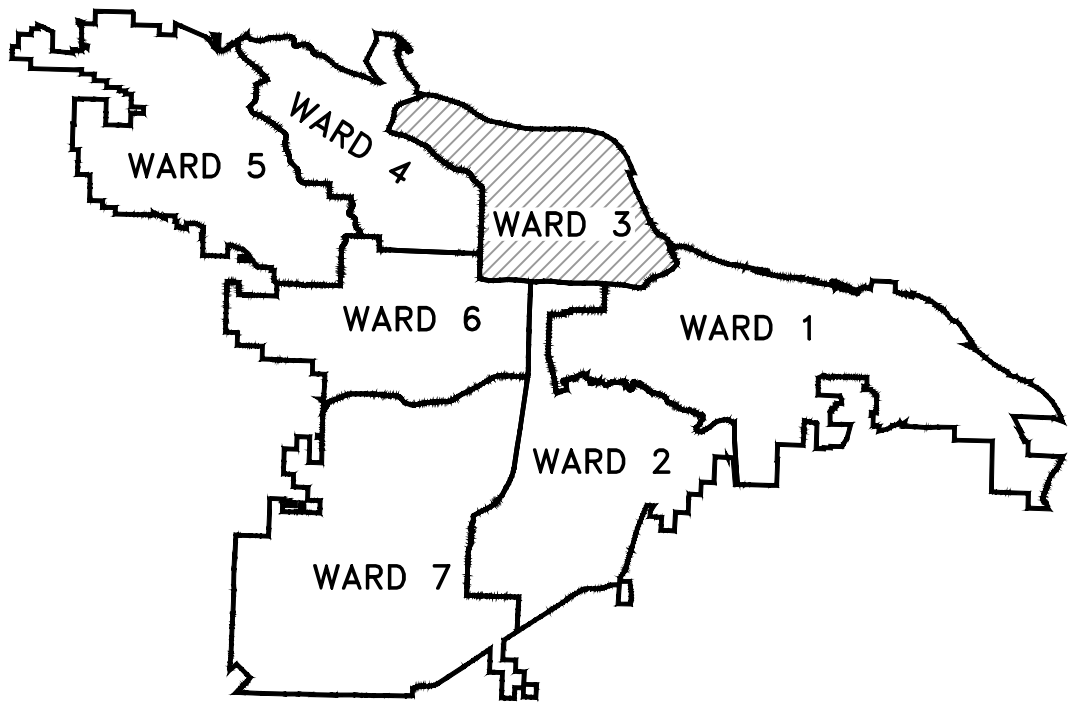
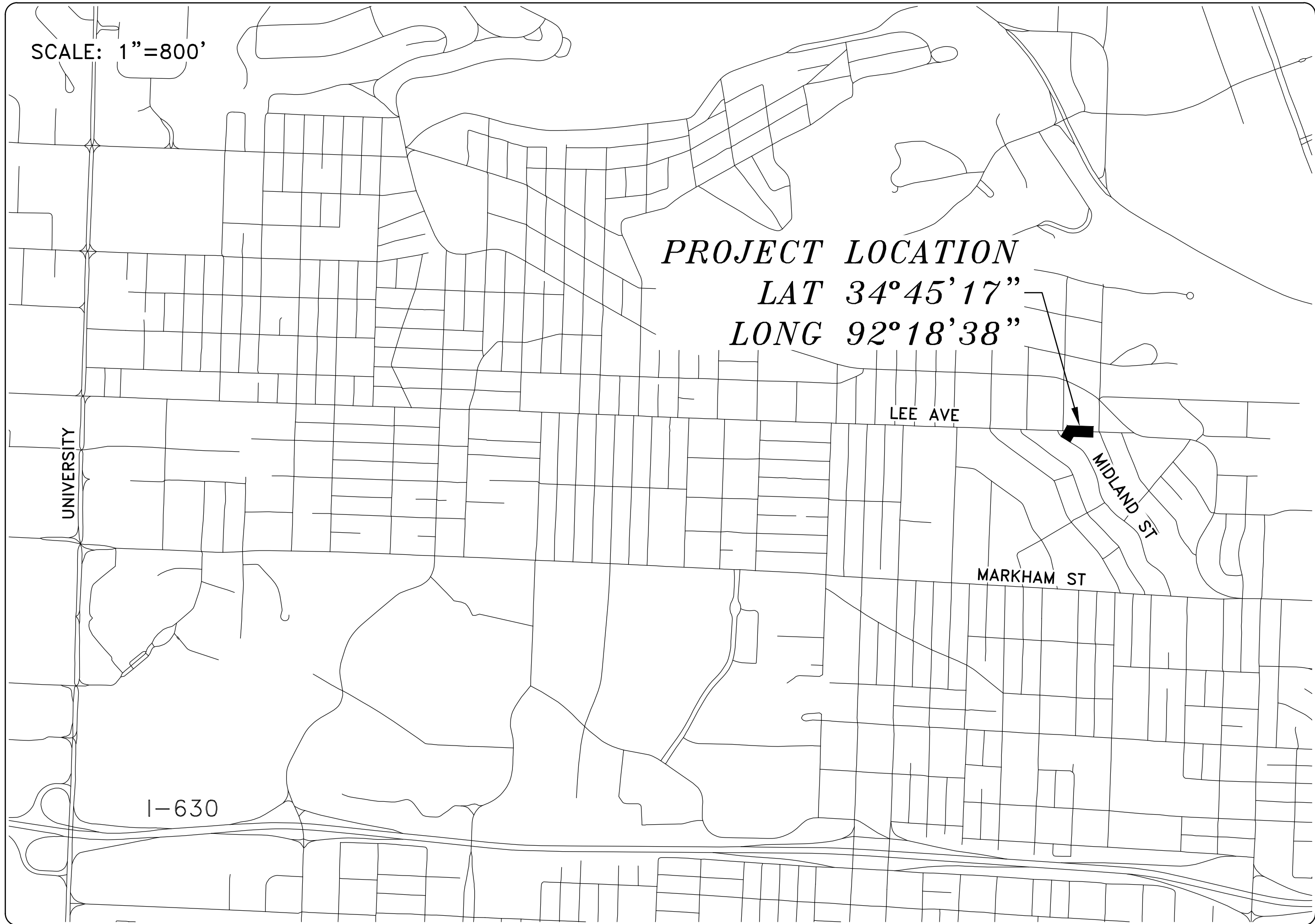
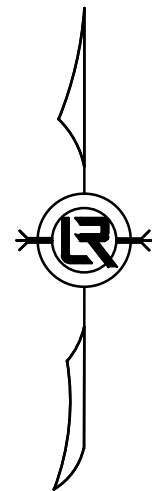


