



PRICING OF ESTIMATED QUANTITIES			
CLR# 03-15-DR-94			
MELLON AND H ST. DRAINAGE IMPROVEMENTS			
		9-Apr-24	
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	25
6.01	ASPHALT SURFACE COURSE	SY	30
8.01	CONCRETE CURB AND GUTTER	LF	350
10.01	REBUILD EXIST. CURB INLET TOP WITH 6' EXTENSION	EA	1
10.02	REVERSE CURB INLET	EA	2
10.03	CURB INLET WITH 6' EXTENSION	EA	1
10.04	REVERSE CURB INLET WITH 10' EXTENSION	EA	2
13.18S	STORM DRAIN PIPE, 18" (SIDE DRAIN)	LF	17
13.24S	STORM PIPE, 24" (SIDE DRAIN)	LF	162
13.24C	STORM DRAIN PIPE, 24"	LF	90
13.24F	24" FLARED END SECTION	EA	1
14.01	SOLID SODDING	SY	110
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.01	CUT AND REPAIR EXISTING STREET SURFACE	SY	190
18.01	FENCE	LF	34
18.02	1' THICK RIP RAP (GROUTED)	SY	25
19.01	FINAL CLEANUP	LS	1
24.01	SILT FENCE	LF	50
24.02	ROCK DITCH CHECK	CY	5
24.03	INLET PROTECTION	EA	8
27.01	MILL ASPHALT PAVEMENT	SY	30
SP	AS BUILT DRAINAGE SURVEY	LS	1

EXISTING LEGEND	
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	POWER POLE
	POWER POLE W/ LIGHT
	SIGN
	TELEPHONE PEDESTAL
	SEWER MANHOLE
	EXISTING LIGHT POLE
	EXISTING TREE
	EXISTING CURB INLET
	DRAINAGE OUTLET
	EXISTING STORM PIPE
	EXISTING OVERHEAD ELECTRIC
	EXISTING SANITARY SEWER
	EXISTING WATER
	EXISTING GAS
	EXISTING BURIED ELECTRIC
	EXISTING UNDERGROUND FIBER
	EXISTING EASEMENT
	INTERIOR CONTOUR (MINOR)
	INDEX CONTOUR (MAJOR)
	EXISTING FENCE
	EXISTING R.O.W.
	EXISTING CENTER LINE
	PROPERTY LINE

PROPOSED LEGEND	
	CURB INLET
	ADA PAINTED CROSSING
	FLARED END SECTION
	STORM DRAIN INLET/BOX
	WATER METER BOX
	WATER LINE FITTINGS
	WATER VALVE
	FIRE HYDRANT
	SEWER MANHOLE
	WATER LINES - SIZES VARY
	SEWER LINES - SIZES VARY
	UNDERGROUND ELECTRIC
	UNDERGROUND CABLE
	UNDERGROUND TELEPHONE
	GAS LINES - SIZES VARY
	UNDERGROUND FIBER OPTIC
	PROPOSED EASEMENT LINE
	PROPOSED STORM DRAIN
	INDEX CONTOUR (MAJOR)
	INDEX CONTOUR (MINOR)
	PROPOSED CURB & GUTTER

REVISIONS    DATE

CITY OF LITTLE ROCK, ARKANSAS

MELLON AND H ST. DRAINAGE IMPROVEMENTS

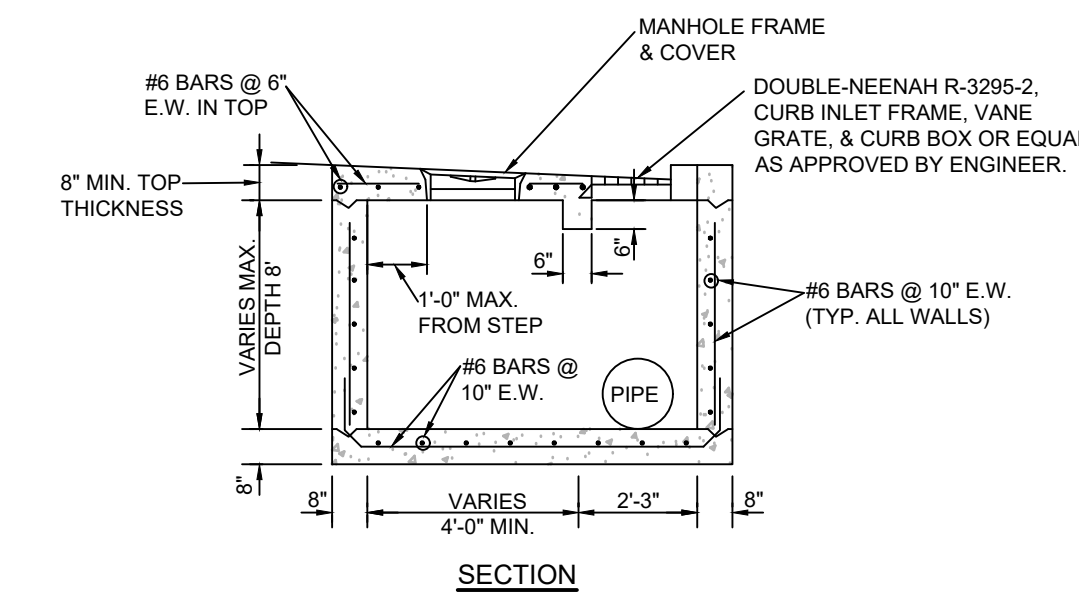
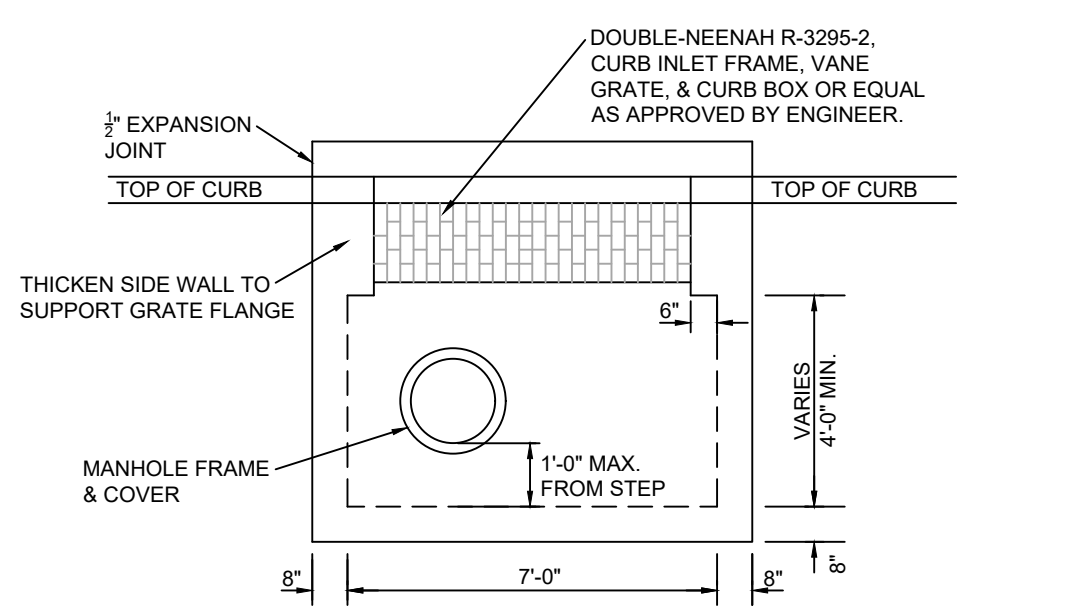
DEMOLITION PLAN - GRADING AND DRAINAGE PLAN

