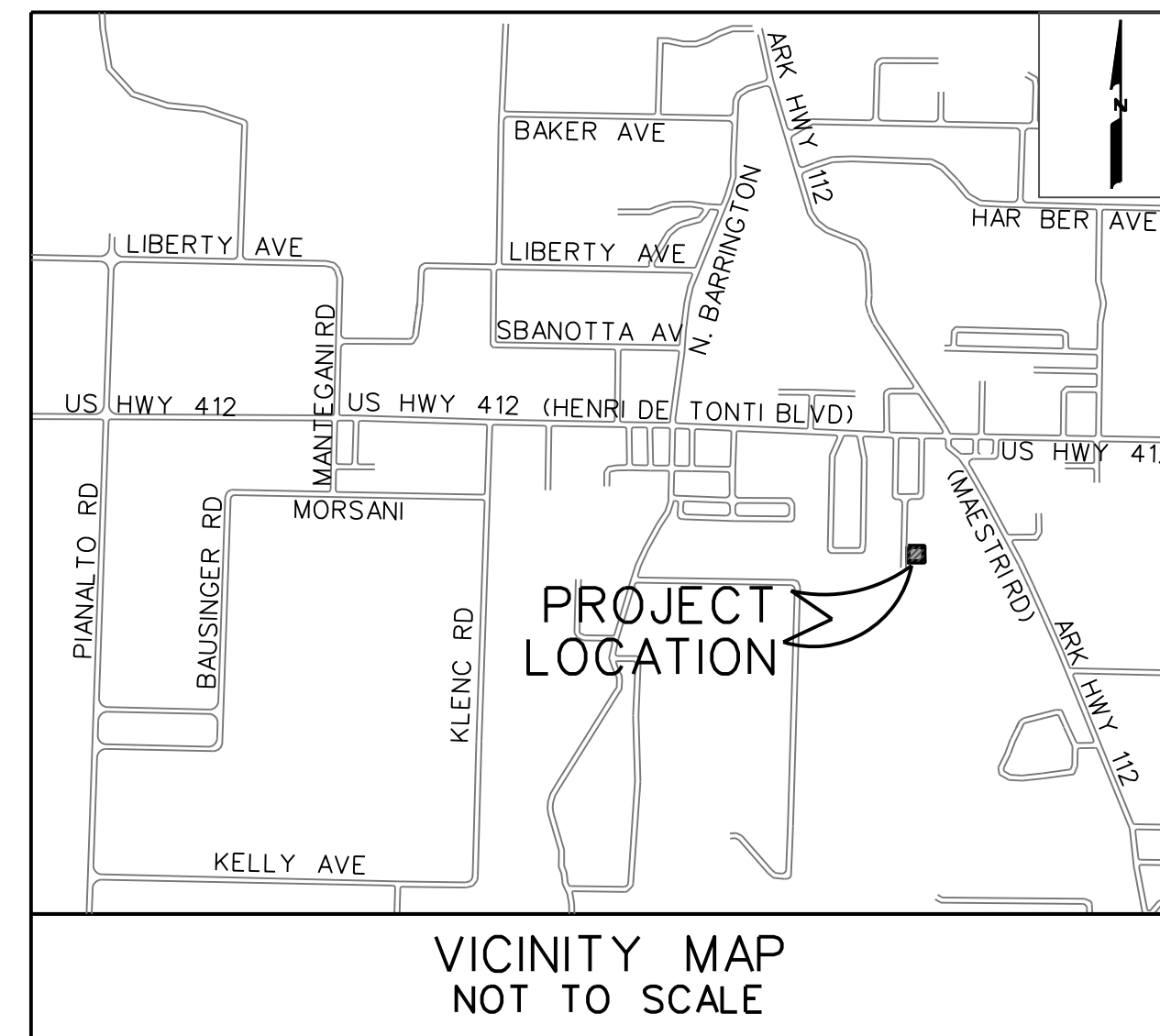
PS #1310

DEVELOPMENT PLANS

FOR

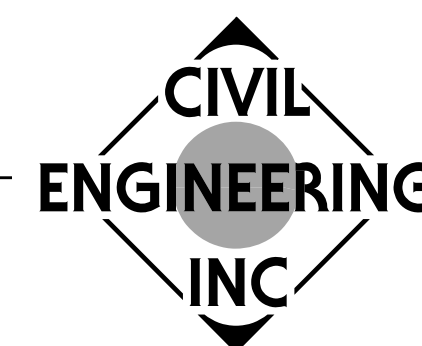
OLD OAK COMMERCIAL WAREHOUSE

TONTITOWN, ARKANSAS



PREPARED FOR
OLD OAK
COMMERCIAL, LLC

PO BOX 10620
FAYETTEVILLE, AR 72703
(479) 595-2618



701 S. MT. OLIVE, P.O. BOX 12
E-MAIL: mail@civilengineeringss.com

SILOAM SPRINGS, ARKANSAS 72761
(479)524-9956 OFC - (479)524-4747 FAX

APPROVAL:

CITY OF TONTITOWN PLANNING COMMISSION
CITY OF TONTITOWN WATER UTILITIES
SOUTHWESTERN BELL
OZARKS ELECTRIC
SOURCE GAS
ARKANSAS DEPARTMENT OF HEALTH
COX COMMUNICATIONS

DATE:

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- 7 WATER LINE 'W-1' & STORM DRAINAGE LINE 'D-4'
- 8 SEDIMENT AND EROSION CONTROL PLAN

DETAILS

- 1 STREET AND STORM SEWER DETAILS
- 2 WATER DETAILS
- 3 SEDIMENT AND EROSION CONTROL DETAILS

CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY

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

DATE OF EXECUTION: 07-18-23

Ron Homeyer
REGISTERED ENGINEER

STATE OF ARKANSAS REGISTRATION NO.
7731

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING WITH ARKANSAS ONE-CALL A MINIMUM OF TWENTY-FOUR (24) HOURS BEFORE ANY DIGGING BEGINS.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONDITIONS ON THE SITE DURING CONSTRUCTION AND MUST BE WITHIN INDUSTRY AND OSHA ACCEPTED STANDARDS FOR SAFETY AT ALL TIMES, INCLUDED BUT NOT LIMITED TO WORKING HOURS. THE ENGINEER SHALL NOT BE RESPONSIBLE TO MONITOR SAFETY STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION AND CONSTRUCTION MATERIALS, AT STATE AND FEDERALLY ACCEPTED SITES.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO NEIGHBORING PROPERTIES.
5. IN THE EVENT THAT THERE IS A QUESTION WITH REGARD TO THE DESIGN INTENT, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING IN ACCORDANCE WITH ALL REGULATORY AGENCY AND CITY CONSTRUCTION STANDARDS.

NOTES:

- 1 - NO PREVIOUS OVERFLOW OF SEWER OR SEPTIC SYSTEMS ON THIS SITE PER TONTITOWN PUBLIC WORKS DIRECTOR.
- 2 - NO VISIBLE EVIDENCE HAS BEEN OBSERVED THAT WOULD INDICATE THAT A WETLANDS EXISTS ON THIS PROPERTY. THE USFWS NATIONAL WETLANDS INVENTORY DOES NOT INDICATE THERE MAY BE WETLANDS PRESENT ON THIS SITE. NO FURTHER INVESTIGATION WILL BE REQUIRED TO CONFIRM THIS ASSESSMENT.
- 3 - NO KNOWN EXISTING EROSION PROBLEMS EXISTING ONSITE DOWNSTREAM FROM THIS SITE.
- 4 - NO KNOWN EXISTING OR ABANDONED WATER WELLS, SUMPS, CESSPOOLS, SPRINGS, WATER IMPOUNDMENTS, AND UNDERGROUND STRUCTURES EXIST ON THIS SITE.
- 5 - NO EXISTING OR PROPOSED GROUND LEASES EXIST ON THIS SITE.
- 6 - NO POTENTIALLY DANGEROUS AREAS EXIST ON THIS SITE.
- 7 - THIS SITE IS NOT LOCATED WITHIN A 100 YEAR FLOODPLAIN AND/OR FLOODWAY.

INSPECTIONS AND TESTING PROCEDURES

1. ALL FIELD TESTS REQUIRED FOR THE PROJECT SHALL BE WITNESSED BY THE CITY'S REPRESENTATIVE IN THE PRESENCE OF THE ENGINEER AND CONTRACTOR OR THEIR REPRESENTATIVE.
2. THE CITY WILL REQUIRE A MINIMUM OF 48 HOURS NOTICE ON ALL TESTS CALLS TO THE CITY FOR THE PURPOSE OF SETTING TEST TIMES SHOULD BE MADE BY 10:00 AM. TESTS DELAYED BY WEATHER OR OTHER FACTORS WILL BE RESCHEDULED ON THE SAME BASIS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE SCHEDULING OF SUCH TESTS WITH THE CITY AND CIVIL ENGINEERING INC.
4. ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED FOR TESTING SHALL BE FURNISHED BY THE CONTRACTOR.
5. PRIOR TO FINAL ACCEPTANCE BY THE CITY, THE PROJECT SHALL BE SUBJECT TO A JOINT FINAL INSPECTION BY A DESIGNATED REPRESENTATIVE OF THE CITY'S ENGINEERING OFFICE, A REPRESENTATIVE OF THE WATER AND SEWER MAINTENANCE DEPARTMENT, THE ENGINEER OF RECORD FOR THE PROJECT AND THE CONTRACTOR.

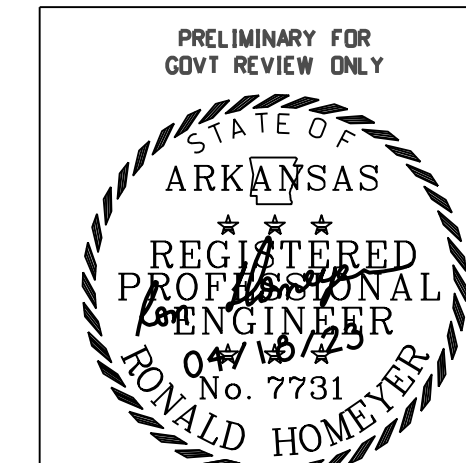
Survey By:
JAMES CALDWELL, PS #1310
609 South Oakhill
Siloam Springs, AR 72761
(479) 238-4069



Know what's below.
Call before you dig.

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NO.	PER CITY COMMENTS	RDH	DATE
1	PER CITY COMMENTS	RDH	09-19-23
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NO.	REVISIONS	BY	DATE

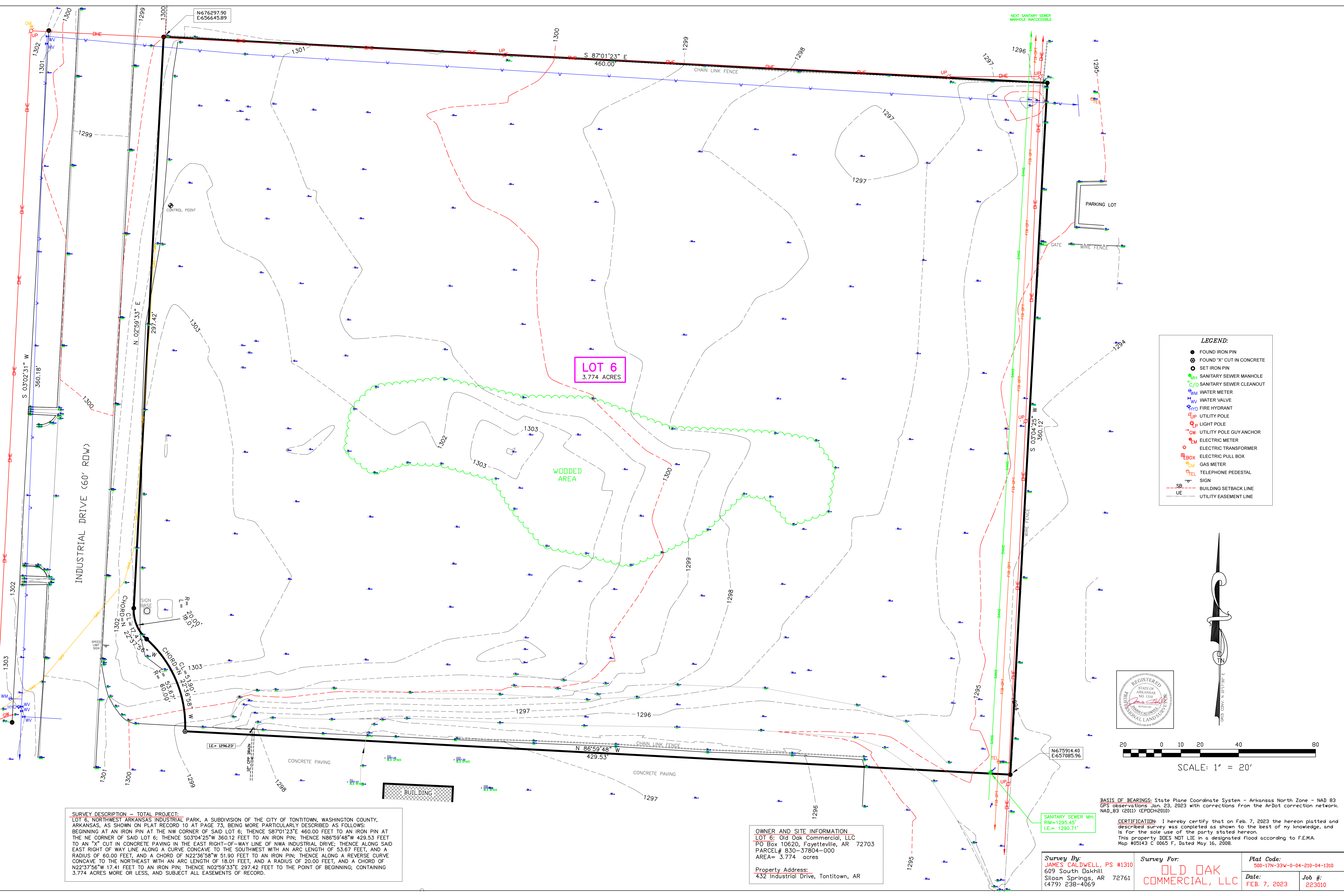


CIVIL ENGINEERING, INC.
P.O. Box 12, 701 S Mt Olive, Siloam Springs, Arkansas 72761
(479)524-9956 Phone or (479)524-4747 Fax
E-MAIL: mail@civilengineeringss.com

LARGE SCALE DEVELOPMENT PLANS FOR
OLD OAK COMMERCIAL WAREHOUSE
TONTITOWN, ARKANSAS

TITLE SHEET

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JTM	RDH	RDH	1 OF 8
JOB NUMBER	DATE	SCALE: NONE	
2313	JULY 2022		



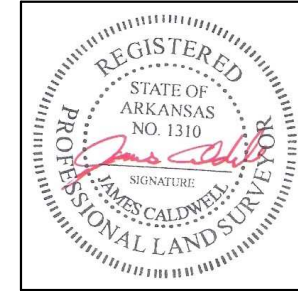
LOT 6
3.774 ACRES

WOODED AREA

INDUSTRIAL DRIVE (60' ROW)

LEGEND:

- FOUND IRON PIN
- ⊗ FOUND "X" CUT IN CONCRETE
- SET IRON PIN
- ⊕ SANITARY SEWER MANHOLE
- /○ SANITARY SEWER CLEANOUT
- ⊕ WM WATER METER
- ⊕ W WATER VALVE
- ⊕ HYD FIRE HYDRANT
- ⊕ UP UTILITY POLE
- ⊕ LP LIGHT POLE
- ⊕ GW UTILITY POLE GUY ANCHOR
- ⊕ EM ELECTRIC METER
- ⊕ ET ELECTRIC TRANSFORMER
- ⊕ EB ELECTRIC PULL BOX
- ⊕ GM GAS METER
- ⊕ TEL TELEPHONE PEDESTAL
- ⊕ SIGN
- - - SB BUILDING SETBACK LINE
- - - UE UTILITY EASEMENT LINE



SCALE: 1" = 20'

SURVEY DESCRIPTION - TOTAL PROJECT:
 LOT 6, NORTHWEST ARKANSAS INDUSTRIAL PARK, A SUBDIVISION OF THE CITY OF TONTITOWN, WASHINGTON COUNTY, ARKANSAS, AS SHOWN ON PLAT RECORD 10 AT PAGE 73, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 BEGINNING AT AN IRON PIN AT THE NW CORNER OF SAID LOT 6; THENCE S87°01'23"E 460.00 FEET TO AN IRON PIN AT THE NE CORNER OF SAID LOT 6; THENCE S03°04'25"W 360.12 FEET TO AN IRON PIN; THENCE N86°59'48"W 429.53 FEET TO AN "X" CUT IN CONCRETE PAVING IN THE EAST RIGHT-OF-WAY LINE OF NWA INDUSTRIAL DRIVE; THENCE ALONG SAID EAST RIGHT OF WAY LINE ALONG A CURVE CONCAVE TO THE SOUTHWEST WITH AN ARC LENGTH OF 53.67 FEET, AND A RADIUS OF 60.00 FEET, AND A CHORD OF N22°36'58"W 51.90 FEET TO AN IRON PIN; THENCE ALONG A REVERSE CURVE CONCAVE TO THE NORTHEAST WITH AN ARC LENGTH OF 18.01 FEET, AND A RADIUS OF 20.00 FEET, AND A CHORD OF N22°37'56"W 17.41 FEET TO AN IRON PIN; THENCE N02°59'33"E 297.42 FEET TO THE POINT OF BEGINNING, CONTAINING 3.774 ACRES MORE OR LESS, AND SUBJECT ALL EASEMENTS OF RECORD.

OWNER AND SITE INFORMATION
 LOT 6: Old Oak Commercial, LLC
 PO Box 10620, Fayetteville, AR 72703
 PARCEL# 830-37804-000
 AREA= 3.774 acres
 Property Address:
 432 Industrial Drive, Tontitown, AR

Survey By:
JAMES CALDWELL, PS #1310
 609 South Oakhill
 Siloam Springs, AR 72761
 (479) 238-4069

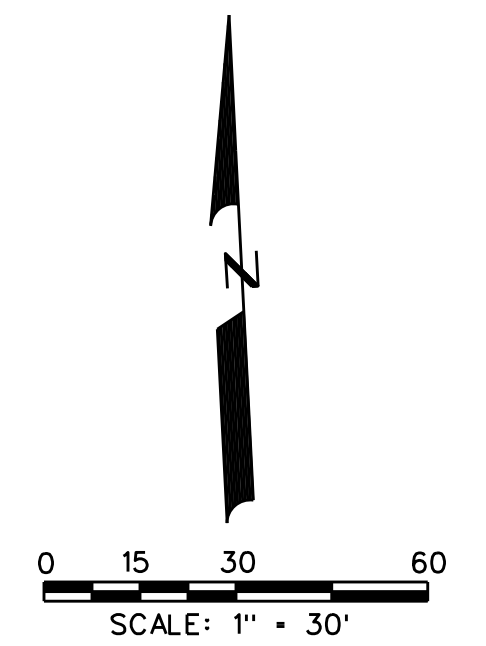
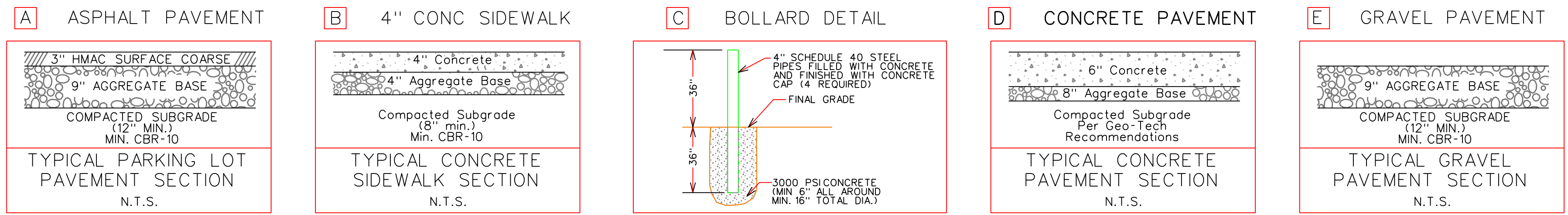
Survey For:
OLD OAK COMMERCIAL, LLC

Plat Code:
 500-17N-33W-0-04-210-04-1310
 Date:
FEB. 7, 2023
 Job #:
223010

BASIS OF BEARINGS: State Plane Coordinate System - Arkansas North Zone - NAD 83
 GPS observations Jan. 23, 2023 with corrections from the ArDot correction network.
 NAD_83 (2011) (EPDCH2010)

CERTIFICATION: I hereby certify that on Feb. 7, 2023 the hereon platted and described survey was completed as shown to the best of my knowledge, and is for the sole use of the party stated hereon.
 This property DOES NOT LIE in a designated flood according to F.E.M.A. Map #05143 C 0065 F, Dated May 16, 2008.