MIDLAND DRAINAGE

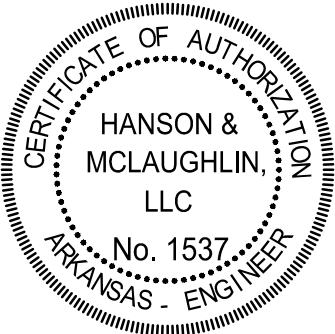


PROJECT LOCATION – WARD 3

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3	EXISTING CONDITIONS
C4	PLAN AND PROFILE
C5	EROSION CONTROL



Know what's below.
Call before you dig.



DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 WEST MARKHAM STREET
LITTLE ROCK, ARKANSAS 72201

HANSON & MCLAUGHLIN, LLC

320 EXECUTIVE COURT, SUITE 202
LITTLE ROCK, ARKANSAS 72205
(501) 716-2850

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MIDLAND DRAINAGE
COVER SHEET

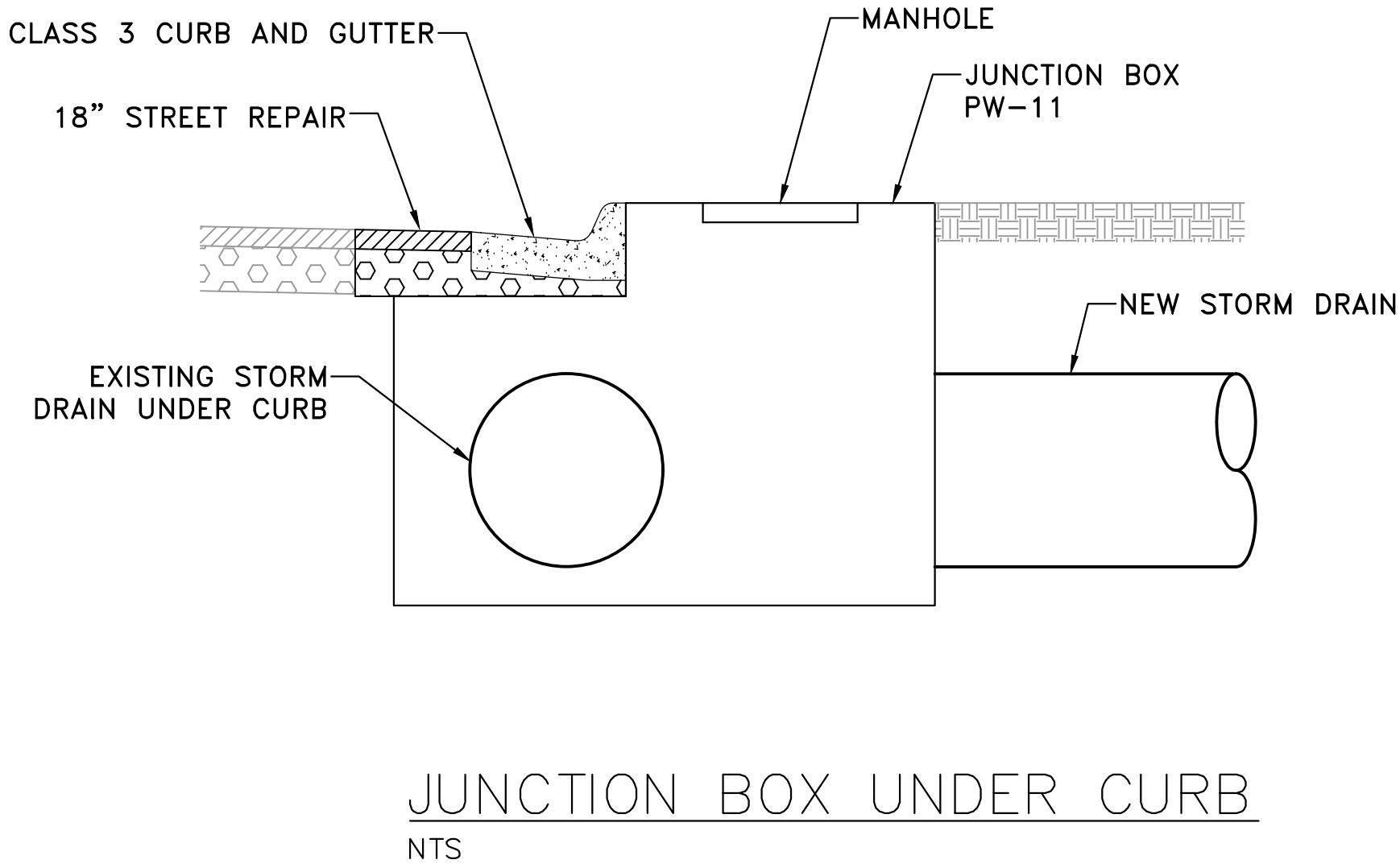
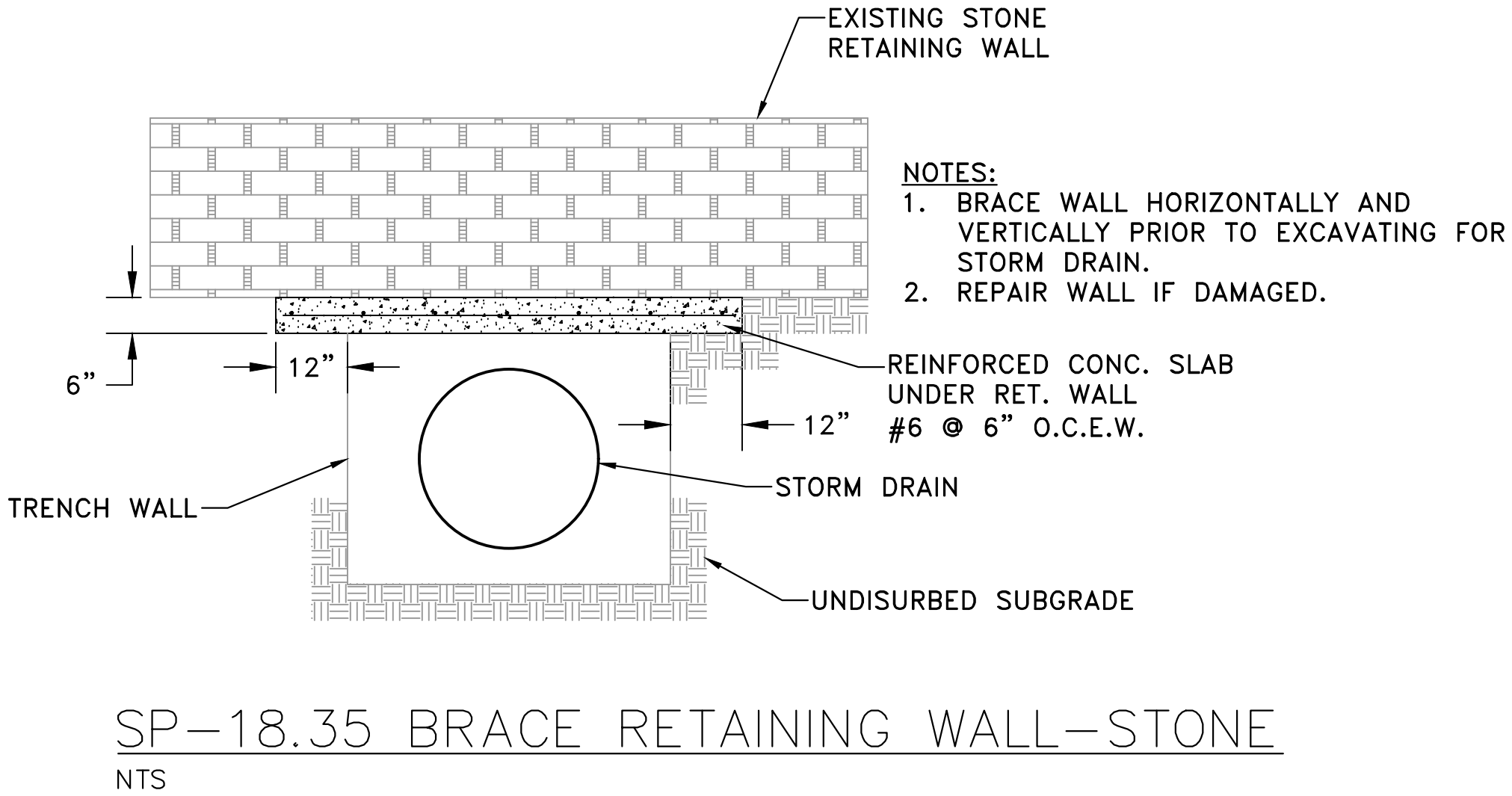
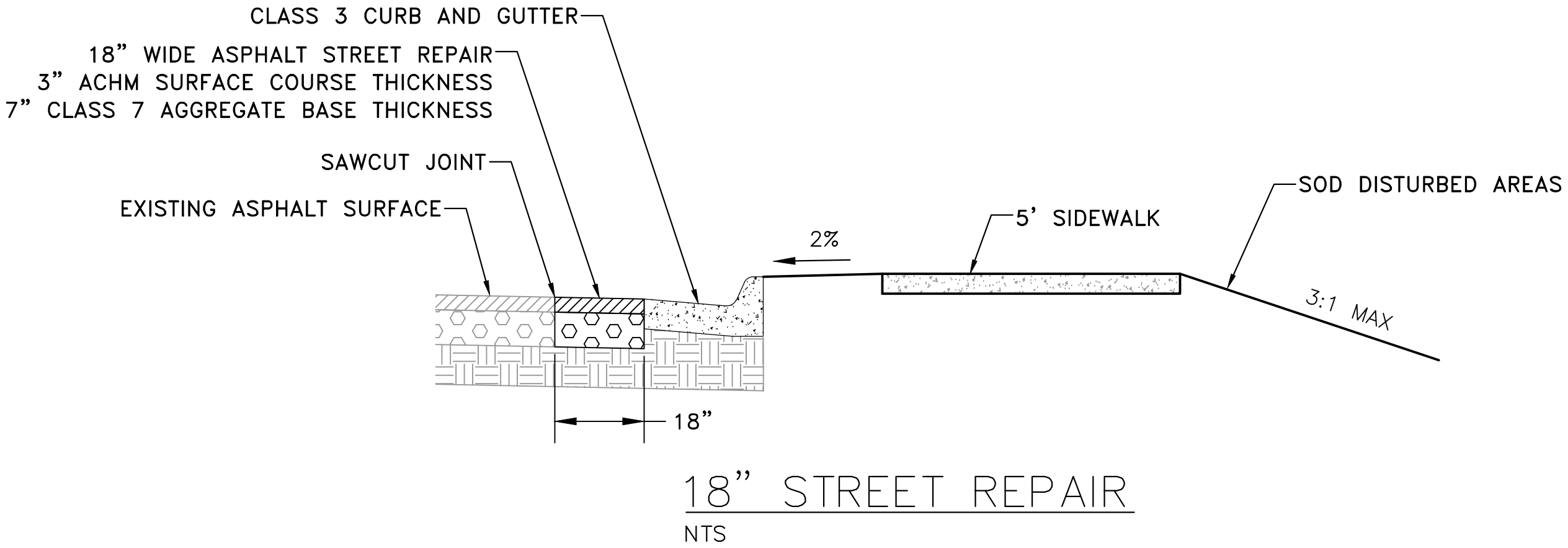
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY KMH
DESIGNED KMH
CHECKED FJS
DATE 12-8-2022
SCALE N.T.S.
PROJECT NO. WARD 3
SHEET NO. C1