DEPARTMENT OF PUBLIC WORKS

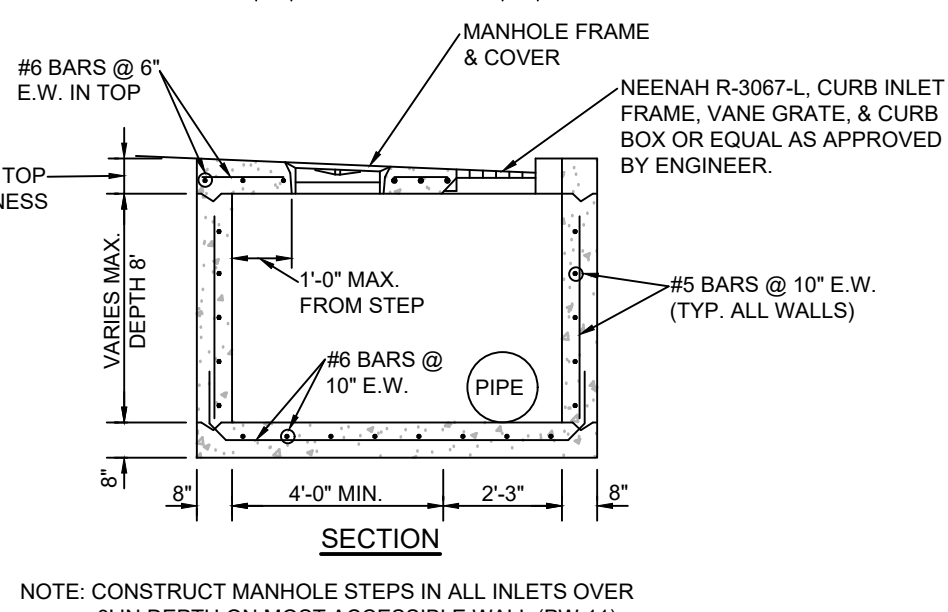
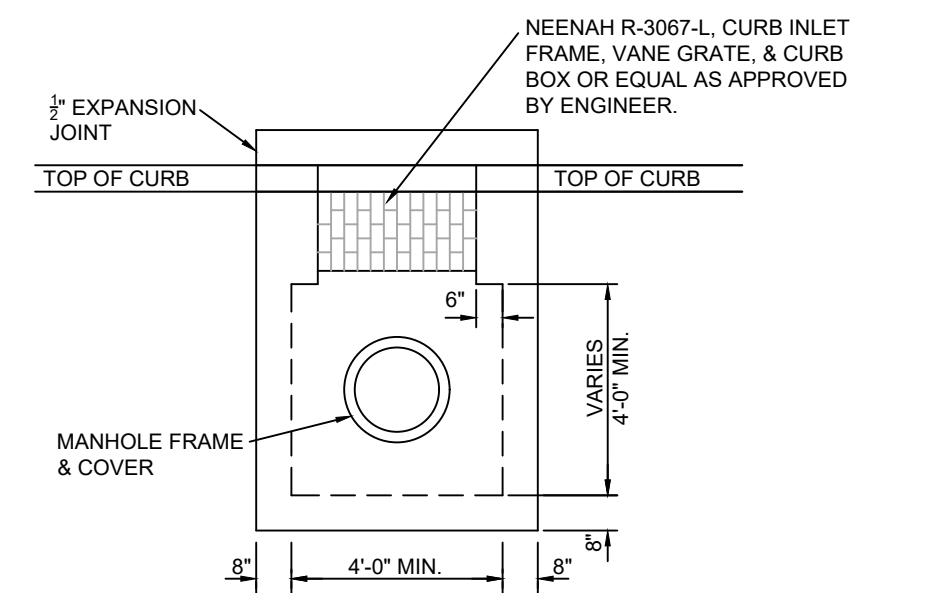
CIVIL ENGINEERING

701 W. MARKHAM

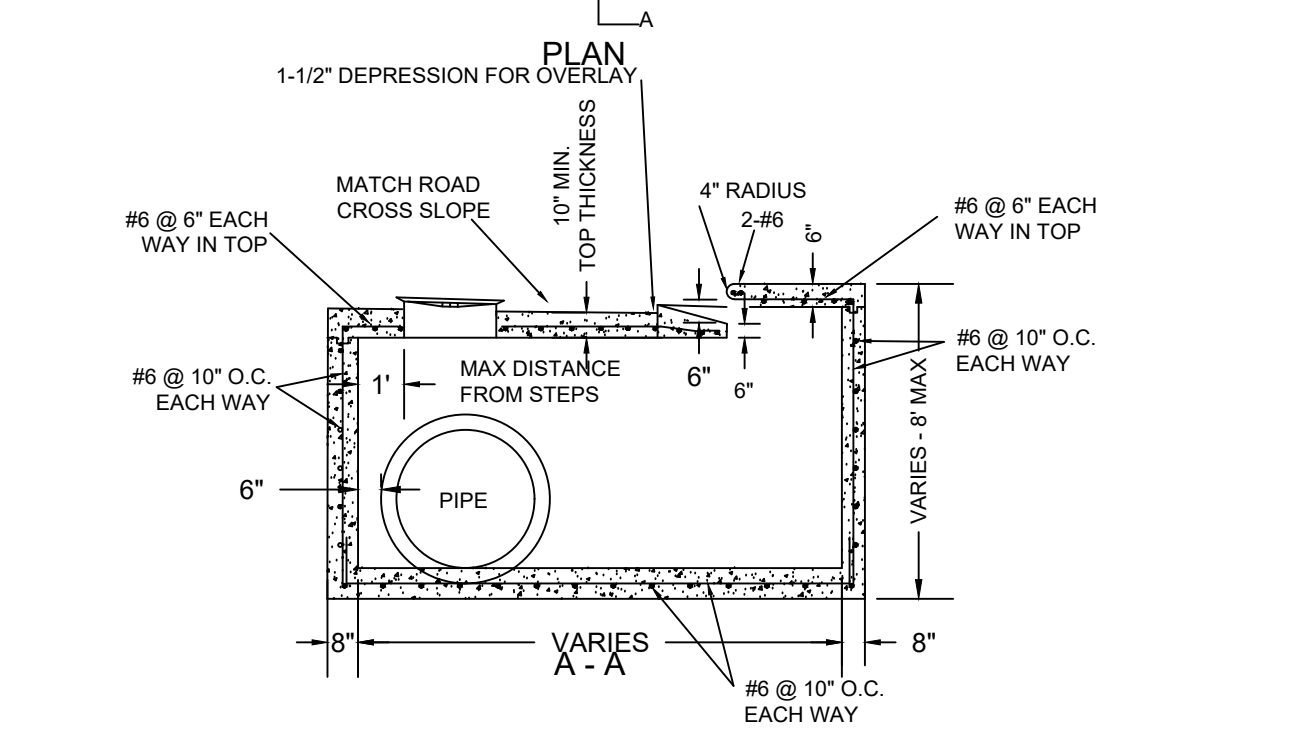
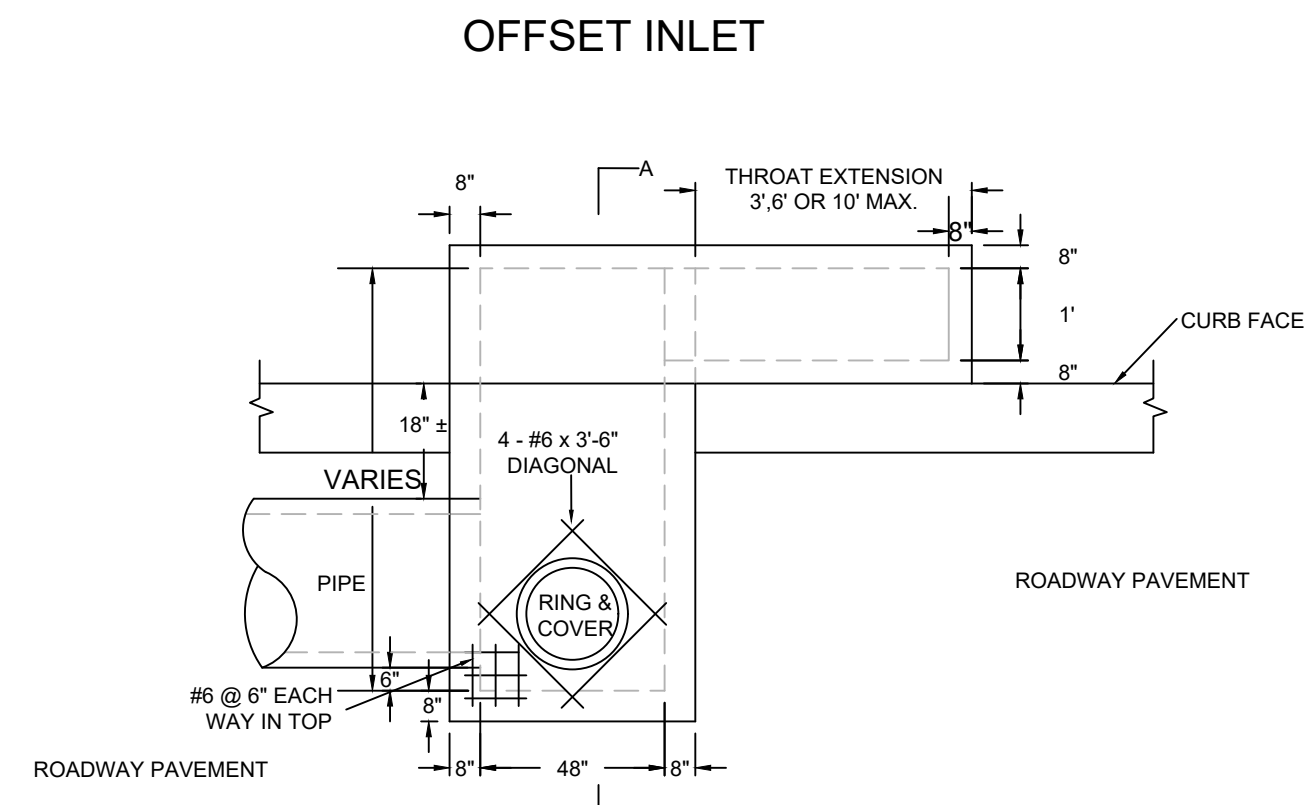
LITTLE ROCK, ARKANSAS 72201



1 COMBINATION INLET-DOUBLE  
N.T.S.



2 REVERSE CURB INLET-SINGLE  
N.T.S.



OFFSET INLET  
N.T.S.

