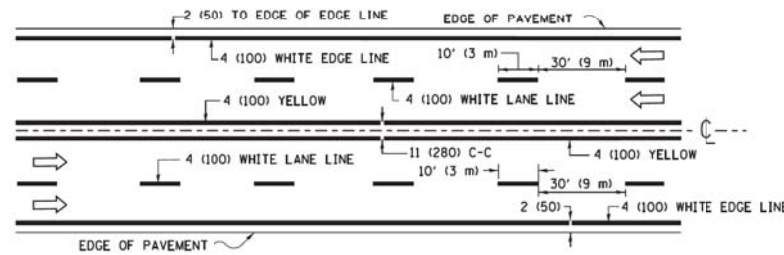
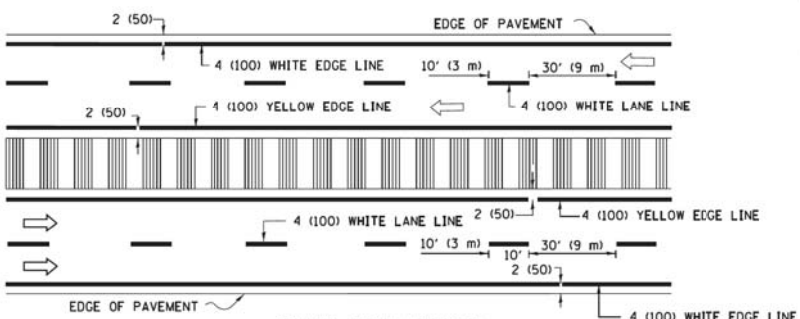


2-LANE ROADWAY

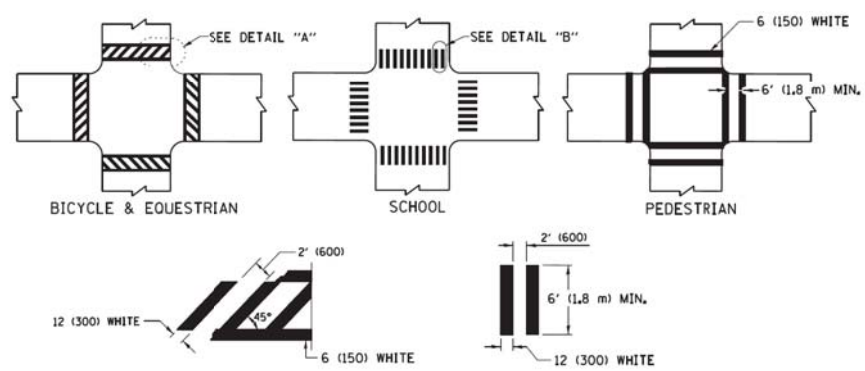


MULTI-LANE UNDIVIDED



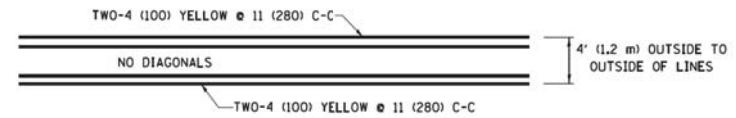
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

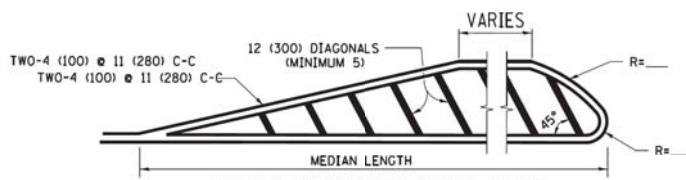


DETAIL "A" DETAIL "B"
TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

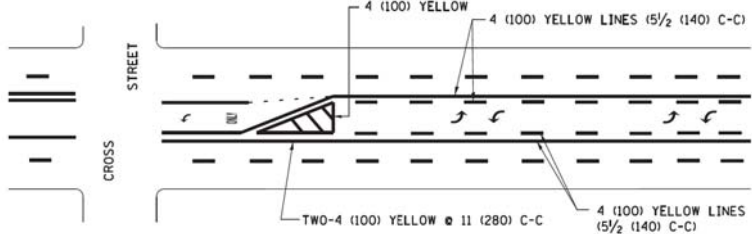


4' (1.2 m) WIDE MEDIANS ONLY

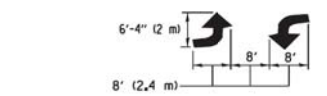


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

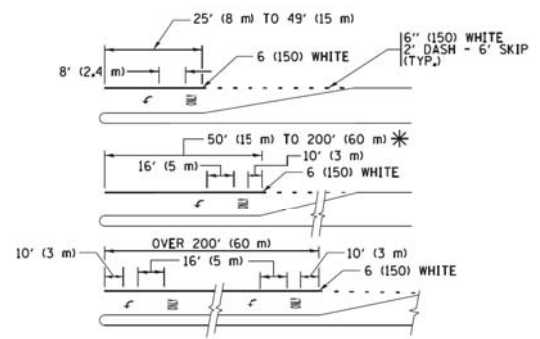
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

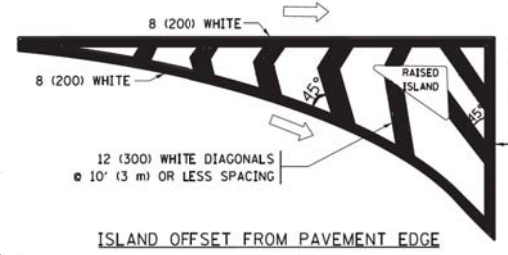


MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING

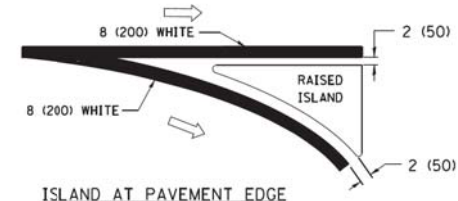


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

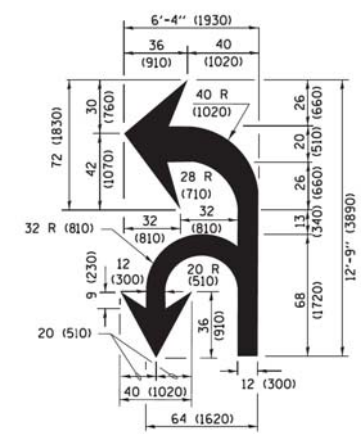
TYPICAL LEFT (OR RIGHT) TURN LANE
TYPICAL TURN LANE MARKING



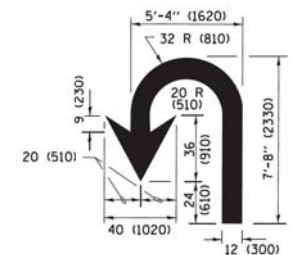
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW TWO WAY TRAFFIC WHITE ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINE; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

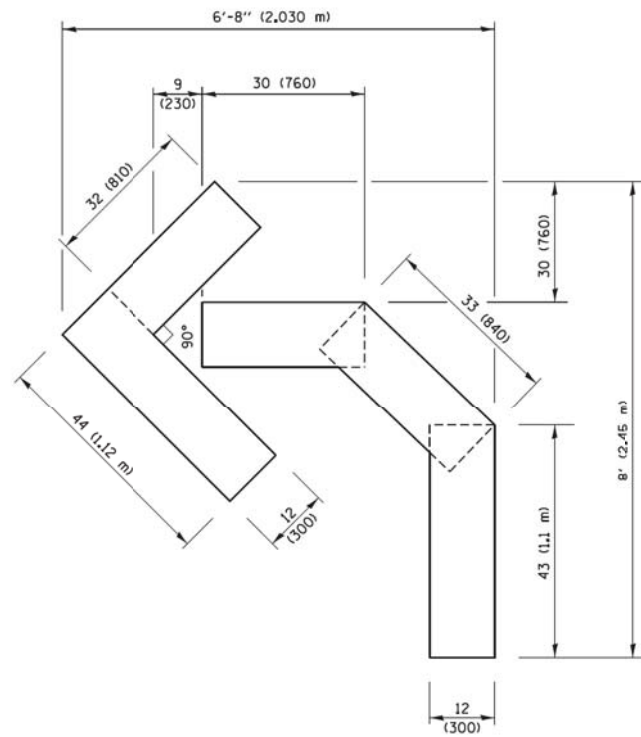
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		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

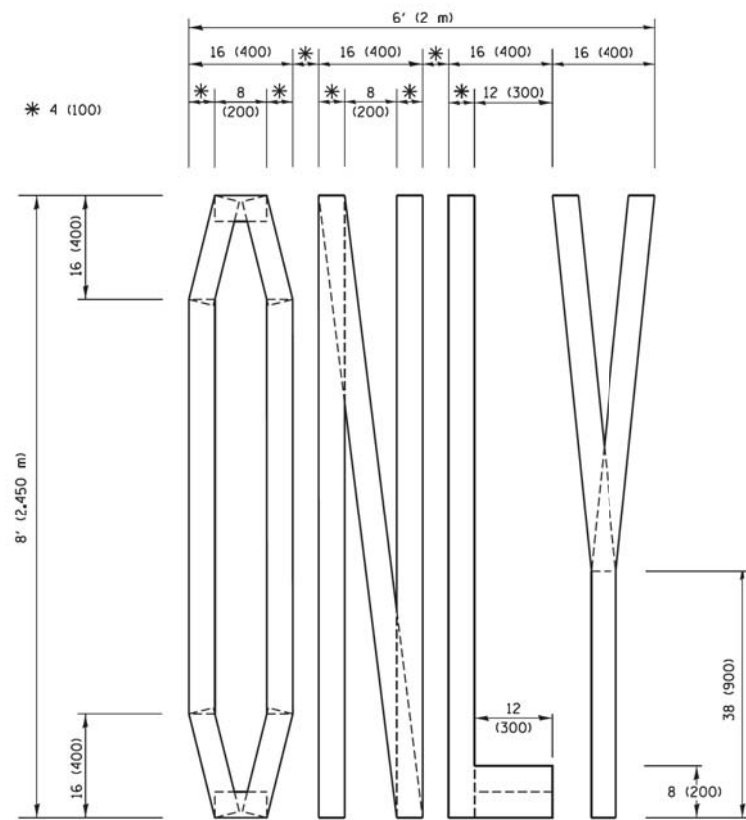
**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

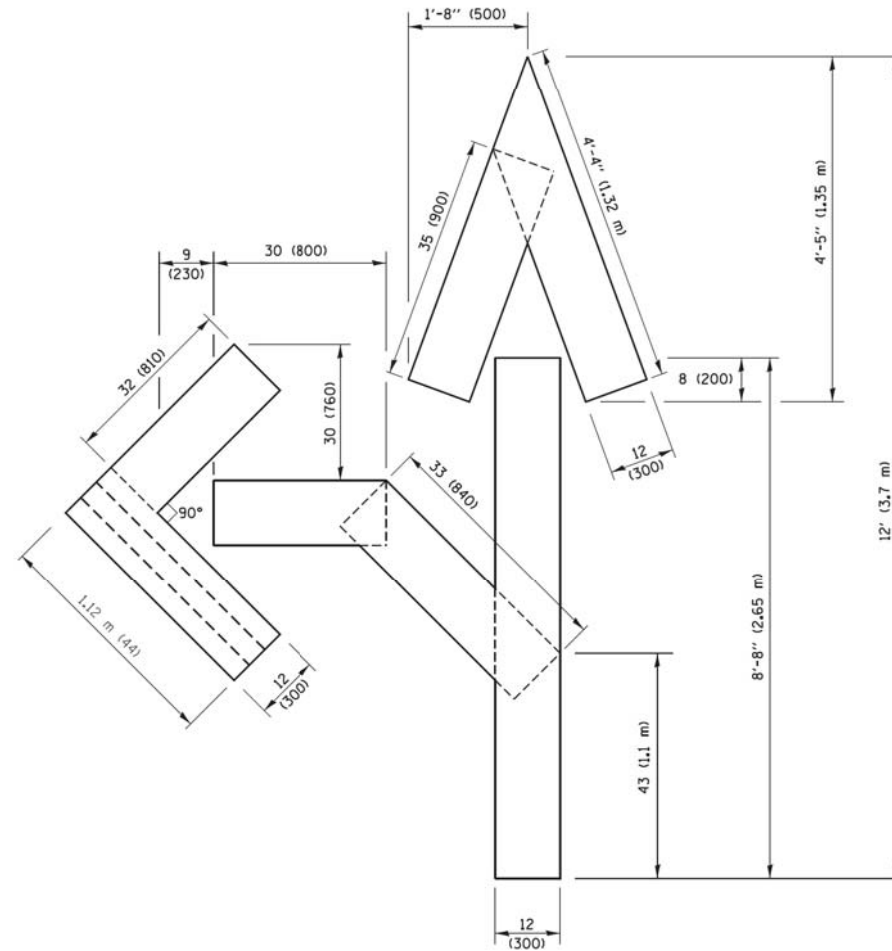
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	101
TC-13		CONTRACT NO. 61F75	ILLINOIS FED. AID PROJECT	



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

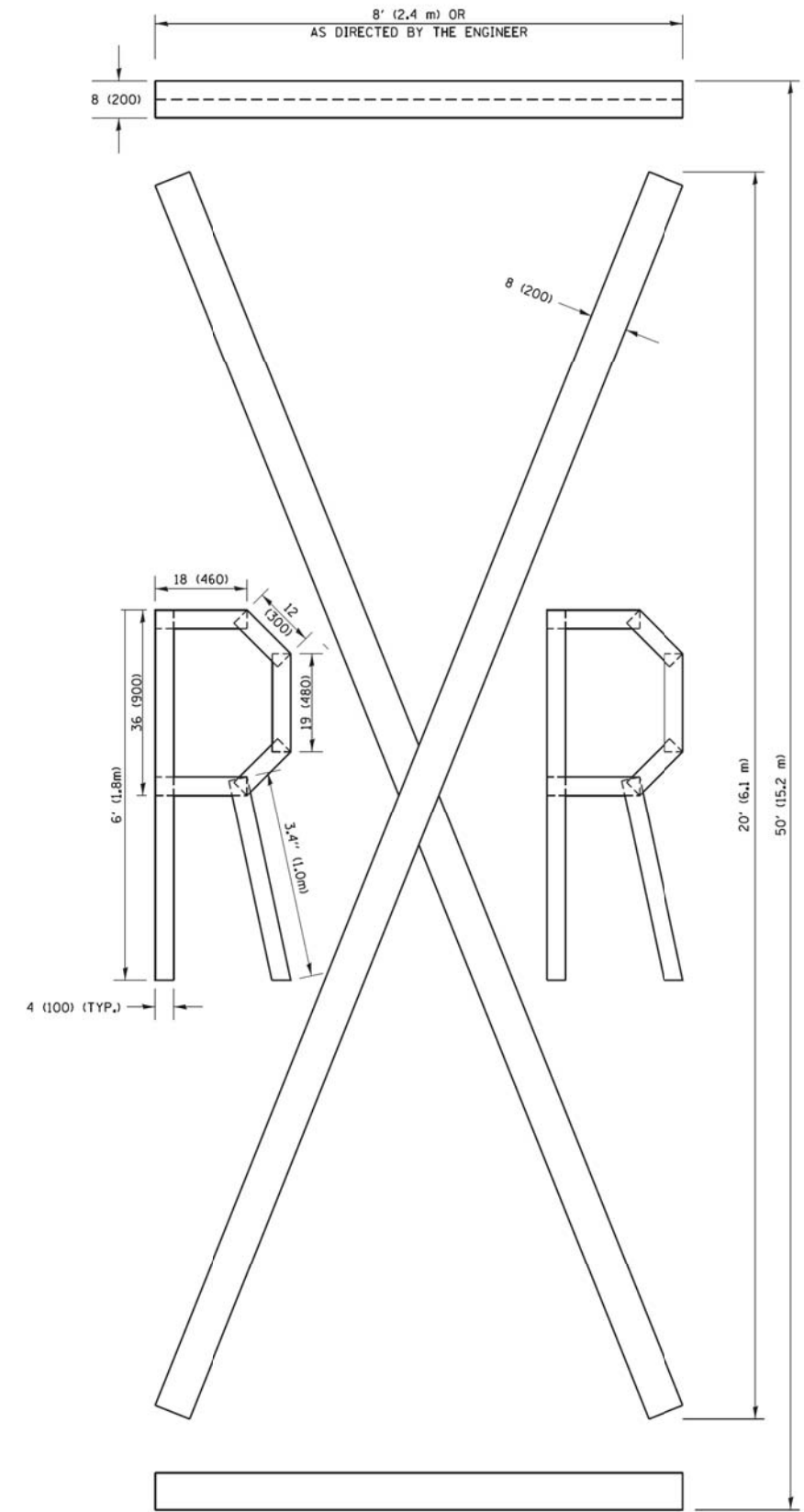


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED
 IN LINEAR FEET OF 4" LINES TO MATCH THE
 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS
 THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