SANITARY SEWER MH:
 RIM=1295.45'
 I.E.= 1290.71'



- LEGEND**
- EXISTING INDEX CONTOUR (5')
 - EXISTING INTERMEDIATE CONTOUR (1')
 - PROPOSED INDEX CONTOUR (5')
 - PROPOSED INTERMEDIATE CONTOUR (1')
 - EASEMENT LINE
 - BUILDING SETBACK LINE
 - EX WIRE FENCE
 - FOUND 1/2" REBAR
 - SET 5/8" REBAR
 - FOUND "X" CHISEL IN CONCRETE
 - SITE BENCHMARK
 - PROPOSED BUILDING
 - PROPOSED ASPHALT PAVING
 - PROPOSED SIDEWALK
 - PROPOSED CONCRETE PAVING
 - PROPOSED GRAVEL PAVING
 - EX FIRE HYDRANT ASSEMBLY
 - EX WATER VALVE
 - EX WATER METER
 - EX STORM SEWER STRUCTURE
 - EX SANITARY SEWER MANHOLE
 - EX NATURAL GAS SIGN/METER
 - EX POWER/UTILITY POLE
 - EX UTILITY POLE ANCHOR
 - EX ELECTRIC BOX
 - EX TELEPHONE PEDESTAL
 - EX FIBER OPTIC PEDESTAL
 - EX BROADBAND PEDESTAL
 - PROPOSED WHEEL STOP
 - PROPOSED BOLLARD

NOTE:
 1 PAINT RED STRIPE ON PAVEMENT, STENCIL 4" WHITE TEXT THAT READS "FIRE LANE - NO PARKING"
 2 PROPOSED SCREENED DUMPSTER PAD - CONCRETE BLOCK WALL ENCLOSURE WITH METAL GATES

PARKING SPACES ANALYSIS:
 TOTAL BUILDING AREA - 70,750 SF
 PROPOSED BUILDING USE:
 OFFICE/WAREHOUSE
 5,000 S.F. OFFICE (BOTH)/65,750 S.F. STORAGE (BOTH)
 -OFFICE PARKING REQ'D - (1 SPACE PER 300 S.F.) (17 SPACES)
 -WAREHOUSE PARKING REQ'D - (1 SPACE PER 2,000 S.F. UP TO 50K) (25 SPACES)
 -WAREHOUSE REQ'D - 1 SPACE PER 10,000 S.F. OVER 50K (2 SPACES)

TOTAL PARKING REQUIRED - 44 SPACES
 TOTAL PARKING PROVIDED (INCLUDING HANDICAP) - 45 SPACES
 TOTAL HANDICAP PARKING REQUIRED - 1 SPACE
 TOTAL HANDICAP PARKING PROVIDED - 2 SPACES

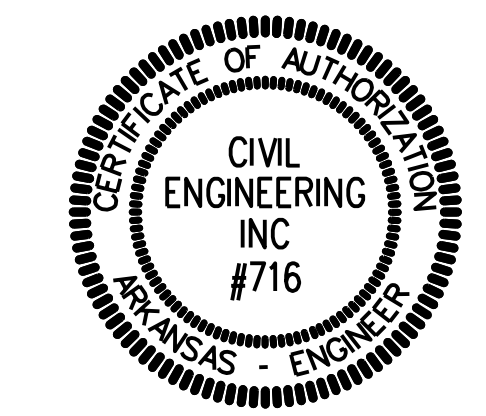
EXISTING ZONING:
 C-2

PROPOSED BUILDING USE:
 OFFICE/WAREHOUSE

MAXIMUM IMPERVIOUS (STRUCTURES):
 BUILDING AREA - 70,750 SF
 LOT AREA - 164,397 SF
 MAX ALLOWED - 0.60 MAX
 ACTUAL - 0.4304

GREENSPACE:
 TOTAL GREEN SPACE - 59,838 SF
 LOT AREA - 164,397 SF
 GREENSPACE REQUIRED - 15% MIN
 ACTUAL GREENSPACE - 36.40%

TONTITOWN C-2 ZONING:
 FRONT 25'
 SIDE 10'
 REAR 25'



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 P.O. Box 12, 701 S Mt Olive, Siloam Springs, Arkansas 72761
 (479)524-9956 Phone or (479)524-4747 Fax
 E-MAIL: mail@civilengineeringss.com

**DEVELOPMENT PLANS FOR
 OLD OAK COMMERCIAL WAREHOUSE
 TONTITOWN, ARKANSAS**

SITE PLAN

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JTM	RDH	RDH	3 OF 8
JOB NUMBER	DATE	SCALE: 1"=30' H 1"=150' V	
2313	JULY 2023	1"=30' H 1"=150' V	

SITE INFORMATION:
 APPROXIMATE AREA: 3.774 ACRES
 PARCEL NO: 830-37804-000

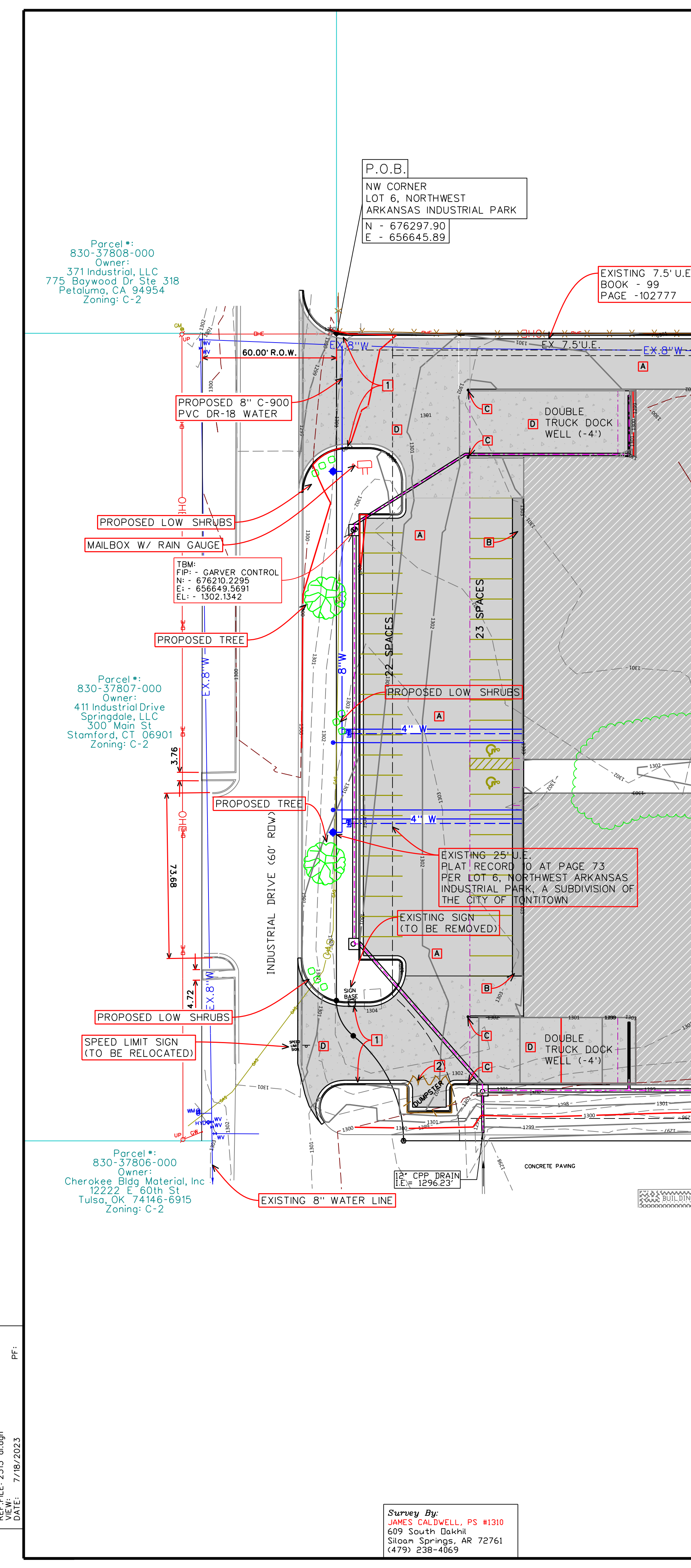
OWNER/DEVELOPER:
 OLD OAK COMMERCIAL, LLC
 PO BOX 10620
 FAYETTEVILLE, AR 72703

PROJECT ADDRESS:
 432 INDUSTRIAL DRIVE
 TONTITOWN, AR

SURVEY DESCRIPTION - TOTAL PROJECT:
 LOT 6, NORTHWEST ARKANSAS INDUSTRIAL PARK, A SUBDIVISION OF THE CITY OF TONTITOWN, WASHINGTON COUNTY, ARKANSAS, AS SHOWN ON PLAT RECORD 10 AT PAGE 73, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
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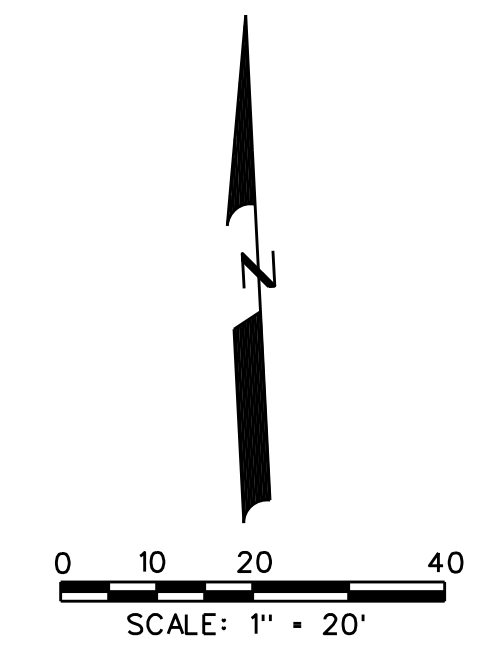
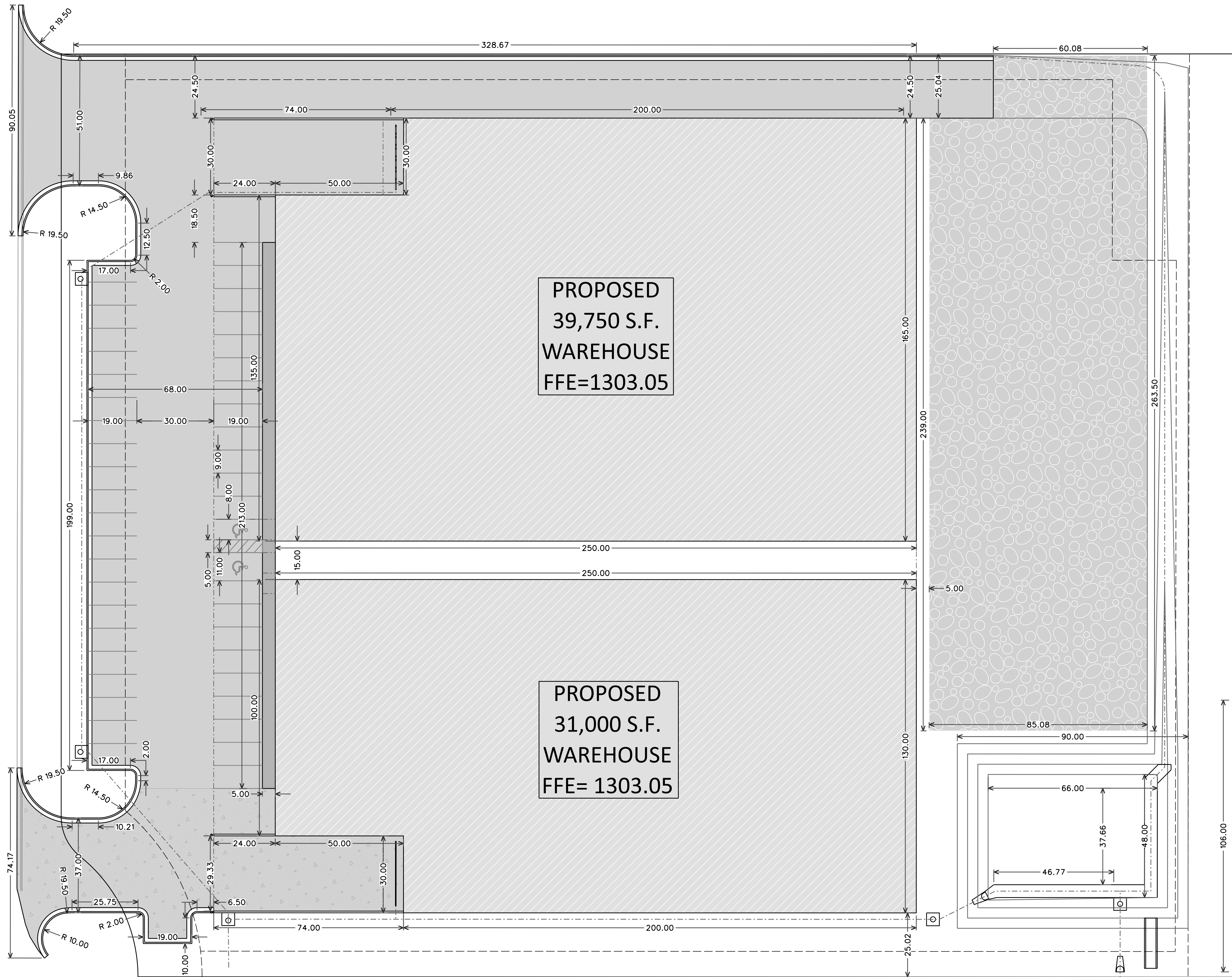
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 This property DOES NOT LIE in a designated Flood according to F.E.M.A. Map #05143 C 0065 F, Dated May 16, 2008.



FILE: 2313_03_Site_Plan.dgn
 REF: 2313_03.dwg
 VIEW: 2313_03.dwg
 DATE: 7/18/2023

Survey By:
 JAMES CALDWELL, PS #1310
 609 South Oakhill
 Siloam Springs, AR 72761
 (479) 238-4069



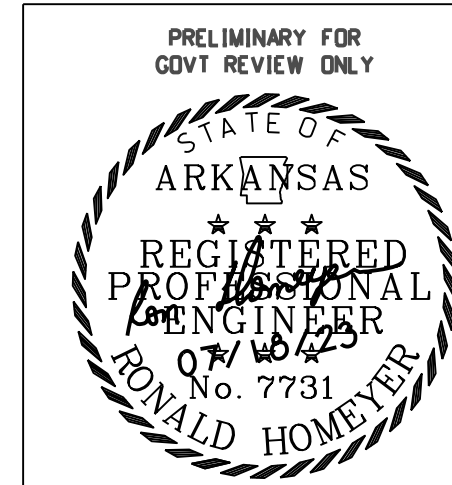
LEGEND

- EXISTING INDEX CONTOUR (5')
- EXISTING INTERMEDIATE CONTOUR (1')
- PROPOSED INDEX CONTOUR (5')
- PROPOSED INTERMEDIATE CONTOUR (1')
- EASEMENT LINE
- BUILDING SETBACK LINE
- ▨ PROPOSED BUILDING
- ▨ PROPOSED ASPHALT PAVING
- ▨ PROPOSED SIDEWALK
- ▨ PROPOSED CONCRETE PAVING
- ▨ PROPOSED GRAVEL PAVING
- ⊕ EX FIRE HYDRANT ASSEMBLY
- ⊕ EX WATER VALVE
- ⊕ EX WATER METER
- ⊕ EX STORM SEWER STRUCTURE
- ⊕ EX SANITARY SEWER MANHOLE
- ⊕ EX NATURAL GAS SIGN/METER
- ⊕ EX POWER/UTILITY POLE
- ⊕ EX UTILITY POLE ANCHOR
- ⊕ EX ELECTRIC BOX
- ⊕ EX TELEPHONE PEDESTAL
- ⊕ EX FIBER OPTIC PEDESTAL
- ⊕ EX BROADBAND PEDESTAL
- ▬ PROPOSED WHEEL STOP
- PROPOSED BOLLARD

DEFINITIONS:
 P.O.B. - POINT OF BEGINNING
 P.O.C. - POINT OF COMMENCEMENT
 U.E. - UTILITY EASEMENT
 B.L. - BUILDING LINE
 D.E. - DRAINAGE EASEMENT
 FL - FLOW LINE
 I.E. - INVERT ELEVATION
 T-RIM - TOP OF RIM
 R - RADIUS
 EX - EXISTING
 R.O.W. - RIGHT OF WAY
 F.H.A. - FIRE HYDRANT ASSEMBLY
 G.P.M. - GALLONS PER MINUTE
 S.F. - SQUARE FEET

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NO.	PER CITY COMMENTS	REVISIONS	BY	DATE
1	PER CITY COMMENTS		RDH	09-19-23
2	PER CITY COMMENTS		RDH	10-10-23



This document was originally issued and sealed by Ronald Homeyer, P.E. 7731 on July 18, 2023

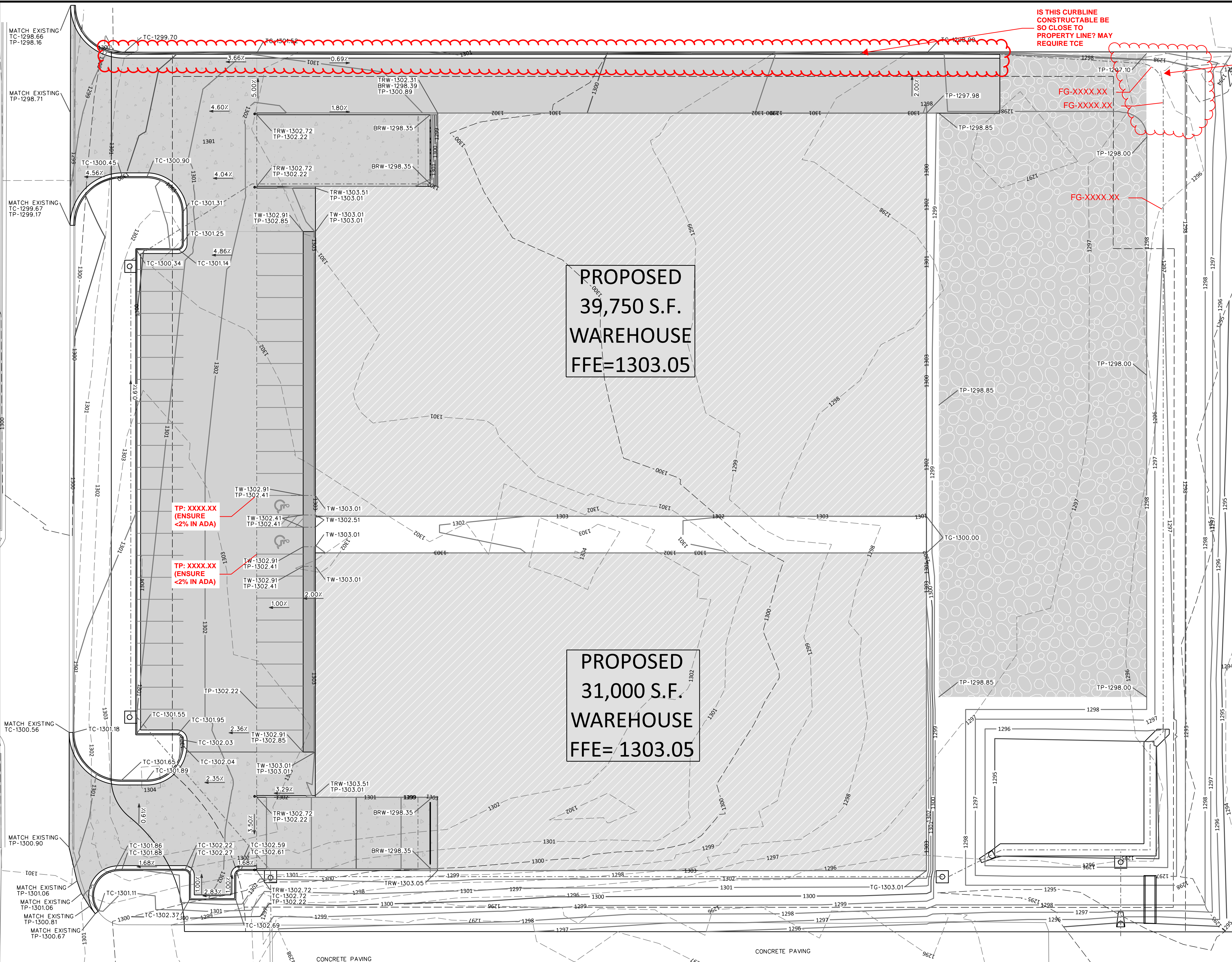
CIVIL ENGINEERING, INC.
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DEVELOPMENT PLANS FOR
OLD OAK COMMERCIAL WAREHOUSE
TONTITOWN, ARKANSAS

DIMENSION PLAN

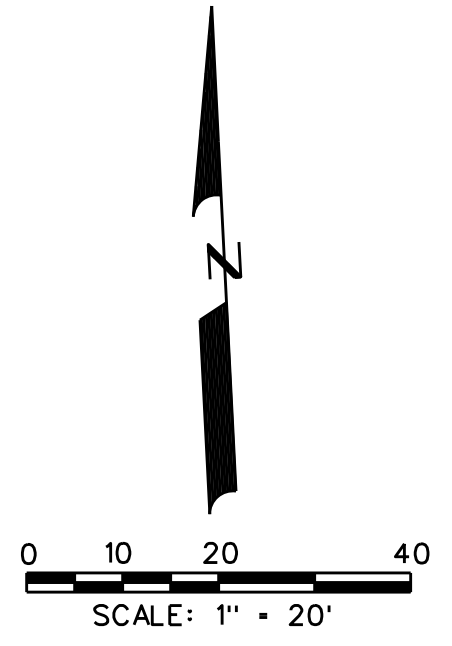
DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JTM	RDH	RDH	4 OF 8
JOB NUMBER	DATE	SCALE: 1"=20' H 1"=20' V	
2313	JULY 2023		

FILE: 2313_03 Dimension Plan.dgn
 REF: FILE: 2313 @.dgn
 VIEW:
 DATE: 7/18/2023



IS THIS CURBLINE
CONSTRUCTABLE BE
SO CLOSE TO
PROPERTY LINE? MAY
REQUIRE TCE

HARD TO TELL FROM
GRADES, RUNOFF
FROM CURB APPEARS
TO BYPASS DRAINAGE
SWALE AND DRAIN TO
THE NE. PLEASE ADD
ADDITIONAL SPOT
GRADES TO ENSURE
RUNOFF WILL FLOW
INTO POND AND NOT
BYPASS.



LEGEND

- EXISTING INDEX CONTOUR (5')
- EXISTING INTERMEDIATE CONTOUR (1')
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- ⊕ EX TELEPHONE PEDESTAL
- ⊕ EX FIBER OPTIC PEDESTAL
- ⊕ EX BROADBAND PEDESTAL
- ▭ PROPOSED WHEEL STOP
- PROPOSED BOLLARD

**PROPOSED
39,750 S.F.
WAREHOUSE
FFE=1303.05**

**PROPOSED
31,000 S.F.
WAREHOUSE
FFE= 1303.05**

TP-XXXX.XX
(ENSURE
<2% IN ADA)

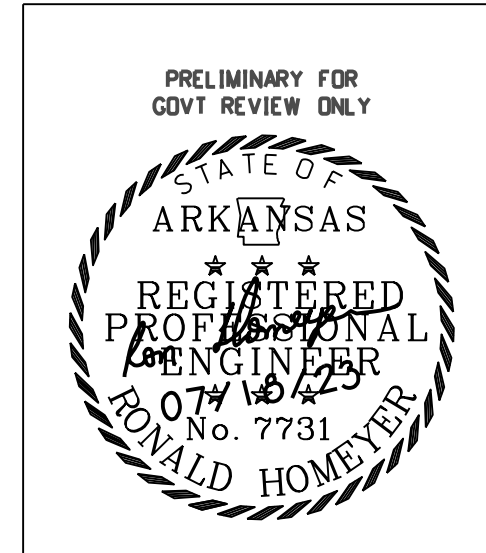
TP-XXXX.XX
(ENSURE
<2% IN ADA)

ADA ACCESSIBLE PARKING TO
HAVE MAXIMUM 2% CROSS
SLOPE IN ANY DIRECTION

- DEFINITIONS:**
- B.L. - BUILDING LINE
 - BRW - BOTTOM OF RETAINING WALL
 - D.E. - DRAINAGE EASEMENT
 - EL - ELEVATION
 - EX - EXISTING
 - FES - FLARED END SECTION
 - F.H.A. - FIRE HYDRANT ASSEMBLY
 - FL - FLOW LINE
 - G.P.M. - GALLONS PER MINUTE
 - HE - HORIZONTAL ELLIPTICAL
 - IE - INVERT ELEVATION
 - LF - LINEAL FEET
 - R - RADIUS
 - RCP - REINFORCED CONCRETE PIPE
 - R.O.W. - RIGHT OF WAY
 - S.F. - SQUARE FEET
 - SRRS - SET RAILROAD SPIKE
 - TC - TOP OF CURB
 - TOG - TOP OF GROUND
 - TP - TOP OF PAVEMENT
 - T-RIM - TOP OF RIM
 - TRW - TOP OF RETAINING WALL
 - TW - TOP OF WALK
 - U.E. - UTILITY EASEMENT
 - U.G.E. - UNDERGROUND ELECTRIC

