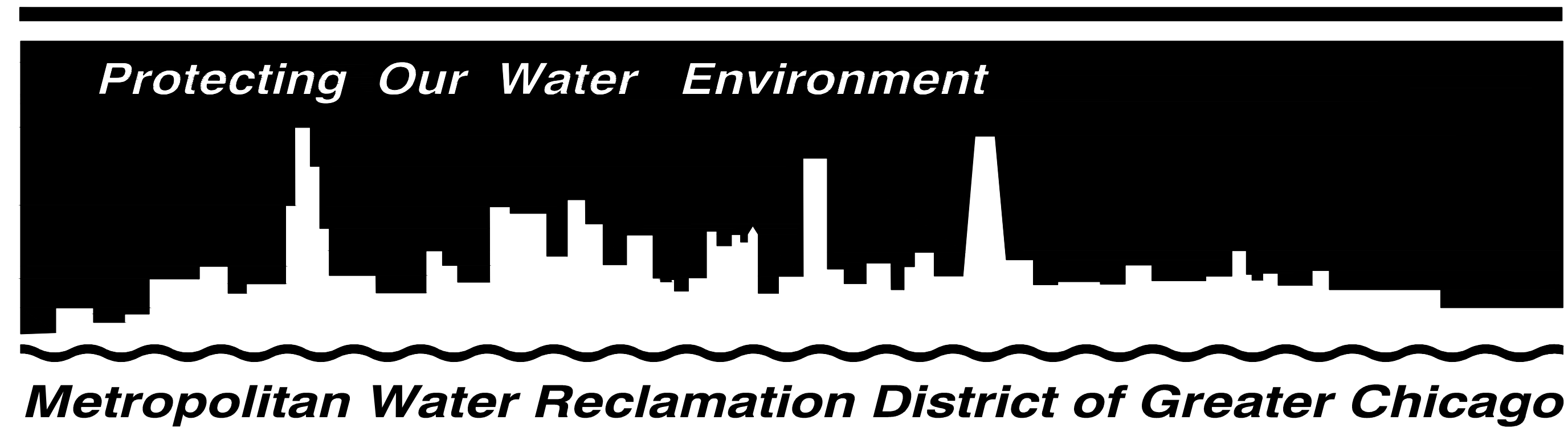


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PLOT DATE: 8/15/2024 12:05 PM PLOTTED BY: MADRID, MICHELLE

Contract Plans
for
**Flood Control Project on
Midlothian Creek in Robbins, Illinois (Re-Bid)**

**Little Calumet River Watershed
Robbins, Illinois**

14-253-5FR



**Room 508, 100 East Erie Street
Chicago, Illinois 60611**

Volume 4 of 4

May 2024

Board of Commissioners



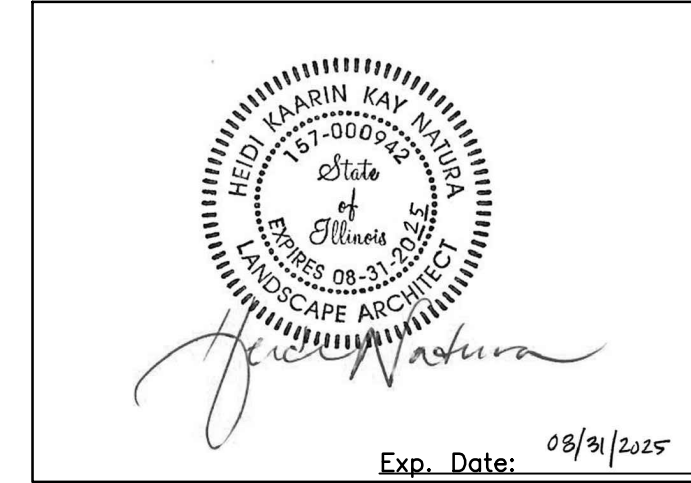
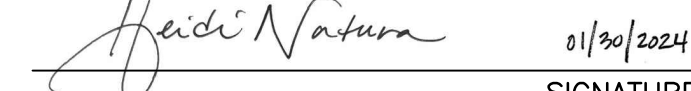

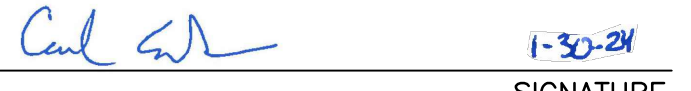
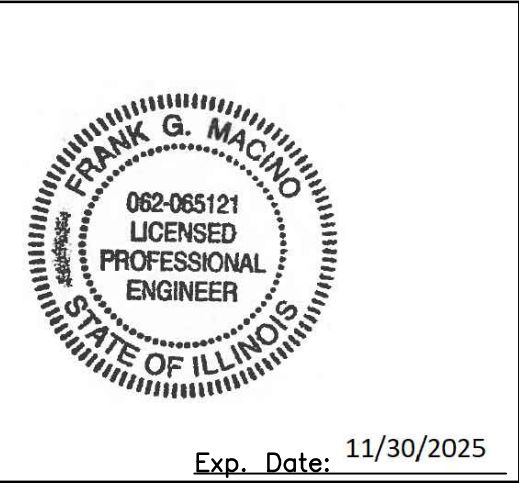

Hon. Kari K. Steele President
Hon. Patricia Theresa Flynn Vice President
Hon. Marcelino Garcia Chairman of Finance
Hon. Precious Brady-Davis
Hon. Yumeka Brown
Hon. Cameron Davis
Hon. Daniel Pogorzelski
Hon. Eira L. Corral Sepúlveda
Hon. Mariyana T. Spyropoulos


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Catherine A. O'Connor Director of Engineering
John P. Murray Director of Maintenance and Operations
Jacqueline Torres Clerk/Director of Finance
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Wendy N. Sin Acting Treasurer
Edward Podczerwinski Director of Monitoring and Research
Susan T. Morakalis General Counsel
Thaddeus Kosowski Director of Human Resources
Sean Kelly Director of Information Technology

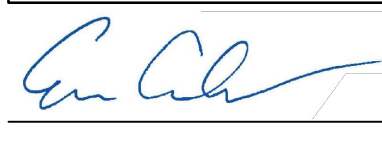
Contract 14-253-5FR

Signature and Engineer Seals

<div style="text-align: center;">  <p>Exp. Date: 11/30/2025</p> </div> <div style="text-align: center; margin-top: 10px;">  <p>01/30/2024 SIGNATURE</p> </div> <p style="text-align: center;">CIVIL ENGINEER TITLE</p> <p style="text-align: center;">DONOHUE & ASSOCIATES, INC. FIRM</p>	<div style="text-align: center;">  <p>Exp. Date: 08/31/2025</p> </div> <div style="text-align: center; margin-top: 10px;">  <p>01/30/2024 SIGNATURE</p> </div> <p style="text-align: center;">LANDSCAPE ARCHITECT TITLE</p> <p style="text-align: center;">LIVING HABITATS FIRM</p>	<div style="text-align: center;">  <p>Exp. Date: 11-30-24</p> </div> <div style="text-align: center; margin-top: 10px;">  <p>1-30-24 SIGNATURE</p> </div> <p style="text-align: center;">STRUCTURAL ENGINEER TITLE</p> <p style="text-align: center;">DONOHUE & ASSOCIATES, INC. FIRM</p>	<div style="text-align: center;">  <p>Exp. Date: 11/30/2025</p> </div> <div style="text-align: center; margin-top: 10px;">  <p>Date: 01/30/2024 SIGNATURE</p> </div> <p style="text-align: center;">ELECTRICAL ENGINEER TITLE</p> <p style="text-align: center;">DONOHUE & ASSOCIATES, INC. FIRM</p>																																																																																																																																																																																																																																																		
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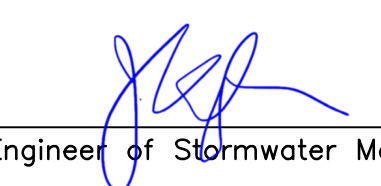


01/30/2024
SIGNATURE

PROJECT MANAGER
TITLE

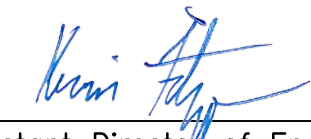
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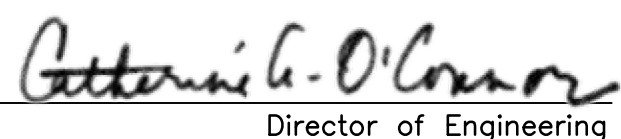


Engineer of Stormwater Management

APPROVED:



Assistant Director of Engineering



Director of Engineering

THE PLANS LISTED AND BOUND HEREIN ARE PART OF THE CONTRACT FOR:

FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID) LITTLE CALUMET RIVER WATERSHED

ROBBINS, ILLINOIS
MAY 2024

Contract 14-253-5FR

List of Contract Plans (Sheet 1 of 3)

Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

NOTE:
 THE SCALES WHICH MAY APPEAR ON SOME OF THE CONTRACT PLANS ARE THOSE TO WHICH THE ORIGINAL, FULL SIZE PLANS WERE DRAWN. THEY ARE NOT CORRECT FOR REDUCED-SIZE PLANS. REDUCED CONTRACT PLANS SHOULD NOT BE SCALED FOR DIMENSIONS. TO SCALE DIMENSIONS USE GRAPHIC SCALES WHERE THEY APPEAR ON THE PLANS.

SHEET DISCIPLINE DESIGNATORS	PAGE NO.	SHEET NUMBER	ADDENDUM NO.	TITLE OF SHEET	PAGE NO.	SHEET NUMBER	ADDENDUM NO.	TITLE OF SHEET
T - TITLE SHEETS				GENERAL DRAWINGS	41	CD-209	-	PARTIAL DEMOLITION PLAN
TC COVER				COVER	42	CD-210	-	PARTIAL DEMOLITION PLAN
TS SIGNATURE				SIGNATURE AND ENGINEER SEALS	43	CD-211	-	PARTIAL DEMOLITION PLAN
TL INDEX	1	TC-001	-	COVER	44	CU-001	-	UTILITY KEY PLAN
LP LOCATION PLAN				LIST OF CONTRACT PLANS	45	CU-101	-	PARTIAL UTILITY PLAN
G - GENERAL	2	TS-001	-	LIST OF CONTRACT PLANS	46	CU-102	-	KEDZIE STORM SEWER PLAN AND PROFILE
I GENERAL INFORMATION	3	TL-001	-	LIST OF CONTRACT PLANS	47	CU-103	-	KEDZIE STORM SEWER PLAN AND PROFILE
C - CIVIL	4	TL-002	-	VICINITY AND LOCATION MAPS	48	CU-104	-	KEDZIE STORM SEWER PLAN AND PROFILE
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	22	CE-201	-	SEDIMENT AND EROSION CONTROL PLAN	66	CP-502	-	CIVIL DETAILS
	23	CE-202	-	SEDIMENT AND EROSION CONTROL PLAN	67	CP-503	-	CIVIL DETAILS
	24	CE-501	-	SEDIMENT AND EROSION CONTROL DETAILS	68	CP-504	-	CIVIL DETAILS
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	27	CD-102	-	PARTIAL DEMOLITION PLAN	71	CP-507	-	CIVIL DETAILS
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	32	CD-107	-	ENLARGED DEMOLITION PLAN	76	CP-512	-	CIVIL DETAILS
	33	CD-201	-	PARTIAL DEMOLITION PLAN	77	CP-513	-	CIVIL DETAILS
	34	CD-202	-	PARTIAL DEMOLITION PLAN	78	CP-514	-	CIVIL DETAILS
	35	CD-203	-	PARTIAL DEMOLITION PLAN	79	CP-515	-	CIVIL DETAILS
	36	CD-204	-	PARTIAL DEMOLITION PLAN	80	CP-516	-	CIVIL DETAILS
	37	CD-205	-	PARTIAL DEMOLITION PLAN	81	CP-517	-	CIVIL DETAILS
	38	CD-206	-	PARTIAL DEMOLITION PLAN	82	CP-518	-	CIVIL DETAILS
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	40	CD-208	-	PARTIAL DEMOLITION PLAN				

SHEET NUMBER KEY

- 100 MIDLOTHIAN CREEK
- 200 STORMWATER PARK
- 500 DETAILS

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PLOT DATE: 8/16/2024 12:39 PM PLOTTED BY: MADRID, MICHELLE

NOTE:
 THE SCALES WHICH MAY APPEAR ON SOME OF THE CONTRACT PLANS ARE THOSE TO WHICH THE ORIGINAL, FULL SIZE PLANS WERE DRAWN. THEY ARE NOT CORRECT FOR REDUCED-SIZE PLANS. REDUCED CONTRACT PLANS SHOULD NOT BE SCALED FOR DIMENSIONS. TO SCALE DIMENSIONS USE GRAPHIC SCALES WHERE THEY APPEAR ON THE PLANS.

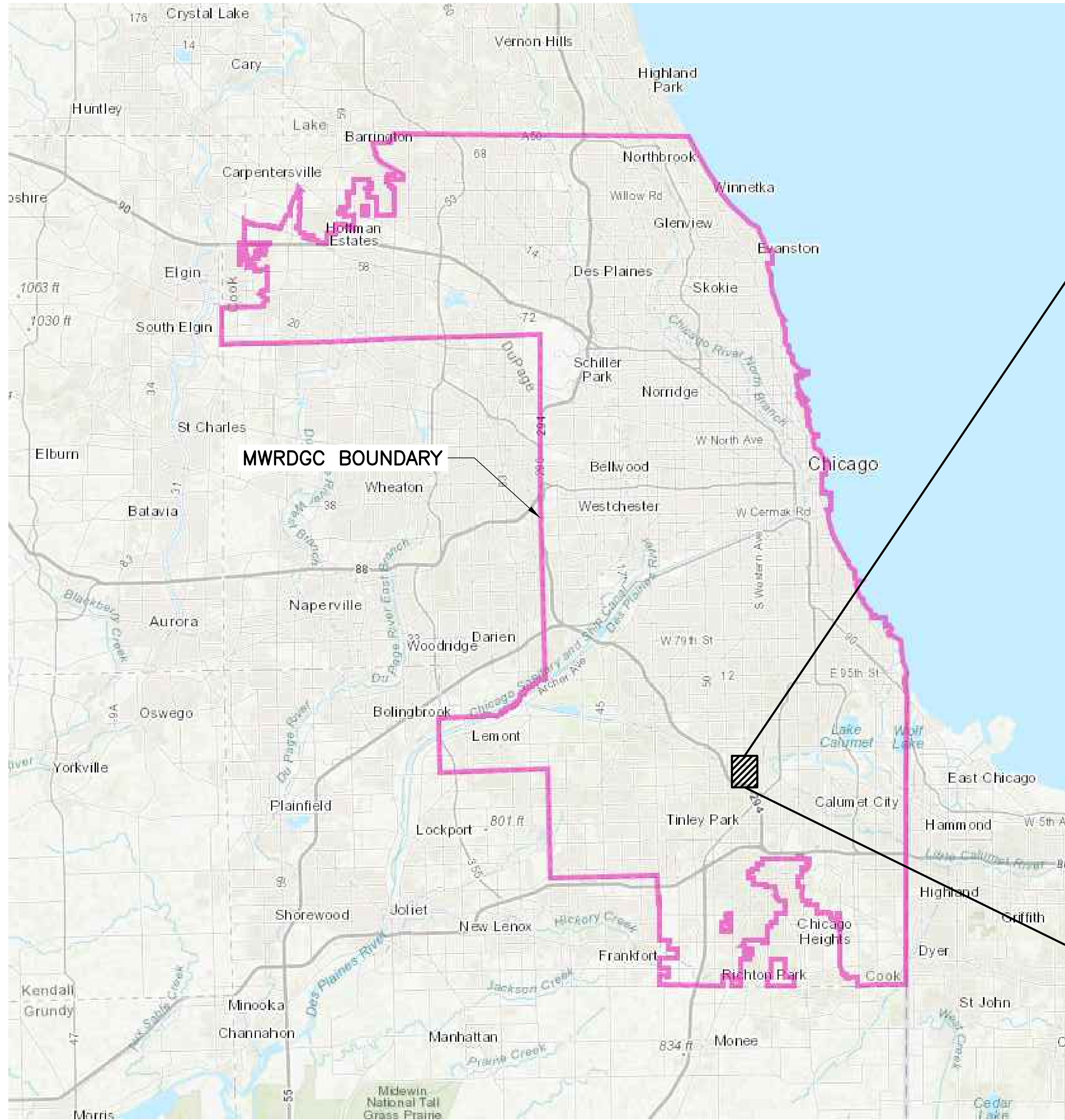
Contract 14-253-5FR

List of Contract Plans (Sheet 3 of 3)

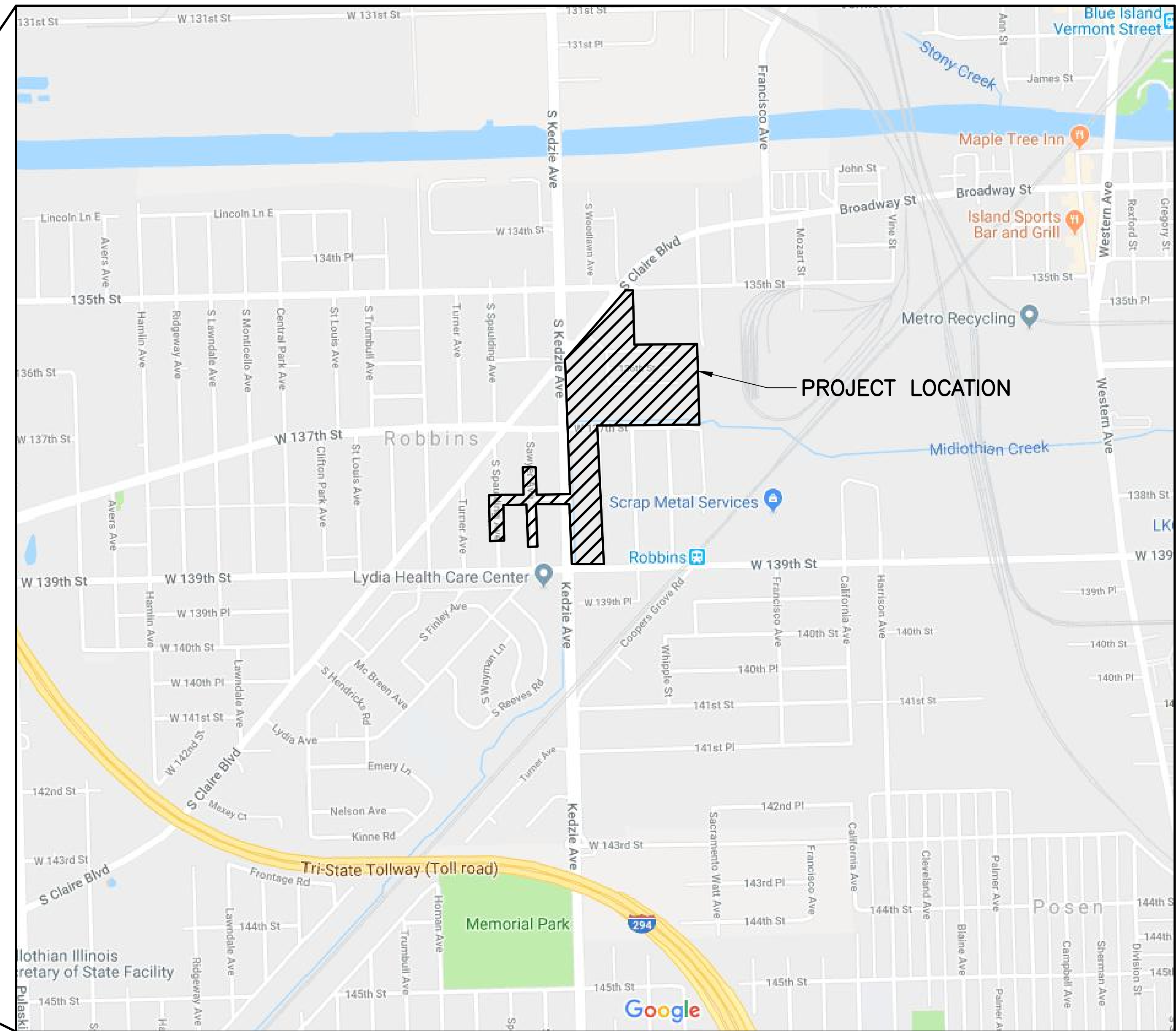
Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

SHEET DISCIPLINE DESIGNATORS	PAGE NO.	SHEET NUMBER	ADDENDUM NO.	TITLE OF SHEET	PAGE NO.	SHEET NUMBER	ADDENDUM NO.	TITLE OF SHEET
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TC COVER								
TS SIGNATURE				LANDSCAPE DRAWINGS	203	R-011	-	KEDZIE AVE 139TH ST TO 135TH ST SHEET 1
TL INDEX	165	LP-211	-	PARTIAL PLANTING PLAN	204	R-012	-	KEDZIE AVE 139TH ST TO 135TH ST SHEET 26
LP LOCATION PLAN								
G - GENERAL	166	LP-212	-	PARTIAL PLANTING PLAN	205	R-013	-	KEDZIE AVE 139TH ST TO 135TH ST SHEET 27
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CE CIVIL EROSION CONTROL	169	LP-215	-	SHORELINE SECTION PLAN	208	R-016	-	CCDOTH KEDZIE AVE AND CLAIRE AVE TRAFFIC SIGNAL CABLE PLAN
CG CIVIL GRADING	170	LP-216	-	SHORELINE PLANTING CROSS SECTIONS	209	R-017	-	CCDOTH KEDZIE AVE AND 139TH STREET TRAFFIC SIGNAL INSTALLATION
CU CIVIL UTILITIES	170	LP-216	-	SHORELINE PLANTING CROSS SECTIONS	210	R-018	-	CCDOTH KEDZIE AVE AND 139TH ST TRAFFIC SIGNAL CABLE PLAN
L - LANDSCAPE								
LD LANDSCAPE DEMOLITION	171	LP-217	-	SHORELINE PLANTING CROSS SECTIONS				
LG LANDSCAPE GRADING	172	LP-218	-	SHORELINE PLANTING CROSS SECTIONS				
LM LANDSCAPE MATERIALS	173	LP-219	-	SHORELINE PLANTING CROSS SECTIONS				
LP LANDSCAPE PLANTING	174	LP-220	-	SHORELINE PLANTING CROSS SECTIONS				
LS LANDSCAPE SITE	174	LP-220	-	SHORELINE PLANTING CROSS SECTIONS				
S - STRUCTURAL	175	LP-221	-	SHORELINE PLANTING CROSS SECTIONS				
E - ELECTRICAL	176	LP-222	-	PLANTING SCHEDULE				
R - REFERENCE	176	LP-222	-	PLANTING SCHEDULE				
	177	LP-223	-	PLANTING SCHEDULE				
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	182	LP-502	-	PLANTING DETAILS				
	183	LP-503	-	SHORELINE DETAILS				
	184	LP-504	-	SOILS DETAILS				
				STRUCTURAL DRAWINGS				
	185	S-001	-	STRUCTURAL GENERAL NOTES AND STANDARD DETAILS				
	186	S-002	-	STRUCTURAL STANDARD DETAILS				
	187	S-101	-	137TH AND KEDZIE DIVERSION WEIR STRUCTURE				
	188	S-102	-	STORMWATER PARK ACCESS BRIDGE DETAILS				
	189	S-103	-	84-INCH STORM SEWER JUNCTION VAULT				
	190	S-501	-	STRUCTURAL DETAILS				
				ELECTRICAL DRAWINGS				
	191	E-201	-	SITE LIGHTING PLAN - STORMWATER PARK				
	192	E-501	-	ELECTRICAL DETAILS				
				REFERENCE DRAWINGS				
	193	R-001	-	KEDZIE AVE MAIN DRAIN SHEET 1				
	194	R-002	-	KEDZIE AVE MAIN DRAIN SHEET 9				
	195	R-003	-	KEDZIE AVE MAIN DRAIN SHEET 10				
	196	R-004	-	KEDZIE AVE MAIN DRAIN SHEET 11				
	197	R-005	-	KEDZIE AVE MAIN DRAIN SHEET 12				
	198	R-006	-	KEDZIE AVE MAIN DRAIN SHEET 13				
	199	R-007	-	KEDZIE AVE MAIN DRAIN SHEET 14				
	200	R-008	-	KEDZIE AVE MAIN DRAIN SHEET 15				
	201	R-009	-	KEDZIE AVE MAIN DRAIN SHEET 16				
	202	R-010	-	KEDZIE AVE MAIN DRAIN SHEET 19				

Contract 14-253-5FR Vicinity and Location Maps



VICINITY MAP
SCALE = NTS



LOCATION MAP
SCALE = NTS

Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: MLM
Checked by: PMS

Drawn by: MLM
Reviewed by: EPC

Date: MAY 2024
Scale: AS SHOWN

DONOHUE
ACCURATE
LIVING HABITATS

Zim
CORRY & ASSOCIATES, INC.
CONSULTING ENGINEERS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED
VICINITY AND LOCATION MAPS

Sheet Number:
LP-001
Page Number: 6



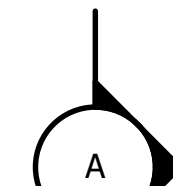
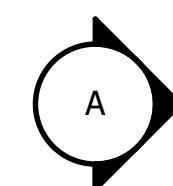
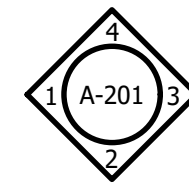
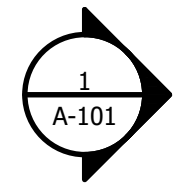
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SCALE: 1/4"=1'-0"

LOCATION PLAN
CALUMET WATER RECLAMATION PLANT
SCALE: 1/4"=1'-0"

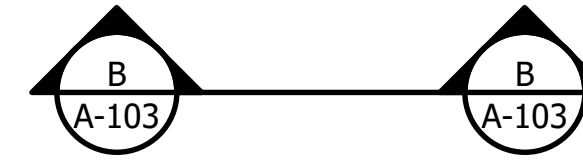
GROUND LEVEL FLOOR PLAN
SCALE: 1/4"=1'-0"

DETAIL TITLE
SCALE: 3/4"=1'-0"
(S-101, S-201)

NORTH ELEVATION
SCALE: 1/4"=1'-0"



SECTION A-A
SCALE: 3/4"=1'-0"



SECTION B-B
SCALE: 3/4"=1'-0"

MWRD NORTH ARROW
PLACED ON EACH PLAN VIEW AT
UPPER LEFT CORNER OF DRAWING
LAYER: G-ANNO-NRTH

DRAWING TITLE
FOR LOCATION PLAN OR PLAN VIEW
DRAWINGS ONLY
IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE
LAYER: G-ANNO-TITL

DRAWING TITLE
FOR FLOOR PLAN OR PLAN VIEW
DRAWINGS ONLY
IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE
LAYER: G-ANNO-TITL

DETAIL TITLE
NUMBER IS DETAIL NUMBER OF
VIEW ON SAME SHEET
LAYER: G-ANNO-TITL

OPTIONAL (S-101) (S-201)
REFERENCE SHEET ON WHICH
DETAIL APPEARS

ELEVATION TITLE
NUMBER IS ELEVATION NUMBER OF
VIEW ON SAME SHEET
LAYER: G-ANNO-TITL

ELEVATION REFERENCE
TOP NUMBER IS ELEVATION DRAWING
NUMBER, BOTTOM NUMBER IS
SHEET ON WHICH ELEVATION VIEW
APPEARS
LAYER: G-ANNO-SYMB

ELEVATION REFERENCE
REFERENCING FOUR ELEVATIONS ON
ONE SHEET
LAYER: G-ANNO-SYMB

WALL SECTION DETAIL
TOP NUMBER IS WALL SECTION
NUMBER BOTTOM NUMBER IS SHEET
ON WHICH WALL SECTION APPEARS.
LAYER: G-ANNO-SYMB

MATCH LINE REFERENCE
LAYER: G-ANNO-MATC

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION REFERENCE**
LETTER IN CIRCLE IS DRAWING SECTION ON
SAME SHEET
LAYER: G-ANNO-SYMB

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION TITLE**
LETTERS ARE SECTIONS ON SAME SHEET
LAYER: G-ANNO-TITL

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION REFERENCE**
TOP LETTERS ARE DRAWING SECTION
LETTERS, BOTTOM LETTER AND NUMBER IS
SHEET ON WHICH SECTION APPEARS. USE
"PHANTOM" LINETYPE THRU STRUCTURE -
MAY BE BROKEN FOR CLARITY OF DRAWING
DETAIL. LAYER: G-ANNO-SYMB

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION TITLE**
LETTERS ARE DRAWING SECTION
LAYER: G-ANNO-TITL

IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE

OFFICE

101

9'-0"

X

101

1

P

ROOM OR SPACE NUMBER

CEILING HEIGHT OR EQUIPMENT
NUMBER.

EQUIPMENT NUMBER.

DOOR NUMBER

WINDOW NUMBER

WALL PARTITION TYPE

ELEVATION REFERENCE

COLUMN REFERENCE
USE NUMBERS ON HORIZONTAL GRID
LINES AND LETTERS ON VERTICAL
GRID LINES
USE "CENTER" LINETYPE FOR GRID
LINES THRU COLUMNS

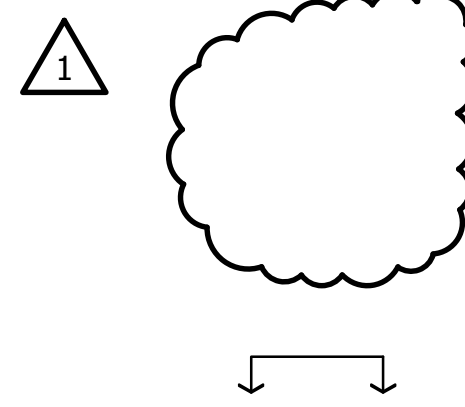
**BUILDING AND/OR PLAN DRAWING CROSS
SECTION REFERENCE**
TOP LETTERS ARE DRAWING SECTION
LETTERS, BOTTOM LETTER AND NUMBER IS
SHEET ON WHICH SECTION APPEARS. USE
"PHANTOM" LINETYPE THRU STRUCTURE -
MAY BE BROKEN FOR CLARITY OF DRAWING
DETAIL
LAYER: G-ANNO-SYMB

**BUILDING AND/OR PLAN DRAWING
CROSS SECTION TITLE**
LETTERS ARE DRAWING SECTION

IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE
LAYER: G-ANNO-TITL

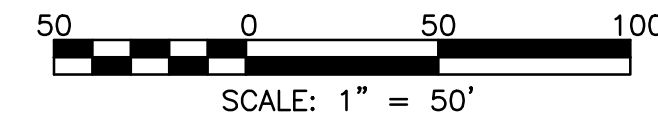
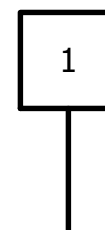
DETAIL REFERENCE
TOP NUMBER IS DETAIL NUMBER
BOTTOM NUMBER IS SHEET ON
WHICH DETAIL APPEARS.
DENOTE REFERENCED AREA WITH
"DASHED" LINETYPE
LAYER: G-ANNO-SYMB

DETAIL REFERENCE
NUMBER IS DETAIL NUMBER
DENOTES DETAIL APPEARS ON SAME
SHEET.
DENOTE REFERENCED AREA WITH
"DASHED" LINETYPE
LAYER: G-ANNO-SYMB

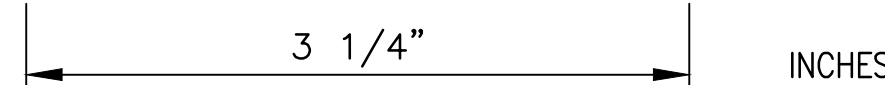


ADDENDUM NO. 1 XX 0/00/00

ISSUE FOR REVIEW xx 0/00/00



STANDARD DIMENSIONS



USE APPLICABLE SYMBOL BELOW FOR KEY NOTE DESIGNATION



REVISION TARGET AND CLOUD
REVISION AREA CIRCLED
REVISION TAG LAYER G-ANNO-REVS
REVISION CLOUD LAYER G-ANNO-REVC

REVISION ISSUE
NUMBER IN TRIANGLE DENOTES
REVISION NUMBER ON SHEET
ADDENDUM NO 1 DENOTES ADDENDA
RELEASE NUMBER XX DENOTES
ENGINEER INITIALS 00/00/00
DENOTES ISSUE DATE

ISSUE
NUMBER IN DENOTES SEQUENCE
NUMBER ON SHEET. ISSUE FOR
REVIEW DENOTES RELEASE
DESCRIPTION XX DENOTES ENGINEER
INITIALS 00/00/00 DENOTES ISSUE
DATE

GENERAL NOTES:

- 1. XXXXXXXXXXXXXXXX
- 2. XXXXXXXXXXXXXXXX
- 3. XXXXXXXXXXXXXXXX
- 4. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX
- 5. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX

NOTES:

- 1. XXXXXXXXXXXXXXXX
- 2. XXXXXXXXXXXXXXXX
- 3. XXXXXXXXXXXXXXXX
- 4. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX
- 5. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX

KEY NOTES:

- 1. XXXXXXXXXXXXXXXX
- 2. XXXXXXXXXXXXXXXX
- 3. XXXXXXXXXXXXXXXX
- 4. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX
- 5. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX

LEGEND:

- NEW OR EXISTING BACKGROUND
- EXISTING WORK TO REMAIN (OR NEW WORK
FURNISHED AND INSTALLED UNDER OTHER
CONTRACT ITEMS)
- NEW WORK
- FUTURE WORK
- REMOVAL WORK

MATERIAL DESIGNATION

- EARTH/COMPACT FILL
- GRAVEL/POROUS FILL
- ROCK
- CONCRETE
- SAND/MORTAR/PLASTER
- CONCRETE MASONRY UNIT
- FACE BRICK
- STONE
- MARBLE
- STEEL
- ROUGH WOOD
- FINISH WOOD
- PLYWOOD
- PARTICLE BOARD
- BATT INSULATION
- RIGID INSULATION
- SAFING
- SPRAYED-ON FIREPROOFING
- SEALANT WITH BACKER ROD
- GYPSUM DRYWALL
- CERAMIC TILE
- ACOUSTICAL TILE

Rev.	Description	Appr.	Date
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**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

GENERAL REFERENCE SYMBOLS

Checked by: PMS
Designed by: MLM
Reviewed by: EPC
Drawn by: MLM
Scale: AS SHOWN
Date: MAY 2024

DONOHUE
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CONSULTING ENGINEERS

LIVING HABITATS

Sheet Number:
G-001

Page Number: 7

ABBREVIATIONS	
ABD	Abandoned
ABV	Above
AC	Acre
ADJ	Adjust
AS	Aerial Surveys
AGG	Aggregate
A	Air
AL	Alum
AM	Ammonia
L=	Arc Length
ARCH	Architect
ASSM	Assembly
ASPH	Asphalt
BB	Back to Back
BC	Back of Curb
BW	Back of Walk
N45°34'22"W	Bearings
BGN	Begin
BM	Benchmark
BIND	Binder
BIT	Bituminous
BO	Blow Off
BTM	Bottom
B/	Bottom of
BOW	Bottom of Wall
BRS	Brass
BRK	Brick
BBOX	Buffalo Box
BLDG	Building
CATV	Cable Television
CD	Carbon Dioxide
CIP	Cast Iron Pipe
CB	Catch Basin
CC	Center to Center
CL	Centerline
CLE	Centerline to Edge
CLF	Centerline to Face
C	Centrate
△	Central Angle
CF	Chemical Feed
CHSLD	Chiseled
CH	Chord Bearing
CE	City Electric
CS	City Street
CLY	Clay
CP	Clay Pipe
CO	Clean Out
CLSD	Closed
CLID	Closed Lid
CT	Coat
COL	Column
COMB	Combination
CONC	Concrete
CBK	Concrete (block)
CONN	Connection
CONST	Construction
CONTD	Continued
CONT	Continuous
CONTR	Contractor
COR	Corner
CORR	Corrugated
CMP	Corrugated Metal Pipe
CSE	Course
XSECT	Cross Section
CUYD	Cubic Yard
CULV	Culvert
CG	Curb & Gutter
D	Degree of Curve
DC	Depressed Curb
DET	Detail

ABBREVIATIONS	
DETR	Detector
DIA	Diameter
DIFF	Diffuser
DIM	Dimension
DIST	District
DBL	Double
DN	Down
DR	Drainage
DI	Drainage Inlet or Drop Inlet
DRV	Driveway
DWG	Drawing
DCT	Duct
DIP	Ductile Iron Pipe
ESMT	Easement
EA	Each
E	East
EB	Eastbound
EOP	Edge of Pavement
ECL	Edge to Centerline
EE	Edge to Edge
EG	Existing Ground
ELEC	Electric
EL	Elevation
ENG	Engineer
ENTR	Entrance
EX	Existing
EXC	Excavation
EXIST	Existing
FF	Face to Face
FP	Fence Post
FC	Ferric Chloride
FF	Finished Floor
FO	Fiber Optics
FFL	Finished Floor
FH	Fire Hydrant
FL	Flow Line
,	Foot
FB	Foot Bridge
FDN	Foundation
FLR	Floor
FR	Frame
FG	Frame & Grate
GAL	Gallon
GLV	Galvanized
G	Gas Line
GD	Gas-Digester
GN	Gas-Natural
GV	Gas Valve
GVL	Gas Vault
GB	Grade Break
GRT	Grate
GRVL	Gravel
GR	Grit
GND	Ground
GUT	Gutter
HH	Handhole
HD	Head
HDW	Headwall
HDUTY	Heavy Duty
HDPE	High Density Polyethylene
HP	High Pressure
HPA	High Pressure Air
HPPP	High Pressure Petroleum Pipeline
HWY	Highway
HORIZ	Horizontal
HC	Hypochlorite
INL	Inlet
INST	Installation

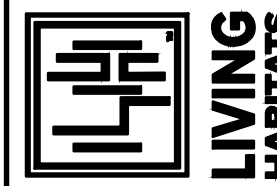
ABBREVIATIONS	
INV	Invert
IP	Iron Pipe
IR	Iron Rod
JT	Joint
JB	Junction Box
LS	Landscaping
LT	Left
LP	Light Pole
LGT	Lighting
LF	Lineal Feet or Linear Feet
L	Liter
LNG	Longitudinal
LPA	Low Pressure Air
LO	Lubrication Oil
MACH	Machine
MB	Mail Box
MH	Manhole
MKR	Marker
MAX	Maximum
MAT	Material
MECH	Mechanical
MED	Median
M	Meter
MV	Meter Vault
MIN	Minimum
ML	Mixed Liquor
MIX	Mixture
MOD	Modified
MOP	Maximum Operating Pressure
N	North
NE	Northeast
NGAS	Natural Gas Line
NW	Northwest
NIC	Not in Contract
OLID	Open Lid
UNK	Other (Unknown)
OH	Overhead
PAT	Pattern
PVD	Paved
PVMT	Pavement
PM	Pavement Marking
PED	Pedestal
PETRO	Petroleum
CLP	Pipe-Centerline
CRN	Pipe-Crown
INV	Pipe-Invert
PNT	Point
PC	Point of Curvature
PI	Point of Intersection
PRC	Point of Reverse Curvature
PT	Point of Tangency
POT	Point On Tangent
PLE	Pole
POLYETH	Polyethylene
PO	Polymer
PVC	Polyvinyl Chloride
PCC	Portland Cement Concrete
PWR	Power
PP	Power Pole
PE	Private Entrance
PCR	Property Corner
PL	Property Line
PROP	Proposed
R	Radius
RR	Railroad
RRS	Railroad Spike

ABBREVIATIONS	
RPS	Reference Point Stake
RCCP	Reinforced Concrete Culvert Pipe
RCP	Reinforced Concrete Pipe
REINF	Reinforcement
REM	Removal
REP	Replacement
RET	Retaining
RAS	Return Activated Sludge
RSL	Return Sludge
RT	Right
ROW	Right-Of-Way
RD	Road
RDWY	Roadway
RCK	Rock
RD	Roof Drain
RGS	Rigid Galvanized Steel
SMH	Sanitary Manhole
SC	Scum
SEC	Section
SEED	Seeding
SP	Sewage-Primary Treated
SR	Sewage-Raw
SST	Sewage-Secondary Treated
STT	Sewage-Tertiary Treated
COMB	Sewer - Combined
SANS	Sewer - Sanitary
STORM	Sewer - Storm
SH	Sheet
SHLD	Shoulder
SW	Sidewalk
SIG	Signal
SL	Sludge
SWR	Sludge & Waste Water Return
SLC	Sludge-Concentrated
SLD	Sludge-Digested
SLP	Sludge-Primary
SLS	Sludge-Secondary
SB	Sodium Bisulfite
S	South (or Steam)
SE	Southeast
SW	Southwest
SPL	Special
SQFT	Square Feet
SQYD	Square Yard
STB	Stabilized
SS	Stainless Steel
SSP	Stainless Steel Pipe
STD	Standard
STA	Station
S	Steam (or South)
SCR	Steam Condensate Return
STL	Steel
SPBGR	Steel Plate Beam Guardrail
STMH	Storm Manhole
STY	Story
ST	Street
STR	Structure
SEN	Subnatant
SPN	Supernatant
SURF	Surface
SMK	Survey Marker
T=	Tangent
TEL	Telephone
TEMP	Temporary
TBM	Temporary Bench Mark
TE	Tertiary Effluent
TD	Tile Drain
TIM	Timber
TB	Thrust Block
T/	Top of
TOP	Top (surface)


ABBREVIATIONS	
TC	Top of Curb
TOW	Top of Wall
TOV	Top of Valve
TS	Traffic Signal
TSCB	Traffic Signal Control Box
TRVS	Transverse
TY	Type
TYP	Typical
USGS	U.S. Geological Survey
UNDGND	Underground
UD	Under Drain
USEL	Upstream Elevation
USFL	Upstream Flowline
UTIL	Utility
V	Valve
VBOX	Valve Box
VV	Valve Vault
VL	Vault
VEH	Vehicle
VP	Vent Pipe
VC	Vertical Curve
VCCP	Vitrified Ceramic Clay Pipe
VCP	Vitrified Ceramic Pipe
V.I.F.	Verify in Field
WAS	Waste Activated Sludge
WW	Wastewater Or Washwater
WP	Water - Potable
WAT	Water (supply)
WC	Water Cooling
W	West (or With)
W	With (or West)
WO	Without

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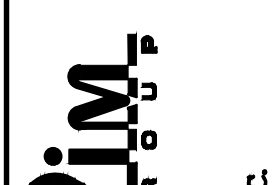
**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**



LIVING HABITATS



DONOHUE



Zim

Designed by:
MLM

Checked by:
PMS

Drawn by:
MLM

Reviewed by:
EPC

Date:
MAY 2024

Scale:
AS SHOWN

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

ABBREVIATIONS

PROCESS UNDERGROUND UTILITIES	
— A —	Air
— AL — AL —	Alum
— AM — AM —	Ammonia
— CO2 — CO2 —	Carbon Dioxide
— C — C —	Centrate
— CF — CF —	Chemical Feed
	Filtrate
— FC — FC —	Ferric Chloride
— GD — GD —	Gas-Digester
— G — G —	Gas-Natural
— GR —	Grit
— HPA —	High Pressure Air
— HC — HC —	Hypochlorite
— LPA —	Low Pressure Air
— LO —	Lubrication Oil
— ML —	Mixed Liquor
— PO — PO —	Polymer
— PD —	Plant Drain
— RAS —	Return Activated Sludge
— RSL —	Return Sludge
— SC — SC —	Scum
— SP — SP —	Sewage-Primary Treated
— SR — SR —	Sewage-Raw
— SST — SST —	Sewage-Secondary Treated
— ST — ST —	Sewage-Tertiary Treated
— SL —	Sludge
— SWR — SWR —	Sludge & Waste Water Return
— SLC — SLC —	Sludge-Concentrated
— SLD — SLD —	Sludge-Digested
— SLP —	Sludge-Primary
— SLS — SLS —	Sludge-Secondary
— SB —	Sodium Bisulfite
— STM — STM —	Steam
— SR — SR —	Steam Condensate Return
— SBN — SBN —	Subnatant
— SPN — SPN —	Supernatant
— WE — WE —	Tertiary Effluent
— WAS — WAS —	Waste Activated Sludge
— WW —	Wastewater or Washwater
— WC —	Water-Cooling
— WNP — WNP —	Water-Plant (Non-potable)
— WP —	Water-Potable
ABANDONED UNDERGROUND UTILITIES (all)	
— + + + + + W P + + + + +	Abandoned

SITE UTILITIES	
— CTV —	Cable Television
— CE — CE —	City Electric
— E — E —	Electric
— + + + + +	Electric Overhead
☒	Street Light Control Box
☼	Light Post
⊙	Light Pole
⊙	Power Pole
⊙	Power Pole Light
⊘	Guy Pole
□	Transmission Tower
Ⓛ	Electrical Vault
— FO —	Fiber Optics
— G —	Gas (supply)
⊙	Gas Valve Box
— UNK —	Other (Unknown)
— P —	Petroleum
— T — T — T —	Telephone
⊙	Telephone Pole
Ⓛ	Telephone Vault
— — — — —	Traffic Signal
☒	Traffic Signal Controller
☒	Traffic Signal Post
⊙	Utility Pole
+++++	Rail Road
✕	RR Crossing
✕	RR Flashing Signal
— x — x — x — x —	Fence
X	Fence Corner
— x — x — x — x —	Gate
— — — — —	Guardrail
□	Guardpost
— — — — —	Drain Tile
— — — — —	Sewer - Combined
— — — — —	Sewer - Sanitary
⊙	Sanitary Manhole
— — — — —	Sewer - Storm
Ⓛ	Inlet
⊙	Catch Basin
⊙	Storm Manhole
Ⓛ	Curb Inlet
⌒	Culvert End Section
— W —	Water (supply)

SITE UTILITIES	
⊙	Yard Hydrant
⊙	Fire Hydrant
⊙	Water Manhole
⊙	Water Valve Box
Ⓛ	B. Box
▽	Thrust Block
SITE SYMBOLS	
— 755 —	Existing Contour
— 755 —	Proposed Contour
× 623.45	Existing Grade
+ 754.0	Proposed Grade
→	Drainage Direction
— — — — —	Ditch Flow
↔	Summit
~~~~~	Temporary Silt Fence
⊙	Erosion Control
⊙	Ditch Check
⊙	Benchmark
◆	Soil Boring
⊙	Dbl Pole Sign
⊙	Sngl Pole Sign
⊙	Mail Box
+ P.C.	Property Corner
Ⓛ	Property Line
Ⓛ	Centerline
♿	Handicap
→	Exist. Traffic Flow
➔	Prop. Traffic Flow
☀	Deciduous Tree
☀	Evergreen Tree
⊙	Bush
⊙	Shrub
Ⓛ	Stump
Ⓛ	Hedge
Ⓛ	Storm
CB-001 594.50 590.00 591.00	Structure Type & No RIM Elevation Invert Elevation Invert 2 Elevation
MH-001 594.50 590.00 591.00	Sanitary Structure Type & No RIM Elevation Invert Elevation Invert 2 Elevation
~~~~~	Sheet Piling Wall

MATERIALS LEGEND	
	Earth
	Rock
	Gravel
	Crushed Stone
	Sand
	Concrete
	Rip Rap
	Demolition

NOTE: SYMBOLS SHOWN ON THIS SHEET ARE MWRD STANDARD SYMBOLS. NOT ALL SYMBOLS ARE USED IN THESE DRAWINGS. SYMBOLS MAY BE AS OTHERWISE NOTED ON INDIVIDUAL SHEET LEGENDS.

NOTES:

- Underground piping less than 36" nominal diameter is shown with a single line of the appropriate style.
- Underground piping greater than or equal to 36" nominal diameter is shown with double lines scaled to the nominal diameter of the pipe.



Rev.	Description	Appr.	Date
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Checked by: MWRD
Reviewed by: MWRD
Date: MAY 2024
Scale: N/A

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LIVING HABITATS

DONOHUE
ACCURATE ENGINEERS

ZIM
CORPORATION
O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

GENERAL SITE SYMBOLS

GENERAL NOTES

1. DIMENSIONS OR COORDINATES TAKE PRECEDENCE OVER SCALE. CONTRACTORS TO VERIFY ALL DIMENSIONS AND COORDINATES IN THE FIELD FOR PROPER FIT AND ALIGNMENT.
2. THE CONTRACTOR SHALL CONTACT THE JULIE HOTLINE AT 811 OR 1-800-892-0123 A MINIMUM OF 72 HOURS PRIOR TO PERFORMING ANY EARTH MOVING OR EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL ALSO CONTACT ANY OTHER UTILITIES WHICH MAY BE PRESENT WHICH ARE NOT PART OF THE ONE CALL SYSTEM.
3. LOCATION OF EXISTING BURIED UTILITIES HAS BEEN DETERMINED BY INFORMATION PROVIDED BY OTHERS, AND SHALL BE CONSIDERED APPROXIMATE ONLY. OTHER UTILITIES MAY ALSO BE PRESENT IN ADDITION TO THOSE SHOWN ON THE PLANS. CONTRACTOR SHALL DETERMINE EXACT LOCATION AND SIZE OF ALL EXISTING UTILITY LINES WITHIN THE LIMITS OF WORK. UTILITY INFORMATION DETERMINED BY THE CONTRACTOR SHALL BE INCLUDED IN THE PROJECT RECORD DRAWINGS. RECORDED UTILITY INFORMATION SHALL INCLUDE TYPE, OWNER, SIZE, MATERIAL, HORIZONTAL COORDINATES (IL STATE PLANE, NAD 83, EAST ZONE), AND ELEVATION (NAVD88). ANY UTILITIES DAMAGED OR DESTROYED BY THE CONTRACTOR'S OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT, SHALL BE REPLACED OR REPAIRED TO THE UTILITY'S SATISFACTION AT NO COST TO THE OWNER.
4. IF UTILITY FACILITIES OTHER THAN THOSE SHOWN ARE LOCATED, OR IF UTILITIES ARE LOCATED WHICH ARE NOT IN ACCORDANCE WITH THE LOCATION SHOWN ON THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED TO DETERMINE IF PLAN REVISIONS ARE NEEDED. CONTRACTOR IS REQUIRED TO FIELD LOCATE ALL CROSSING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION ACTIVITIES TO ALLOW ENGINEER TO REVISE LOCATIONS OF NEW FACILITIES TO AVOID CONFLICTS WITHOUT ADDITIONAL COST TO OWNER.
5. CONTRACTOR SHALL PROVIDE SUPPORT AND SHALL MAINTAIN SERVICE TO ALL ABOVE AND BELOW GRADE UTILITIES INCLUDING POLES, CABLES, WIRES, WATER, GAS, STORM, AND SANITARY FACILITIES, OR WITH THE WRITTEN CONCURRENCE OF THE UTILITY OWNER, MAY REMOVE, STORE, REINSTALL AND REPLACE AS NECESSARY. ALL CONSTRUCTION ACTIVITIES INVOLVING EXISTING UTILITIES SHALL BE COORDINATED WITH UTILITY OWNER PRIOR TO ANY DISTURBANCE. CONTRACTOR SHALL NOTIFY ALL AFFECTED PARTIES 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITY DISRUPTING ANY UTILITY SERVICE.
6. CONTRACTOR SHALL COORDINATE WITH AFFECTED UTILITY OWNERS FOR ALL REQUIRED RELOCATION, REMOVAL, AND/OR ABANDONMENT OF FACILITIES.
7. ANY UTILITIES RELOCATED UNDER THIS CONTRACT SHALL BE SURVEYED AND THE NEW LOCATIONS DOCUMENTED IN THE RECORD DRAWINGS. RECORDED UTILITY INFORMATION SHALL INCLUDE TYPE, OWNER, SIZE, MATERIAL, HORIZONTAL COORDINATES (IL STATE PLANE, NAD 83, EAST ZONE), AND ELEVATION (NAVD 88). LIMITS OF ABANDONED OR REMOVED UTILITIES SHALL ALSO BE RECORDED.
8. THE CONTRACTOR SHALL COORDINATE THE ACTIVITIES OF ITS PERSONNEL, SUBCONTRACTORS, AND UTILITIES PERFORMING WORK ON THIS PROJECT.
9. DURING PROGRESS OF WORK, CONTRACTOR SHALL KEEP CONSTRUCTION SITE AND OTHER AREAS FREE FROM ACCUMULATIONS OF WASTE MATERIALS, RUBBISH, AND OTHER DEBRIS. REMOVAL AND DISPOSAL OF SUCH WASTE MATERIALS, RUBBISH, AND OTHER DEBRIS SHALL CONFORM TO APPLICABLE LAWS AND REGULATIONS.
10. CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY, AND FOR KNOWLEDGE AND COMPLIANCE WITH APPLICABLE OSHA STANDARDS. CONTRACTOR SHALL MAINTAIN ALL TRENCHES AND EXCAVATIONS IN SAFE CONDITION TO PROTECT WORKERS AND THE PUBLIC. TRENCH PROTECTION SHALL BE IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P. CONTRACTOR SHALL SLOPE, BRACE, OR SHORE EXCAVATIONS AS REQUIRED BY OSHA REGULATIONS.
11. CONTRACTOR SHALL BACKFILL OR PROPERLY FENCE ALL OPEN EXCAVATIONS AT THE END OF EACH WORK DAY.
12. THE CONTRACTOR SHALL MAINTAIN ON FILE WITH THE OWNER AND ENGINEER A CURRENT LIST OF EMERGENCY TELEPHONE NUMBERS FOR THE CONTRACTORS SUPERVISORY PERSONNEL ASSIGNED TO THIS PROJECT. NO LESS THAN 2 NAMES WITH 24 HOUR PHONE NUMBERS SHALL BE INCLUDED.
13. UNLESS NOTED OTHERWISE, RESTORATION OF EXISTING SANITARY SEWERS AND SERVICE LINES, WATER MAINS AND SERVICE LINES, STORM SEWERS, OTHER UTILITIES (SUCH AS NATURAL GAS, ELECTRICAL, AND COMMUNICATIONS), SIDEWALKS, CURBS, DRIVEWAYS, STREETS OR OTHER IMPROVEMENTS NOT SHOWN AS BEING REMOVED, REPLACED OR MODIFIED BY THE PROJECT IS REQUIRED ONLY TO THE EXTENT THEY ARE DAMAGED OR DISTURBED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL RESTORE ALL DAMAGED AND DISTURBED IMPROVEMENTS TO THE IMPROVEMENT OWNERS AND ENGINEER'S SATISFACTION AT NO COST TO THE OWNER.
14. WHERE NEW WORK ABUTS EXISTING CURBS, SIDEWALK, DRIVES, OR OTHER PAVEMENTS WHICH ARE TO REMAIN IN PLACE, THE CONTRACTOR SHALL PROVIDE NEAT SAWCUTS, FULL DEPTH AT THE LIMIT OF CONSTRUCTION.
15. THE CONTRACTOR SHALL PROTECT ALL PROPERTY PINS (STEEL REBARS, PIPES, CAPPED PINS, ETC.) WHICH ARE FOUND OR LOCATED ON THE PROJECT SITE WHETHER SHOWN ON THE PLANS OR ENCOUNTERED DURING CONSTRUCTION FROM BEING DAMAGED, DESTROYED OR MOVED. IF PROPERTY PINS ARE DAMAGED, DESTROYED OR MOVED, THE CONTRACTOR SHALL PROVIDE THE SERVICES OF A REGISTERED LAND SURVEYOR TO REPLACE THEM AT NO COST TO THE OWNER.
16. AS PART OF THE CONTRACTORS RESPONSIBILITIES A DETAILED SET OF RECORD DRAWINGS SHALL BE KEPT TO RECORD CHANGES OR DEVIATIONS FROM THE PLANS AND TO SHOW EXISTING UNDERGROUND UTILITIES OR OTHER FEATURES ENCOUNTERED DURING CONSTRUCTION. RECORD DRAWINGS SHALL INDICATE PAVEMENT THAT HAS BEEN REPLACED DUE TO DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES.
17. TRUCKS/CONSTRUCTION EQUIPMENT SHALL NOT BE LOADED OR UNLOADED BENEATH EXISTING OVERHEAD UTILITY LINES.