MIDLAND DRAINAGE
DECEMBER 8, 2022

ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	Site Preparation (Incl. Mobilization)	LS	1
7.04	Concrete Driveway (6" Thick), Standard Finish	SF	439
8.03	Concrete Curb and Gutter (Class 3)	LF	34
9.04	Concrete Sidewalk (4" Thick)	SF	955
10.01	Junction Box	EA	1
10.04	Curb Inlet - 4' Box	EA	3
10.07	Wing 3' Extension	EA	2
13.24C	Storm Drain Pipes, 24", Side Drain	LF	252
13.63	Concrete Plug on Existing Storm Drain	EA	2
14.01	Solid Sodding (Bermuda) Includes 4" Topsoil	SY	200
15.40	Repair Irrigation (and Geothermal) System	LS	1
16.01	Maintenance of Traffic	LS	1
17.01	Pavement Repairs	SY	22
18.35	Brace Retaining Wall - Stone	LS	1
18.55	Water for Dust Control	GAL	10,000
19.01	Final Clean-Up	LS	1
24.06	Sediment Barrier, Silt Fence (SD1)	EA	4
24.09	Sediment Barrier, Block (SD4)	EA	4
24.11	Silt Fence - Type A (SFA)	LF	280
24.18	Disturbed Area Stabilization - Permanent Grassing (TS3)	AC	0.05
26.10	Trench & Excavation Safety	LS	1