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1	PER CITY COMMENTS	RDH	09-19-23
2	PER CITY COMMENTS	RDH	10-10-23
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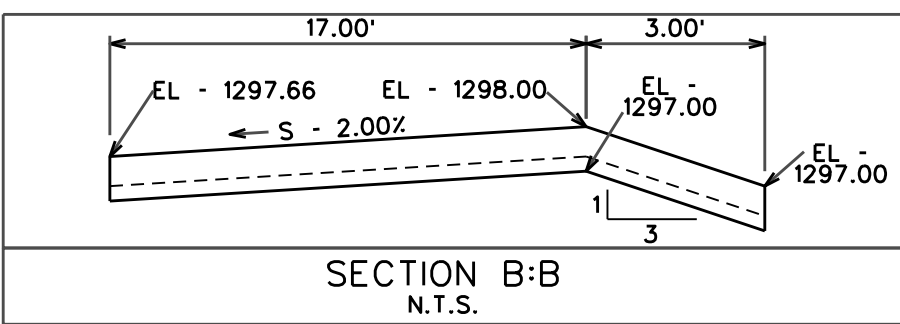
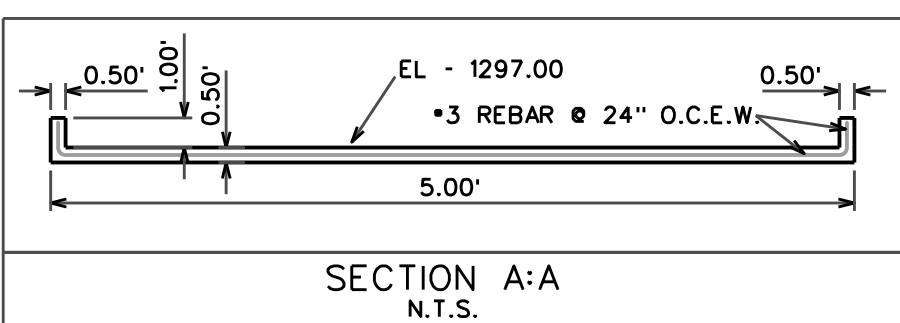
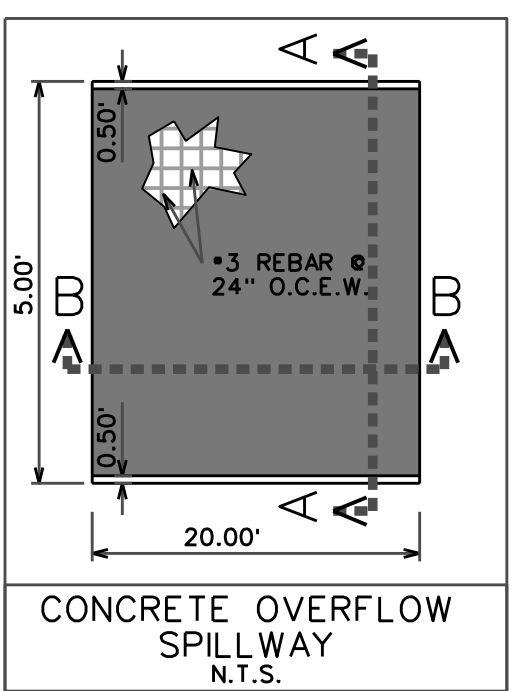
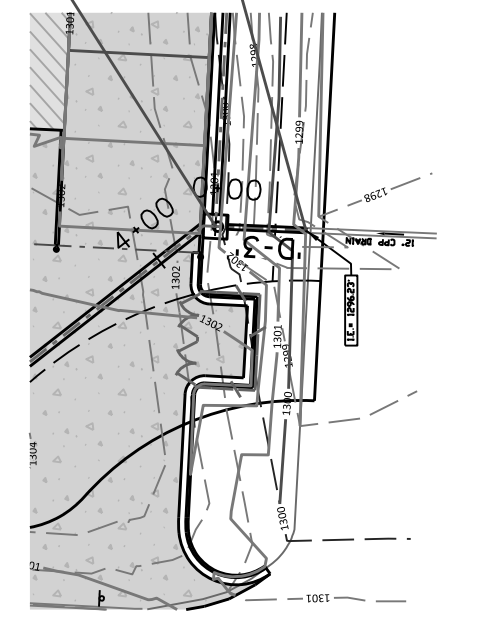
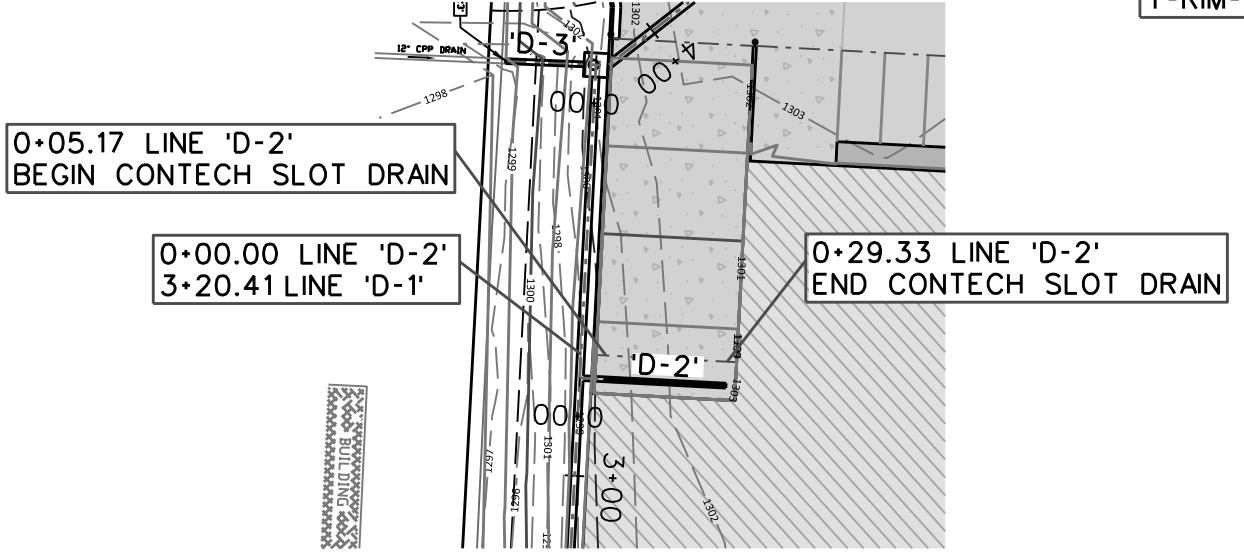
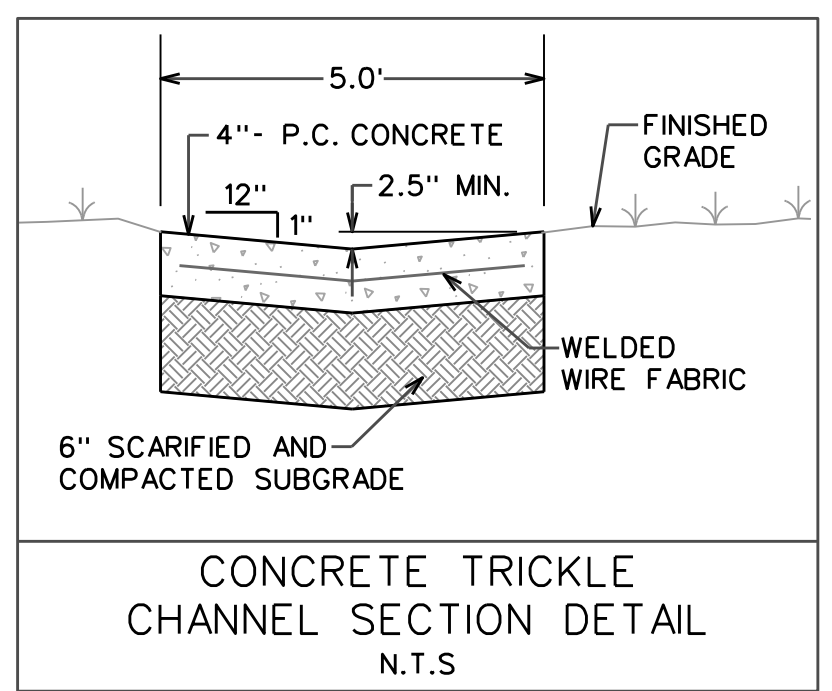
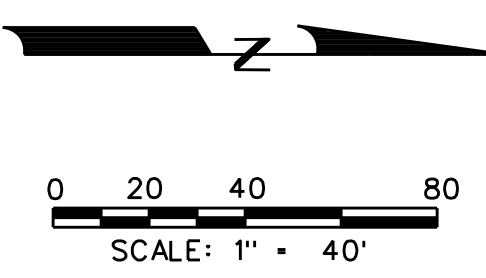
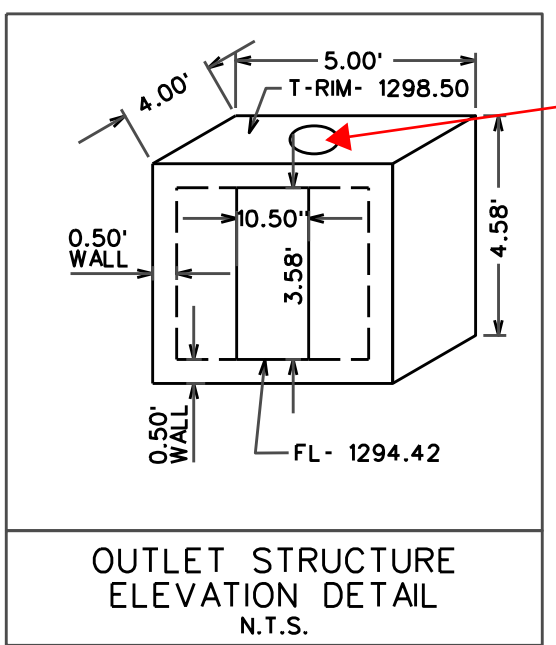
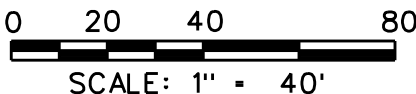
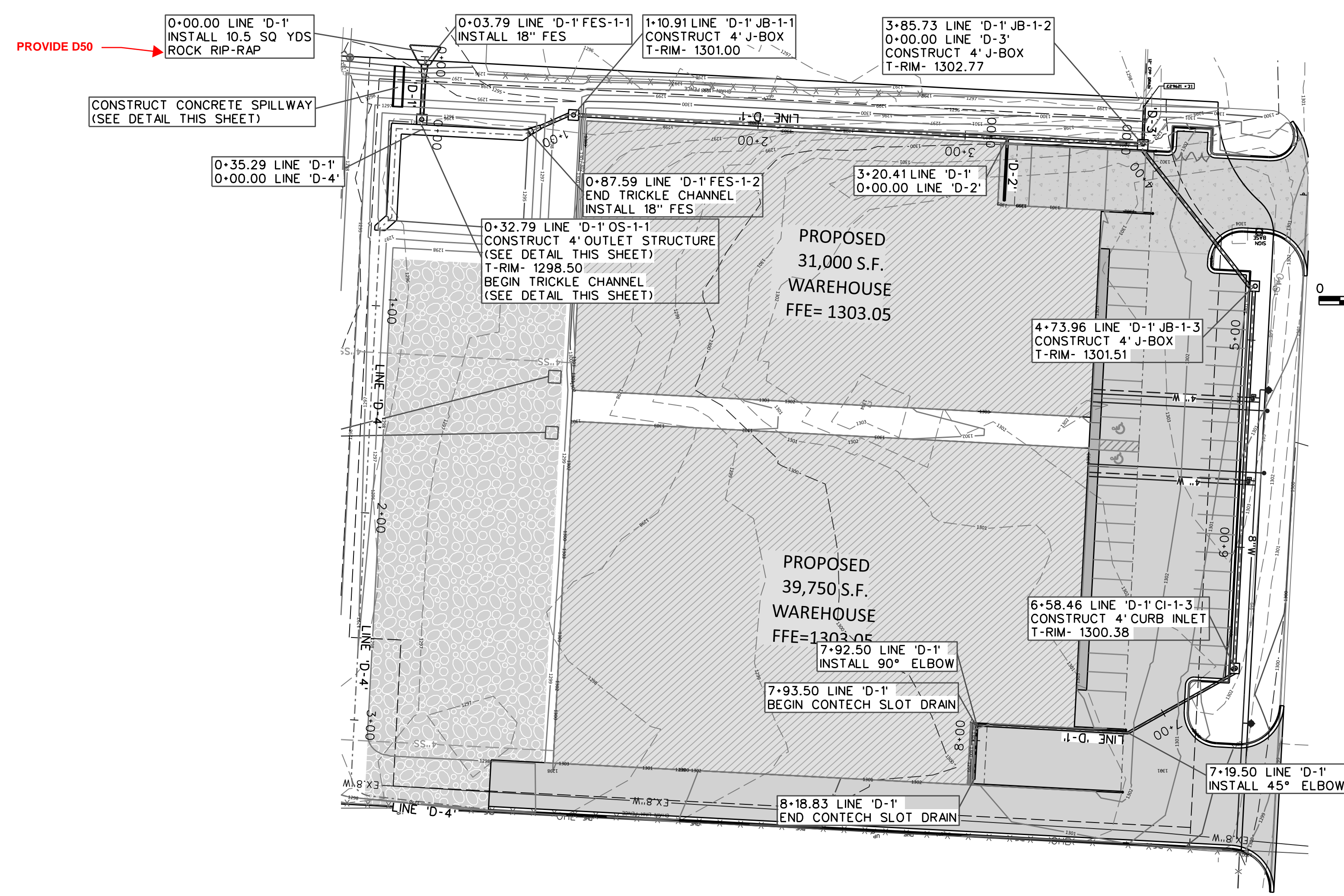
**DEVELOPMENT PLANS FOR
OLD OAK COMMERCIAL, LLC
TONTITOWN, ARKANSAS**

GRADING PLAN

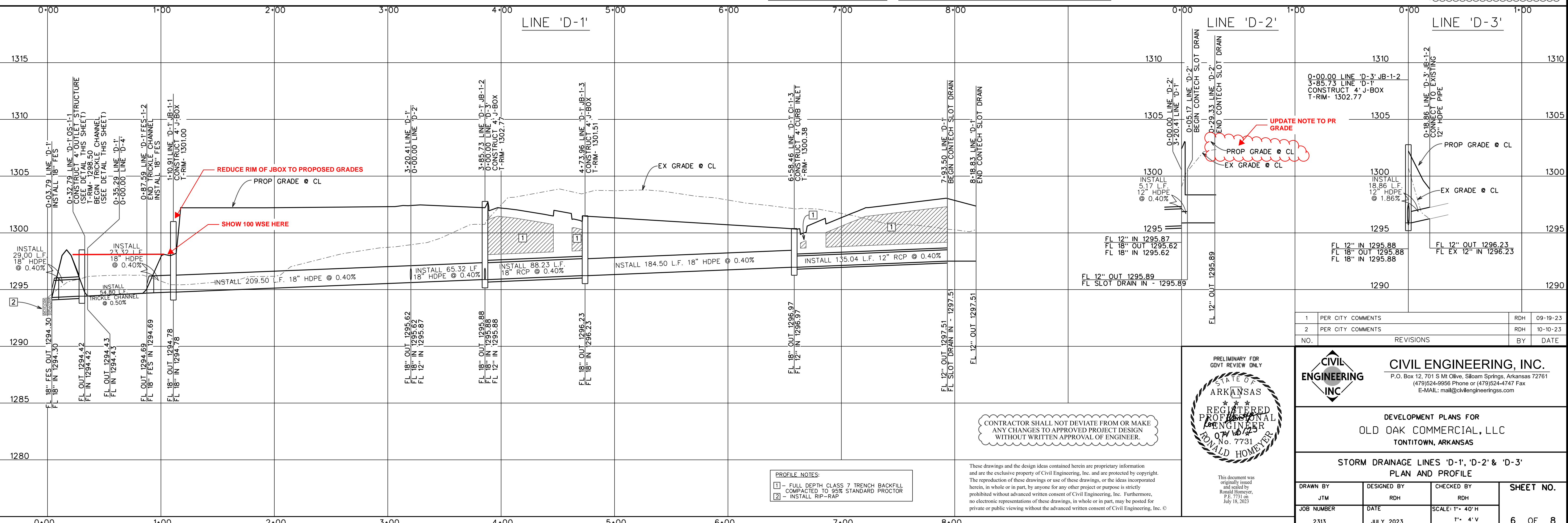
DRAWN BY JTM	DESIGNED BY RDH	CHECKED BY RDH	SHEET NO.
JOB NUMBER 2313	DATE JULY 2023	SCALE: 1"=20' H 1" = 40' V	5 OF 8

FILE: 2313_04_Civlengr Plan.dgn
REF: 2313_04.dgn
VIEW: 2313_04.dgn
DATE: 7/18/2023

This document was
originally issued
and sealed by
Ronald Homeyer,
P.E. 7731 on
July 18, 2023

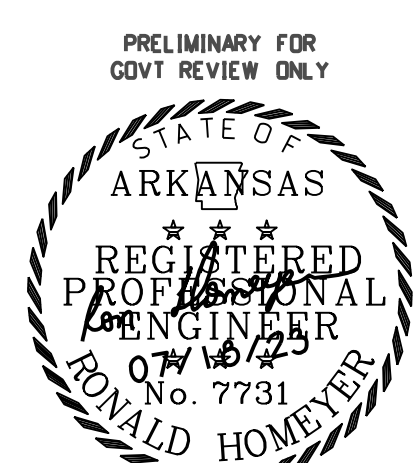


NOTE:
CONTRACTOR SHALL VERIFY ALL GRADES AND EXISTING ELEVATIONS PRIOR TO ANY CONSTRUCTION.



PROFILE NOTES:
 [1] - FULL DEPTH CLASS 7 TRENCH BACKFILL COMPACTED TO 95% STANDARD PROCTOR
 [2] - INSTALL RIP-RAP

CONTRACTOR SHALL NOT DEVIATE FROM OR MAKE ANY CHANGES TO APPROVED PROJECT DESIGN WITHOUT WRITTEN APPROVAL OF ENGINEER.

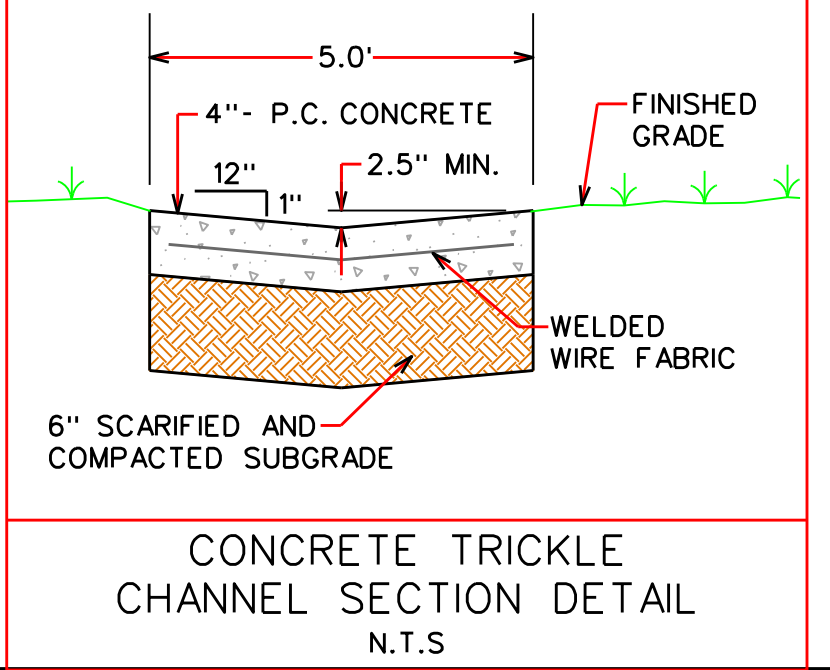
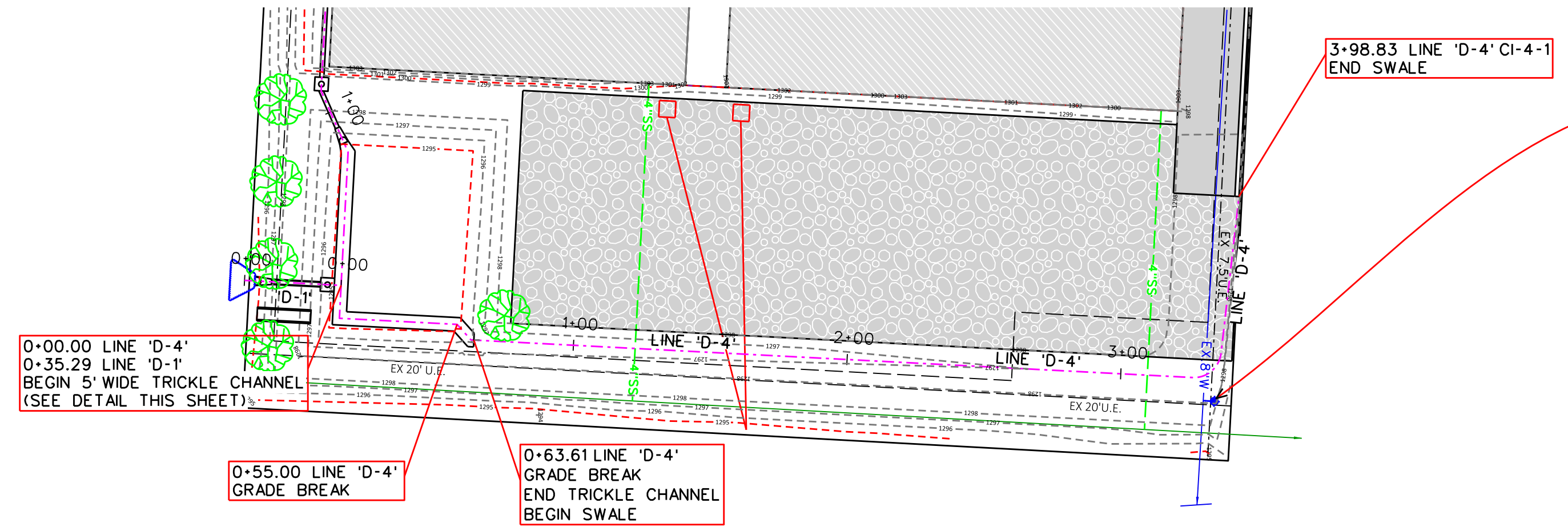
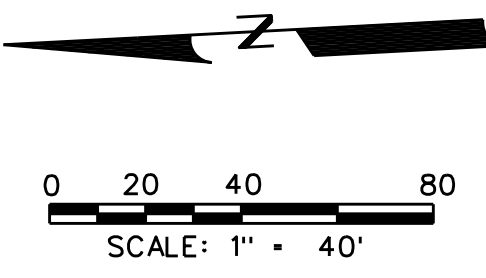
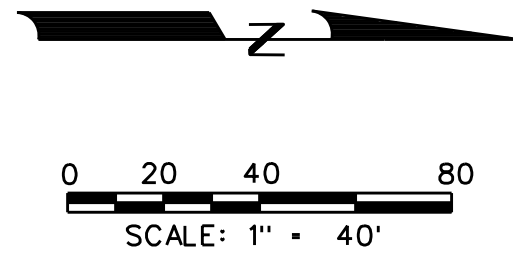