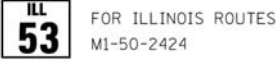
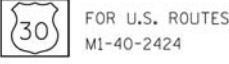
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pw\11084E8IDINTEG\11nois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist		DRAWN -	REVISED - E. GOMEZ 08-28-00
		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

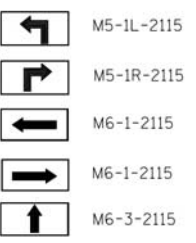
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1239	16-00116-00-PV	LAKE	168	102
TC-16		CONTRACT NO. 61F75		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ROUTE MARKERS

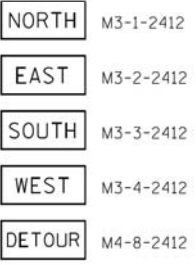


R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

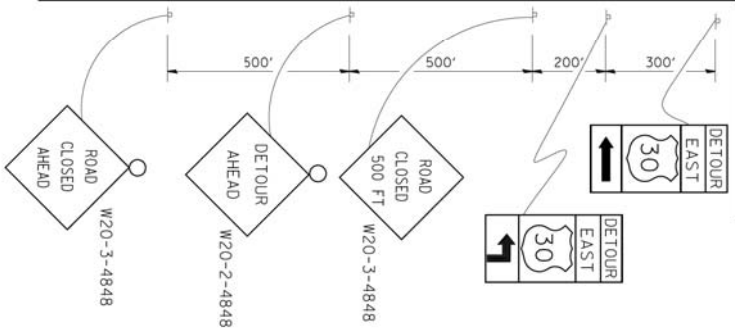
ARROWS SIGNS



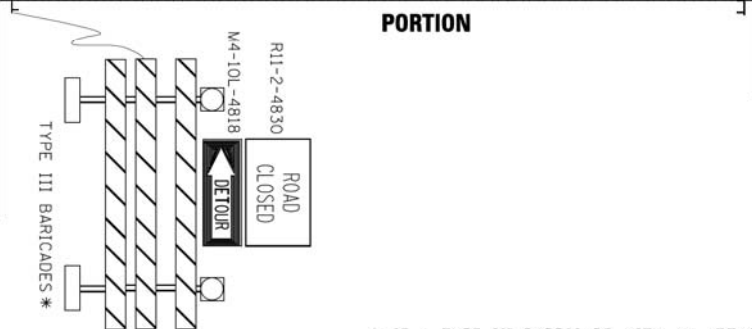
CARDINAL DIRECTION & DETOUR SIGNS



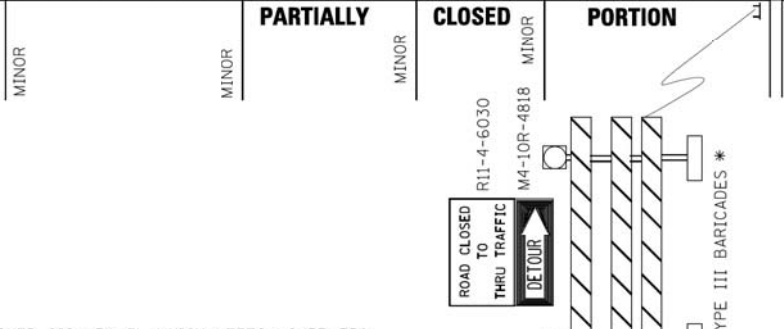
STATE ROUTE



COMPLETELY CLOSED PORTION



PARTIALLY CLOSED PORTION



STATE ROUTE

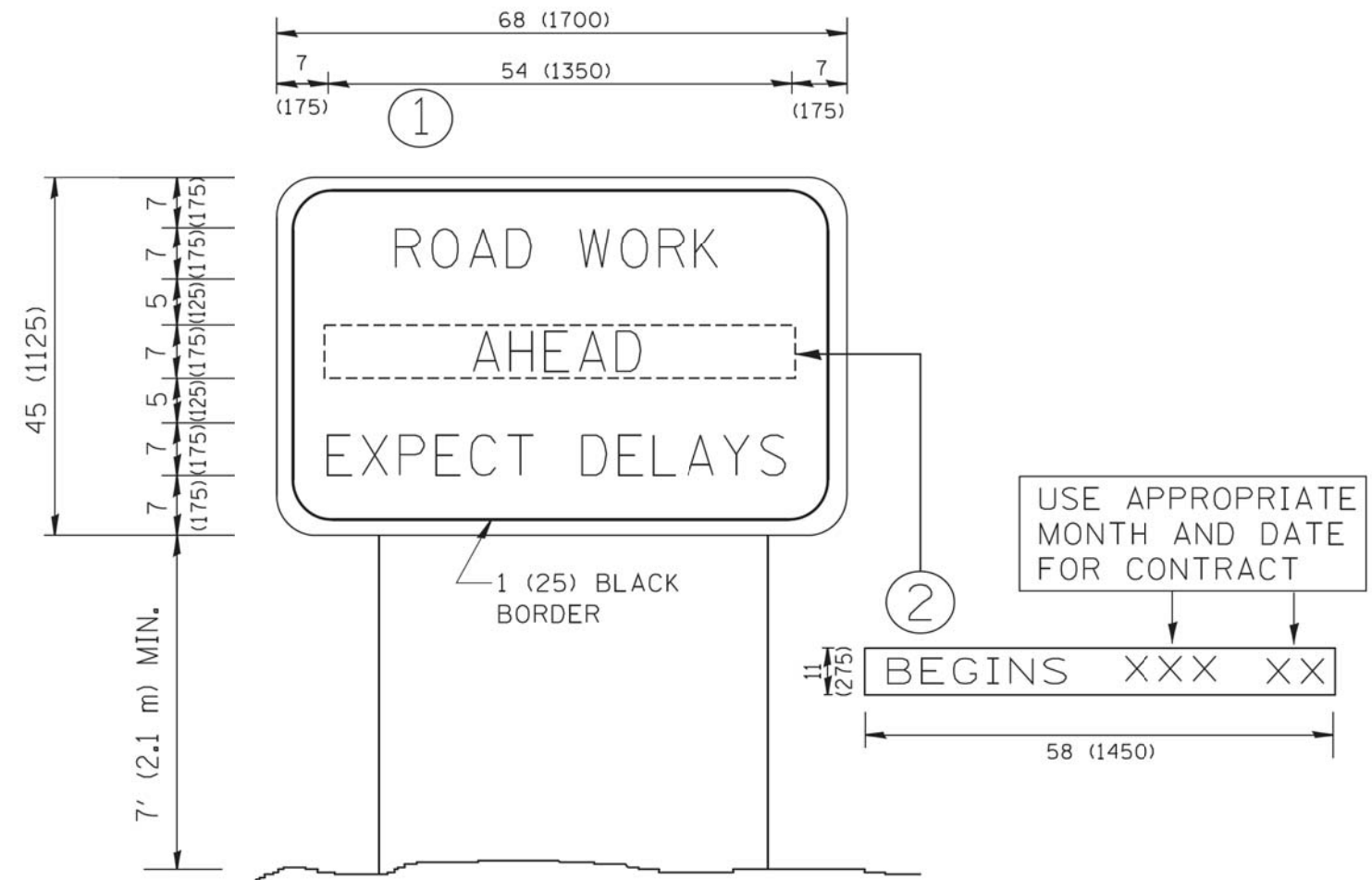


* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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PLOT SCALE = 49.9999' / IN.	CHECKED -	REVISOR -	DATE -
PLOT DATE = 9/14/2009	DATE -	REVISOR -	DATE -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS		F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	1239	16-00116-00-PV	LAKE	168	103
STA.	TO STA.	TC-21		CONTRACT NO. 61F75		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

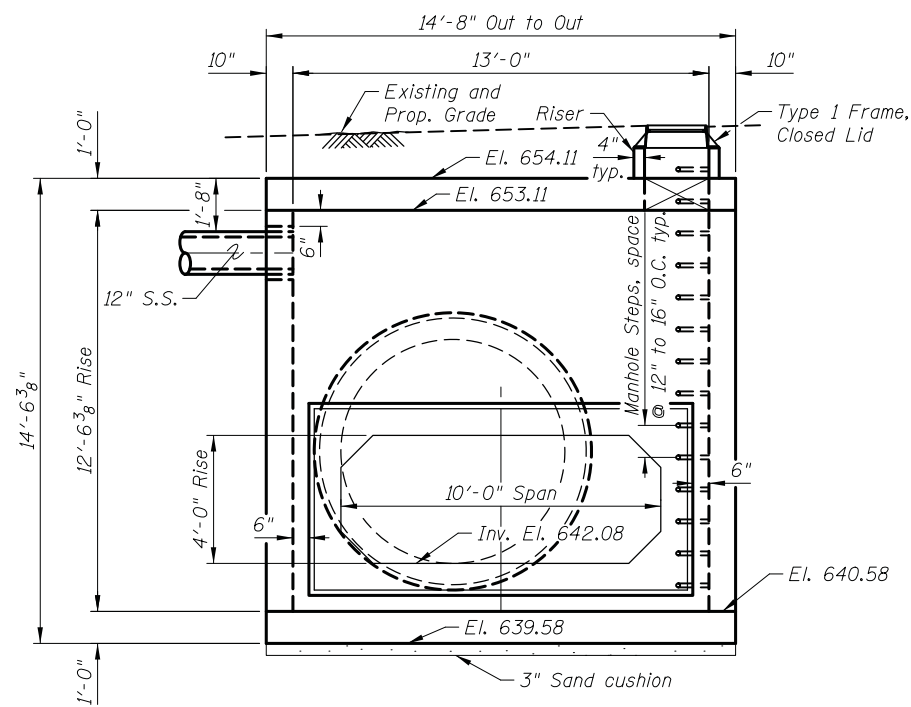
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PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - T, RAMMACHER 02-02-99	REVISED - C, JUCIUS 01-31-07
PLOT DATE = 1/4/2008	DATE -		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

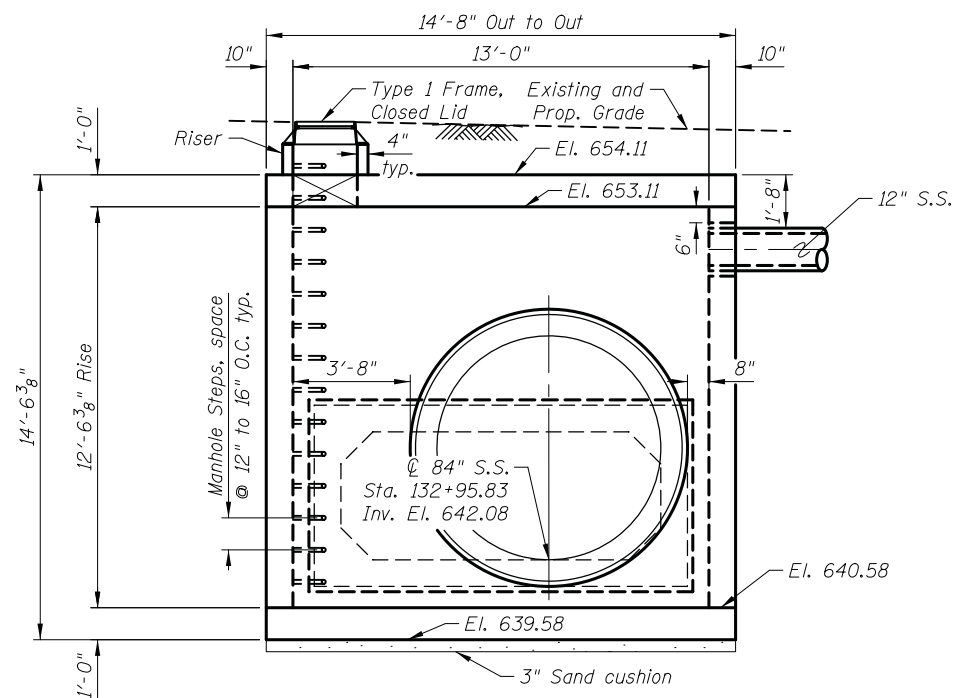
**ARTERIAL ROAD
INFORMATION SIGN**

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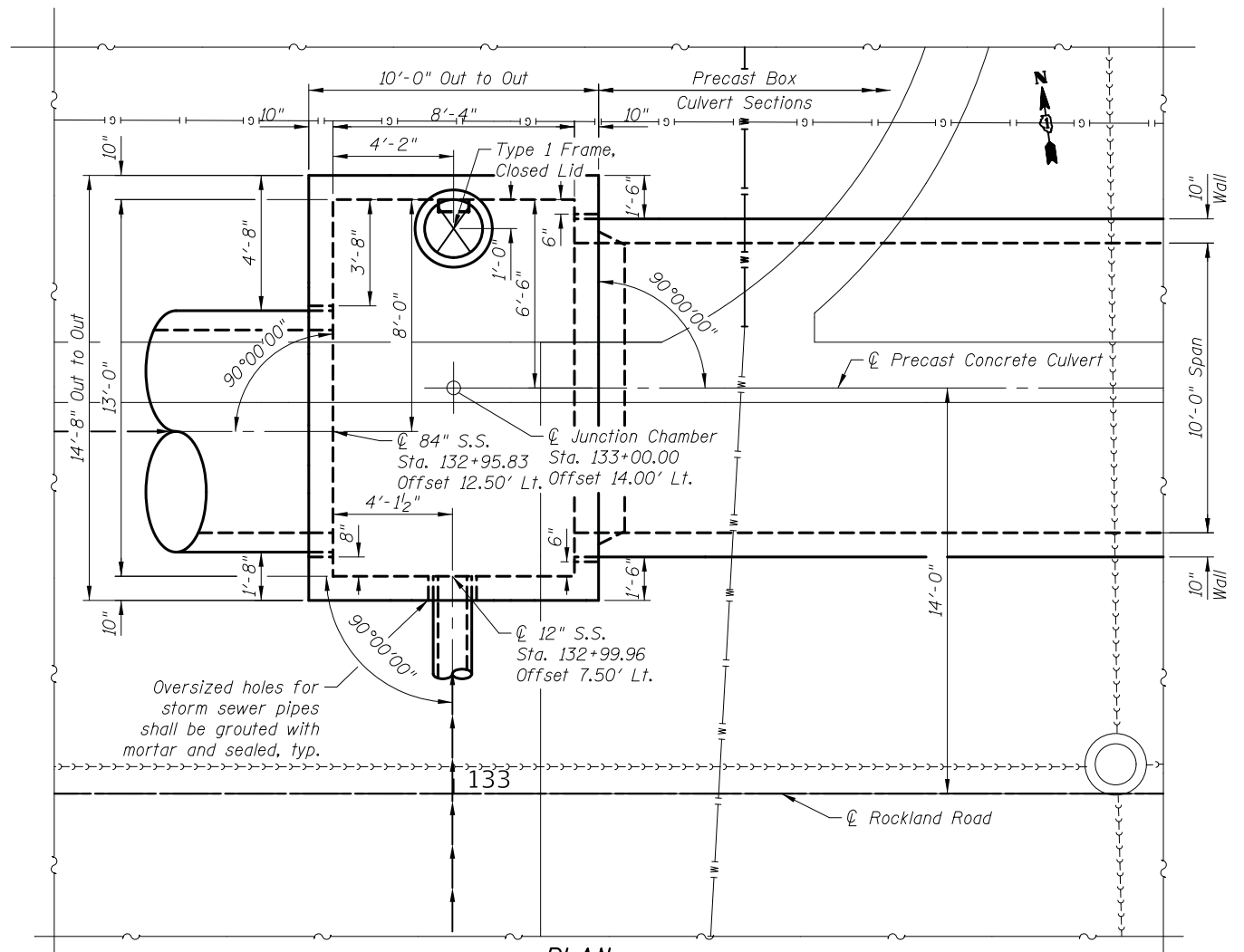
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1239	16-00116-00-PV	LAKE	168	104
TC-22		CONTRACT NO. 61F75		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PRECAST JUNCTION CHAMBER 1 - EAST ELEVATION
(Looking West)



PRECAST JUNCTION CHAMBER 1 - WEST ELEVATION
(Looking East)



PLAN

LEGEND

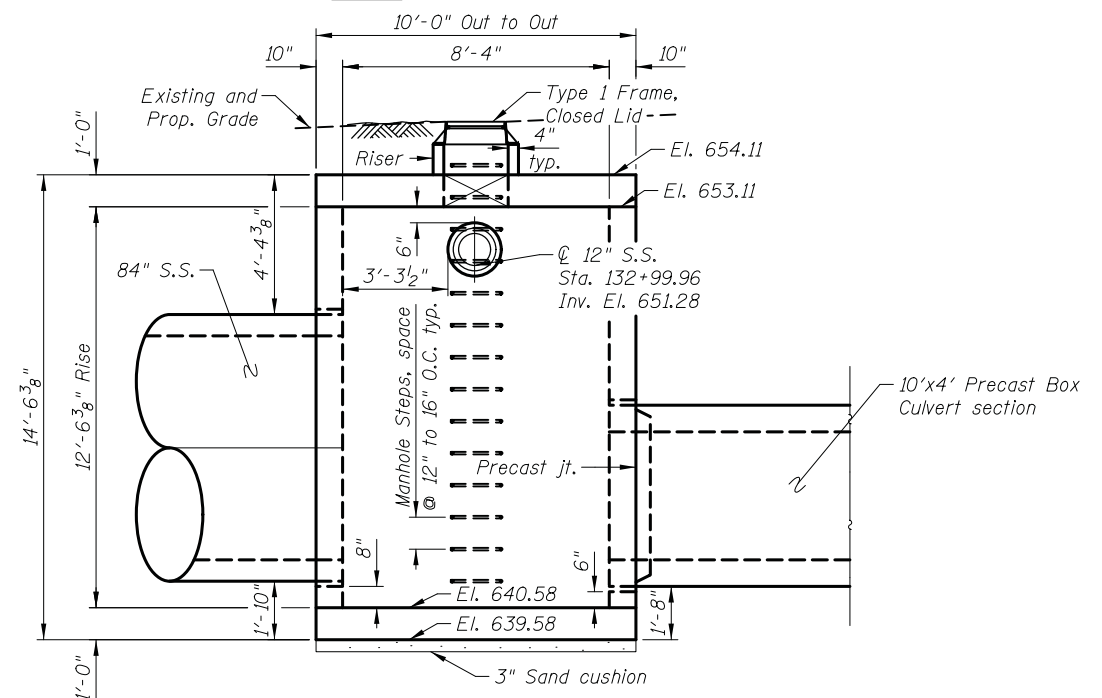
- Existing Storm Sewer
- Existing Water Main
- Existing Sanitary Sewer
- Proposed Storm Sewer
- Proposed Water Main
- Existing Gas Line

NOTES:

1. Joints shall be permitted only at locations shown on the plans or as approved by the Engineer.
2. See Drainage Sheets for location and drainage details.
3. Oversized holes for storm sewer pipe and box culvert shall be grouted with mortar and sealed.
4. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
5. The costs of Structure Excavation, Manhole Steps, & 3" Sand Cushion are included in the cost of Junction Chamber No. 1.
6. See Standard 602701 for details of Manhole Steps.