EXISTING	PROPOSED
IRON ROD	CONTOUR
PK NAIL	SPOT ELEVATION
R.R. SPIKE	SPOT CURB ELEVATION
CONC. MONUMENT	STORM SEWER - PIPE
WATER VALVE	STORM SEWER - MITERED END SECTION
WATER METER	STORM SEWER - GRATE INLET
FIRE HYDRANT	STORM SEWER - JUNCTION BOX
GAS METER	STORM SEWER - FLARED END SECTION
GAS VALVE	STORM SEWER - HEADWALL
CLEAN-OUT	STORM SEWER - INLET WITH SINGLE EXTENSION
GUARD POST (BOLLARD)	STORM SEWER - INLET WITH DOUBLE EXTENSION
SIGN POST	STORM SEWER - AREA INLET
BENCHMARK	GRADE BREAK LINE
STORM SEWER MANHOLE	HIGH POINT
SANITARY SEWER MANHOLE	LOW POINT
TELEPHONE MANHOLE	CUT LINE
ELECTRIC MANHOLE	FILL LINE
TELEPHONE BOX	SANITARY SEWER PIPE
ELECTRIC BOX	SANITARY SEWER MANHOLE
CABLE BOX	CURB
UTILITY POLE	CONCRETE
GUY WIRE	CONSTRUCTION - ENTRANCE/EXIT
LIGHT POLE	CHECK DAM
POST OR POLE (TYPE AS NOTED)	DIVERSION BERM
MAILBOX	DOWNDRAIN STRUCTURE - TEMPORARY
DECIDUOUS TREE	ROCK DAM
EVERGREEN/CONIFEROUS TREE	SEDIMENT BARRIER - SILT FENCE
BUSH	SEDIMENT BARRIER - GRAVEL RING
PROPERTY LINE	SEDIMENT BARRIER - BLOCK & GRAVEL
SETBACK LINE	SEDIMENT BARRIER - BLOCK
EASEMENT LINE	TEMPORARY SEDIMENT BASIN
CURB	SILT FENCE - TYPE A
FENCE	SILT FENCE - TYPE B
OVERHEAD UTILITY	SILT FENCE - TYPE C
UNDERGROUND TELEPHONE	STORM DRAIN OUTLET PROTECTION
UNDERGROUND ELECTRIC	SURFACE ROUGHENING
WATER LINE	DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
SEWER LINE	DISTURBED AREA STABILIZATION -TEMPORARY GRASSING
GAS LINE	DISTURBED AREA STABILIZATION -PERMANENT GRASSING
STORM SEWER/CULVERT	MATTING/BLANKETS
CONTOUR LINE	