DRAWN BY  
COF

DESIGNED  
COF

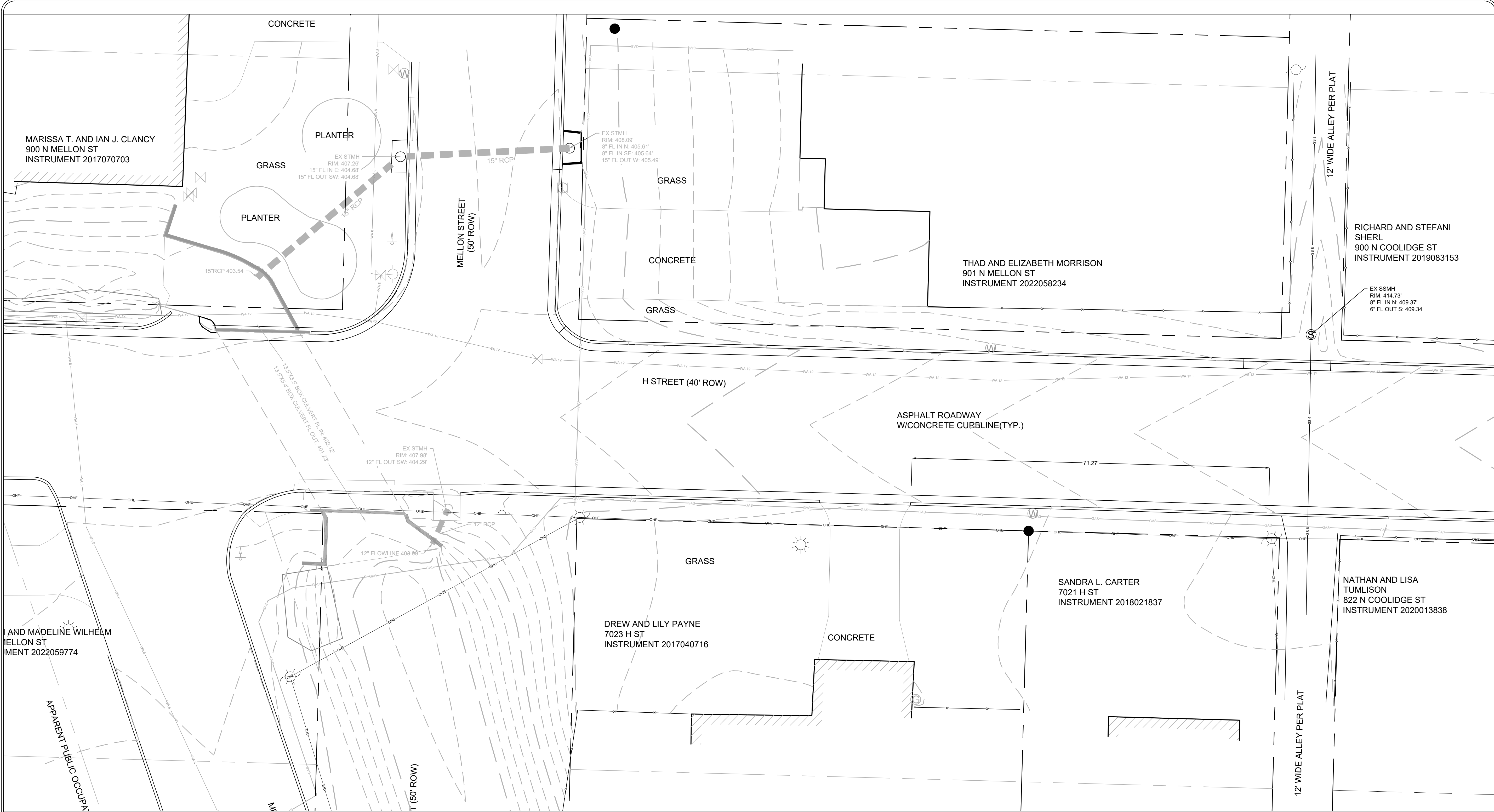
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BC

DATE  
04/09/2024

SCALE  
NTS

PROJECT NO.  
03-15-DR-94

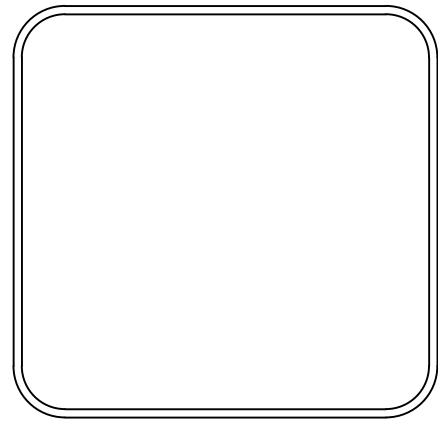
SHEET NO.  
C2



REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MELLON AND H ST. DRAINAGE IMPROVEMENTS**  
 TOPOGRAPHIC SURVEY

**DEPARTMENT OF PUBLIC WORKS**  
 CIVIL ENGINEERING  
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 LITTLE ROCK, ARKANSAS 72201



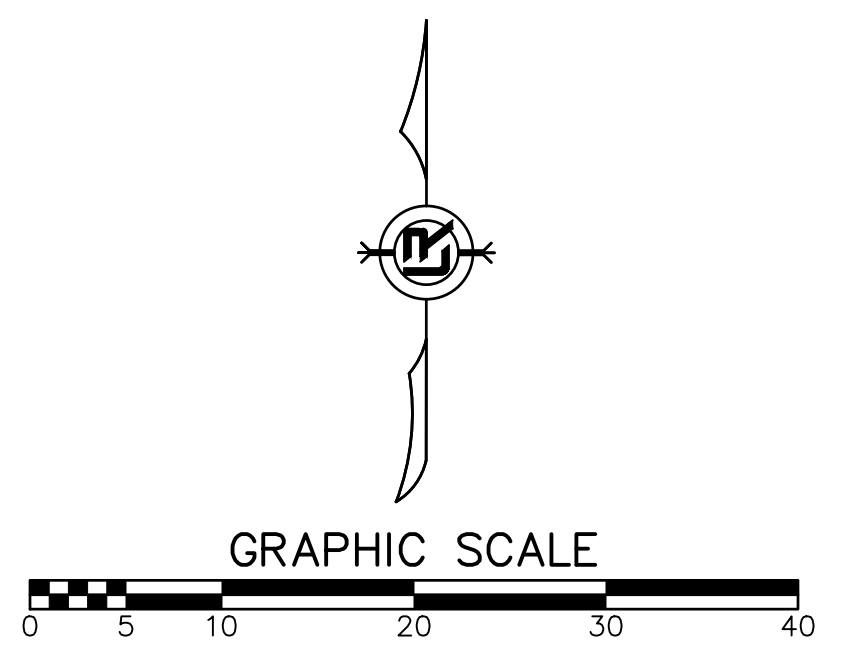
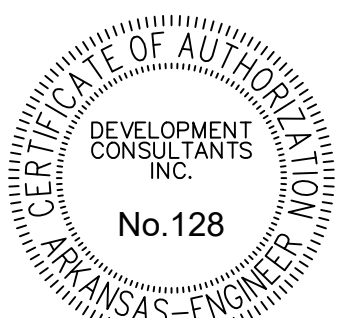
**Notes:**  
 Contour interval = 1'. Elevation basis is NAVD88, per GPS observation.  
 Survey was performed based on NAD83 (2011), per GPS observation.  
 Building lines shown hereon are to outside face of the building at ground level.  
 The locations of utilities as shown hereon are based on aboveground structures, markings and record documents. Locations of underground utilities may vary significantly from locations shown hereon. Additional buried utilities/structures may be encountered. No excavations were made during the progress of the survey to locate buried utilities/structures.  
 Based on scaled map location and graphic plotting only, part of the project area shown hereon is in Flood Zone X, and Flood Zone AE according to Flood Insurance Rate Map, City of Little Rock, Pulaski County, Arkansas, Community Panel Number 05119C0451H, Map Revised June 7, 2019.

**CERTIFICATION:**

I, Kenneth O. Beckwith, certify that a Boundary and Topographic Survey was performed on the Property shown hereon by a D.C.I. Field Crew under my supervision and this drawing is an accurate representation of the Survey results.