GENERAL NOTES FOR WORK WITHIN COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS RIGHT-OF-WAY

1. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY EXISTING TRAFFIC SIGNAL AND/OR STREET LIGHTING CONDUITS, FIBER CABLES AND EQUIPMENT. IF ANY TRAFFIC SIGNAL CONDUITS, CABLES, AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES AND/OR EQUIPMENT AT NOT COST TO THE COUNTY OR MWRD.
2. THE COUNTY IS NOT PART OF JULIE FOR LOCATION OF THE TRAFFIC SIGNAL EQUIPMENT, CONTACT THE MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING DIVISION AT 312-603-1734.
3. FOR THE LOCATION OF UNDERGROUND COUNTY MAINTAINED FACILITIES, SEE COUNTY SPECIAL PROVISION "TRAFFIC SIGNAL WORK GENERAL".
4. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING CCDOH FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING CCDOH ELECTRICAL FACILITIES FROM THE COUNTY ELECTRICAL MAINTENANCE CONTRACTOR(S) PRIOR TO THE START OF ANY WORK IF THE TRAFFIC SIGNAL IS STILL MAINTAINED BY THE COUNTY. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
5. RESTORATION SHALL BE DONE WITH 4" (MINIMUM) TOPSOIL, FERTILIZER, AND SOD FOR ALL DISTURBED AREAS, OR AS OTHERWISE INDICATED ON THE DRAWINGS.
6. POTHOLING BENEATH PAVEMENT WITHIN CCDOH RIGHT-OF-WAY SHALL CONFORM TO THE FOLLOWING CONDITIONS:
 - A. POTHOLES SHALL BE BACKFILLED WITH FLOWABLE FILL.
 - B. POTHOLES SHALL BE 18 INCHES OR LESS IN DIAMETER AND NOT LOCATED IN A WHEEL LANE OR HIGH TRAFFIC AREA.
 - C. PAVEMENT "PLUGS" SHALL NOTE BE REUSED. CONCRETE PAVEMENT SHALL BE REPLACED IN KIND, WITH A MINIMUM THICKNESS OF 10 INCHES. ASPHALT AND COMPOSITE PAVEMENT SHALL BE RESTORED WITH A MINIMUM OF 10 INCHES OF PORTLAND CEMENT CONCRETE PAVEMENT TOPPED WITH A MINIMUM OF 2 INCHES HOT MIX ASPHALT.
 - D. CONTRACTOR SHALL SUBMIT POTHOLING PLANS TO CCDOH FOR APPROVAL. PLANS SHALL INDICATE LOCATIONS AND DIMENSIONS OF PROPOSED POTHOLES, BACKFILL MATERIAL AND METHODS, AND A DETAIL SHEET SHOWING A TYPICAL SECTION WITH THE THICKNESS AND COMPOSITION OF PAVEMENT REPLACEMENT AND BACKFILL.
7. EXCAVATIONS WITHIN CCDOH RIGHT-OF-WAY SHALL BE BACKFILLED WITH IDOT GRADATION FA-6 SAND IN ACCORDANCE WITH METHOD 1 PER ARTICLE 550.07 OF THE IDOT STANDARD SPECIFICATIONS.
8. PAVEMENT PATCHES SHALL COMPLY WITH SECTION 442 - PAVEMENT PATCHING OF THE IDOT STANDARD SPECIFICATIONS. CLASS B PATCHES ARE REQUIRED FOR CONCRETE PAVEMENT AND CONCRETE BASES. CLASS D PATCHES ARE REQUIRED FOR HMA PAVEMENTS AND HMA BASES. PAVEMENT PATCH LENGTH SHALL BE THE GREATER OF 6 FEET (MEASURED PARALLEL TO THE CENTERLINE OF THE UTILITY) OR 12 INCHES WIDER THAN THE BORE PIT OR TRENCH. PAVEMENT PATCH WIDTH SHALL BE THE FULL LANE WIDTH OF EACH LANE AFFECTED.
9. SIGNS WITHIN THE CCDOH RIGHT-OF-WAY THAT ARE REMOVED FOR CONSTRUCTION SHALL BE REPLACED WITH TYPE ZZ SHEETING AND TELESCOPING STEEL SIGN SUPPORTS PER IDOT STANDARD 728001-01.

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO



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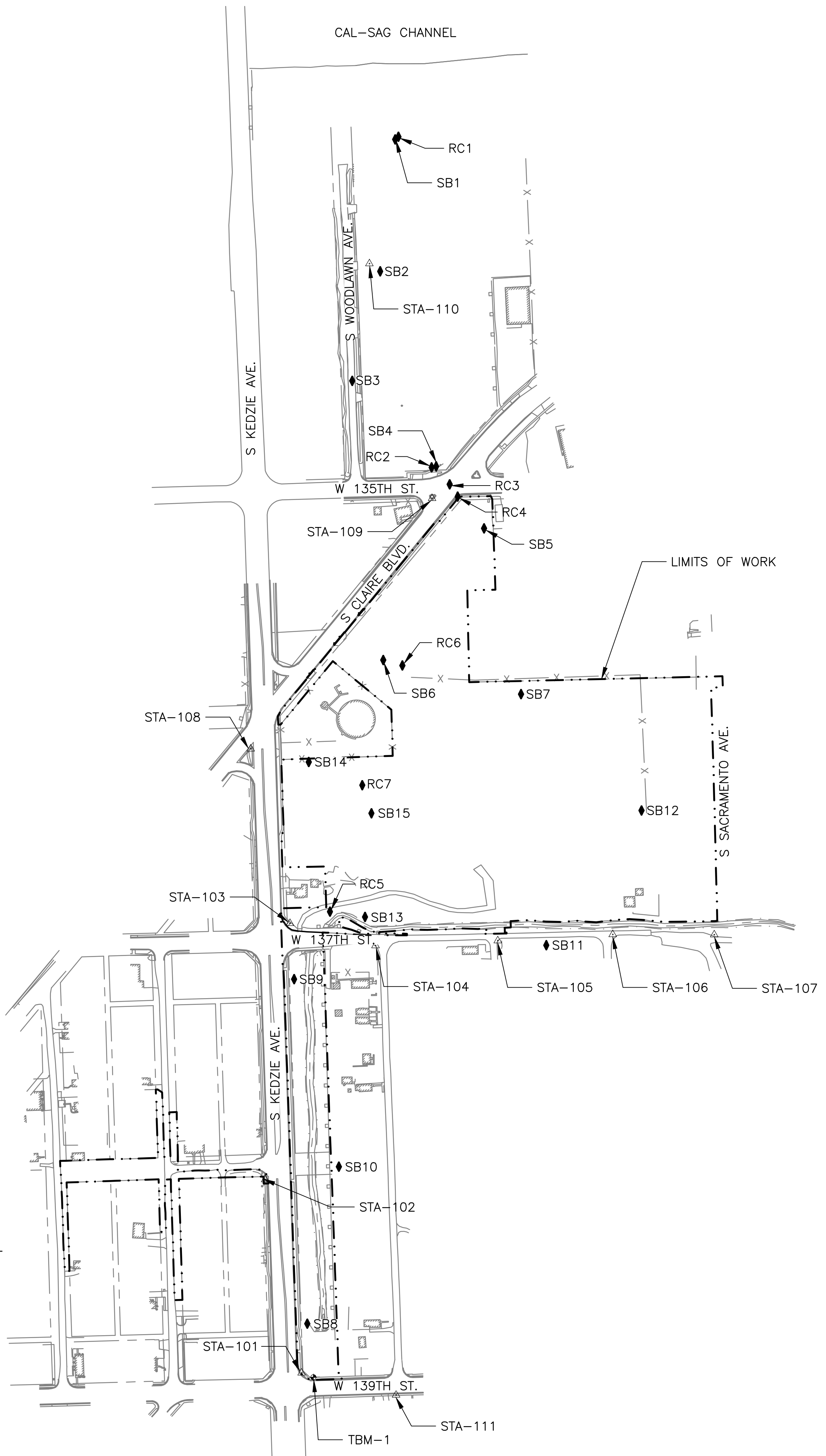


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Drawn by: MLM	Date: MAY 2024		

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

CIVIL GENERAL NOTES



SURVEY CONTROL, SOIL BORING, AND ROCK CORING LOCATION INFORMATION
SCALE = 1"=200'

NOTES:

- REFER TO THE GEOTECHNICAL REPORT INCLUDED IN VOLUME 3 - SUPPLEMENTAL INFORMATION FOR SOIL BORING AND ROCK CORING INFORMATION AND LOGS.

LEGEND:

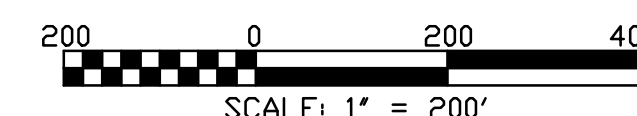
- △ CONTROL POINT
- ◆ BENCHMARK
- ◆ SOIL BORE OR ROCK CORE LOCATION
- SB SOIL BORING
- RC ROCK CORING
- - - LIMITS OF WORK
- EXISTING ITEMS (LINETYPE VARIES)

SURVEY CONTROL POINTS AND BENCHMARKS				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
STA-101	1812288.74	1157717.47	603.19	CHISELED "X"
STA-102	1812862.08	1157609.33	596.86	CHISELED "X"
STA-103	1813622.39	1157682.96	600.57	CHISELED "X"
STA-104	1813556.47	1157936.61	598.14	MAGNETIC NAIL
STA-105	1813570.90	1158299.21	598.28	MAGNETIC NAIL
STA-106	1813589.25	1158640.14	597.09	MAGNETIC NAIL
STA-107	1813588.75	1158941.07	598.10	IRON ROD WITH CAP
STA-108	1814139.99	1157566.62	597.51	CHISELED "X"
STA-109	1814883.35	1158104.39	596.96	CHISELED "X"
STA-110	1815579.99	1157918.54	599.41	IRON ROD WITH CAP
STA-111	1812222.90	1157997.56	599.76	CHISELED "X"
TBM-1	1812275.76	1157752.47	603.42	CUT SQUARE (TEMPORARY BENCHMARK)

SOIL BORING LOCATIONS			
NUMBER	NORTHING	EASTING	GROUND ELEVATION
SB1	1815948.52	1157994.82	595.86
SB2	1815557.03	1157950.48	599.82
SB3	1815232.05	1157867.49	598.58
SB4	1814978.19	1158116.43	598.34
SB5	1814794.32	1158258.60	598.40
SB6	1814403.66	1157959.60	596.89
SB7	1814302.56	1158368.22	596.65
SB8	1812434.61	1157734.26	602.15
SB9	1813456.73	1157695.18	599.71
SB10	1812900.32	1157827.98	597.26
SB11	1813557.44	1158443.07	596.88
SB12	1813957.27	1158725.55	596.96
SB13	1813641.50	1157905.53	598.52
SB14	1814101.21	1157738.72	598.17
SB15	1813948.93	1157924.46	599.43

ROCK CORING LOCATIONS			
NUMBER	NORTHING	EASTING	GROUND ELEVATION
RC1	1815956.40	1158004.73	595.9
RC2	1814975.26	1158103.07	598.3
RC3	1814925.04	1158156.59	597.0
RC4	1814888.78	1158180.39	597.0
RC5	1813657.13	1157801.49	598.5
RC6	1814387.52	1158016.30	596.9
RC7	1814032.37	1157897.43	599.4

COORDINATES SHOWN HEREON ARE ILLINOIS STATE PLANE COORDINATES, EAST ZONE - NAD 83 (2011). ELEVATIONS ARE NAVD 88, AND ARE ADJUSTED TO THE NATIONAL GEODETIC SURVEY (NGS) MONUMENT PID# AJ2778. SURVEY COMBINED FACTOR = 0.99998494.



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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR

FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID) LITTLE CALUMET RIVER WATERSHED

SURVEY CONTROL, SOIL BORING, AND ROCK CORING INFORMATION

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Designed by: MLM
Drawn by: MLM
Date: MAY 2024

Reviewed by: EPC
Scale: AS SHOWN

Sheet Number:
C-003

Page Number: 11

PLOT DATE: 8/15/2024 12:07 PM PLOTTED BY: MADRID, MICHELLE
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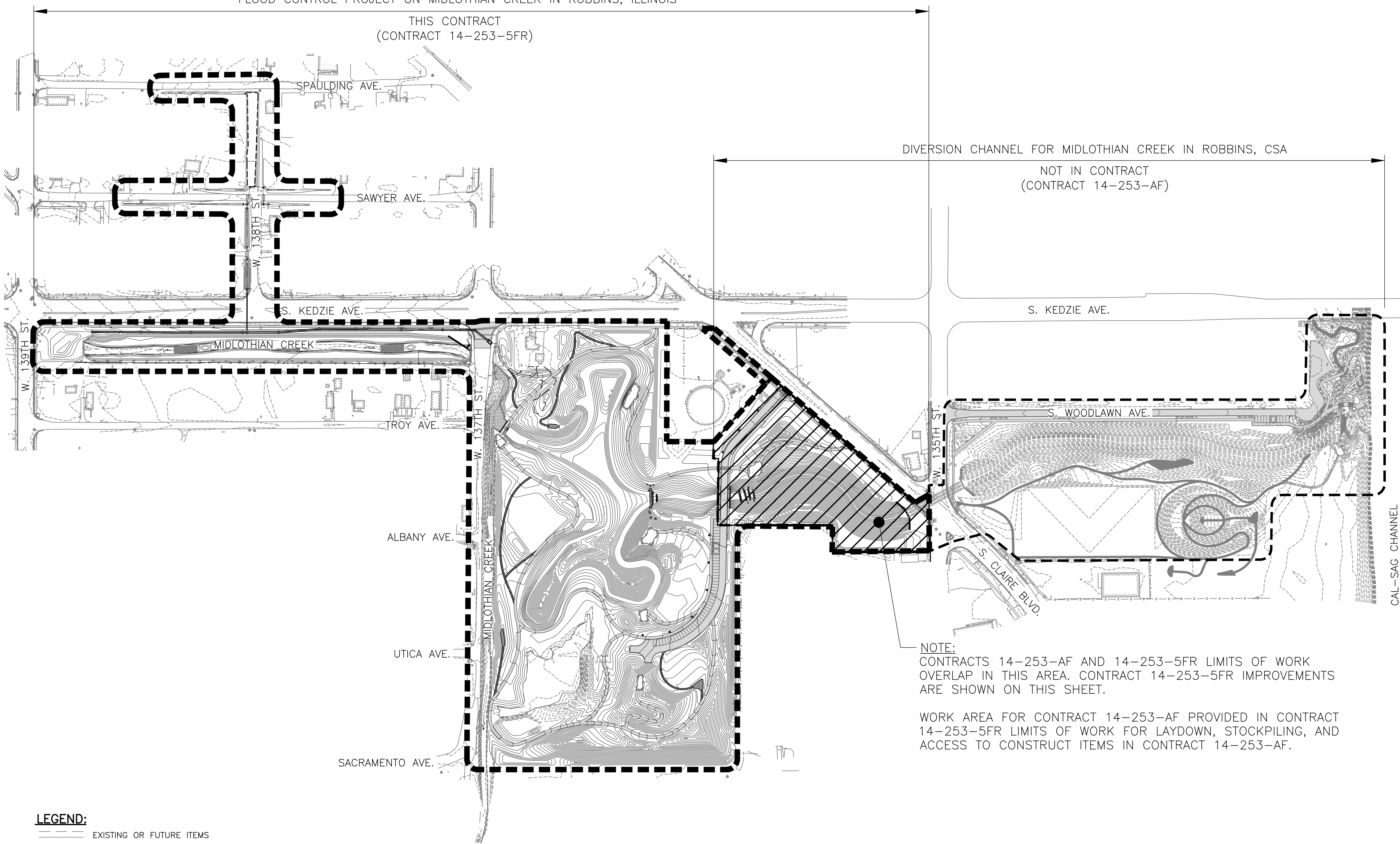


FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS

THIS CONTRACT
 (CONTRACT 14-253-5FR)

DIVERSION CHANNEL FOR MIDLOTHIAN CREEK IN ROBBINS, CSA

NOT IN CONTRACT
 (CONTRACT 14-253-AF)



- LEGEND:**
- EXISTING OR FUTURE ITEMS
 - NEW WORK THIS CONTRACT
 - CONTRACT BOUNDARY
 - CONTRACT OVERLAP AREA

OVERALL PROJECT AND CONTRACT COORDINATION PLAN
 SCALE = NTS

NOTE:
 CONTRACTS 14-253-AF AND 14-253-5FR LIMITS OF WORK OVERLAP IN THIS AREA. CONTRACT 14-253-5FR IMPROVEMENTS ARE SHOWN ON THIS SHEET.

WORK AREA FOR CONTRACT 14-253-AF PROVIDED IN CONTRACT 14-253-5FR LIMITS OF WORK FOR LAYDOWN, STOCKPILING, AND ACCESS TO CONSTRUCT ITEMS IN CONTRACT 14-253-AF.

NOT TO SCALE

Rev.	Description	Appr.	Date
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: MLM
 Checked by: PMS

Drawn by: MLM
 Reviewed by: EPC

Date: MAY 2024
 Scale: AS SHOWN

LIVING HABITATS

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 CONSULTING ENGINEERS

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OEA
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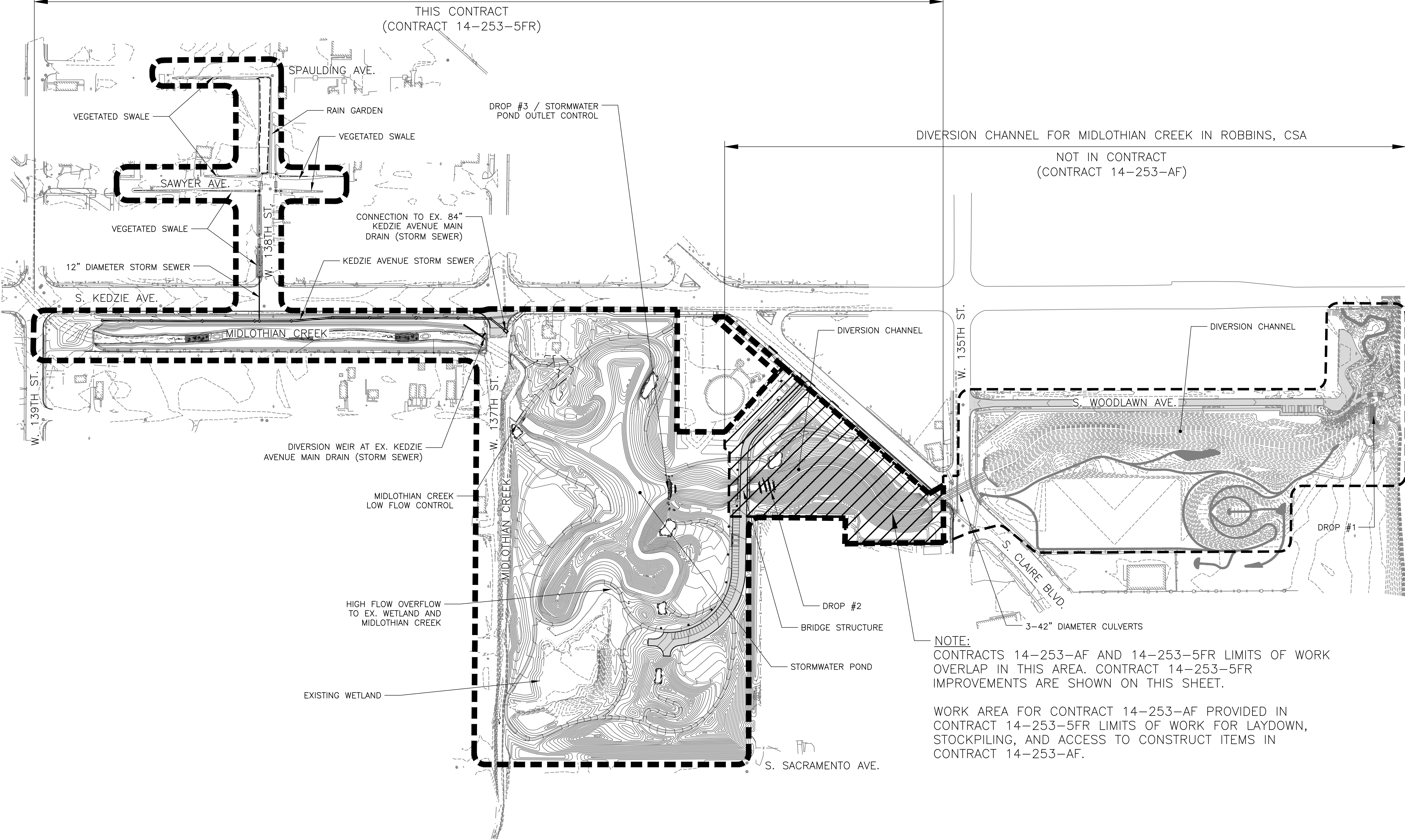
CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED
**OVERALL PROJECT AND CONTRACT
 COORDINATION PLAN**

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FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, CSA



LEGEND:
 --- EXISTING ITEMS
 ——— NEW WORK THIS CONTRACT

KEY HYDRAULIC FEATURES
 SCALE = NTS

DIVERSION CHANNEL FOR MIDLOTHIAN CREEK IN ROBBINS, CSA

NOT IN CONTRACT
 (CONTRACT 14-253-AF)

NOTE:
 CONTRACTS 14-253-AF AND 14-253-5FR LIMITS OF WORK OVERLAP IN THIS AREA. CONTRACT 14-253-5FR IMPROVEMENTS ARE SHOWN ON THIS SHEET.

WORK AREA FOR CONTRACT 14-253-AF PROVIDED IN CONTRACT 14-253-5FR LIMITS OF WORK FOR LAYDOWN, STOCKPILING, AND ACCESS TO CONSTRUCT ITEMS IN CONTRACT 14-253-AF.

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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DRAWN BY: MLM
REVIEWED BY: EPC
DATE: MAY 2024

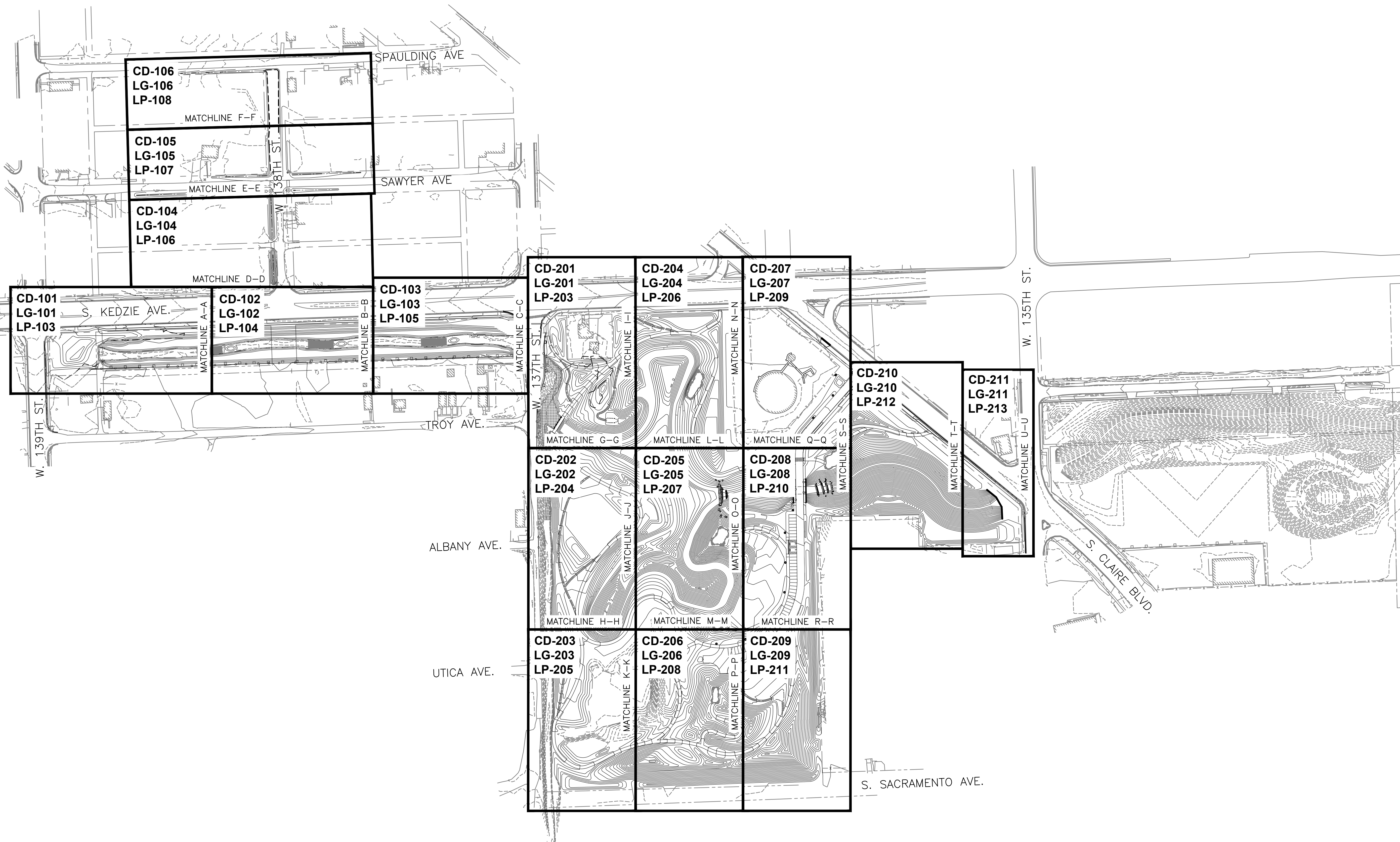
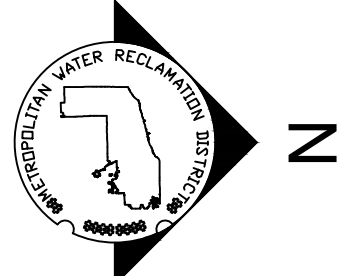
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LIVING HABITATS

CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED
KEY HYDRAULIC FEATURES

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KEY LOCATION PLAN
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**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

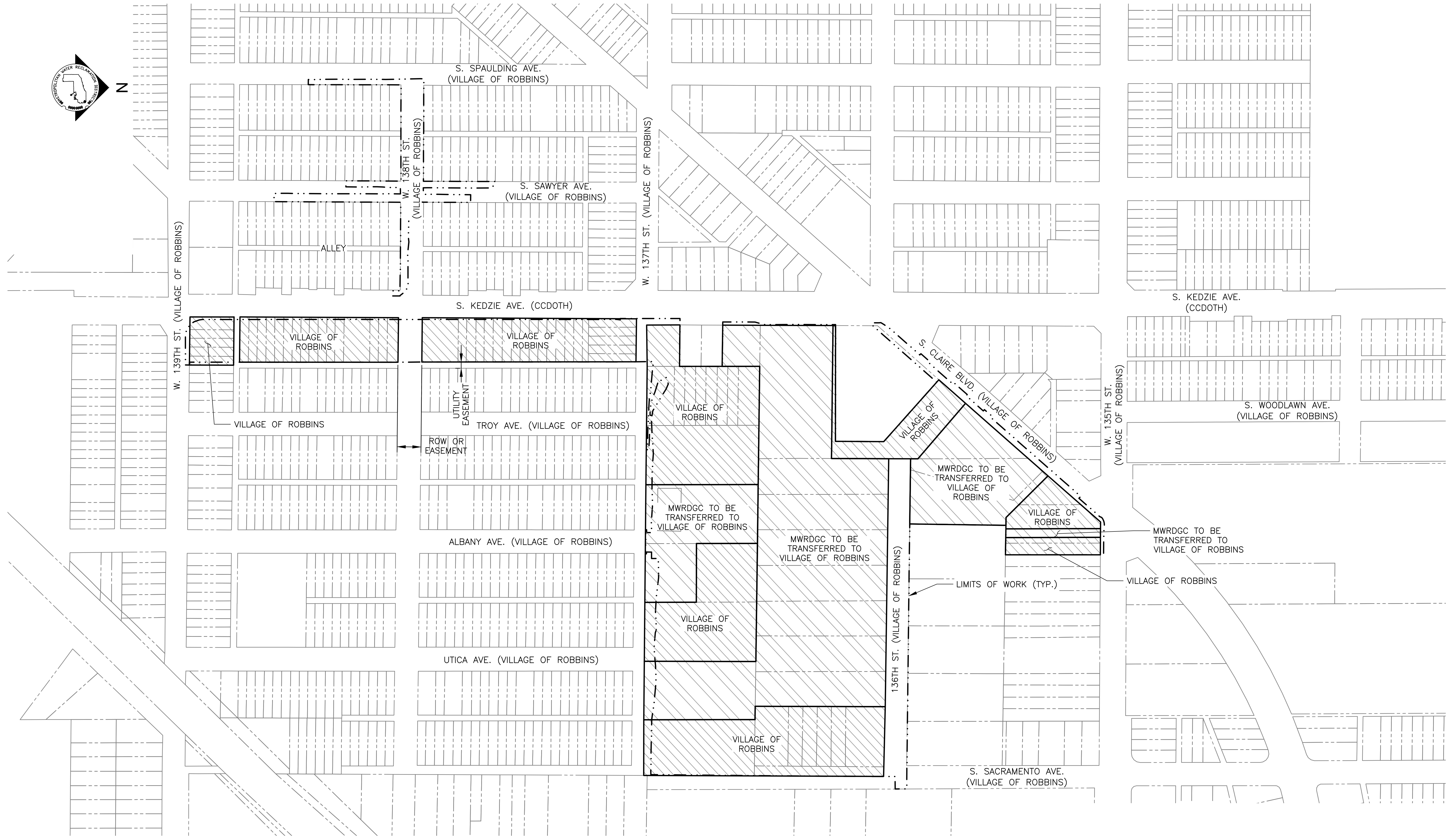
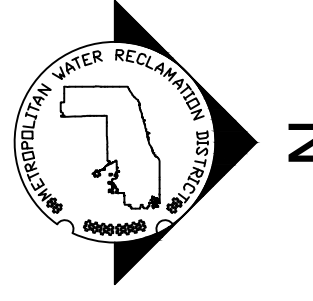
CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
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LITTLE CALUMET RIVER WATERSHED

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- LEGEND:**
- EXISTING PROPERTY LINE
 - LIMITS OF WORK
 - VILLAGE OF ROBBINS PROPERTY
 - MWRDGC PROPERTY TO BE TRANSFERRED TO THE VILLAGE OF ROBBINS
- S. SAWYER AVE. (VILLAGE OF ROBBINS) STREET NAME
RIGHT-OF-WAY OWNER
- CCDOTH COOK COUNTY DEPARTMENT OF
TRANSPORTATION AND HIGHWAYS

PROPERTY OWNERSHIP EXHIBIT
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

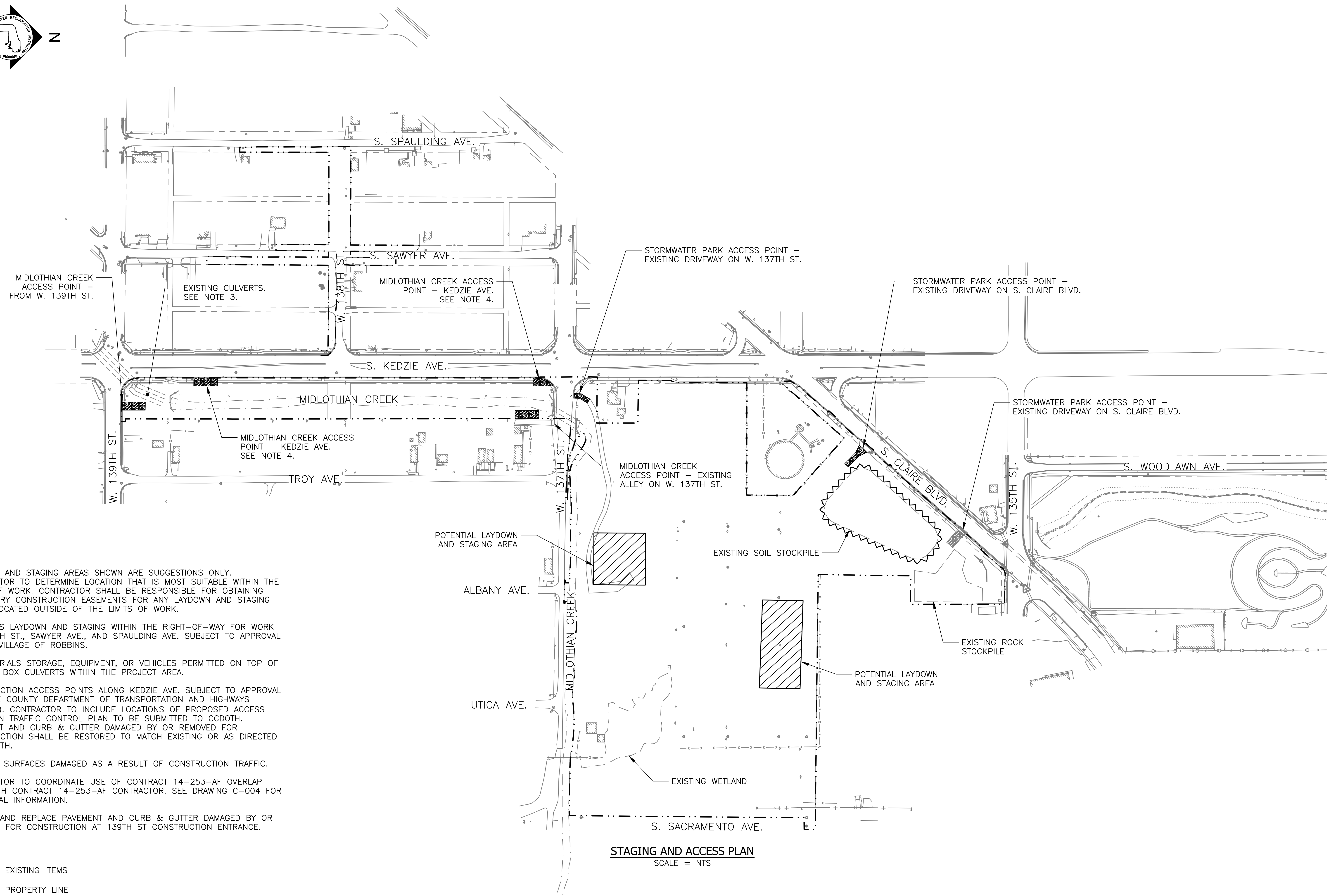
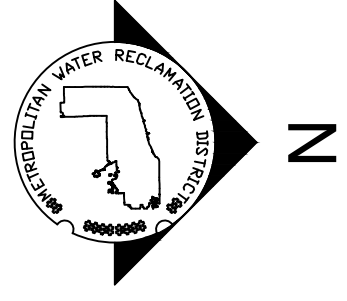
Contract 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PROPERTY OWNERSHIP EXHIBIT

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CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PROPERTY OWNERSHIP EXHIBIT



NOTES:

- LAYDOWN AND STAGING AREAS SHOWN ARE SUGGESTIONS ONLY. CONTRACTOR TO DETERMINE LOCATION THAT IS MOST SUITABLE WITHIN THE LIMITS OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING TEMPORARY CONSTRUCTION EASEMENTS FOR ANY LAYDOWN AND STAGING AREAS LOCATED OUTSIDE OF THE LIMITS OF WORK.
- MATERIALS LAYDOWN AND STAGING WITHIN THE RIGHT-OF-WAY FOR WORK ON 138TH ST., SAWYER AVE., AND SPAULDING AVE. SUBJECT TO APPROVAL BY THE VILLAGE OF ROBBINS.
- NO MATERIALS STORAGE, EQUIPMENT, OR VEHICLES PERMITTED ON TOP OF EXISTING BOX CULVERTS WITHIN THE PROJECT AREA.
- CONSTRUCTION ACCESS POINTS ALONG KEDZIE AVE. SUBJECT TO APPROVAL OF COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS (CCDOH). CONTRACTOR TO INCLUDE LOCATIONS OF PROPOSED ACCESS POINTS IN TRAFFIC CONTROL PLAN TO BE SUBMITTED TO CCDOH. PAVEMENT AND CURB & GUTTER DAMAGED BY OR REMOVED FOR CONSTRUCTION SHALL BE RESTORED TO MATCH EXISTING OR AS DIRECTED BY CCDOH.
- RESTORE SURFACES DAMAGED AS A RESULT OF CONSTRUCTION TRAFFIC.
- CONTRACTOR TO COORDINATE USE OF CONTRACT 14-253-AF OVERLAP AREA WITH CONTRACT 14-253-AF CONTRACTOR. SEE DRAWING C-004 FOR ADDITIONAL INFORMATION.
- REMOVE AND REPLACE PAVEMENT AND CURB & GUTTER DAMAGED BY OR REMOVED FOR CONSTRUCTION AT 139TH ST CONSTRUCTION ENTRANCE.

LEGEND:

- EXISTING ITEMS
- - - PROPERTY LINE
- · - · - LIMITS OF WORK

STAGING AND ACCESS PLAN
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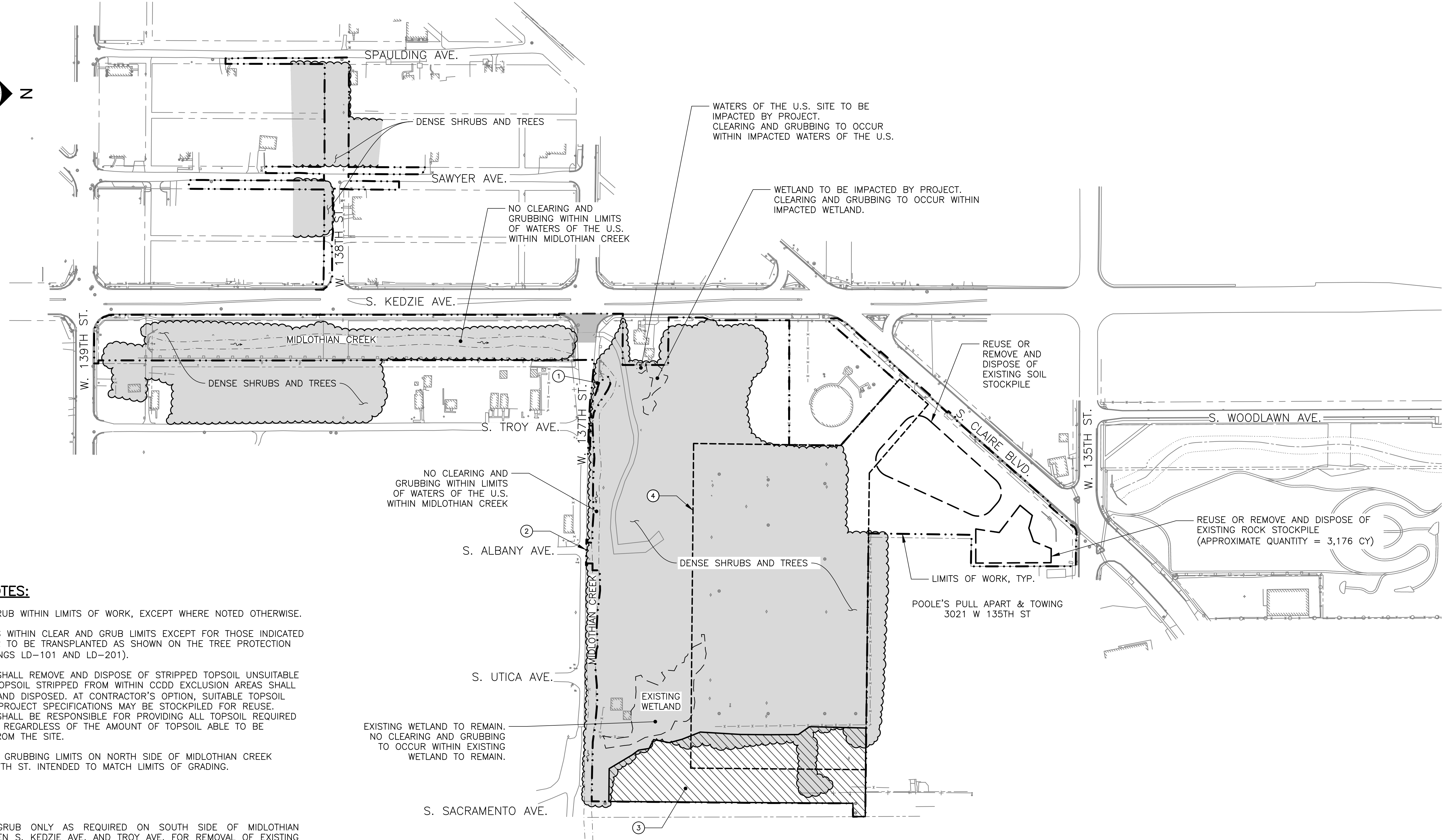
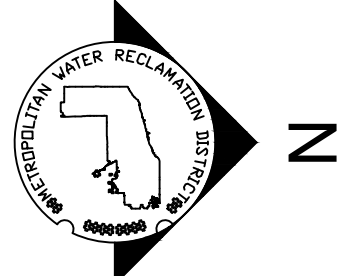
**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

CONTRACT 14-253-5FR
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STAGING AND ACCESS PLAN

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GENERAL NOTES:

- CLEAR AND GRUB WITHIN LIMITS OF WORK, EXCEPT WHERE NOTED OTHERWISE.
- REMOVE TREES WITHIN CLEAR AND GRUB LIMITS EXCEPT FOR THOSE INDICATED TO REMAIN OR TO BE TRANSPLANTED AS SHOWN ON THE TREE PROTECTION PLANS (DRAWINGS LD-101 AND LD-201).
- CONTRACTOR SHALL REMOVE AND DISPOSE OF STRIPPED TOPSOIL UNSUITABLE FOR REUSE. TOPSOIL STRIPPED FROM WITHIN CCDD EXCLUSION AREAS SHALL BE REMOVED AND DISPOSED. AT CONTRACTOR'S OPTION, SUITABLE TOPSOIL MEETING THE PROJECT SPECIFICATIONS MAY BE STOCKPILED FOR REUSE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TOPSOIL REQUIRED IN THE WORK, REGARDLESS OF THE AMOUNT OF TOPSOIL ABLE TO BE RECOVERED FROM THE SITE.
- CLEARING AND GRUBBING LIMITS ON NORTH SIDE OF MIDLOTHIAN CREEK ALONG W. 137TH ST. INTENDED TO MATCH LIMITS OF GRADING.

KEY NOTES:

- CLEAR AND GRUB ONLY AS REQUIRED ON SOUTH SIDE OF MIDLOTHIAN CREEK BETWEEN S. KEDZIE AVE. AND TROY AVE. FOR REMOVAL OF EXISTING FLARED END SECTION, INSTALLATION OF NEW DUCKBILL CHECK VALVE, AND REMOVAL AND REPLACEMENT OF EXISTING GUARD RAIL. SEE DRAWING CD-103 AND CD-201 FOR REMOVALS. SEE DRAWING CU-201 FOR INSTALLATION OF DUCKBILL CHECK VALVE AND DRAWING LM-201 FOR INSTALLATION OF GUARD RAIL.
- CLEAR AND GRUB ONLY AS REQUIRED ON SOUTH SIDE OF MIDLOTHIAN CREEK NEAR ALBANY AVE. FOR REMOVALS SHOWN ON DRAWING CD-202, INSTALLATION OF DUCKBILL CHECK VALVE SHOWN ON DRAWING CU-201, AND INSTALLATION OF NEW GUARD RAIL AS SHOWN ON DRAWING LM-201.
- AREA CONTAINING VEHICLES FROM POOLE'S PULL APART & TOWING (APPROXIMATE LIMITS SHOWN). CONTRACTOR SHALL COORDINATE WITH POOLE'S PULL APART & TOWING FOR REMOVAL OF VEHICLES. CONTRACTOR IS ADVISED THAT VEHICLES MAY BE STACKED VERTICALLY IN SEVERAL LAYERS ALONG THE LIMITS OF WORK. ADDITIONAL SAFETY BARRIERS MAY BE REQUIRED FOR WORK IN THESE AREAS.
- APPROXIMATE LOCATION OF FORMER WYNNHAVEN MOBILE HOME PARK. FOUNDATIONS FROM FORMER MOBILE HOME SITES AND PAVING MATERIALS FROM FORMER ACCESS ROADS MAY BE PRESENT. CONTRACTOR SHALL REMOVE FOUNDATIONS AND PAVING MATERIALS ENCOUNTERED. LIMITS OF THE FORMER MOBILE HOME PARK ARE SHOWN ON THE WYNNHAVEN MOBILE HOME PARK SEWER RECORD DRAWING PROVIDED ON REFERENCE DRAWING R-014.

LEGEND:

- EXISTING ITEMS
- PROPERTY LINE
- LIMITS OF WORK
- APPROXIMATE TREE LINE
- WATERS OF THE UNITED STATES (WOUS) BOUNDARY
- AREA OF DENSE SHRUBS AND TREES
- AREA CONTAINING VEHICLES FROM POOLE'S PULL APART & TOWING

CLEAR AND GRUB PLAN
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CONTRACT 14-253-5FR
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CLEAR AND GRUB PLAN

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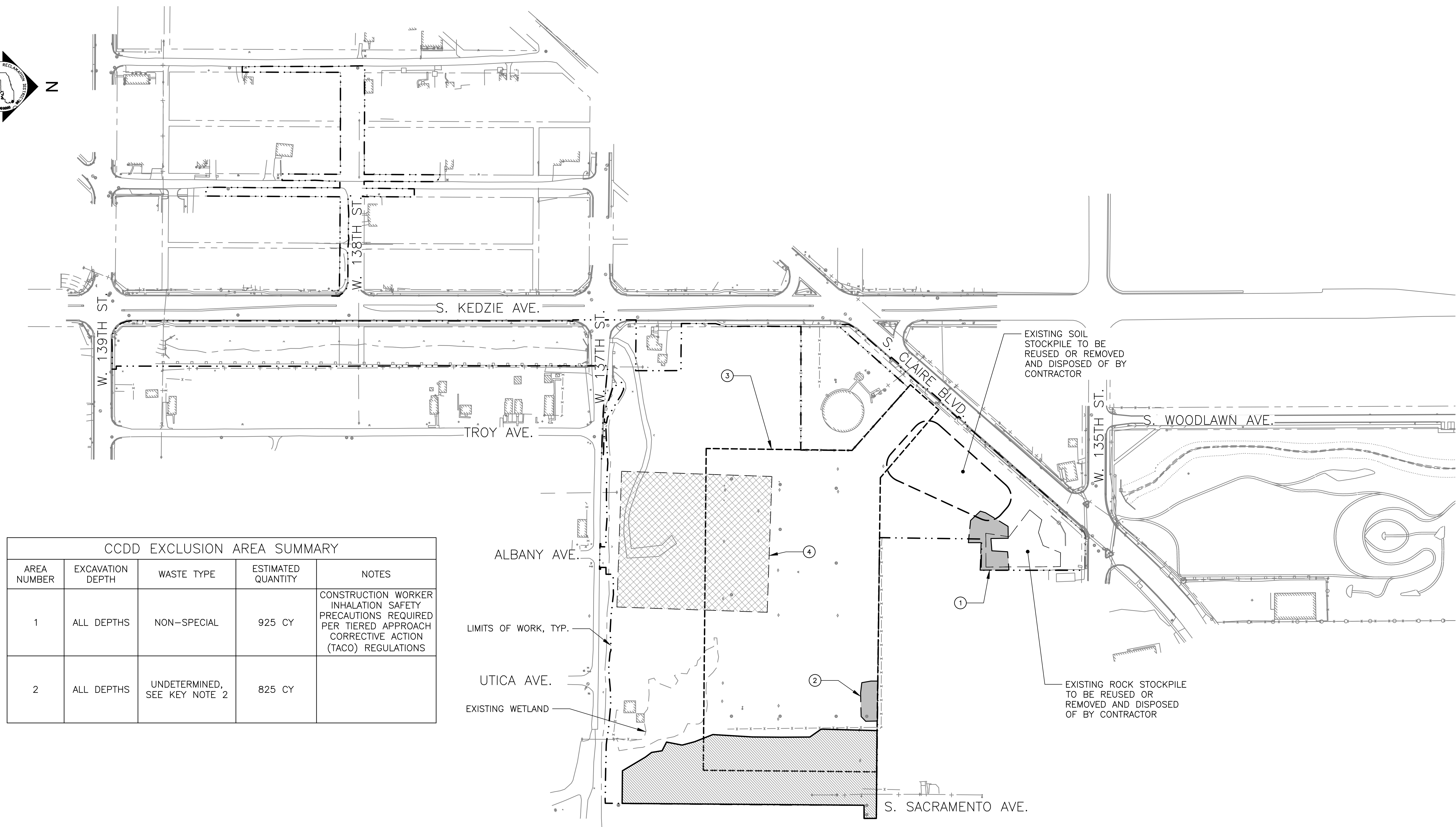
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CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
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LITTLE CALUMET RIVER WATERSHED

CLEAR AND GRUB PLAN

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CCDD EXCLUSION AREA SUMMARY				
AREA NUMBER	EXCAVATION DEPTH	WASTE TYPE	ESTIMATED QUANTITY	NOTES
1	ALL DEPTHS	NON-SPECIAL	925 CY	CONSTRUCTION WORKER INHALATION SAFETY PRECAUTIONS REQUIRED PER TIERED APPROACH CORRECTIVE ACTION (TACO) REGULATIONS
2	ALL DEPTHS	UNDETERMINED, SEE KEY NOTE 2	825 CY	

CLEAN CONSTRUCTION OR DEMOLITION DEBRIS EXCLUSION AREAS
SCALE = NTS

- LEGEND:**
- DEBRIS PILE (LIMITS APPROXIMATE)
 - CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) EXCLUSION AREA OR POTENTIAL CCDD EXCLUSION AREA
 - AREA CONTAINING VEHICLES FROM POOLE'S PULL APART & TOWING
 - LIMITS OF WORK
 - PROPERTY LINE
 - EXISTING ITEMS

- NOTES:**
- MISCELLANEOUS DEBRIS IS LOCATED THROUGHOUT SITE AND IS NOT SHOWN ON CONSTRUCTION DRAWINGS. DEBRIS MAY BE INELIGIBLE FOR DISPOSAL AT A CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) FACILITY.
 - NON-SPECIAL WASTE MAY BE DISPOSED OF AT A SUBTITLE D LANDFILL. LANDFILL MAY REQUIRE WASTE CHARACTERIZATION TESTING PRIOR TO ACCEPTING THE SOILS.
 - CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

- KEY NOTES:**
- CCDD EXCLUSION AREA 1. SOIL AND ROCK STOCKPILES PLACE ON TOP OF EXCLUSION AREA ARE NOT PART OF CCDD EXCLUSION AREA 1.
 - POTENTIAL CCDD EXCLUSION AREA 2 (BLACK OIL OBSERVED DURING SITE VISIT ON 7/21/2017).
 - APPROXIMATE LOCATION OF FORMER WYNNHAVEN MOBILE HOME PARK. FOUNDATIONS FROM FORMER MOBILE HOME SITES AND PAVING MATERIALS FROM FORMER ACCESS ROADS MAY BE PRESENT. CONTRACTOR SHALL REMOVE FOUNDATIONS AND PAVING MATERIALS ENCOUNTERED. LIMITS OF THE FORMER MOBILE HOME PARK ARE SHOWN ON THE WYNNHAVEN MOBILE HOME PARK SEWER RECORD DRAWING PROVIDED ON REFERENCE DRAWING R-014.
 - AREA CONTAINING MISCELLANEOUS DEBRIS. DEBRIS MAY BE INELIGIBLE FOR DISPOSAL AT A CCDD FACILITY.