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

MIDLAND DRAINAGE

LEGEND AND QUANTITIES

DEPARTMENT OF PUBLIC WORKS

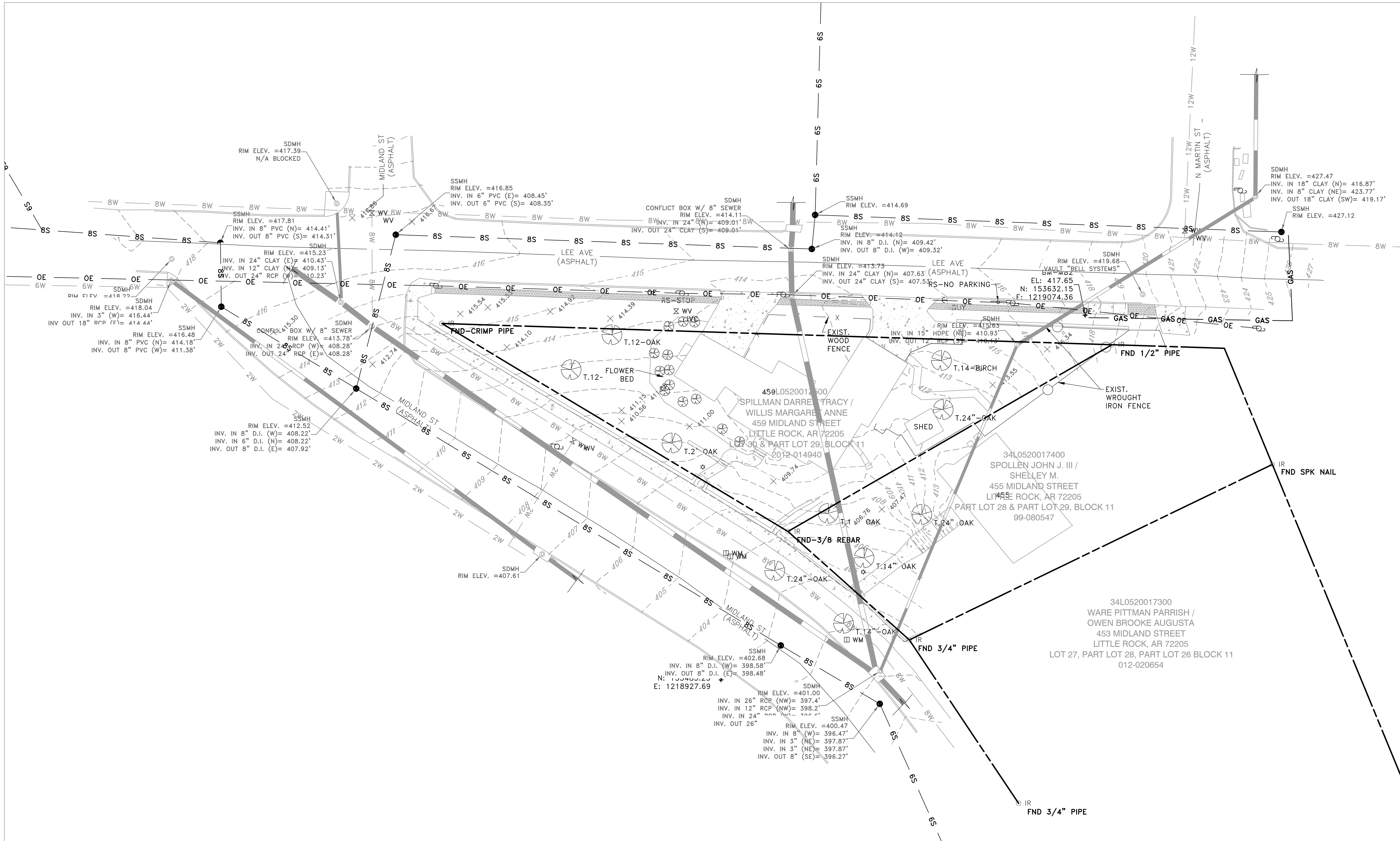
CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



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DESIGNED	KMH
CHECKED	FJS
DATE	12-8-2022
SCALE	N.T.S.
PROJECT NO.	WARD 3
SHEET NO.	C2