BILL OF MATERIAL

Item	Unit	Quantity
Junction Chamber No. 1	Each	1



PRECAST JUNCTION CHAMBER 1 - SOUTH ELEVATION
(Looking North)

2/13/2019 2:31:38 PM c:\bms\civiltech-pw\marcelino.cruz\dms07348\01\Junction Chamber_Ldgn



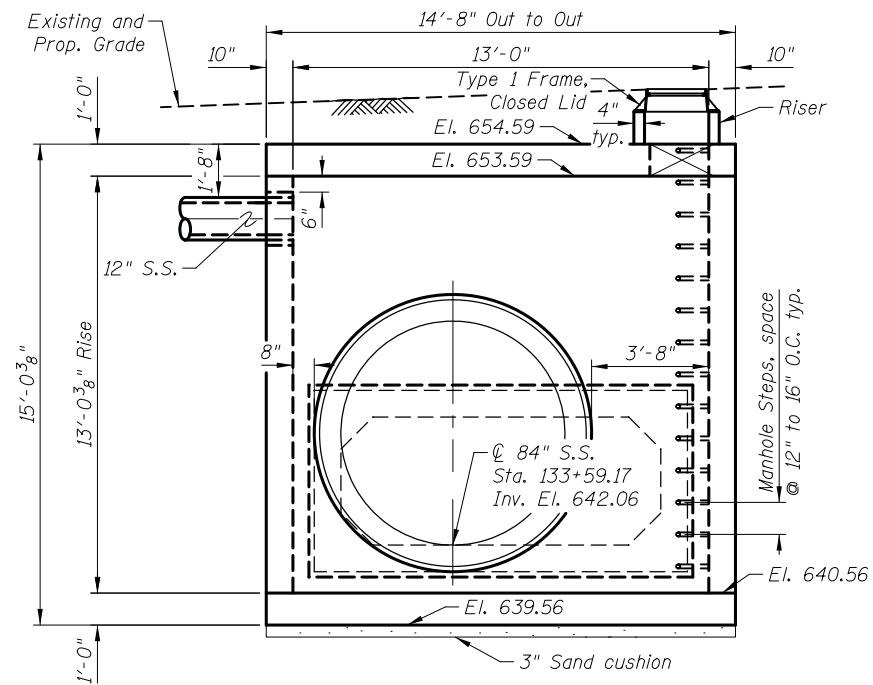
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DRAWN	- MPR	REVISED	-
DESIGNED	- MPR	REVISED	-
CHECKED	- GJH	REVISED	-
DATE	- 2/13/2019	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROCKLAND ROAD
JUNCTION CHAMBER NO. 1**
SHEET NO. 51 OF 58 SHEETS

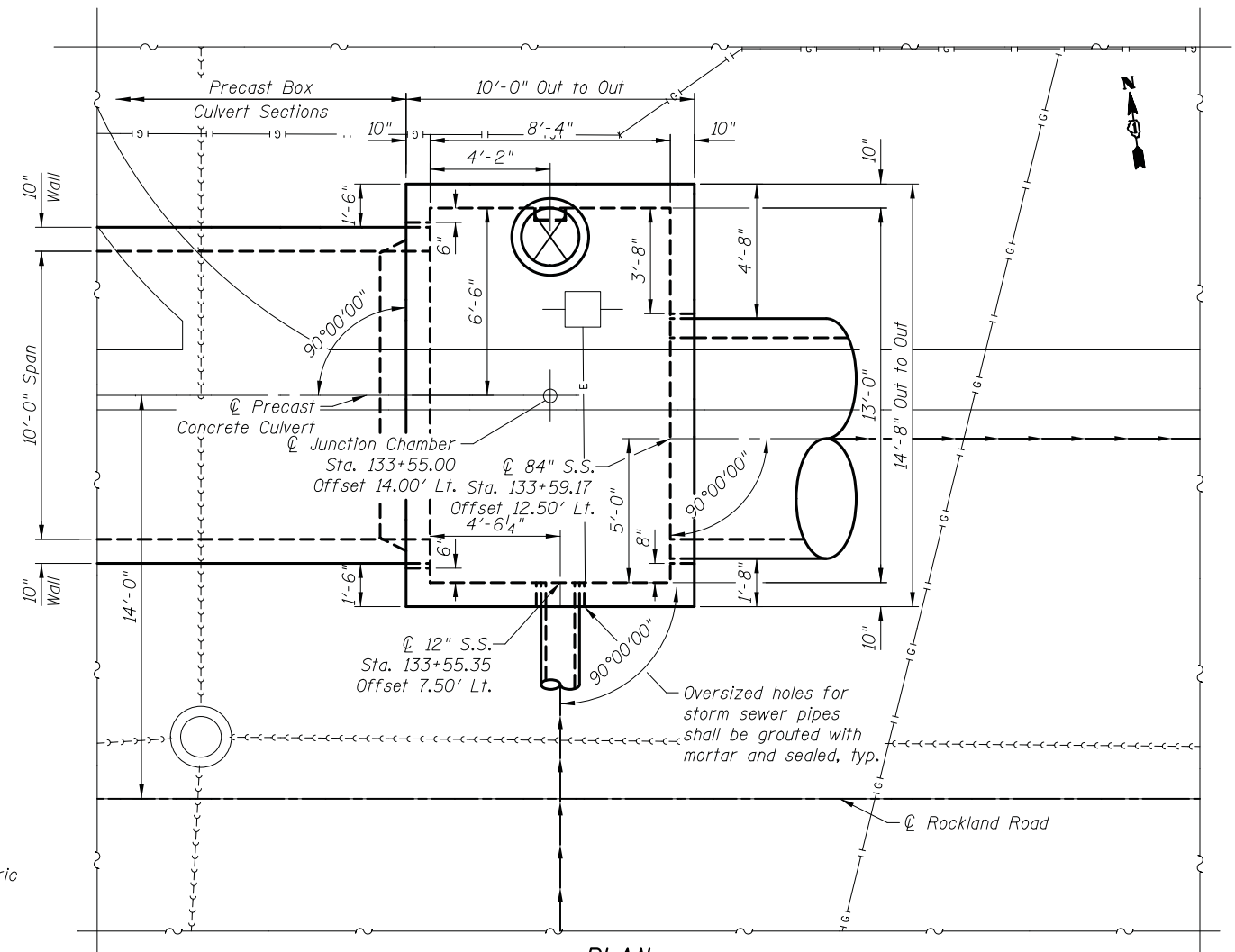
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61F75				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



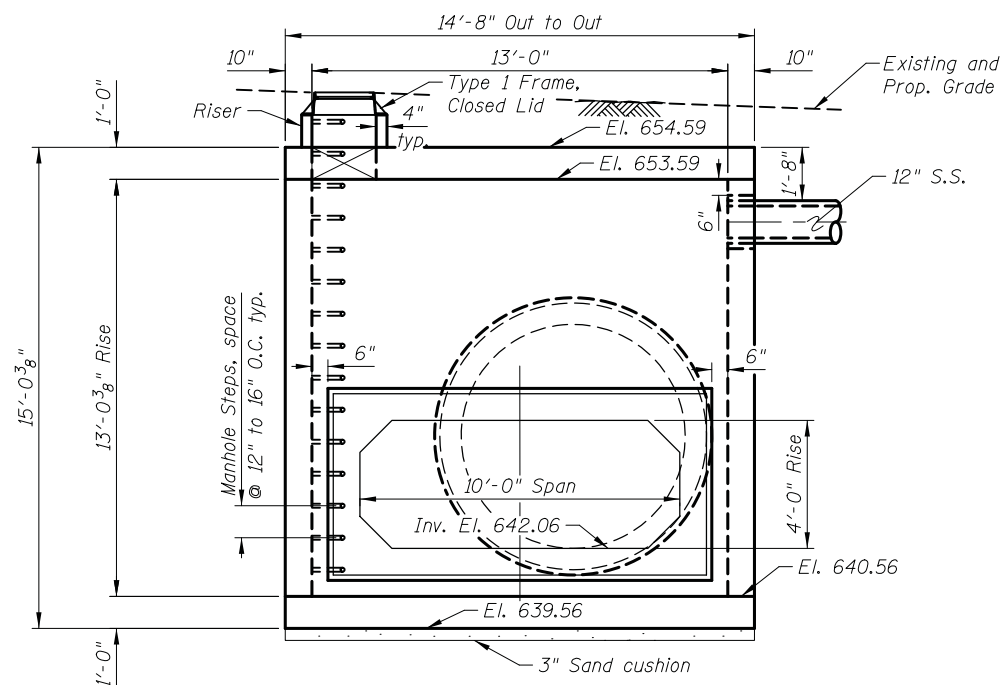
PRECAST JUNCTION CHAMBER 2 - EAST ELEVATION
(Looking West)

LEGEND

- Existing Storm Sewer
- Existing Sanitary Sewer
- Proposed Storm Sewer
- Existing Underground Electric
- Existing Gas Line



PLAN



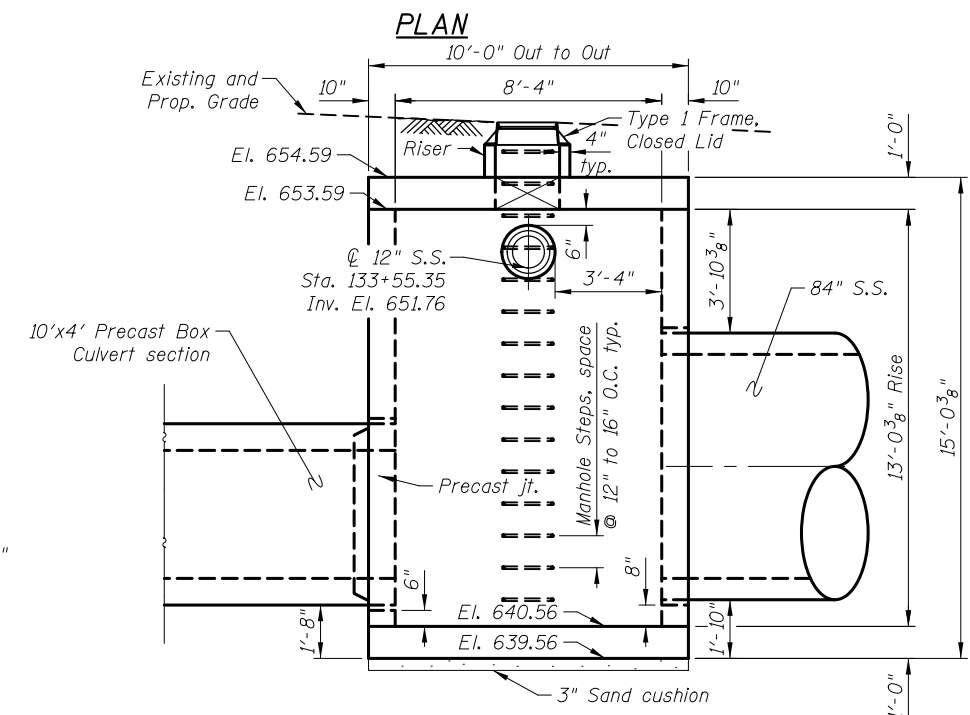
PRECAST JUNCTION CHAMBER 2 - WEST ELEVATION
(Looking East)

NOTES:

1. Joints shall be permitted only at locations shown on the plans or as approved by the Engineer.
2. See Drainage Sheets for location and drainage details.
3. Oversized holes for storm sewer pipe and box culvert shall be grouted with mortar and sealed.
4. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
5. The costs of Structure Excavation, Manhole Steps, & 3" Sand Cushion are included in the cost of Junction Chamber No. 2.
6. See Standard 602701 for details of Manhole Steps.

BILL OF MATERIAL

Item	Unit	Quantity
Junction Chamber No. 2	Each	1



PRECAST JUNCTION CHAMBER 2 - SOUTH ELEVATION
(Looking North)

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Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DRAWN - MPR
DESIGNED - MPR
CHECKED - GJH
DATE - 2/13/2019

REVISED -
REVISED -
REVISED -
REVISED -

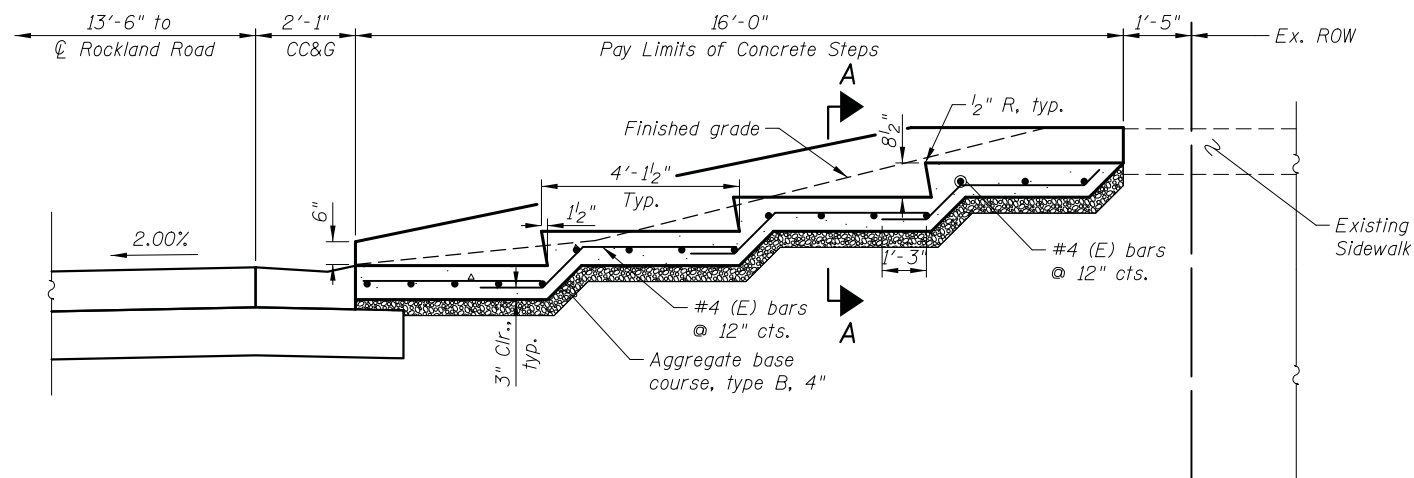
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROCKLAND ROAD
JUNCTION CHAMBER NO. 2**