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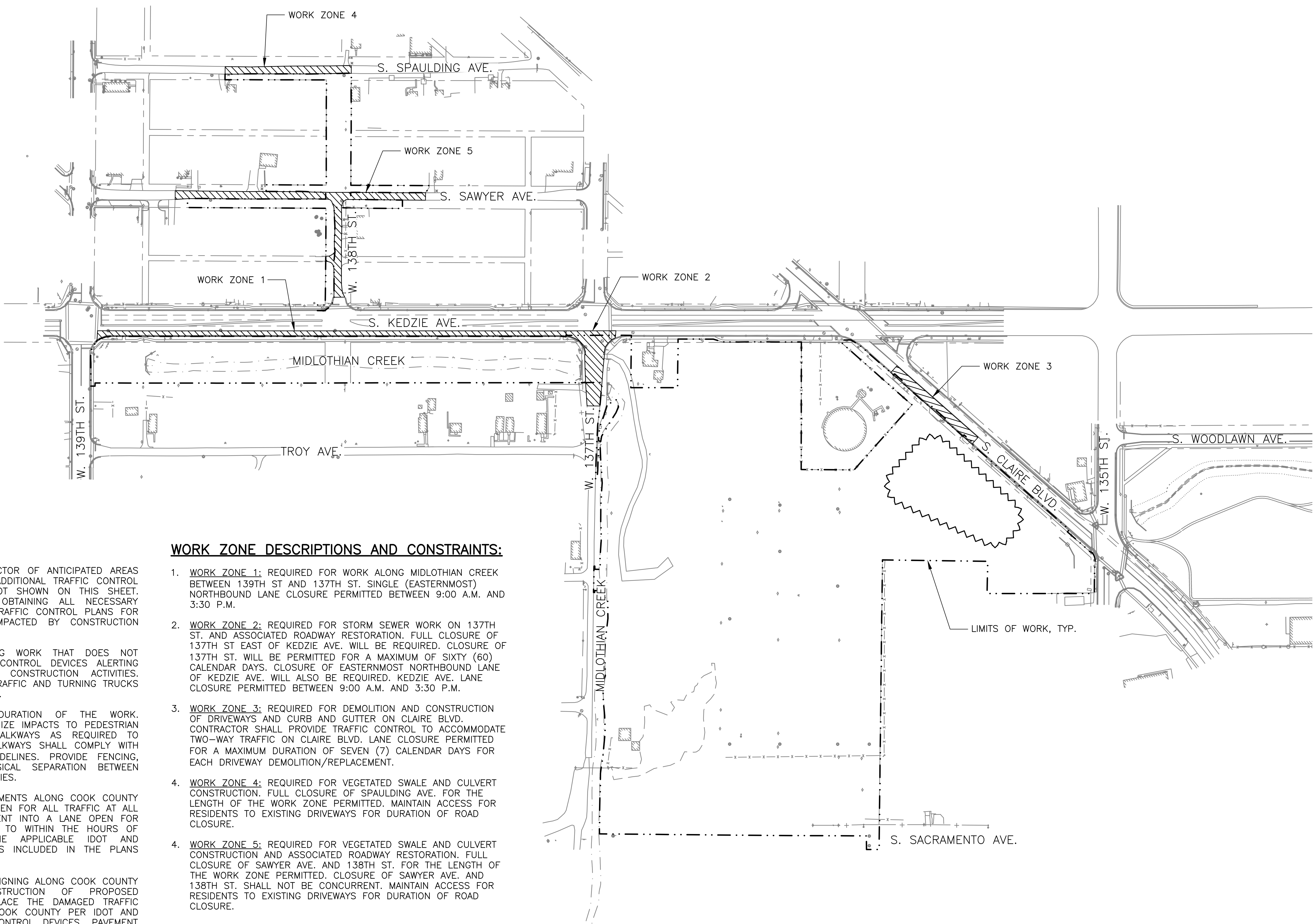
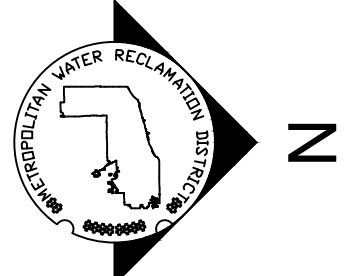
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CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED
CLEAN CONSTRUCTION OR DEMOLITION DEBRIS EXCLUSION AREAS

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NOTES:

1. THIS SHEET IS INTENDED TO INFORM CONTRACTOR OF ANTICIPATED AREAS WHERE LANE CLOSURES WILL BE REQUIRED. ADDITIONAL TRAFFIC CONTROL MEASURES MAY BE REQUIRED FOR AREAS NOT SHOWN ON THIS SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY TRAFFIC CONTROL PERMITS AND DEVELOPING TRAFFIC CONTROL PLANS FOR ALL ROADWAYS AND PEDESTRIAN ROUTES IMPACTED BY CONSTRUCTION ACTIVITIES.
2. FOR DURATION OF THE PROJECT, INCLUDING WORK THAT DOES NOT REQUIRE LANE CLOSURES, PROVIDE TRAFFIC CONTROL DEVICES ALERTING PEDESTRIANS, CYCLISTS, AND VEHICLES OF CONSTRUCTION ACTIVITIES. PROVIDE ADVANCE NOTICE OF CONSTRUCTION TRAFFIC AND TURNING TRUCKS AT ALL CONSTRUCTION ENTRANCES TO THE SITE.
3. MAINTAIN PEDESTRIAN ACCESS FOR THE DURATION OF THE WORK. CONTRACTOR SHALL SEQUENCE WORK TO MINIMIZE IMPACTS TO PEDESTRIAN TRAFFIC AND SHALL PROVIDE TEMPORARY WALKWAYS AS REQUIRED TO MAINTAIN PEDESTRIAN ACCESS. TEMPORARY WALKWAYS SHALL COMPLY WITH AMERICANS WITH DISABILITIES ACT (ADA) GUIDELINES. PROVIDE FENCING, CONCRETE WALL BARRIER, OR OTHER PHYSICAL SEPARATION BETWEEN PEDESTRIAN ROUTES AND CONSTRUCTION ACTIVITIES.
4. DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG COOK COUNTY HIGHWAYS, TWO-WAY TRAFFIC SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 A.M. TO 3:00 P.M. FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
5. IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG COOK COUNTY ROADWAYS IS DAMAGED DUE TO CONSTRUCTION OF PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES, PAVEMENT MARKING, AND SIGNAGE INCLUDED IN THE PLANS. REPLACEMENT PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE PAVEMENT MARKINGS IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS ARTICLE 1095.09.

WORK ZONE DESCRIPTIONS AND CONSTRAINTS:

1. **WORK ZONE 1:** REQUIRED FOR WORK ALONG MIDLOTHIAN CREEK BETWEEN 139TH ST AND 137TH ST. SINGLE (EASTERNMOST) NORTHBOUND LANE CLOSURE PERMITTED BETWEEN 9:00 A.M. AND 3:30 P.M.
2. **WORK ZONE 2:** REQUIRED FOR STORM SEWER WORK ON 137TH ST. AND ASSOCIATED ROADWAY RESTORATION. FULL CLOSURE OF 137TH ST. WILL BE PERMITTED FOR A MAXIMUM OF SIXTY (60) CALENDAR DAYS. CLOSURE OF EASTERNMOST NORTHBOUND LANE OF KEDZIE AVE. WILL ALSO BE REQUIRED. KEDZIE AVE. LANE CLOSURE PERMITTED BETWEEN 9:00 A.M. AND 3:30 P.M.
3. **WORK ZONE 3:** REQUIRED FOR DEMOLITION AND CONSTRUCTION OF DRIVEWAYS AND CURB AND GUTTER ON CLAIRE BLVD. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL TO ACCOMMODATE TWO-WAY TRAFFIC ON CLAIRE BLVD. LANE CLOSURE PERMITTED FOR A MAXIMUM DURATION OF SEVEN (7) CALENDAR DAYS FOR EACH DRIVEWAY DEMOLITION/REPLACEMENT.
4. **WORK ZONE 4:** REQUIRED FOR VEGETATED SWALE AND CULVERT CONSTRUCTION. FULL CLOSURE OF SPAULDING AVE. FOR THE LENGTH OF THE WORK ZONE PERMITTED. MAINTAIN ACCESS FOR RESIDENTS TO EXISTING DRIVEWAYS FOR DURATION OF ROAD CLOSURE.
4. **WORK ZONE 5:** REQUIRED FOR VEGETATED SWALE AND CULVERT CONSTRUCTION AND ASSOCIATED ROADWAY RESTORATION. FULL CLOSURE OF SAWYER AVE. AND 138TH ST. FOR THE LENGTH OF THE WORK ZONE PERMITTED. CLOSURE OF SAWYER AVE. AND 138TH ST. SHALL NOT BE CONCURRENT. MAINTAIN ACCESS FOR RESIDENTS TO EXISTING DRIVEWAYS FOR DURATION OF ROAD CLOSURE.

TRAFFIC CONTROL PLAN
SCALE = NTS

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LEGEND:

	EXISTING ITEMS
	LIMITS OF WORK
	TRAFFIC CONTROL WORK ZONE

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Contract 14-253-5FR
FLOOD CONTROL PROJECT ON
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TRAFFIC CONTROL PLAN

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EROSION CONTROL NOTES:

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.
2. THE WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT (WSCSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
3. A COPY OF THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE MAINTAINED AT THE SITE AT ALL TIMES.
4. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS, A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE WSCSWCD.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE WSCSWCD.
6. DURING DEWATERING OPERATIONS, WATER WILL BE FILTERED, OR PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES, OR STORMWATER STRUCTURES IS PROHIBITED.
7. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S), WHO MAY PERFORM WORK ON THIS SITE/PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THE APPROVED EROSION CONTROL PLAN AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. CONTRACTOR SHALL PROVIDE AN EROSION CONTROL PLAN INDICATING PROPOSED METHODS, MATERIALS, AND SCHEDULE FOR EFFECTING EROSION AND SILTATION CONTROL TO PREVENT EROSION DAMAGE TO SITE AND ADJACENT AREA.
9. ALL CONSTRUCTION ACTIVITIES THAT INVOLVE EARTHWORK SHALL MEET THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PHASE II REQUIREMENTS
10. ALL EROSION AND SEDIMENT CONTROL SYSTEMS SHALL BE IMPLEMENTED PRIOR TO EXCAVATION, GRADING, OR OTHER DISTURBANCE OF THE EXISTING GROUND.
11. THE CONTRACTOR SHALL MAINTAIN EXISTING POSITIVE DRAINAGE FROM OFF-SITE AT ALL TIMES DURING CONSTRUCTION.
12. STRIPPING OF VEGETATION, GRADING OR OTHER SOIL DISTURBANCE, SHALL BE DONE IN A MANNER WHICH WILL MINIMIZE SOIL EROSION, AND SHALL BE IN ACCORDANCE WITH THE APPROVED DRAWINGS, MITIGATION, AND PERMIT REQUIREMENTS.
13. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO MINIMIZE EARTHWORK IN AREAS WHERE TREES ARE TO BE SAVED AS SHOWN ON THE PLANS OR DETERMINED IN THE FIELD.
14. CONTRACTOR SHALL SUBMIT ALL PROPOSED DEWATERING AND COFFERDAM PLANS TO MWRD AND WSCSWCD FOR REVIEW PRIOR TO INSTALLATION.
15. SEDIMENTATION SHALL BE RETAINED ON SITE. SILT FENCE SHALL BE INSTALLED ALONG THE PERIMETER OF ALL REGRADED AREAS OR AS REQUIRED TO PREVENT SEDIMENT FROM ENTERING AND/OR LEAVING THE SITE. SILT FENCE SHALL REMAIN IN PLACE UNTIL THE SEDIMENT CONTRIBUTING AREAS ARE STABILIZED.
16. DUST PRODUCED FROM THE SITE SHALL BE KEPT TO A MINIMUM DURING DRY PERIODS BY SPRAYING WATER AS REQUIRED TO THE ENGINEER'S SATISFACTION AND IS TO BE CONSIDERED INCIDENTAL.
17. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
18. THE CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT FACILITIES. THE EXACT LOCATION OF THESE FACILITIES SHALL BE DEFINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. CONCRETE WASHOUT FACILITIES SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
19. CULVERTS AND DRAINAGE DITCHES SHALL BE KEPT CLEAN AND CLEAR OF OBSTRUCTIONS DURING THE CONSTRUCTION PERIOD.
20. SILT FENCES SHALL BE INSPECTED DAILY AND REPAIRED OR REPLACED AS REQUIRED TO MAINTAIN BOTH THEIR EFFECTIVENESS AND INTEGRITY.
21. WATER COURSES AND DRAINAGE SWALES ADJACENT TO CONSTRUCTION ACTIVITIES SHALL BE MONITORED FOR EVIDENCE OF SILT INTRUSION AND OTHER ADVERSE ENVIRONMENTAL IMPACTS. ANY PROBLEMS OR DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY UPON THEIR DISCOVERY.
22. CONTRACTOR SHALL INSPECT EROSION CONTROL SYSTEMS DAILY AND MAKE NECESSARY REPAIRS PRIOR TO THE START OF EACH DAY'S CONSTRUCTION AND AT THE END OF EACH DAY'S CONSTRUCTION.
23. CONTRACTOR SHALL MAINTAIN ADEQUATE STOCKPILES OF SEDIMENT AND EROSION CONTROL MATERIALS ON SITE THROUGHOUT CONSTRUCTION.
24. UPON COMPLETION OF CONSTRUCTION OF EACH INLET, CATCH BASIN, MANHOLE, OR OUTLET, EACH STRUCTURE SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURE (I.E. INLET FILTER BASKET, CULVERT INLET PROTECTION, ETC). THESE MEASURES ARE TO BE MAINTAINED BY THE CONTRACTOR AND REMAIN IN PLACE UNTIL FINAL STABILIZATION OF THE SITE.

25. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENTATION CONTROL MEASURES (I.E. PERIMETER SILT FENCE) IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, LATEST EDITION. STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING. TEMPORARY STOCKPILES SHALL BE LESS THAN 10 FEET HIGH, UNLESS OTHERWISE NOTED ON THE PLANS.
26. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. IF SNOW COVER OCCURS, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE. IF CONSTRUCTION WILL RESUME ON A PORTION OF THE SITE WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED, THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.
27. THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKETS AND HEAVY MULCHING.
28. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - A) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 - B) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
29. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
24. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
25. EARTHEN EMBANKMENT OR EXCAVATED CHANNEL SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
26. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
27. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING THAT CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGED TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
29. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
30. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
31. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
32. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR SITE INSPECTOR.
33. ALL EROSION CONTROL MEASURES SHALL MEET MWRD WATERSHED MANAGEMENT ORDINANCE (WMO) REQUIREMENTS.
34. CONTRACTOR SHALL COMPLY WITH CONDITIONS OF ALL APPLICABLE PERMITS, INCLUDING, BUT NOT LIMITED TO: ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR), UNITED STATES ARMY CORPS OF ENGINEERS, AND THE WSCSWCD.
35. IF CHANGES OR REMOVAL OF TEMPORARY STRUCTURES WITHIN PUBLIC WATERS ARE ORDERED BY THE IDNR OR OTHER AGENCY, CONTRACTOR SHALL COMPLY WITH ORDER WITHIN SIXTY (60) DAYS FROM RECEIPT OF WRITTEN NOTICE, UNLESS A LONGER PERIOD OF TIME IS SPECIFICALLY AUTHORIZED.

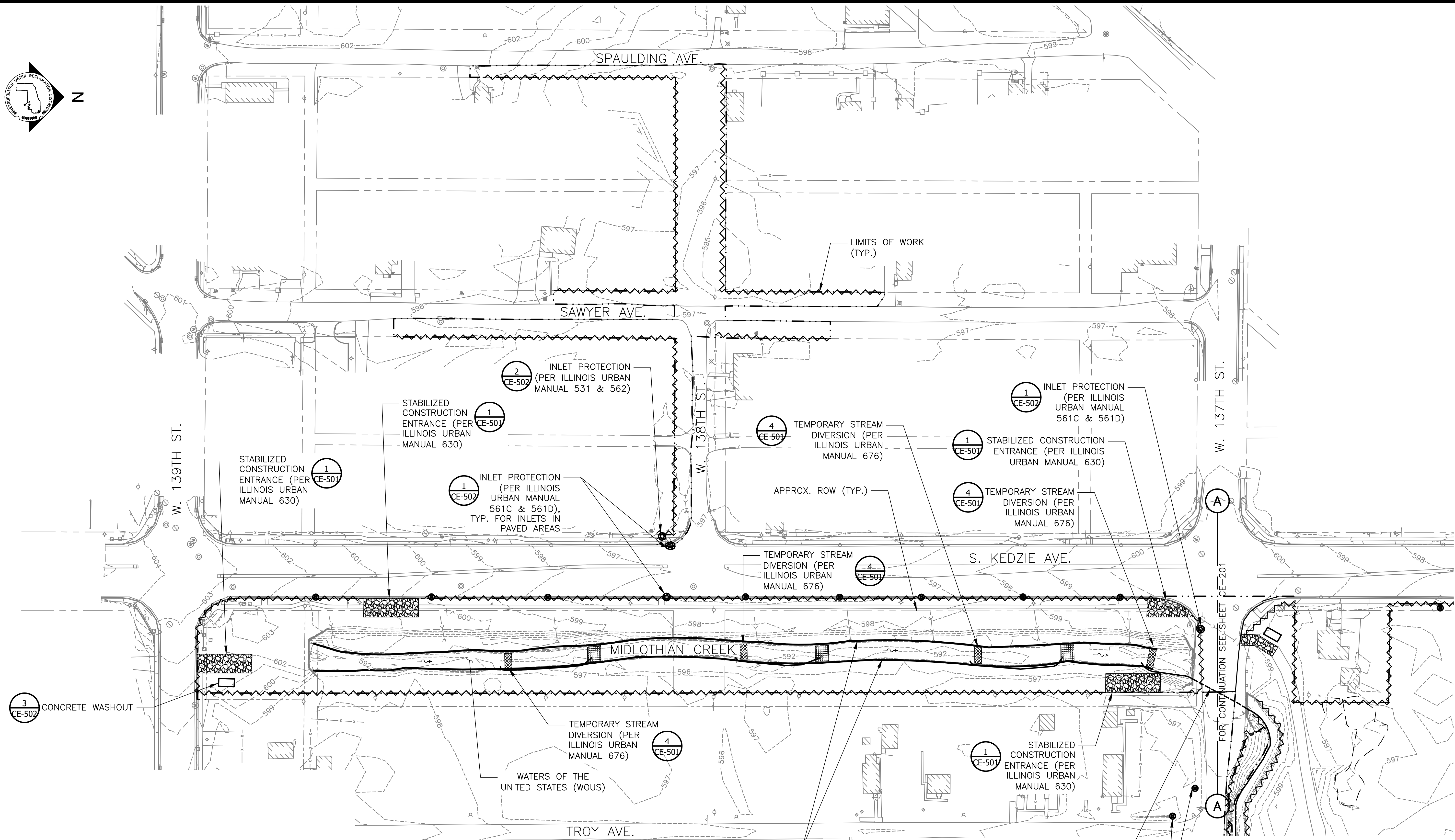
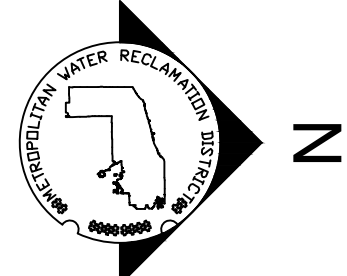
Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

 <p>LIVING HABITATS</p>	 <p>DONOHUE</p>	 <p>Zim</p>
Designed by: MLM Drawn by: MLM Date: MAY 2024	Checked by: PMS Reviewed by: EPC Scale: AS SHOWN	OBERLIN & ASSOCIATES, INC. CONSULTING ENGINEERS ACCURATE CONSULTING ENGINEERS

CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED
EROSION CONTROL NOTES

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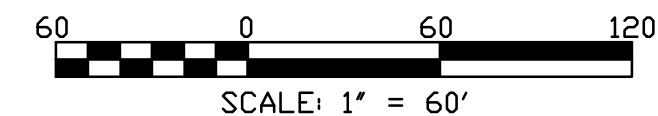
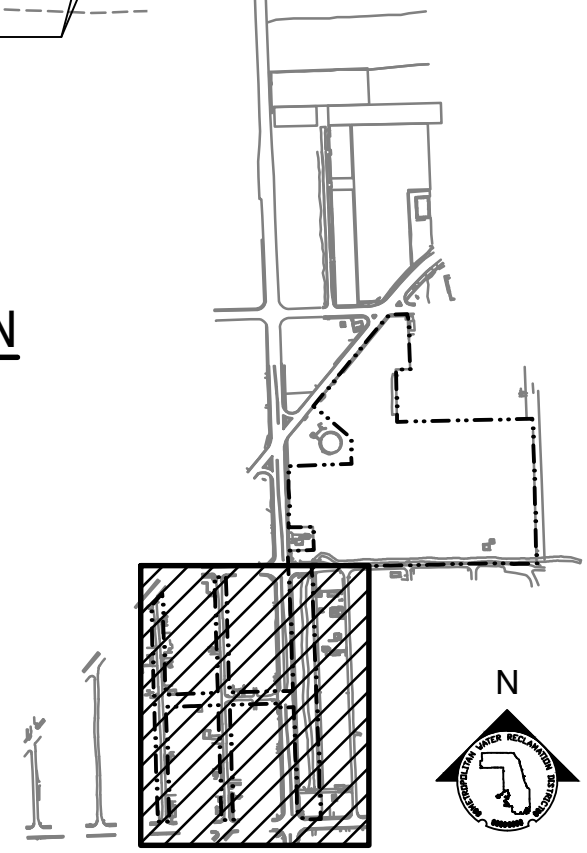
NOTES:

1. INSTALL SITE PERMITTER CONTROLS (SILT FENCE), INLET PROTECTION, TEMPORARY DRIVEWAYS, AND STABILIZED CONSTRUCTION ENTRANCE PRIOR TO BEGINNING SITE CLEARING, DEMOLITION, OR EARTH MOVING.
2. ADJUSTMENT/RELOCATION OF EROSION CONTROL MEASURES MAY BE REQUIRED TO ACCOMMODATE PROGRESSION OF WORK.
3. ADDITIONAL INLETS MAY EXIST THAT ARE NOT SHOWN ON THIS DRAWING. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL INLETS RECEIVING RUNOFF FROM PROJECT SITE AND AS DIRECTED BY ENGINEER.
4. TEMPORARY STREAM DIVERSIONS REQUIRED FOR WORK WITHIN MIDLOTHIAN CREEK. NUMBER AND CONFIGURATION OF TEMPORARY STREAM DIVERSIONS TO BE DETERMINED BY CONTRACTOR ACCORDING TO CONTRACTOR'S MEANS, METHODS, AND SEQUENCE OF WORK. CONTRACTOR SHALL INCLUDE TEMPORARY STREAM DIVERSIONS INCLUDED IN THE CONTRACTOR'S IN-STREAM WORK PLAN TO BE SUBMITTED TO THE WILL-SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT FOR APPROVAL. SEE SECTION 31 23 19.

LEGEND:

- LIMITS OF WORK
- ~ SILT FENCE (PER ILLINOIS URBAN MANUAL 620)
- ⊙ INLET PROTECTION
- EXISTING ITEMS TO REMAIN OR NEW WORK SHOWN ON OTHER DRAWINGS
- - - EXISTING CONTOUR

SEDIMENT AND EROSION CONTROL PLAN
 SCALE = 1" = 60'



Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: MLM
 Checked by: PMS
 Drawn by: MLM
 Reviewed by: EPC
 Date: MAY 2024
 Scale: AS SHOWN

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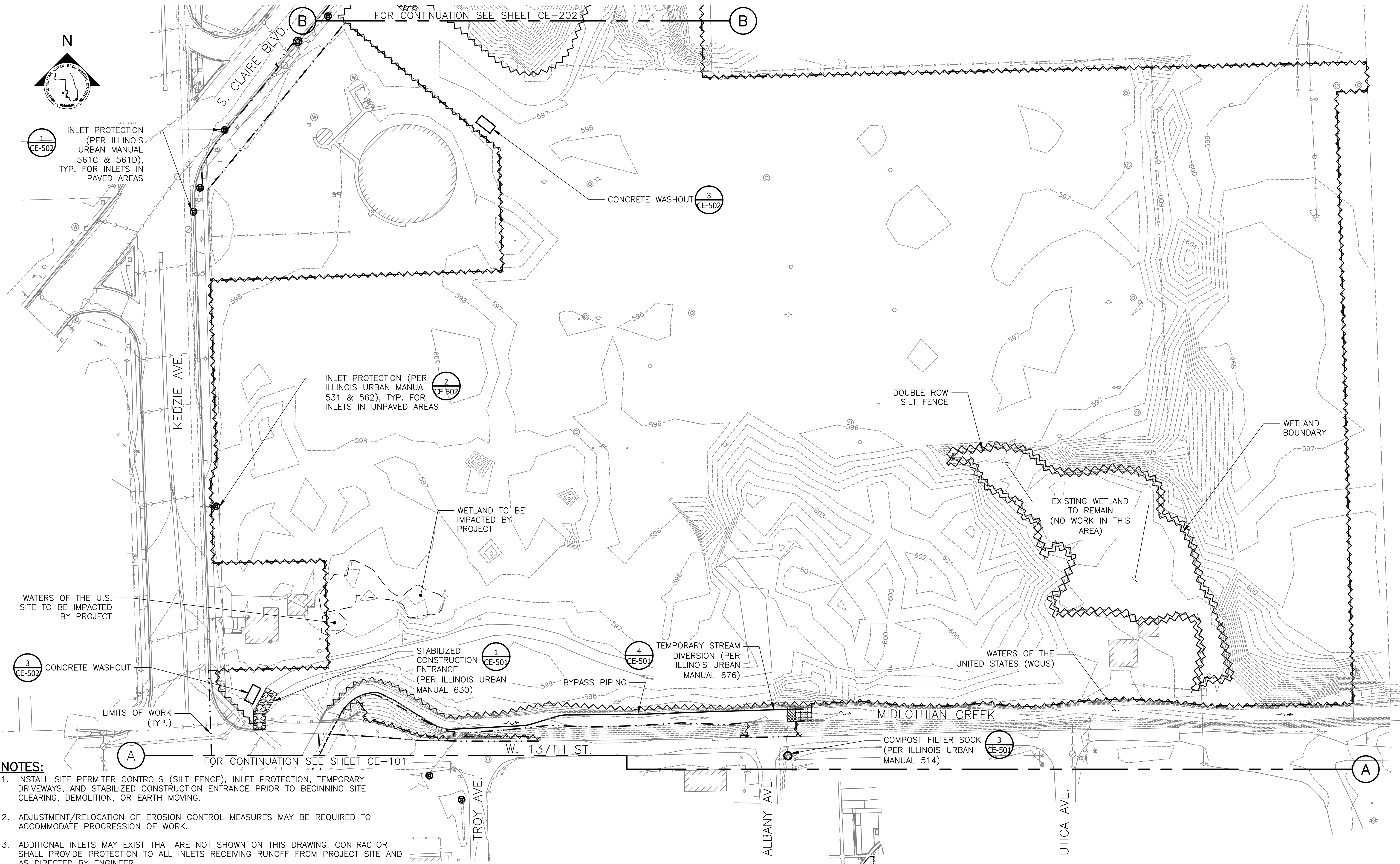
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 O'BRIEN & ASSOCIATES, INC.
 CONSULTING ENGINEERS

CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED

SEDIMENT AND EROSION CONTROL PLAN

Sheet Number:
CE-101
 Page Number: 21

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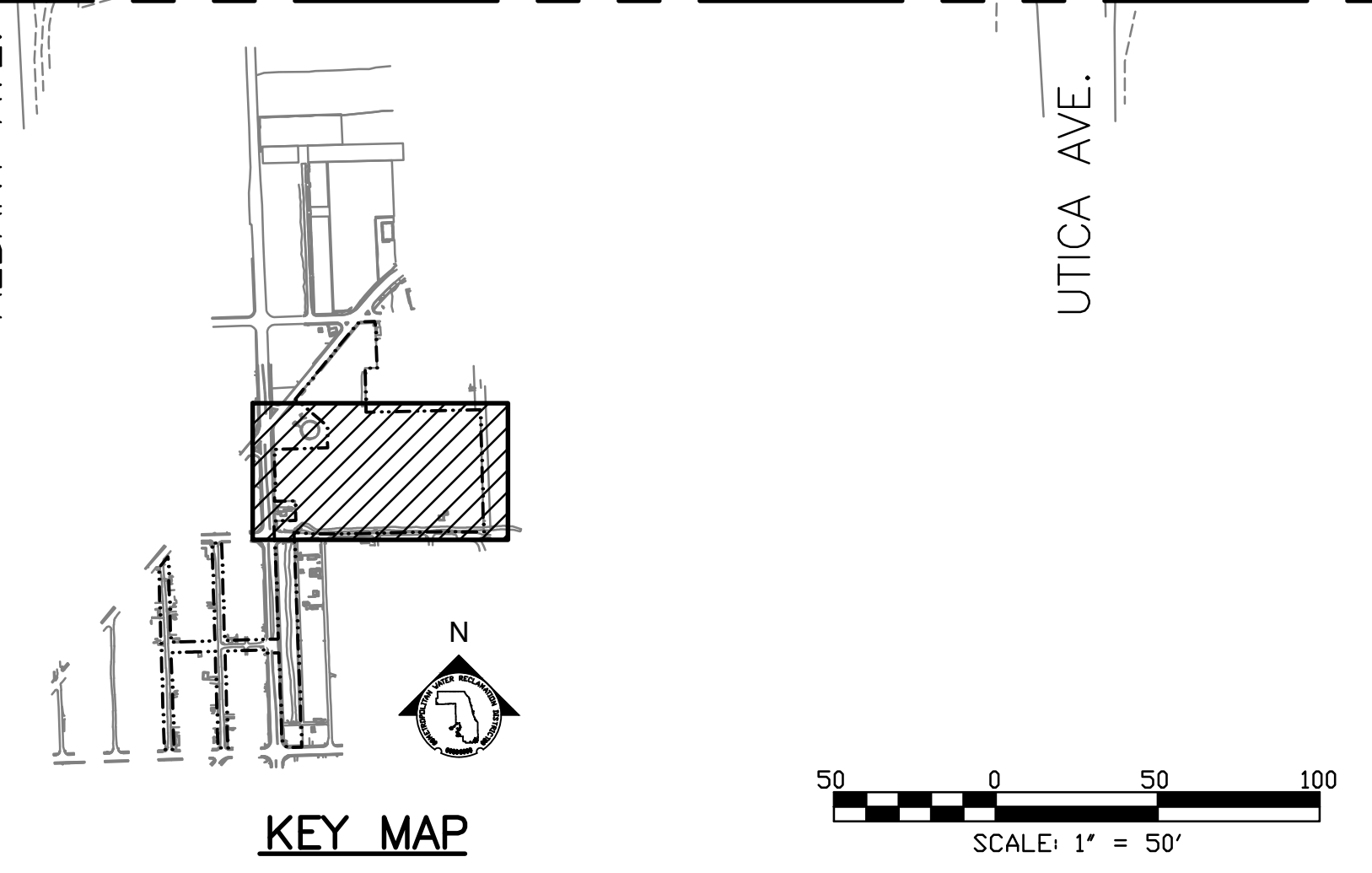


- NOTES:**
1. INSTALL SITE PERMITTER CONTROLS (SILT FENCE), INLET PROTECTION, TEMPORARY DRIVEWAYS, AND STABILIZED CONSTRUCTION ENTRANCE PRIOR TO BEGINNING SITE CLEARING, DEMOLITION, OR EARTH MOVING.
 2. ADJUSTMENT/RELOCATION OF EROSION CONTROL MEASURES MAY BE REQUIRED TO ACCOMMODATE PROGRESSION OF WORK.
 3. ADDITIONAL INLETS MAY EXIST THAT ARE NOT SHOWN ON THIS DRAWING. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL INLETS RECEIVING RUNOFF FROM PROJECT SITE AND AS DIRECTED BY ENGINEER.
 4. TEMPORARY STREAM DIVERSIONS REQUIRED FOR WORK WITHIN MIDLOTHIAN CREEK. NUMBER AND CONFIGURATION OF TEMPORARY STREAM DIVERSIONS TO BE DETERMINED BY CONTRACTOR ACCORDING TO CONTRACTOR'S MEANS, METHODS, AND SEQUENCE OF WORK. CONTRACTOR SHALL INCLUDE TEMPORARY STREAM DIVERSIONS INCLUDED IN THE CONTRACTOR'S IN-STREAM WORK PLAN TO BE SUBMITTED TO THE WILL-SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT FOR APPROVAL. SEE SECTION 31 23 19.
 4. EXISTING SILT FENCE INSTALLED AS PART OF CONTRACT 14-253-AF IS PRESENT IN THE AREA WHERE CONTRACT 14-253-AF AND THIS CONTRACT OVERLAP. SEE DRAWING C-004 FOR CONTRACT OVERLAP AREA. EXISTING SILT FENCE IN THIS AREA MAY BE RE-USED. IF CONTRACTOR ELECTS TO USE EXISTING SILT FENCE, CONTRACTOR SHALL RESTORE ANY DAMAGED FENCE AND MAINTAIN EXISTING FENCE THROUGHOUT CONSTRUCTION. REMOVE EXISTING SILT FENCE IN THE AREA NOT TO BE RE-USED AND NOT REQUIRED FOR THIS CONTRACT.

SEDIMENT AND EROSION CONTROL PLAN
 SCALE = 1" = 50'

LEGEND:

- PROPERTY LINE
- - - LIMITS OF WORK
- ~ ~ ~ SILT FENCE (PER ILLINOIS URBAN MANUAL 620)
- ⊙ INLET PROTECTION



Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

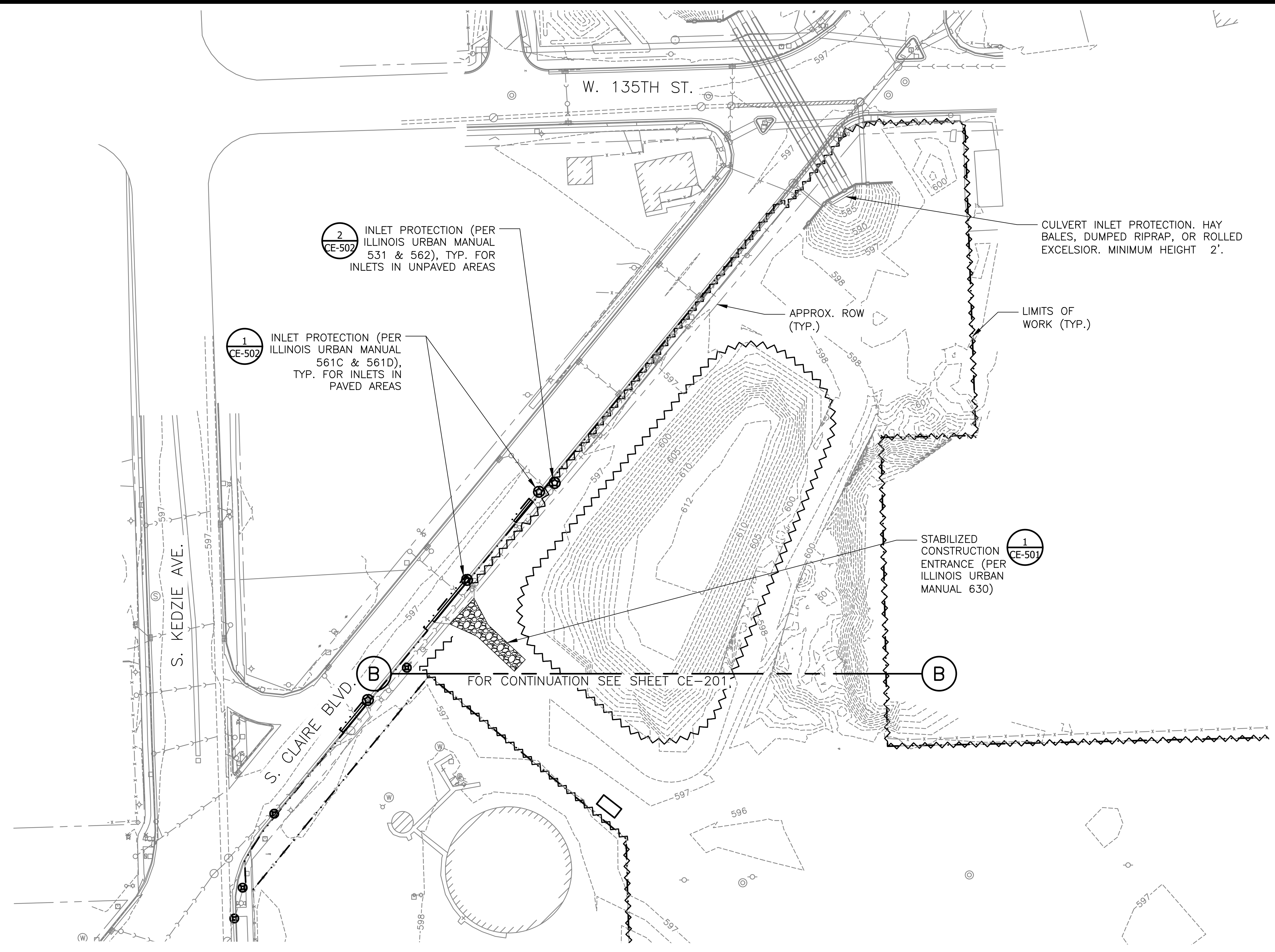
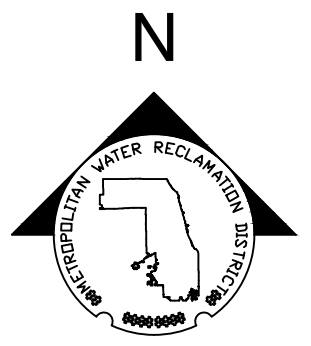
Designed by: PMS
 MLM
 Drawn by: MLM
 Date: MAY 2024

Checked by: PMS
 Reviewed by: EPC
 Scale: AS SHOWN

CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED

SEDIMENT AND EROSION CONTROL PLAN

Sheet Number:
CE-201
 Page Number: 22

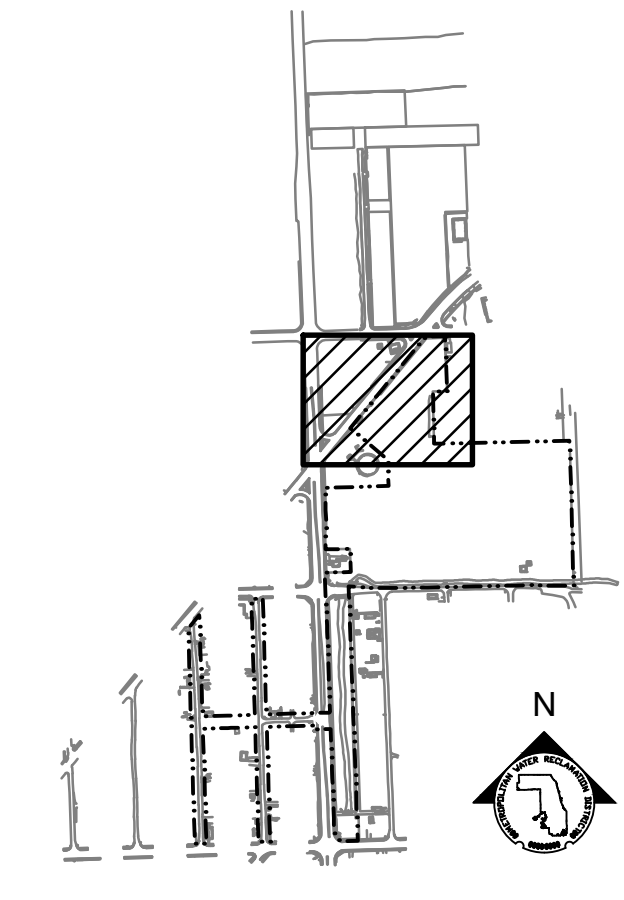


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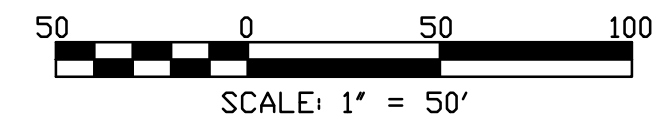
- INSTALL SITE PERMITTER CONTROLS (SILT FENCE), INLET PROTECTION, TEMPORARY DRIVEWAYS, AND STABILIZED CONSTRUCTION ENTRANCE PRIOR TO BEGINNING SITE CLEARING, DEMOLITION, OR EARTH MOVING.
- ADJUSTMENT/RELOCATION OF EROSION CONTROL MEASURES MAY BE REQUIRED TO ACCOMMODATE PROGRESSION OF WORK.
- ADDITIONAL INLETS MAY EXIST THAT ARE NOT SHOWN ON THIS DRAWING. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL INLETS RECEIVING RUNOFF FROM PROJECT SITE AND AS DIRECTED BY ENGINEER.
- EXISTING SILT FENCE INSTALLED AS PART OF CONTRACT 14-253-AF IS PRESENT IN THE AREA WHERE CONTRACT 14-253-AF AND THIS CONTRACT OVERLAP. SEE DRAWING C-004 FOR CONTRACT OVERLAP AREA. EXISTING SILT FENCE IN THIS AREA MAY BE RE-USED. IF CONTRACTOR ELECTS TO USE EXISTING SILT FENCE, CONTRACTOR SHALL RESTORE ANY DAMAGED FENCE AND MAINTAIN EXISTING FENCE THROUGHOUT CONSTRUCTION. REMOVE EXISTING SILT FENCE IN THE AREA NOT TO BE RE-USED AND NOT REQUIRED FOR THIS CONTRACT.

LEGEND:

- PROPERTY LINE
- - - LIMITS OF WORK
- ~~~~ SILT FENCE (PER ILLINOIS URBAN MANUAL 620)
- INLET PROTECTION



KEY MAP



Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED

SEDIMENT AND EROSION CONTROL PLAN

Designed by: PMS
 Drawn by: MLM
 Date: MAY 2024

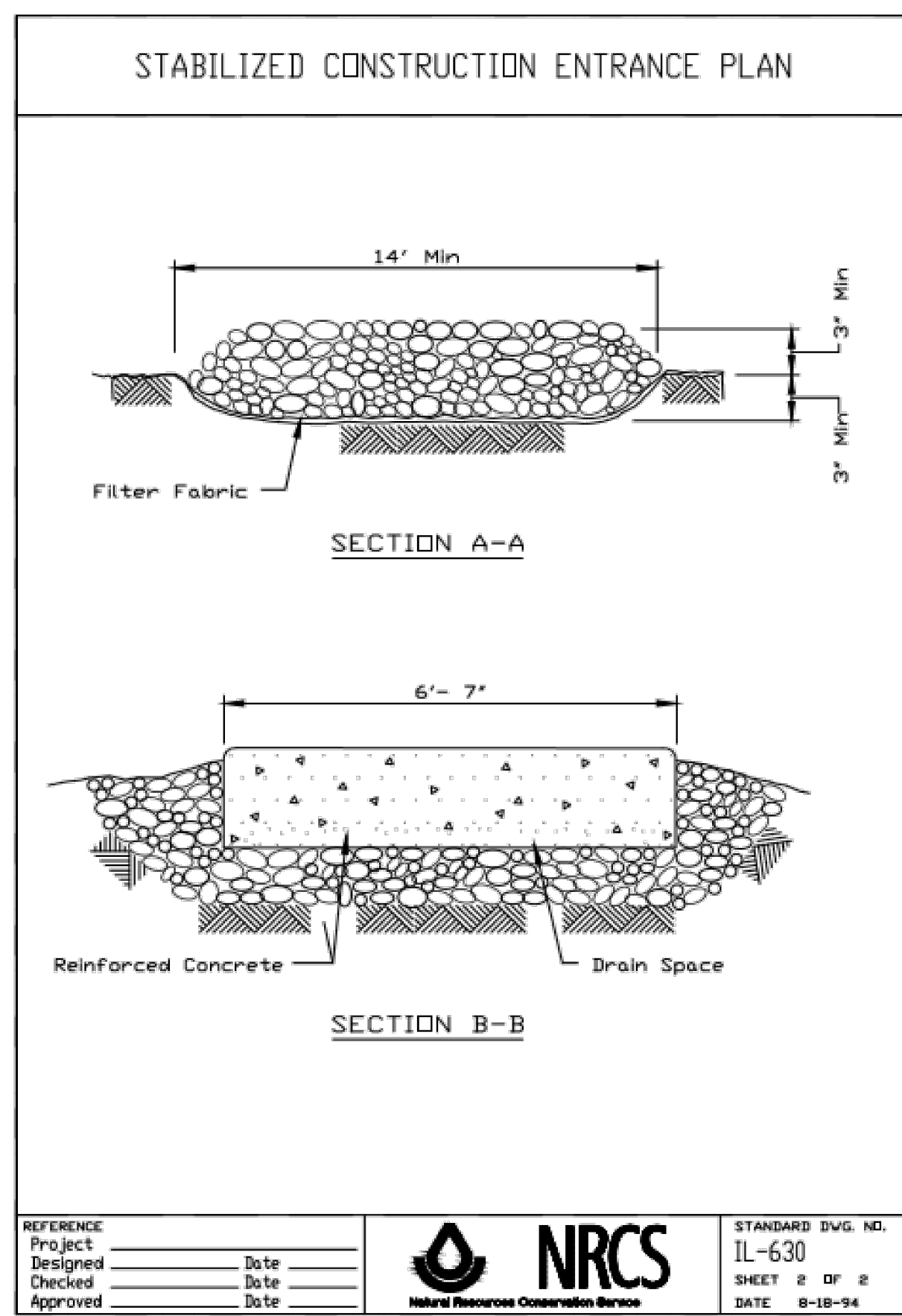
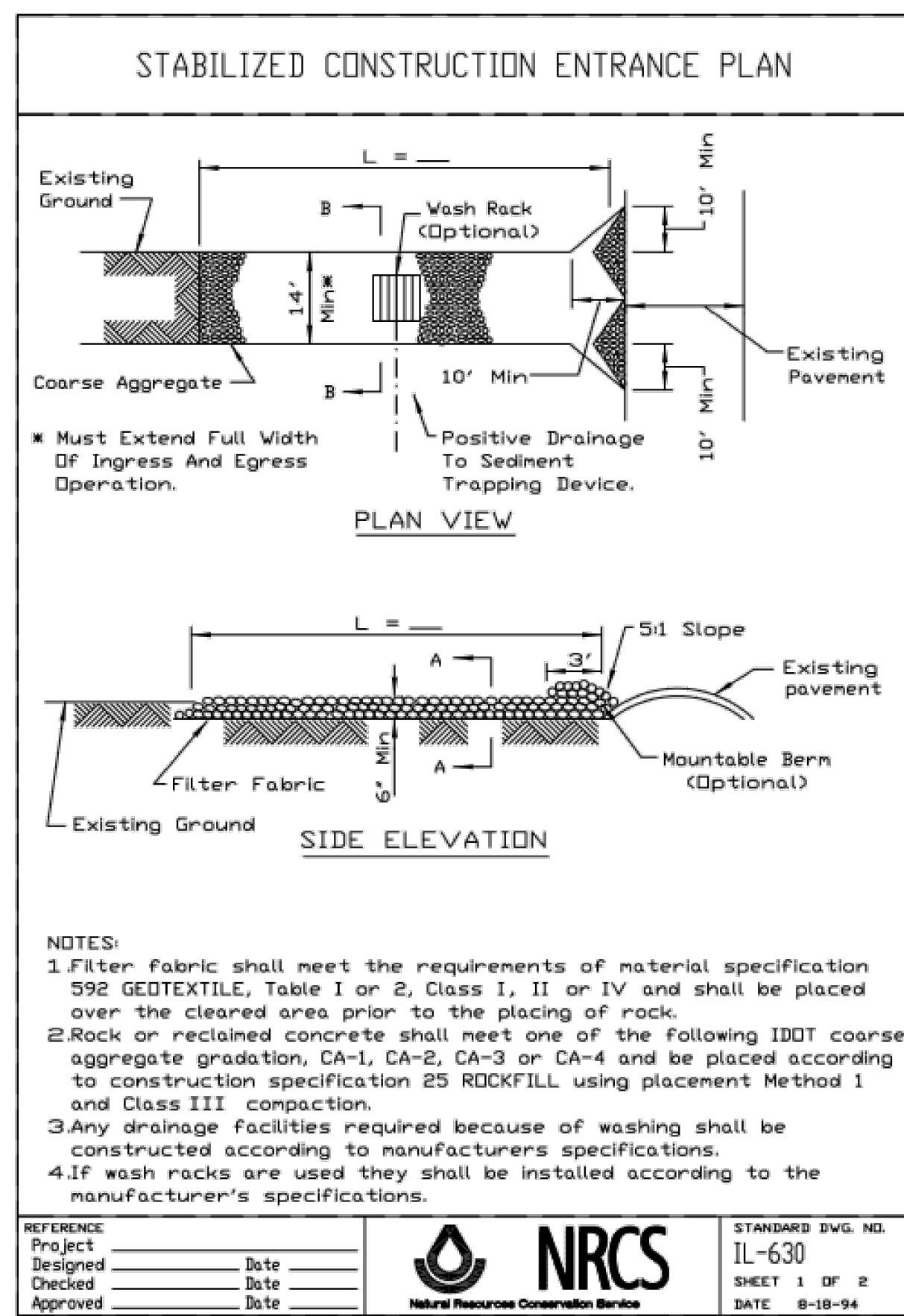
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 Reviewed by: EPC
 Scale: AS SHOWN

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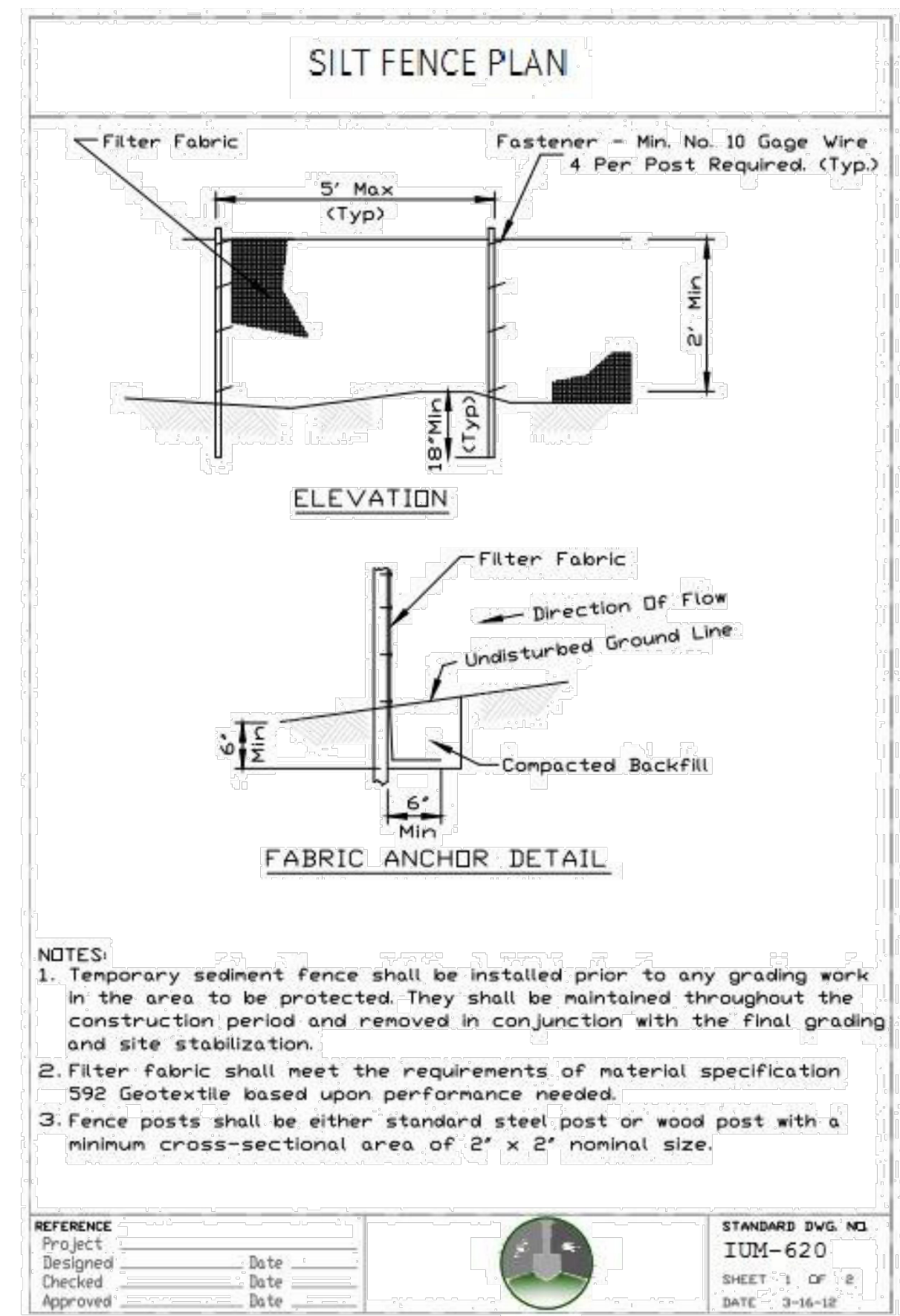
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 O'BRIEN & ASSOCIATES, INC.
 CONSULTING ENGINEERS

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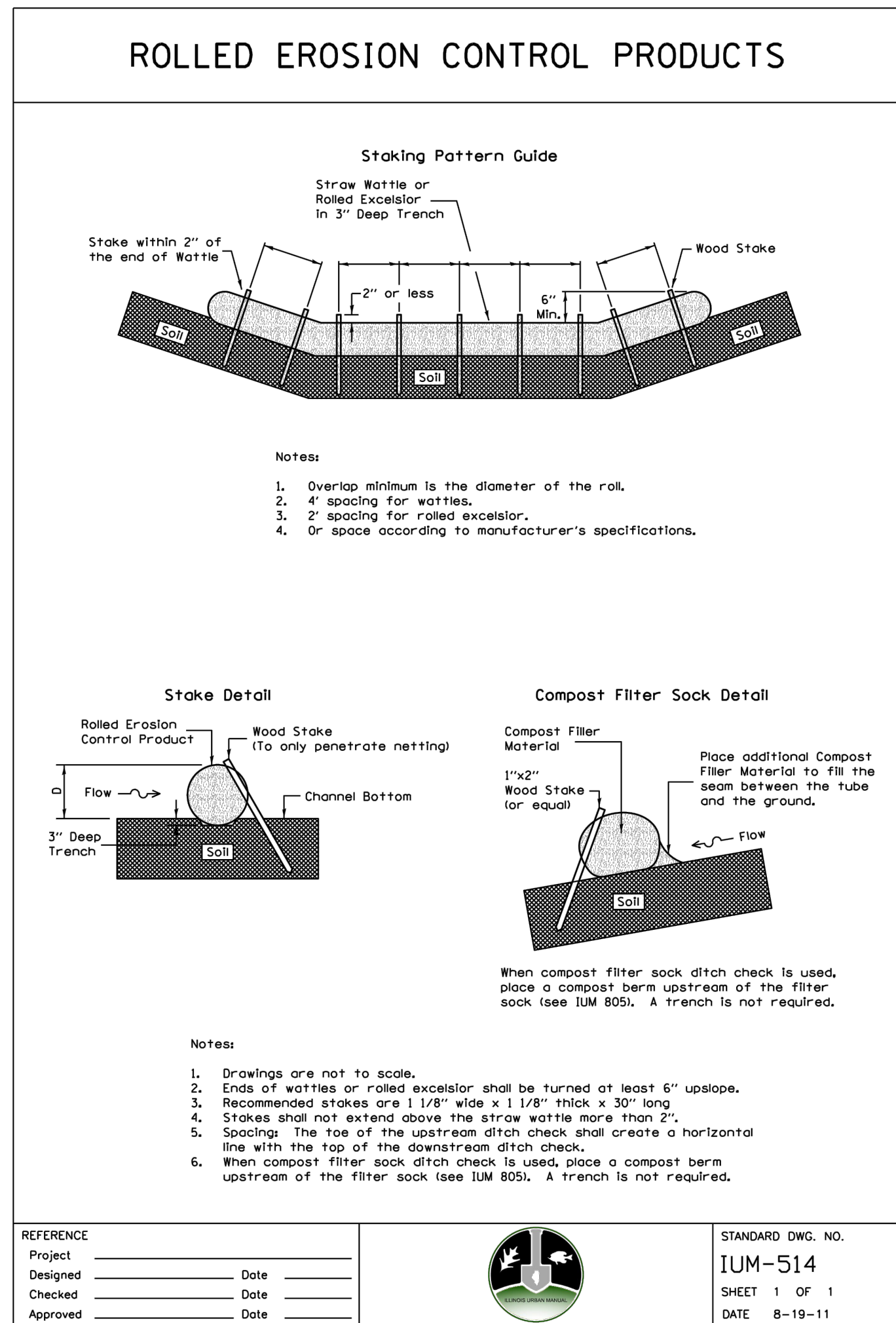
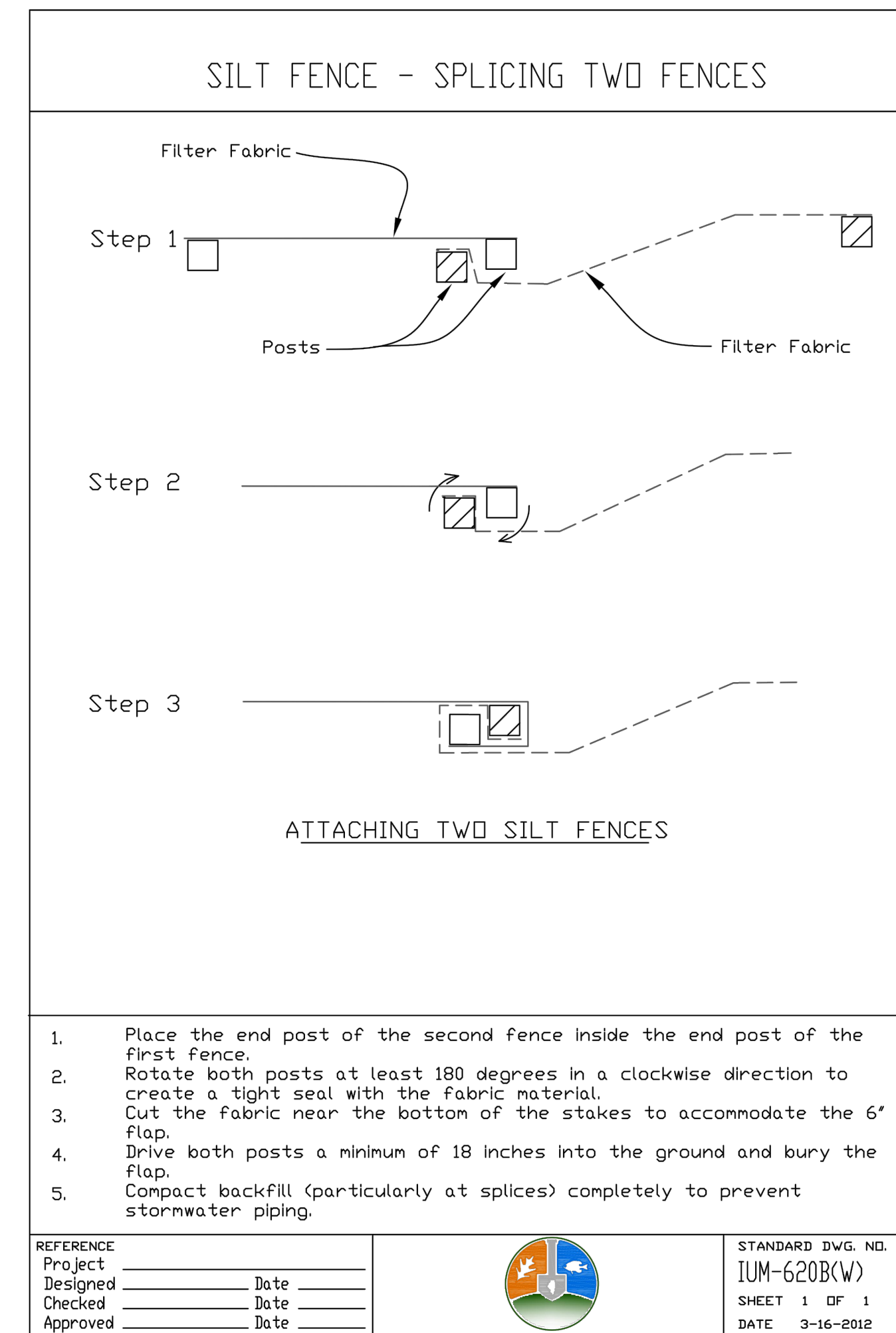
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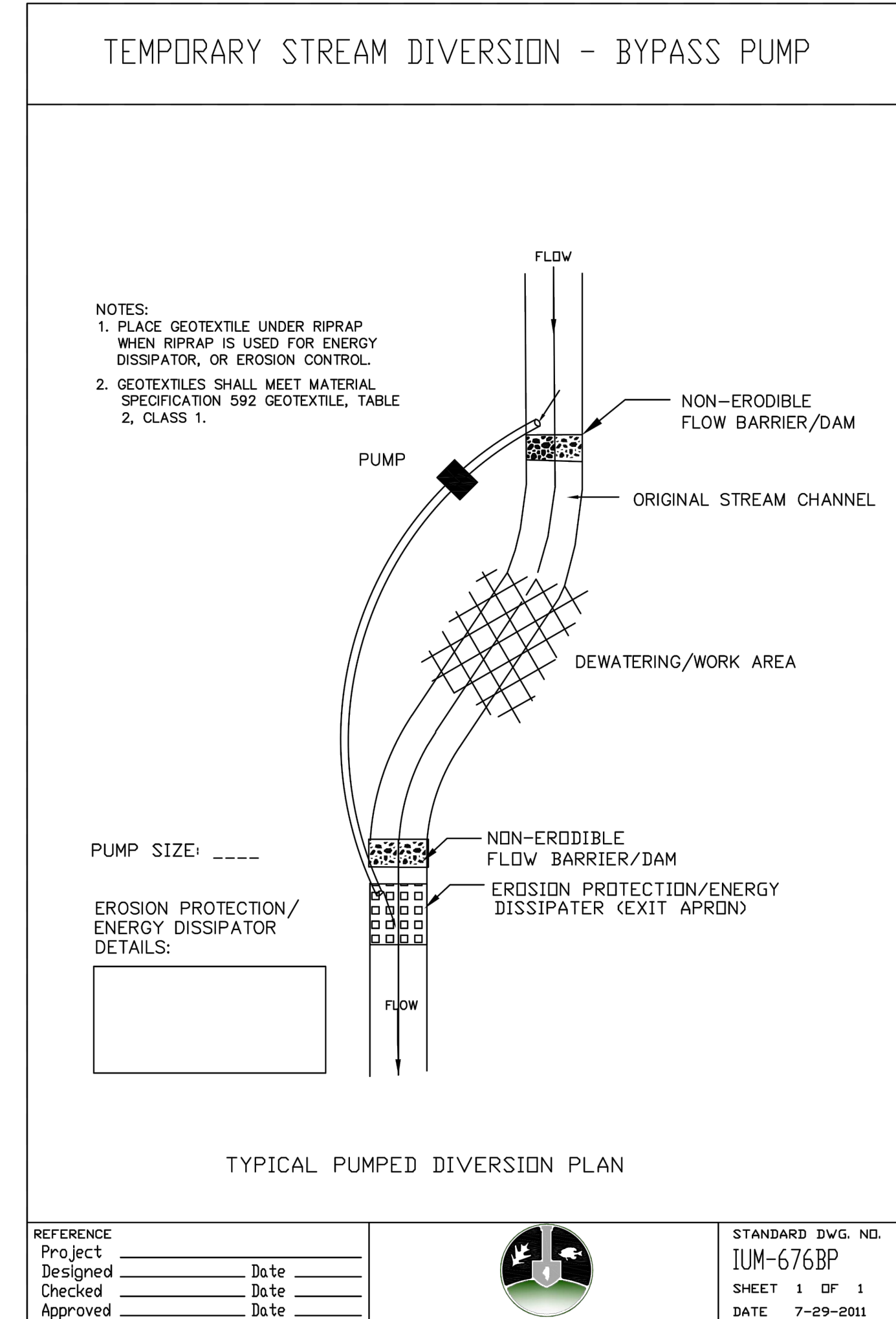
1 STABILIZED CONSTRUCTION ENTRANCE
Scale: NTS
(CE-101, CE-201, CE-202, CE-301)



2 SILT FENCE
Scale: NTS
(CE-101, CE-201, CE-202, CE-301)



3 COMPOST FILTER SOCK
Scale: NTS
(CE-101, CE-201)



4 TEMPORARY STREAM DIVERSION
Scale: NTS
(CE-101, CE-201)

Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

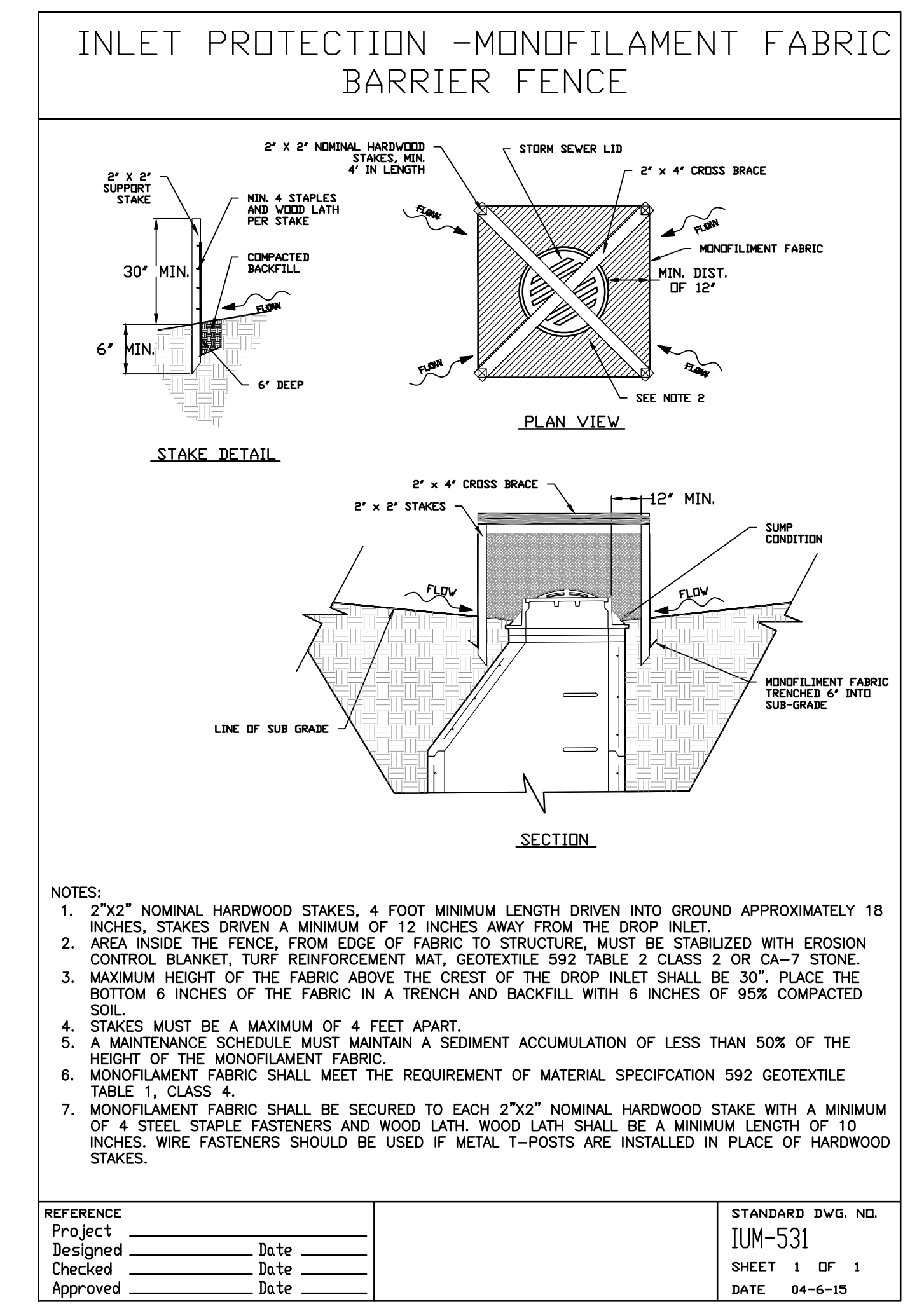
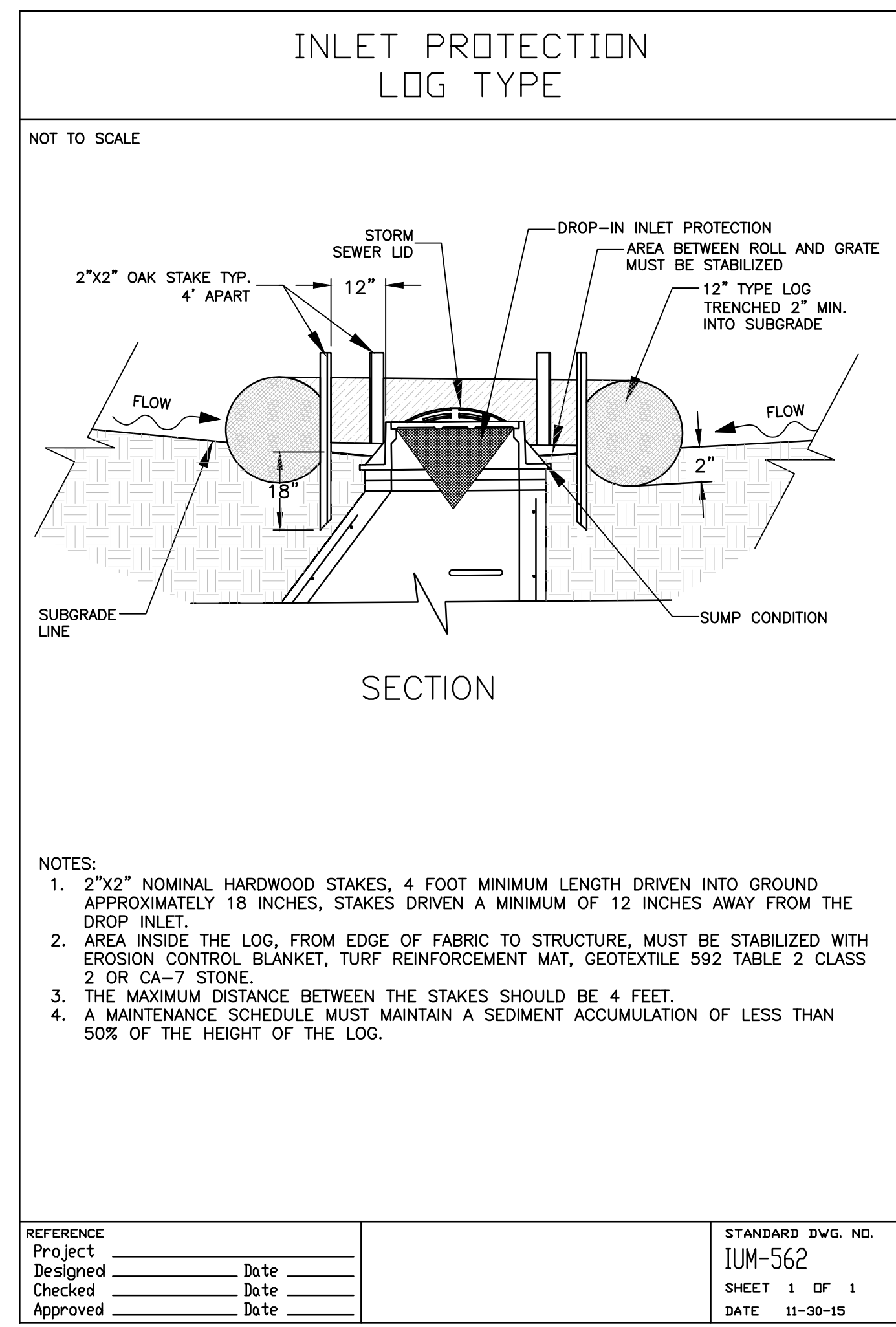
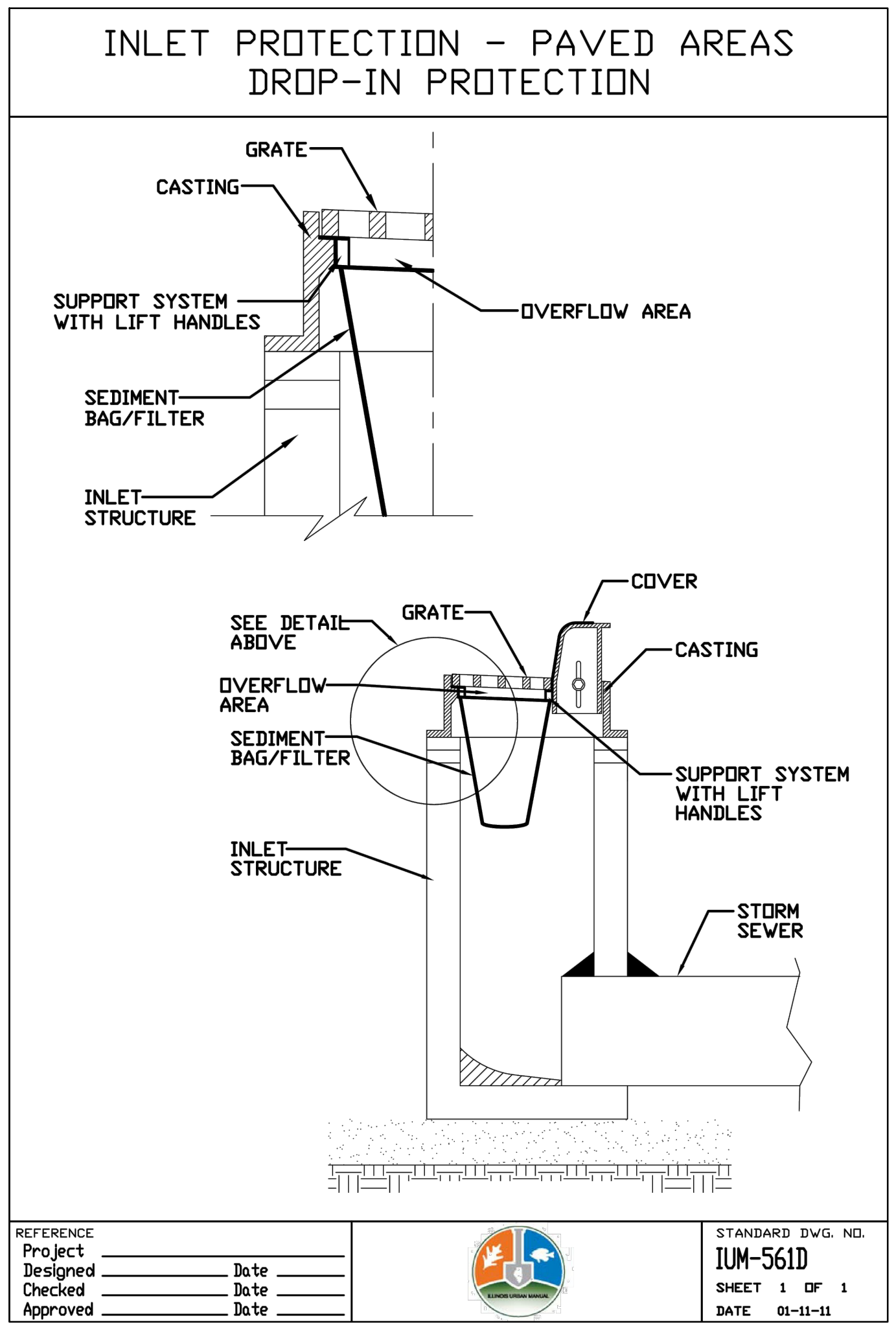
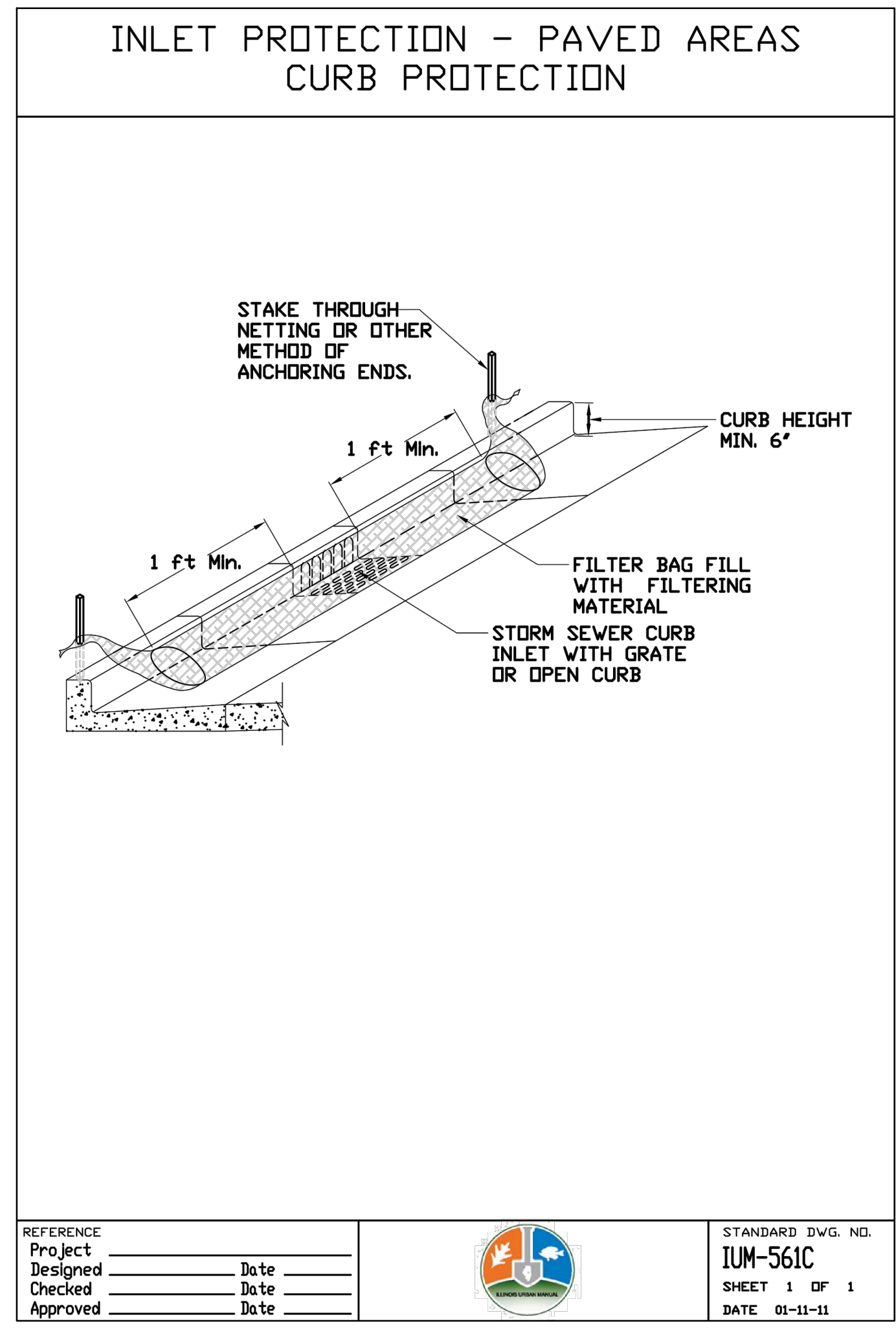
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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MLM
Checked by: PMS
MLM
Reviewed by: EPC
MLM
Date: MAY 2024
Scale: AS SHOWN

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CONSULTING ENGINEERS

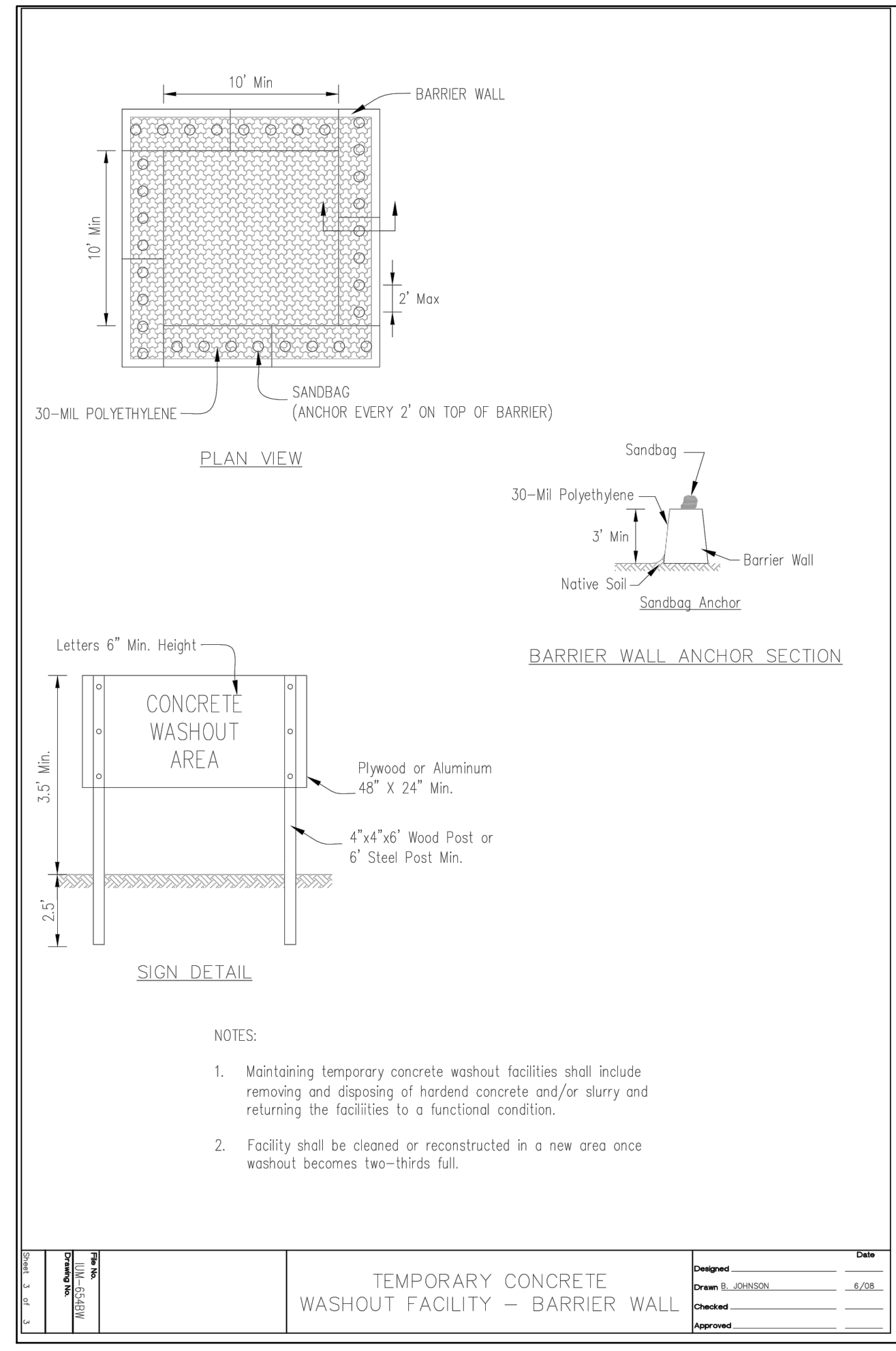
LIVING HABITATS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED
SEDIMENT AND EROSION CONTROL
DETAILS



1 INLET PROTECTION - PAVED AREAS
Scale: NTS
(CE-101, CE-202)

2 INLET PROTECTION - UNPAVED AREAS
Scale: NTS
(CE-101)



3 CONCRETE WASHOUT
Scale: NTS
(CE-101, CE-202)

Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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Engineering

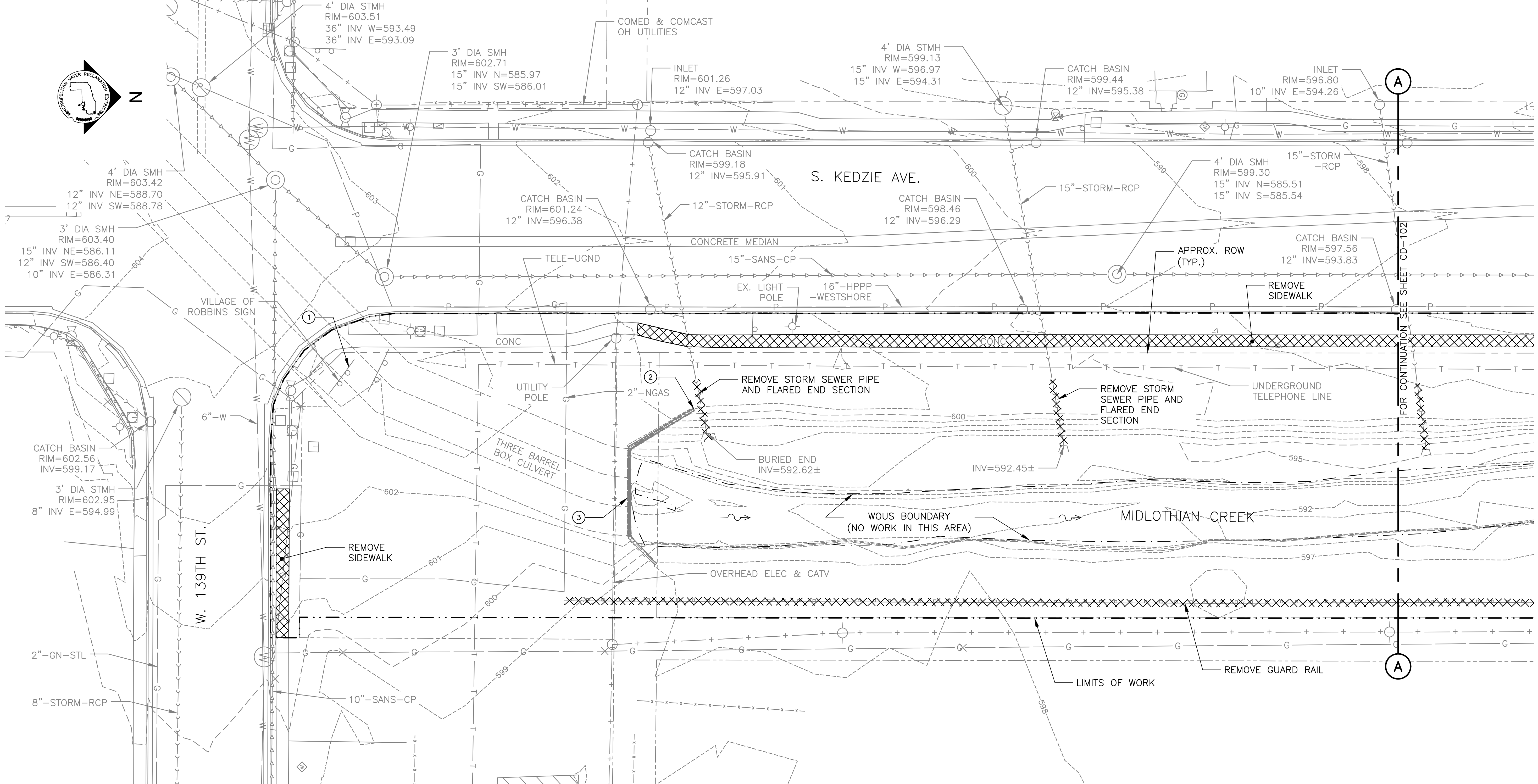
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CONSULTING ENGINEERS

LIVING HABITATS

Designed by: MLM	Checked by: PMS
Drawn by: MLM	Reviewed by: EPC
Date: MAY 2024	Scale: AS SHOWN

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED
SEDIMENT AND EROSION CONTROL
DETAILS



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

GENERAL NOTES:

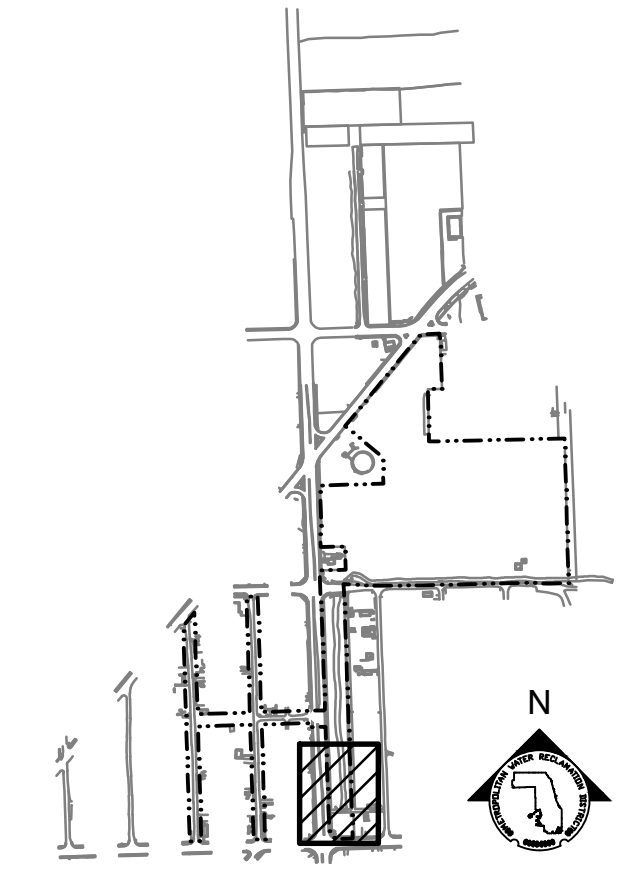
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2. EXISTING STORM DRAIN LATERAL INVERTS WITHIN MIDLOTHIAN CREEK OBTAINED FROM RECORD DRAWINGS. VERIFY IN FIELD.
3. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
4. CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.
5. STORM SEWER LATERAL REMOVAL LIMITS SHOWN ARE INTENDED TO INCLUDE REMOVALS WITHIN THE FOOTPRINT OF NEW MANHOLES SHOWN ON DRAWINGS CU-102 THROUGH CU-104. ADDITIONAL REMOVALS BEYOND THOSE SHOWN MAY BE REQUIRED TO ACCOMMODATE MANHOLE CONSTRUCTION.

LEGEND:

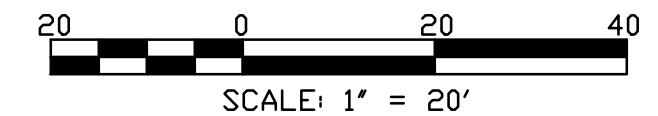
- EXISTING ITEMS
- DEMOLITION WORK
- LIMITS OF WORK
- PROPERTY LINE
- WATERS OF THE UNITED STATES (WOUS) BOUNDARY
- HIGH PRESSURE PETROLEUM PIPELINE

1 KEY NOTES:

1. PROTECT VILLAGE SIGN AND DECORATIVE BOULDERS.
2. EXISTING MEMORIAL. REMOVE, STORE, AND REINSTALL.
3. EXISTING FENCE PANEL MISSING FROM FENCING ON TOP OF CULVERT HEADWALL. INSTALL FENCE PANEL TO MATCH EXISTING FOLLOWING CLEARING AND GRUBBING OPERATIONS.



KEY MAP



SCALE: 1" = 20'

Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

Contract: **14-253-5FR**
 Project: **FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID) LITTLE CALUMET RIVER WATERSHED**

Designed by:	Checked by:
MLM	PMS
Drawn by:	Reviewed by:
MLM	EPC
Date:	Scale:
MAY 2024	AS SHOWN

PARTIAL DEMOLITION PLAN

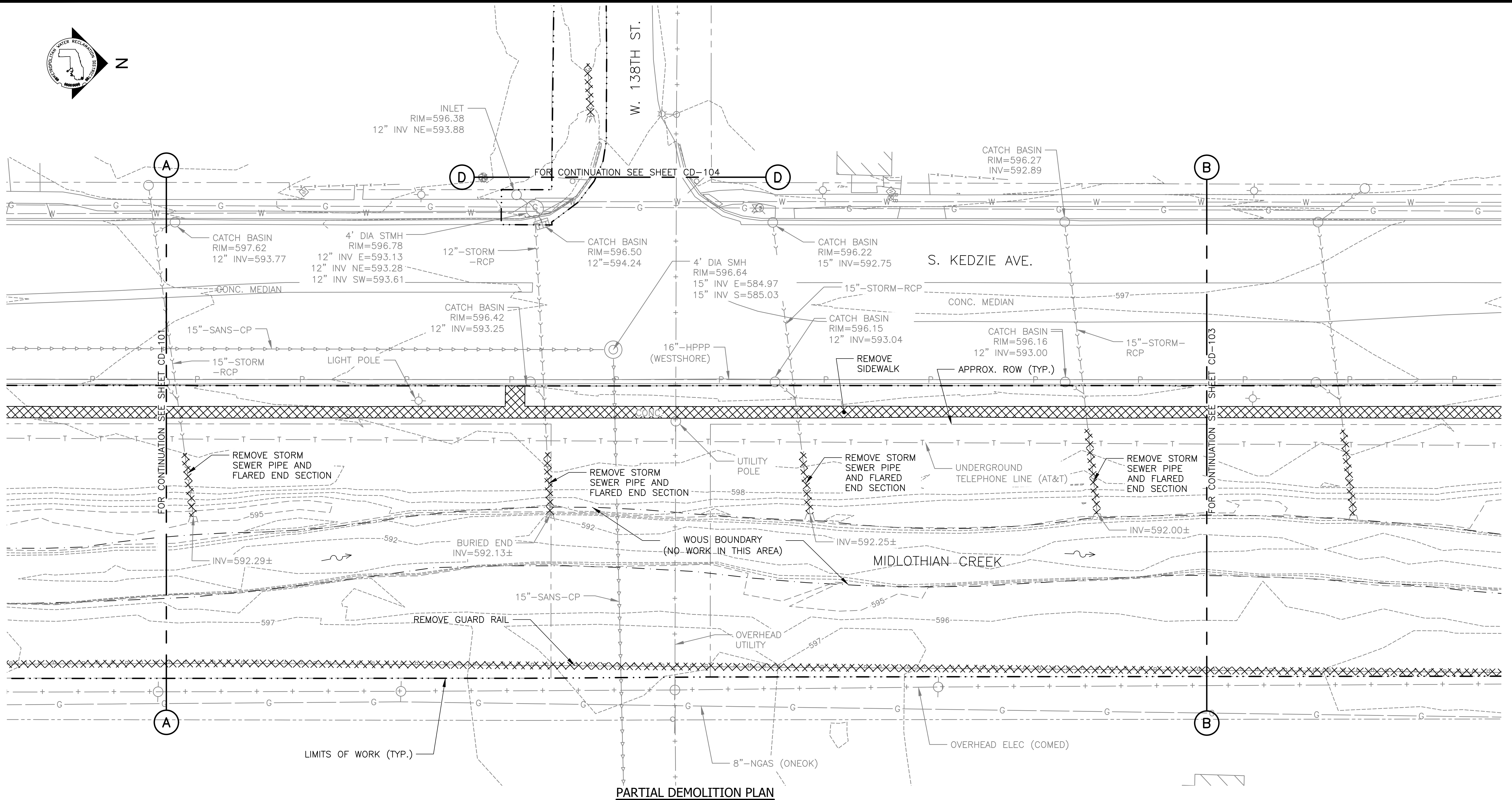
CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID) LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

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CONSULTING ENGINEERS

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CONSULTING ENGINEERS



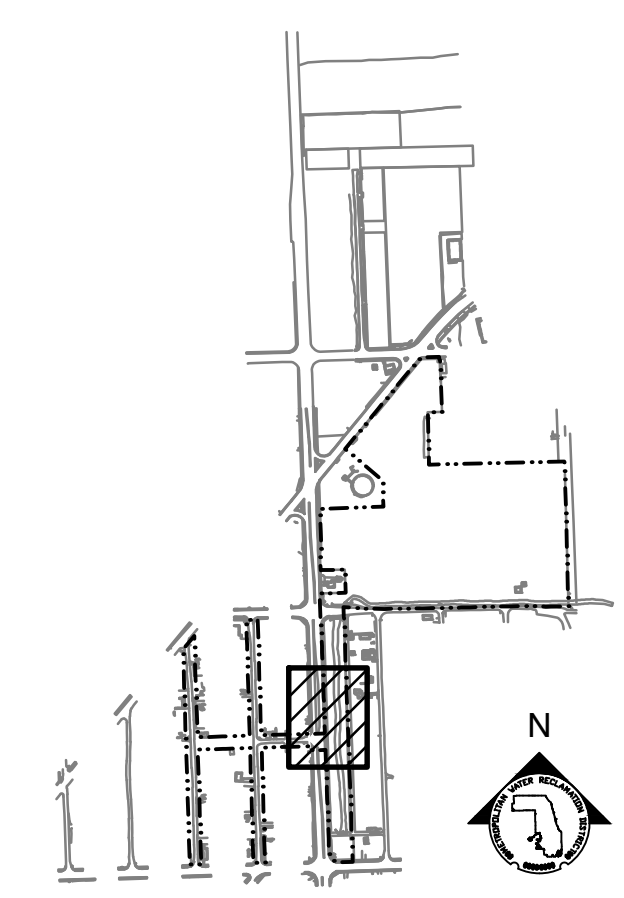
PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

GENERAL NOTES:

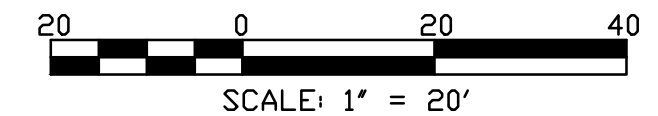
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- PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
- CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.
- STORM SEWER LATERAL REMOVAL LIMITS SHOWN ARE INTENDED TO INCLUDE REMOVALS WITHIN THE FOOTPRINT OF NEW MANHOLES SHOWN ON DRAWINGS CU-102 THROUGH CU-104. ADDITIONAL REMOVALS BEYOND THOSE SHOWN MAY BE REQUIRED TO ACCOMMODATE MANHOLE CONSTRUCTION.

LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- LIMITS OF WORK
- PROPERTY/RIGHT-OF-WAY LINE
- WATERS OF THE UNITED STATES (WOUS) BOUNDARY
- HPPP HIGH PRESSURE PETROLEUM PIPELINE



KEY MAP



Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

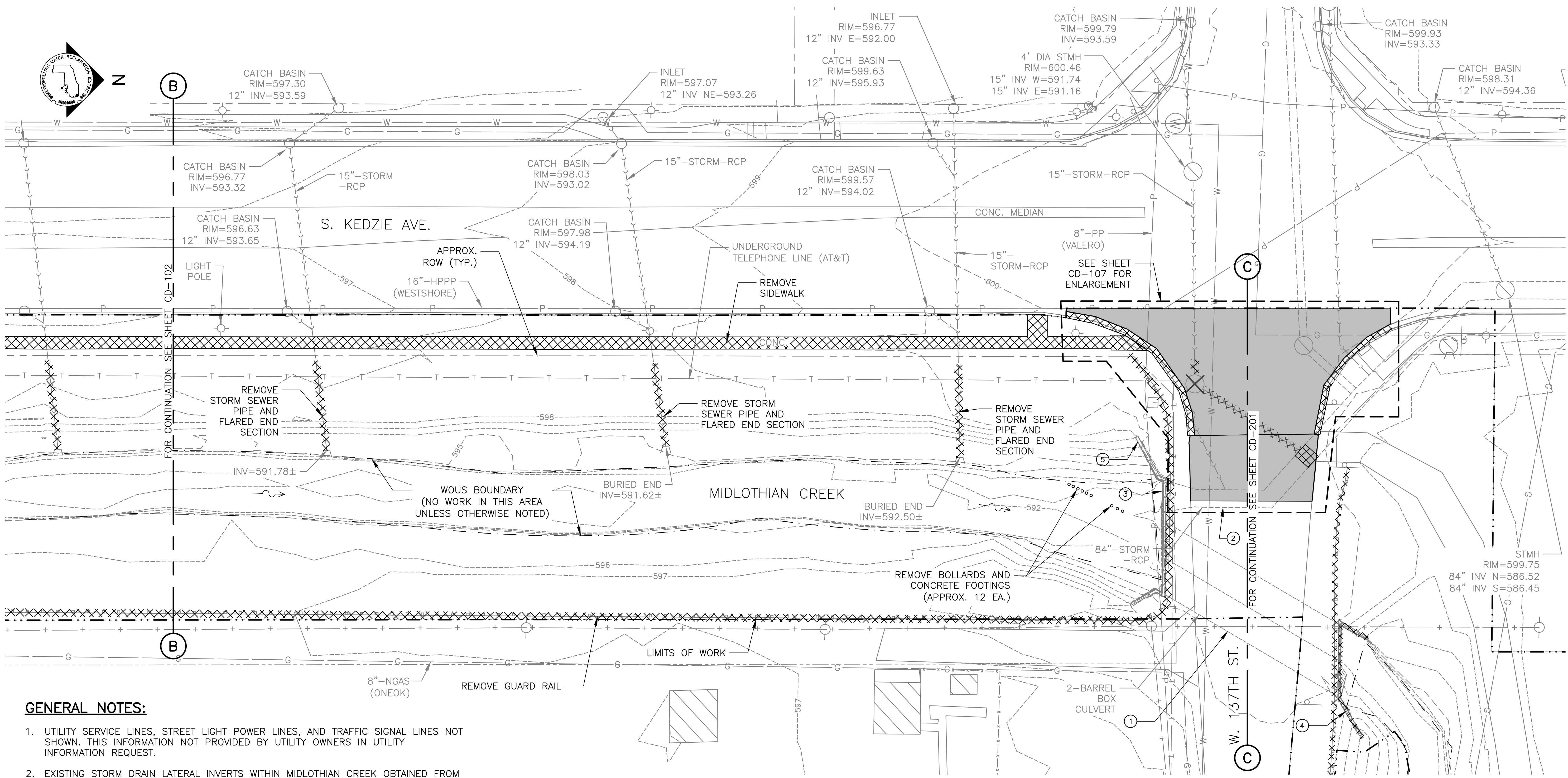
Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

DONOHUE
Accurate
CONSULTING ENGINEERS

ZIM
CORP.
LIVING HABITATS

Sheet Number:
CD-102

Page Number: 27



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

GENERAL NOTES:

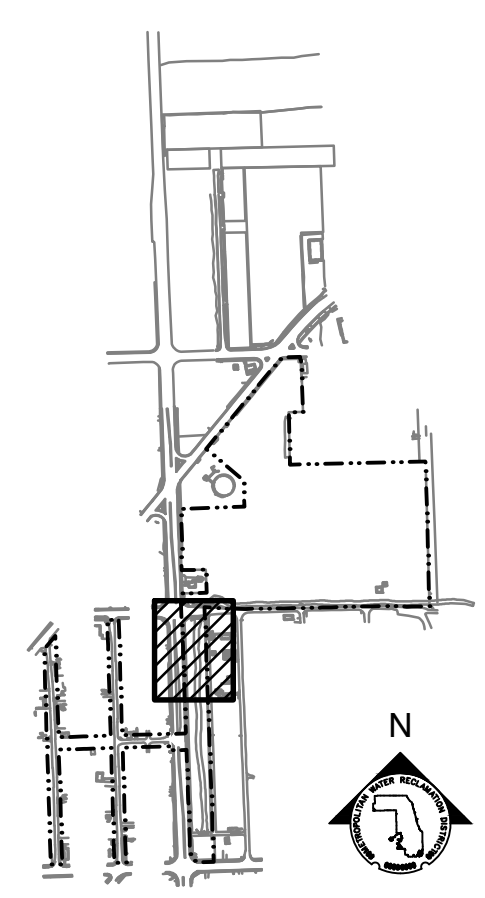
- UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
- EXISTING STORM DRAIN LATERAL INVERTS WITHIN MIDLOTHIAN CREEK OBTAINED FROM RECORD DRAWINGS. VERIFY IN FIELD.
- PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
- CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.
- STORM SEWER LATERAL REMOVAL LIMITS SHOWN ARE INTENDED TO INCLUDE REMOVALS WITHIN FOOTPRINT OF NEW MANHOLES SHOWN ON DRAWINGS CU-102 THROUGH CU-104. ADDITIONAL REMOVALS BEYOND THOSE SHOWN MAY BE REQUIRED TO ACCOMMODATE MANHOLE CONSTRUCTION.

1 KEY NOTES:

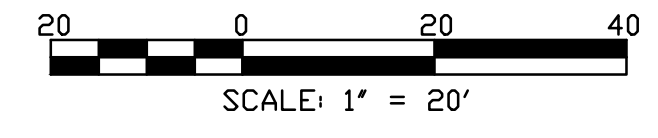
- REMOVE DEBRIS AND SEDIMENT FROM 2-BARREL BOX CULVERT (ENTIRE LENGTH) AND UPSTREAM WORK AREA.
- REMOVE DEBRIS AND SEDIMENT FROM 84-INCH DIAMETER SEWER FROM INLET TO IMMEDIATE DOWNSTREAM MANHOLE. ESTIMATED LENGTH OF DEBRIS AND SEDIMENT REMOVAL IS 175 LF.
- REMOVE DEBRIS SCREEN.
- REMOVE EXISTING CHAIN LINK FENCE ON TOP OF CULVERT HEADWALL (ENTIRE LENGTH OF HEADWALL). REPLACE PER IDOT STANDARD 664001-02 AND KEDZIE AVE MAIN DRAIN RECORD DRAWING (DRAWING R-010).
- REMOVE EXISTING SECTION OF CHAIN LINK FENCE ON TOP OF WINGWALL AT WEST END THAT IS BROKEN AND BURIED WITH DEBRIS. REPLACE PER IDOT STANDARD 664001-02 AND KEDZIE AVE MAIN DRAIN RECORD DRAWING (DRAWING R-010).

LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- ROADWAY PAVEMENT DEMOLITION
- DEMOLITION WORK (POINT REMOVAL)
- LIMITS OF WORK
- PROPERTY/RIGHT-OF-WAY LINE
- WATERS OF THE UNITED STATES (WOUS) BOUNDARY
- HPPP HIGH PRESSURE PETROLEUM PIPELINE
- PP PETROLEUM PIPELINE



KEY MAP



Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

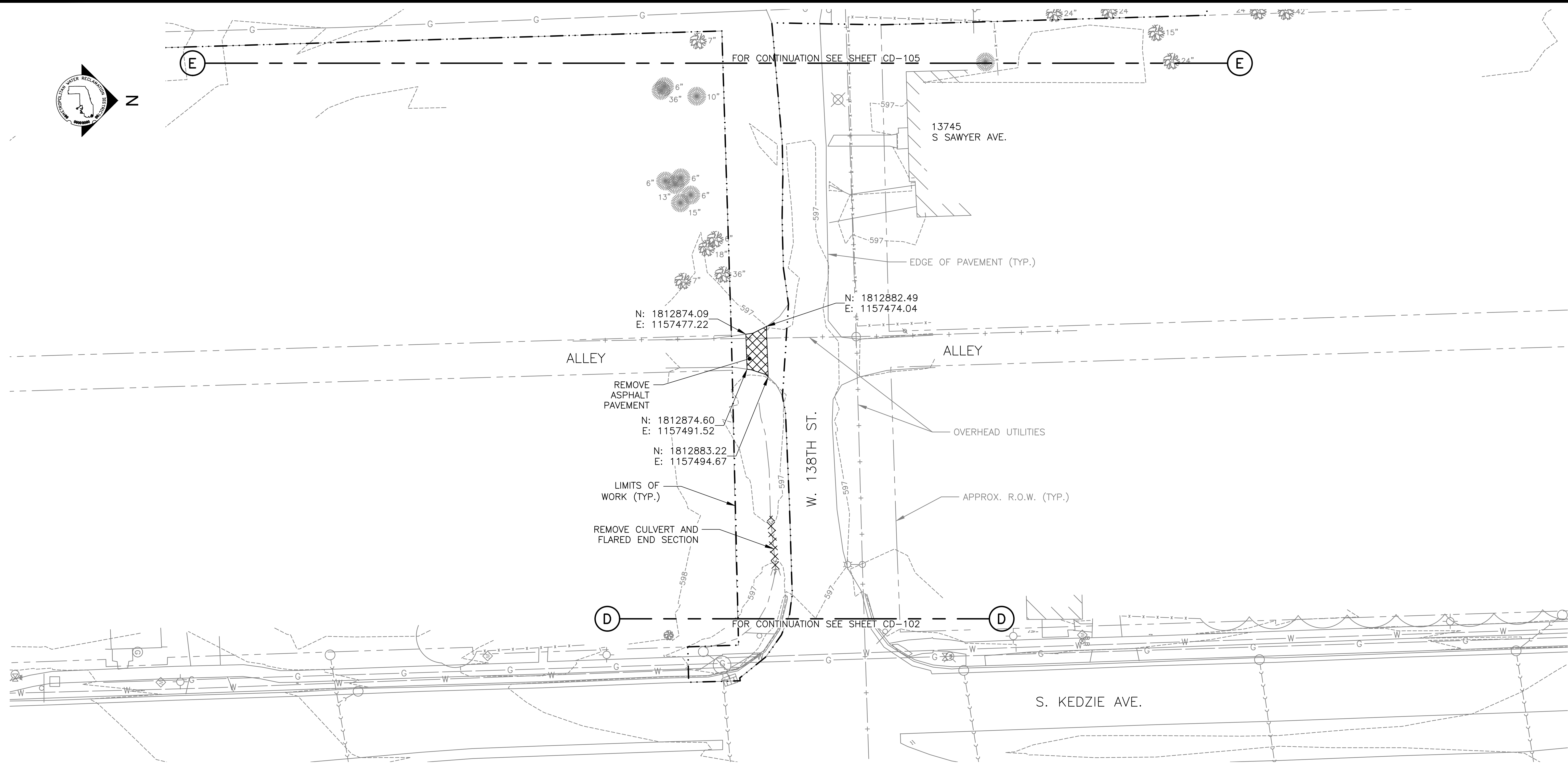
PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

Accurate
CONSULTING ENGINEERS

DONOHUE
CONSULTING ENGINEERS

LIVING HABITATS



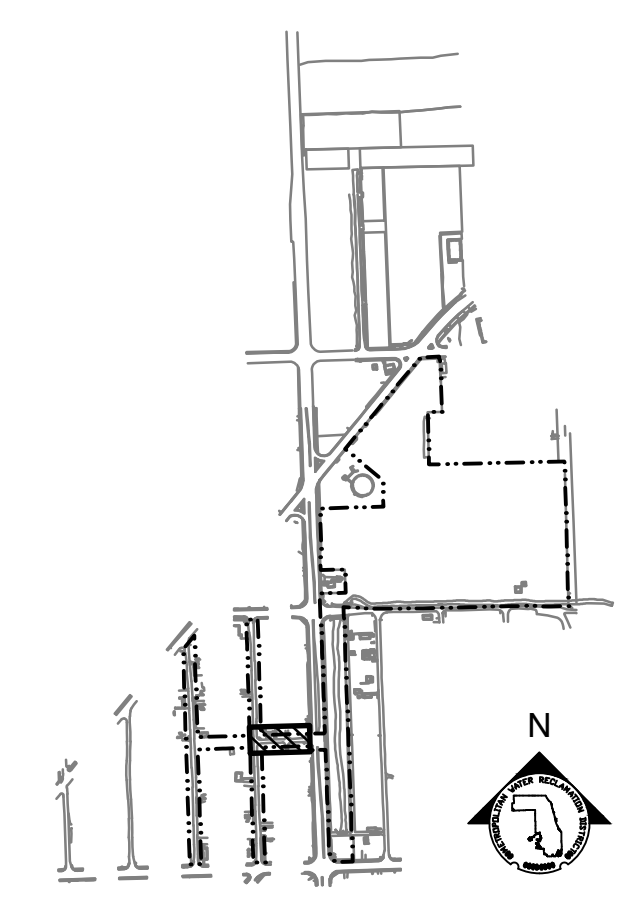
PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

NOTES:

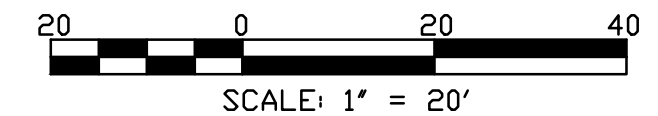
1. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
2. TREES TO BE REMOVED ARE NOT SHOWN ON THIS SHEET. SEE CLEAR AND GRUB PLAN (SHEET C-009) FOR LIMITS OF TREE CLEARING. INDIVIDUAL TREES SHOWN ON THIS SHEET ARE INTENDED TO REMAIN. SEE TREE PROTECTION PLAN (LD-101) FOR TREE PROTECTION FENCING.
3. CONTRACTOR TO REMOVE ALL ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- LIMITS OF WORK
- PROPERTY/RIGHT-OF-WAY LINE



KEY MAP



Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

ILH
LIVING HABITATS

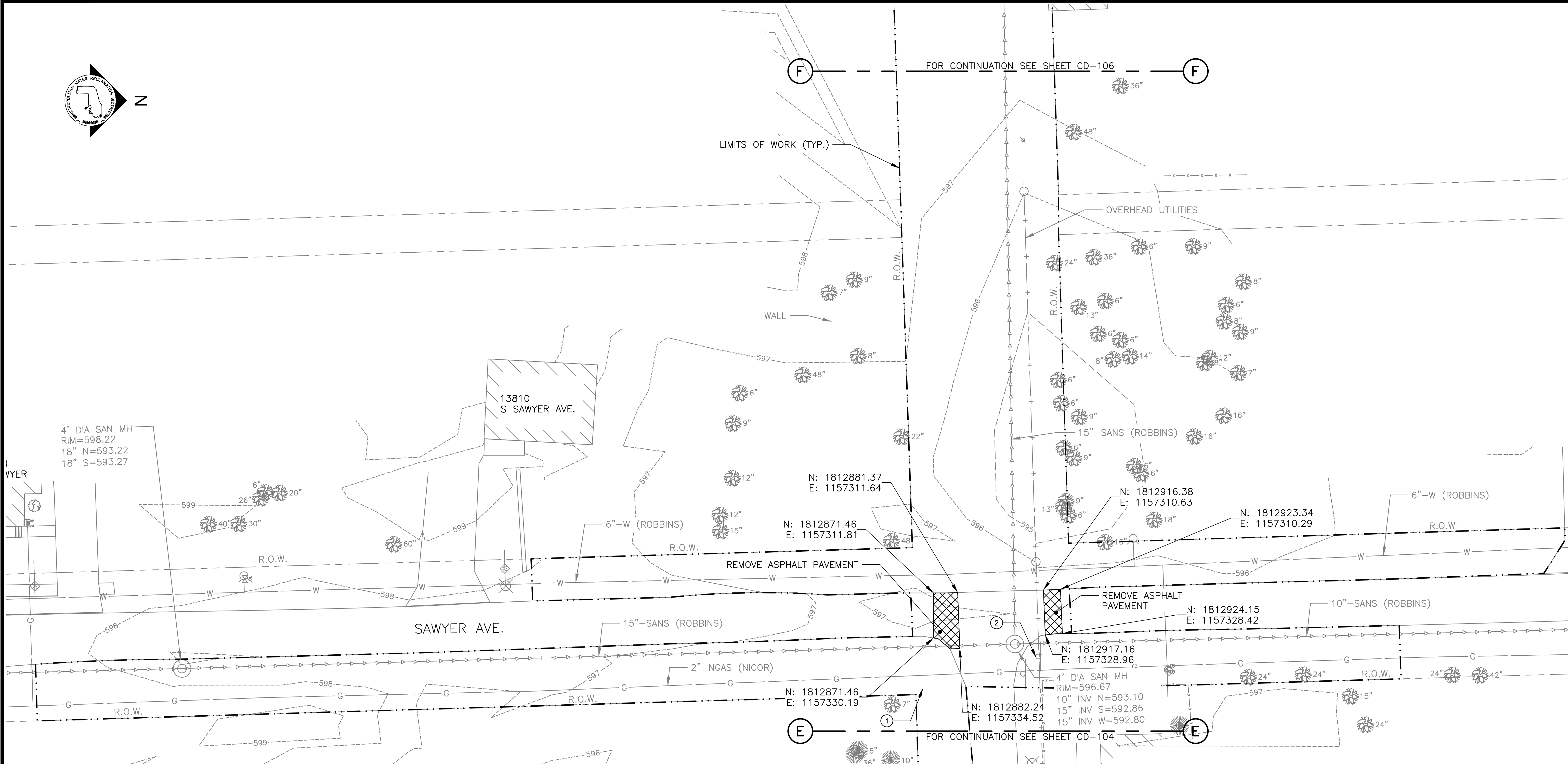
DONOHUE
ACCURATE
ENGINEERS

ZIM
CORPORATION
OVERSEEN & ASSOCIATES, INC.
CONSULTING ENGINEERS

Sheet Number:
CD-104

Page Number: 29

PLOT DATE: 8/15/2024 12:10 PM PLOTTED BY: MADRID, MICHELLE
P:\13278chi\Drawings\14-253-3F\Civil\Sheets\14-253-BF\CD-105.dwg 4/26/2024 12:33 PM



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

NOTES:

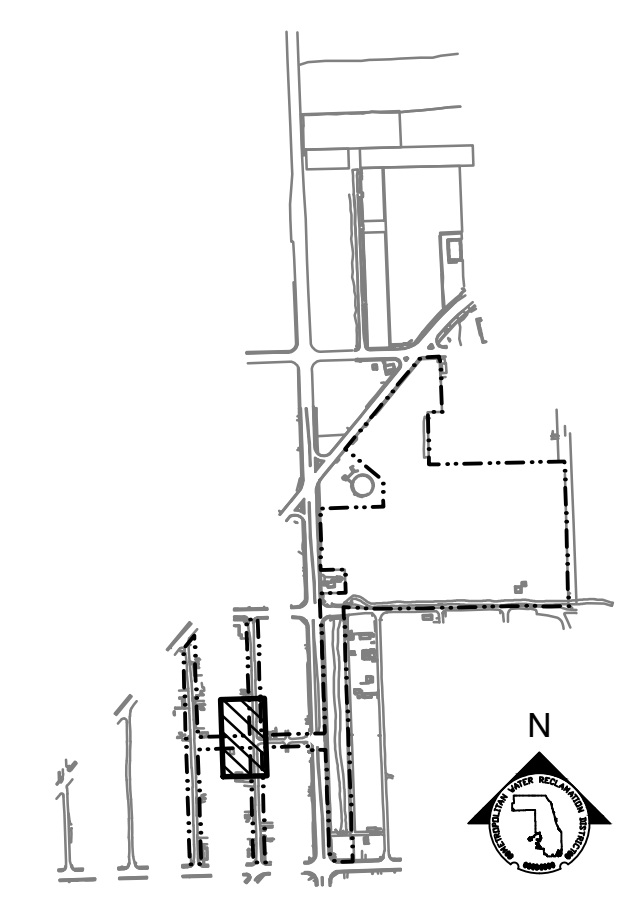
1. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