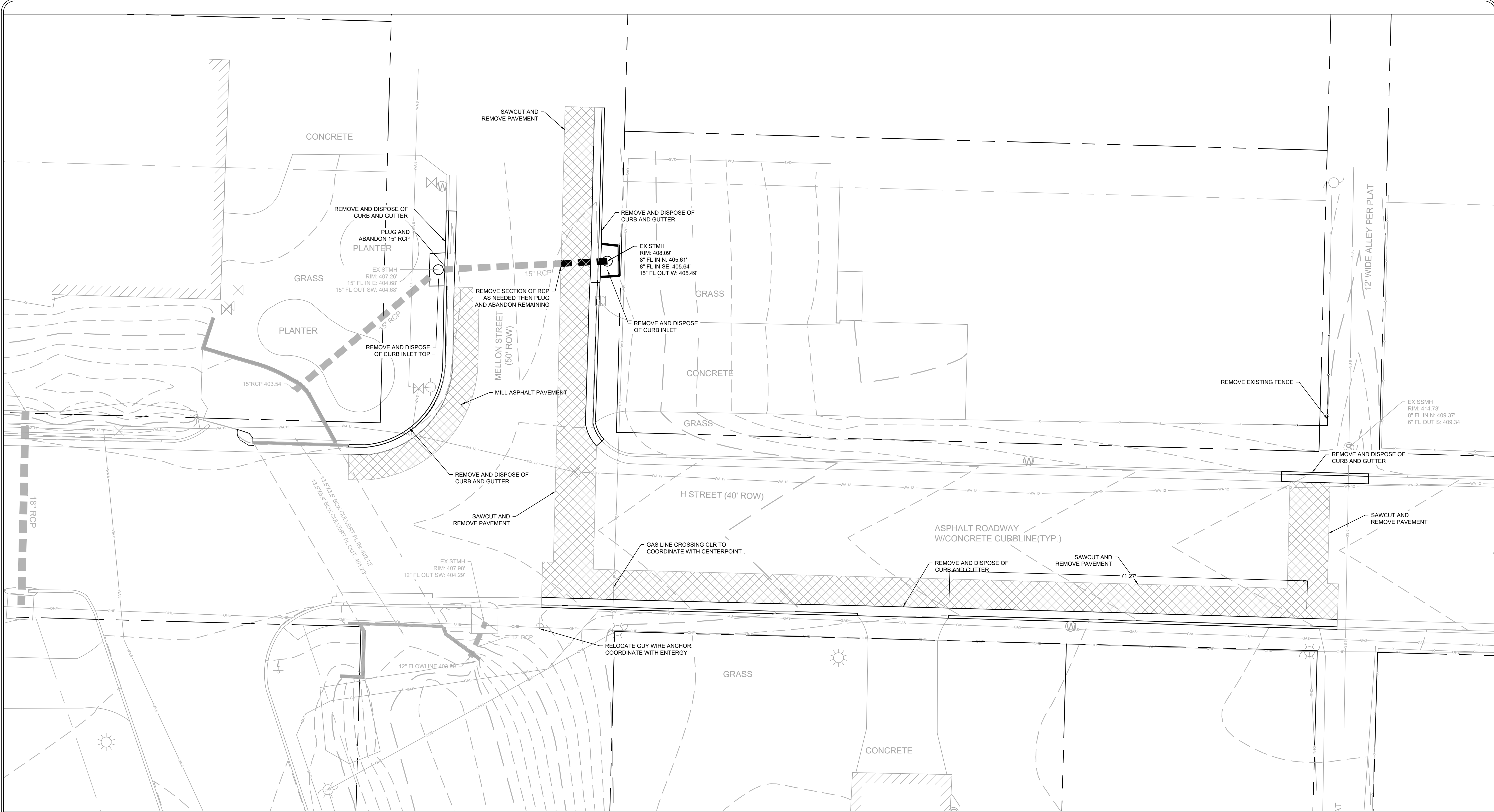
*Kenneth O. Beckwith*  
 Kenneth O. Beckwith  
 Arkansas Registered Professional  
 Land Surveyor No. 1645

10/04/2023  
 Date



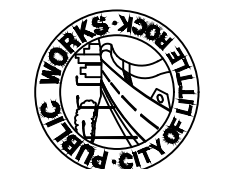
TOPOGRAPHIC SURVEY

<b>DRAWN BY</b>
<b>DESIGNED</b>
<b>CHECKED</b>
<b>DATE</b>
<b>SCALE</b>
<b>PROJECT NO.</b> 03-15-DR-94
<b>SHEET NO.</b> C2




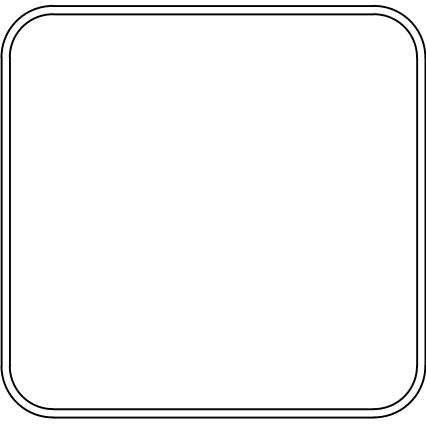
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MELLON AND H ST. DRAINAGE IMPROVEMENTS**  
**DEMOLITION PLAN**

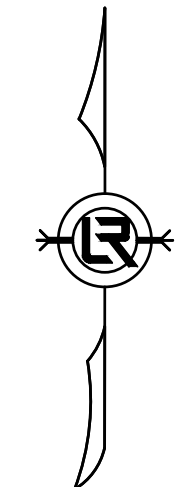


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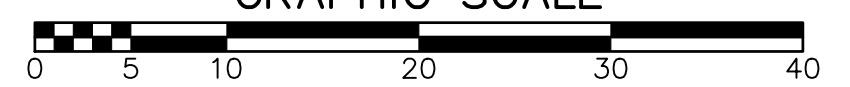




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<b>DESIGNED</b>	COF
<b>CHECKED</b>	BK
<b>DATE</b>	04/09/2024
<b>SCALE</b>	1" = 10'
<b>PROJECT NO.</b>	03-15-DR-94
<b>SHEET NO.</b>	<b>C4</b>