PRELIMINARY FOR GOVT REVIEW ONLY

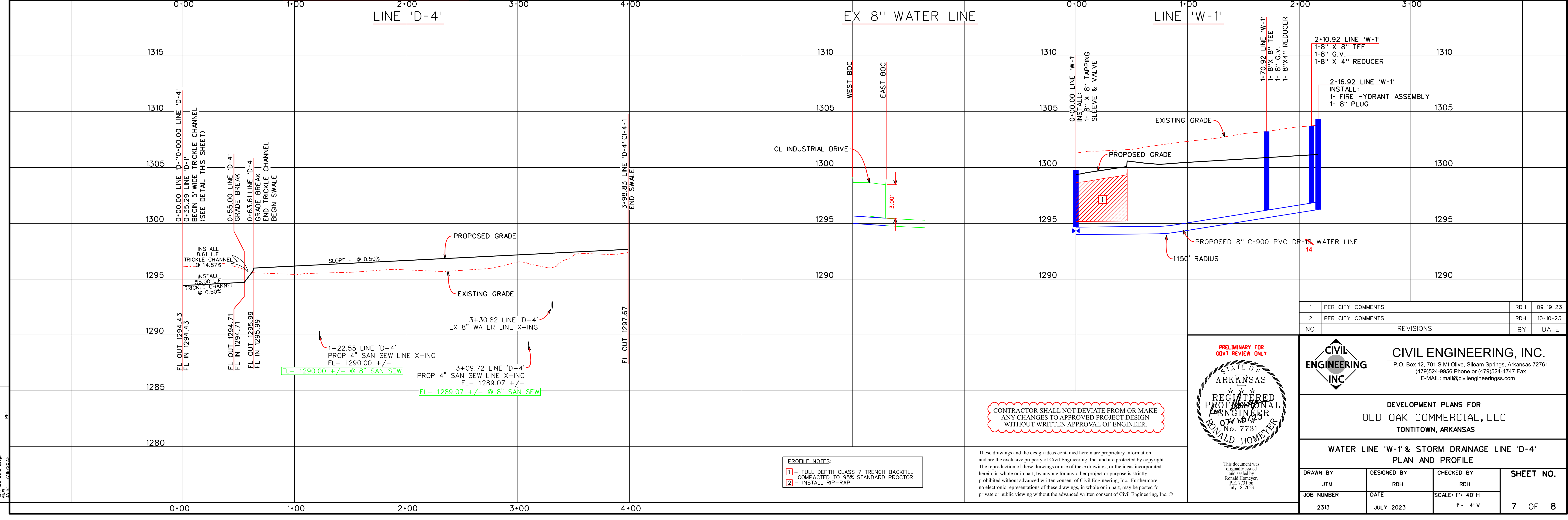
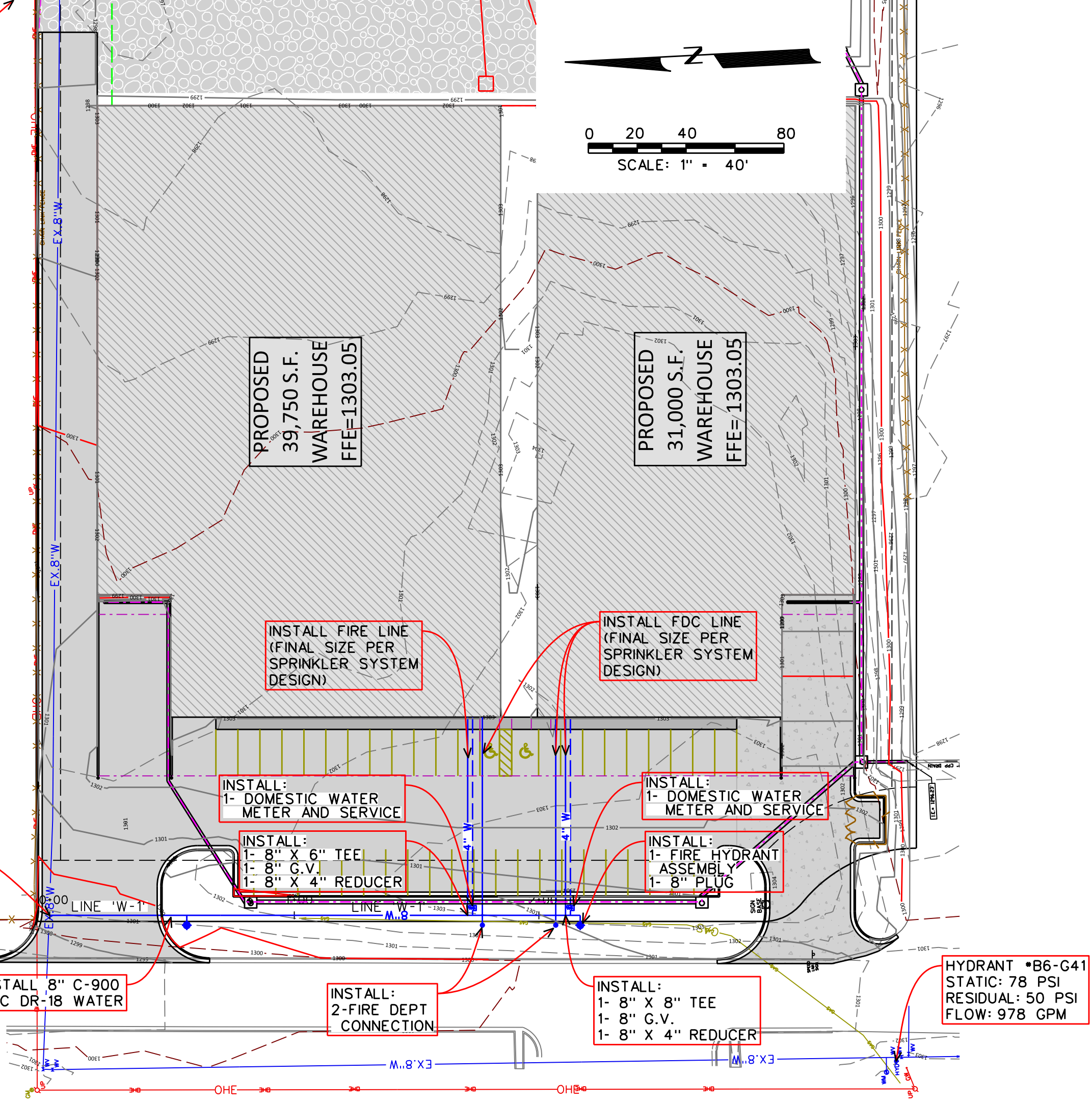
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 (479)524-9956 Phone or (479)524-4747 Fax
 E-MAIL: mail@civilengineerings.com

DEVELOPMENT PLANS FOR OLD OAK COMMERCIAL, LLC TONTITOWN, ARKANSAS			
STORM DRAINAGE LINES 'D-1', 'D-2' & 'D-3' PLAN AND PROFILE			
DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JTM	RDH	RDH	6 OF 8
JOB NUMBER	DATE	SCALE: 1" = 40' H	
2313	JULY 2023	1" = 4' V	

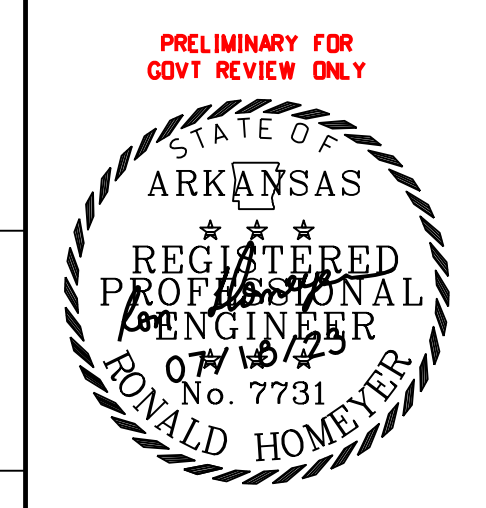
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NOTE:
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DEVELOPMENT PLANS FOR
OLD OAK COMMERCIAL, LLC
TONTITOWN, ARKANSAS

**WATER LINE 'W-1' & STORM DRAINAGE LINE 'D-4'
PLAN AND PROFILE**

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JTM	RDH	RDH	7 OF 8
JOB NUMBER	DATE	SCALE: 1" = 40' H 1" = 4' V	
2313	JULY 2023		

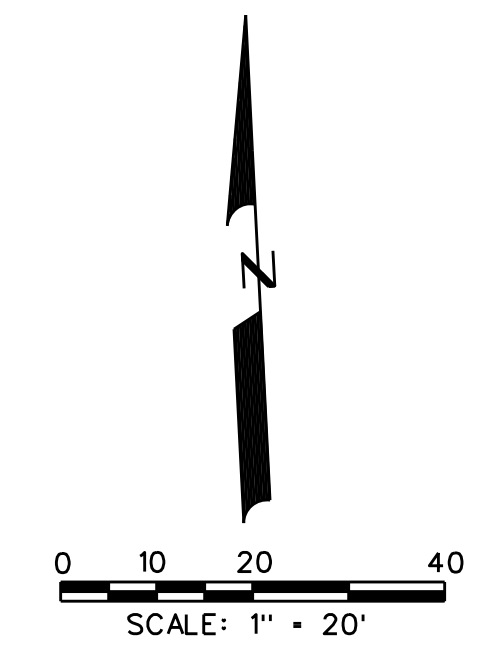
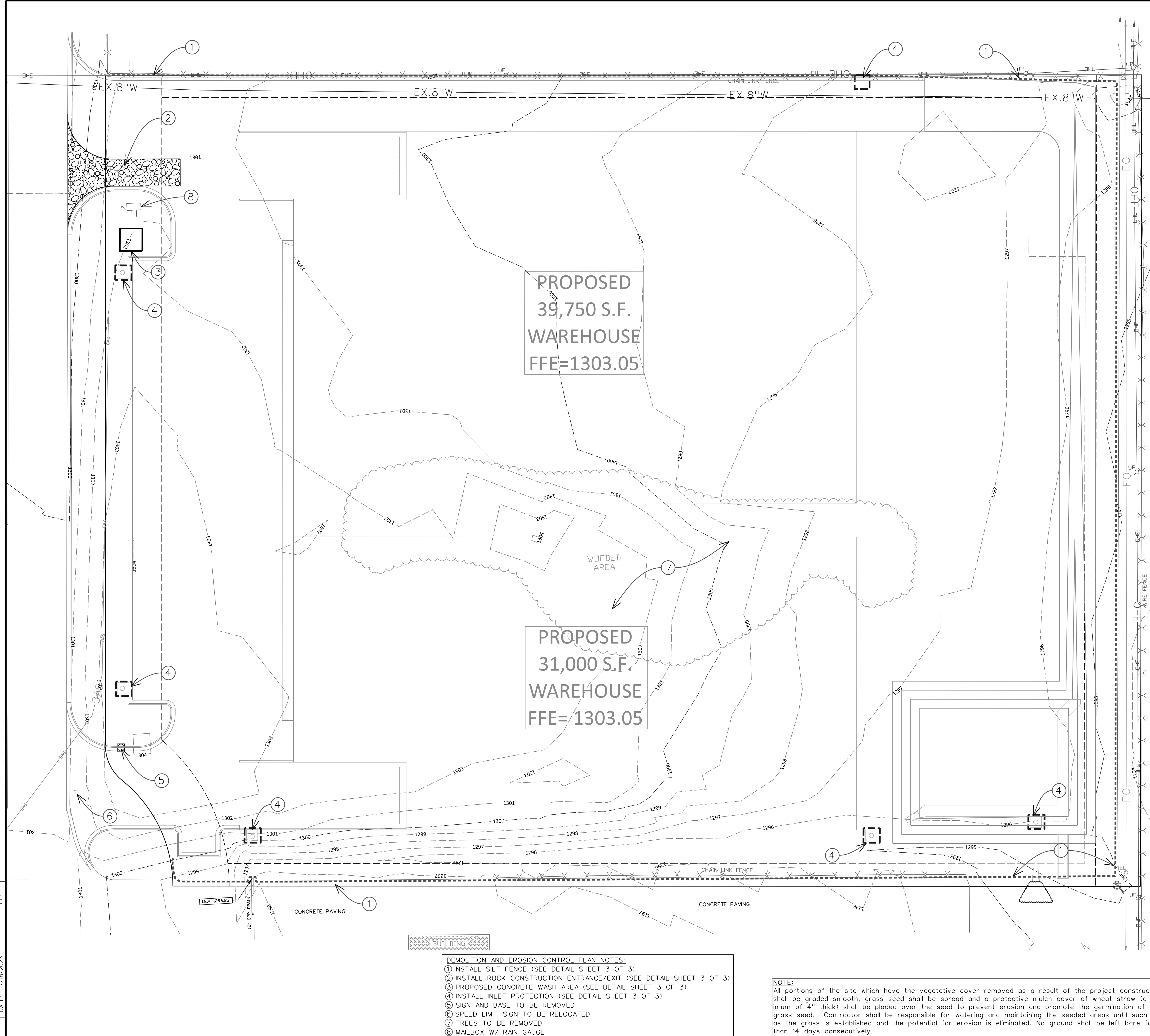
CONTRACTOR SHALL NOT DEVIATE FROM OR MAKE ANY CHANGES TO APPROVED PROJECT DESIGN WITHOUT WRITTEN APPROVAL OF ENGINEER.

PROFILE NOTES:
 1 - FULL DEPTH CLASS 7 TRENCH BACKFILL COMPACTED TO 95% STANDARD PROCTOR
 2 - INSTALL RIP-RAP

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REF FILE: 2313.dwg
 DATE: 7/18/23
 PLOT: 7/18/23



LEGEND

- EXISTING INDEX CONTOUR (5')
- EXISTING INTERMEDIATE CONTOUR (1')
- PROPOSED INDEX CONTOUR (5')
- PROPOSED INTERMEDIATE CONTOUR (1')
- EASEMENT LINE
- BUILDING SETBACK LINE
- ▭ PROPOSED BUILDING
- ▭ PROPOSED ASPHALT PAVING
- ▭ PROPOSED SIDEWALK
- ▭ PROPOSED CONCRETE PAVING
- ⊕ EX FIRE HYDRANT ASSEMBLY
- ⊕ EX WATER VALVE
- ⊕ EX WATER METER
- ⊕ EX STORM SEWER STRUCTURE
- ⊕ EX SANITARY SEWER MANHOLE
- ⊕ EX NATURAL GAS SIGN/METER
- ⊕ EX POWER/UTILITY POLE
- ⊕ EX UTILITY POLE ANCHOR
- ⊕ EX ELECTRIC BOX
- ⊕ EX TELEPHONE PEDESTAL
- ⊕ EX FIBER OPTIC PEDESTAL
- ⊕ EX BROADBAND PEDESTAL
- ▭ PROPOSED WHEEL STOP
- PROPOSED BOLLARD

PROPOSED
39,750 S.F.
WAREHOUSE
FFE=1303.05

PROPOSED
31,000 S.F.
WAREHOUSE
FFE= 1303.05

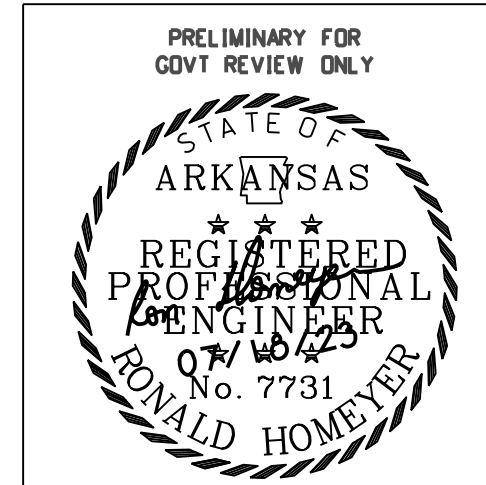
WOODED
AREA

- DEMOLITION AND EROSION CONTROL PLAN NOTES:**
- ① INSTALL SILT FENCE (SEE DETAIL SHEET 3 OF 3)
 - ② INSTALL ROCK CONSTRUCTION ENTRANCE/EXIT (SEE DETAIL SHEET 3 OF 3)
 - ③ PROPOSED CONCRETE WASH AREA (SEE DETAIL SHEET 3 OF 3)
 - ④ INSTALL INLET PROTECTION (SEE DETAIL SHEET 3 OF 3)
 - ⑤ SIGN AND BASE TO BE REMOVED
 - ⑥ SPEED LIMIT SIGN TO BE RELOCATED
 - ⑦ TREES TO BE REMOVED
 - ⑧ MAILBOX W/ RAIN GAUGE

NOTE:
All portions of the site which have the vegetative cover removed as a result of the project construction shall be graded smooth, grass seed shall be spread and a protective mulch cover of wheat straw (a minimum of 4" thick) shall be placed over the seed to prevent erosion and promote the germination of the grass seed. Contractor shall be responsible for watering and maintaining the seeded areas until such time as the grass is established and the potential for erosion is eliminated. No ground shall be left bare for more than 14 days consecutively.

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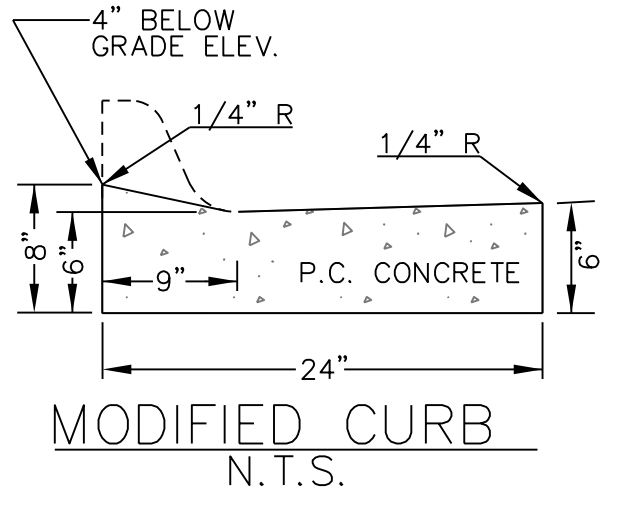
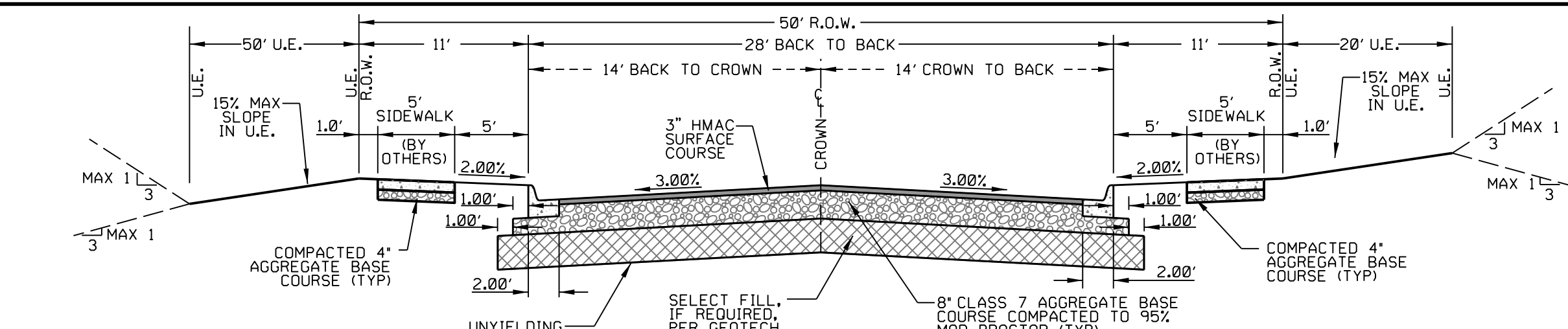
DEVELOPMENT PLANS FOR
OLD OAK COMMERCIAL, LLC
TONTTOWN, ARKANSAS

SEDIMENT AND EROSION CONTROL PLAN

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JTM	RDH	RDH	8 OF 8
JOB NUMBER	DATE	SCALE: 1"=20' H 1"=40' V	
2313	JULY 2023		

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 REF: FILE: 2313_01.dwg
 VIEW: 2D
 DATE: 7/18/2023

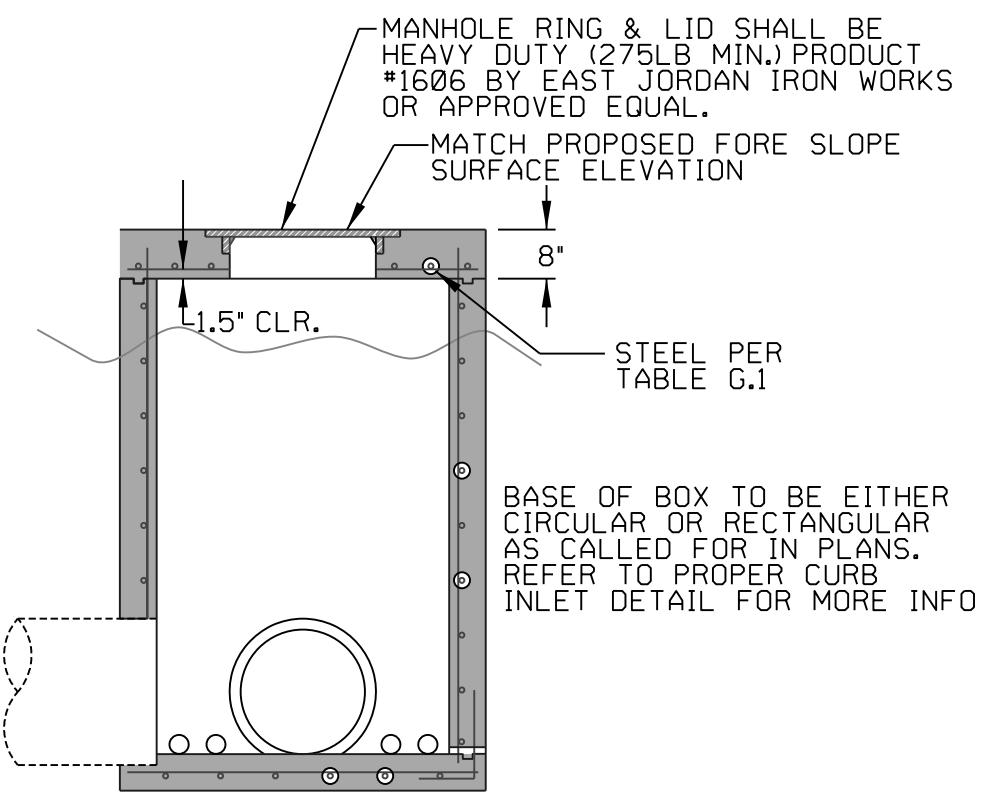
REVISION	PER CITY COMMENTS	PER CITY COMMENTS
12/18/20		
01/07/21		



STREET TYPE	'B'	'L'	'X'	'Y'
LOCAL	4'	10.59'	4.10'	3.44'
MINOR COMMERCIAL	3'	14.52'	4.58'	7.25'
COLLECTOR	5'	7.10'	3.79'	0.0'

STREET TYPE	'B'	'L'	'X'	'Y'
LOCAL	4'	15.79'	4.57'	8.53'
MINOR COMMERCIAL	3'	20.06'	5.20'	12.62'
COLLECTOR	5'	11.98'	4.13'	4.50'

STREET TYPE	'B'	'L'	'X'	'Y'
LOCAL	4'	26.75'	5.75'	19.18'
MINOR COMMERCIAL	3'	31.65'	6.63'	23.76'
COLLECTOR	5'	22.40'	5.09'	15.04'

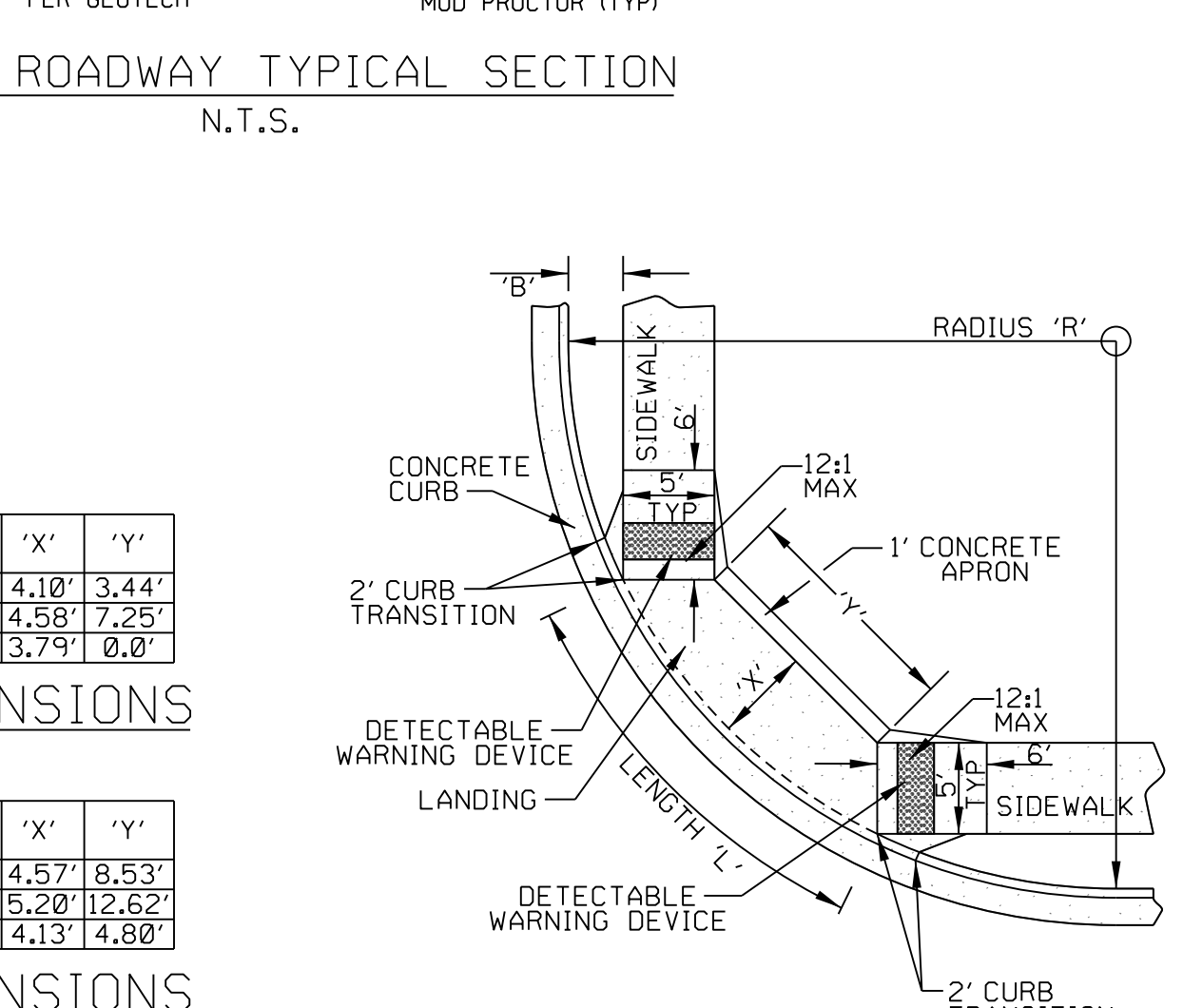


TYPICAL JUNCTION BOX N.T.S.