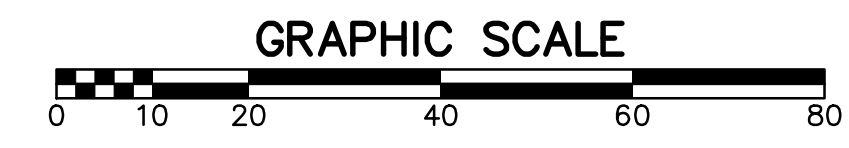
REVISIONS	DATE

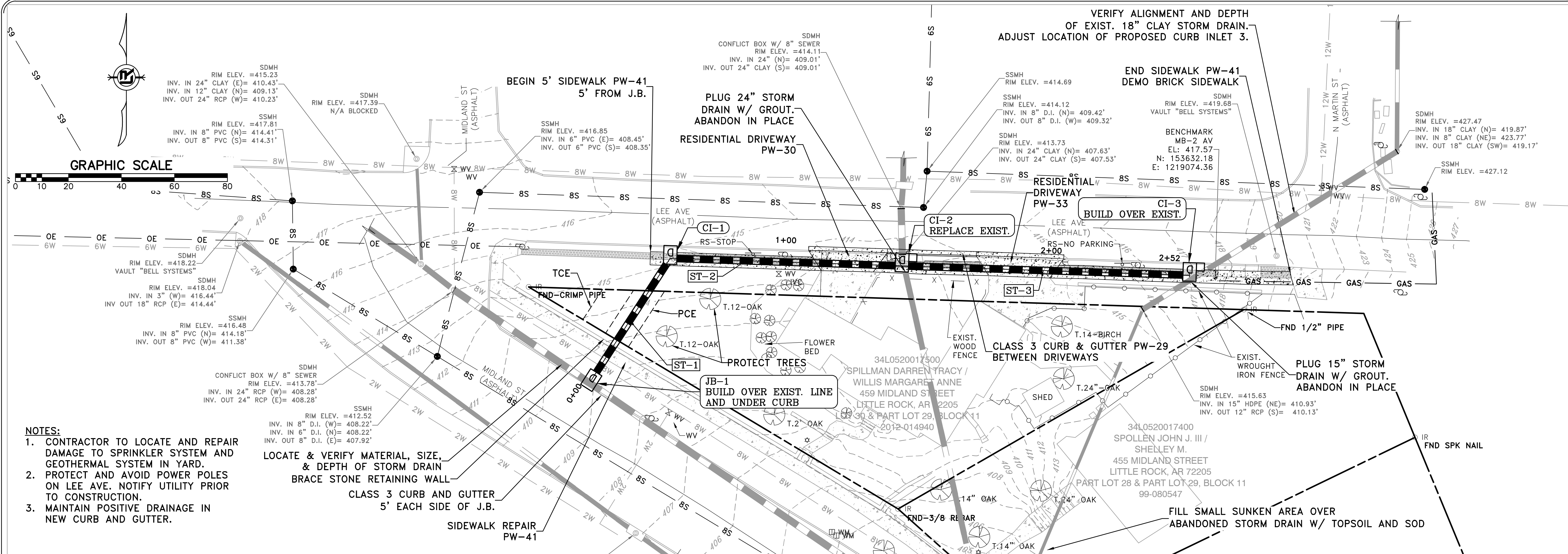
CITY OF LITTLE ROCK, ARKANSAS
MIDLAND DRAINAGE
EXISTING CONDITIONS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DEPARTMENT OF PUBLIC WORKS
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701 W. MARKHAM
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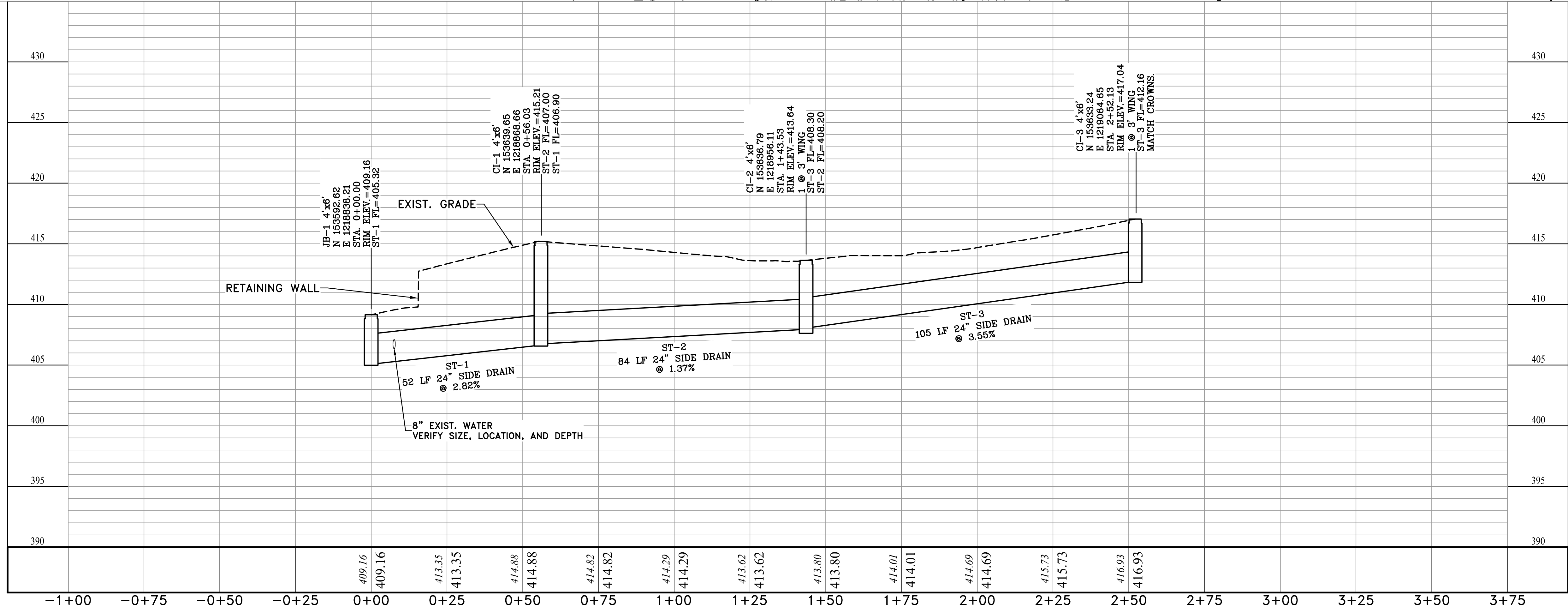
DRAWN BY KMH
DESIGNED KMH
CHECKED FJS
DATE 12-8-2022
SCALE 1"=20'
PROJECT NO. WARD 3
SHEET NO. C3





- NOTES:
1. CONTRACTOR TO LOCATE AND REPAIR DAMAGE TO SPRINKLER SYSTEM AND GEOTHERMAL SYSTEM IN YARD.
 2. PROTECT AND AVOID POWER POLES ON LEE AVE. NOTIFY UTILITY PRIOR TO CONSTRUCTION.
 3. MAINTAIN POSITIVE DRAINAGE IN NEW CURB AND GUTTER.