GRAPHIC SCALE

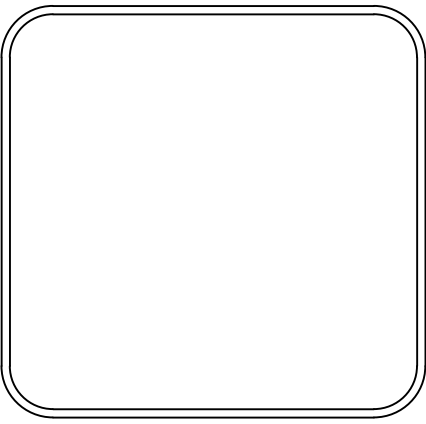


DEMOLITION PLAN

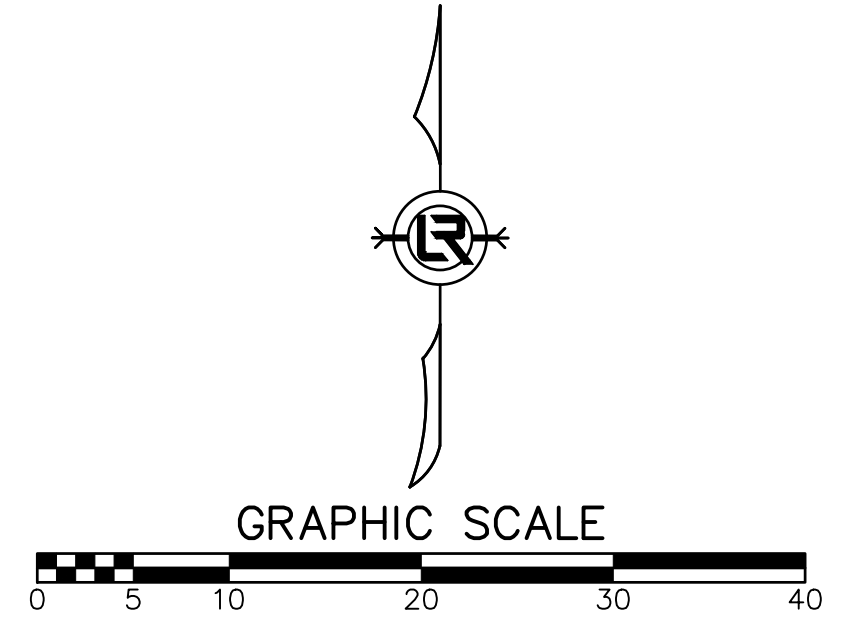
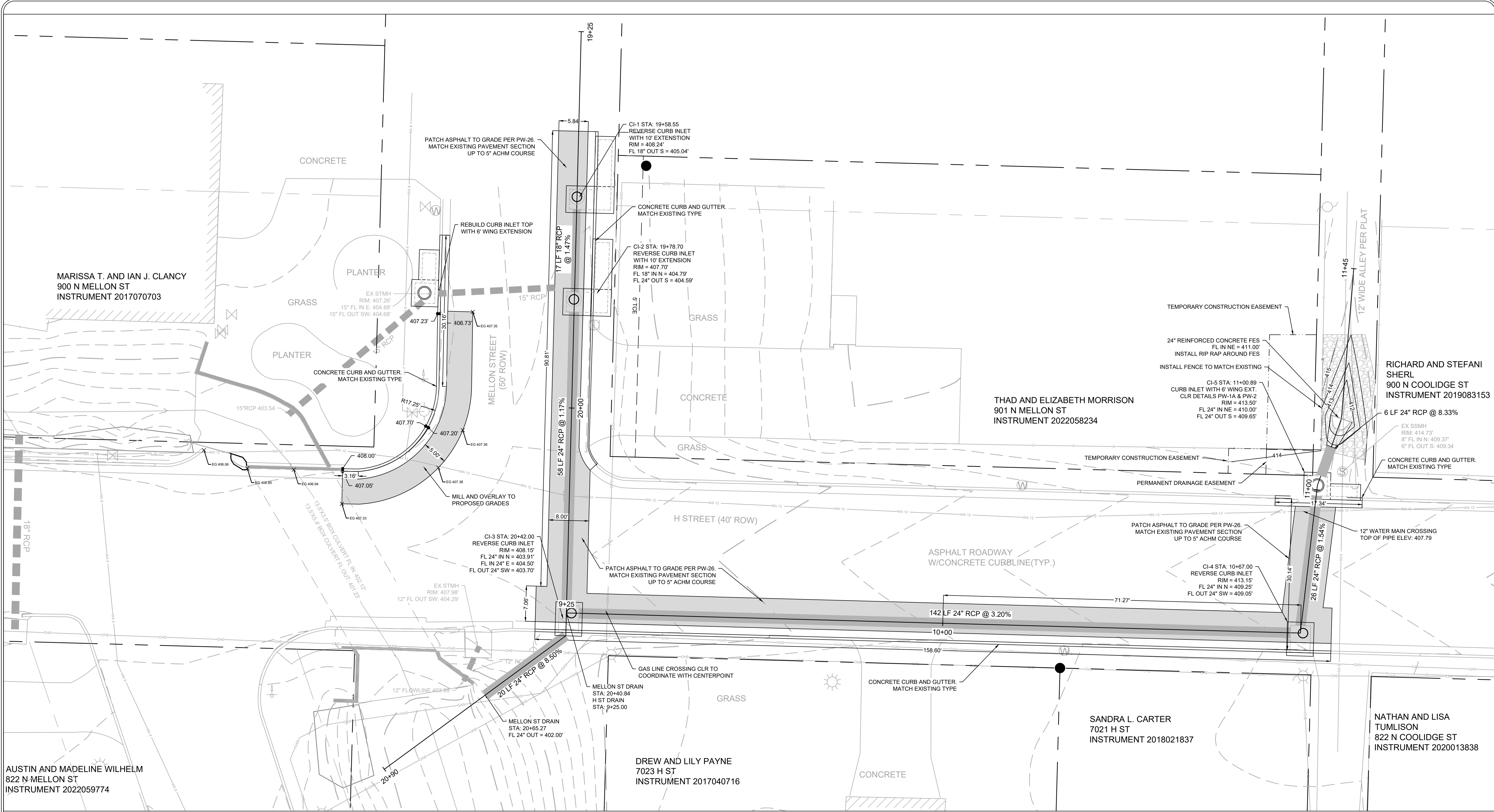
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**MELLON AND H ST. DRAINAGE IMPROVEMENTS**  
 OVERALL SITE PLAN

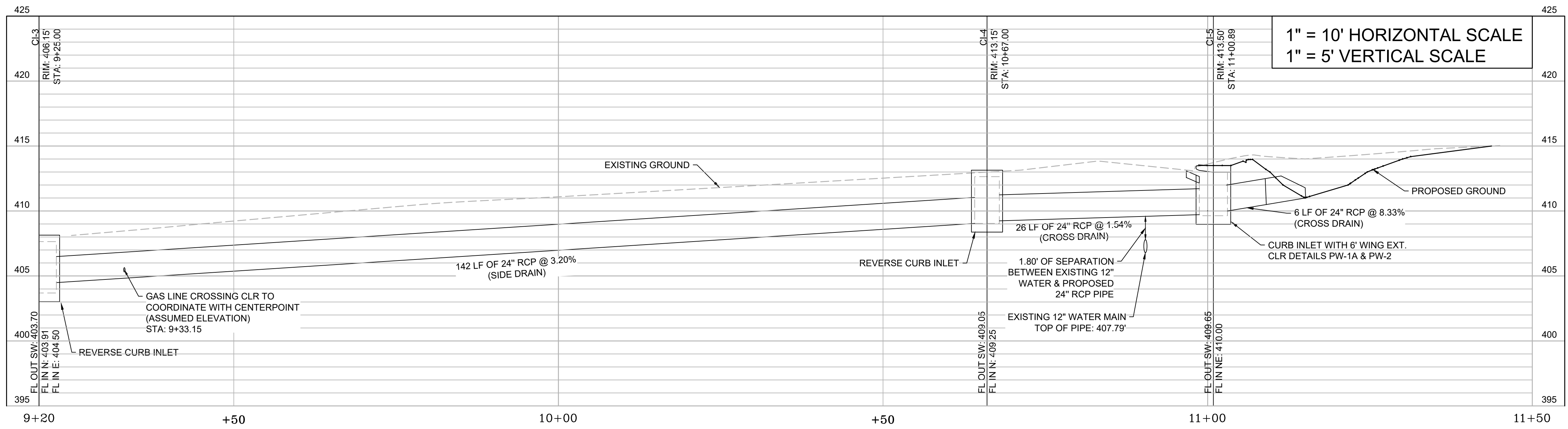
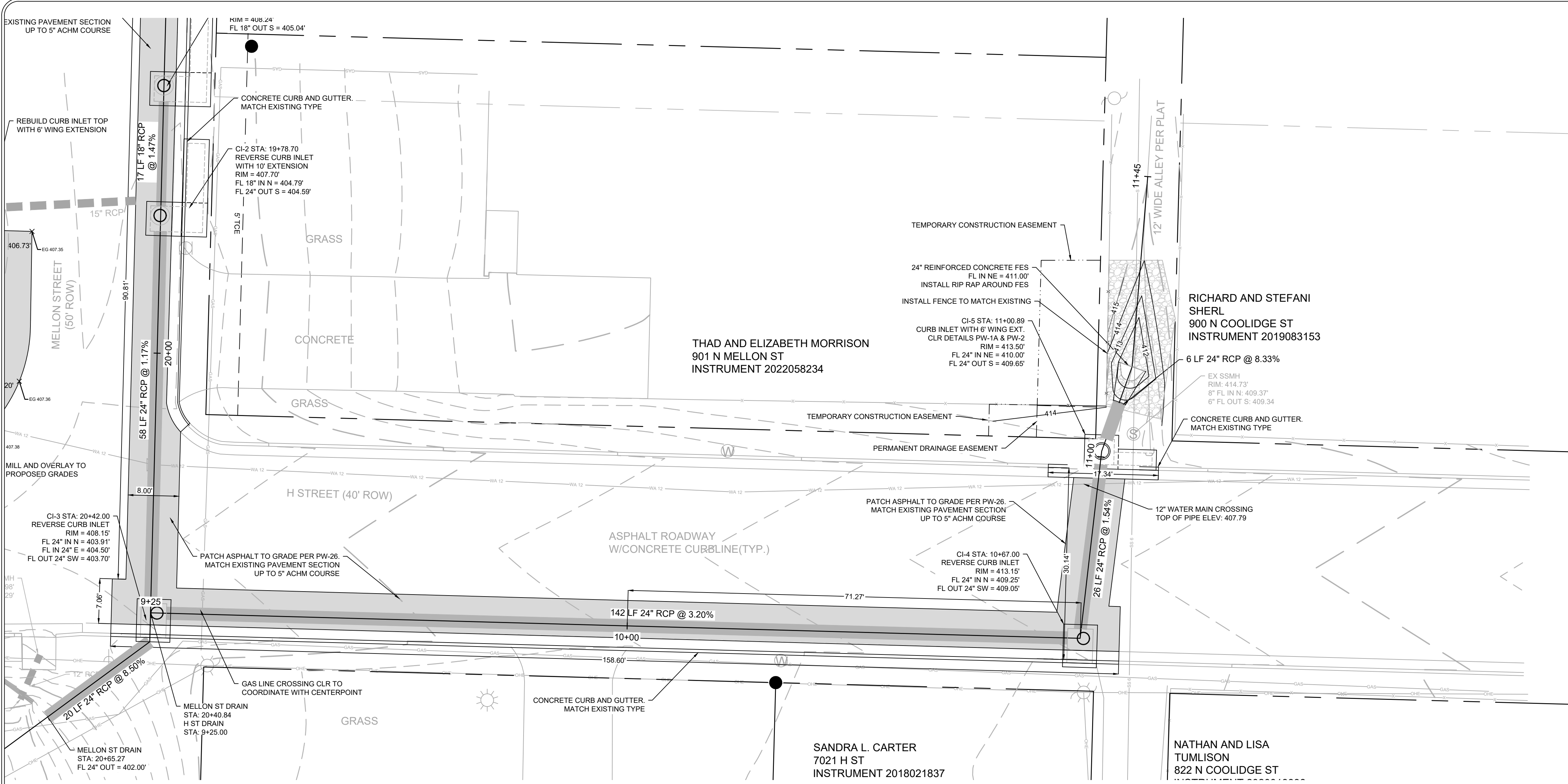
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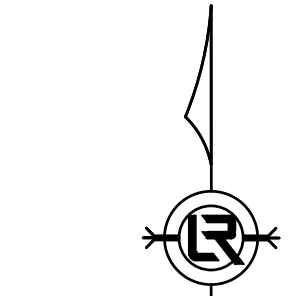
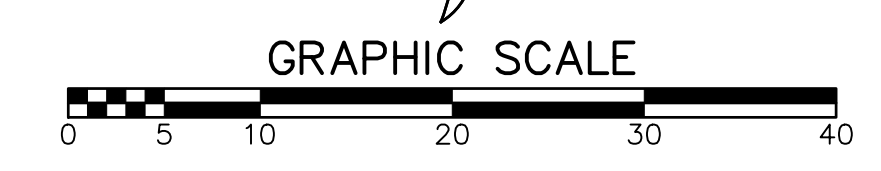
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COF  
**DESIGNED**  
COF  
**CHECKED**  
BK  
**DATE**  
04/09/2024  
**SCALE**  
1" = 10'  
**PROJECT NO.**  
03-15-DR-94  
**SHEET NO.**  
**C5**