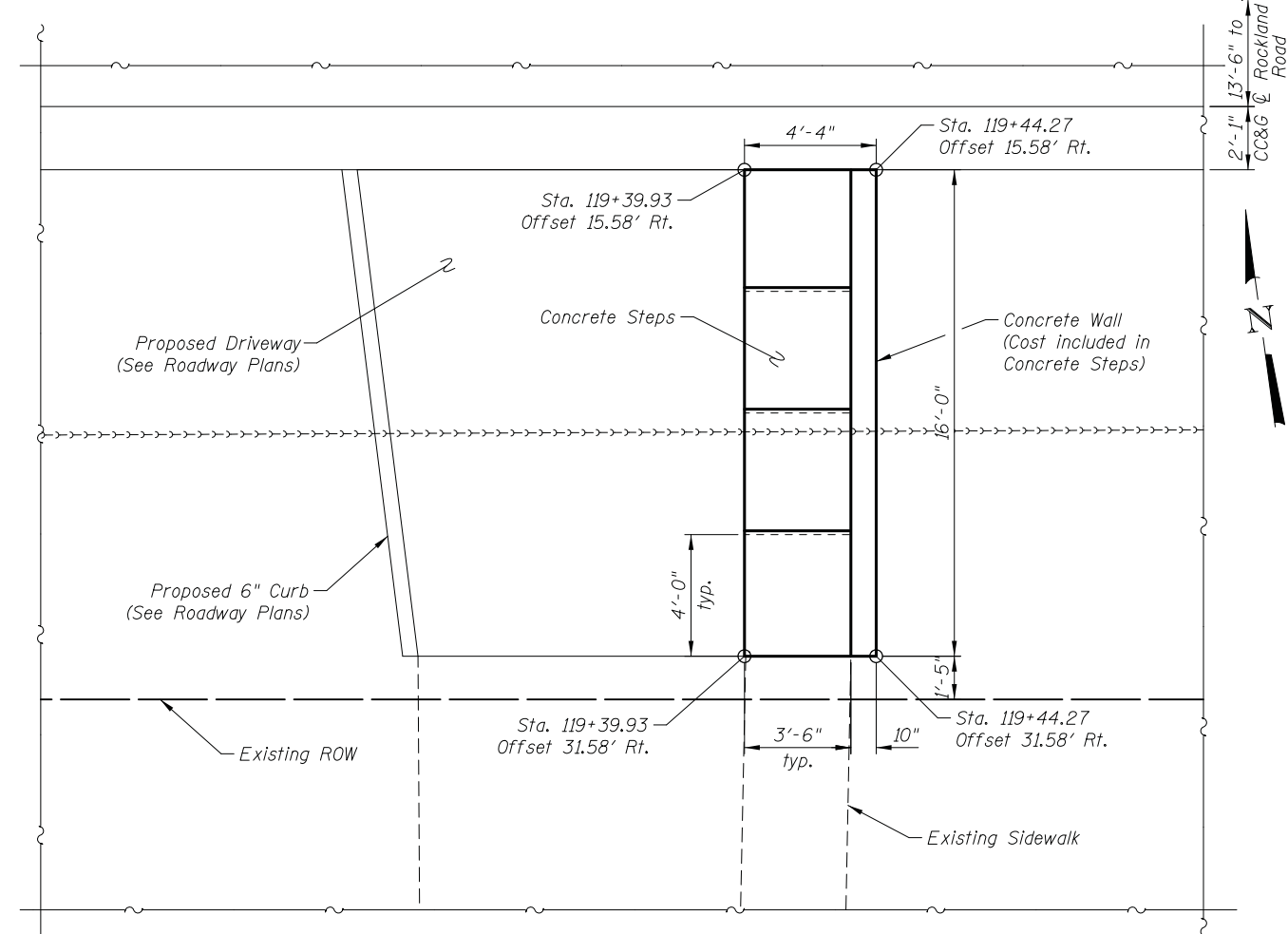
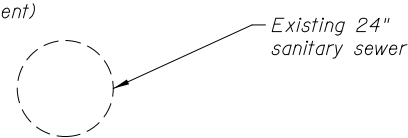
SHEET NO. S2 OF S8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	106

CONTRACT NO. 61F75
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



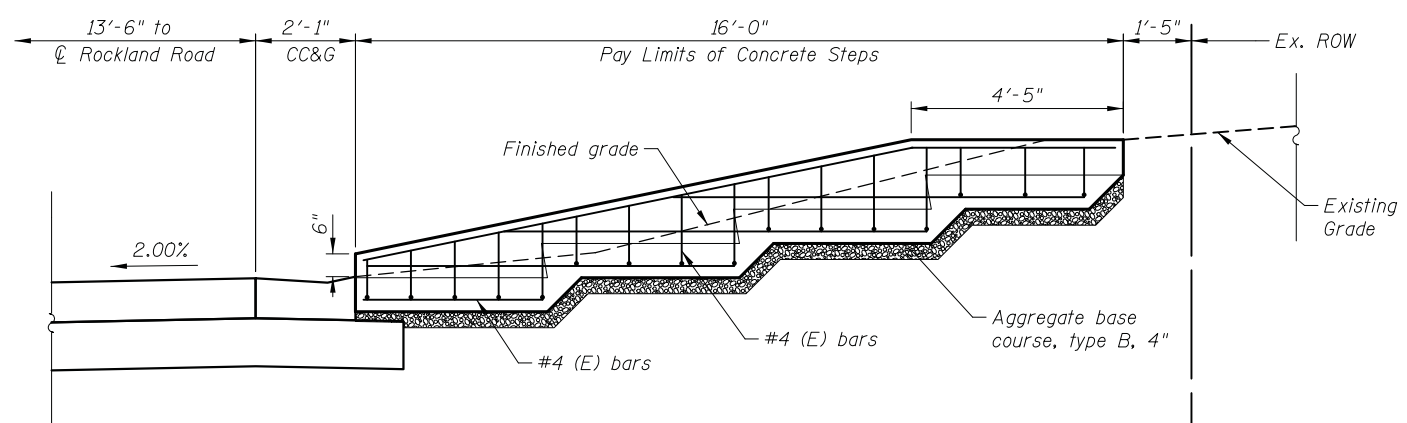
SECTION THRU CONCRETE STEPS
(Showing Reinforcement)



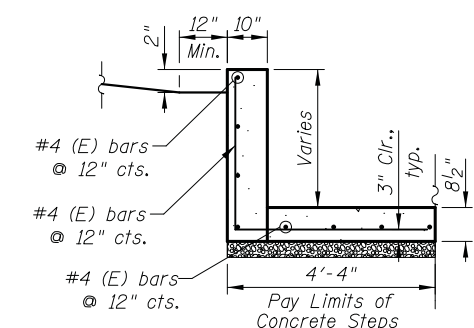
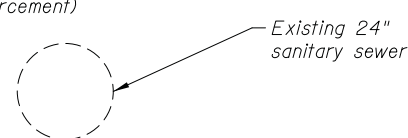
PLAN

LEGEND

----- Existing Sanitary Sewer



WALL ELEVATION
(Showing Reinforcement)



SECTION A-A
(Showing Reinforcement)

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

BILL OF MATERIAL

Item	Unit	Quantity
Concrete Steps	Sq. Ft.	70

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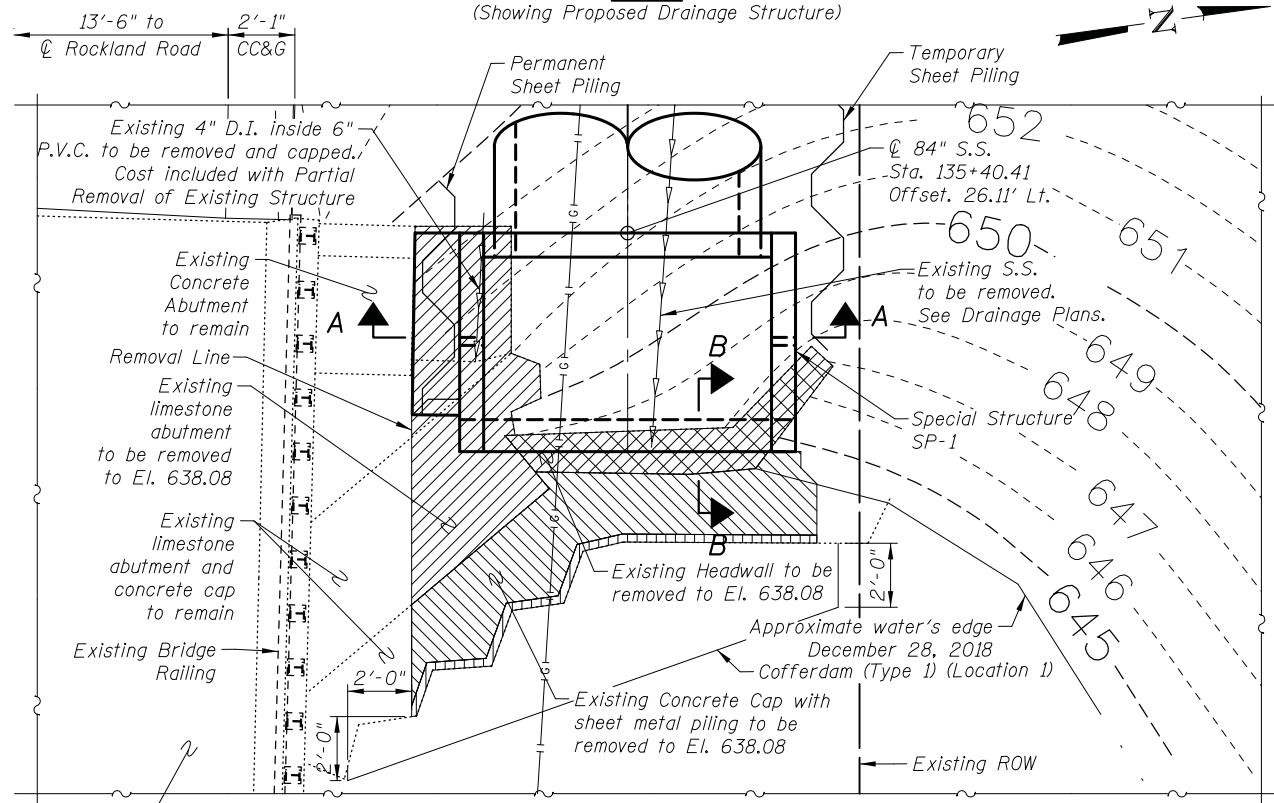
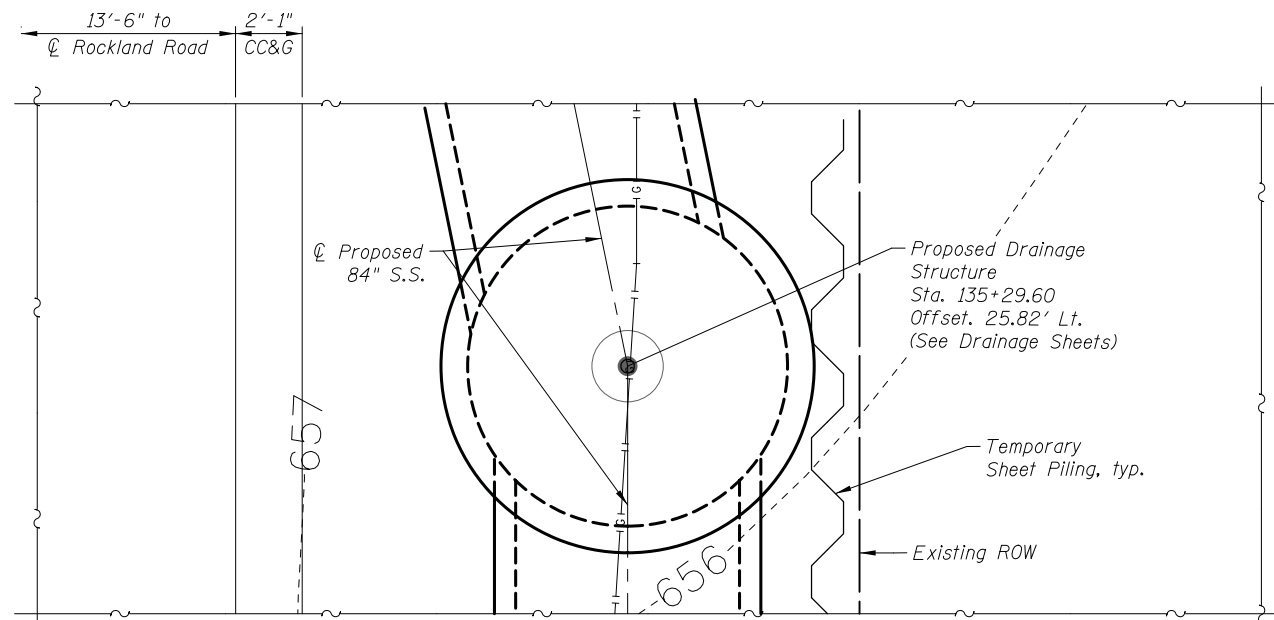
CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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DATE - 2/13/2019	REVISED -

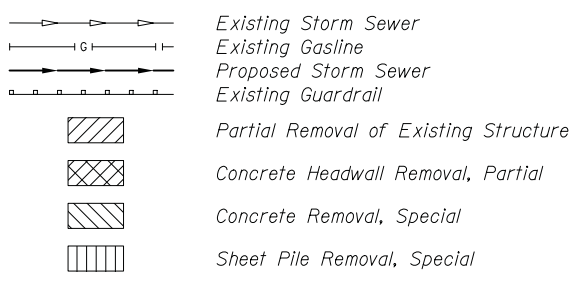
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
CONCRETE STEP DETAILS I
SHEET NO. S3 OF S8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61F75				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

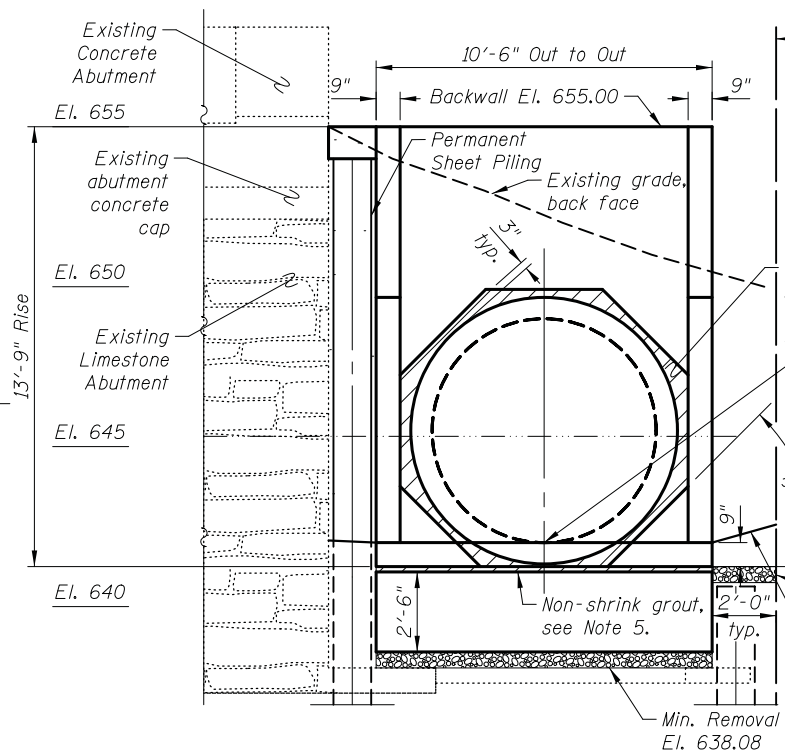
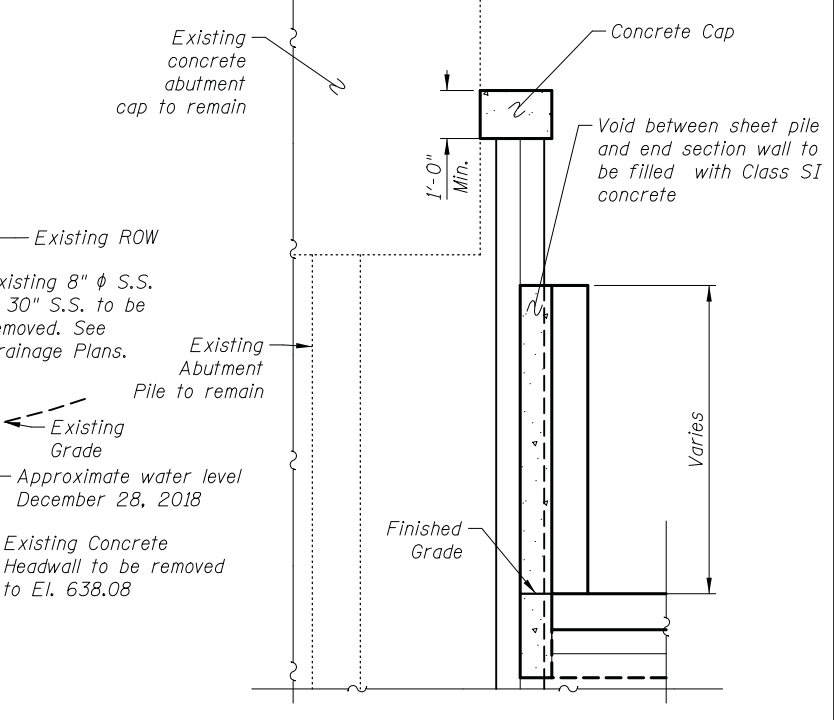
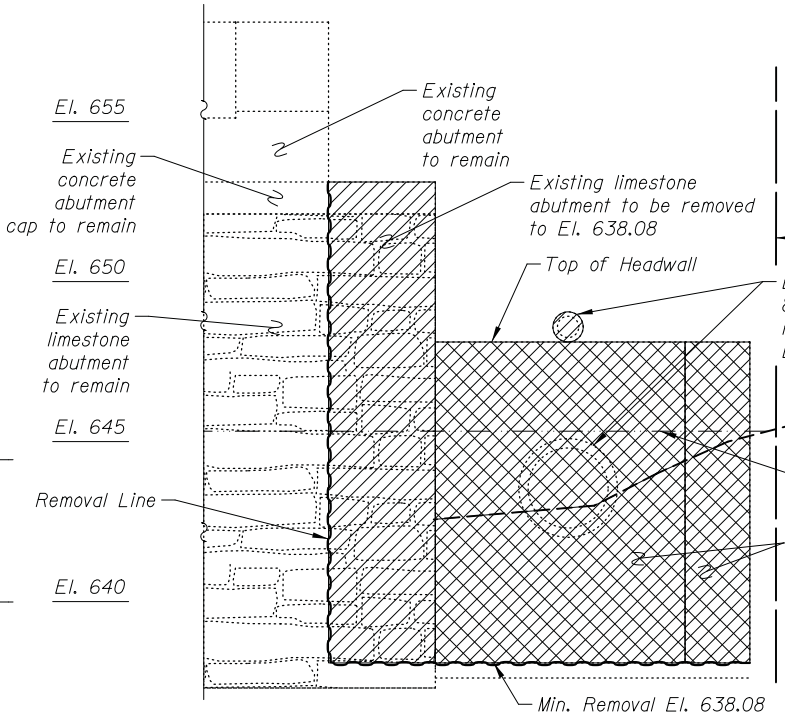