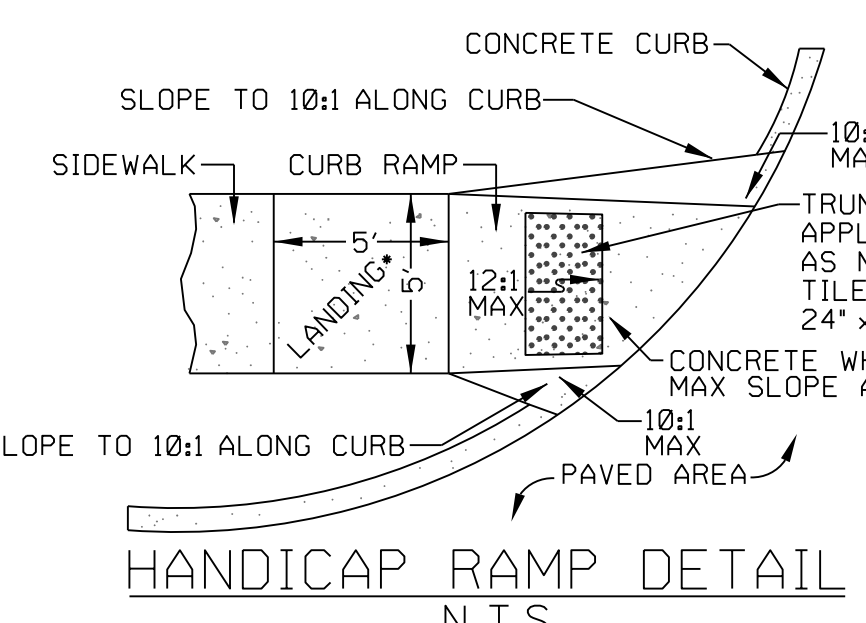
TABLE C.1
CIRCULAR CURB INLET DIA. & WALL THICKNESS TABLE

I.D. OF C.I.	DIA. OF OUTLET PIPE	MIN. WALL THICKNESS
4' I.D.	12" - 27"	6"
5' I.D.	30" - 42"	8"
6' I.D.	48" - 54"	8"

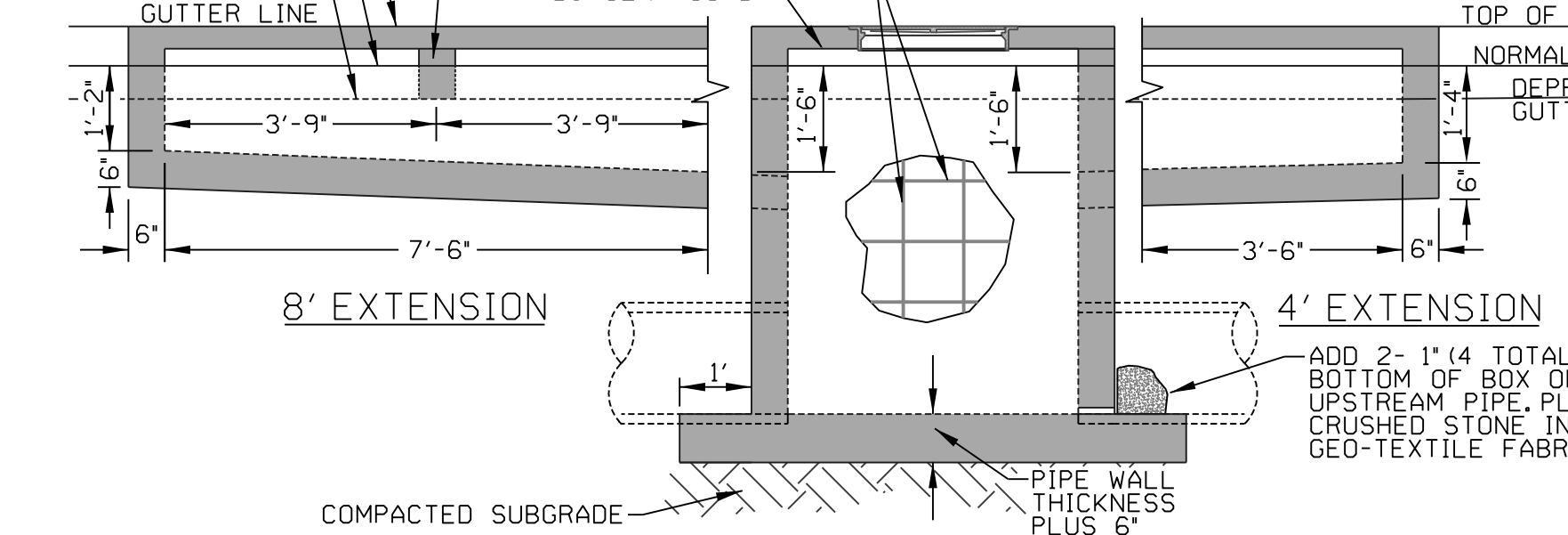
*LIMIT DEFLECTION TO 60 DEGREES. IF GREATER USE NEXT LARGER MANHOLE DIAMETER



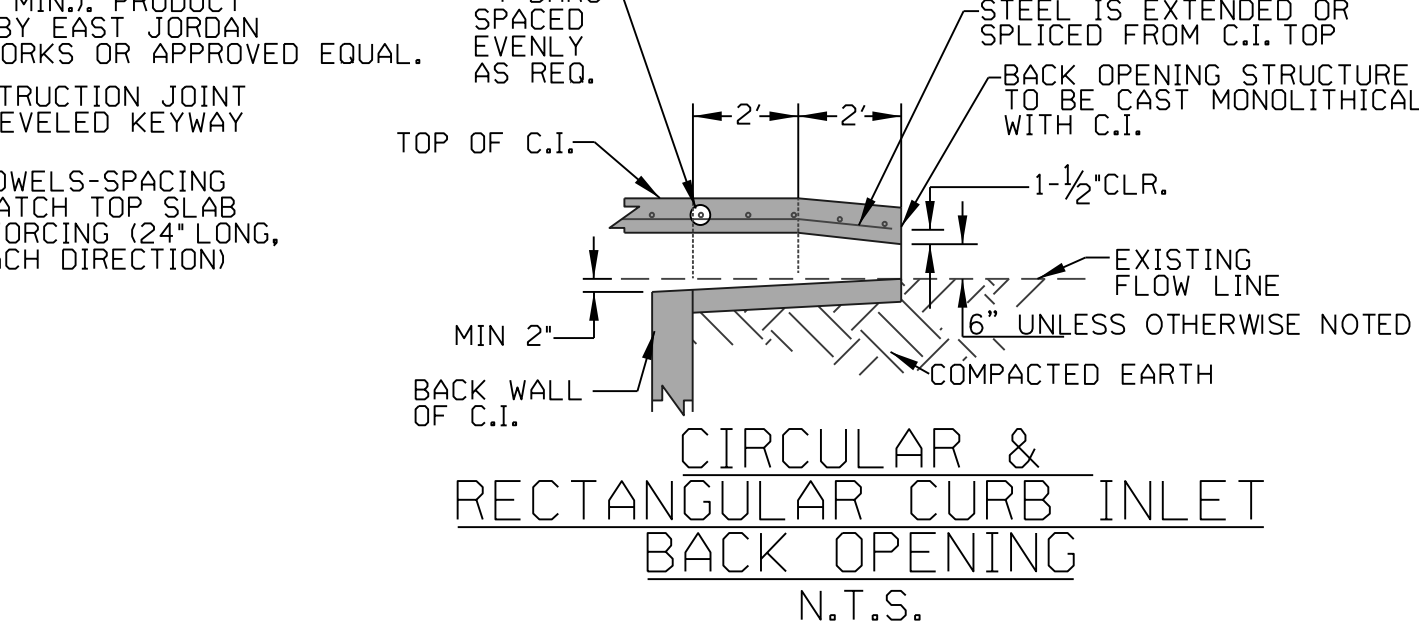
HANDICAP RAMP AT CORNER DETAIL N.T.S.



HANDICAP RAMP DETAIL N.T.S.



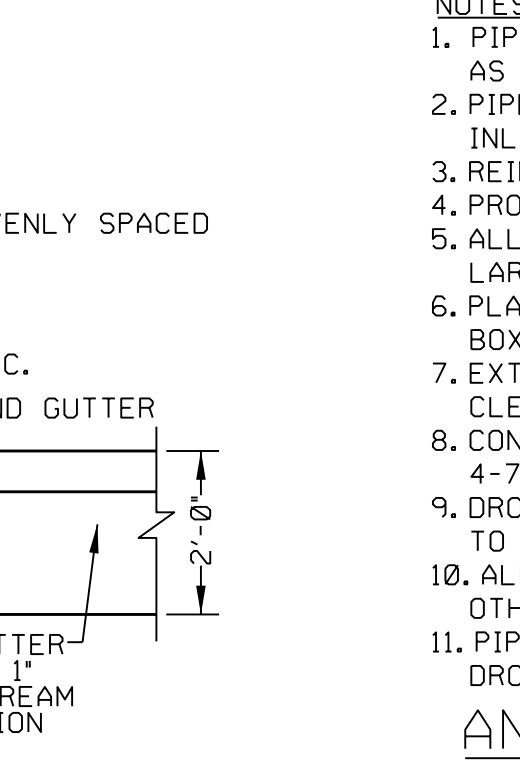
SECTION - CIRCULAR AND RECTANGULAR CURB INLET N.T.S.



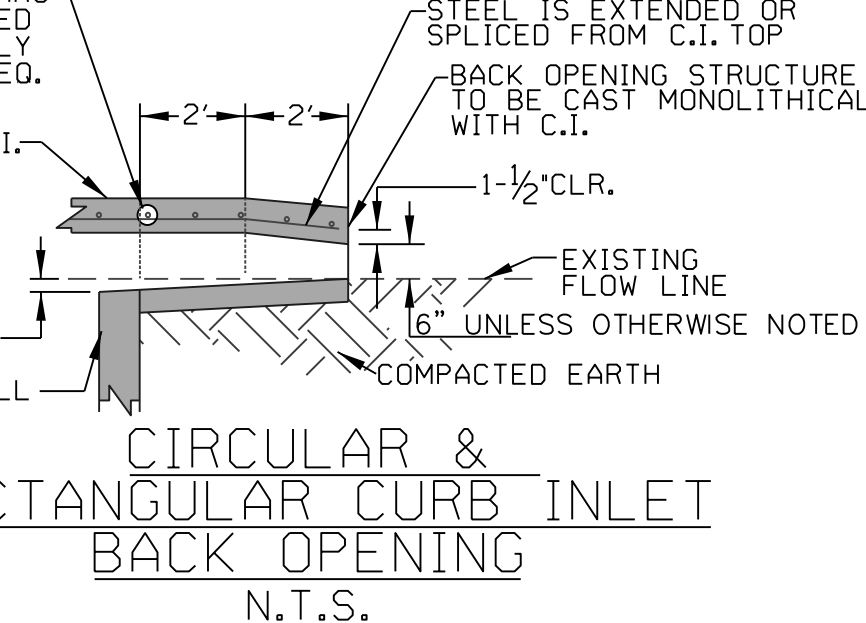
CIRCULAR & RECTANGULAR CURB INLET BACK OPENING N.T.S.

TABLE G.1
BOX TOP REINFORCING FOR CIRCULAR & RECTANGULAR INLETS

WIDTH OF CURB INLET	TOP OF CONCRETE SLAB REINFORCING
4'	#4'S @ 8" O.C. E.W.
5'	#4'S @ 7" O.C. E.W.
6'	#5'S @ 9" O.C. E.W.



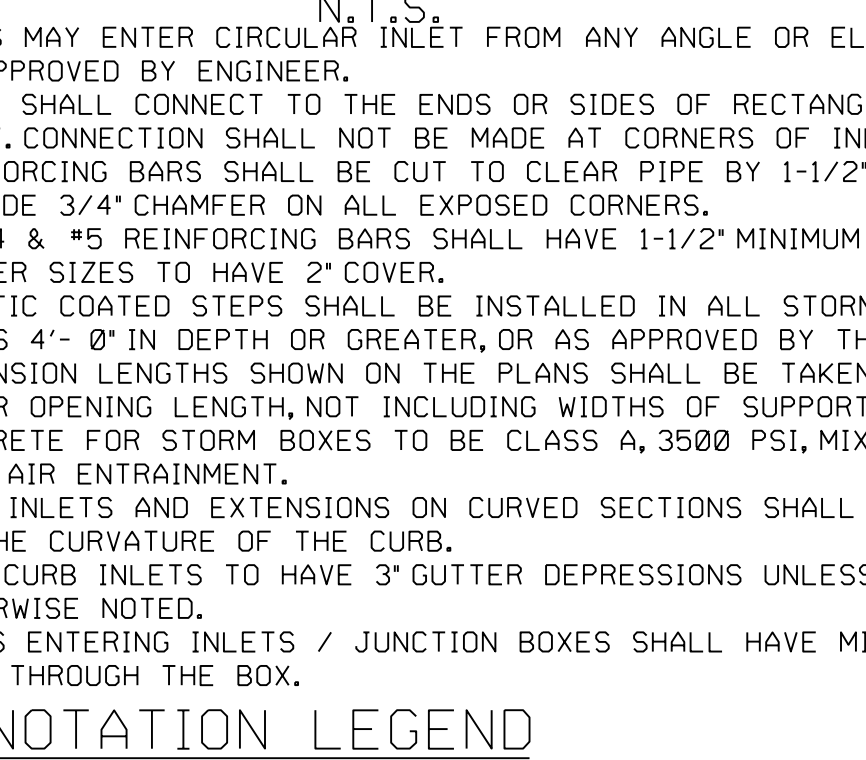
SECTION A-A CIRCULAR CURB INLET N.T.S.



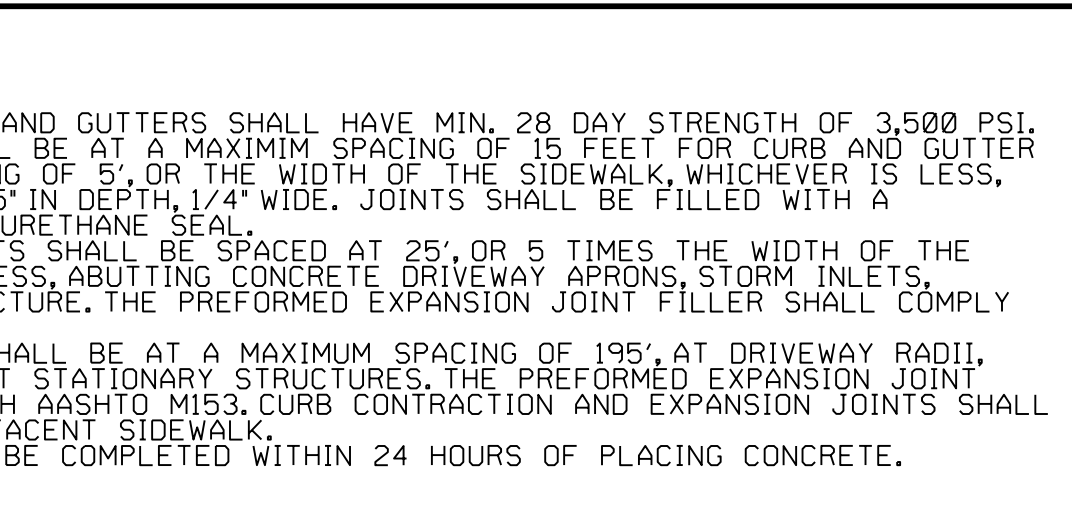
SECTION B-B CIRCULAR & RECTANGULAR CURB INLET N.T.S.

TABLE R.1
TABLE OF 'W' & 'd' DIMENSIONS

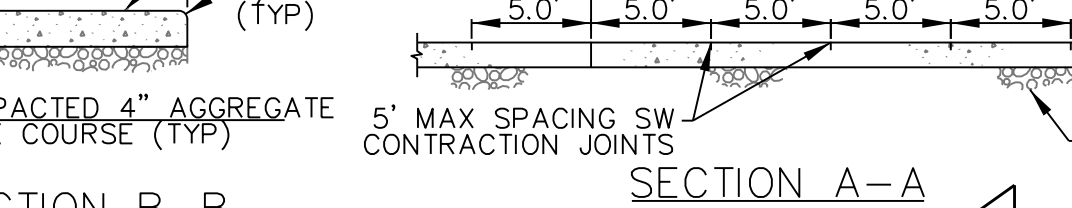
PIPE SIZE	SKEW OF CROSS DRAIN		
	STRAIGHT	30°	45°
18"	3'-0"	3'-0"	3'-0"
24"	3'-6"	3'-0"	3'-0"
30"	4'-0"	4'-0"	5'-1"
36"	4'-8"	4'-11"	5'-11"
42"	5'-3"	5'-7"	6'-9"
48"	5'-10"	6'-3"	7'-7"
54"	6'-5"	7'-3"	8'-6"
≥ 60"	SEE PLAN NOTES OR CONTACT ENGINEER		



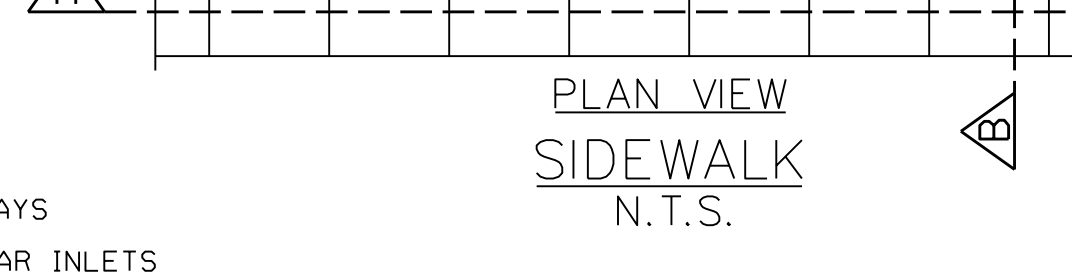
SECTION A-A RECTANGULAR CURB INLET N.T.S.



LAYDOWN CURB N.T.S.



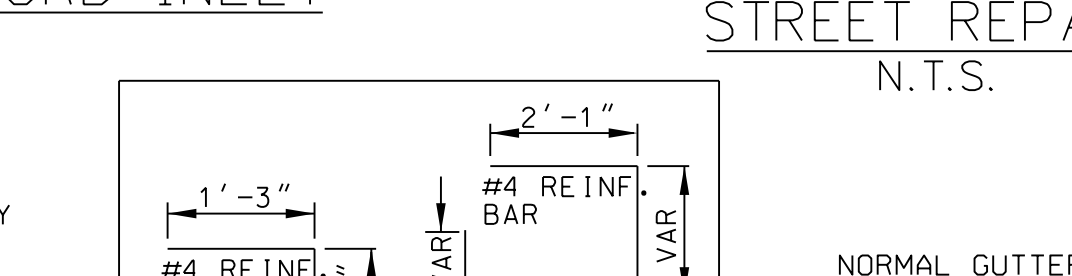
SECTION B-B



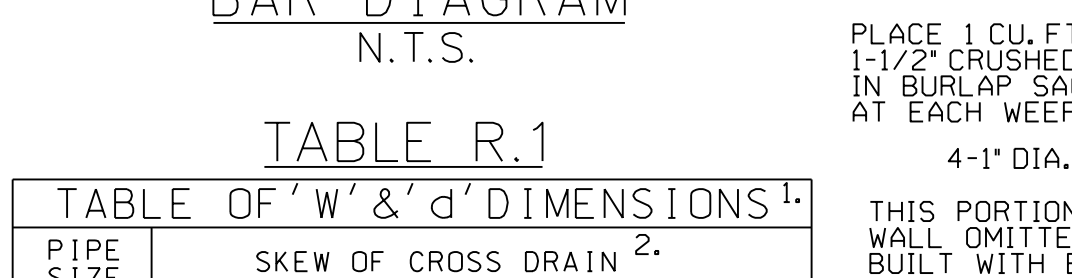
PLAN VIEW SIDEWALK N.T.S.



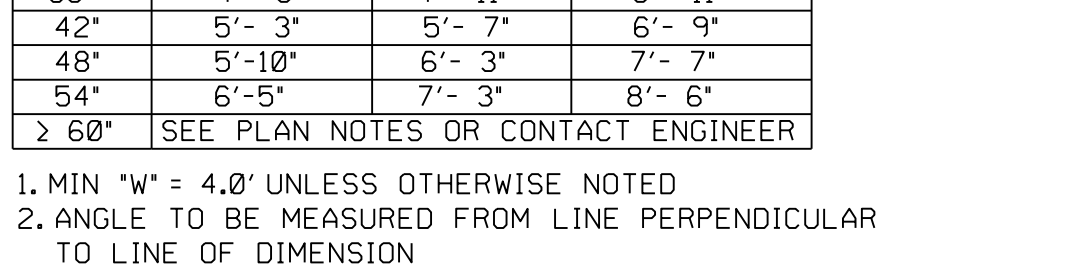
CONNECTION TO CONCRETE STRUCTURES



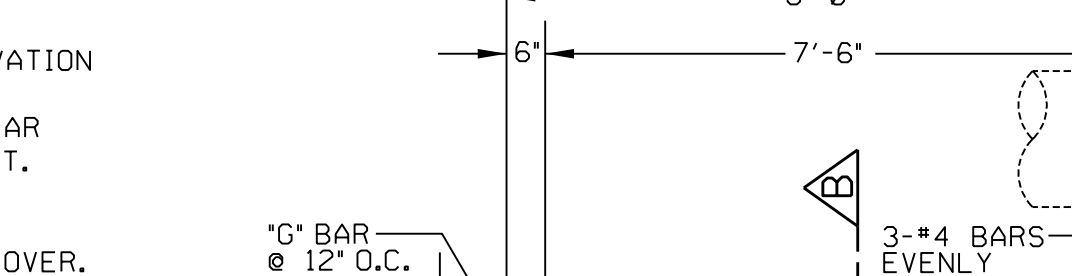
BAR DIAGRAM N.T.S.