OVERALL SITE PLAN



H ST DRAIN

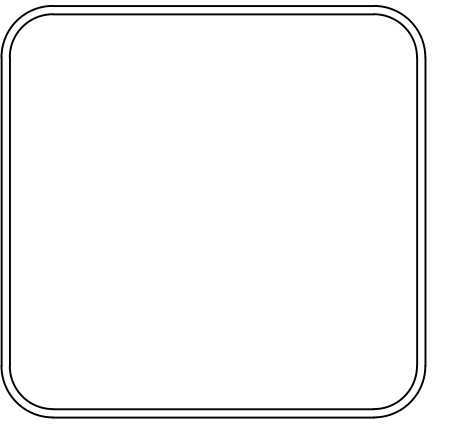


H ST. PLAN & PROFILE

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MELLON AND H ST. DRAINAGE IMPROVEMENTS  
 H STREET PLAN & PROFILE

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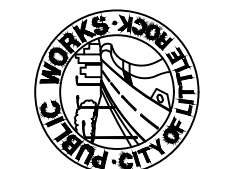
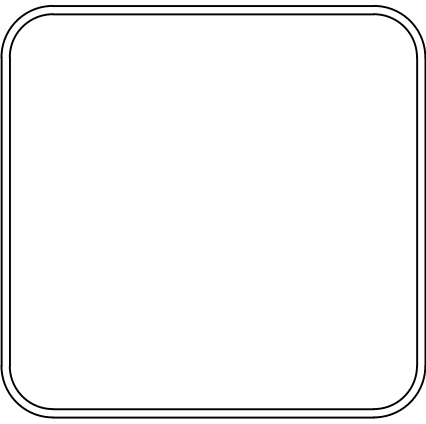


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 DESIGNED  
 COF  
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 DATE  
 04/09/2024  
 SCALE  
 1" = 10'  
 PROJECT NO.  
 03-15-DR-94  
 SHEET NO.  
**C6**

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**MELLON AND H ST. DRAINAGE IMPROVEMENTS**  
 MELLON STREET PLAN & PROFILE

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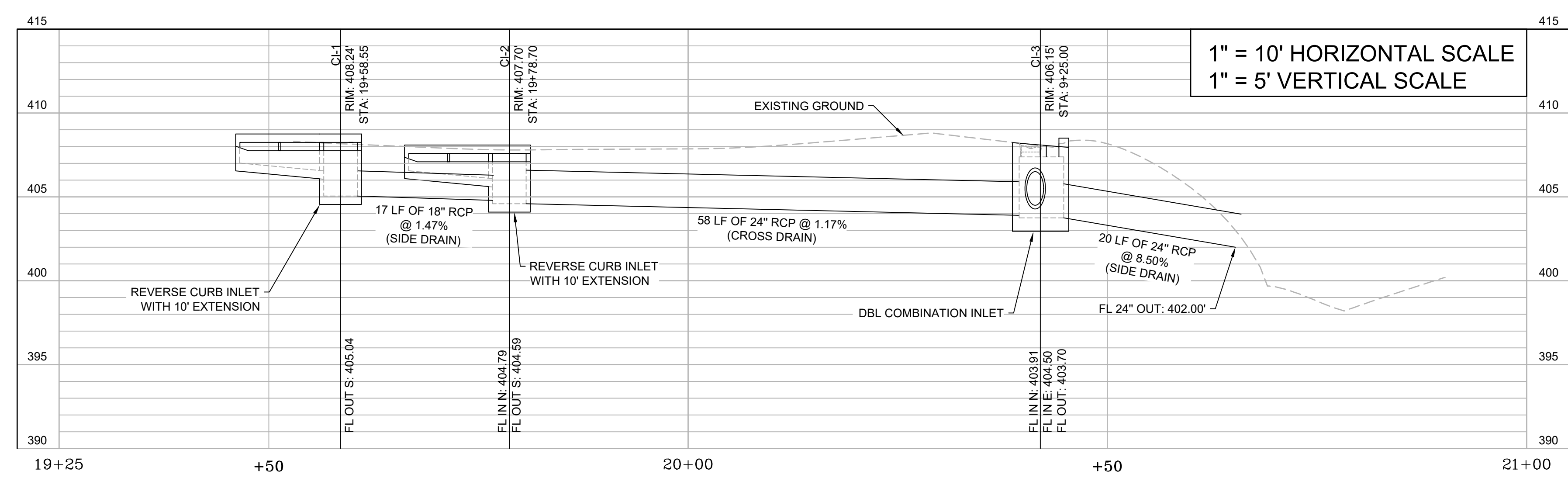
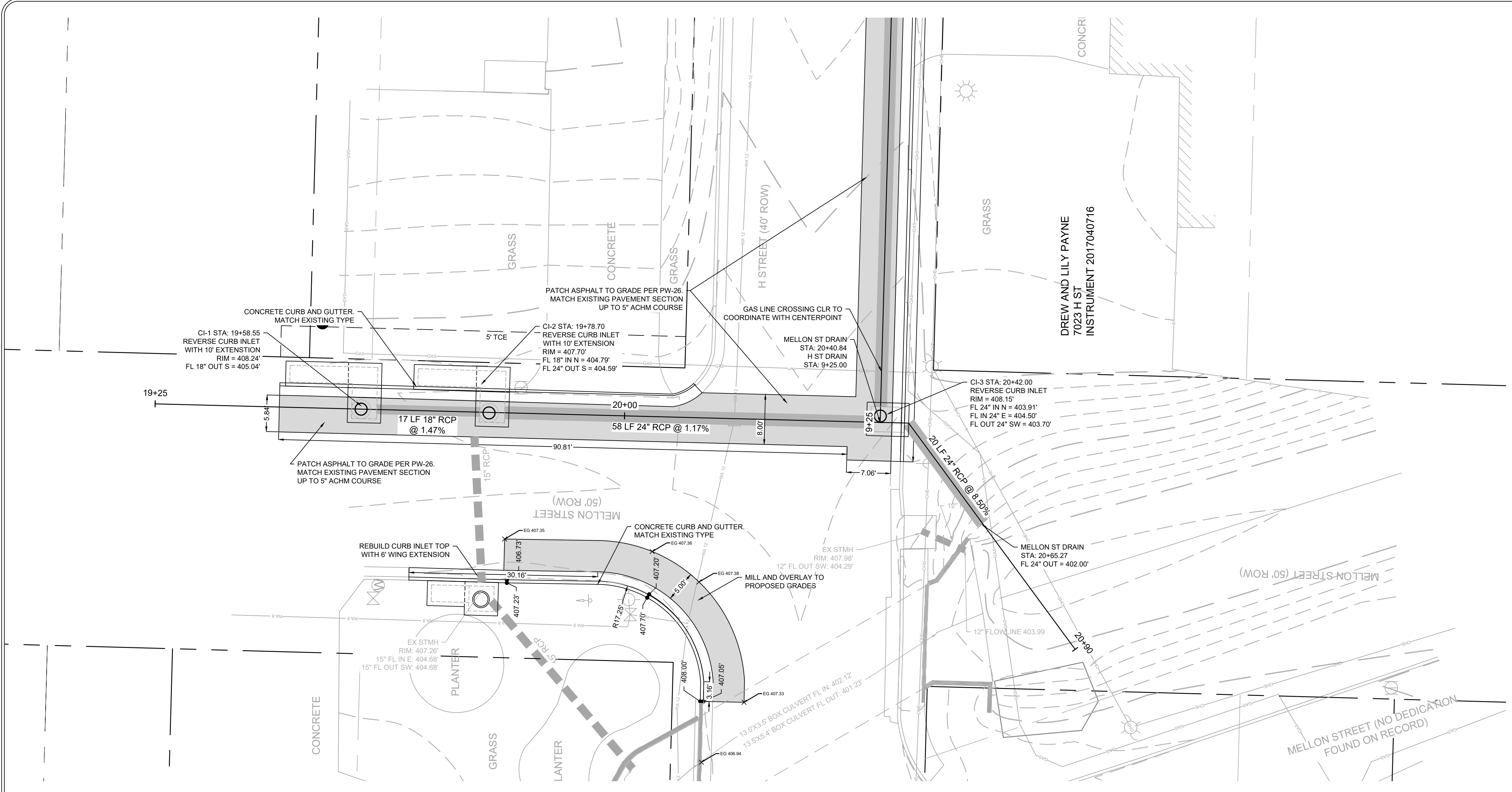
**CHECKED**  
BK