LEGEND



BILL OF MATERIAL

Item	Unit	Quantity
Cofferdam (Type I) (Location I)	Each	1
Temporary Sheet Piling	Sq. Ft.	1,245
Permanent Sheet Piling	Sq. Ft.	447
Special Gate No. 1	Each	1
Sheet Pile Removal, Special	Sq. Ft.	33
Concrete Removal, Special	Cu. Yd.	8.0
Concrete Headwall Removal Partial	Each	1
Partial Removal of Existing Structure	Each	1
Special Structure SP-1	Each	1



GENERAL NOTES:

- The length and number of precast sections required to construct the end section shall be determined by the Contractor.
- 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of formed holes.
- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- Reinforcement bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
- The cost of Structure Excavation, Non-shrink Grout, Class SI concrete, Reinforcement Bars, & Select Granular Bedding shall be incidental to pay item Special Structure SP-1.
- For Section A-A & B-B and details see Sheet S6.
- Any excavation voids under existing abutments shall be backfilled with CLSM, included with cost of Partial Removal of Existing Structure.
- See Sheet S6 for Suggested Sequence of Construction.
- The Contractor shall field verify the required location and size of opening in the precast end section prior to preparation of shop drawings for Special Structure SP-1. Any field modification to the opening will be at the Contractor's expense.

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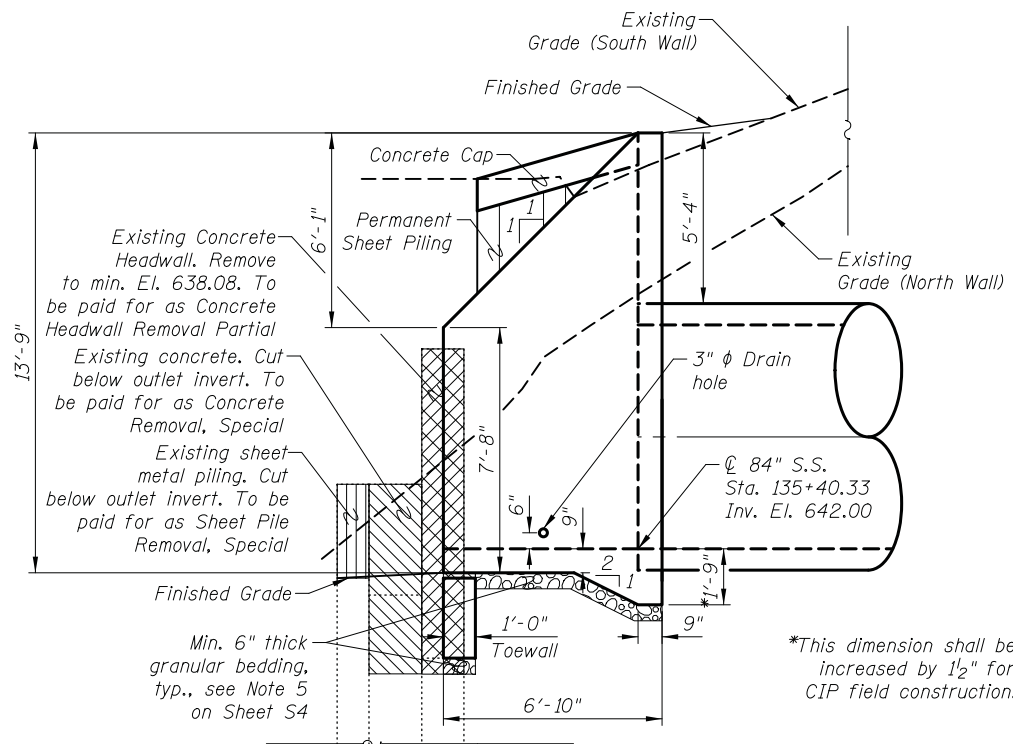
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROCKLAND ROAD
SPECIAL STRUCTURE SP-1**

SHEET NO. S5 OF S8 SHEETS

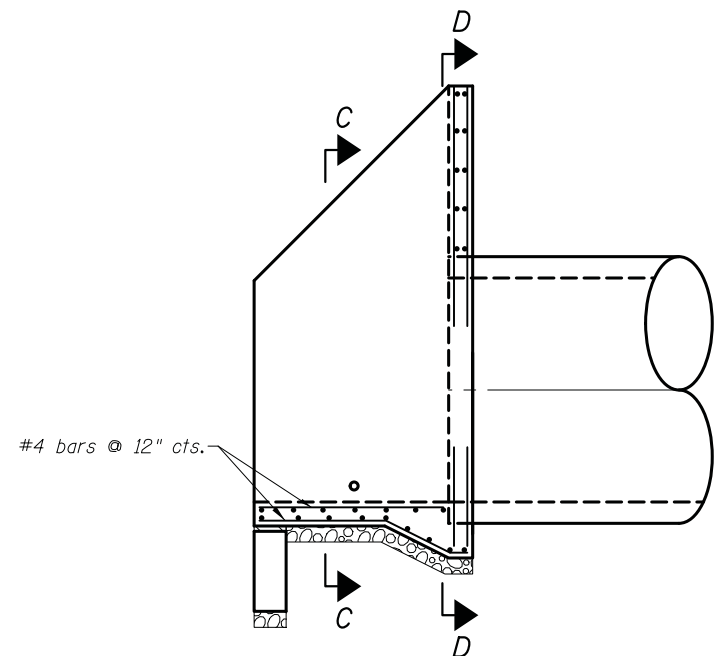
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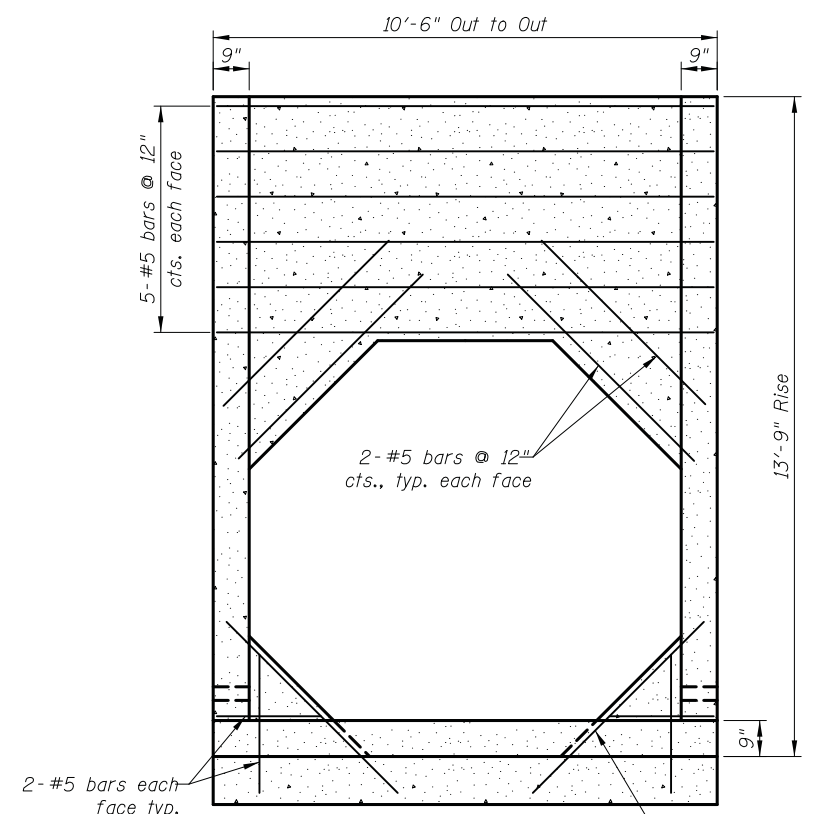
ELEVATION
(Looking South)
(Grating for Concrete End Section (Special) omitted for clarity, see Sheet S7)

LEGEND

	Concrete Headwall Removal, Partial
	Concrete Removal, Special
	Sheet Pile Removal, Special



LONGITUDINAL SECTION
(Showing bottom slab and backwall reinforcement)



SECTION D-D
(Showing backwall reinforcement only.)
(Pipe omitted for clarity.)

SUGGESTED SEQUENCE OF CONSTRUCTION

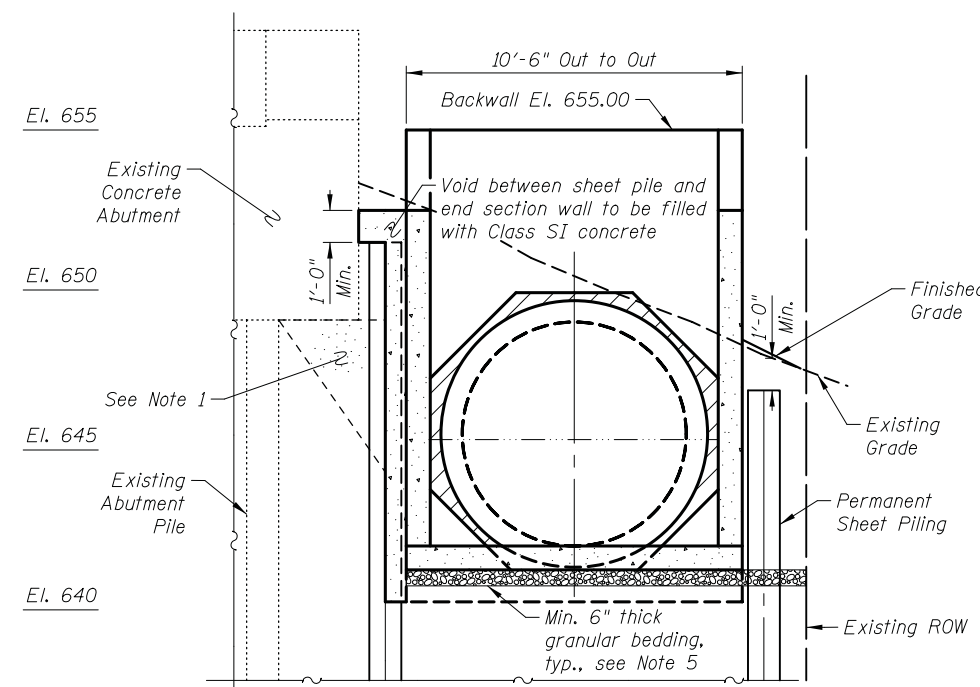
1. Remove existing concrete cap from behind limestone wall and sheet pile wall.
2. Drive temp sheet piling along existing concrete abutment and along existing ROW.
3. Remove existing limestone and sheet piling walls and excavate as needed to install new storm sewer and end section.
4. Place Precast Pipe Culvert End Section as shown in plans.
5. Backfill any voids under the existing concrete abutment with CLSM.
6. Fill excavation void between south end section wall and sheet piling with Class SI concrete.

GENERAL NOTES:

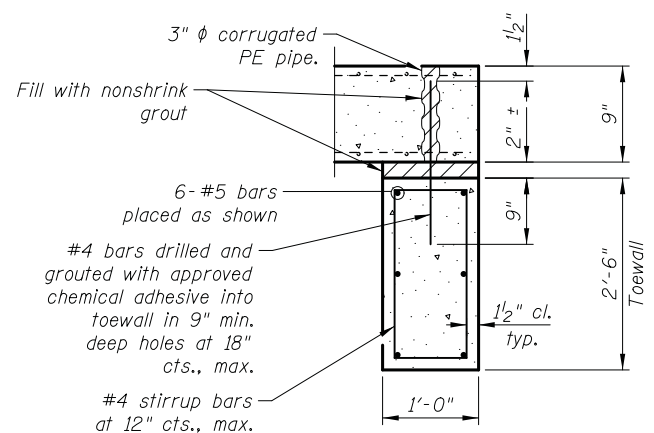
1. Any excavation voids under existing abutments shall be backfilled with CLSM, included with cost of Partial Removal of Existing Structure.

LAP DIMENSION

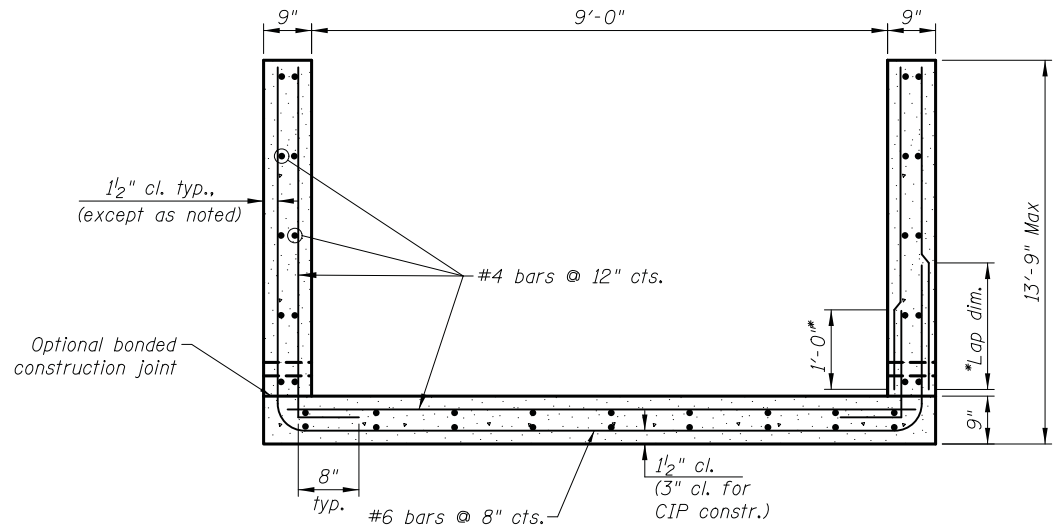
- #4 bar = 1'-5"
- #5 bar = 1'-11"
- #6 bar = 2'-1"



SECTION A-A



SECTION B-B



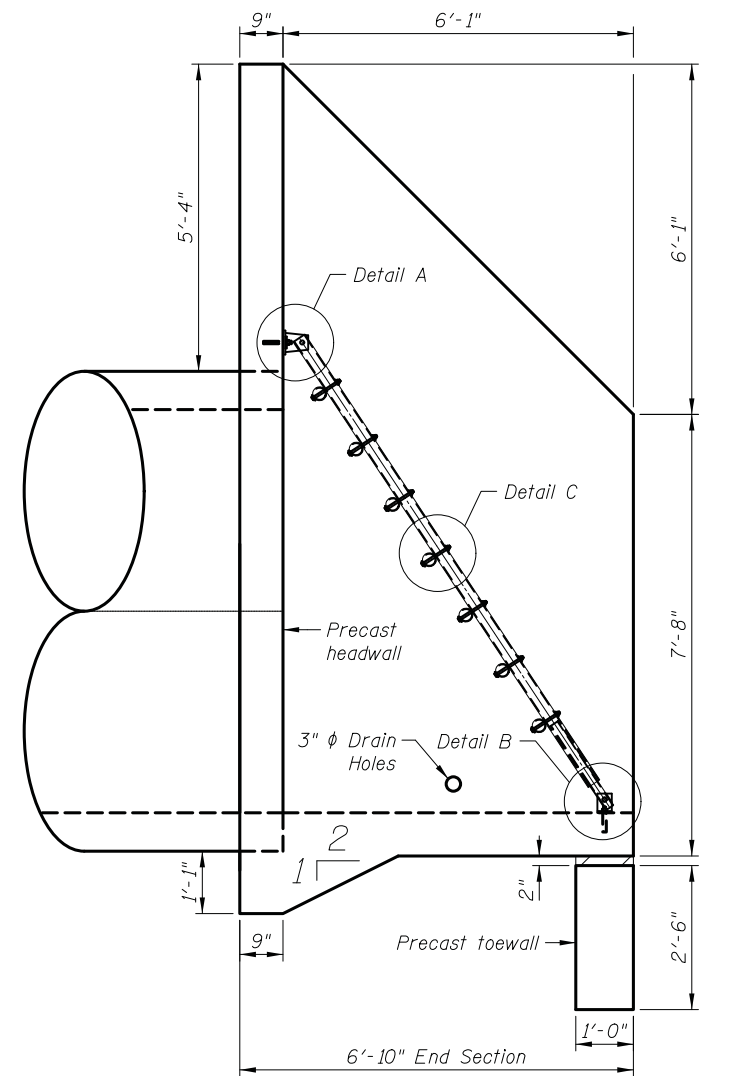
SECTION C-C

*The Contractor may use lap splices for the sidewall reinforcement at the locations shown.