2. TREES TO BE REMOVED ARE NOT SHOWN ON THIS SHEET. SEE CLEAR AND GRUB PLAN (SHEET C-009) FOR LIMITS OF TREE CLEARING. INDIVIDUAL TREES SHOWN ON THIS SHEET ARE INTENDED TO REMAIN. SEE TREE PROTECTION PLAN (LD-101) FOR TREE PROTECTION FENCING.
3. CONTRACTOR TO REMOVE ALL ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

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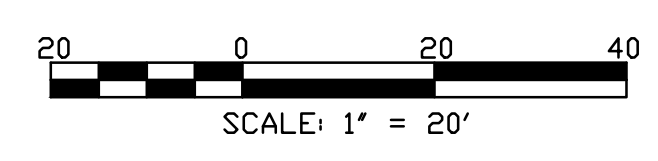
- EXISTING ITEMS
- ▨ DEMOLITION WORK
- - - LIMITS OF WORK
- - - - PROPERTY/RIGHT-OF-WAY LINE

KEY NOTES:

1. EXISTING ROADSIDE MEMORIAL. PROTECT IN PLACE OR REMOVE, STORE, AND REINSTALL.
2. REMOVE, STORE, AND REINSTALL EXISTING STREET SIGN.



KEY MAP



SCALE: 1" = 20'

Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Contract: 14-253-5FR
Project: FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
Watershed: LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

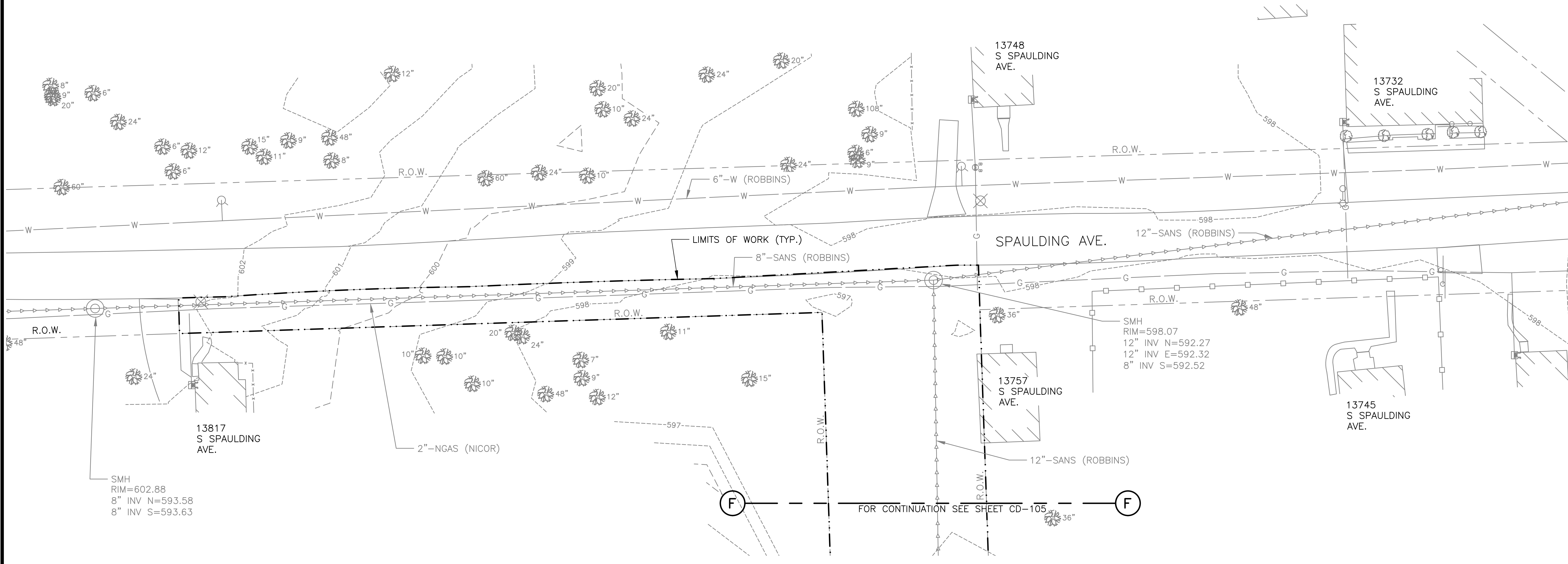
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Drawn by:	MLM	Reviewed by:	EPC
Date:	MAY 2024	Scale:	AS SHOWN

Logos: **DONOHUE**, **Accurate**, **LIVING HABITATS**, **ZIM**, **OBIA**, **OVERBEN & ASSOCIATES, INC.**

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Sheet Number:
CD-105
Page Number: 30



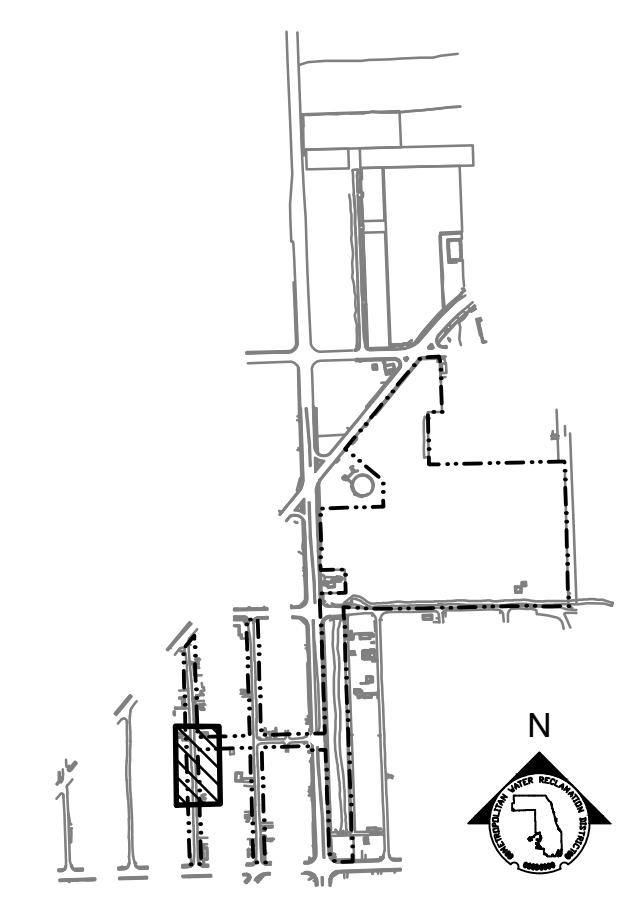
PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

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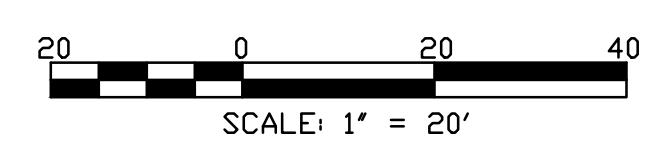
1. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
2. TREES TO BE REMOVED ARE NOT SHOWN ON THIS SHEET. SEE CLEAR AND GRUB PLAN (SHEET C-009) FOR LIMITS OF TREE CLEARING. INDIVIDUAL TREES SHOWN ON THIS SHEET ARE INTENDED TO REMAIN. SEE TREE PROTECTION PLAN (LD-101) FOR TREE PROTECTION FENCING.
3. NO DEMOLITION WORK ON THIS SHEET.
4. CONTRACTOR TO REMOVE ALL ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

LEGEND:

- EXISTING ITEMS
- ▨ DEMOLITION WORK
- - - LIMITS OF WORK
- - - - - PROPERTY/RIGHT-OF-WAY LINE



KEY MAP



Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Checked by: PMS
Designed by: MLM

Reviewed by: EPC
Drawn by: MLM

Date: MAY 2024
Scale: AS SHOWN

DONOHUE
Accurate
CONSULTING ENGINEERS

LIVING HABITATS

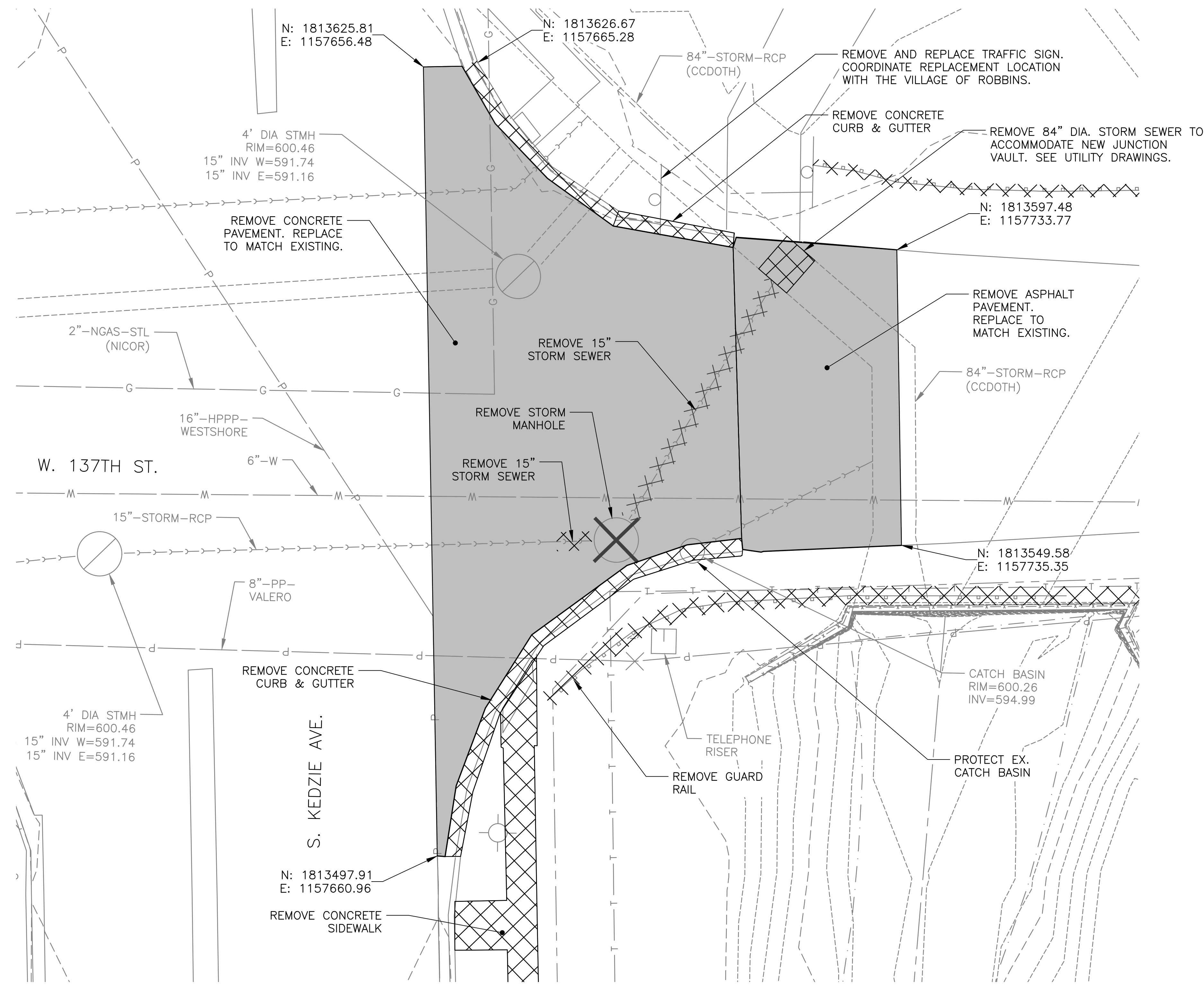
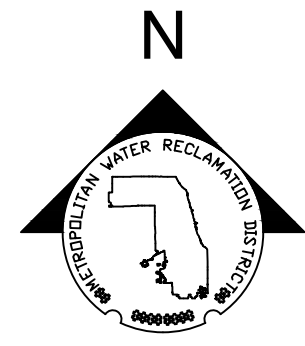
CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Sheet Number:
CD-106

Page Number: 31

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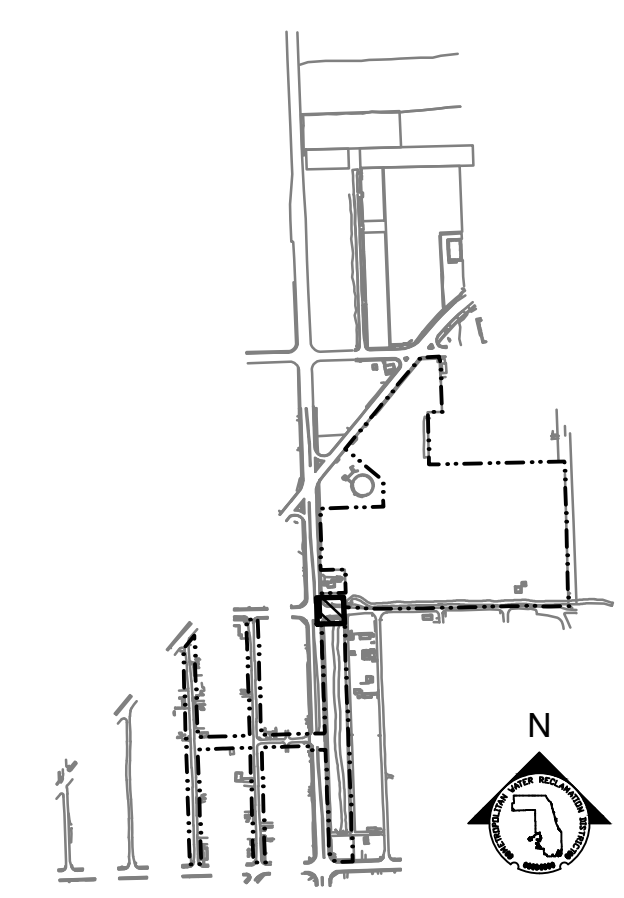
ENLARGED DEMOLITION PLAN
 SCALE = 1"=10'

GENERAL NOTES:

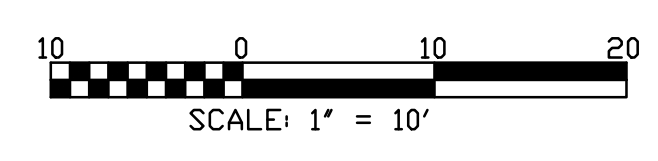
1. UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
2. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
3. CONTRACTOR TO REMOVE ALL ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

LEGEND:

- EXISTING ITEMS
- ▨ DEMOLITION WORK
- · - · - LIMITS OF WORK
- - - - - PROPERTY LINE
- ROADWAY PAVEMENT DEMOLITION



KEY MAP



Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED

ENLARGED DEMOLITION PLAN

Designed by: MLM
 Checked by: PMS
 Drawn by: MLM
 Reviewed by: EPC
 Date: MAY 2024
 Scale: AS SHOWN

DONOHUE
 CONSULTING ENGINEERS

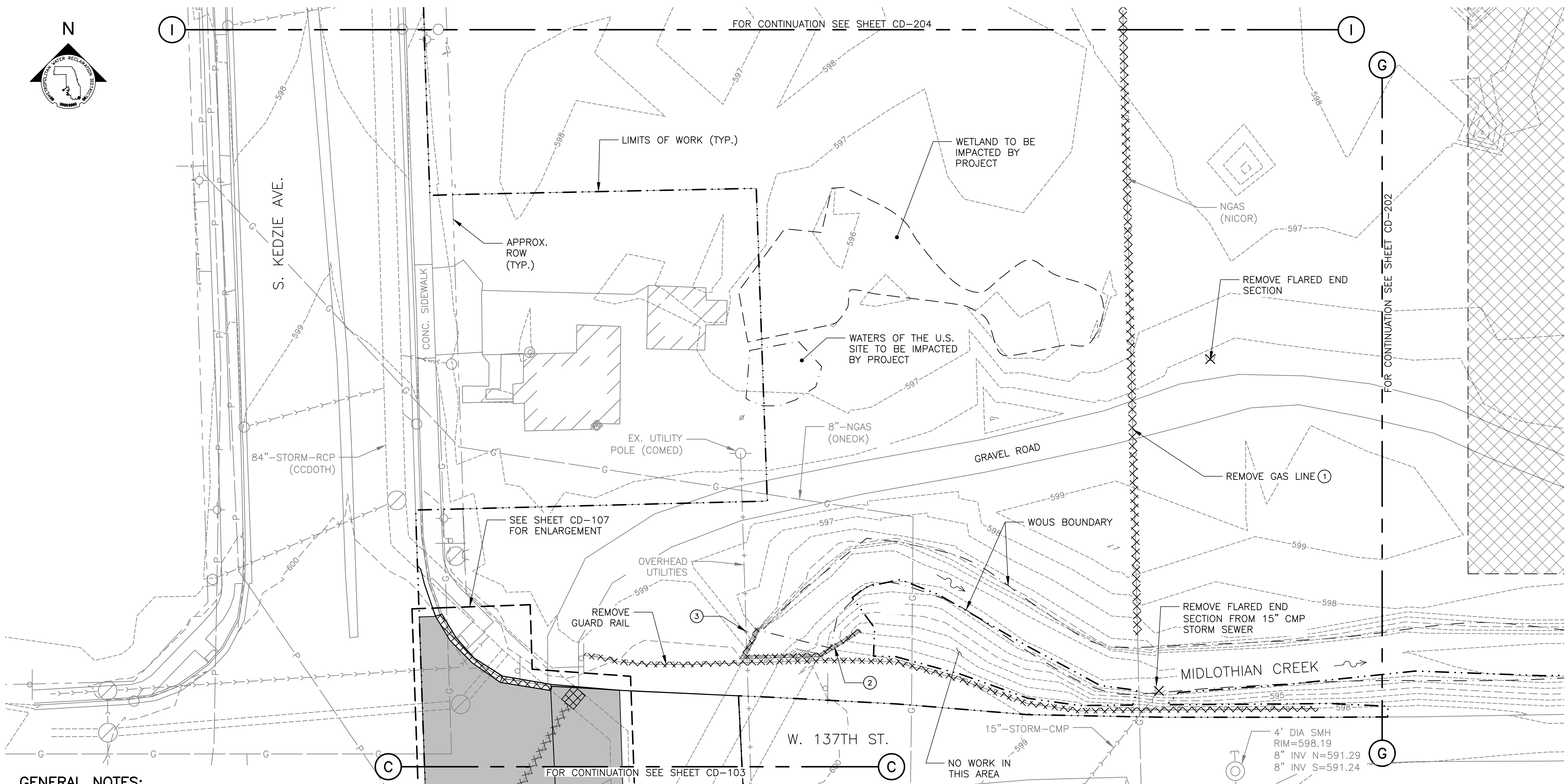
Accurate
 CONSULTING ENGINEERS

LIVING HABITATS

CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED

ENLARGED DEMOLITION PLAN

Sheet Number:
CD-107
 Page Number: 32

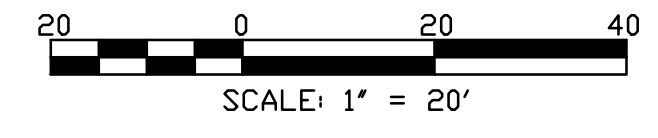
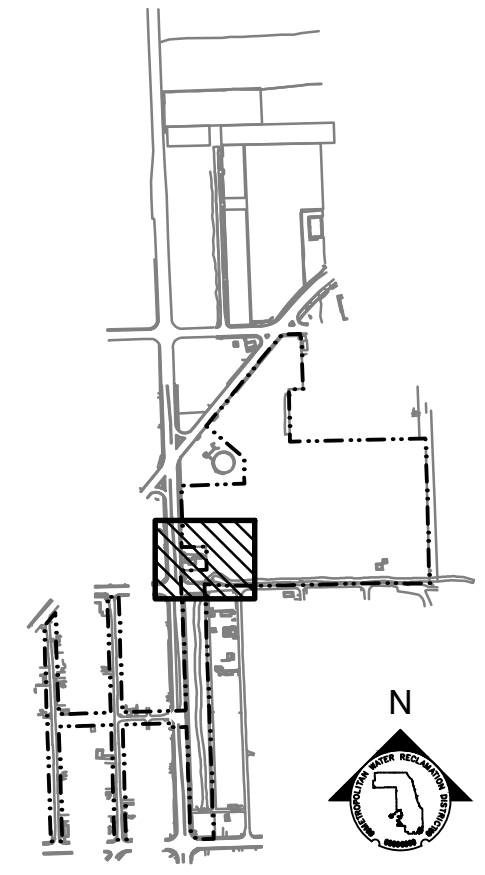
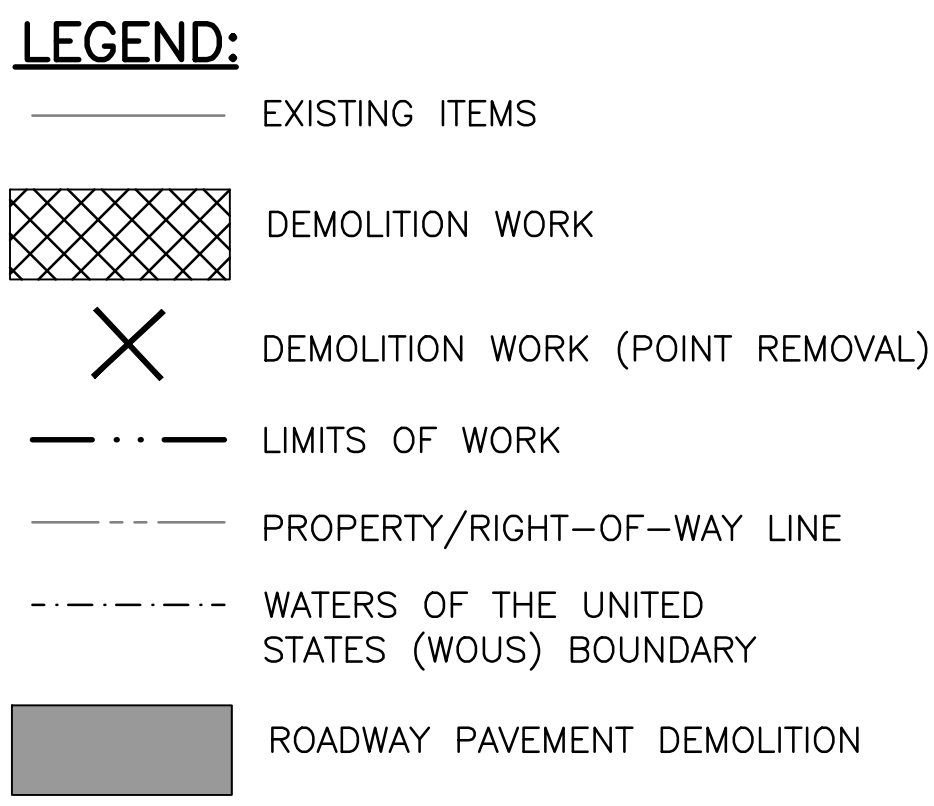


GENERAL NOTES:

1. UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
2. CONTRACTOR SHALL CONFIRM WITH UTILITY OWNER THE STATUS (ACTIVE OR ABANDONED) OF ALL UTILITIES WITHIN THE PROJECT AREA. ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN MAY EXIST WITHIN THE LIMITS OF WORK, PARTICULARLY UTILITIES WITHIN THE LIMITS OF OR SERVING THE FORMER WYNNHAVEN MOBILE HOME PARK. APPROXIMATE LIMITS OF THE FORMER WYNNHAVEN MOBILE HOME PARK ARE SHOWN ON DRAWING C-010. IF ADDITIONAL UTILITIES REQUIRING REMOVAL ARE ENCOUNTERED, CONTRACTOR TO DETERMINE UTILITY OWNER AND COORDINATE WITH UTILITY OWNER FOR DECOMMISSIONING AND REMOVAL. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.
3. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
4. CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

KEY NOTES:

1. COORDINATE REMOVAL WITH UTILITY OWNER. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.
2. REMOVE EXISTING CHAIN LINK FENCE ON TOP OF CULVERT HEADWALL (ENTIRE LENGTH OF HEADWALL). REPLACE PER IDOT STANDARD 664001-02 AND KEDZIE AVE MAIN DRAIN RECORD DRAWING (DRAWING R-010).
3. COORDINATE WITH UTILITY TO SUPPORT LINE CURRENTLY HANGING FROM TREE THAT SERVES 13635 KEDZIE AVE. TREE CURRENTLY SUPPORTING WIRE TO BE REMOVED AS PART OF THIS PROJECT.



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Contract 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

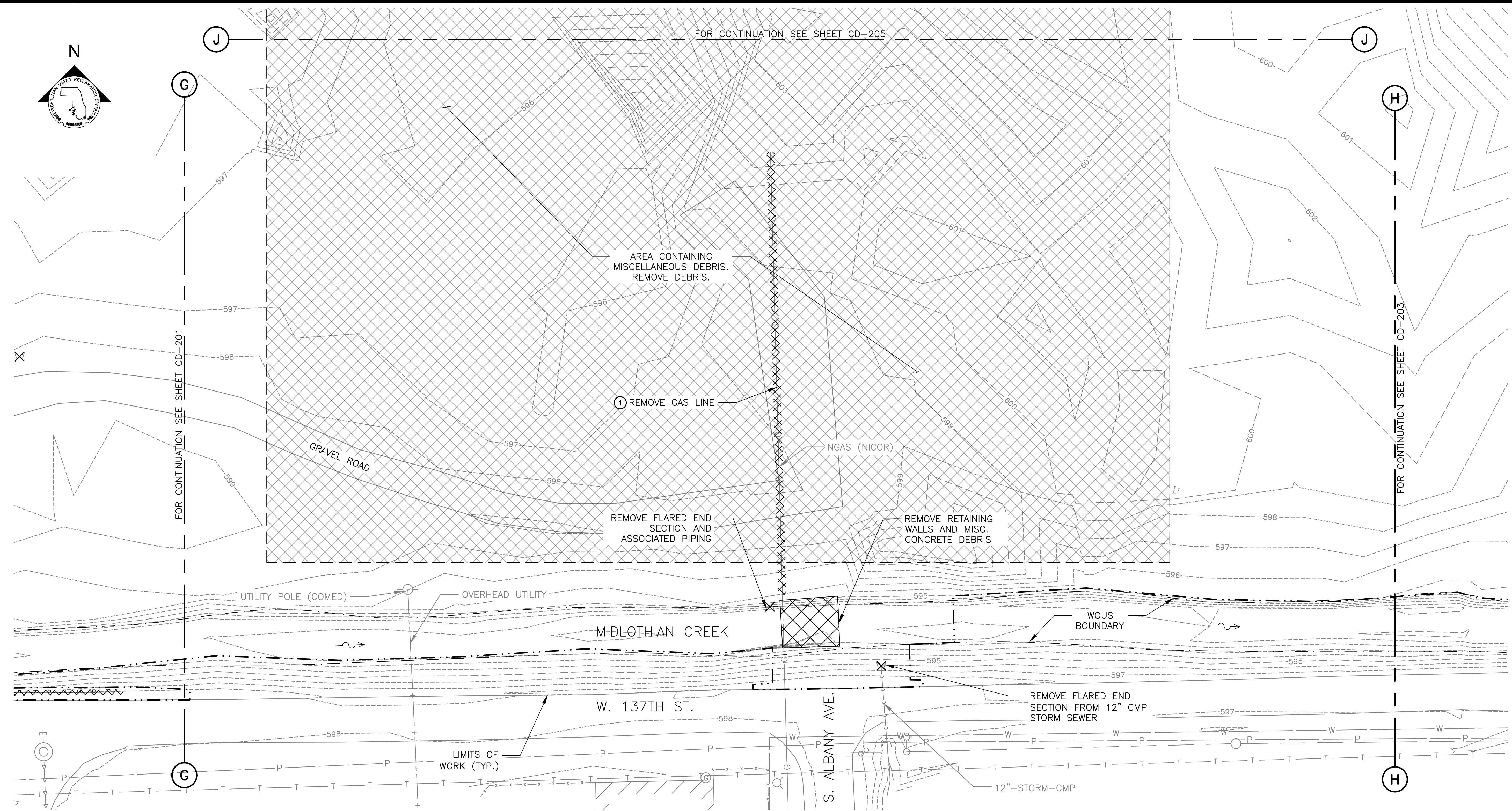
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Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

DONOHUE
Accurate
O'Brien & Associates, Inc.
CONSULTING ENGINEERS

LIVING HABITATS

Contract 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

GENERAL NOTES:

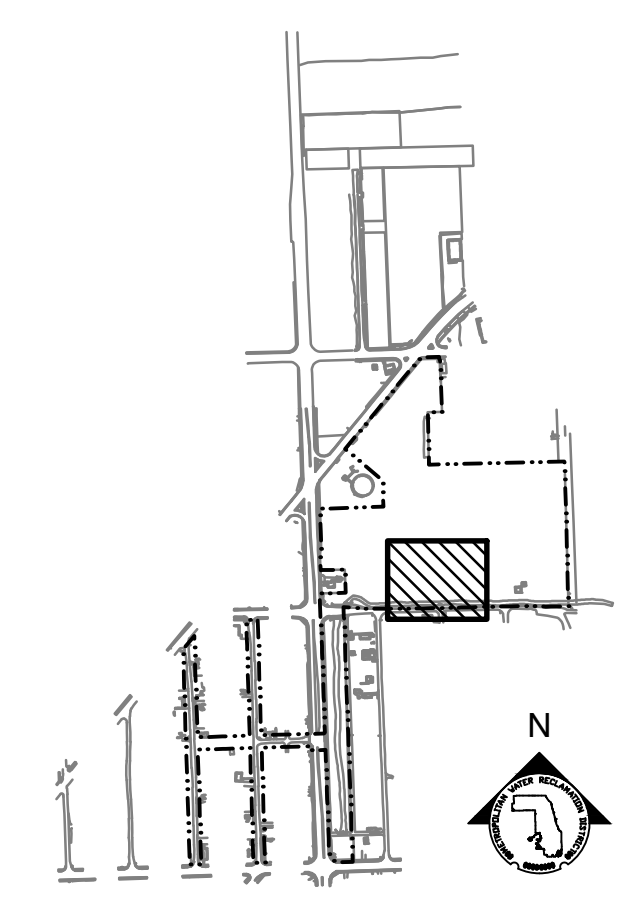
- UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
- CONTRACTOR SHALL CONFIRM WITH UTILITY OWNER THE STATUS (ACTIVE OR ABANDONED) OF ALL UTILITIES WITHIN THE PROJECT AREA. ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN MAY EXIST WITHIN THE LIMITS OF WORK, PARTICULARLY UTILITIES WITHIN THE LIMITS OF OR SERVING THE FORMER WYNNHAVEN MOBILE HOME PARK. APPROXIMATE LIMITS OF THE FORMER WYNNHAVEN MOBILE HOME PARK ARE SHOWN ON DRAWING C-010. IF ADDITIONAL UTILITIES REQUIRING REMOVAL ARE ENCOUNTERED, CONTRACTOR TO DETERMINE UTILITY OWNER AND COORDINATE WITH UTILITY OWNER FOR DECOMMISSIONING AND REMOVAL. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.
- PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
- LIMITS OF AREA CONTAINING DEBRIS ARE APPROXIMATE. REFER TO NOTE 3 ON DRAWING C-010.

KEY NOTES:

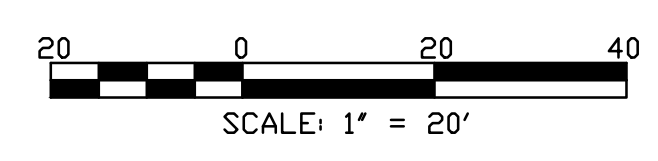
- COORDINATE REMOVAL WITH UTILITY OWNER. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.

LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- LIMITS OF WORK
- WATERS OF THE UNITED STATES (WOUS) BOUNDARY



KEY MAP



SCALE: 1" = 20'

Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

ILH
LIVING HABITATS

DONOHUE
Accurate
CONSULTING ENGINEERS

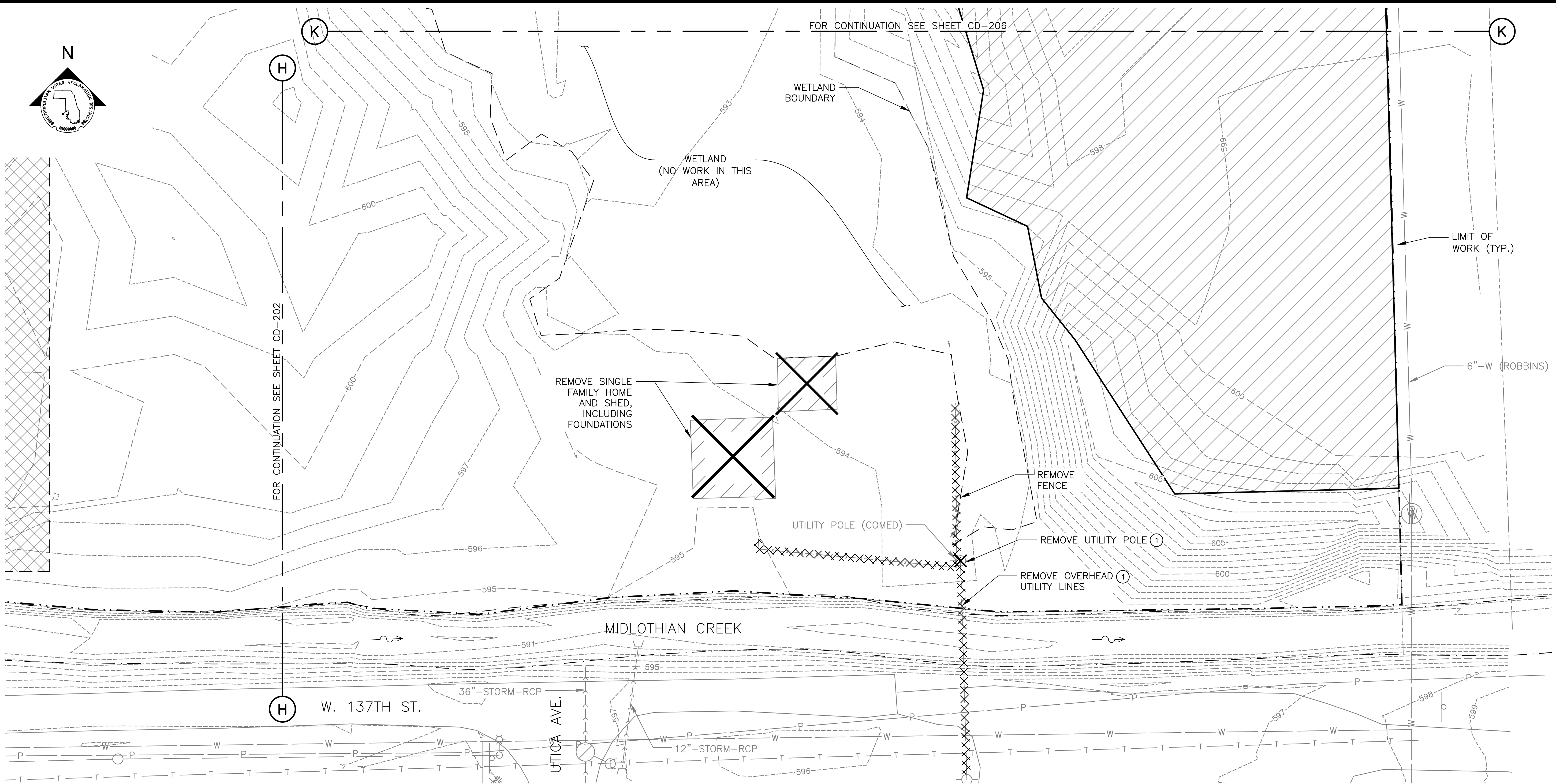
ZIM
GREEN & ASSOCIATES, INC.
CONSULTING ENGINEERS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Sheet Number:
CD-202

Page Number: 34



GENERAL NOTES:

- UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
- CONTRACTOR SHALL CONFIRM WITH UTILITY OWNER THE STATUS (ACTIVE OR ABANDONED) OF ALL UTILITIES WITHIN THE PROJECT AREA. ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN MAY EXIST WITHIN THE LIMITS OF WORK, PARTICULARLY UTILITIES WITHIN THE LIMITS OF OR SERVING THE FORMER WYNNHAVEN MOBILE HOME PARK. IF ADDITIONAL UTILITIES REQUIRING REMOVAL ARE ENCOUNTERED, CONTRACTOR TO DETERMINE UTILITY OWNER AND COORDINATE WITH UTILITY OWNER FOR DECOMMISSIONING AND REMOVAL. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.
- PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
- CONTRACTOR SHALL COORDINATE WITH POOLE'S PULL APART & TOWING FOR REMOVAL OF VEHICLES WITHIN LIMITS OF WORK. CONTRACTOR IS ADVISED THAT VEHICLES MAY BE STACKED VERTICALLY IN SEVERAL LAYERS ALONG THE LIMITS OF WORK. ADDITIONAL SAFETY BARRIERS MAY BE REQUIRED FOR WORK IN THESE AREAS.
- CONTRACTOR TO REMOVE ALL ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

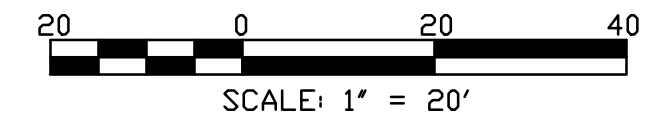
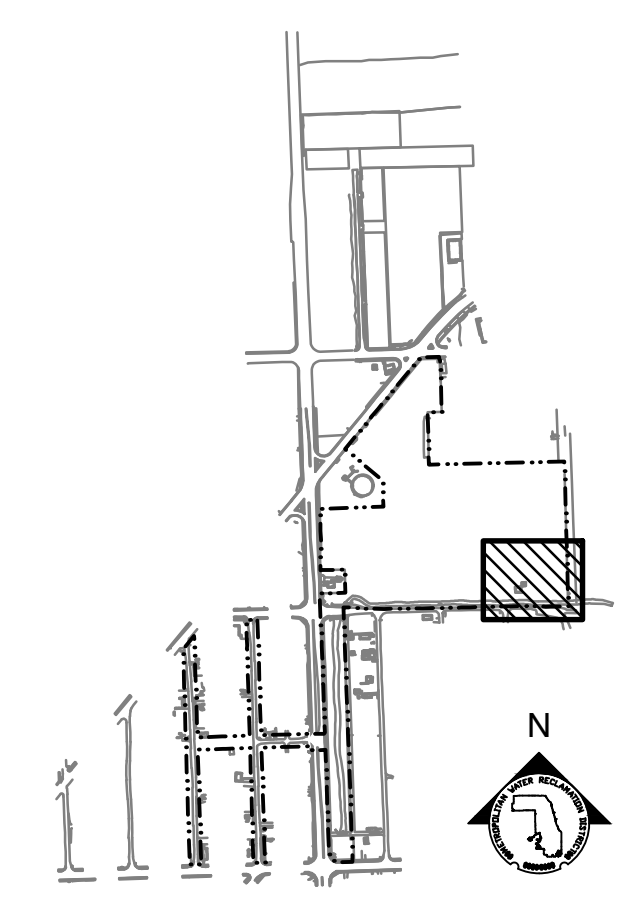
LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- DEMOLITION WORK (POINT REMOVAL)
- AREA CONTAINING VEHICLES FROM POOLE'S PULL APART & TOWING (LIMITS APPROXIMATE)
- LIMITS OF WORK
- WATERS OF THE UNITED STATES (WOUS) BOUNDARY
- WETLAND BOUNDARY

PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

KEY NOTES:

- COORDINATE REMOVAL WITH UTILITY OWNER. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.



Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

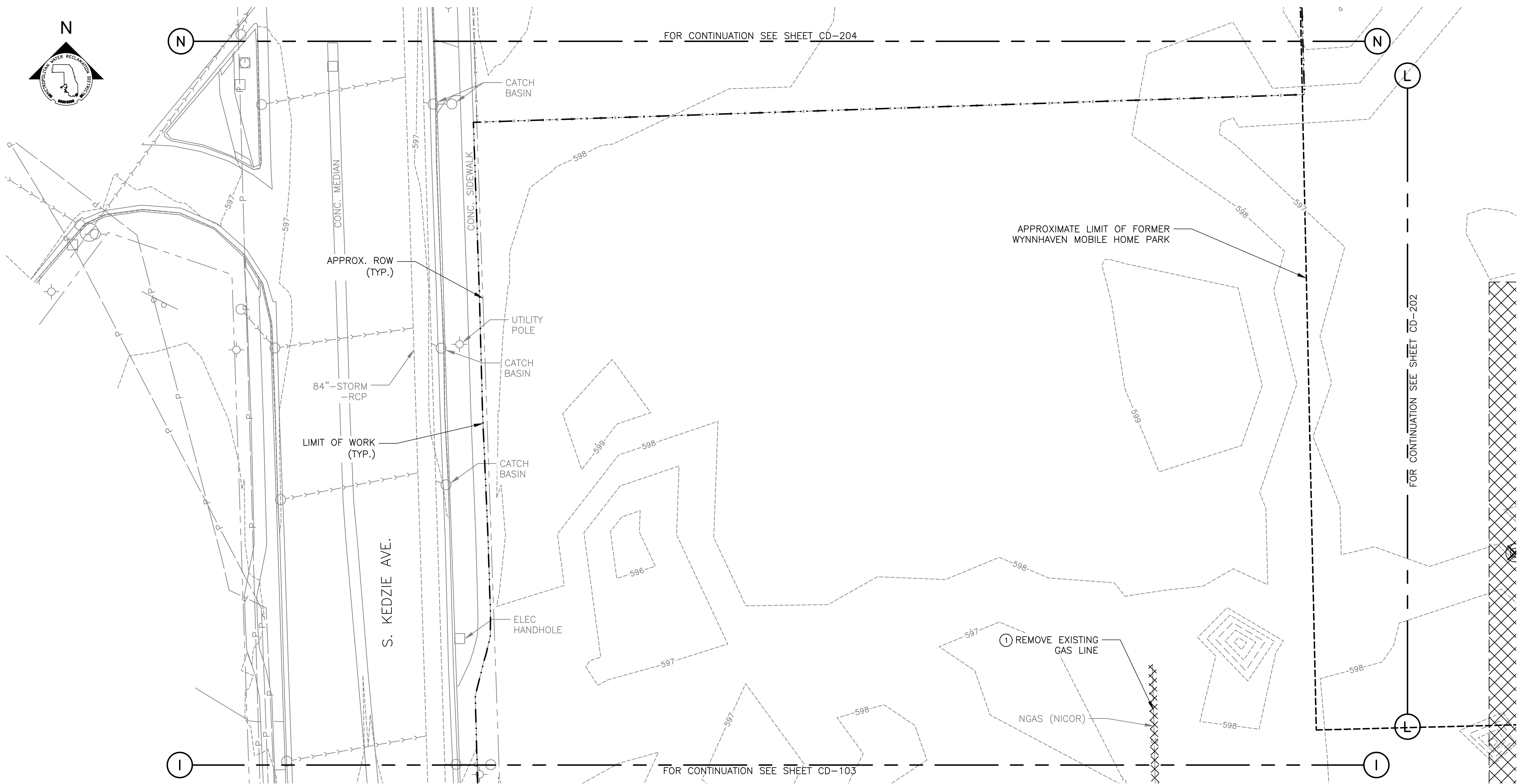
DONOHUE
Accurate
CONSULTING ENGINEERS

LIVING HABITATS

ZIM
OEA
O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS

Sheet Number:
CD-203

Page Number: 35



GENERAL NOTES:

1. UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
2. CONTRACTOR SHALL CONFIRM WITH UTILITY OWNER THE STATUS (ACTIVE OR ABANDONED) OF ALL UTILITIES WITHIN THE PROJECT AREA. ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN MAY EXIST WITHIN THE LIMITS OF WORK, PARTICULARLY UTILITIES WITHIN THE LIMITS OF OR SERVING THE FORMER WYNNHAVEN MOBILE HOME PARK. IF ADDITIONAL UTILITIES REQUIRING REMOVAL ARE ENCOUNTERED, CONTRACTOR TO DETERMINE UTILITY OWNER AND COORDINATE WITH UTILITY OWNER FOR DECOMMISSIONING AND REMOVAL. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.
3. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
4. FOUNDATIONS AND PAVEMENT FROM FORMER WYNNHAVEN MOBILE HOME PARK MAY BE PRESENT. CONTRACTOR SHALL REMOVE FOUNDATIONS AND PAVEMENT ENCOUNTERED. LIMITS OF THE FORMER MOBILE HOME PARK ARE SHOWN ON THE WYNNHAVEN MOBILE HOME PARK SEWER RECORD DRAWING PROVIDED ON REFERENCE DRAWING R-014.
5. CONTRACTOR TO REMOVE ALL ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

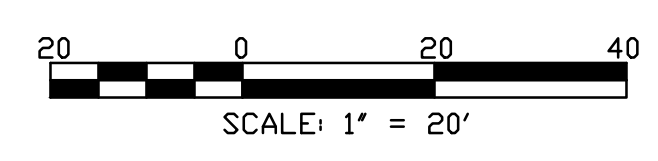
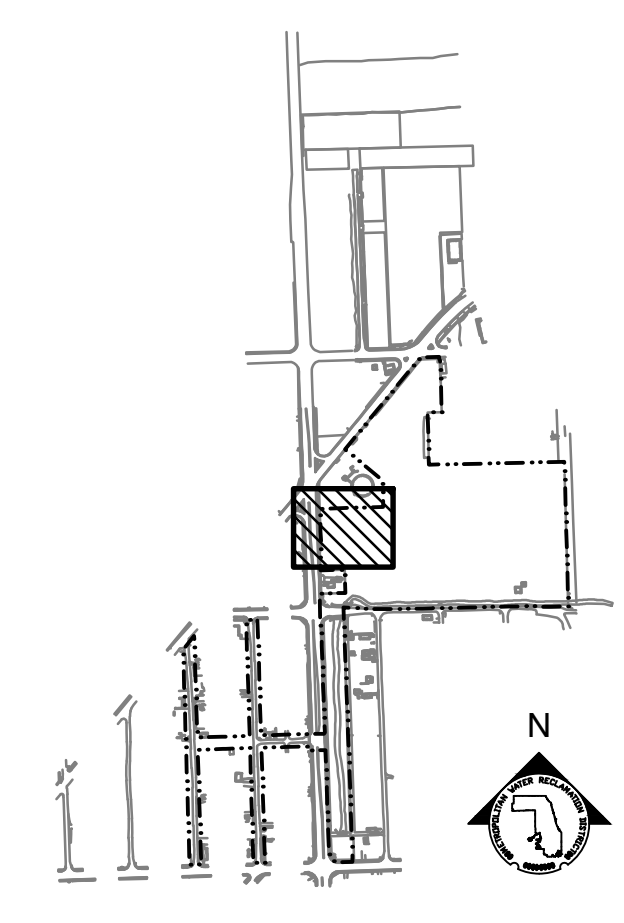
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LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- LIMITS OF WORK
- PROPERTY/RIGHT-OF-WAY LINE

PARTIAL DEMOLITION PLAN
SCALE = 1"=20'



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CONTRACT 14-253-5FR
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MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

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Accurate
O'Brien & Associates, Inc.
CONSULTING ENGINEERS

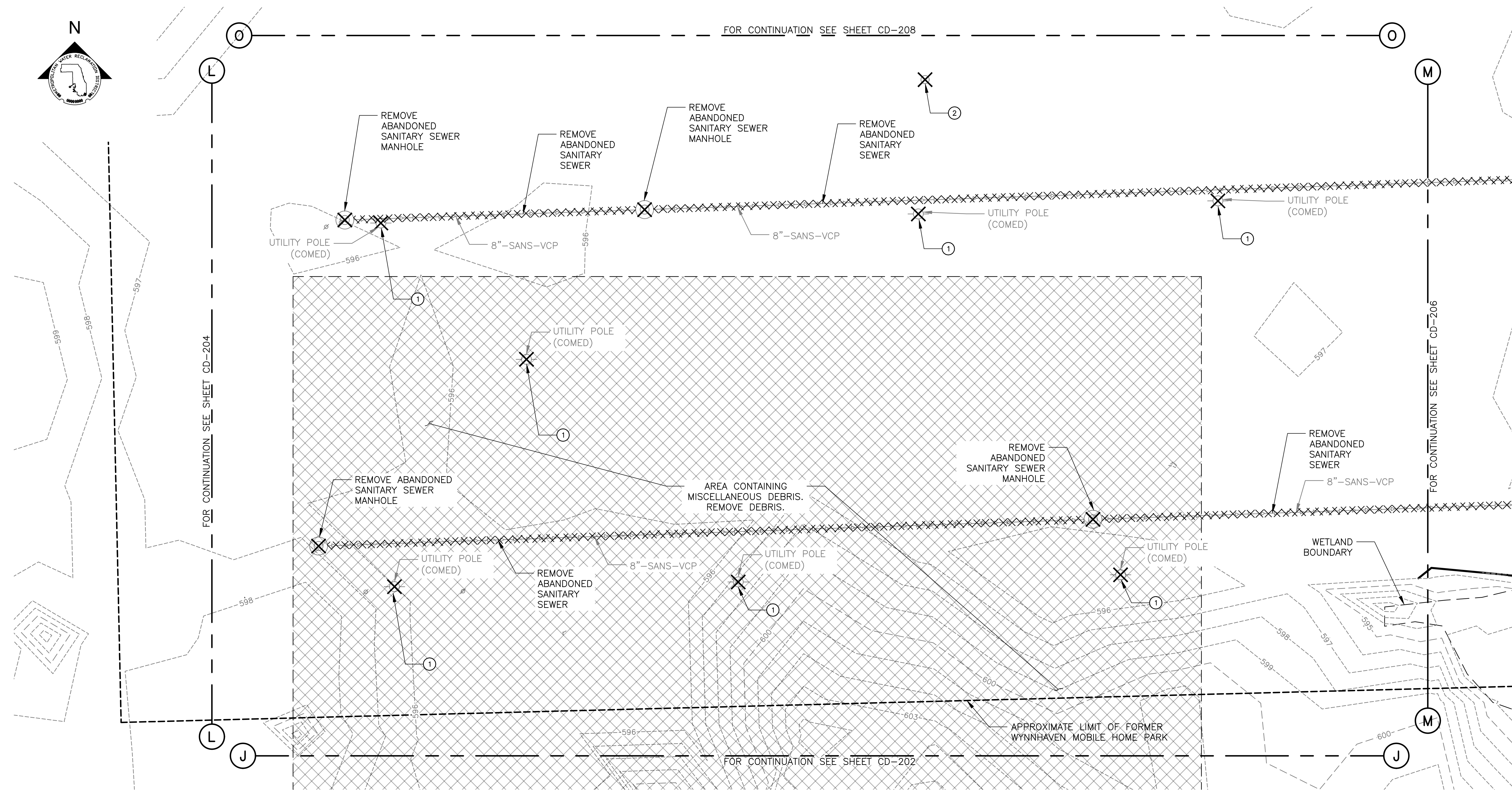
LIVING HABITATS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

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CD-204

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FOR CONTINUATION SEE SHEET CD-208

FOR CONTINUATION SEE SHEET CD-202

FOR CONTINUATION SEE SHEET CD-206

GENERAL NOTES:

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- PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
- LOCATION OF ABANDONED SANITARY SEWER TO BE REMOVED IS BASED ON RECORD DRAWINGS AND IS APPROXIMATE. CONTRACTOR TO FIELD LOCATE. SEE DRAWING R-014 FOR WYNNHAVEN MOBILE HOME PARK SEWER PLAN RECORD DRAWING.
- FOUNDATIONS AND PAVEMENT FROM FORMER WYNNHAVEN MOBILE HOME PARK MAY BE PRESENT. CONTRACTOR SHALL REMOVE FOUNDATIONS AND PAVEMENT ENCOUNTERED. LIMITS OF THE FORMER MOBILE HOME PARK ARE SHOWN ON THE WYNNHAVEN MOBILE HOME PARK SEWER RECORD DRAWING PROVIDED ON REFERENCE DRAWING R-014.
- LIMITS OF AREA CONTAINING DEBRIS ARE APPROXIMATE. REFER TO NOTE 3 ON DRAWING C-010.

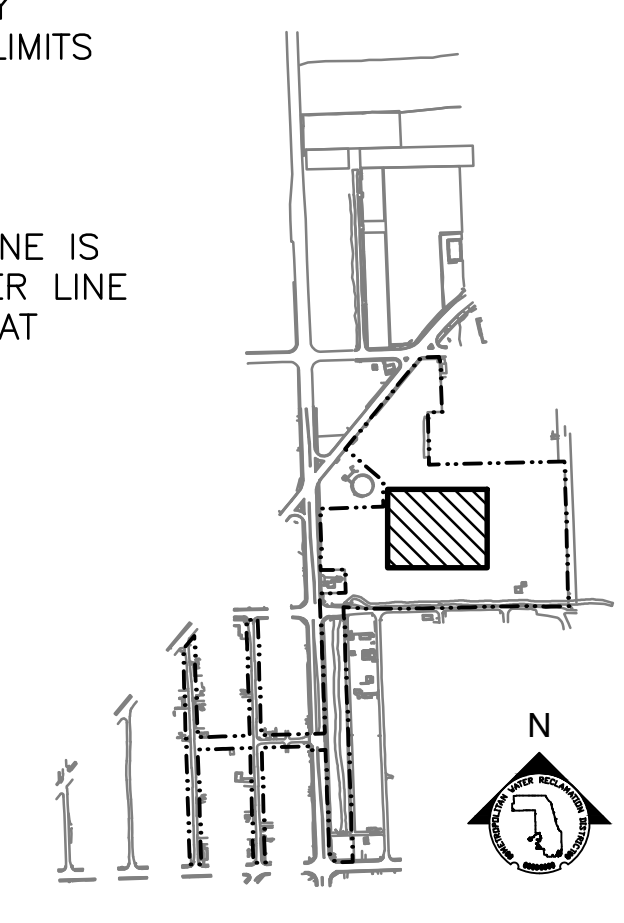
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- REMOVE EXISTING FIRE HYDRANT. LOCATION OF ASSOCIATED WATER LINE IS UNKNOWN. FIELD LOCATE ASSOCIATED WATER LINE AND REMOVE WATER LINE EXPOSED BY CONSTRUCTION ACTIVITIES. PLUG ENDS OF WATER LINE AT REMOVAL LIMITS. COORDINATE REMOVAL WITH VILLAGE OF ROBBINS.

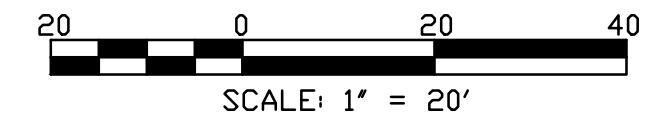
LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- DEMOLITION WORK (POINT REMOVAL)
- WETLAND BOUNDARY

PARTIAL DEMOLITION PLAN
SCALE = 1"=20'



KEY MAP



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MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
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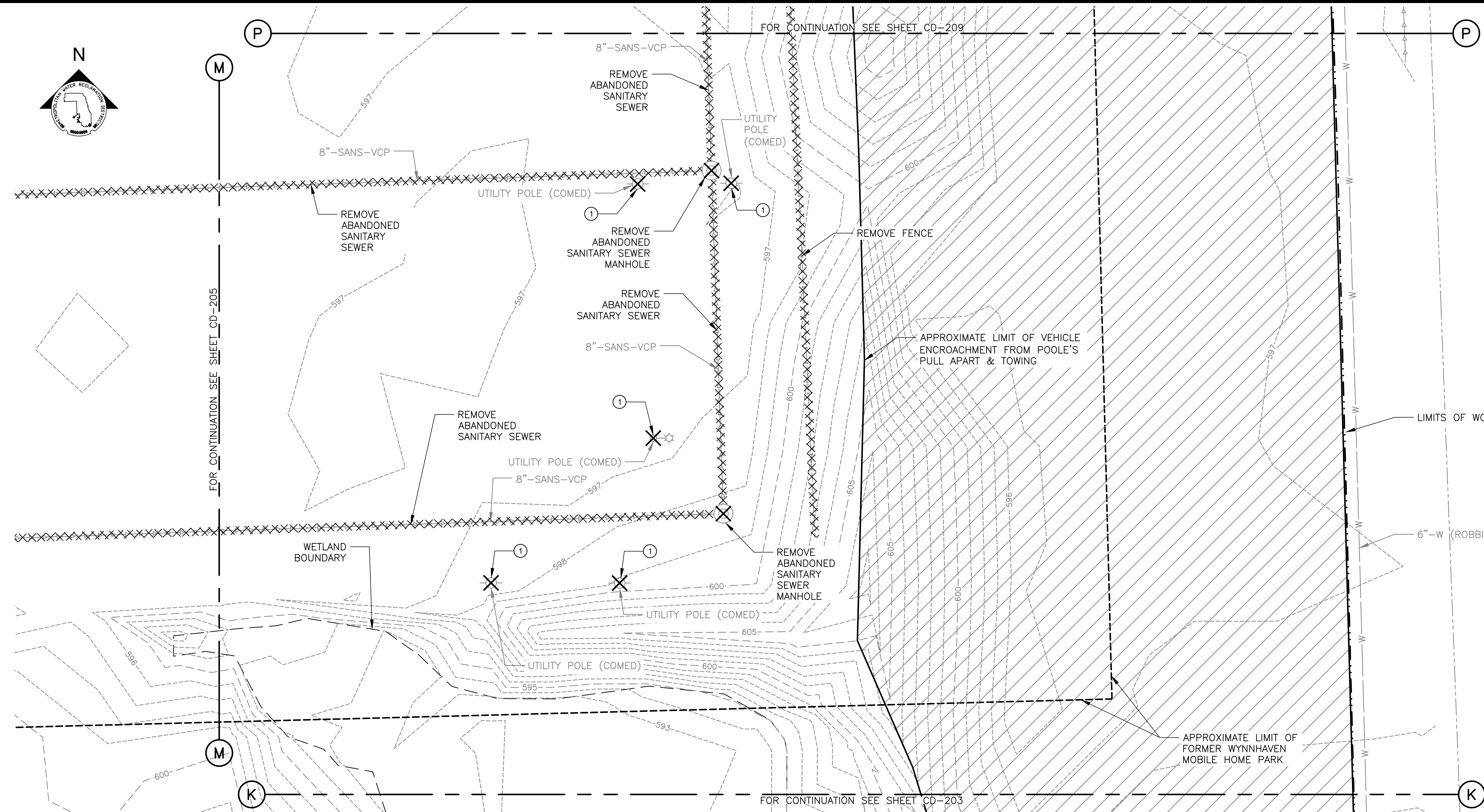
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CONSULTING ENGINEERS

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GENERAL NOTES:

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- CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

PARTIAL DEMOLITION PLAN

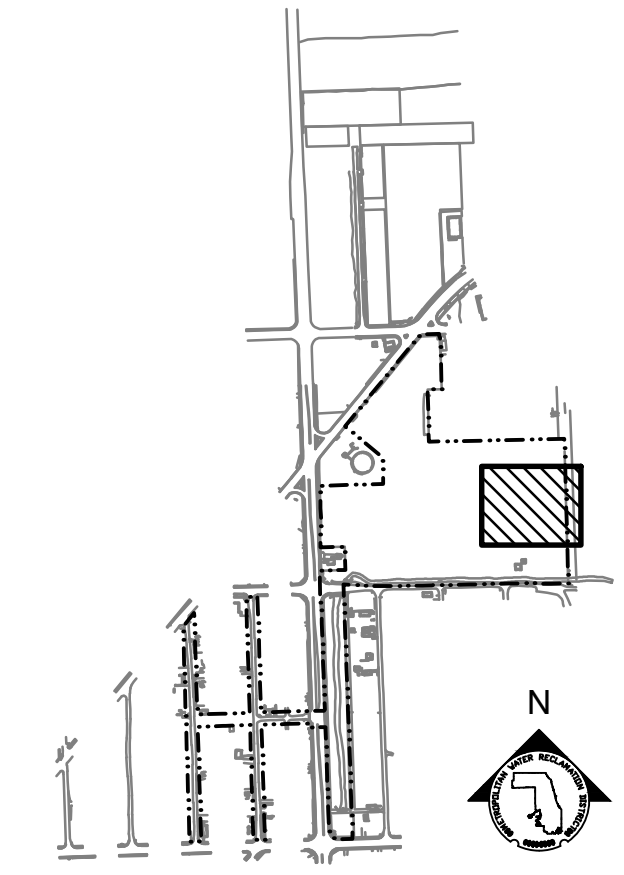
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KEY NOTES:

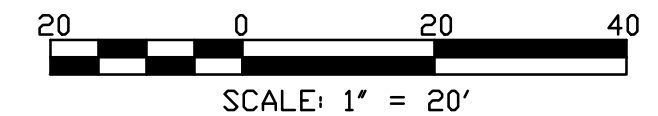
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LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- DEMOLITION WORK (POINT REMOVAL)
- LIMITS OF WORK
- WETLAND BOUNDARY
- PROPERTY/RIGHT-OF-WAY LINE
- AREA CONTAINING VEHICLES FROM POOLE'S PULL APART & TOWING (LIMITS APPROXIMATE)



KEY MAP



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 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
 Checked by: PMS
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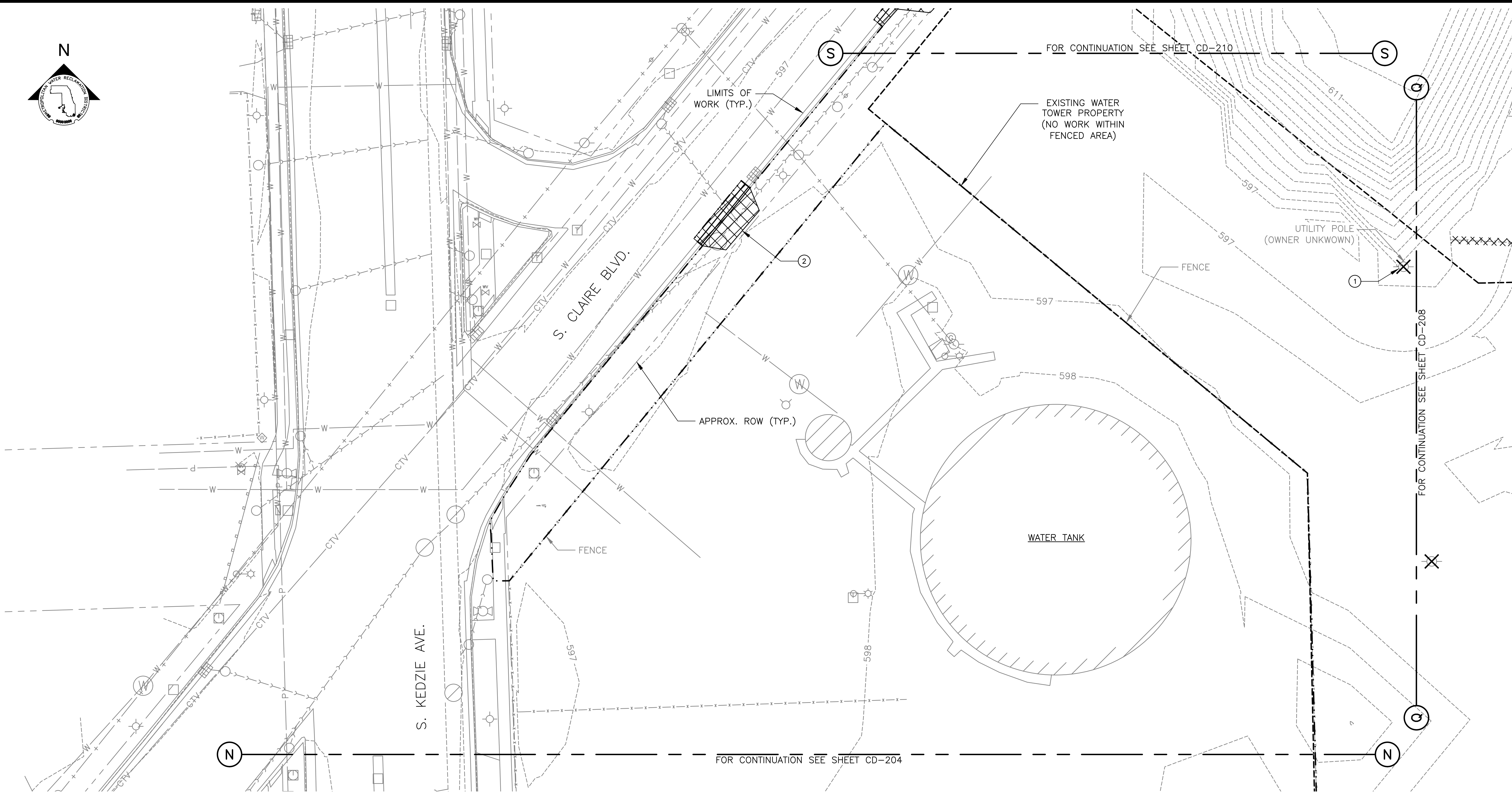
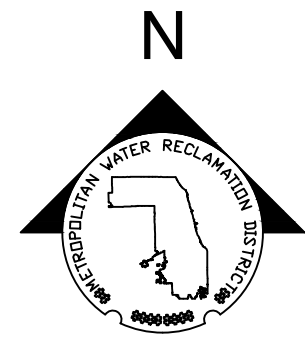
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Accurate
 CONSULTING ENGINEERS

LIVING HABITATS

Sheet Number:
CD-206

Page Number: 38



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

GENERAL NOTES:

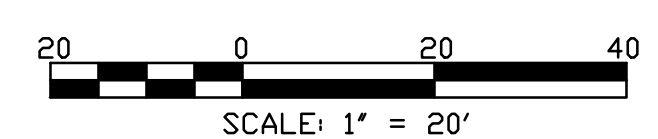
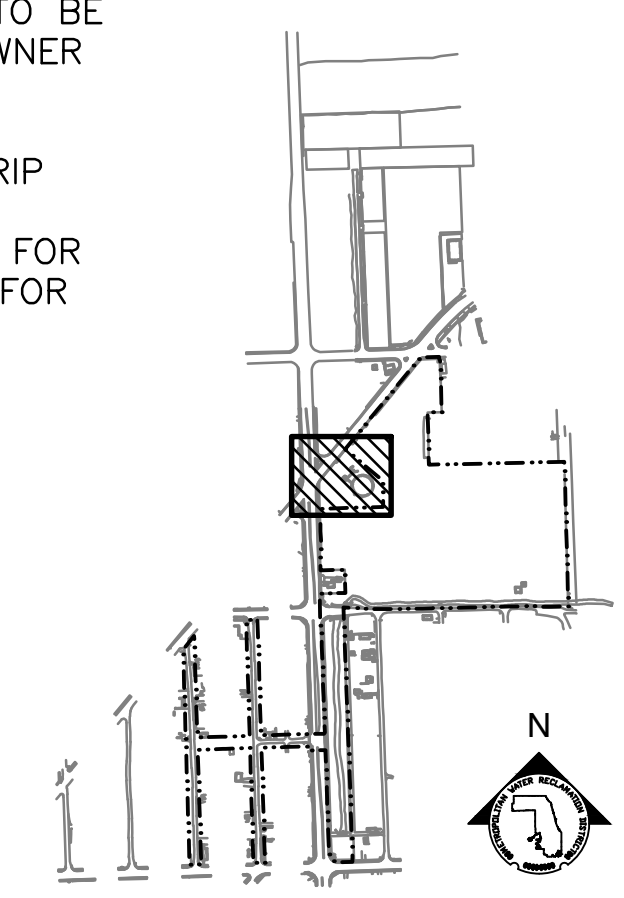
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KEY NOTES:

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2. REMOVE CONCRETE DRIVEWAY INCLUDING CURB & GUTTER AND 2-FT WIDE STRIP OF PAVEMENT. REPLACE PER DETAIL 3 ON DRAWING CP-502. SEE LANDSCAPE DRAWINGS FOR DRIVEWAY DIMENSIONS. MAINTAIN ACCESS TO WATER TANK SITE FOR DURATION OF CONSTRUCTION. PROVIDE AGGREGATE BASE COURSE AS NEEDED FOR TEMPORARY ACCESS.

LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- LIMITS OF WORK
- PROPERTY/RIGHT-OF-WAY LINE



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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

DONOHUE
ACCURATE
CONSULTING ENGINEERS

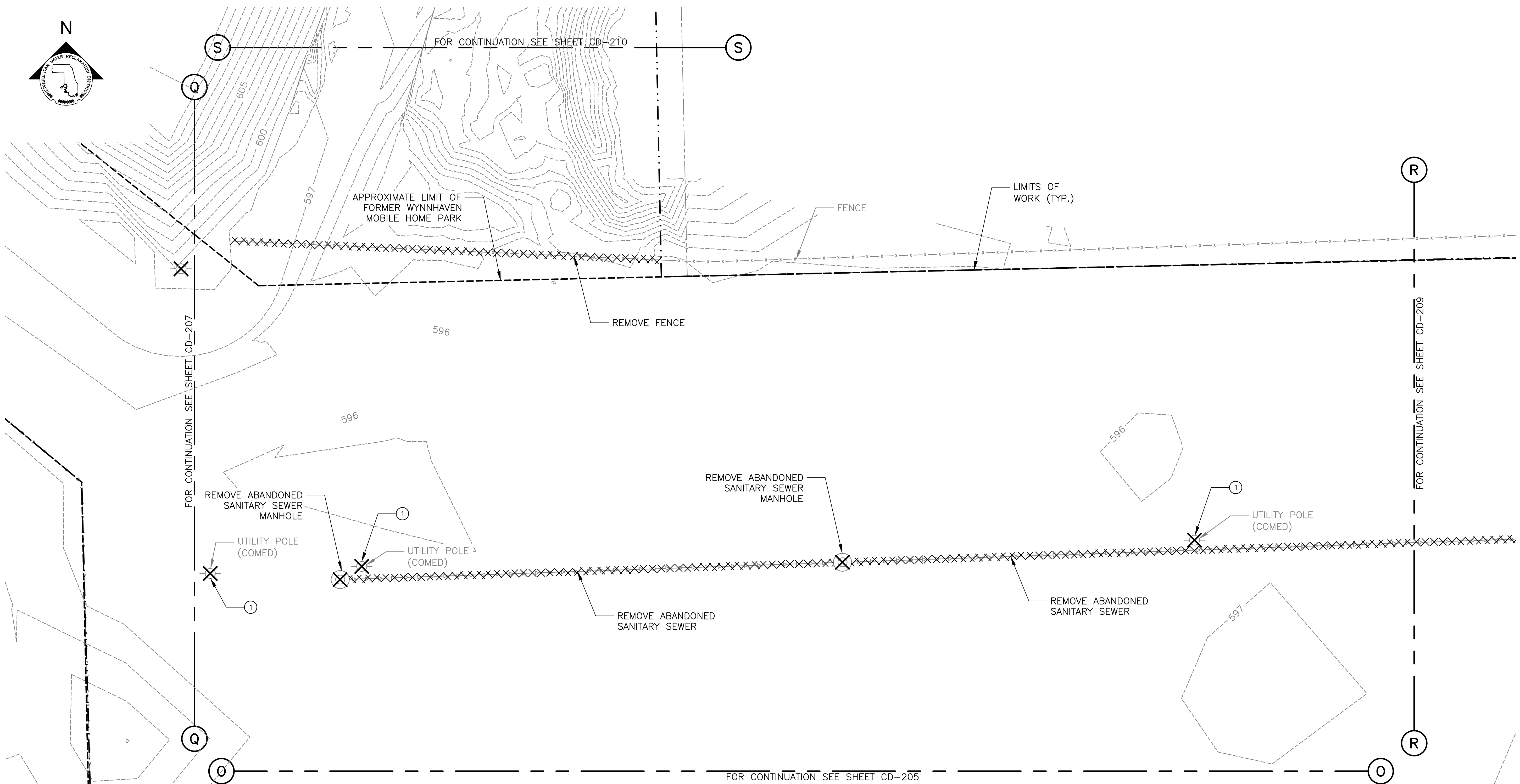
LIVING HABITATS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Sheet Number:
CD-207

Page Number: 39



GENERAL NOTES:

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- PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
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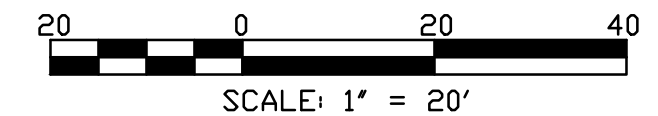
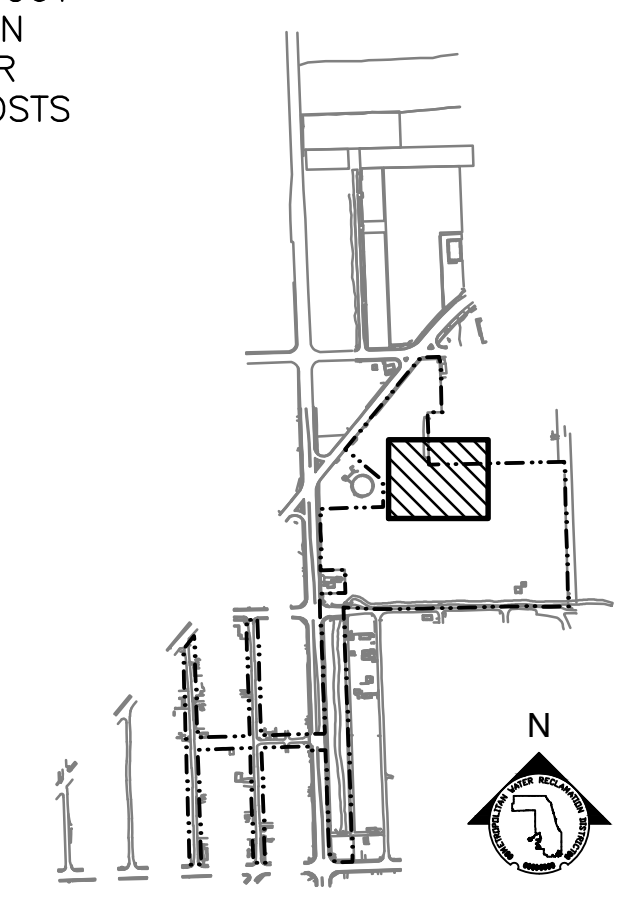
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LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- DEMOLITION WORK (POINT REMOVAL)
- LIMITS OF WORK
- PROPERTY LINE

PARTIAL DEMOLITION PLAN
SCALE = 1"=20'



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LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

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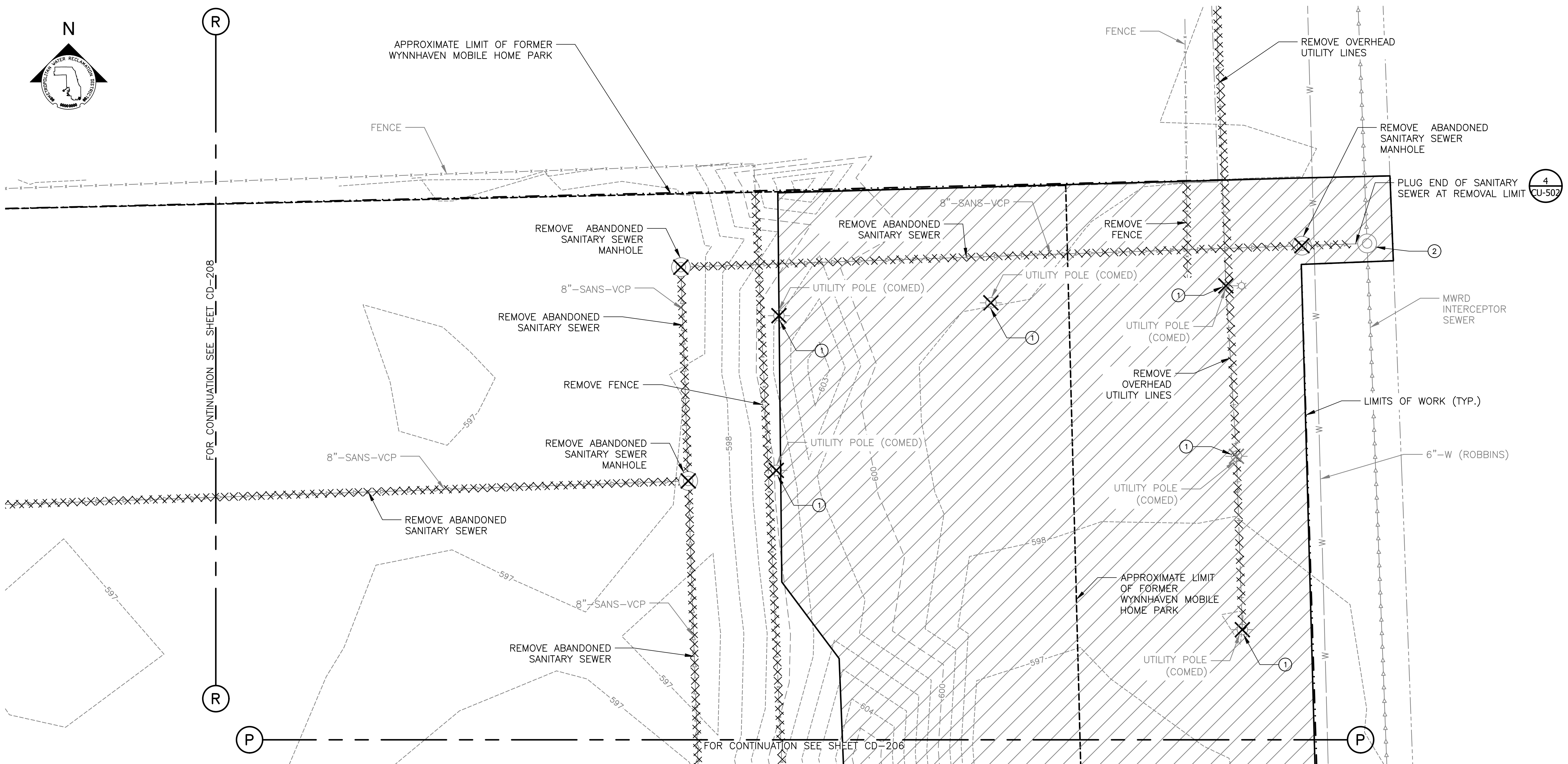
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LIVING HABITATS

DONOHUE
ACCURATE
OVERBEN & ASSOCIATES, INC.
CONSULTING ENGINEERS

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Sheet Number:
CD-208

Page Number: 40



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

GENERAL NOTES:

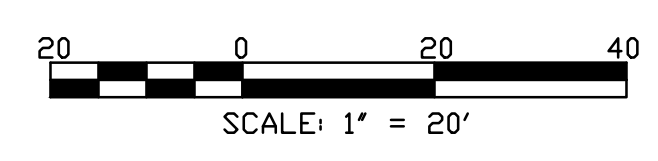
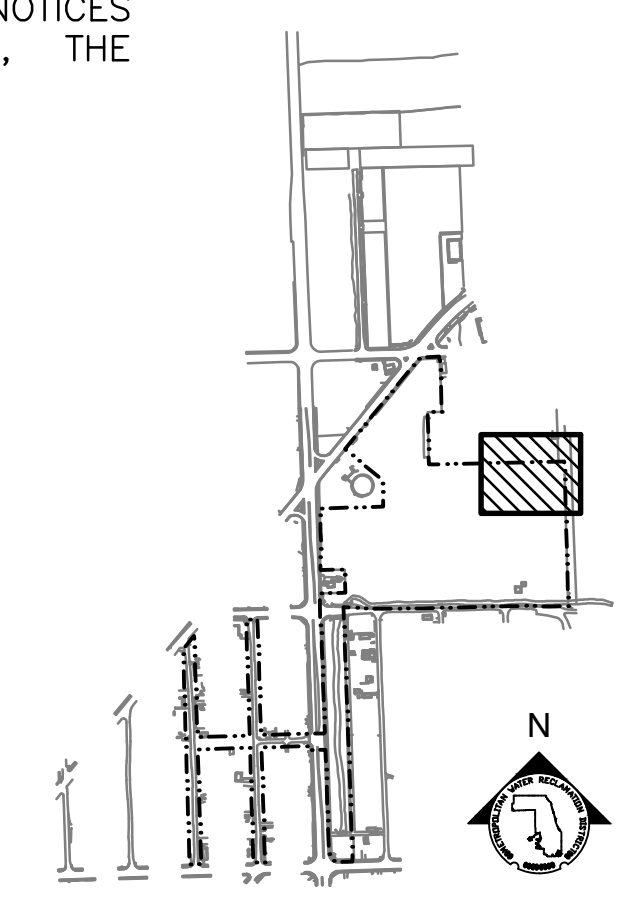
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- MWRD MANHOLE. IF CONTRACTOR REQUIRES ACCESS TO OR NOTICES ANY DAMAGE TO OR DEGRADATION OF THE MANHOLE, THE CONTRACTOR SHALL CALL (708) 588-4080 TO INFORM MWRD.

LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- DEMOLITION WORK (POINT REMOVAL)
- LIMITS OF WORK
- PROPERTY LINE
- AREA CONTAINING VEHICLES FROM POOLE'S PULL APART & TOWING



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LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

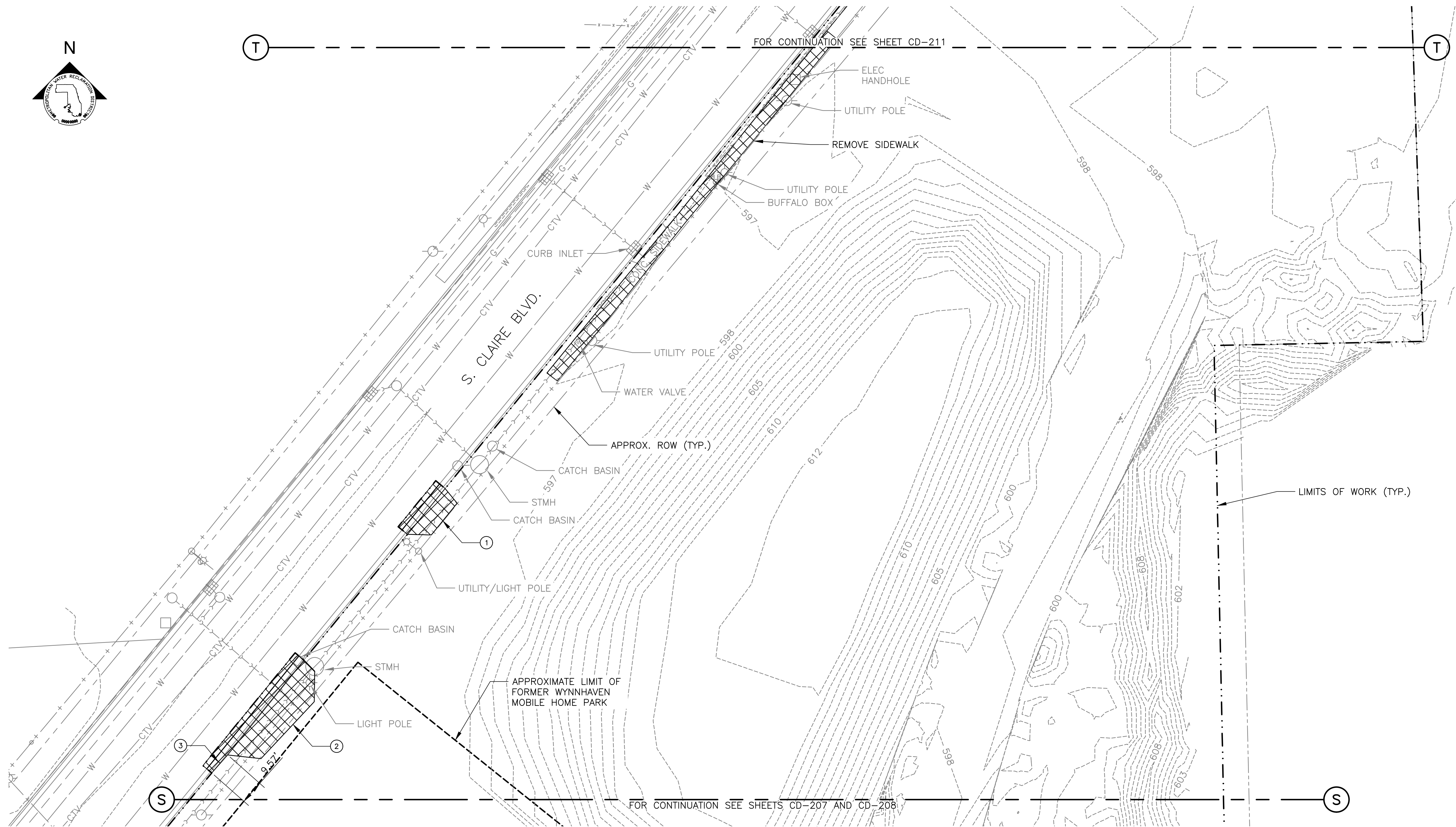
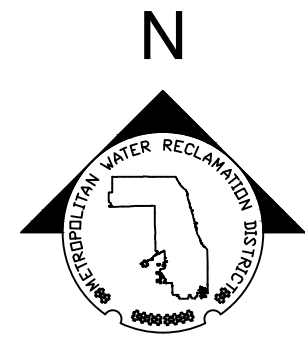
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Reviewed by: EPC
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LIVING HABITATS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN



GENERAL NOTES:

1. UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
2. CONTRACTOR SHALL CONFIRM WITH UTILITY OWNER THE STATUS (ACTIVE OR ABANDONED) OF ALL UTILITIES WITHIN THE PROJECT AREA. ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN MAY EXIST WITHIN THE LIMITS OF WORK, PARTICULARLY UTILITIES WITHIN THE LIMITS OF OR SERVING THE FORMER WYNNHAVEN MOBILE HOME PARK. IF ADDITIONAL UTILITIES REQUIRING REMOVAL ARE ENCOUNTERED, CONTRACTOR TO DETERMINE UTILITY OWNER AND COORDINATE WITH UTILITY OWNER FOR DECOMMISSIONING AND REMOVAL. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, CONTRACTOR SHALL BEAR ALL COSTS FOR REMOVAL CHARGED BY UTILITY OWNER.
3. PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