**DATE**  
04/09/2024

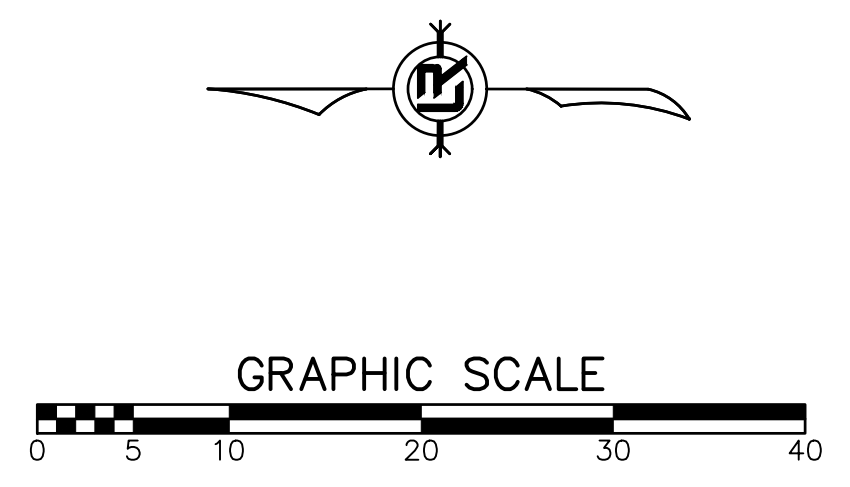
**SCALE**  
1" = 10'

**PROJECT NO.**  
03-15-DR-94

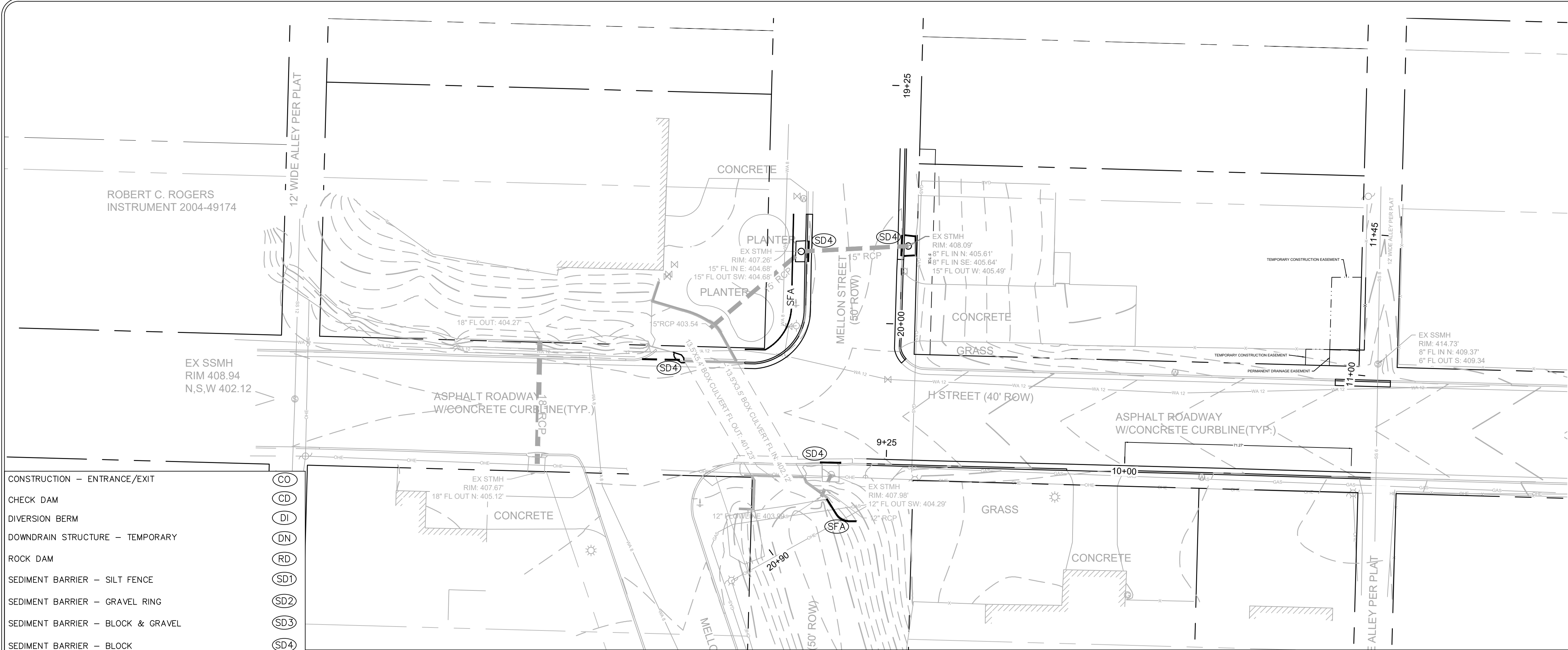
**SHEET NO.**  
**C7**



MELLON ST DRAIN



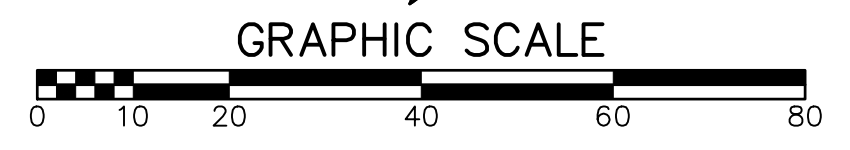
MELLON ST. PLAN & PROFILE



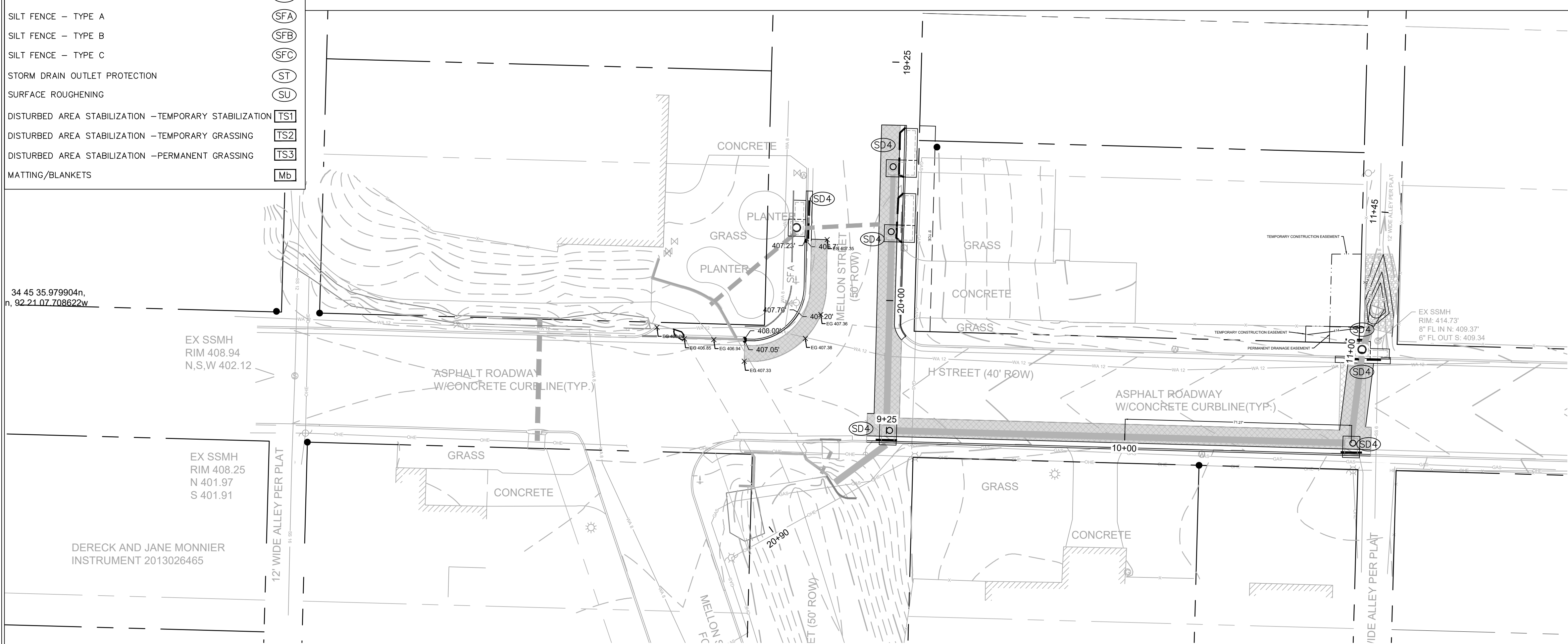
**PHASE 1**

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT(S) AND SWPPP INFORMATION SIGN.
2. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.
4. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
5. CONSTRUCT AND STABILIZE SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) WITH APPROPRIATE OUTFALL STRUCTURES. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BASINS AND TRAPS.
6. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.). CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.