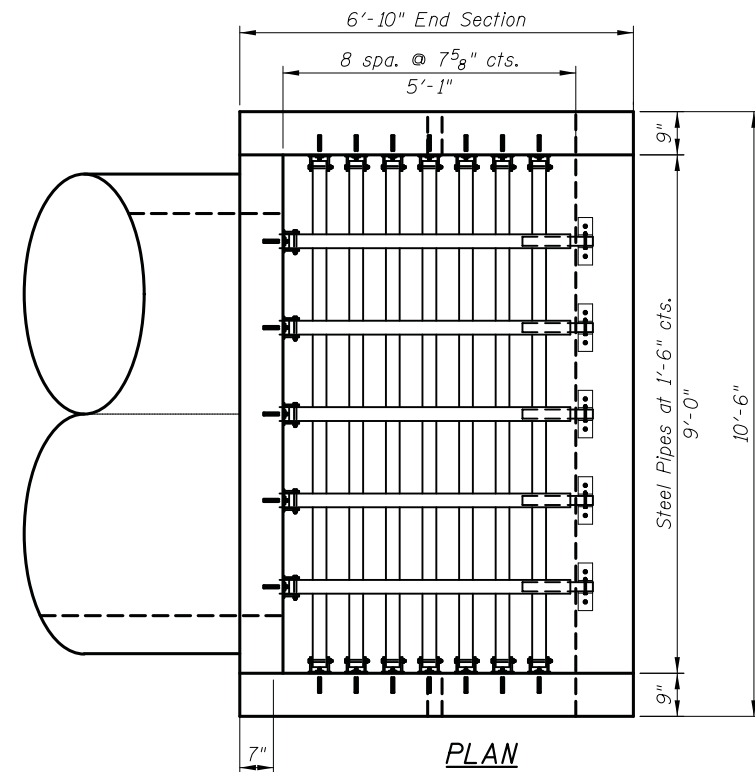
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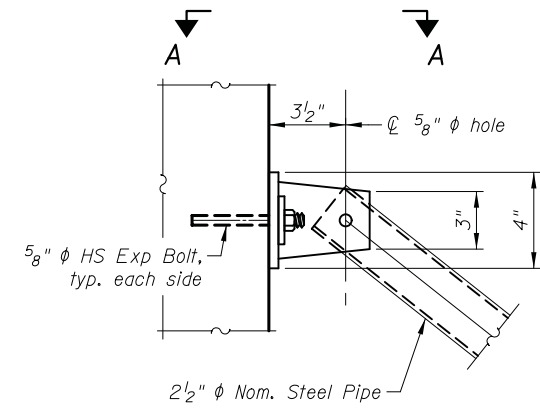
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CONTRACT NO. 61F75				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



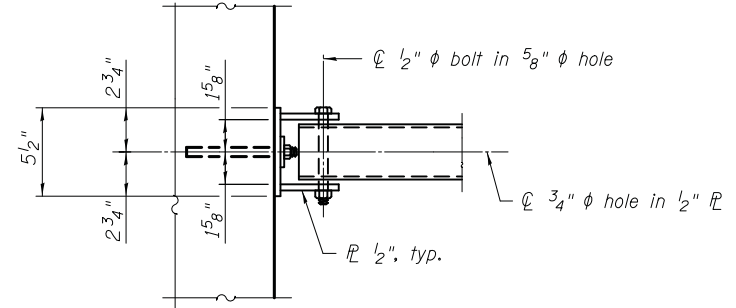
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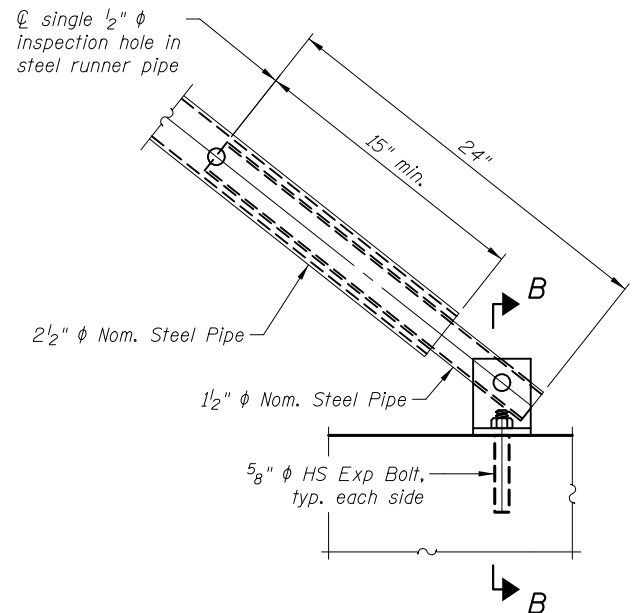
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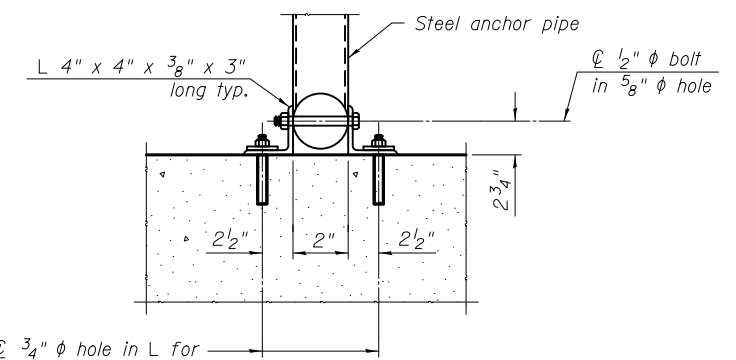
DETAIL A



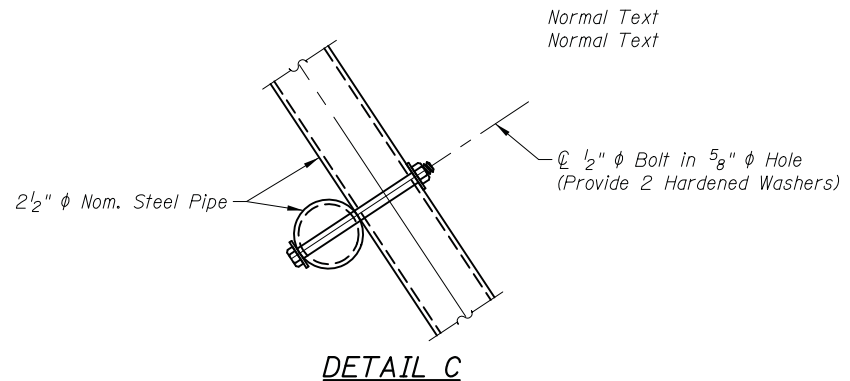
VIEW A-A



DETAIL B



SECTION B-B



DETAIL C

Note: All work shall be in accordance with Section 542 of the Standard Specifications.

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DATE	- 2/13/2019	REVISED	-

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61F75				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

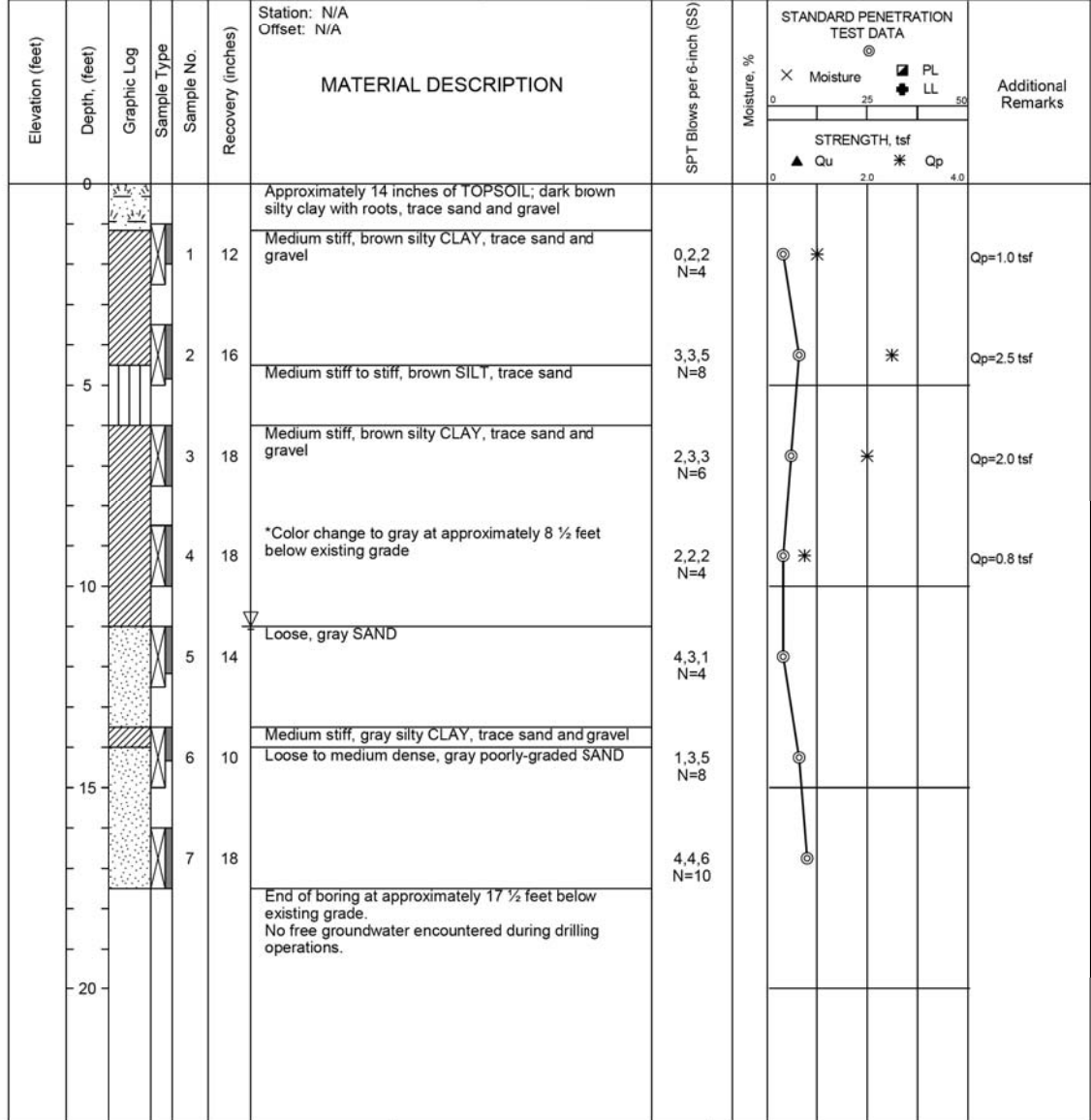


Rubino Engineering, Inc.
665 Tollgate Road, Unit H
Elgin, IL 60123
Telephone: 847-931-1555
Fax: 847-931-1560

LOG OF BORING B-06

Sheet 1 of 1

Rubino Job No.: G18.148	Drilling Method: Hollow Stem Auger	WATER LEVELS
Project: Rockland Road Phase II	Sampling Method: Split Spoon	While Drilling 11
Route: Rockland Road	Hammer Type: CME Automatic	Upon Completion N/A
Contract: Libertyville, Illinois 60048	Structure Number:	Delay N/A
Client: CivilTech	Location: Sta. 131+46.95, Offset 15.71' Lt.	



Completion Depth: 20.0 ft	Sample Types:	Northing:
Date Boring Started: 11/1/18	Auger Cutting	Easting:
Date Boring Completed: 11/1/18	Shelby Tube	Drill Rig: Geoprobe 7822DT
Logged By: J.W.	Hand Auger	Remarks: Hole collapse at 4 feet below existing grade upon auger removal
Drilling Contractor: Rubino Engineering, Inc.	Rock Core	
	Texas Cone	

The stratification lines represent approximate boundaries. The transition may be gradual.

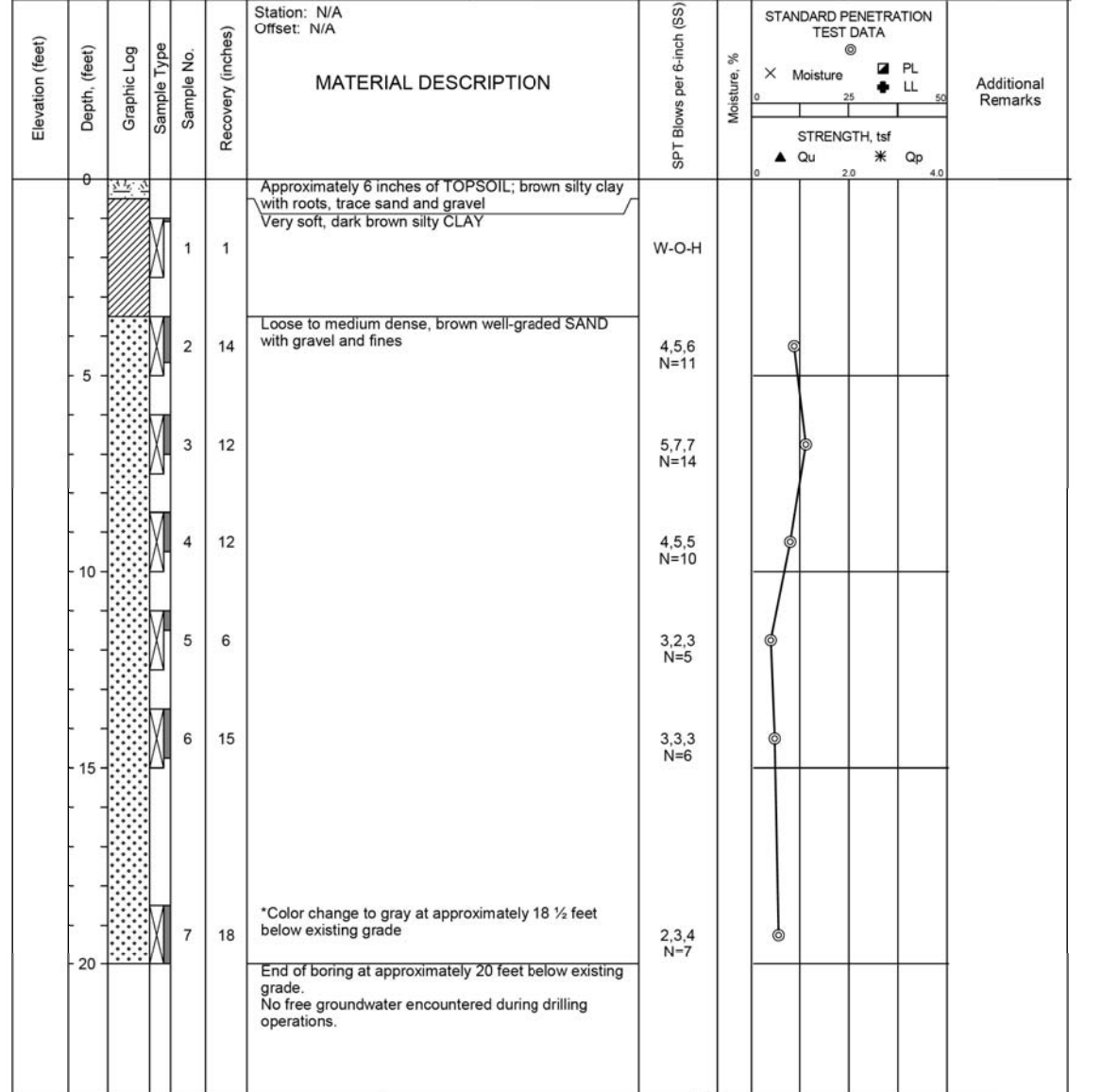


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Elgin, IL 60123
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Fax: 847-931-1560

LOG OF BORING B-07

Sheet 1 of 1

Rubino Job No.: G18.148	Drilling Method: Hollow Stem Auger	WATER LEVELS
Project: Rockland Road Phase II	Sampling Method: Split Spoon	While Drilling 13 1/2
Route: Rockland Road	Hammer Type: CME Automatic	Upon Completion N/A
Contract: Libertyville, Illinois 60048	Structure Number:	Delay N/A
Client: CivilTech	Location: Sta. 134+26.64, Offset 20.40' Lt.	