4. FOUNDATIONS AND PAVEMENT FROM FORMER WYNNHAVEN MOBILE HOME PARK MAY BE PRESENT. CONTRACTOR SHALL REMOVE FOUNDATIONS AND PAVEMENT ENCOUNTERED. LIMITS OF THE FORMER MOBILE HOME PARK ARE SHOWN ON THE WYNNHAVEN MOBILE HOME PARK SEWER RECORD DRAWING PROVIDED ON REFERENCE DRAWING R-014.
5. CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

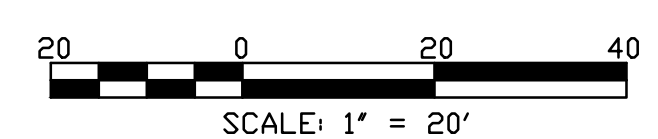
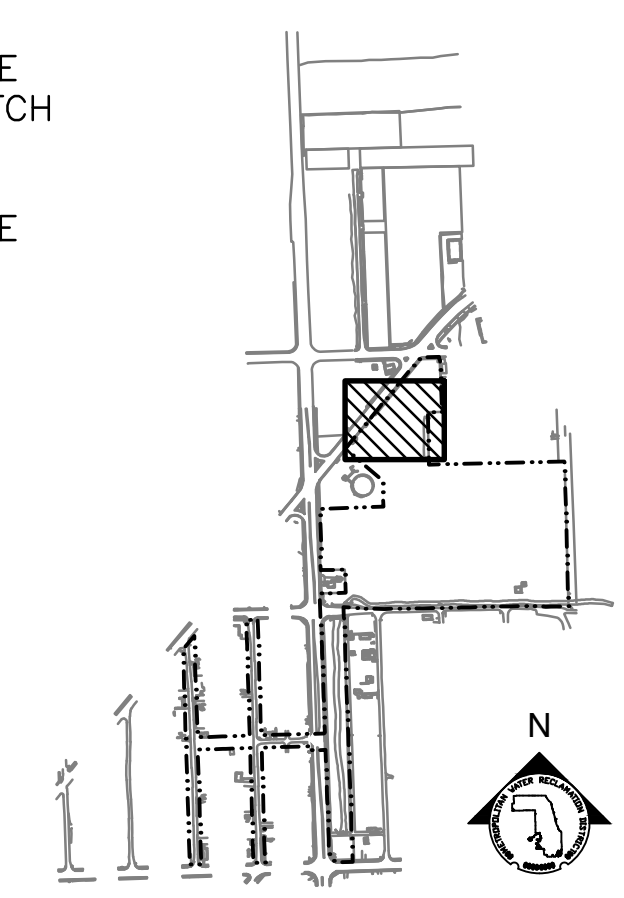
KEY NOTES:

1. REMOVE CONCRETE DRIVEWAY INCLUDING CURB & GUTTER AND 2-FT WIDE STRIP OF PAVEMENT. REPLACE WITH CURB & GUTTER AND PAVEMENT PATCH PER DETAIL 5 ON DRAWING CP-502.
2. REMOVE CONCRETE DRIVEWAY INCLUDING CURB & GUTTER AND 2-FT WIDE STRIP OF PAVEMENT.
3. REMOVE CURB & GUTTER AND 2-FT WIDE STRIP OF PAVEMENT.

LEGEND:

- EXISTING ITEMS
- DEMOLITION WORK
- LIMITS OF WORK
- PROPERTY/RIGHT-OF-WAY LINE

PARTIAL DEMOLITION PLAN
SCALE = 1"=20'



Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
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Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

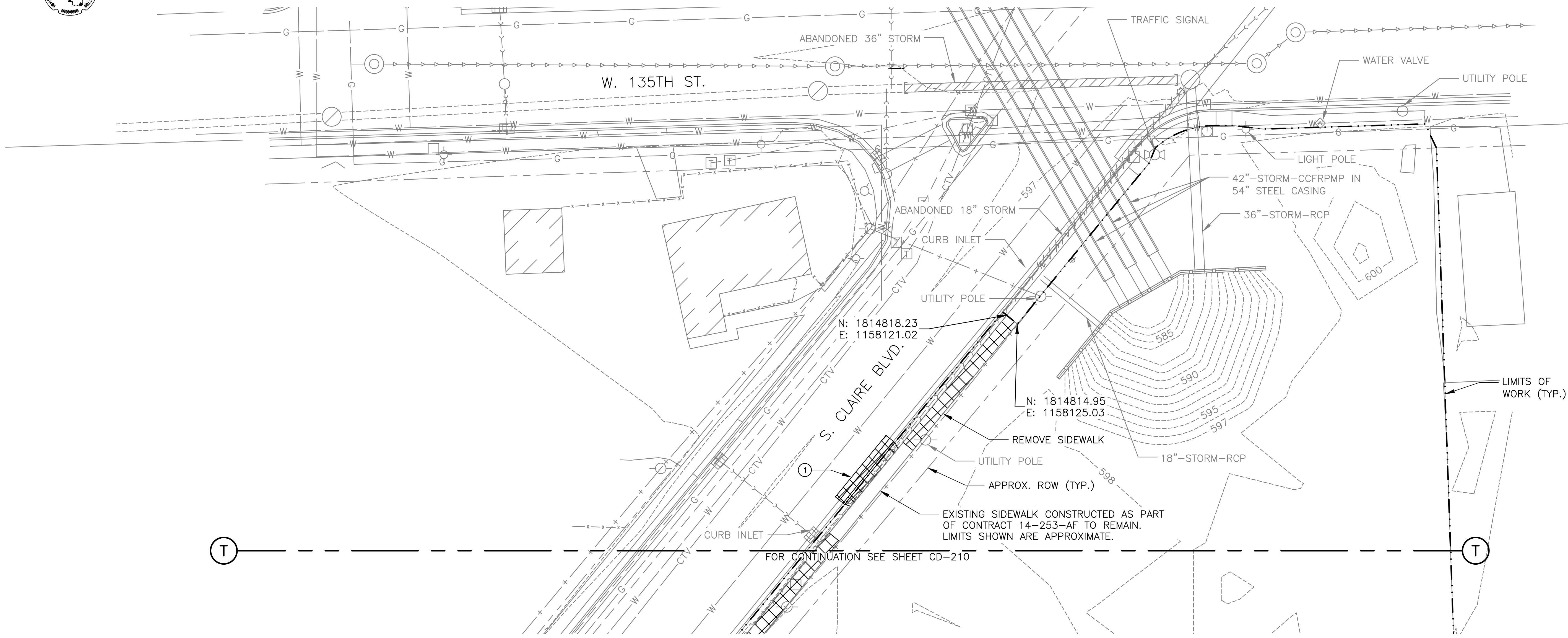
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O'Brien & Associates, Inc.
CONSULTING ENGINEERS

LIVING HABITATS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Sheet Number:
CD-210
Page Number: 42



PARTIAL DEMOLITION PLAN
SCALE = 1"=20'

GENERAL NOTES:

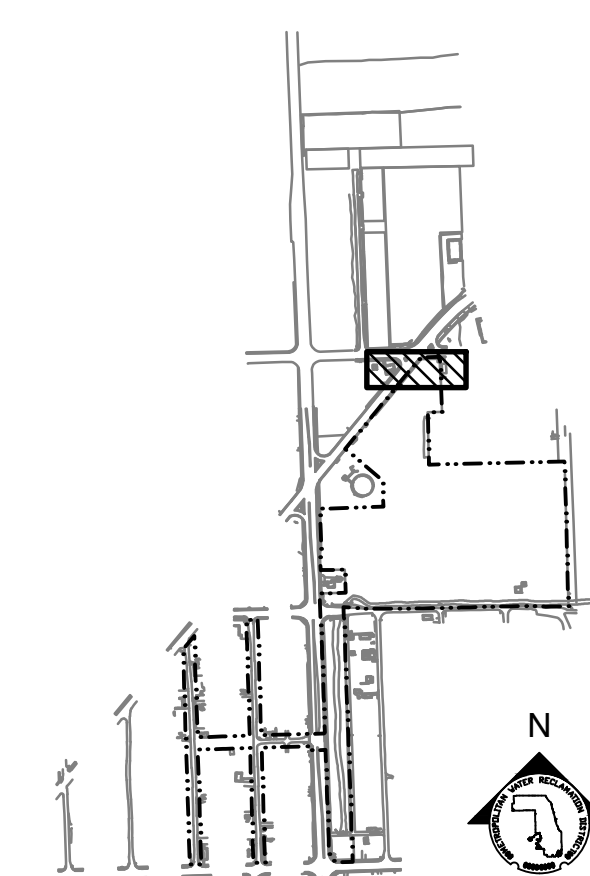
- UTILITY SERVICE LINES, STREET LIGHT POWER LINES, AND TRAFFIC SIGNAL LINES NOT SHOWN. THIS INFORMATION NOT PROVIDED BY UTILITY OWNERS IN UTILITY INFORMATION REQUEST.
- CONTRACTOR SHALL CONFIRM WITH UTILITY OWNER THE STATUS (ACTIVE OR ABANDONED) OF ALL UTILITIES WITHIN THE PROJECT AREA. ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN MAY EXIST WITHIN THE LIMITS OF WORK, PARTICULARLY UTILITIES WITHIN THE LIMITS OF OR SERVING THE FORMER WYNNHAVEN MOBILE HOME PARK. APPROXIMATE LIMITS OF THE FORMER WYNNHAVEN MOBILE HOME PARK ARE SHOWN ON DRAWING C-010. IF ADDITIONAL UTILITIES REQUIRING REMOVAL ARE ENCOUNTERED, CONTRACTOR TO DETERMINE UTILITY OWNER AND COORDINATE WITH UTILITY OWNER FOR DECOMMISSIONING AND REMOVAL. CONTRACTOR TO COMPLETE REMOVALS AT UTILITY OWNER'S DIRECTION, OR, IF UTILITY OWNER ELECTS TO SELF-PERFORM REMOVAL WORK, SHALL BEAR ALL COSTS FOR REMOVAL BY UTILITY OWNER.
- PROTECT ALL UTILITIES AND APPURTENANCES TO REMAIN.
- CONTRACTOR TO REMOVE ALL MISCELLANEOUS DEBRIS WITHIN AREAS NOTED IN KEY NOTE 3 AND KEY NOTE 4 ON DRAWING C-010. ADDITIONAL MISCELLANEOUS DEBRIS MAY EXIST OUTSIDE OF THESE LIMITS SHOWN AND REMOVAL WILL BE HANDLED UNDER COST PROPOSAL B AS NECESSARY.

LEGEND:

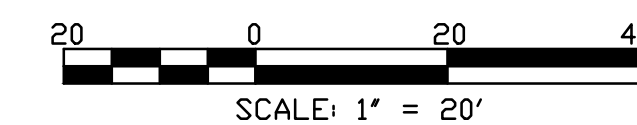
- EXISTING ITEMS
- - - LIMITS OF WORK
- - - - PROPERTY/RIGHT-OF-WAY LINE

KEY NOTES:

- REMOVE CONCRETE DRIVEWAY APRON INCLUDING ASSOCIATED DEPRESSED CURB & GUTTER AND PREVIOUS PAVEMENT PATCH. REPLACE DEPRESSED CURB AND GUTTER WITH FULL HEIGHT CURB & GUTTER PER DETAIL 5 ON DRAWING CP-502.



KEY MAP



Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL DEMOLITION PLAN

Designed by: MLM
Checked by: PMS
Drawn by: MLM
Reviewed by: EPC
Date: MAY 2024
Scale: AS SHOWN

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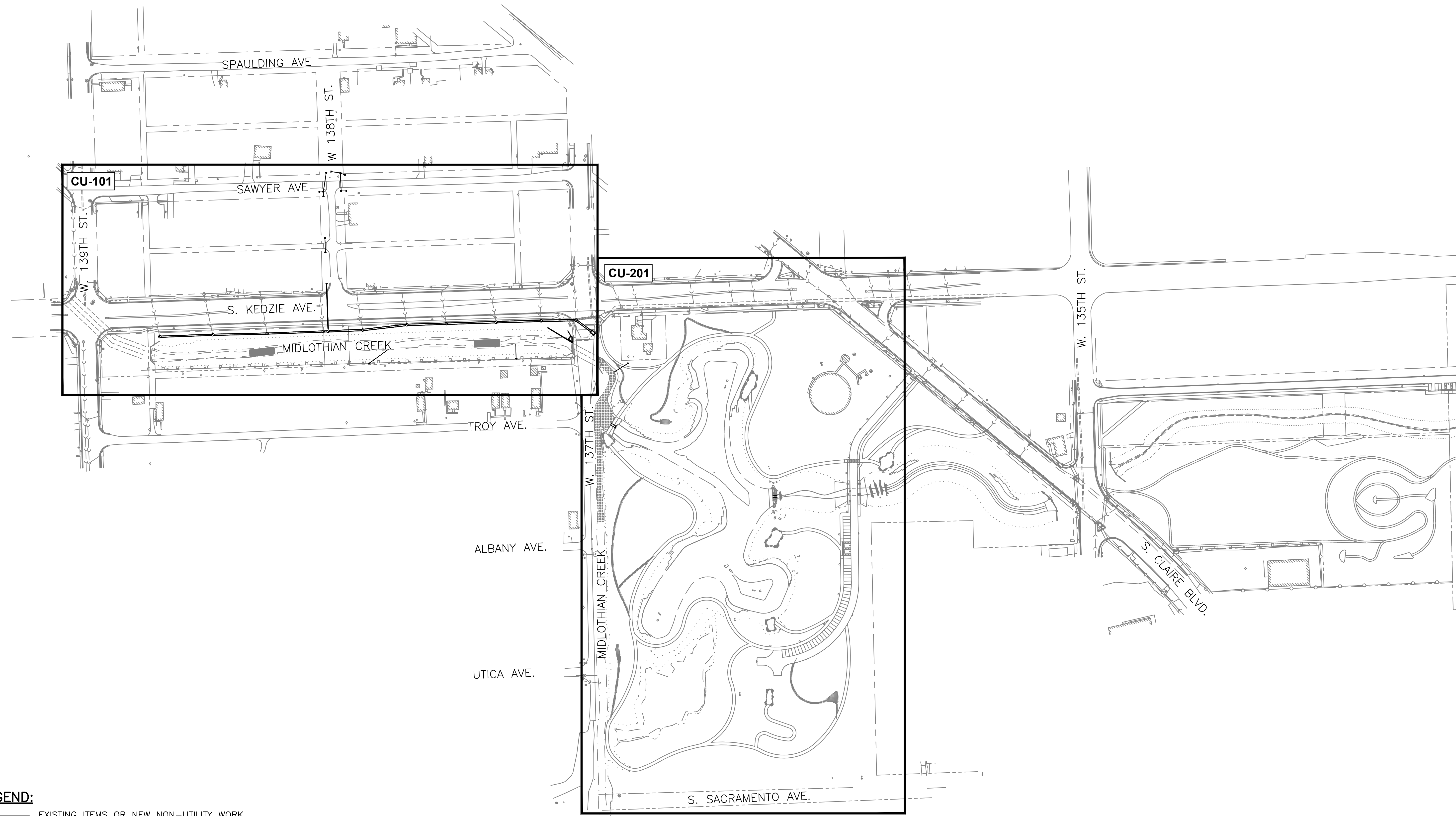
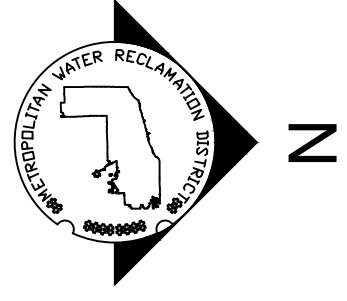
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ACCURATE
ENGINEERS

ZIM
CORPORATION
ENGINEERS

OBIA
OVERBEN & ASSOCIATES, INC.
CONSULTING ENGINEERS

Sheet Number:
CD-211

Page Number: 43



LEGEND:

- EXISTING ITEMS OR NEW NON-UTILITY WORK
- NEW UTILITY WORK

UTILITY KEY PLAN
SCALE = NTS

NOT TO SCALE

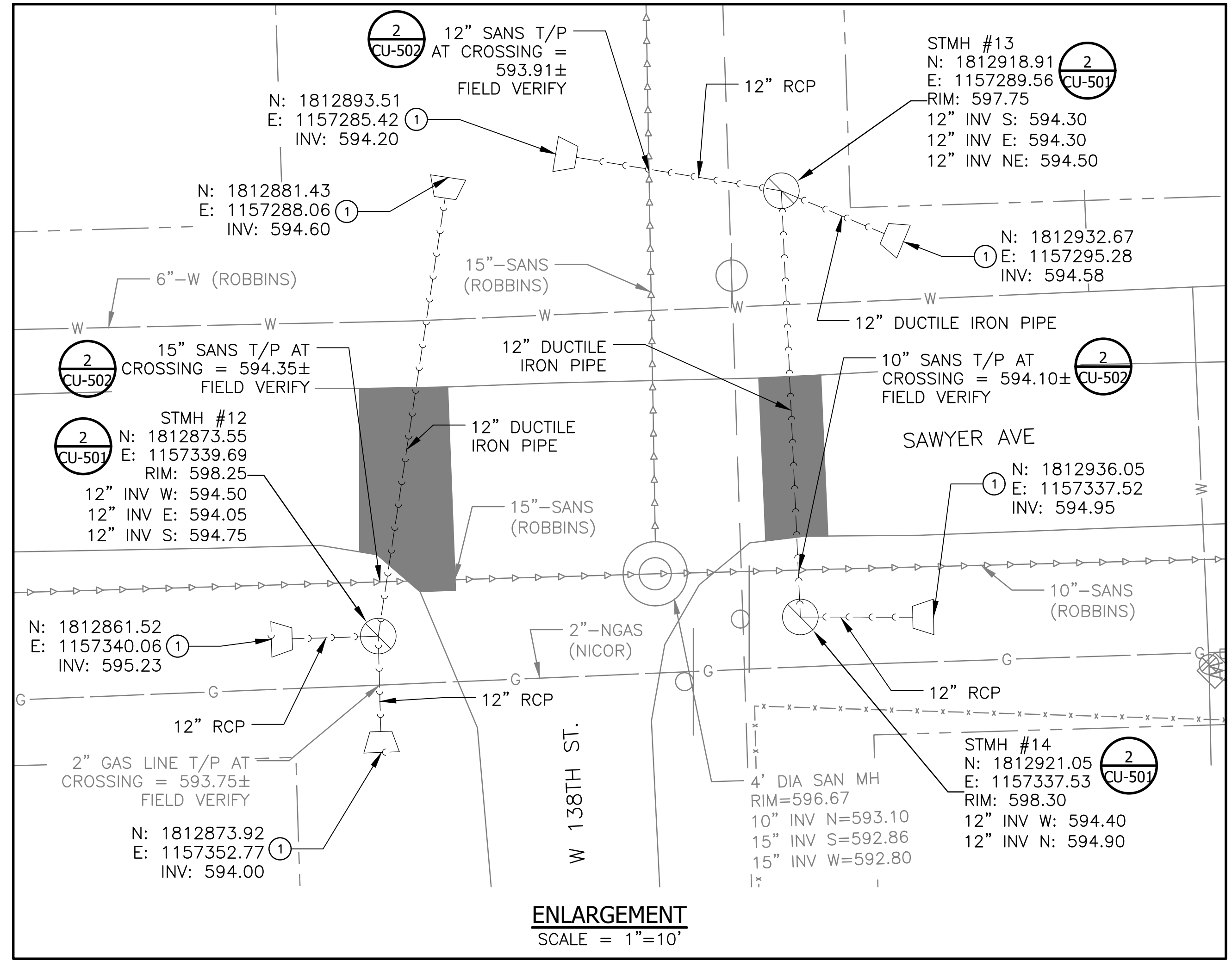
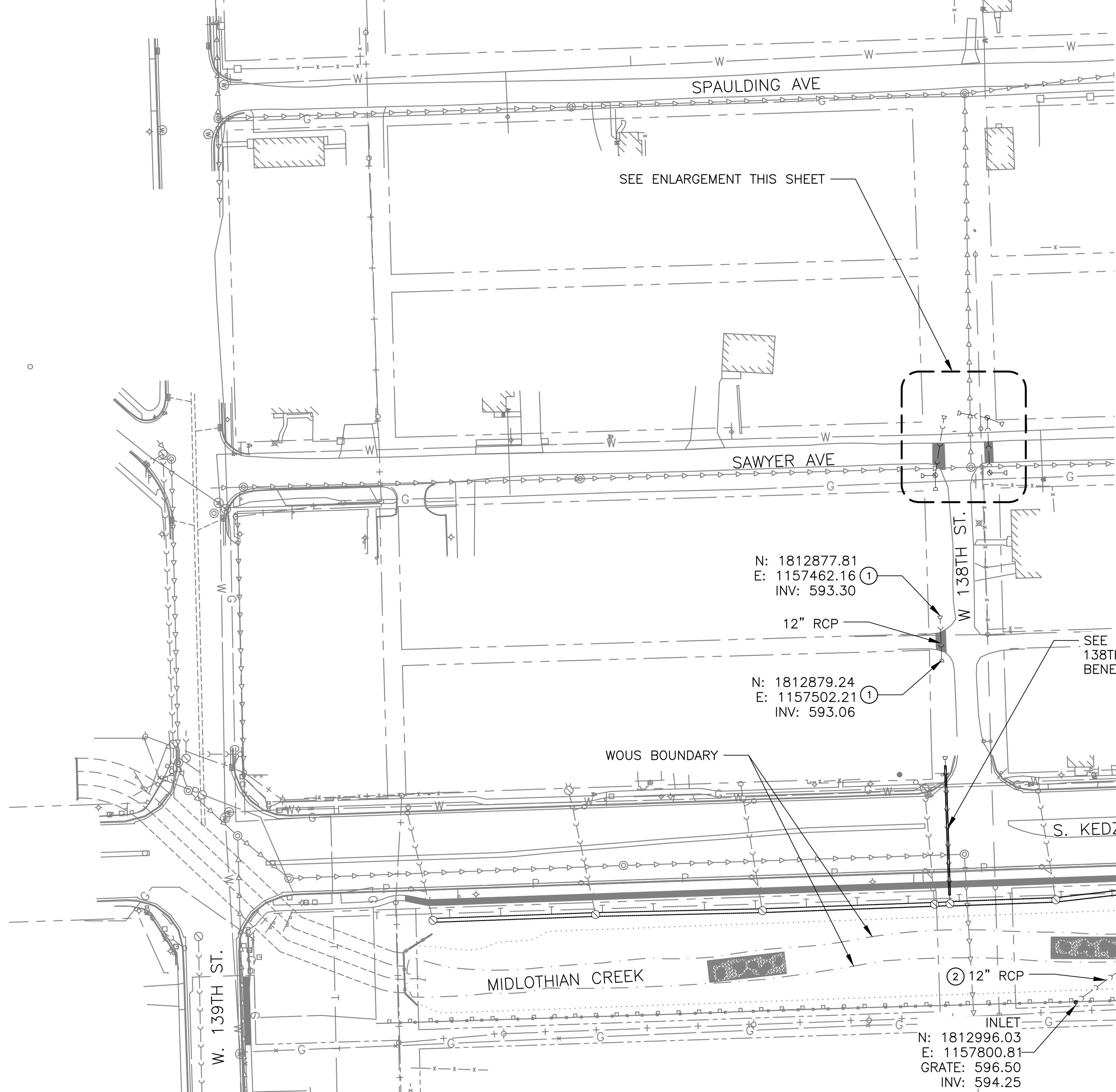
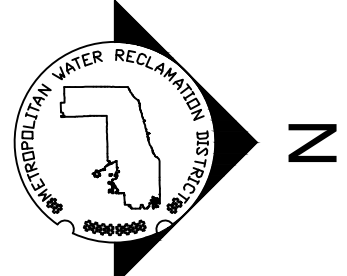
**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED


Sheet Number:
CU-001
Page Number: 44


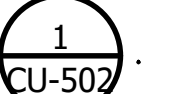
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Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

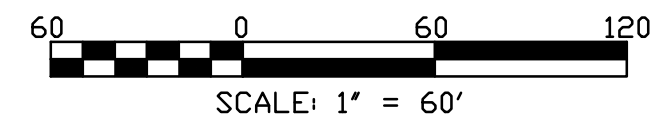
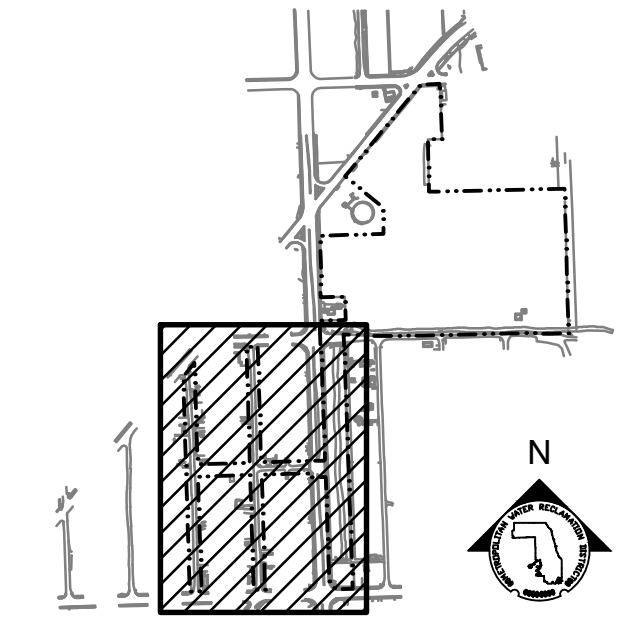


LEGEND:
— EXISTING ITEMS OR NEW NON-UTILITY WORK
— NEW UTILITY WORK
--- WATERS OF THE UNITED STATES (WOUS) BOUNDARY

GENERAL NOTES:
1. UTILITY LOCATIONS SHOWN IN PLAN AND PROFILE ARE ESTIMATED BASED ON AVAILABLE INFORMATION. CONTRACTOR TO DETERMINE EXACT LOCATION OF CROSSING UTILITIES.
2. INSTALL CULVERTS AND STORM SEWER PIPE PER 

KEY NOTES:
1. PROVIDE REINFORCED CONCRETE FLARED END SECTION PER IDOT STANDARD 542301-03 AND 
2. PROVIDE INLET AND CULVERT ASSEMBLY PER 

PARTIAL UTILITY PLAN
SCALE = 1"=60'



Rev.	Description	Appr.	Date
	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Contract: 14-253-5FR
Project: FLOOD CONTROL PROJECT ON MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
Watershed: LITTLE CALUMET RIVER WATERSHED

PARTIAL UTILITY PLAN

Designed by:	MLM	Checked by:	PMS
Drawn by:	MLM	Reviewed by:	EPC
Date:	MAY 2024	Scale:	AS SHOWN

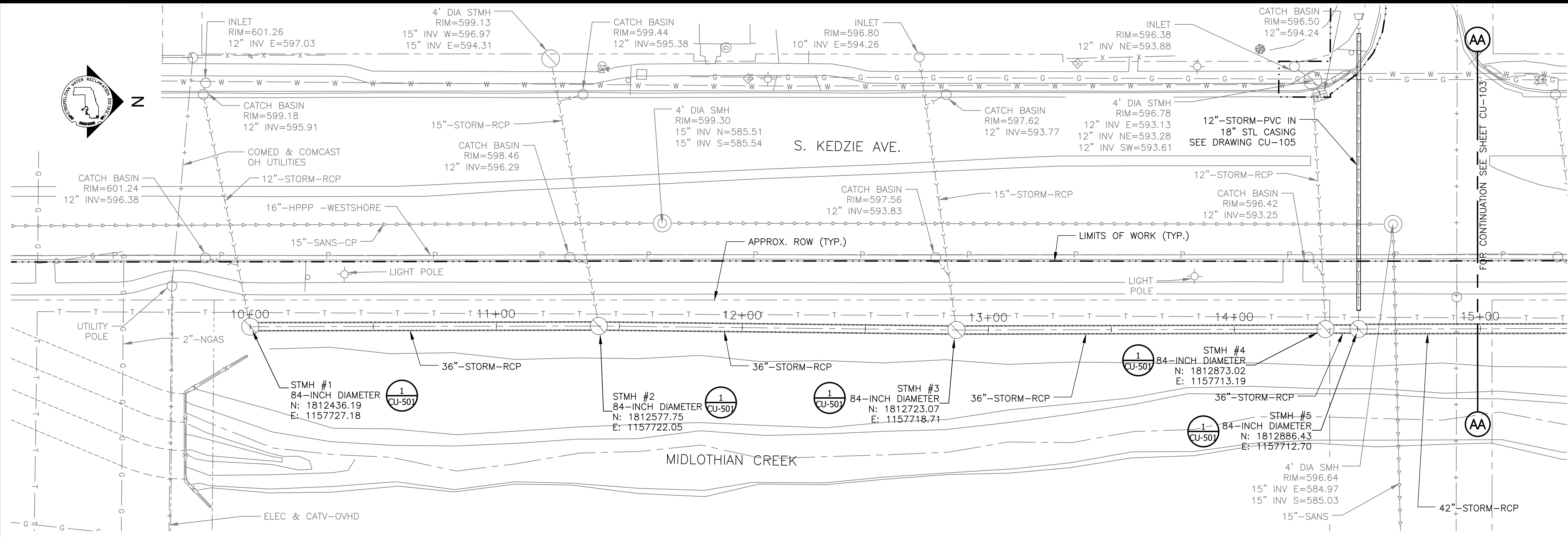
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LIVING HABITATS

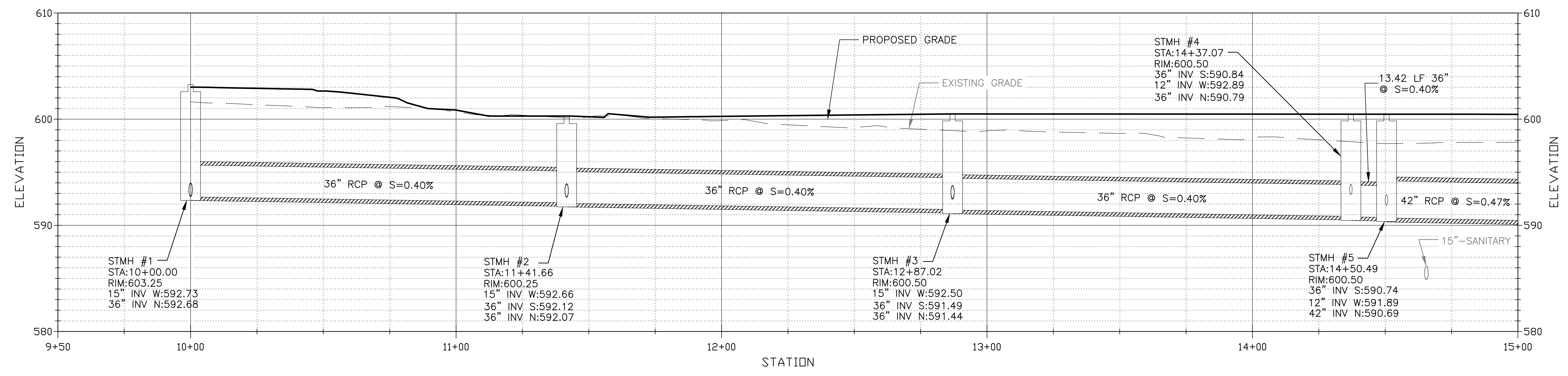
CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

PARTIAL UTILITY PLAN

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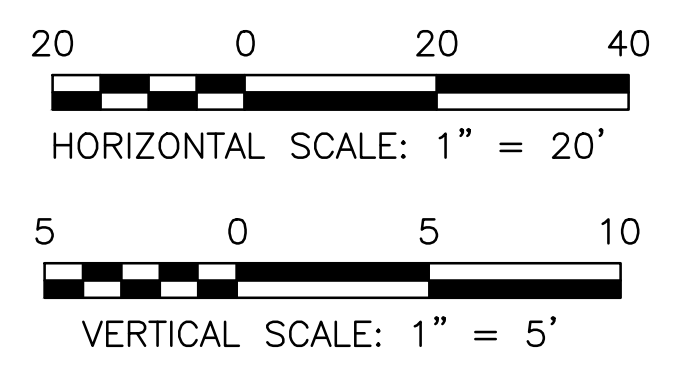
KEDZIE STORM SEWER PLAN
 SCALE = 1"=20'



KEDZIE STORM SEWER PROFILE
 HORIZONTAL SCALE = 1"=20'
 VERTICAL SCALE = 1"=5'

GENERAL NOTES:

- UTILITY LOCATIONS SHOWN IN PLAN AND PROFILE ARE ESTIMATED BASED ON AVAILABLE INFORMATION. CONTRACTOR TO DETERMINE EXACT LOCATION OF CROSSING UTILITIES AND UNDERGROUND TELEPHONE LINE ALONG STORM SEWER ALIGNMENT.
- INSTALL STORM SEWER PIPE PER $\frac{3}{\text{CU-501}}$.
- CONNECT EXISTING STORM SEWER LATERALS TO PROPOSED MANHOLES. EXISTING INVERT ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY AND MATCH EXISTING INVERTS AT PROPOSED MANHOLES.



Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: PMS
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 Date: MAY 2024

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 Reviewed by: EPC
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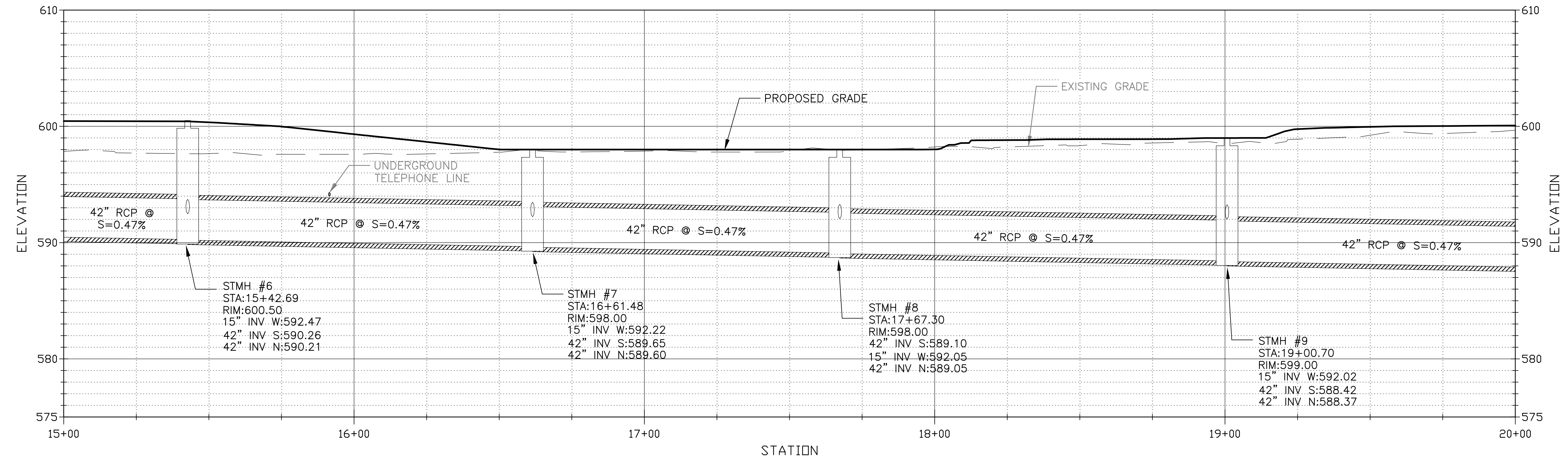
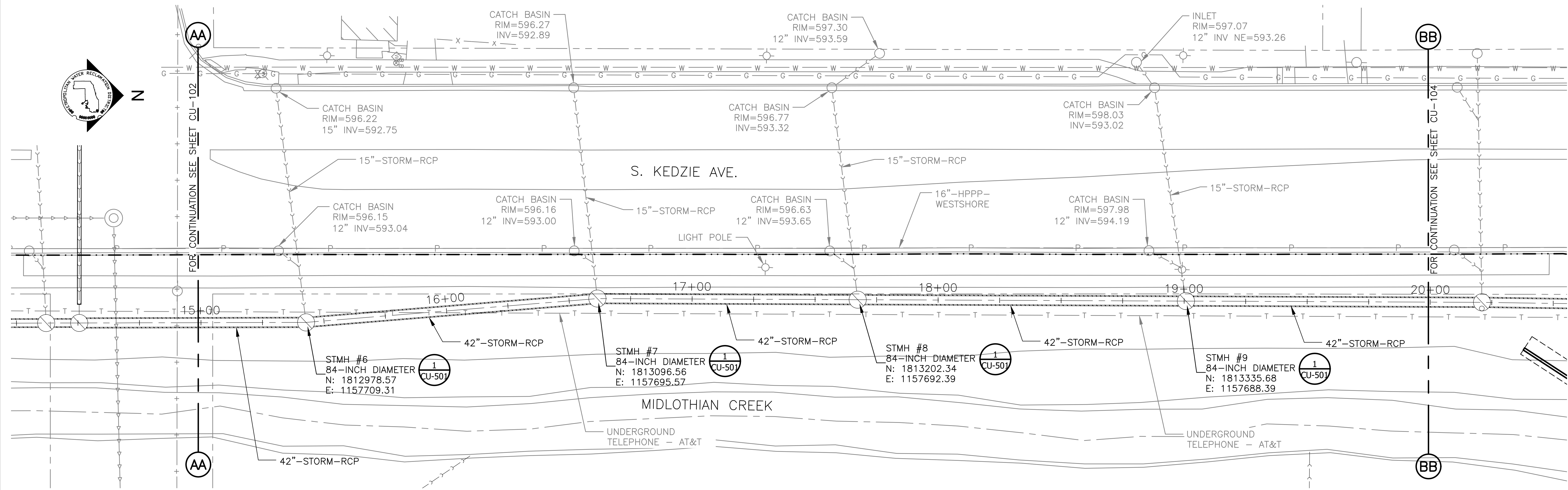
DONOHUE
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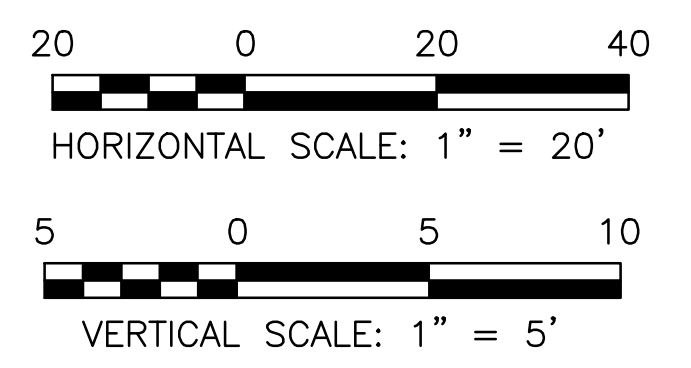
CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED
KEDZIE STORM SEWER
 PLAN AND PROFILE

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GENERAL NOTES:

- UTILITY LOCATIONS SHOWN IN PLAN AND PROFILE ARE ESTIMATED BASED ON AVAILABLE INFORMATION. CONTRACTOR TO DETERMINE EXACT LOCATION OF CROSSING UTILITIES AND UNDERGROUND TELEPHONE LINE ALONG STORM SEWER ALIGNMENT.
- INSTALL STORM SEWER PIPE PER .
- CONNECT EXISTING STORM SEWER LATERALS TO PROPOSED MANHOLES. EXISTING INVERT ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY AND MATCH EXISTING INVERTS AT PROPOSED MANHOLES.



Rev.	Description	Appr.	Date
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

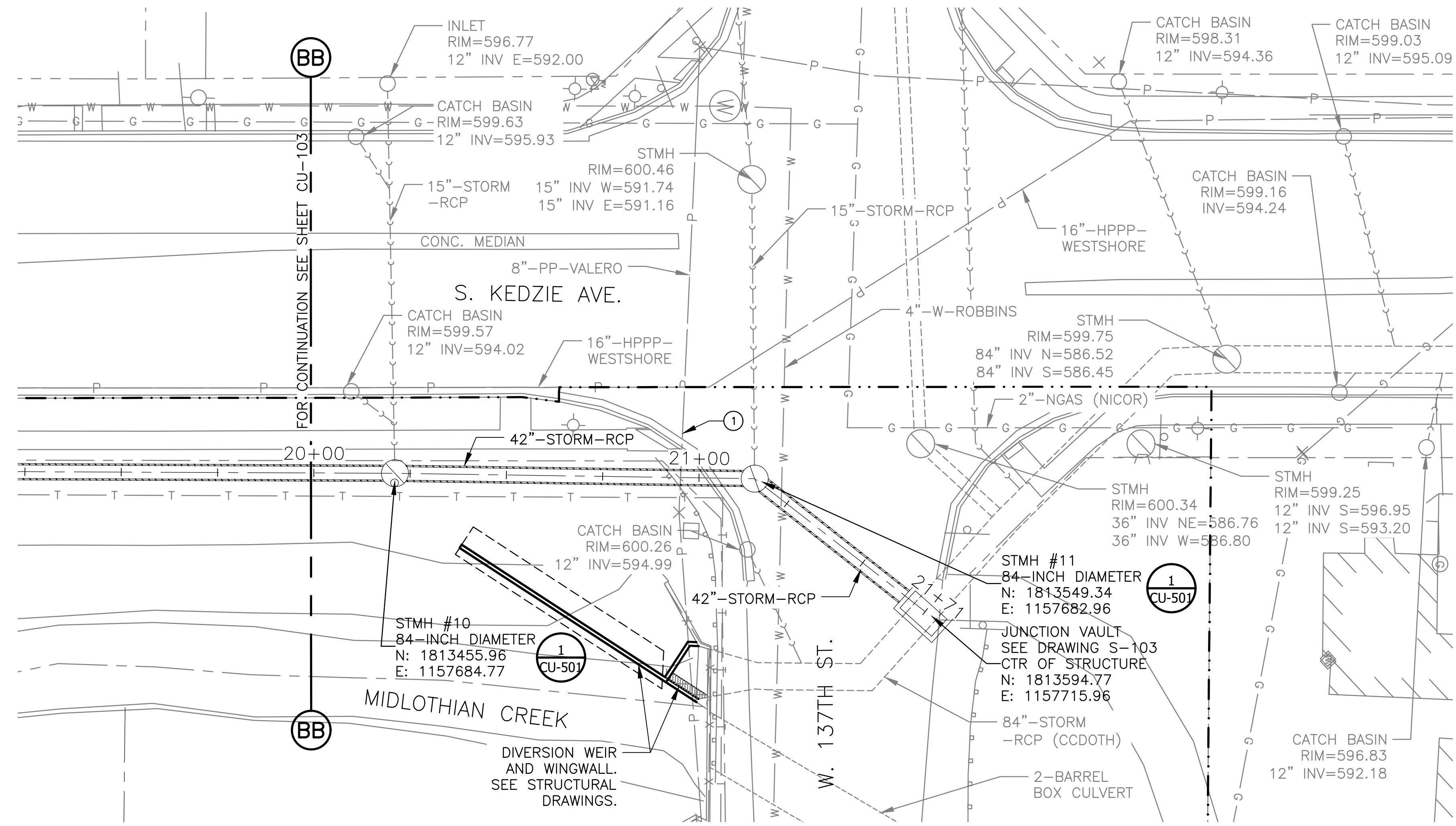
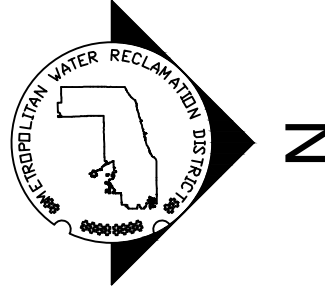
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 Date: MAY 2024

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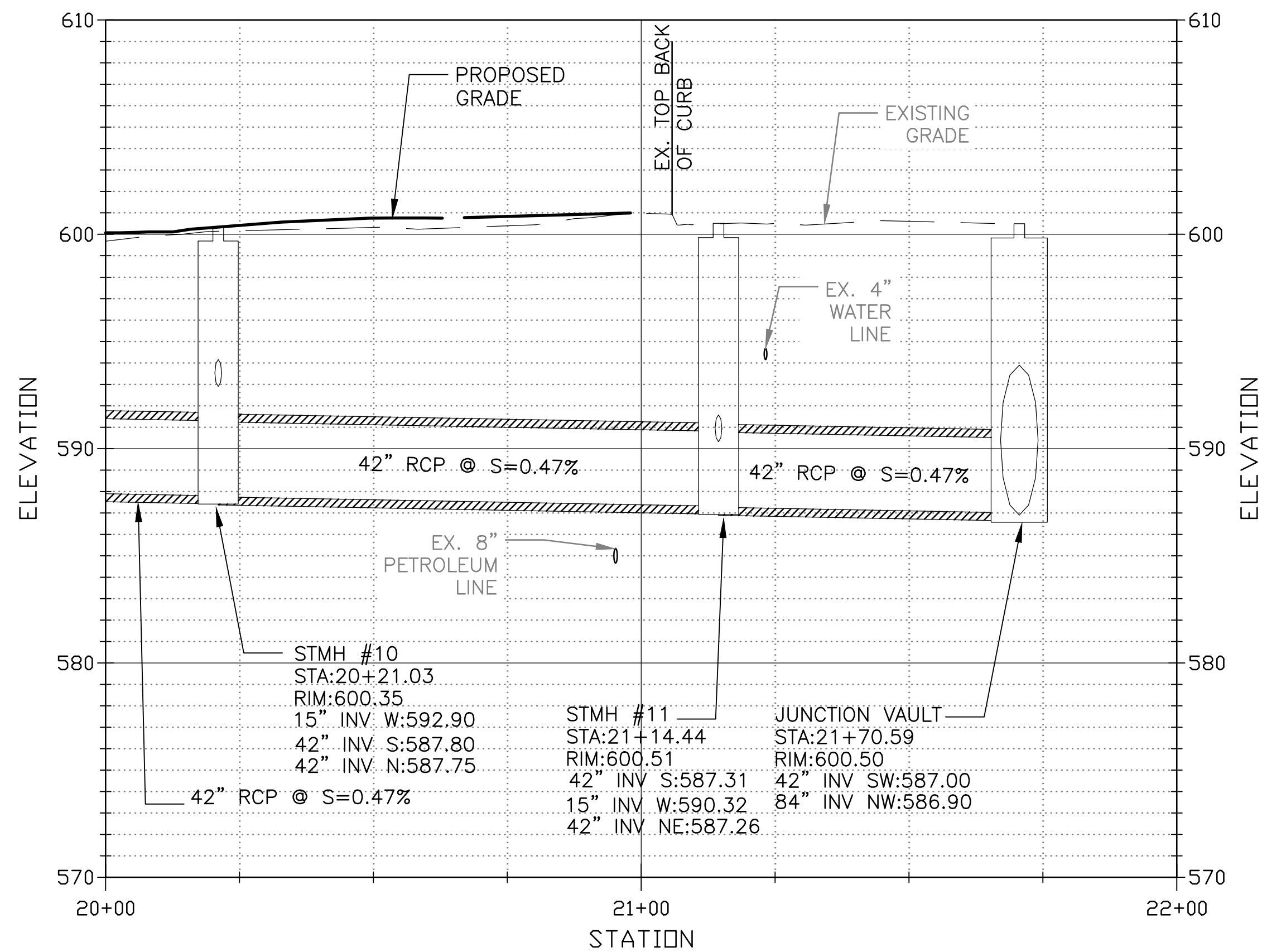
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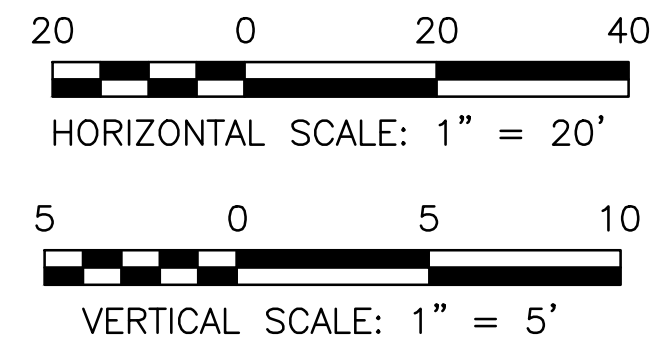
CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED
**KEDZIE STORM SEWER
 PLAN AND PROFILE**



KEDZIE STORM SEWER PLAN
SCALE = 1"=20'



KEDZIE STORM SEWER PROFILE
HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=5'



GENERAL NOTES:

- UTILITY LOCATIONS SHOWN IN PLAN AND PROFILE ARE ESTIMATED BASED ON AVAILABLE INFORMATION. CONTRACTOR TO DETERMINE EXACT LOCATION OF CROSSING UTILITIES, EXISTING 84-INCH DIAMETER STORM SEWER, AND UNDERGROUND TELEPHONE LINE ALONG STORM SEWER ALIGNMENT.
- INSTALL STORM SEWER PIPE PER **3** CU-501.
- CONNECT EXISTING STORM SEWER LATERALS TO PROPOSED MANHOLES. EXISTING INVERT ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY AND MATCH EXISTING INVERTS AT PROPOSED MANHOLES.

KEY NOTES:

- STORM SEWER TRENCH SHALL BE EXCAVATED USING HYDROEXCAVATION WITHIN 2 FEET OF EXISTING 8-INCH VALERO PETROLEUM PIPELINE. WATCH-AND-PROTECT IS REQUIRED FOR EXCAVATION WITHIN 25 FEET OF PETROLEUM PIPELINE.

Rev.	Description	Appr.	Date
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

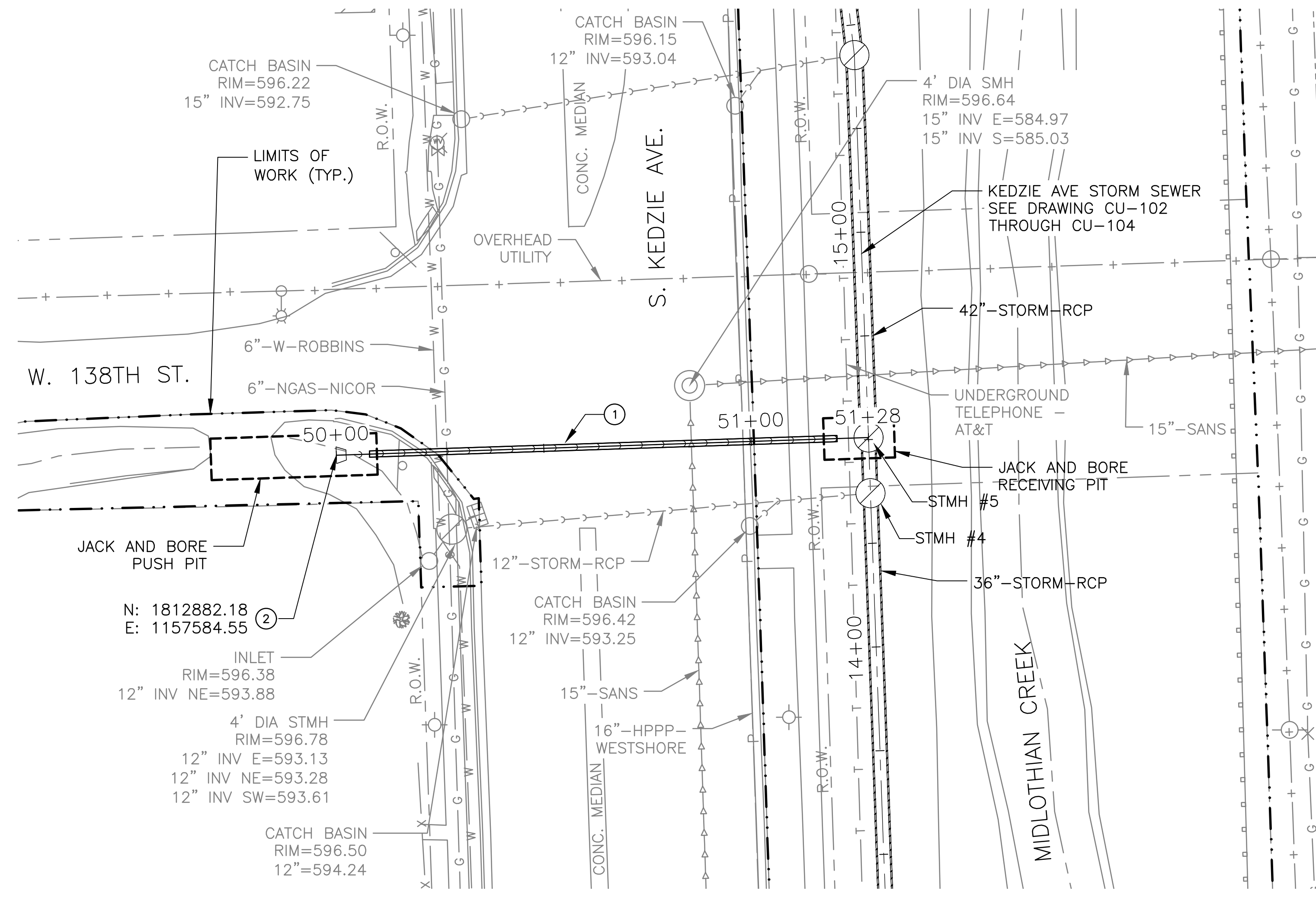
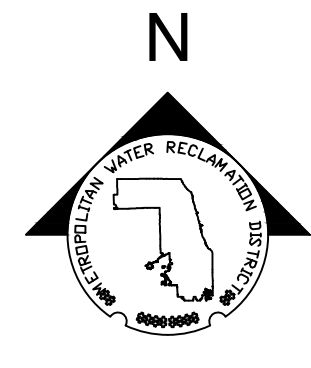