LOCATE & VERIFY MATERIAL, SIZE, & DEPTH OF STORM DRAIN
BRACE STONE RETAINING WALL
CLASS 3 CURB AND GUTTER
5' EACH SIDE OF J.B.
SIDEWALK REPAIR
PW-41



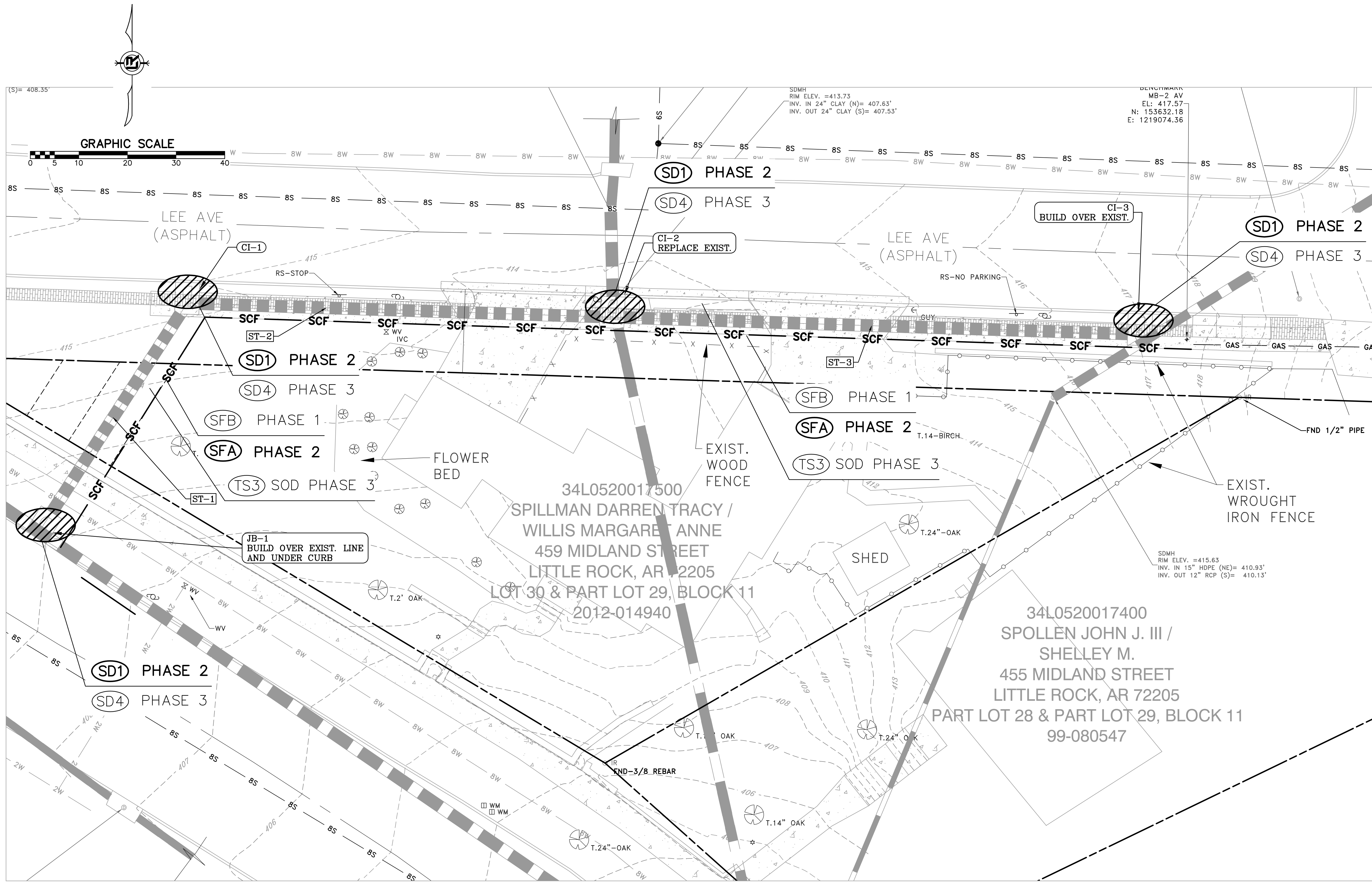
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MIDLAND DRAINAGE
PLAN AND PROFILE

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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PROJECT NO. WARD 3
SHEET NO. C4



PHASING LEGEND
PHASE 1 (INITIAL STRIP AND DEMOLITION)
PHASE 2 (NEW DRAINAGE AND BASE COURSE IN PLACE)
PHASE 3 (PAVED, GRASS NOT YET ESTABLISHED)

REVISIONS

DATE

CITY OF LITTLE ROCK, ARKANSAS

MIDLAND DRAINAGE

EROSION CONTROL

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS

REGISTERED PROFESSIONAL ENGINEER

No. 9681

KARL M. HANSON

12-8-2022

DRAWN BY

KMH

DESIGNED

KMH

CHECKED

FJS

DATE

12-8-2022

SCALE

1"=20'

PROJECT NO.

WARD 3

SHEET NO.

C5