Completion Depth: 20.0 ft	Sample Types:	Northing:
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Logged By: J.W.	Hand Auger	Remarks: Hole collapse at 7 1/2 feet below existing grade upon auger removal
Drilling Contractor: Rubino Engineering, Inc.	Rock Core	
	Texas Cone	

The stratification lines represent approximate boundaries. The transition may be gradual.

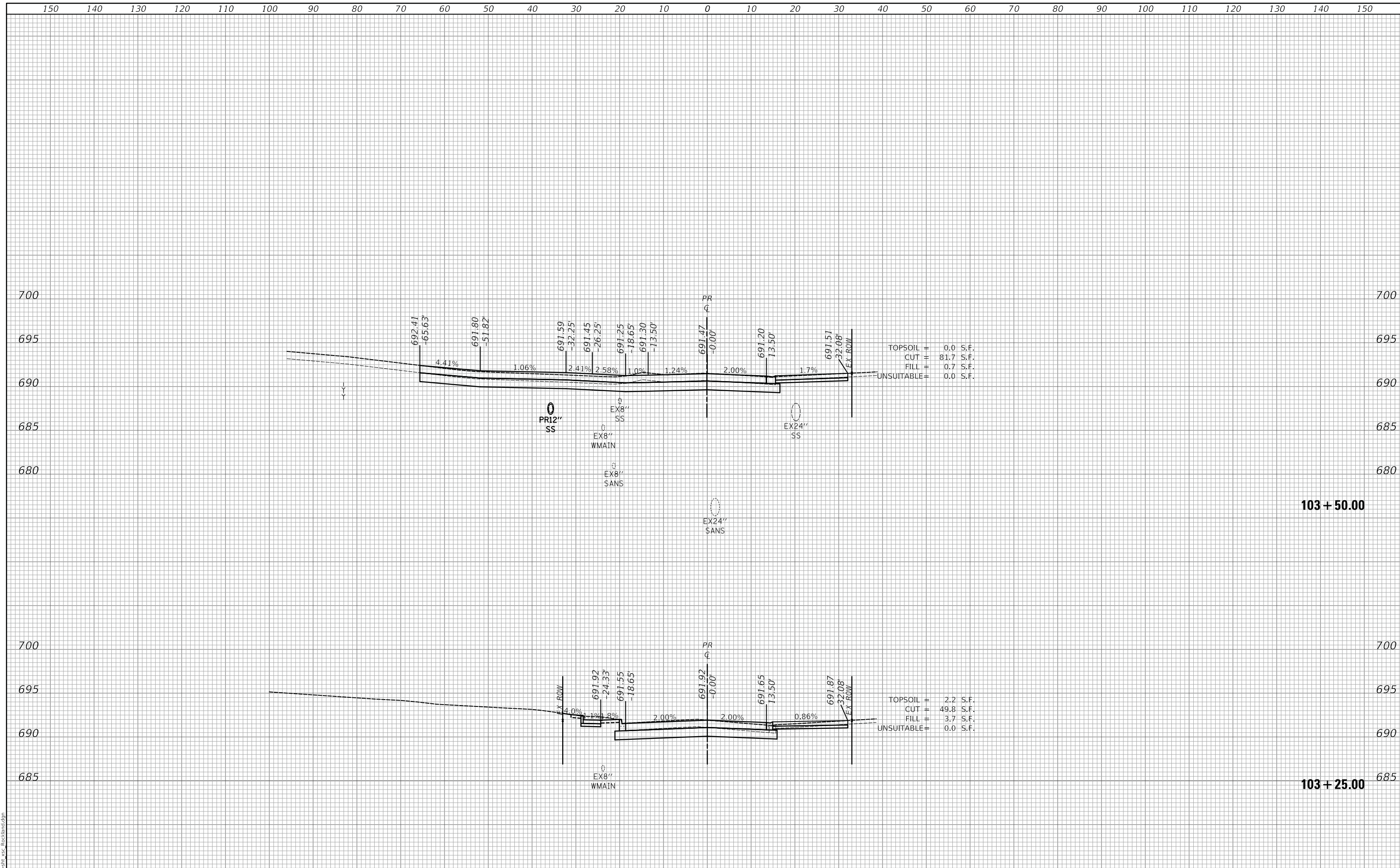
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

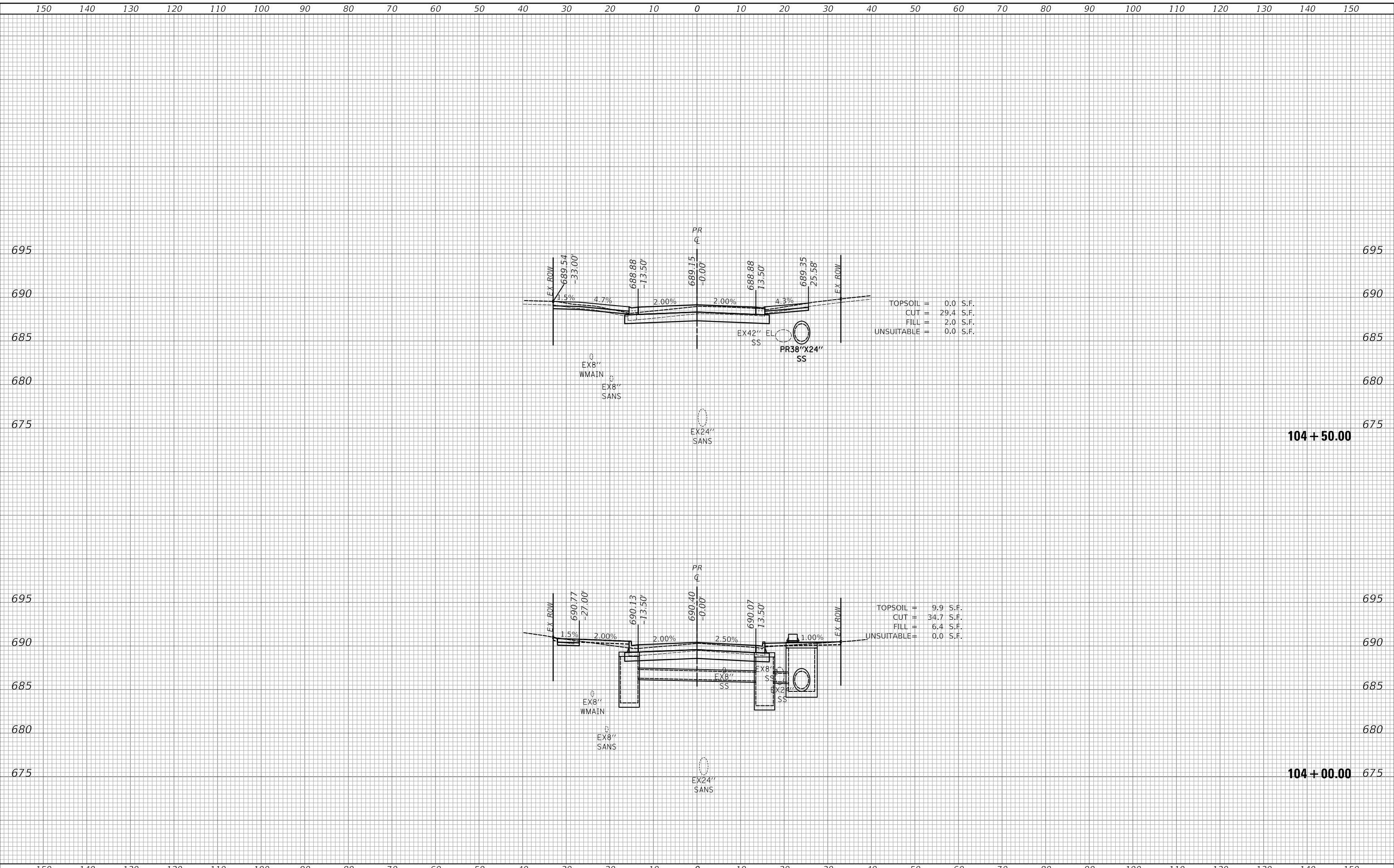
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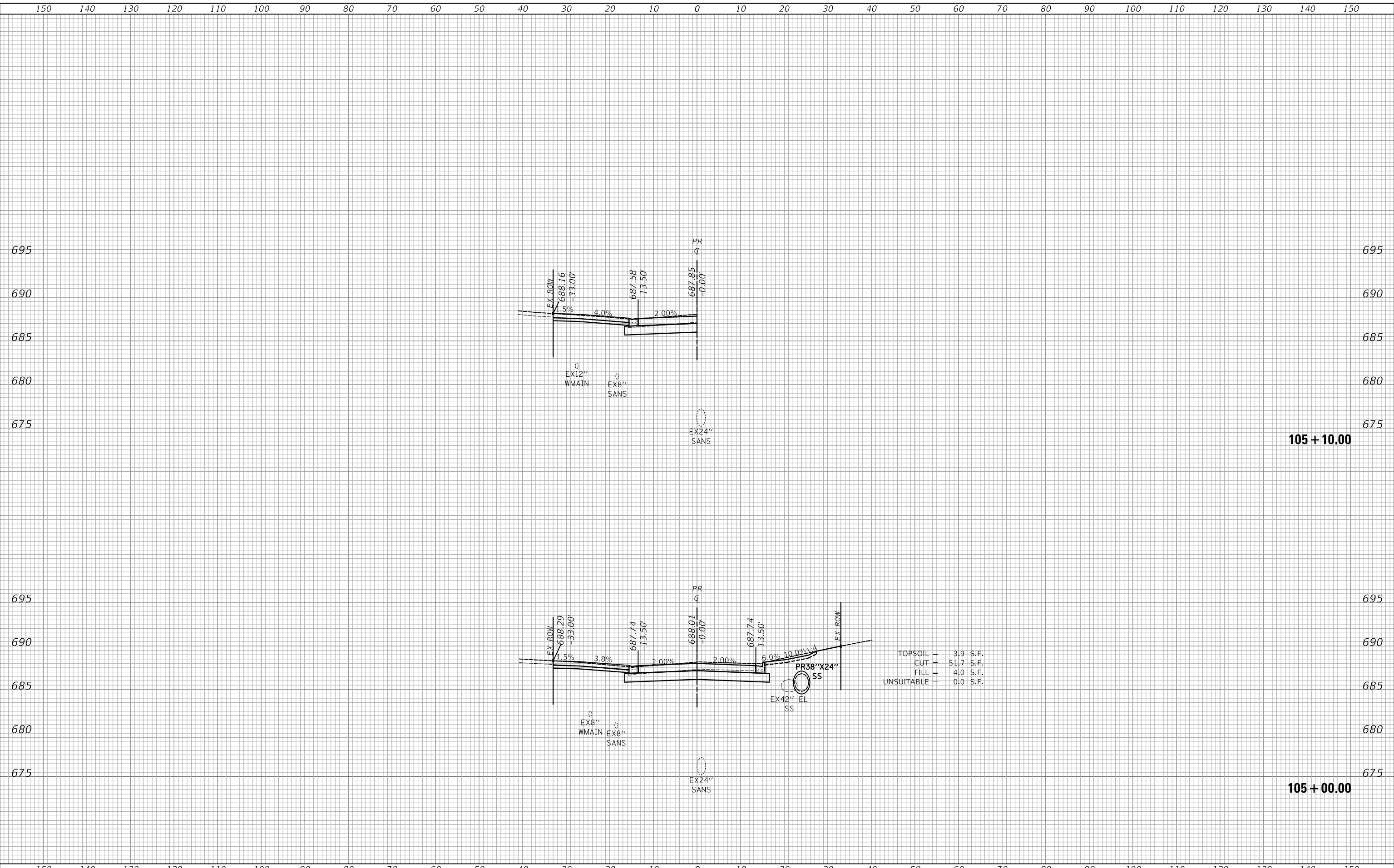


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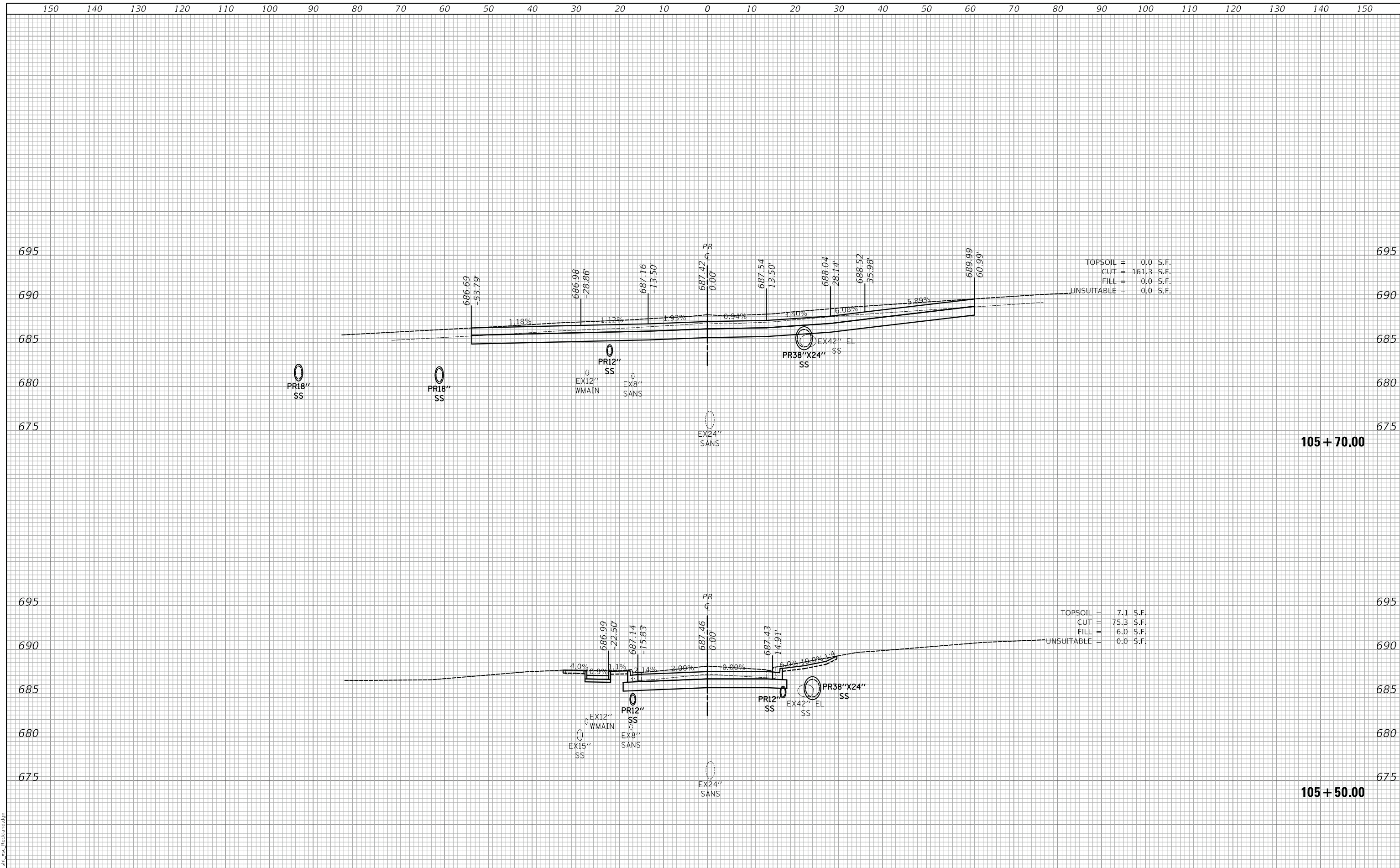