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CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED
KEDZIE STORM SEWER
PLAN AND PROFILE



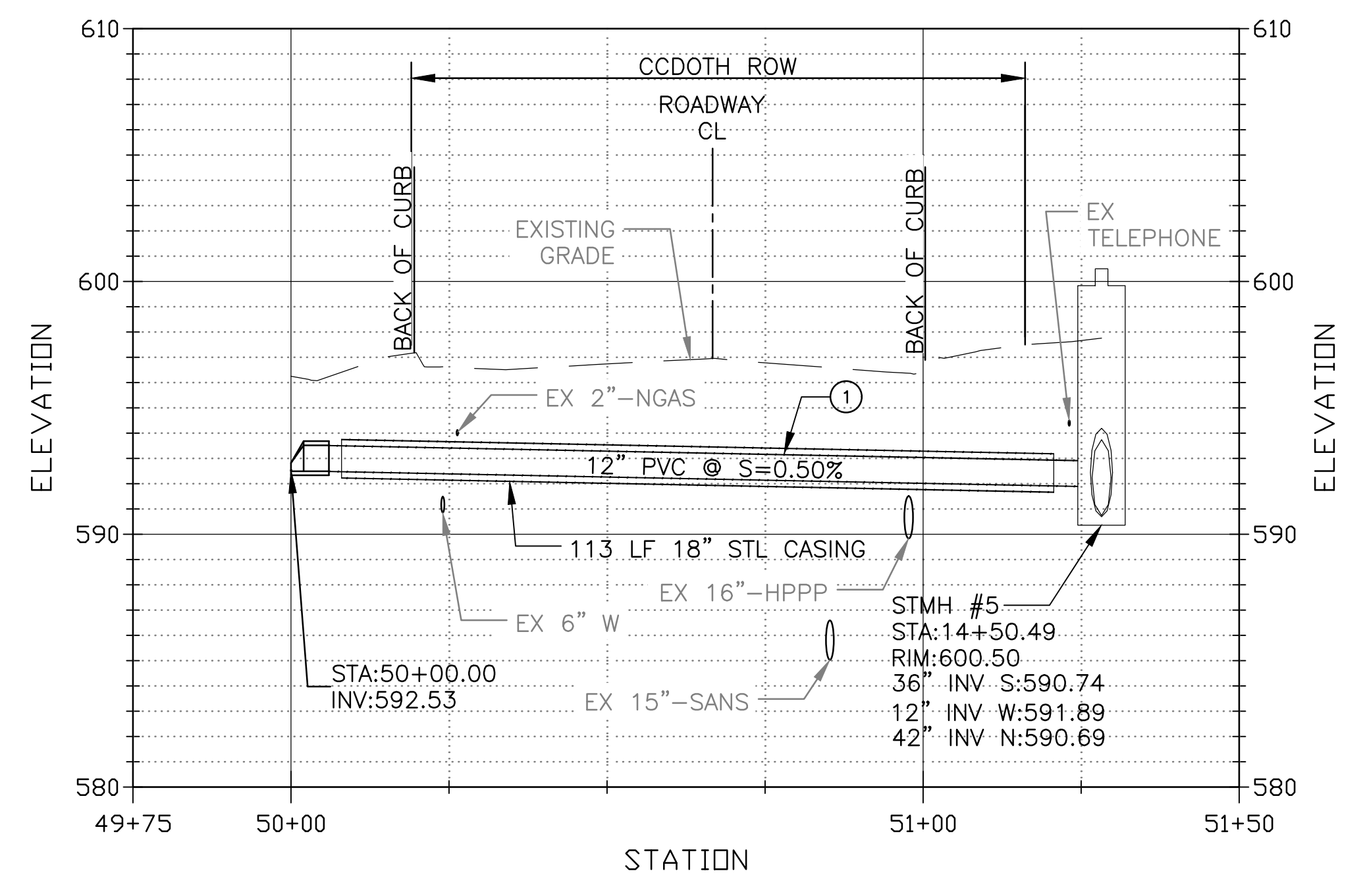
138TH ST STORM SEWER PLAN
SCALE = 1"=20'

GENERAL NOTES:

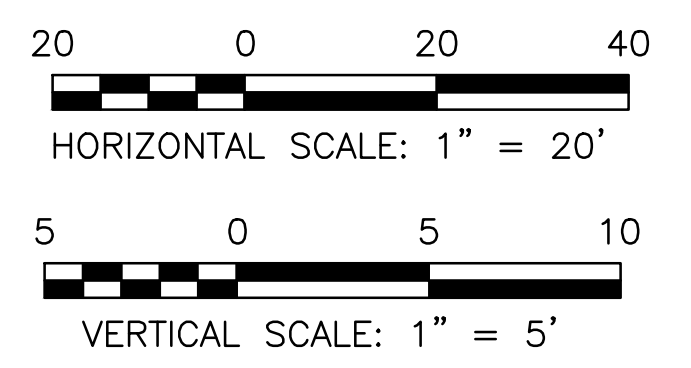
- UTILITY LOCATIONS SHOWN IN PLAN AND PROFILE ARE ESTIMATED BASED ON AVAILABLE INFORMATION. CONTRACTOR TO DETERMINE EXACT LOCATION OF CROSSING UTILITIES.

KEY NOTES:

- INSTALL 12" DIAMETER PVC STORM SEWER IN 18" DIAMETER STEEL CASING. STEEL CASING TO BE INSTALLED BY JACK AND BORE METHOD. WITHIN LIMITS OF JACKING PITS, PROVIDE PIPE BEDDING AND BACKFILL PER DETAIL 3 ON DRAWING CU-501. IDOT GRADATION FA-06 BACKFILL REQUIRED FOR EXCAVATIONS WITHIN CCDOTH RIGHT-OF-WAY.
- PROVIDE PRECAST CONCRETE FLARED END SECTION PER IDOT STANDARD 542301-03 AND DETAIL 3 ON DRAWING CU-502.



138TH ST STORM SEWER PROFILE
HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=5'



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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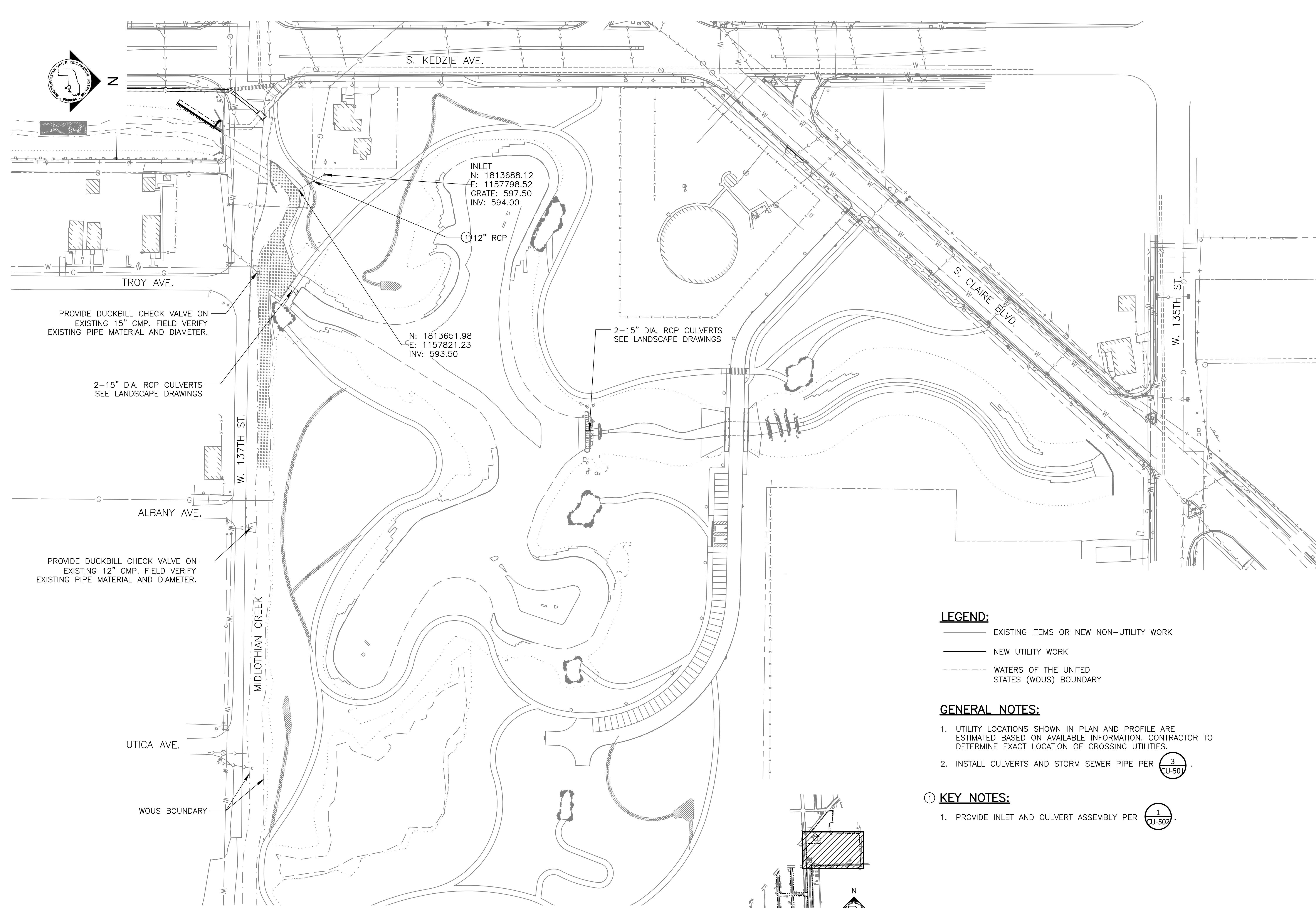
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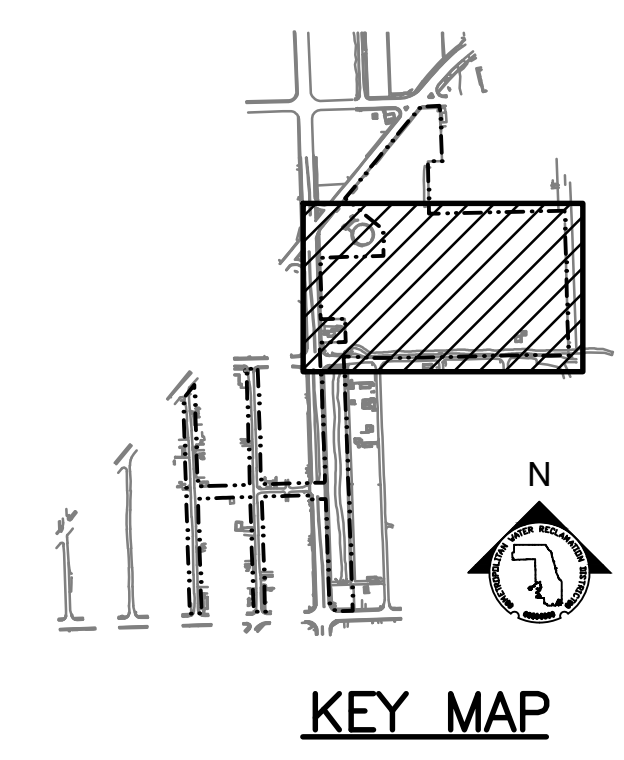
CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED
138TH ST STORM SEWER
PLAN AND PROFILE

Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024

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PARTIAL UTILITY PLAN
 SCALE = 1"=60'



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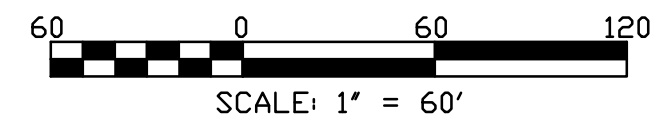
- EXISTING ITEMS OR NEW NON-UTILITY WORK
- NEW UTILITY WORK
- - - WATERS OF THE UNITED STATES (WOUS) BOUNDARY

GENERAL NOTES:

1. UTILITY LOCATIONS SHOWN IN PLAN AND PROFILE ARE ESTIMATED BASED ON AVAILABLE INFORMATION. CONTRACTOR TO DETERMINE EXACT LOCATION OF CROSSING UTILITIES.
2. INSTALL CULVERTS AND STORM SEWER PIPE PER .

KEY NOTES:

1. PROVIDE INLET AND CULVERT ASSEMBLY PER .



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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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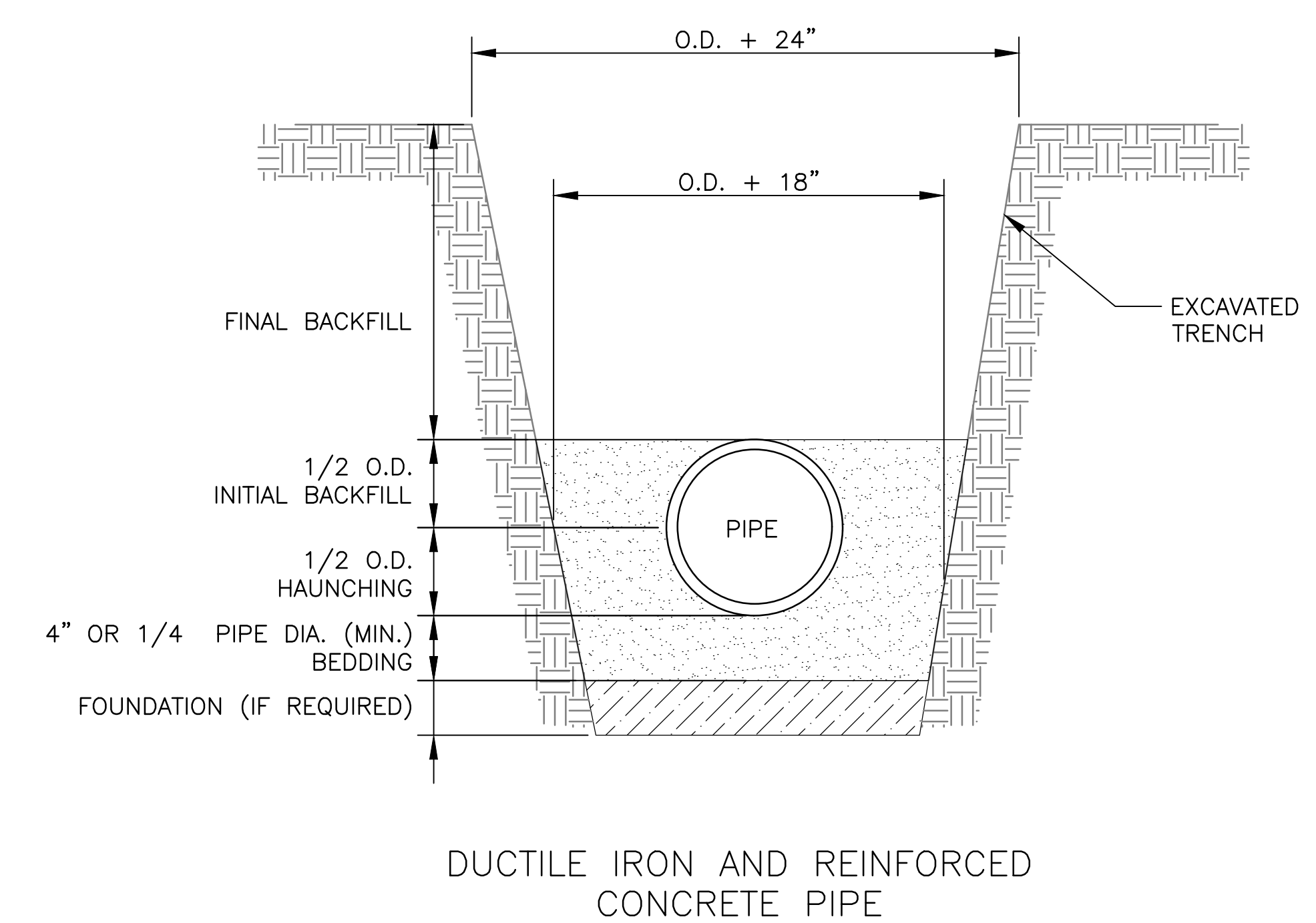
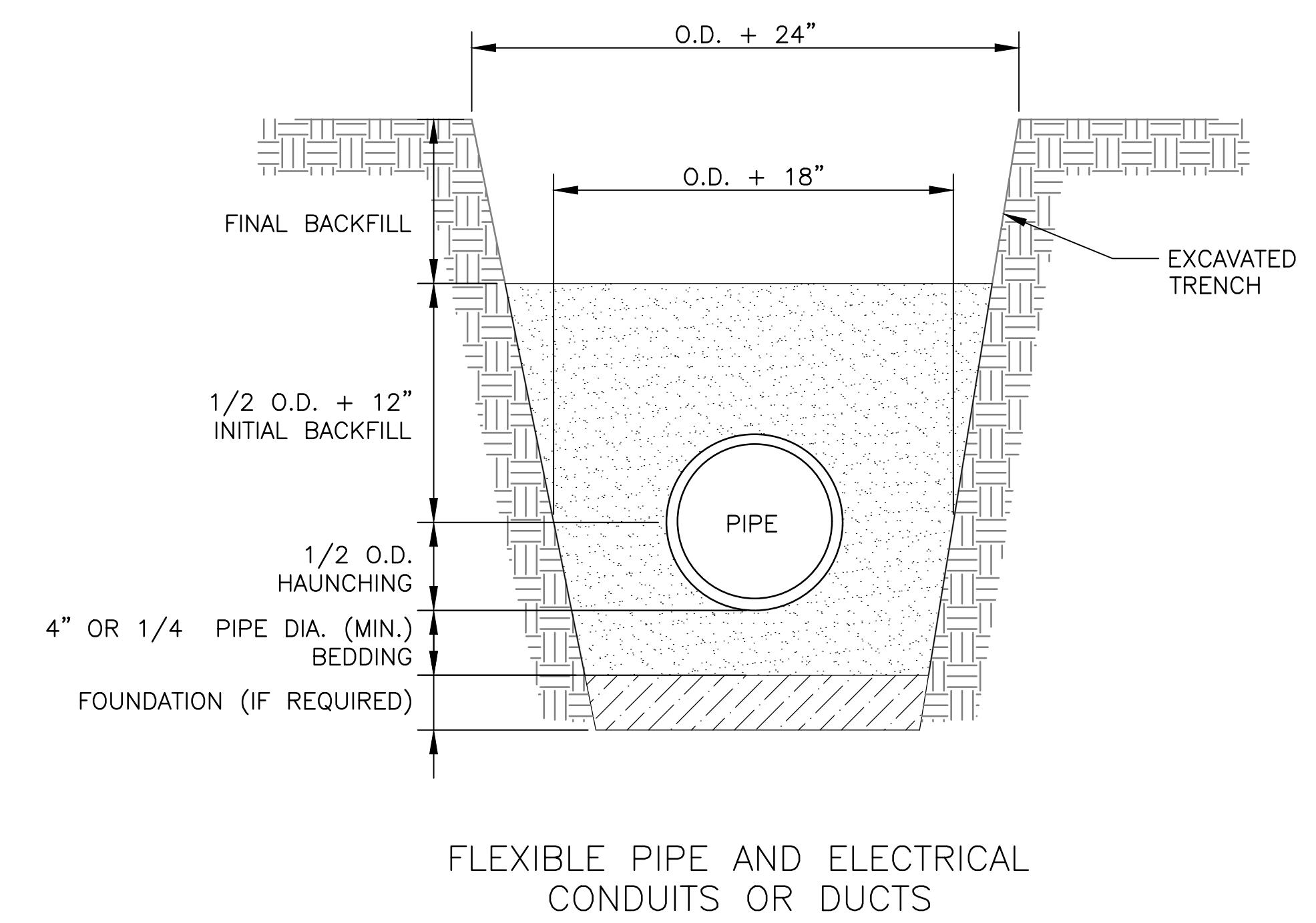
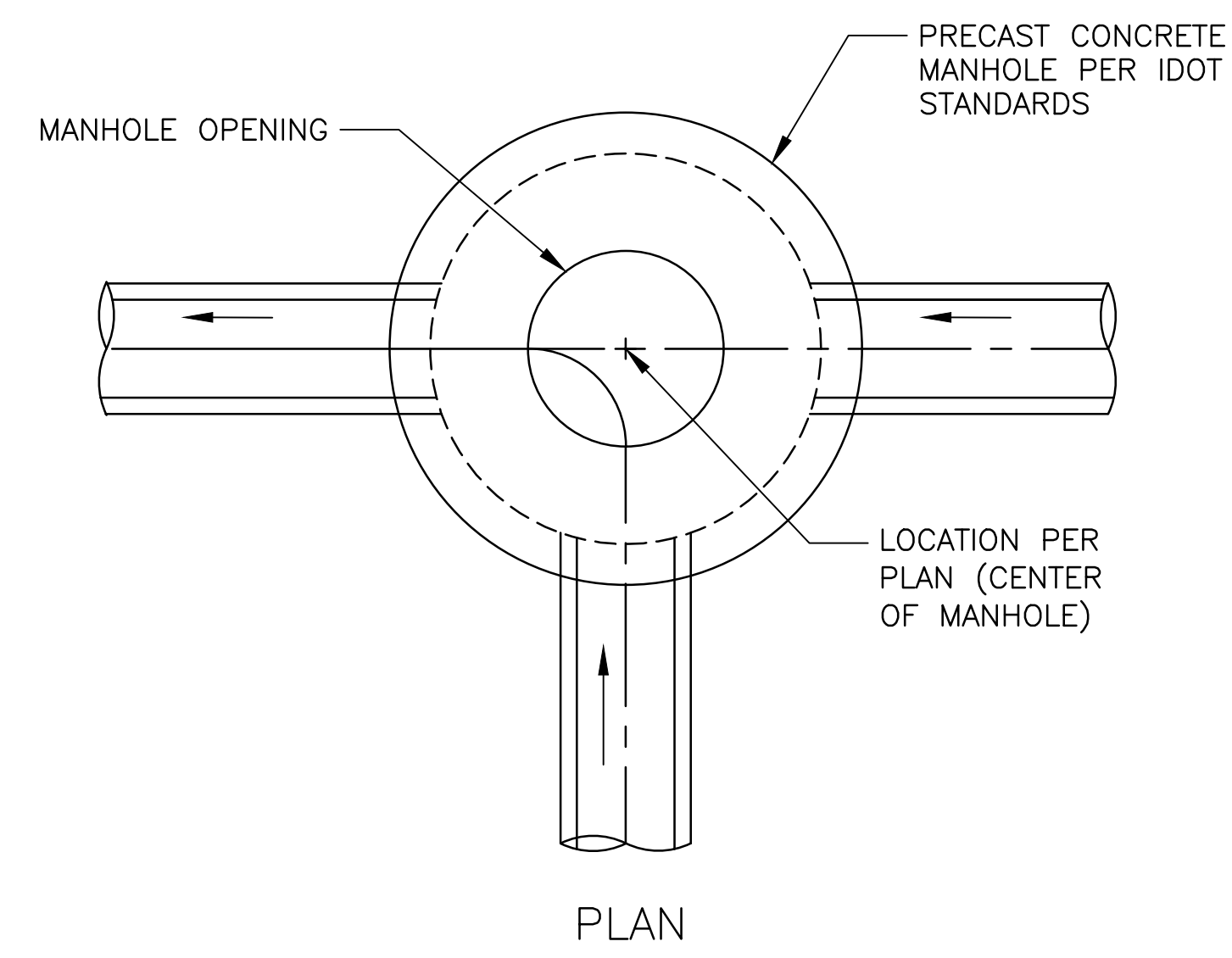
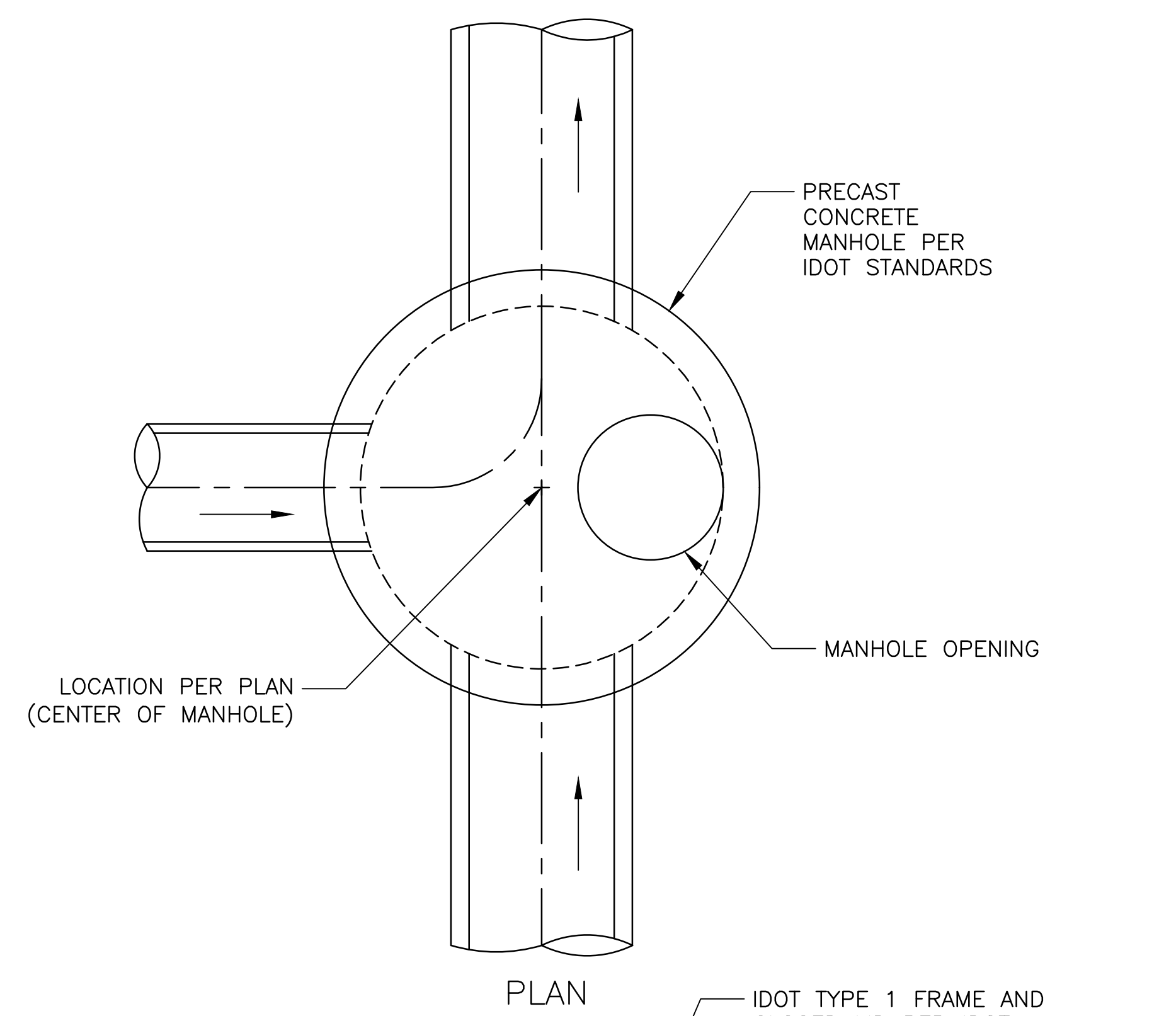
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 CONSULTING ENGINEERS

LIVING HABITATS

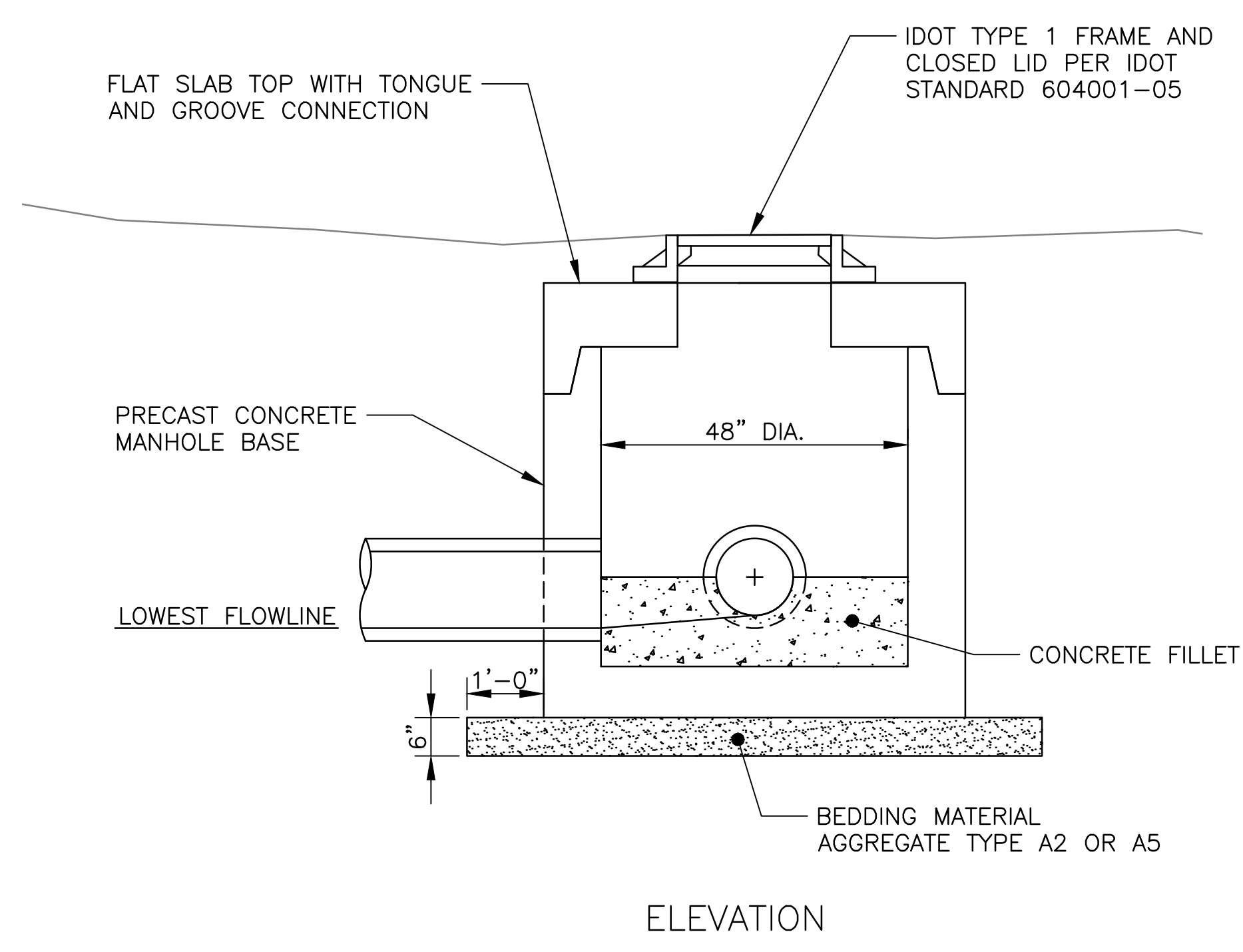
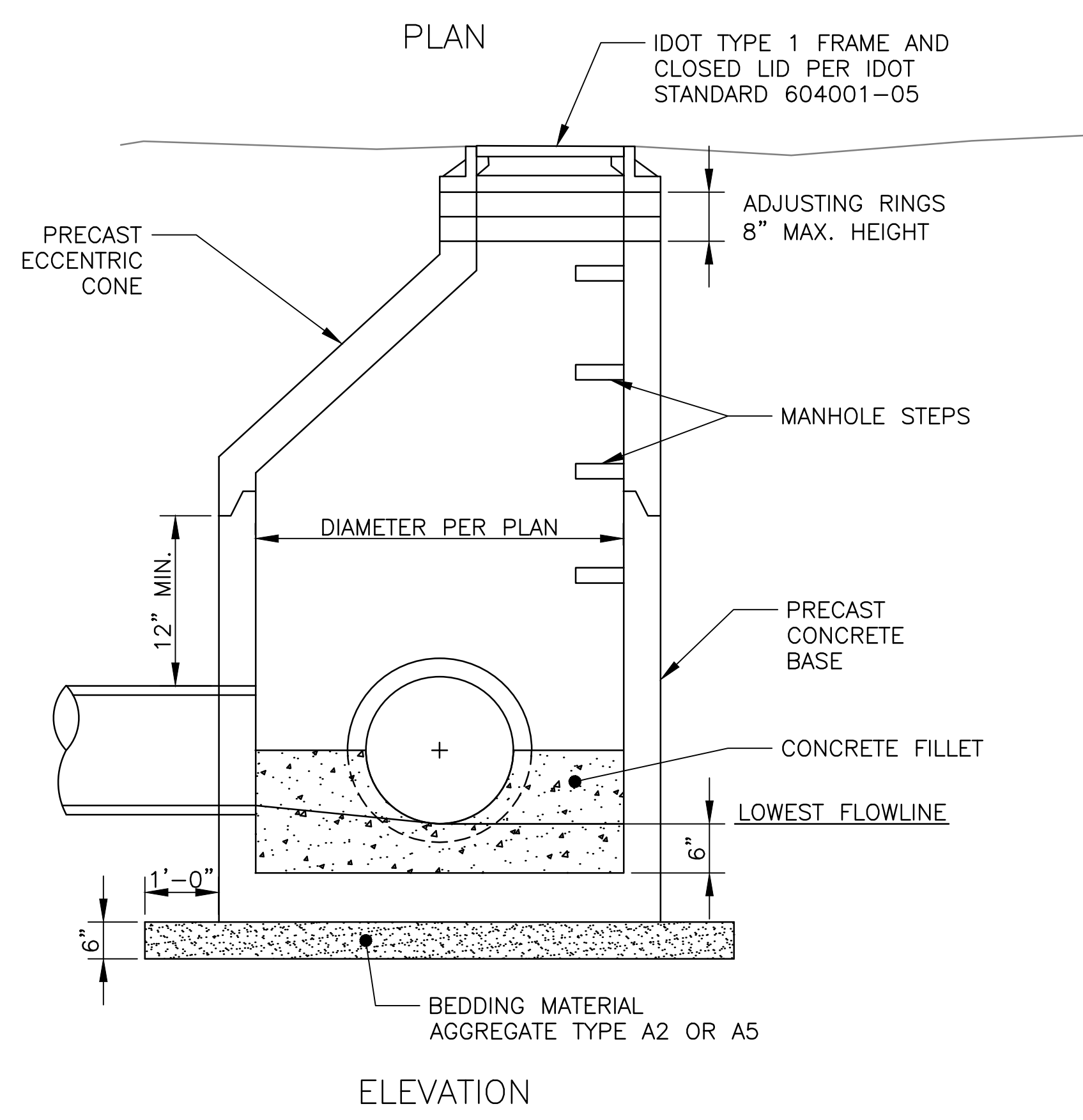
CONTRACT 14-253-5FR
 FLOOD CONTROL PROJECT ON
 MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
 LITTLE CALUMET RIVER WATERSHED

PARTIAL UTILITY PLAN

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CU-201
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NOTE: SEE BACKFILL SCHEDULE IN SPECIFICATION SECTION 31 23 16 FOR BACKFILL MATERIALS. IDOT GRADATION FA-06 IS REQUIRED FOR FINAL BACKFILL WITHIN CCDOH RIGHT-OF-WAY.



1 STORM MANHOLE
Scale: NTS
(CU-102, CU-103, CU-104)

2 SHALLOW STORM MANHOLE
Scale: NTS
(CU-101)

3 PIPE INSTALLATION
Scale: NTS

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

Sheet Number:
CU-501
Page Number: 51

Checked by: PMS
MLM
Designed by: MLM
MLM
Drawn by: EPC
MLM
Date: MAY 2024
Scale: AS SHOWN

Reviewed by: EPC
MLM

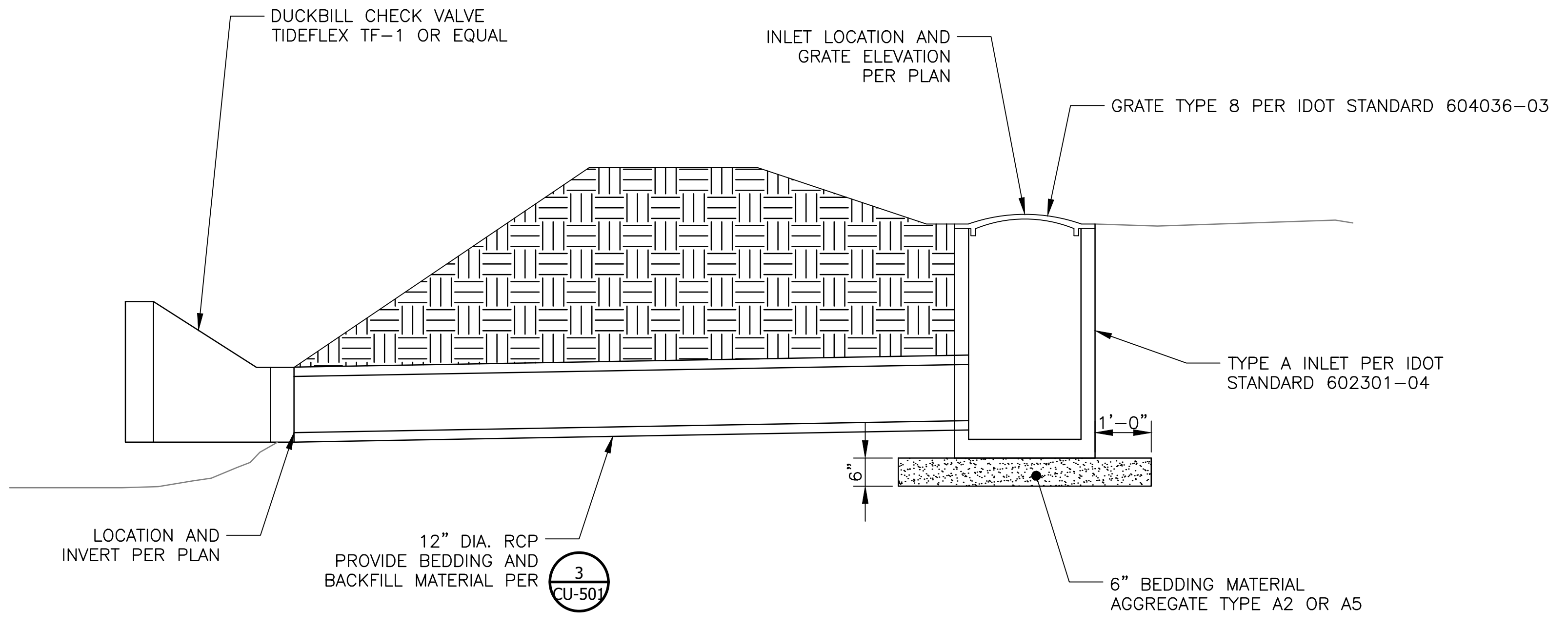
Accurate CONSULTING ENGINEERS

DONOHUE CONSULTANTS INC. CONSULTING ENGINEERS

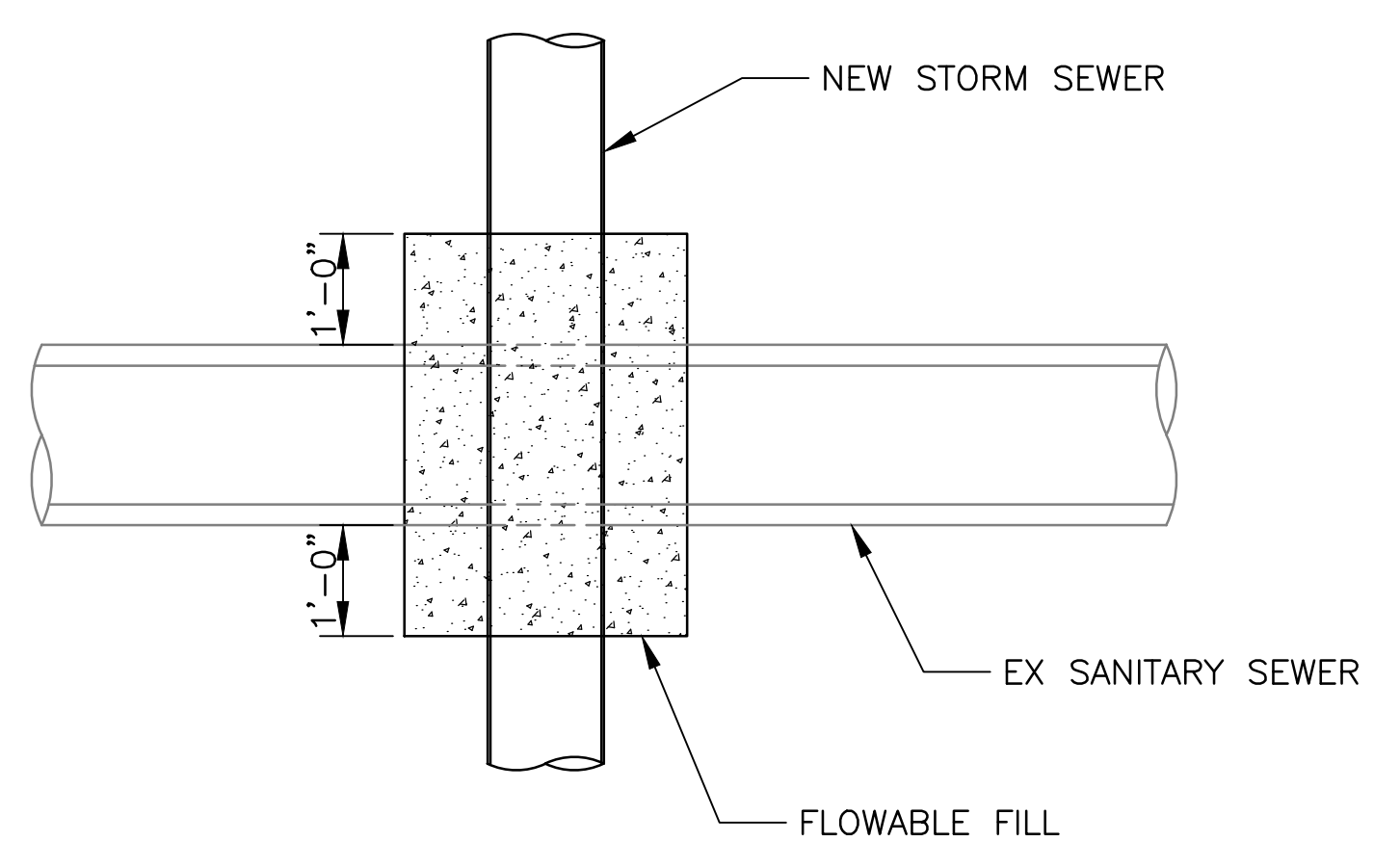
ZIM GROUP

LIVING HABITATS

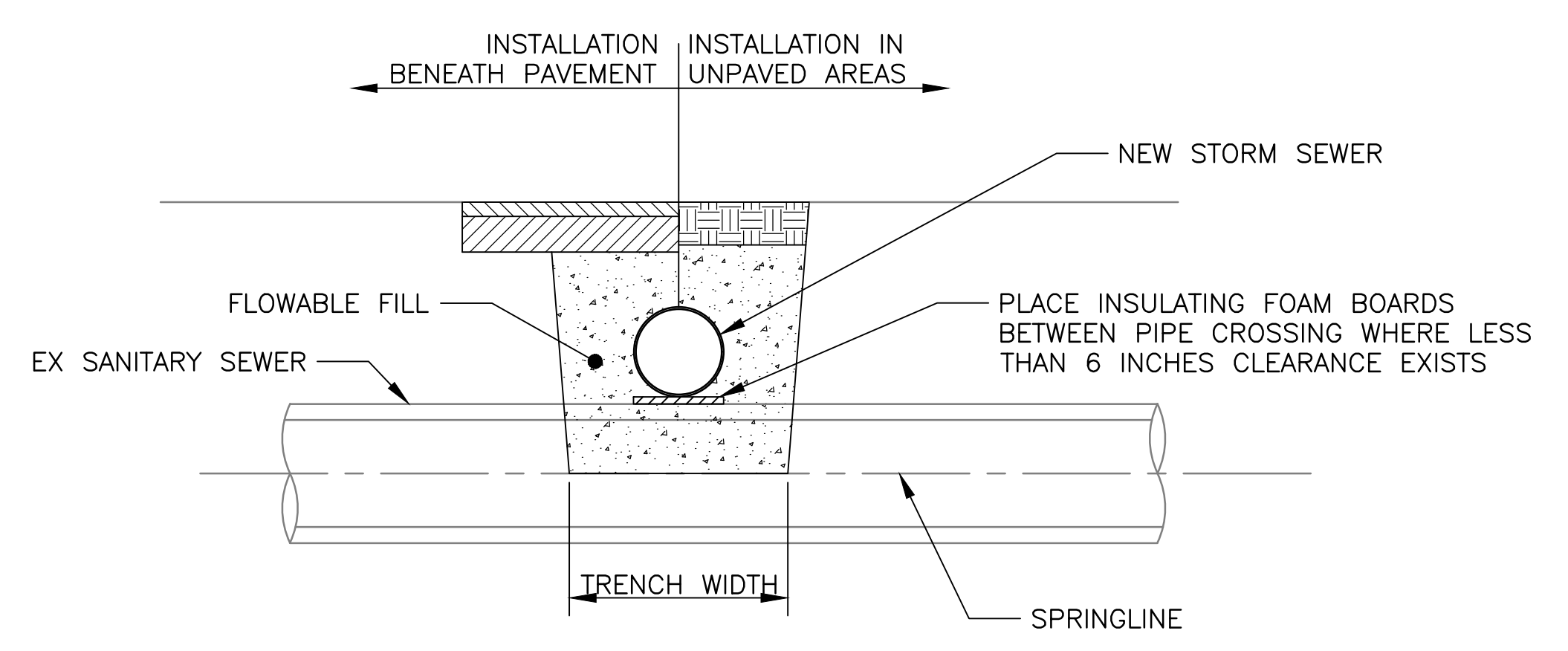
Rev.	Description	Appr.	Date
1	ISSUE FOR CONSTRUCTION	MLM	08/2024



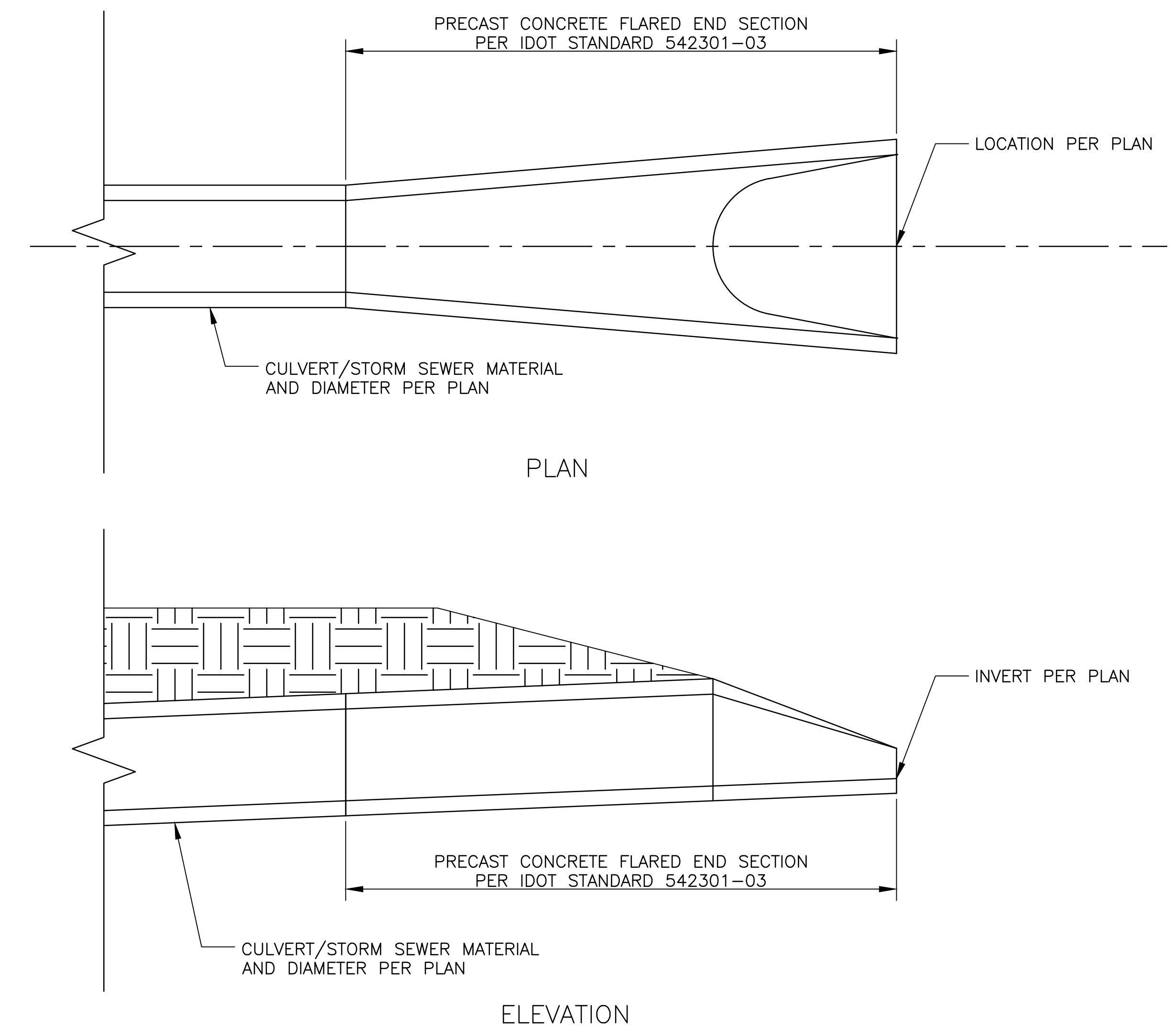
1 INLET AND CULVERT ASSEMBLY
Scale: NTS
(CU-101, CU-201)



PLAN

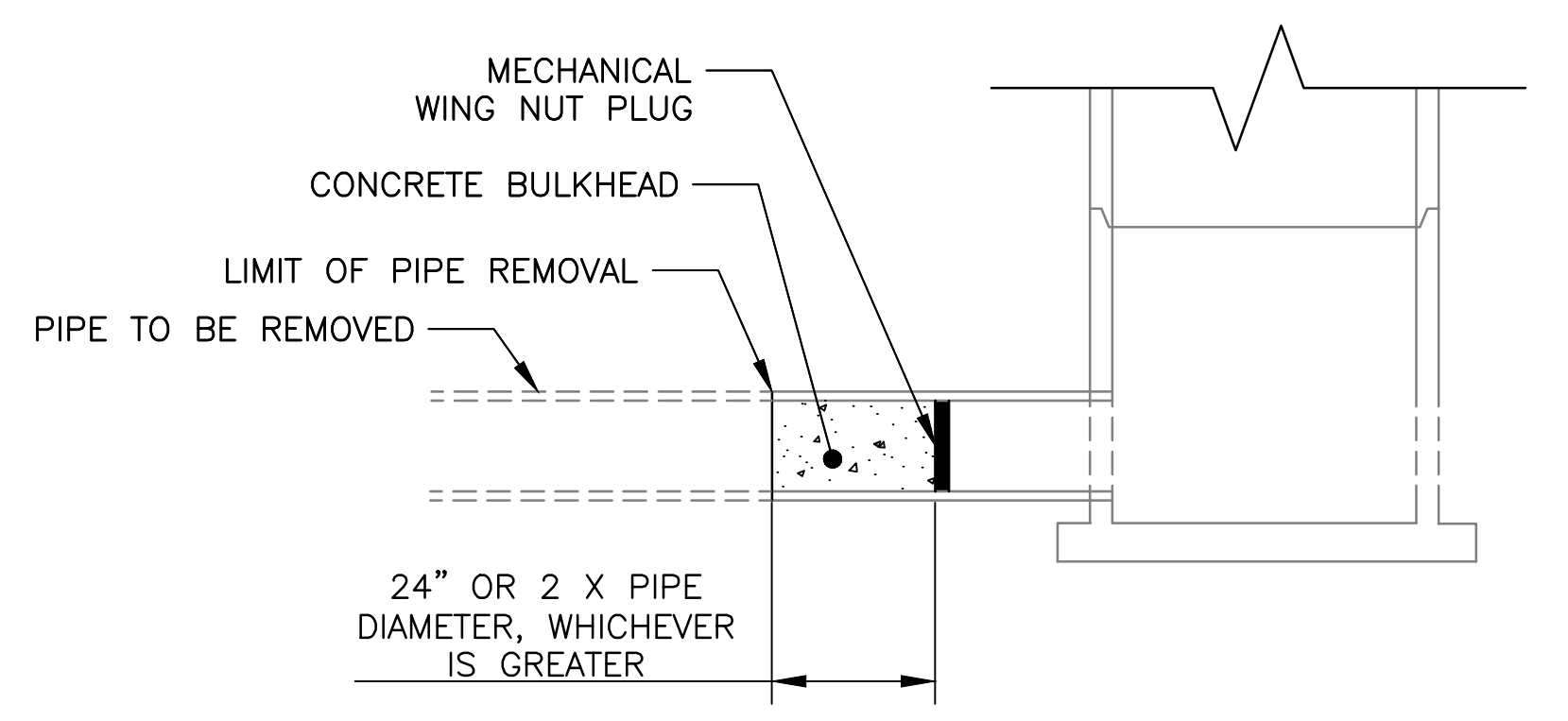


2 CROSSING OVER EXISTING SANITARY SEWER
Scale: NTS
(CU-101)



3 PRECAST CONCRETE FLARED END SECTION
Scale: NTS
(CU-101)

NOTE: PROVIDE BEDDING AND BACKFILL MATERIAL FOR CULVERT/STORM SEWER AND PRECAST CONCRETE FLARED END SECTION PER **3** CU-501



4 PIPE PLUG
Scale: NTS

Rev.	Description	Appr.	Date
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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MLM
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MLM
Reviewed by: EPC
MLM
Date: MAY 2024
Scale: AS SHOWN

ILTR **LIVING HABITATS**

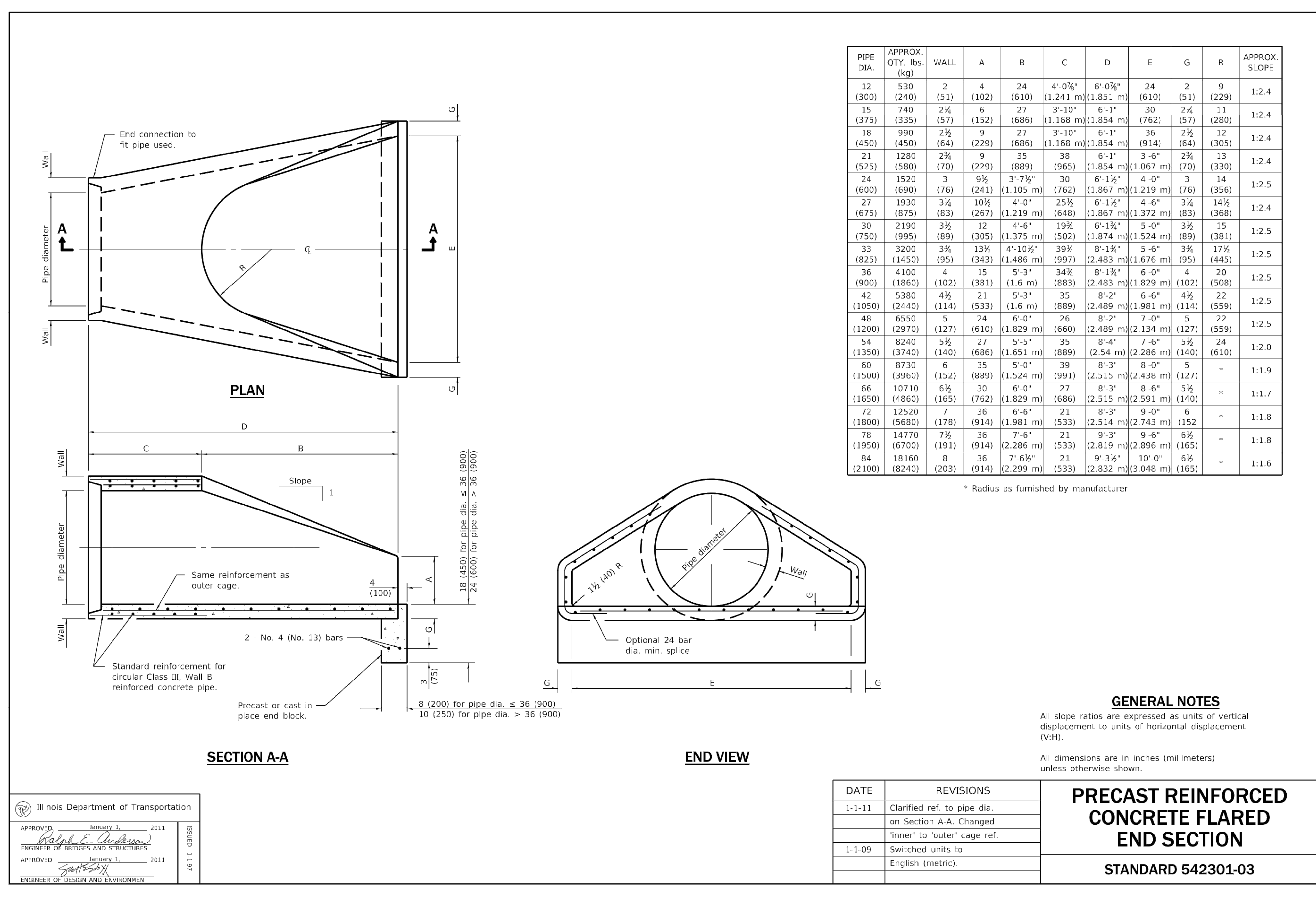
DONOHUE **ACCURATE**

ZIM GROUP **ORRICK & ASSOCIATES, INC.**

CONSULTING ENGINEERS

CONTRACT 14-253-5FR
FLOOD CONTROL PROJECT ON
MIDLOTHIAN CREEK IN ROBBINS, ILLINOIS (RE-BID)
LITTLE CALUMET RIVER WATERSHED

UTILITY DETAILS



PIPE DIA.	APPROX. QTY. lbs. (kg)	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12 (300)	530 (240)	2 (51)	4 (102)	24 (610)	4'-0 1/2" (1.241 m)	6'-0 1/2" (1.851 m)	24 (610)	2 (51)	9 (229)	1:2.4
15 (375)	740 (335)	2 1/4 (57)	6 (152)	27 (686)	3'-10" (1.168 m)	6'-1" (1.854 m)	30 (762)	2 1/4 (57)	11 (280)	1:2.4
18 (450)	990 (450)	2 1/2 (64)	9 (229)	27 (686)	3'-10" (1.168 m)	6'-1" (1.854 m)	36 (914)	2 1/2 (64)	12 (305)	1:2.4
21 (525)	1280 (580)	2 3/4 (70)	9 (229)	35 (889)	3'-7 1/2" (1.105 m)	6'-1" (1.854 m)	3'-6" (1.067 m)	2 3/4 (70)	13 (330)	1:2.4
24 (600)	1520 (690)	3 (76)	9 1/2 (241)	30 (762)	3'-7 1/2" (1.105 m)	6'-1 1/2" (1.867 m)	4'-0" (1.219 m)	3 (76)	14 (356)	1:2.5
27 (675)	1930 (875)	3 1/4 (83)	10 1/2 (267)	4'-0" (1.219 m)	25 1/2 (648)	6'-1 1/2" (1.867 m)	4'-6" (1.372 m)	3 1/4 (83)	14 1/2 (368)	1:2.4
30 (750)	2190 (995)	3 1/2 (89)	12 (305)	4'-6" (1.375 m)	19 1/4 (502)	6'-1 3/4" (1.874 m)	5'-0" (1.524 m)	3 1/2 (89)	15 (381)	1:2.5
33 (825)	3200 (1450)	3 3/4 (95)	13 1/2 (343)	4'-10 1/2" (1.486 m)	39 1/4 (997)	8'-1 1/4" (2.483 m)	5'-6" (1.676 m)	3 3/4 (95)	17 1/2 (445)	1:2.5
36 (900)	4100 (1860)	4 (102)	15 (381)	5'-3" (1.6 m)	34 3/4 (883)	8'-1 3/4" (2.483 m)	6'-0" (1.829 m)	4 (102)	20 (508)	1:2.5
42 (1050)	5380 (2440)	4 1/2 (114)	21 (533)	5'-3" (1.6 m)	35 (889)	8'-2" (2.489 m)	6'-6" (1.981 m)	4 1/2 (114)	22 (559)	1:2.5
48 (1200)	6550 (2970)	5 (127)	24 (610)	6'-0" (1.829 m)	26 (660)	8'-2" (2.489 m)	7'-0" (2.134 m)	5 (127)	22 (559)	1:2.5
54 (1350)	8240 (3740)	5 1/2 (140)	27 (686)	5'-5" (1.651 m)	35 (889)	8'-4" (2.54 m)	7'-6" (2.286 m)	5 1/2 (140)	24 (610)	1:2.0
60 (1500)	8730 (3960)	6 (152)	35 (889)	5'-0" (1.524 m)	39 (991)	8'-3" (2.515 m)	8'-0" (2.438 m)	6 (152)	*	1:1.9
66 (1650)	10710 (4860)	6 1/2 (165)	30 (762)	6'-0" (1.829 m)	27 (686)	8'-3" (2.515 m)	8'-6" (2.591 m)	5 1/2 (140)	*	1:1.7
72 (1800)	12520 (5680)	7 (178)	36 (914)	6'-6" (1.981 m)	21 (533)	8'-3" (2.514 m)	9'-0" (2.743 m)	6 (152)	*	1:1.8
78 (1950)	14770 (6700)	7 1/2 (191)	36 (914)	7'-6" (2.286 m)	21 (533)	9'-3" (2.819 m)	9'-6" (2.896 m)	6 1/2 (165)	*	1:1.8
84 (2100)	18160 (8240)	8 (203)	36 (914)	7'-6 1/2" (2.299 m)	21 (533)	9'-3 1/2" (2.832 m)	10'-0" (3.048 m)	6 1/2 (165)	*	1:1.6

* Radius as furnished by manufacturer

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-11	Clarified ref. to pipe dia. on Section A-A. Changed 'inner' to 'outer' cage ref.
1-1-09	Switched units to English (metric).

PRECAST REINFORCED CONCRETE FLARED END SECTION
STANDARD 542301-03

Illinois Department of Transportation

APPROVED January 1, 2011
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

APPROVED January 1, 2011
Scott Smith
ENGINEER OF DESIGN AND ENVIRONMENT

1/8" = 1" G3/ISS/1

1 IDOT HIGHWAY STANDARD 542301-03
Scale: NTS

Rev.	Description	Appr.	Date
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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: MLM
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ENGINEERS

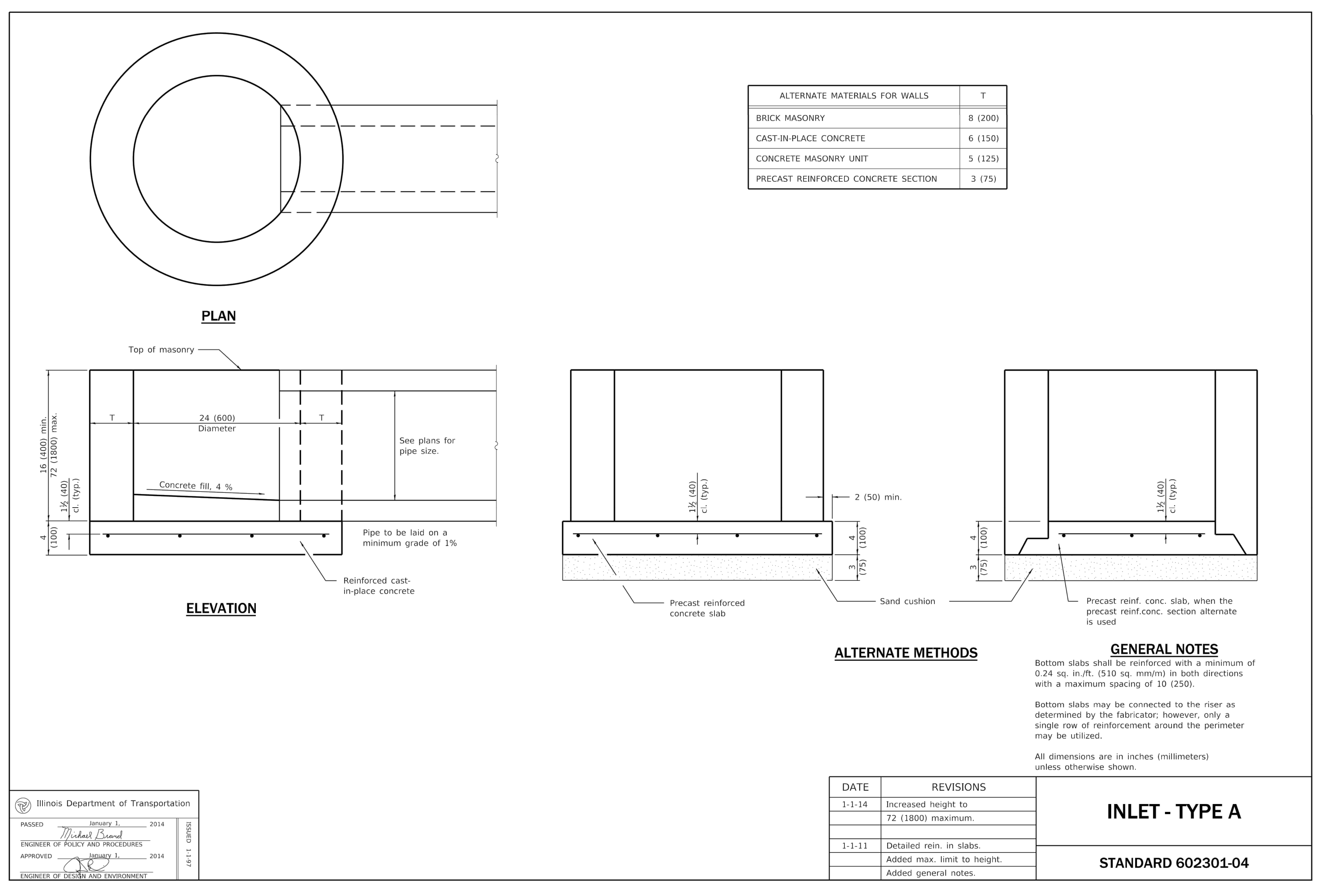
ZIM
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UTILITY DETAILS

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ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)

Illinois Department of Transportation

PASSED January 1, 2014
Michael Brand
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2014
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUES: 46 1-1 GEN/ISS

DATE	REVISIONS	
1-1-14	Increased height to 72 (1800) maximum.	INLET - TYPE A
1-1-11	Detailed rein. in slabs.	STANDARD 602301-04
	Added max. limit to height.	
	Added general notes.	

ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

All dimensions are in inches (millimeters) unless otherwise shown.

1 IDOT HIGHWAY STANDARD 602301-04
 Scale: NTS

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