CONSTRUCTION - ENTRANCE/EXIT	(CC)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SB1)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATting/BLANKETS	(Mb)

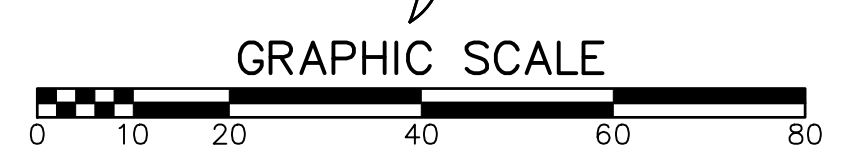


EROSION CONTROL PLAN - PHASE 1



**PHASE 2**

1. BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
2. CONTINUE GRADING THE SITE.
3. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS & INLETS.
4. PREPARE SUBGRADE, ROAD BASE AND CURBS AND GUTTERS.
5. CONSTRUCT DRIVEWAY, TRANSITIONS.
6. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.



EROSION CONTROL PLAN - PHASE 2

REVISIONS	DATE

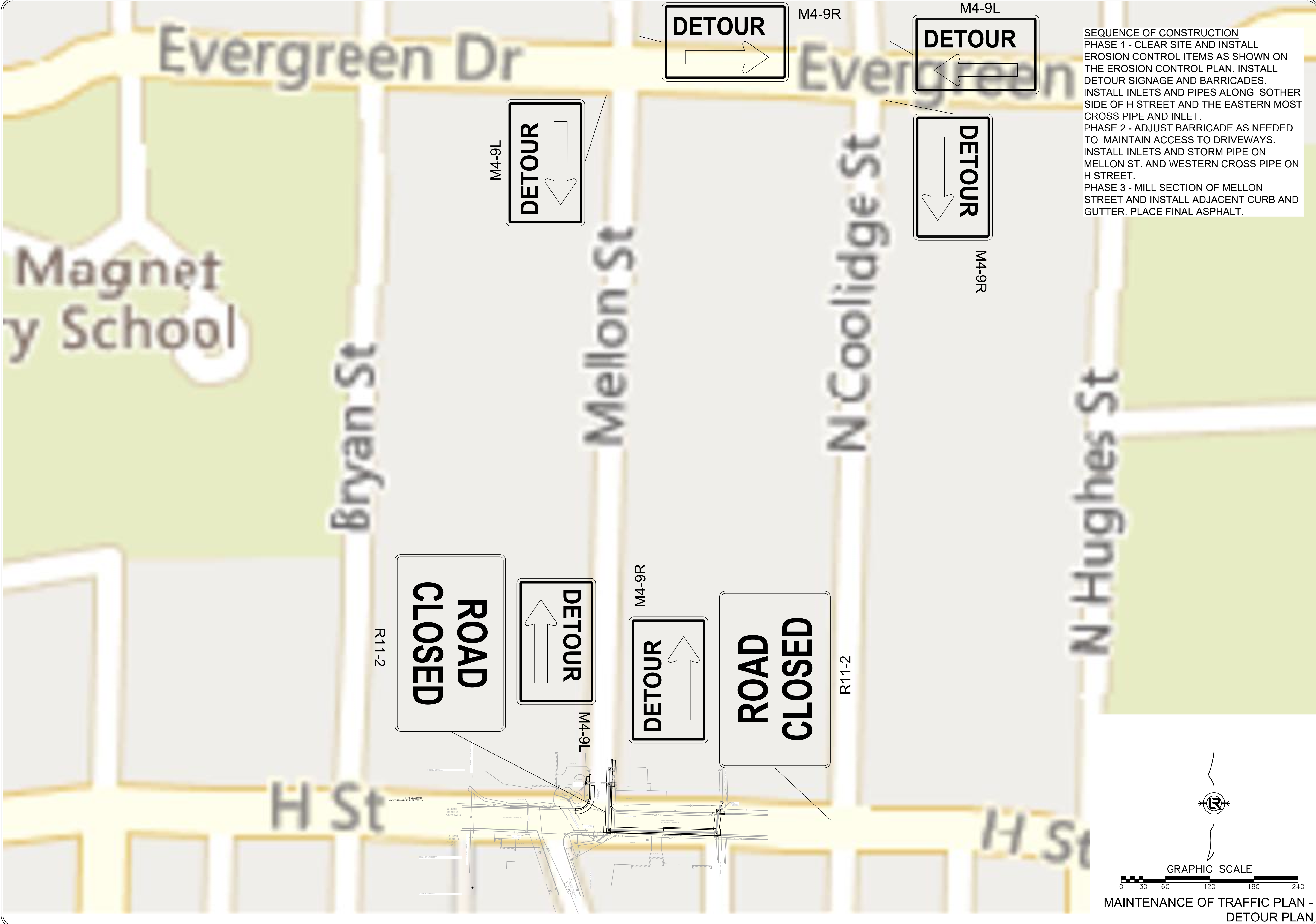
**CITY OF LITTLE ROCK, ARKANSAS**  
**MELLON AND H ST. DRAINAGE IMPROVEMENTS**  
**EROSION CONTROL PLAN**

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 LITTLE ROCK, ARKANSAS 72201

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DATE  
**04/09/2024**  
 SCALE  
**1" = 20'**  
 PROJECT NO.  
**03-15-DR-94**  
 SHEET NO.  
**C8**





**DETOUR**  
→

M4-9R

**DETOUR**  
←

M4-9L

**DETOUR**  
↓

M4-9L

**DETOUR**  
↓

M4-9R

**ROAD CLOSED**

R11-2

**DETOUR**  
↑

M4-9R

**DETOUR**  
↑

**ROAD CLOSED**

R11-2

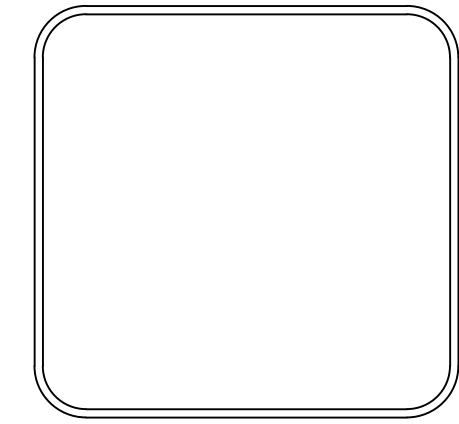
SEQUENCE OF CONSTRUCTION  
 PHASE 1 - CLEAR SITE AND INSTALL EROSION CONTROL ITEMS AS SHOWN ON THE EROSION CONTROL PLAN. INSTALL DETOUR SIGNAGE AND BARRICADES. INSTALL INLETS AND PIPES ALONG SOTHER SIDE OF H STREET AND THE EASTERN MOST CROSS PIPE AND INLET.  
 PHASE 2 - ADJUST BARRICADE AS NEEDED TO MAINTAIN ACCESS TO DRIVEWAYS. INSTALL INLETS AND STORM PIPE ON MELLON ST. AND WESTERN CROSS PIPE ON H STREET.  
 PHASE 3 - MILL SECTION OF MELLON STREET AND INSTALL ADJACENT CURB AND GUTTER. PLACE FINAL ASPHALT.

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MELLON AND H ST. DRAINAGE IMPROVEMENTS  
 MAINTENANCE OF TRAFFIC PLAN

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

GRAPHIC SCALE  
 0 30 60 120 180 240  
 MAINTENANCE OF TRAFFIC PLAN -  
 DETOUR PLAN



DRAWN BY  
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BK  
 DATE  
04/09/2024  
 SCALE  
1" = 60'  
 PROJECT NO.  
03-15-DR-94  
 SHEET NO.  
**C9**