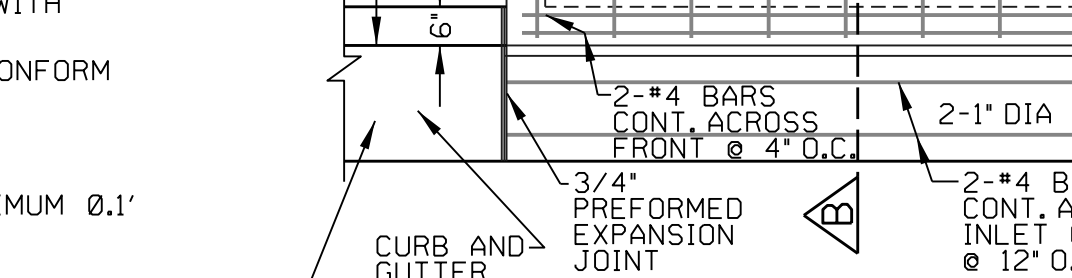
SECTION A-A RECTANGULAR CURB INLET N.T.S.



SECTION B-B RECTANGULAR CURB INLET N.T.S.

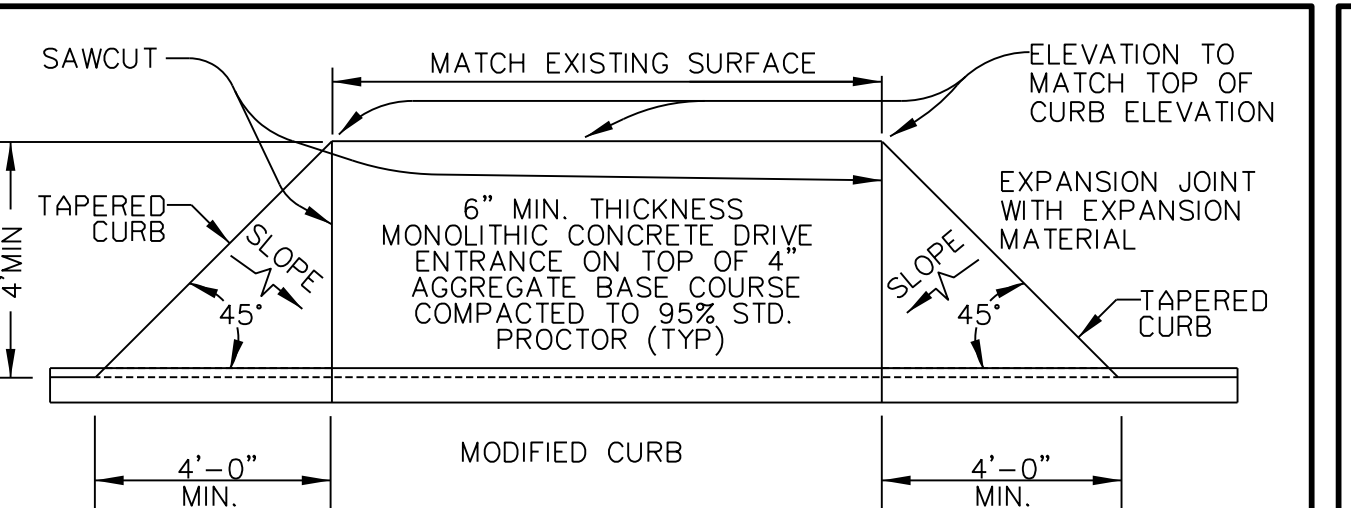


SECTION A-A RECTANGULAR CURB INLET N.T.S.

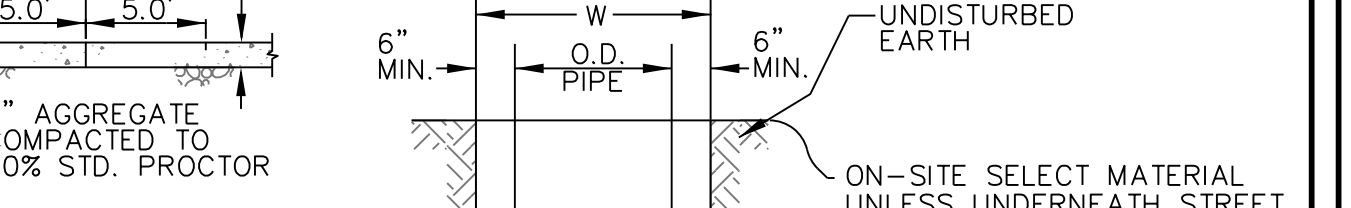


SECTION B-B RECTANGULAR CURB INLET N.T.S.

ANNOTATION LEGEND



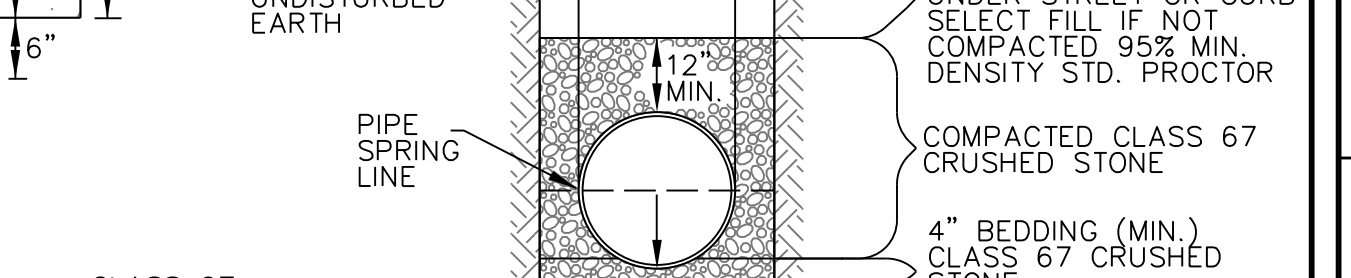
DRIVE ENTRANCE N.T.S.



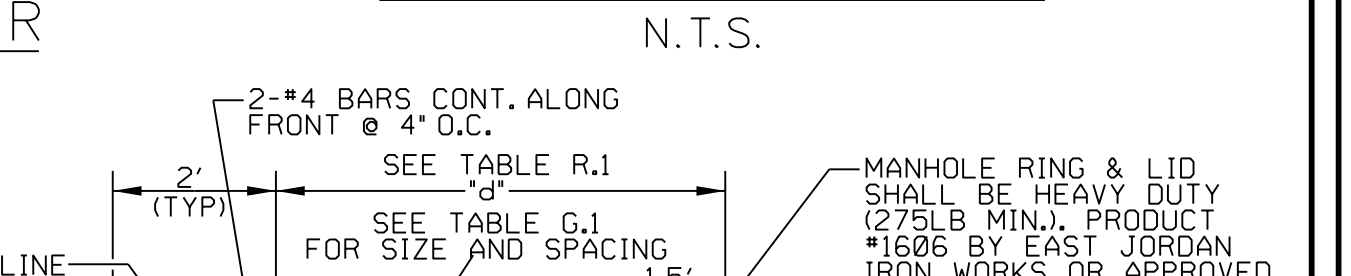
CONCRETE STORM SEWER TRENCH DETAIL N.T.S.



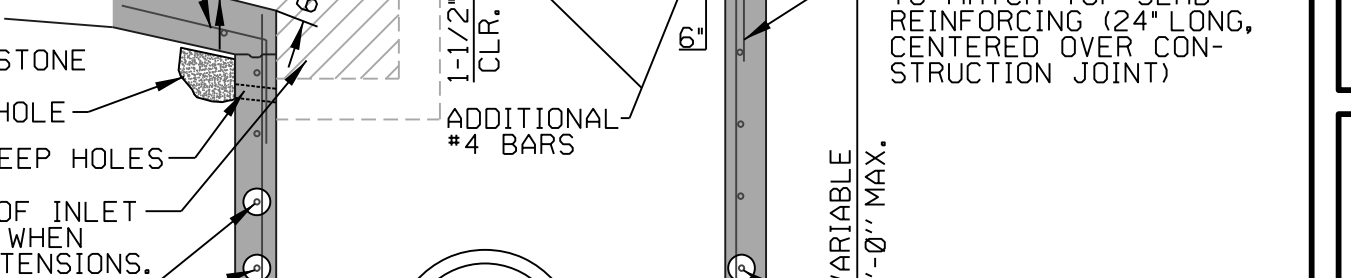
FLEXIBLE STORM SEWER TRENCH DETAIL N.T.S.



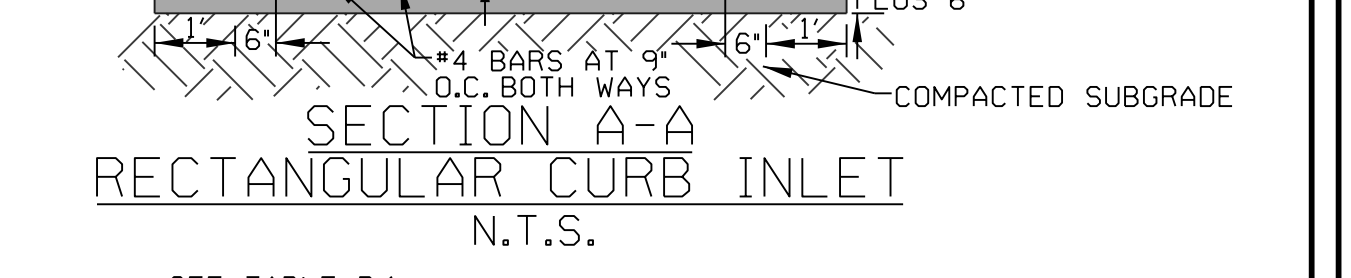
STREET REPAIR N.T.S.



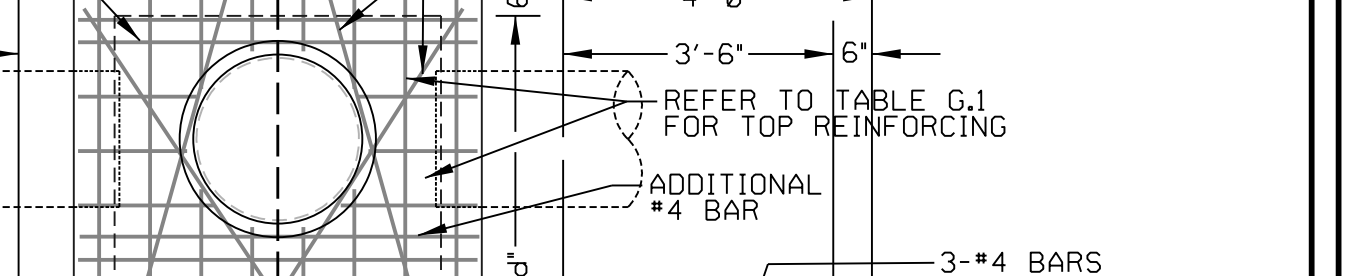
SECTION A-A RECTANGULAR CURB INLET N.T.S.



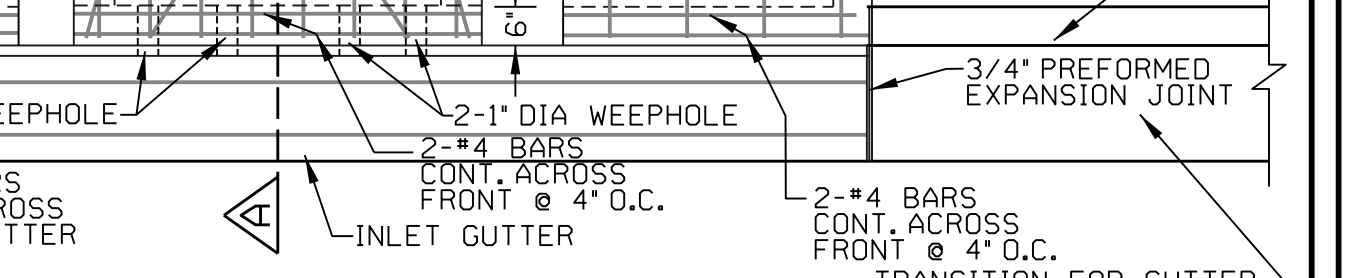
SECTION B-B RECTANGULAR CURB INLET N.T.S.



PLAN - CIRCULAR CURB INLET N.T.S.



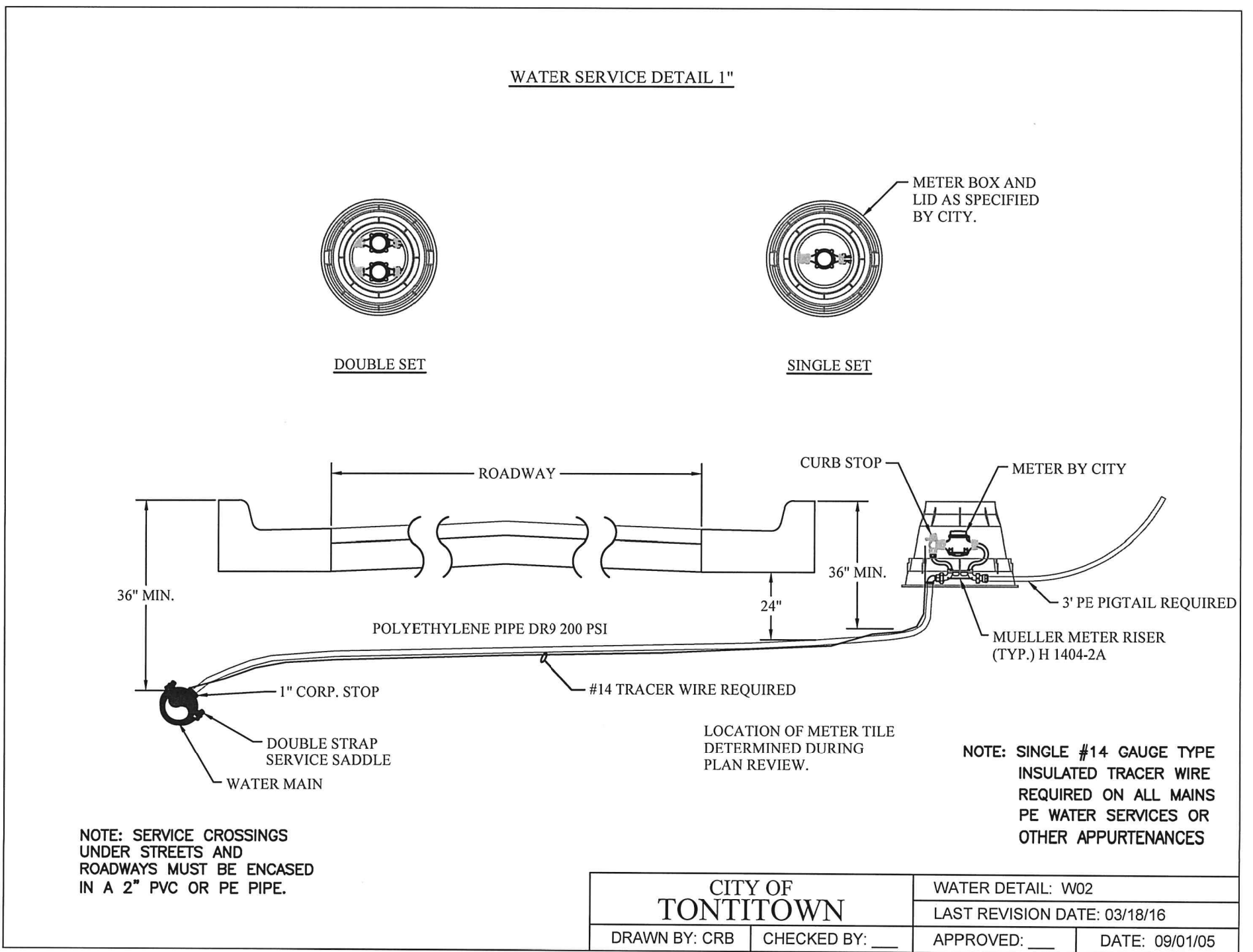
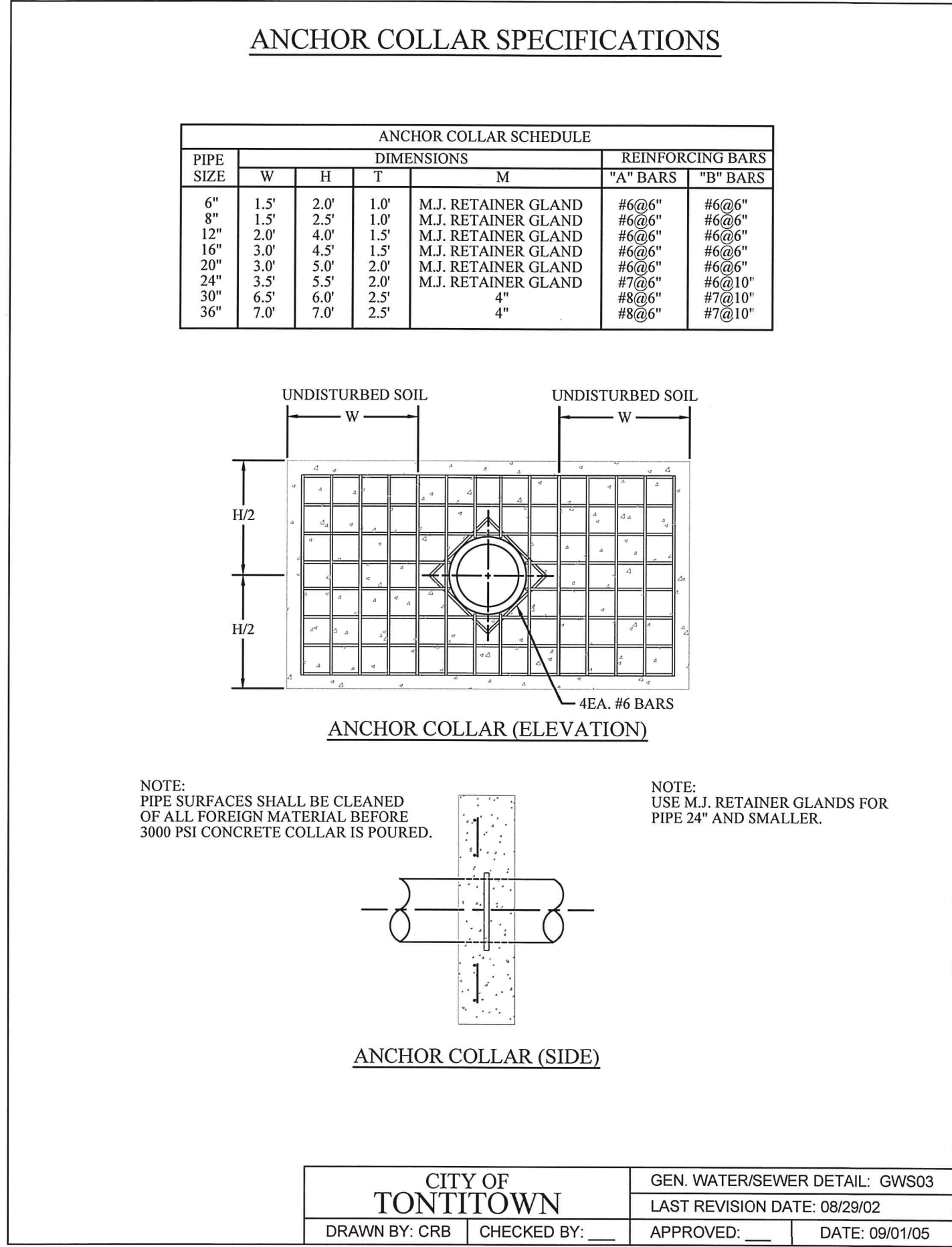
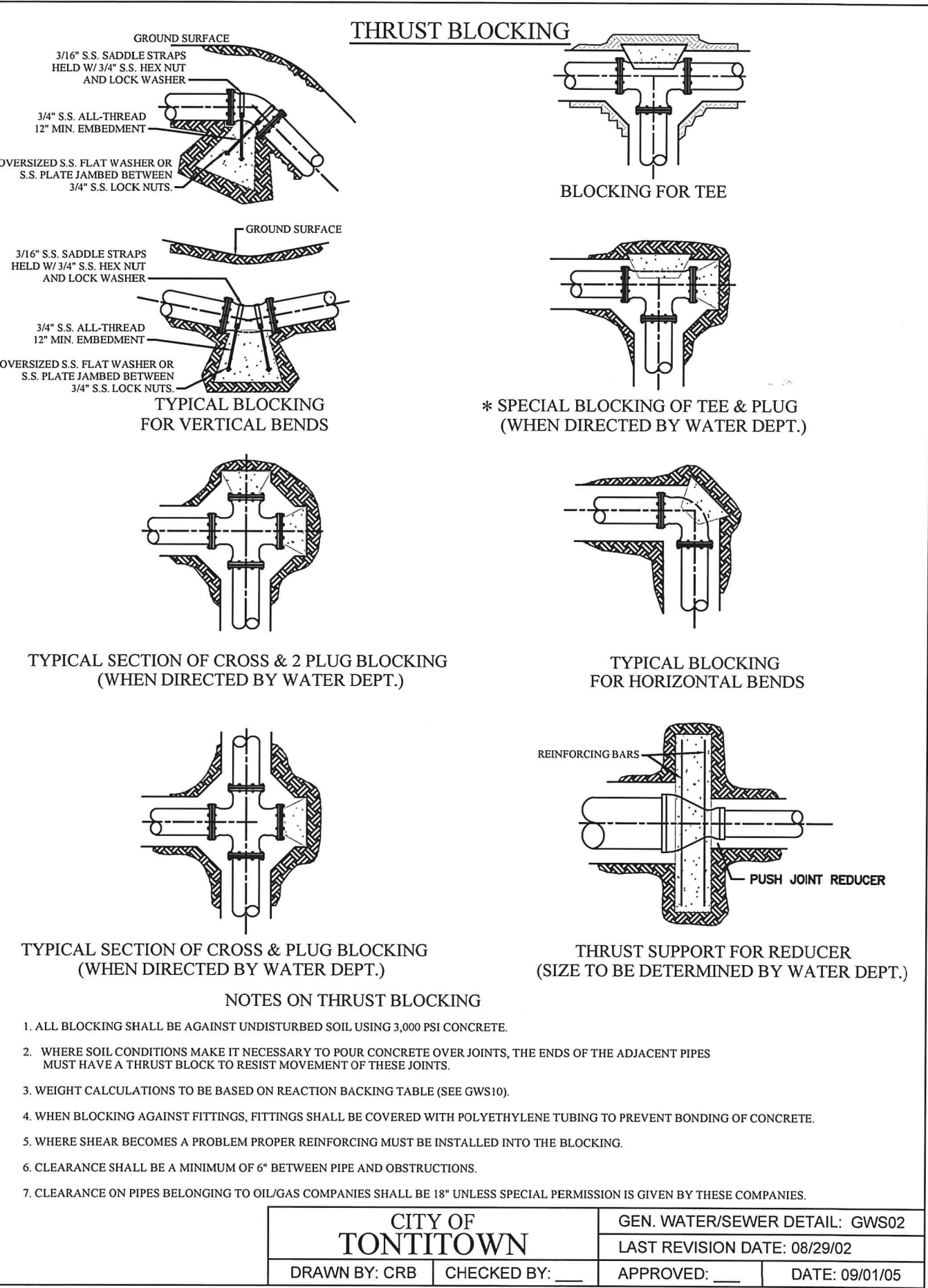
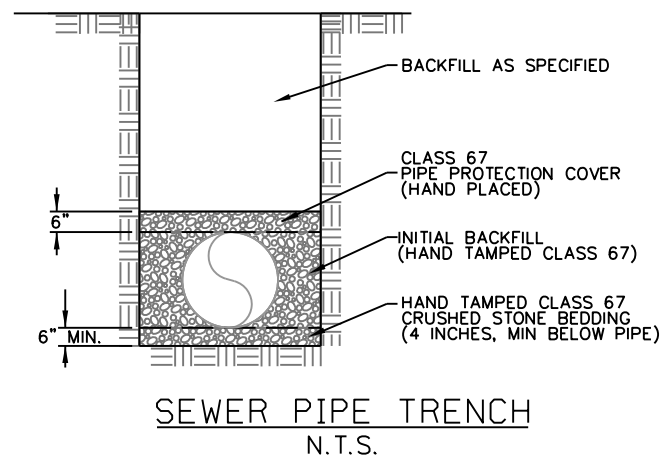
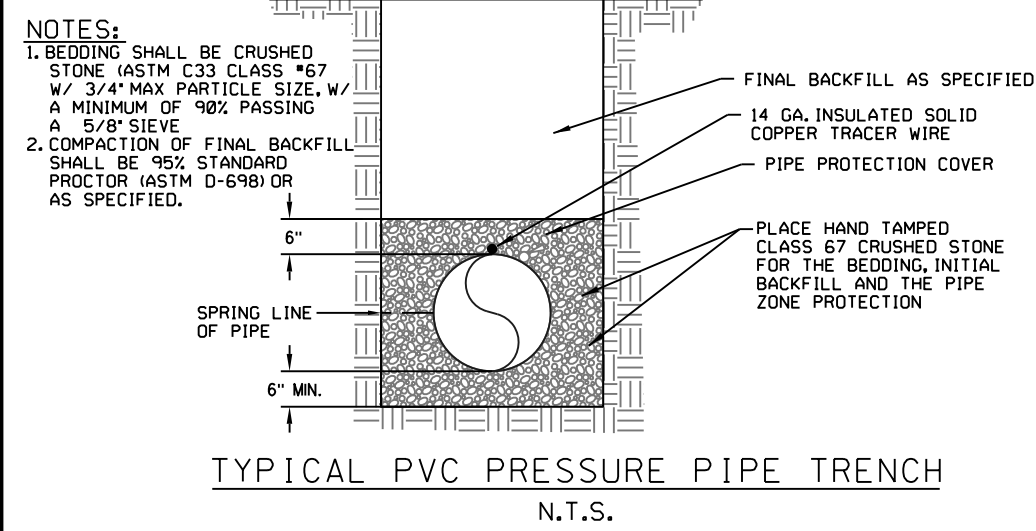
PLAN - RECTANGULAR CURB INLET N.T.S.



TYPICAL CIRCULAR CURB INLET N.T.S.

TYPICAL RECTANGULAR CURB INLET N.T.S. MODIFY PER DIMENSIONS ON PLAN

- ANNOTATION LEGEND**
- ACHM - ASPHALT CONCRETE HOT MIX
 - C.I. - CURB INLET
 - C.L. - CENTERLINE
 - CLR - CLEAR
 - CONT. - CONTINUOUS
 - DIA. - DIAMETER
 - GA. - GAUGE
 - HMAC - HOT MIX ASPHALT CONCRETE
 - I.D. - INSIDE DIAMETER
 - MAX. - MAXIMUM
 - MIN. - MINIMUM
 - N.T.S. - NOT TO SCALE
 - O.C. - ON CENTER
 - O.C.E.W. - ON CENTER EACH WAY
 - STD. - STANDARD
 - SW. - SIDEWALK
 - TYP. - TYPICAL
 - P.S.I. - POUNDS PER SQUARE INCH
 - REQ. - REQUIRED
 - R.O.W. - RIGHT-OF-WAY
 - REINF. - REINFORCED
 - STD. - STANDARD
 - SW. - SIDEWALK
 - TYP. - TYPICAL



ADD TONTITOWN STANDARD DETAILS
 W05
 W07

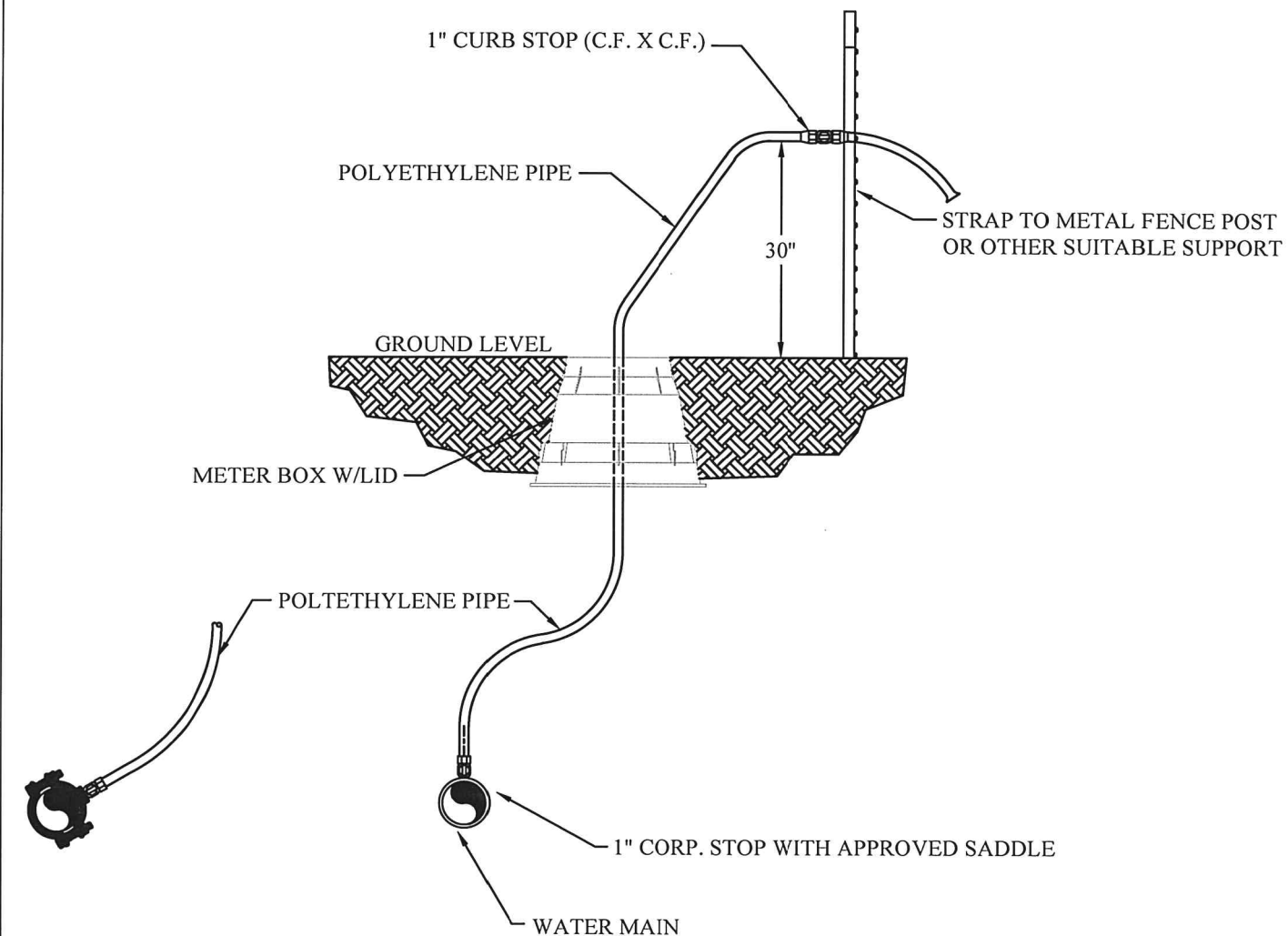
REACTION BACKING TABLE

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	1
6"	2	3	2	1	1	2
8"	3	5	3	2	1	3
10"	5	7	4	2	1	5
12"	7	10	6	3	2	7
14"	10	13	7	4	2	10
16"	12	17	10	5	3	12
18"	15	22	12	6	3	15
20"	19	26	14	7	4	19
24"	26	37	20	10	5	26

- NOTES:**
1. ALL FITTINGS SHALL BE MECHANICAL JOINTS.
 2. DO NOT COVER BELLS OR FLANGES WITH CONCRETE.
 3. WRAP ALL FITTINGS WITH POLY WRAP.
 4. BACK ALL TEES ACCORDING TO SIZE OF BRANCH.
 5. BACKING FUTURE LINE EXTENSIONS SHALL BE SUCH THAT LATER REMOVAL IS POSSIBLE.
 6. ALL BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL OR VERTICAL, SHALL BE BACKED.
 7. REACTION BACKING TABLE IS BASED ON 100 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.

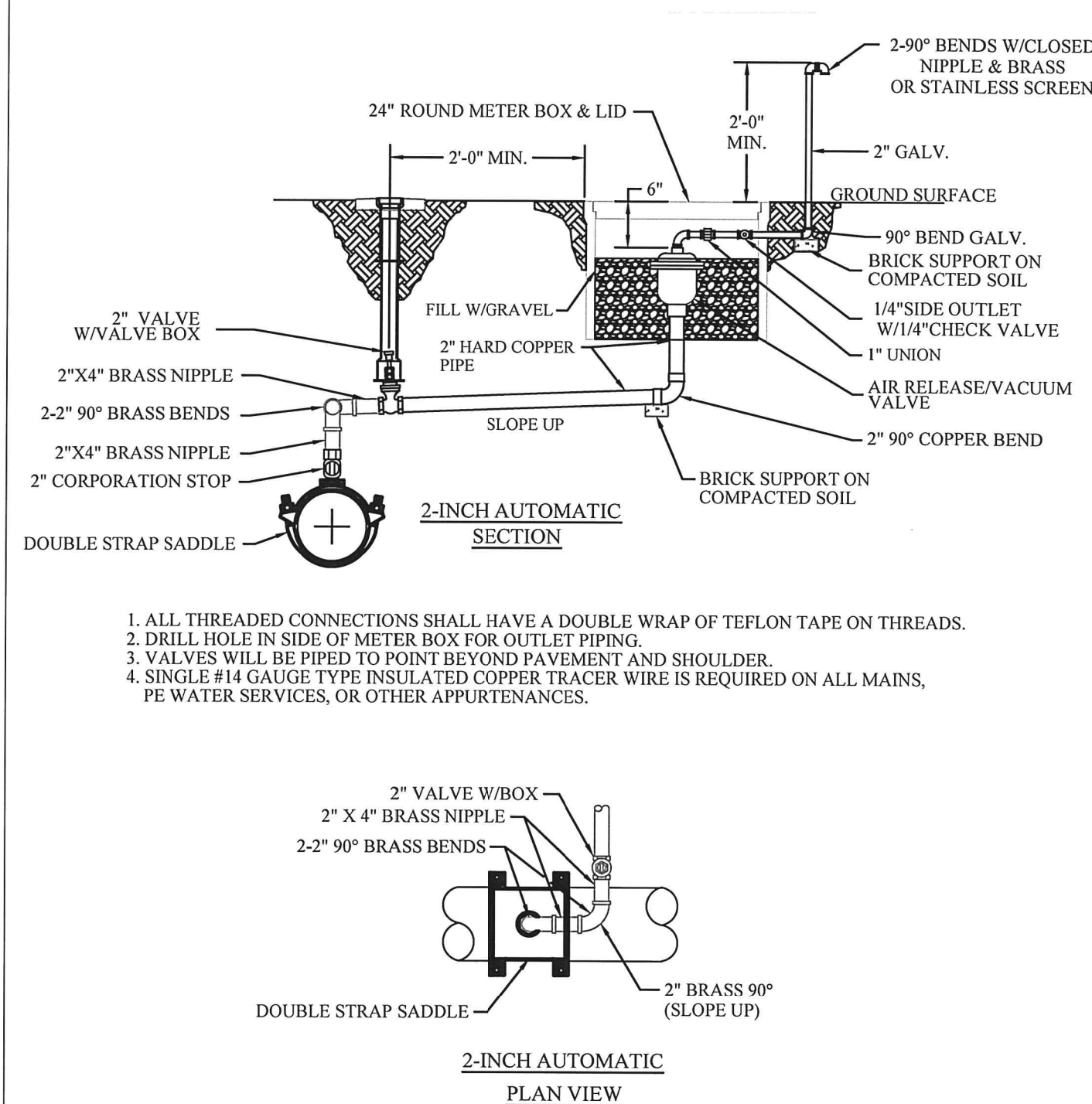
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 GEN. WATER/SEWER DETAIL: GWS10
 LAST REVISION DATE: 06/23/17
 DRAWN BY: SAK CHECKED BY: TWC APPROVED: DATE: 09/01/05

TEMPORARY 1" BLOW OFF ASSEMBLY / SAMPLE POINTS



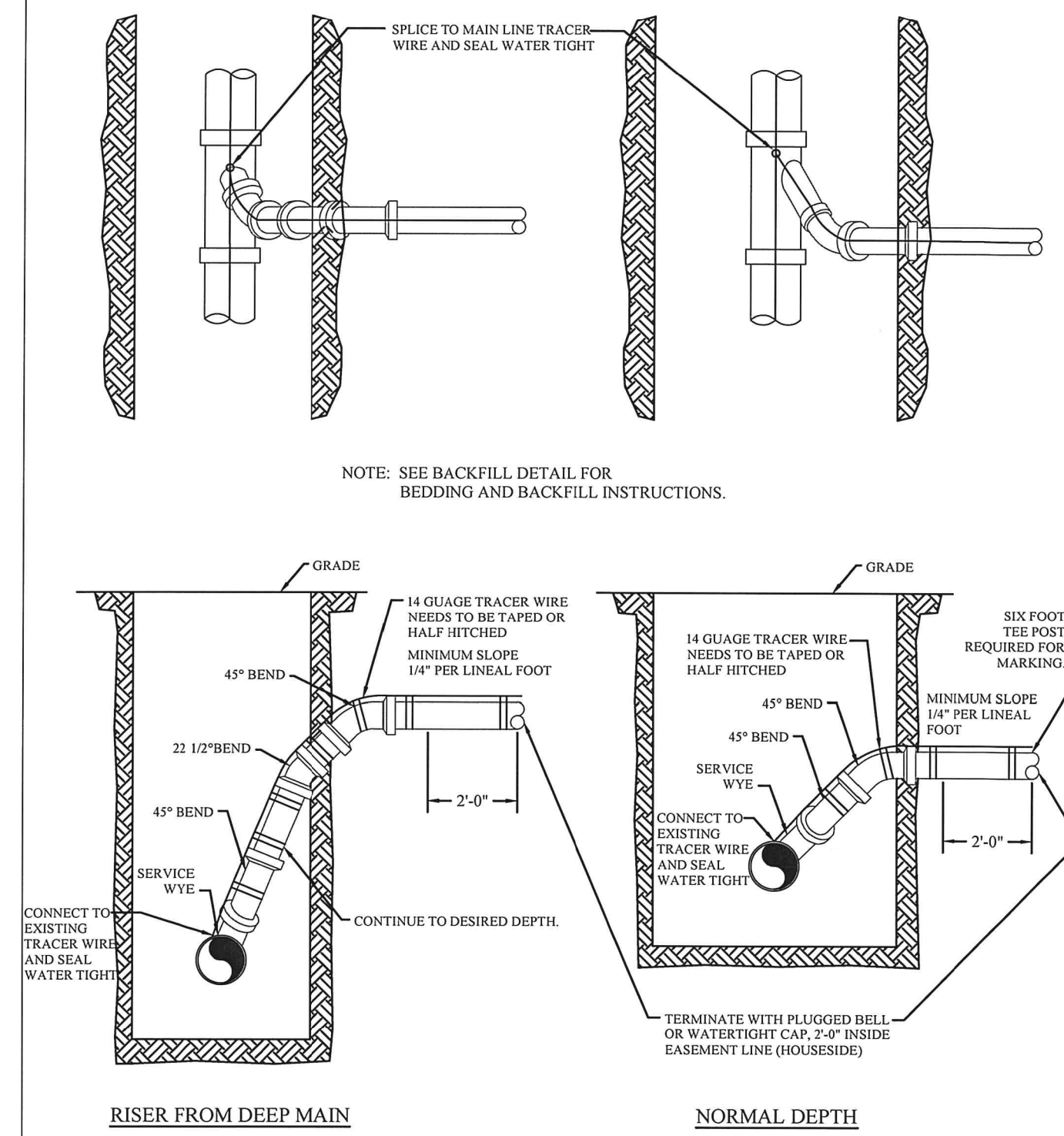
CITY OF TONTITOWN
 WATER DETAIL: W01
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 DRAWN BY: CRB CHECKED BY: APPROVED: DATE: 09/01/05

2" COMBINATION AIR/VACUUM VALVE DETAIL



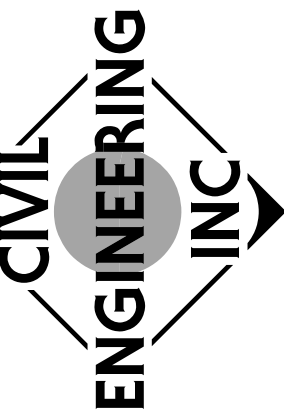
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 WATER DETAIL: W09
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SANITARY SEWER SERVICE WYE



CITY OF TONTITOWN
 SANITARY SEWER DETAIL: SS06
 LAST REVISION DATE: 09/01/05
 DRAWN BY: FCN CHECKED BY: APPROVED: DATE: 09/21/07

CIVIL ENGINEERING, INC.
 P.O. Box 12, Siloam Springs, Arkansas 72761
 (479) 524-9956 Phone or (479) 524-4747 Fax
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REVISION

12/18/20	PER CITY COMMENTS
01/07/21	PER CITY COMMENTS

STANDARD DETAILS FOR WATER & SEWER CONSTRUCTION



SOLID WASTE MANAGEMENT

DESCRIPTION:
LARGE VOLUMES OF SOLID WASTE ARE OFTEN GENERATED AT CONSTRUCTION SITES INCLUDING: PACKAGING, PALLETS, WOOD WASTE, CONCRETE WASTE, SOIL, ELECTRICAL WIRING, CUTTINGS, AND A VARIETY OF OTHER MATERIALS. THE SOLID WASTE MANAGEMENT PRACTICES LISTED BELOW ARE INTENDED TO MINIMIZE THE POTENTIAL OF STORM WATER CONTAMINATION FROM SOLID WASTE THROUGH APPROPRIATE STORAGE AND DISPOSAL PRACTICES.

STORAGE PROCEDURES:
-DESIGNATE A FOREMAN OR SUPERVISOR TO OVERSEE AND ENFORCE PROPER SOLID WASTE PROCEDURES.
-WHEREVER POSSIBLE, MINIMIZE PRODUCTION OF SOLID WASTE MATERIALS.
-DEVELOP A SCHEDULE FOR REGULAR COLLECTION OF SOLID WASTE MATERIALS.

CONCRETE WASTE MANAGEMENT

DESCRIPTION:
CONCRETE WASTE AT CONSTRUCTION SITES COMES IN TWO FORMS:
1. EXCESS FRESH CONCRETE MIX INCLUDING TRUCK AND EQUIPMENT
2. CURED CONCRETE DUST AND CONCRETE DEBRIS RESULTING FROM DEMOLITION.

RECOMMENDED DISPOSAL PRACTICES:
- AVOID UNACCEPTABLE DISPOSAL PRACTICES LISTED ABOVE.
- DEVELOP PREDETERMINED, SAFE CONCRETE DISPOSAL AREAS.
- PROVIDE A WASHOUT AREA WITH A MINIMUM OF 6 CUBIC FEET OF CONTAINMENT AREA VOLUME FOR EVERY 10 CUBIC YARDS OF CONCRETE PLACED.

SEDIMENTATION BASIN NOTES:
1. DETENTION BASIN IS TO BE CONSTRUCTED AND MAINTAINED AS A SEDIMENTATION BASIN FOR DURATION OF CONSTRUCTION.
2. AREA DRAINING TO DETENTION BASIN - 60 ACRES
SEDIMENTATION BASIN REQUIRED VOLUME - 5.0 ACRE-FT

EROSION CONTROL NOTES

1. CLEARING AND GRUBBING SHALL NOT BE INITIATED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING ACTIVITIES UNLESS THE AREA IS TEMPORARILY SEEDED AND MULCHED.
2. DISTURBED AREAS SHALL BE PROPERLY STABILIZED AS SOON AS PRACTICABLE.
3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED CONCURRENT WITH CLEARING OPERATIONS, AND SHALL BE FUNCTIONAL PRIOR TO EARTH MOVING OPERATIONS.

POLLUTION CONTROL GENERAL NOTES:

1. THIS PLAN HAS BEEN PREPARED TO PROVIDE MEANS TO PREVENT OR MINIMIZE POLLUTION OF STORM WATER.
2. THIS PROJECT CONSIST OF THE DEVELOPMENT OF 182 LOTS ON A 60.43 ACRE TRACT FOR A RESIDENTIAL SUBDIVISION.
3. THE CONSTRUCTION ACTIVITY INCLUDED IN THIS PLAN WILL INCLUDE:
A. CLEARING AND GRUBBING
B. STOCK PILING
C. ROUGH GRADING
D. UTILITY INSTALLATION/EXCAVATION OF TRENCHES
E. FINAL OR FINISH GRADING
F. PAVEMENT INSTALLATION
G. BUILDING CONSTRUCTION
H. PREPARATION OF SEEDING OR PLANTING.

SEQUENCE OF EROSION CONTROL BEST MANAGEMENT PRACTICES

1. INSTALL DOWN SLOPE AND SIDE SLOPE PERIMETER CONTROLS PRIOR TO THE LAND DISTURBING ACTIVITIES.
2. DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
3. COVER AND STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE (WITHIN A MAXIMUM OF 14 DAYS).

IN CASE OF SPILLS AND RELEASES (OF REPORTABLE QUANTITIES) THE FOLLOWING STEPS SHALL BE TAKEN

1. NOTIFY THE NATIONAL RESPONSE CENTER (800) 424-8802 OR (202) 426-2675 AS SOON AS YOU HAVE KNOWLEDGE OF THE SPILL.
2. THE SWPPP MUST BE MODIFIED WITHIN 14 DAYS TO PROVIDE A DESCRIPTION OF THE RELEASE, THE CIRCUMSTANCES LEADING TO THE RELEASE AND THE DATE OF THE RELEASE.

ALLOWABLE NON-STORM WATER DISCHARGE

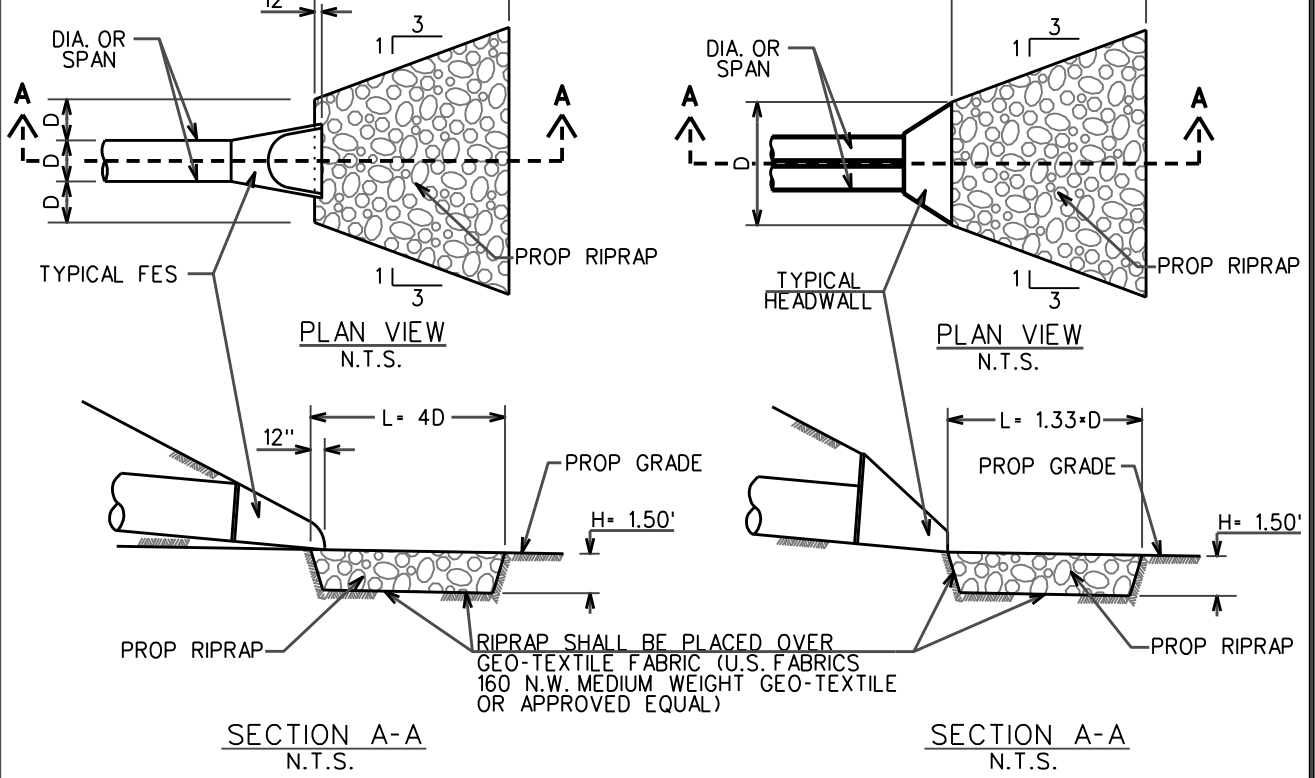
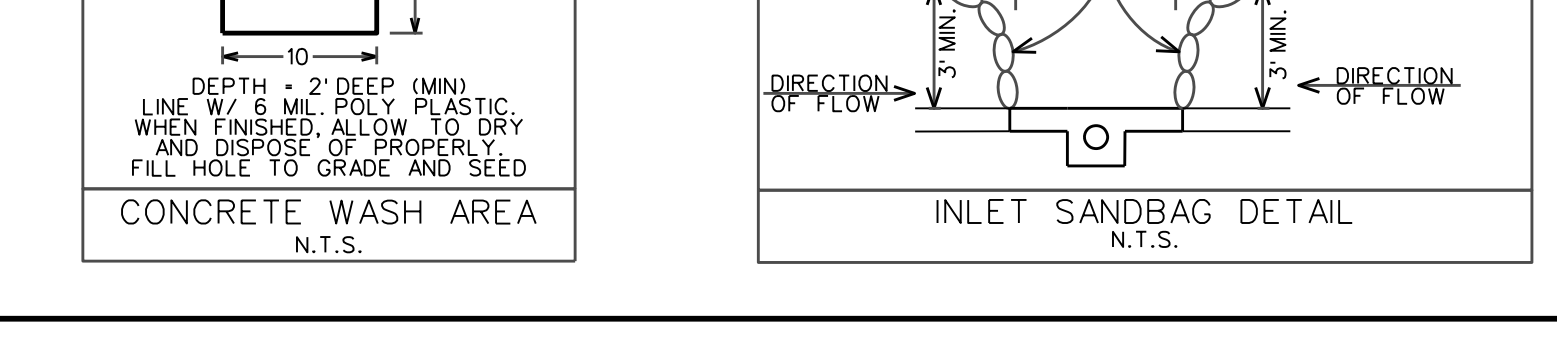
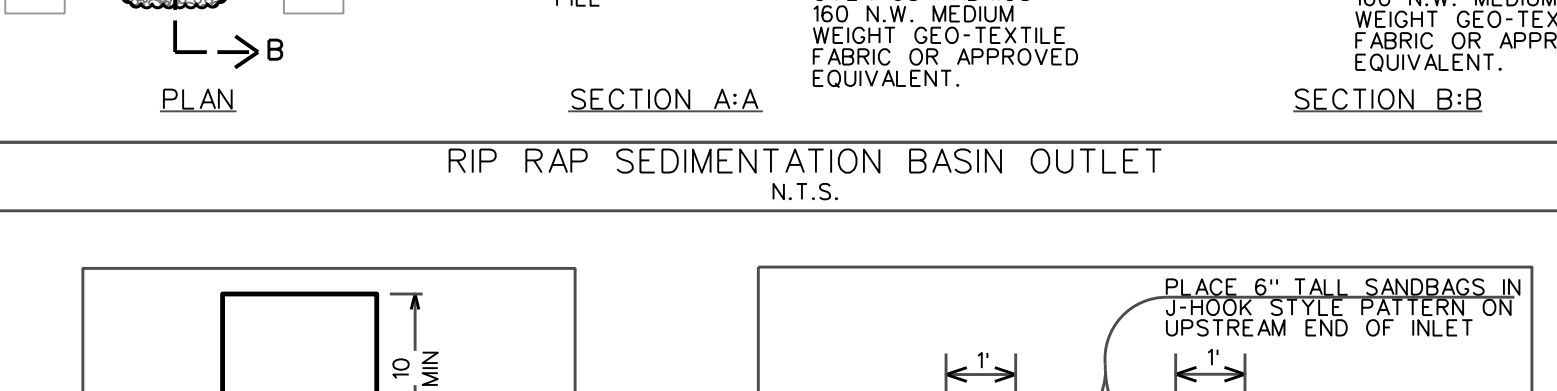
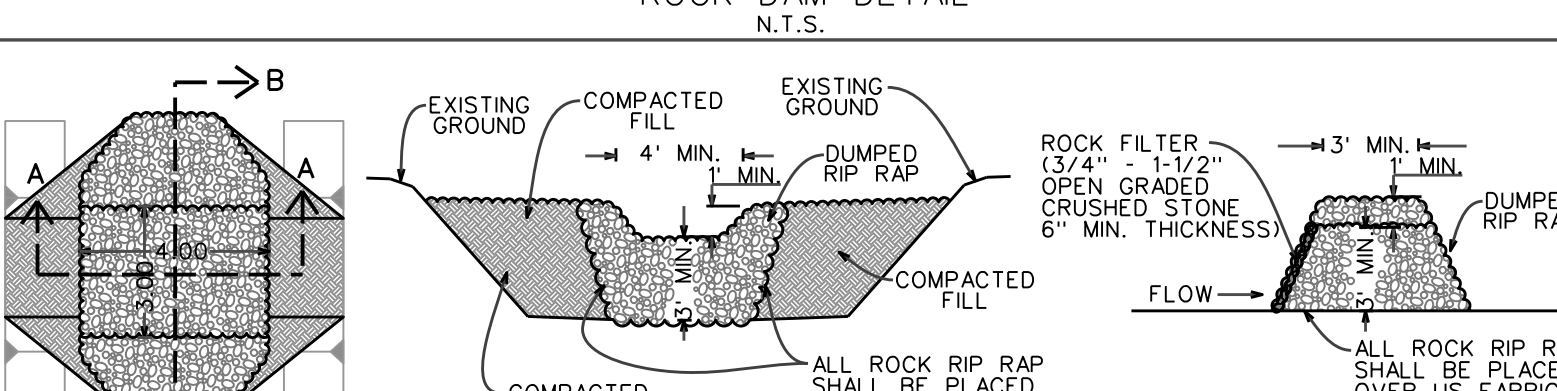
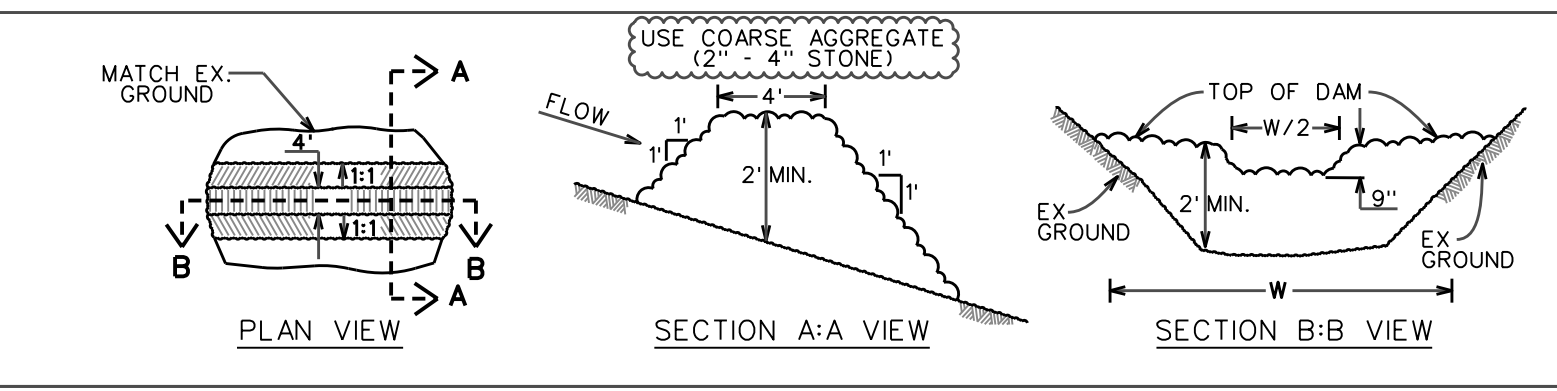
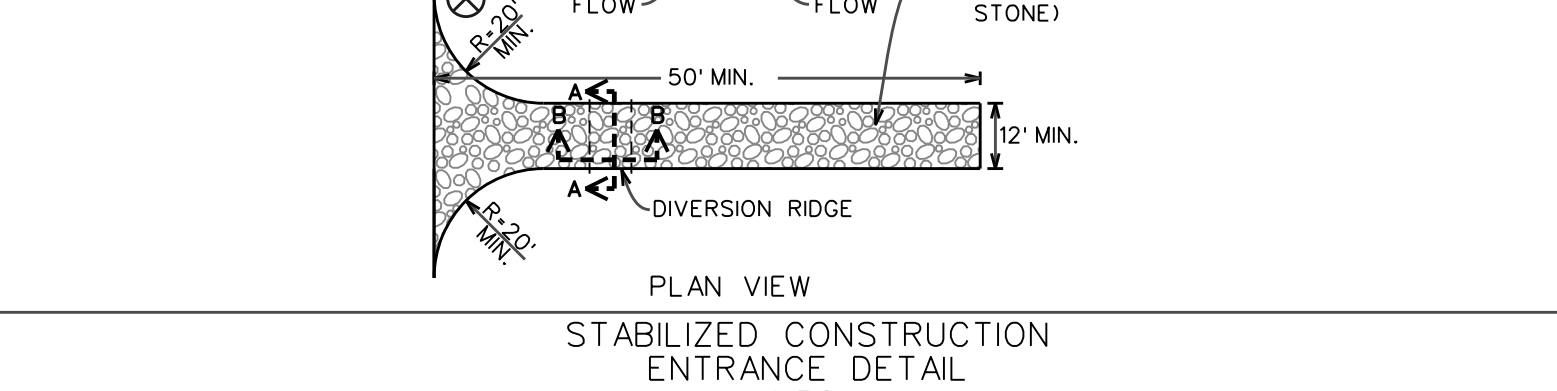
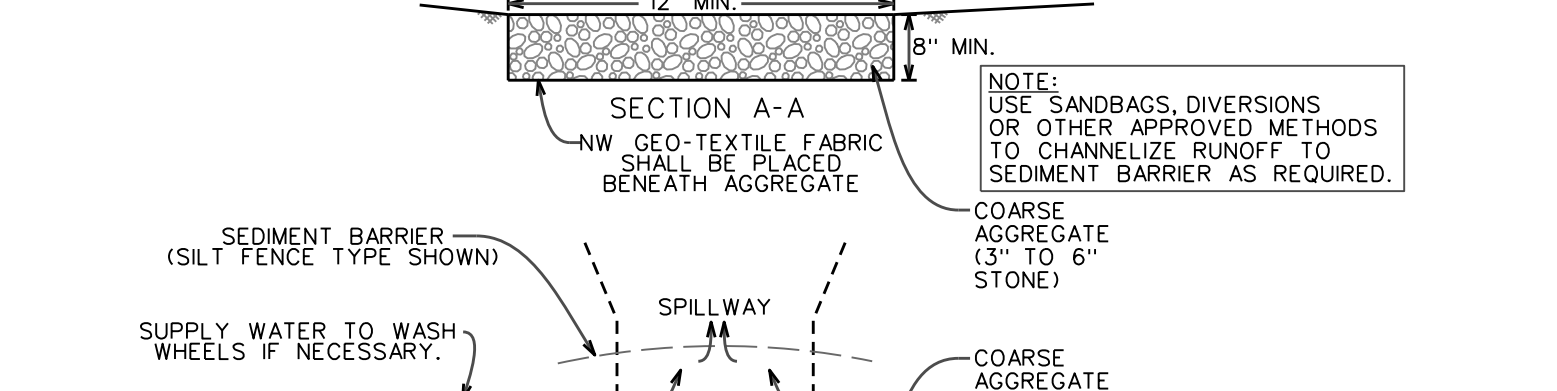
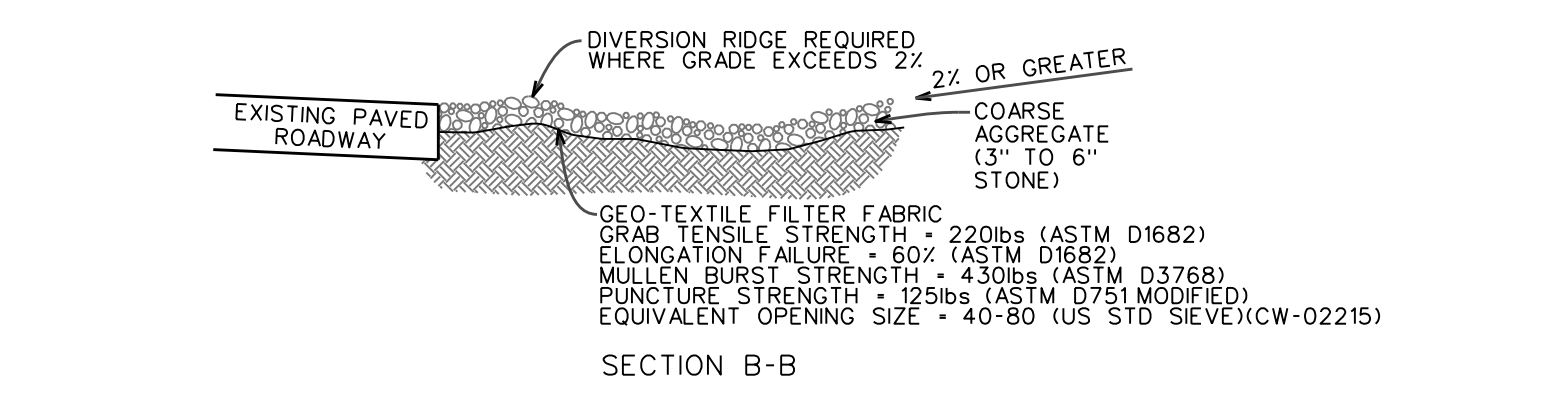
-DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
-FIRE HYDRANT FLUSHINGS.
-WATER USED TO WASH VEHICLES OR CONTROL DUST.
-POTABLE WATER SOURCES (INCLUDING WATERLINE FLUSHINGS CONTAINING LESS THAN 1000 GALLONS).

SILT FENCE GENERAL NOTES:

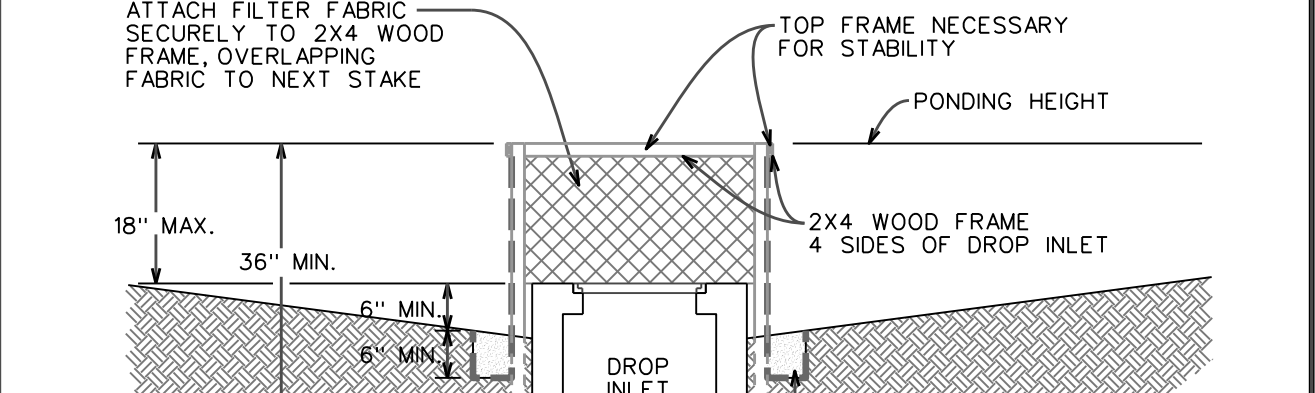
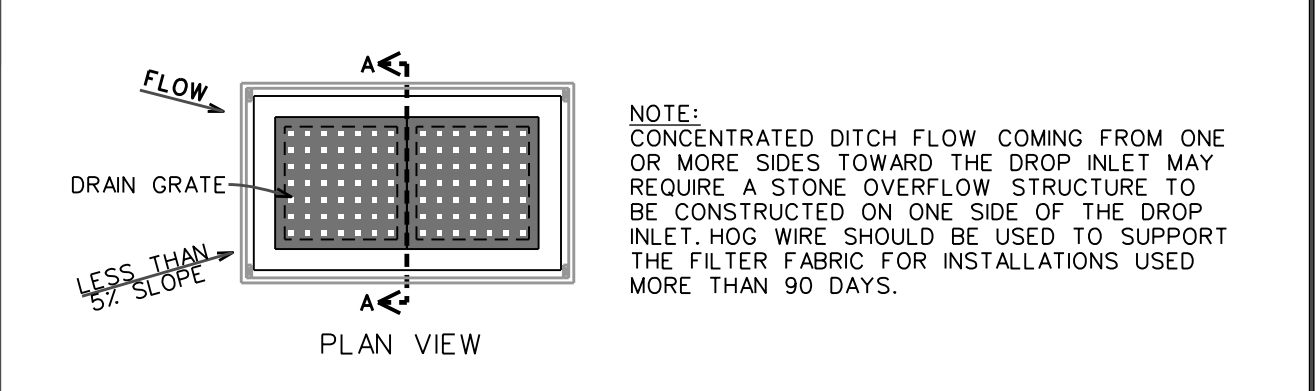
1. STEEL POST WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWN SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED (E.G. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON THE UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.

STABILIZED CONSTRUCTION ENTRANCE GENERAL NOTES:

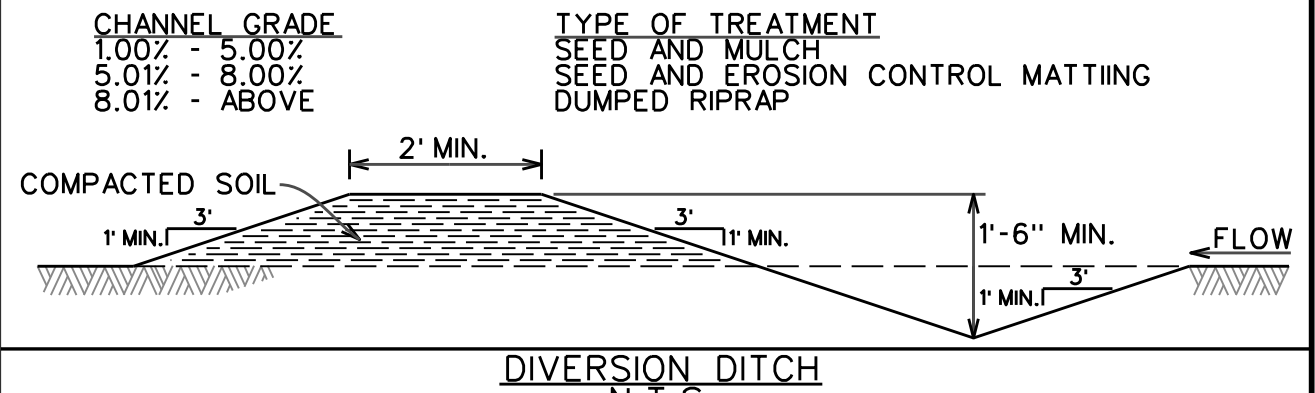
1. STONE SHALL BE 3 TO 6 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED PORTLAND CEMENT CONCRETE.
2. LENGTH SHALL BE SHOWN ON PLANS WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL OTHER CASES SHALL BE 50 FEET.
3. THE THICKNESS SHALL NOT BE LESS THAN 8 INCHES.



NOTES:
1. EXCAVATION FOR PLACEMENT OF RIPRAP WILL NOT BE MEASURED FOR PAYMENT.
2. IF CULVERT IS ARCH OR ELLIPTICAL PIPE USE EQUIVALENT SIZE CIRCULAR PIPE FOR 'D'.
3. THE MAXIMUM RIPRAP PIECE SIZE SHALL NOT BE GREATER THAN 18" IN ANY DIMENSION AND APPROX. 50% OF THE MATERIAL SHALL CONSIST OF PIECES WEIGHING 35 POUNDS OR MORE.



NOTES:
- LONGITUDINAL SLOPE OF DITCH SHALL BE 1.00% MINIMUM.
- UNLESS NOTED OTHERWISE, INSTALL ROCK OR SAND BAG CHECKDAM 25' UPSTREAM OF DIVERSION DITCH OUTLET.
- STABILIZE CHANNEL BASED ON SLOPE AS LISTED BELOW:



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www.civilengineeringinc.com

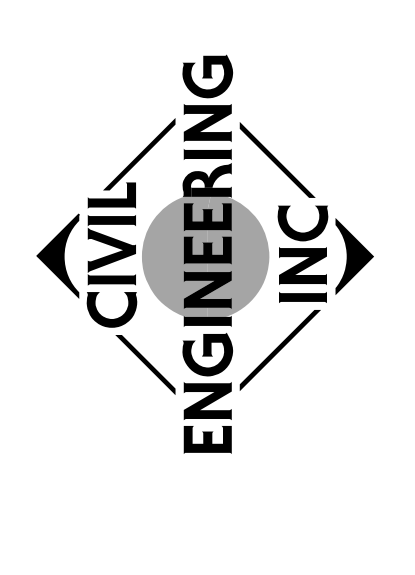


Table with 3 columns: REVISION, PER CITY COMMENTS, PER CITY COMMENTS. Row 1: 12/18/20, 01/07/21.

SEDIMENT AND EROSION CONTROL DETAILS