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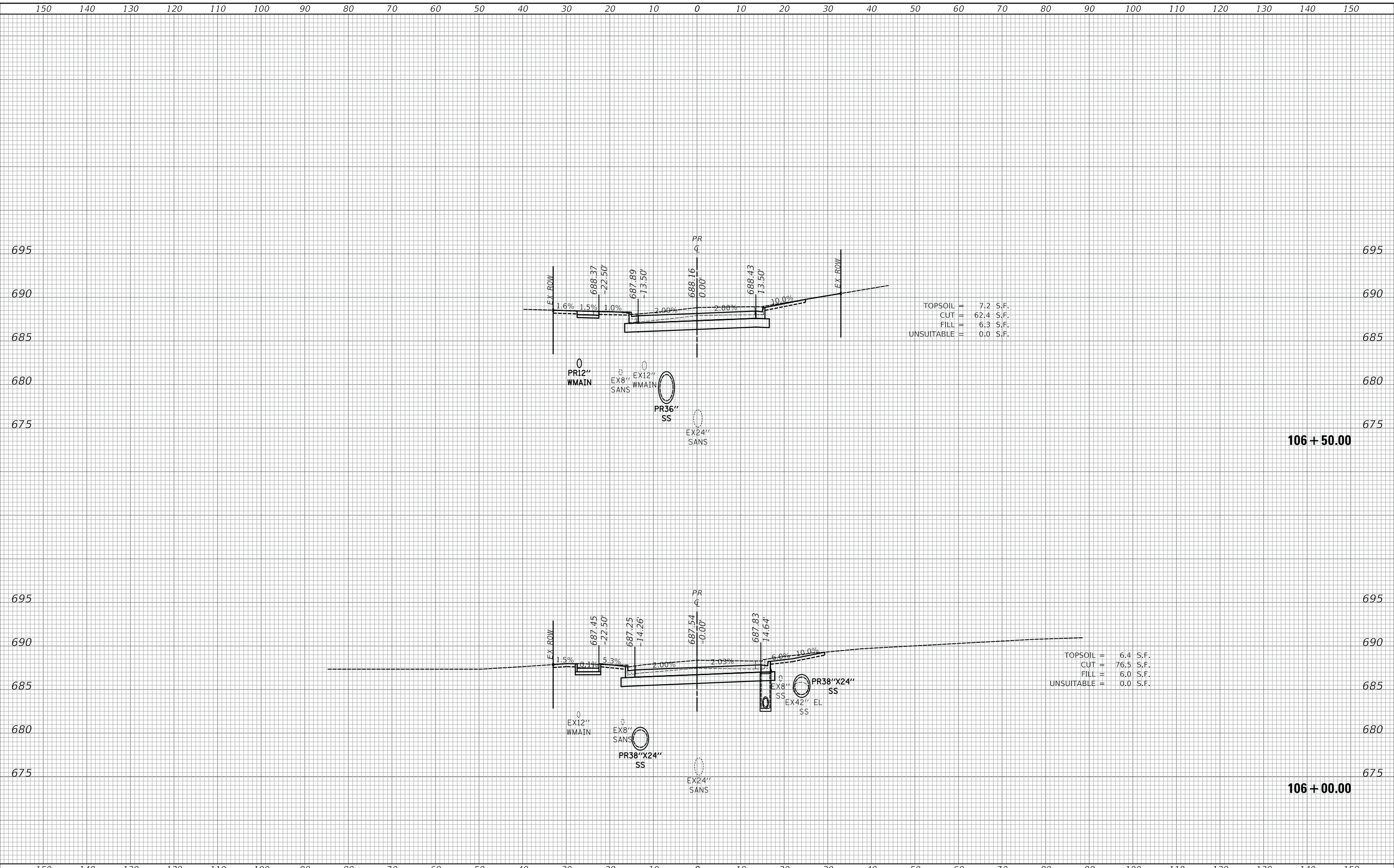
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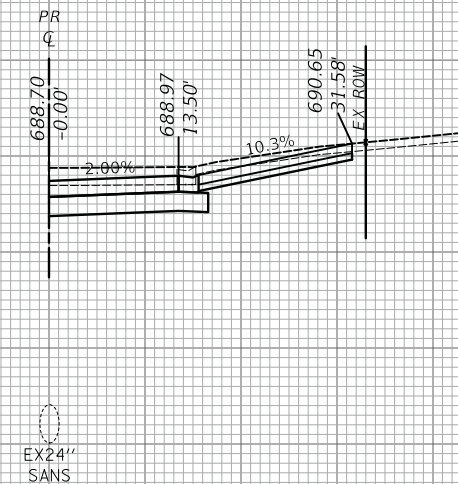
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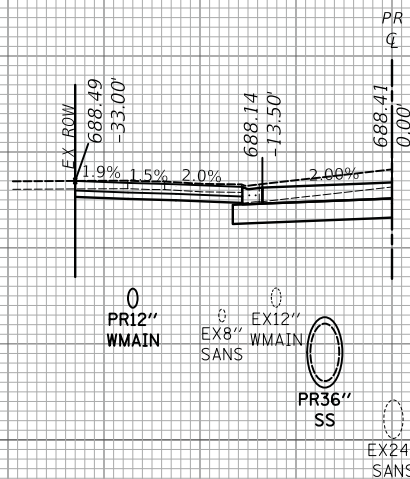


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NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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675

695
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106 + 68.00

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - ROCKLAND ROAD

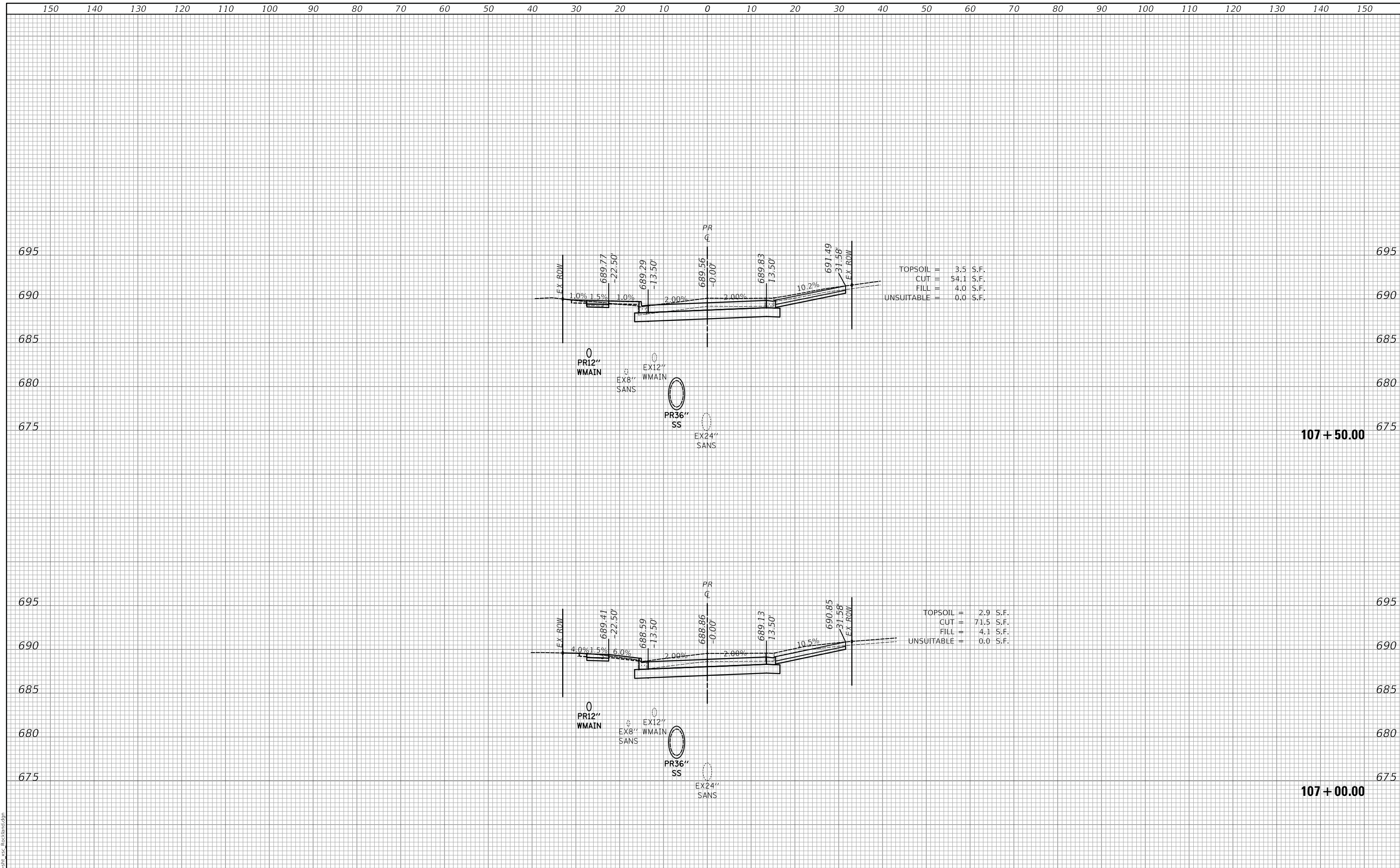
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



TOPSOIL = 3.5 S.F.
 CUT = 54.1 S.F.
 FILL = 4.0 S.F.
 UNSUITABLE = 0.0 S.F.

TOPSOIL = 2.9 S.F.
 CUT = 71.5 S.F.
 FILL = 4.1 S.F.
 UNSUITABLE = 0.0 S.F.

107 + 50.00

107 + 00.00

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	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

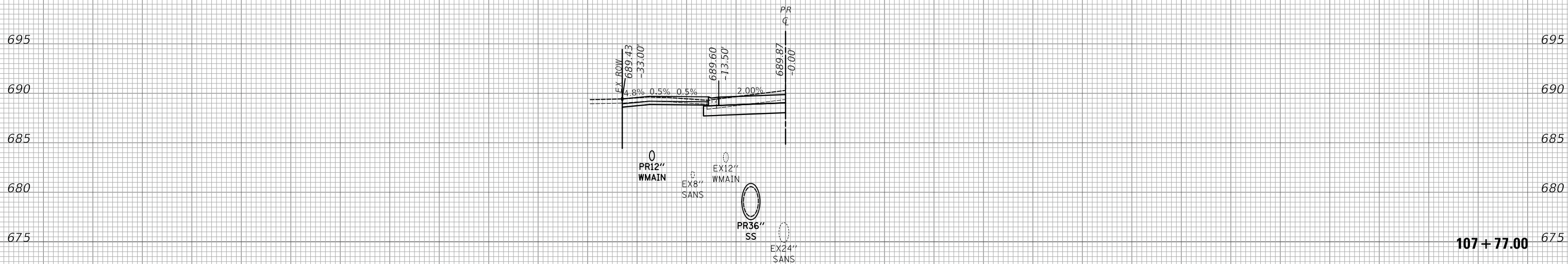
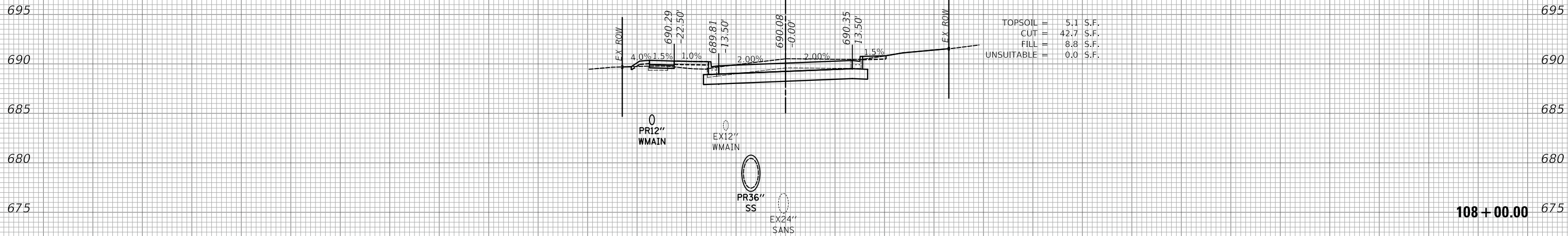
SCALE: SHEET 7 OF 56 SHEETS STA. 107+00.00 TO STA. 107+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	119
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = mc	DESIGNED -	REVISIED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISIED -
PLOT DATE = 2/13/2019	CHECKED -	REVISIED -
	DATE - 02/13/2019	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 8 OF 56 SHEETS STA. 107+77.00 TO STA. 108+00.00

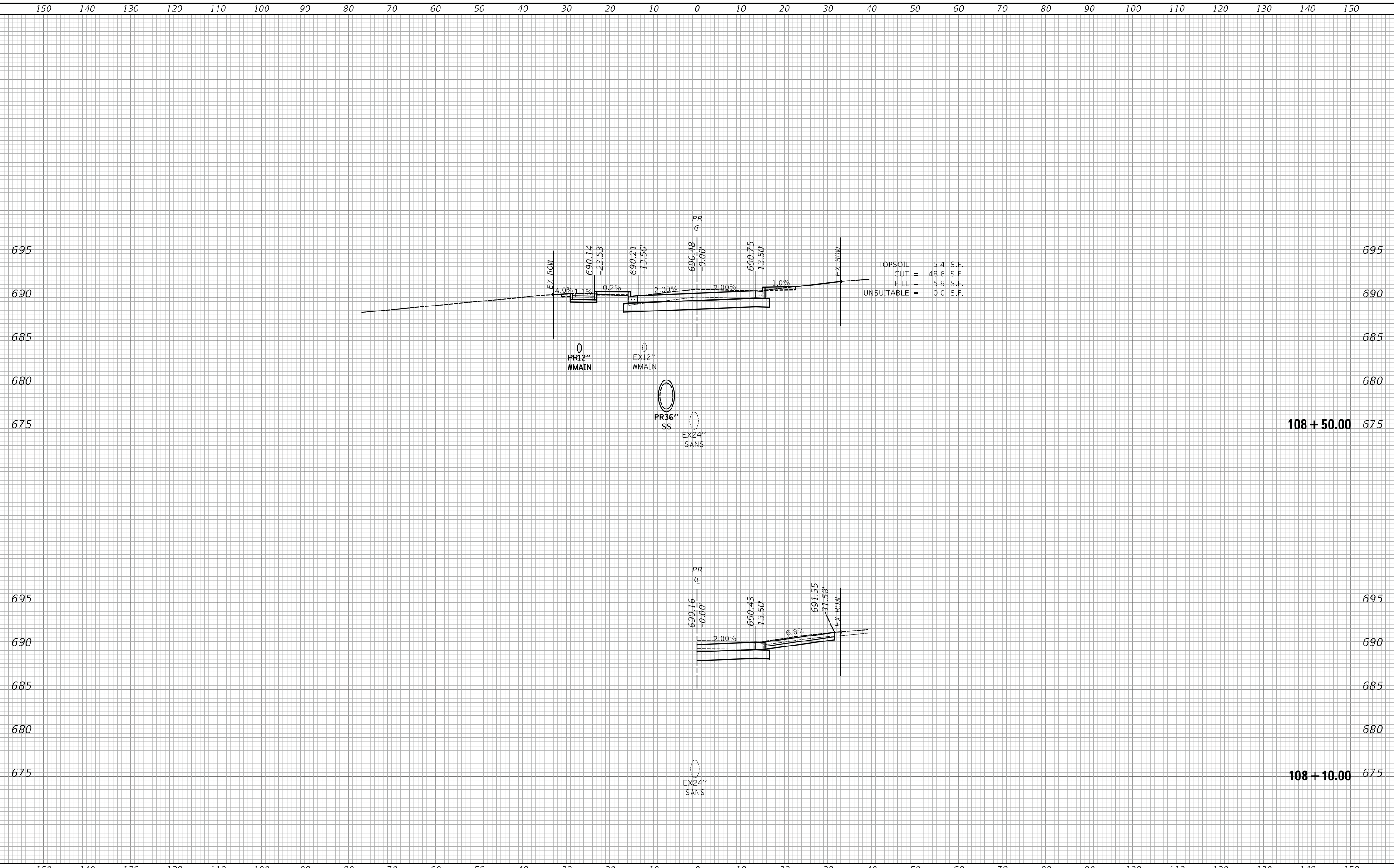
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	120
CONTRACT NO. 61F75				
		ILLINOIS	FED. AID PROJECT	

MODEL: SMODEL\MAMES
FILE NAME: ...3291-shl_xss_Rockland.dgn

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE

MODEL: S:\MODEL\MAMES
FILE NAME: ...3291-rh_xss_Rockland.dgn

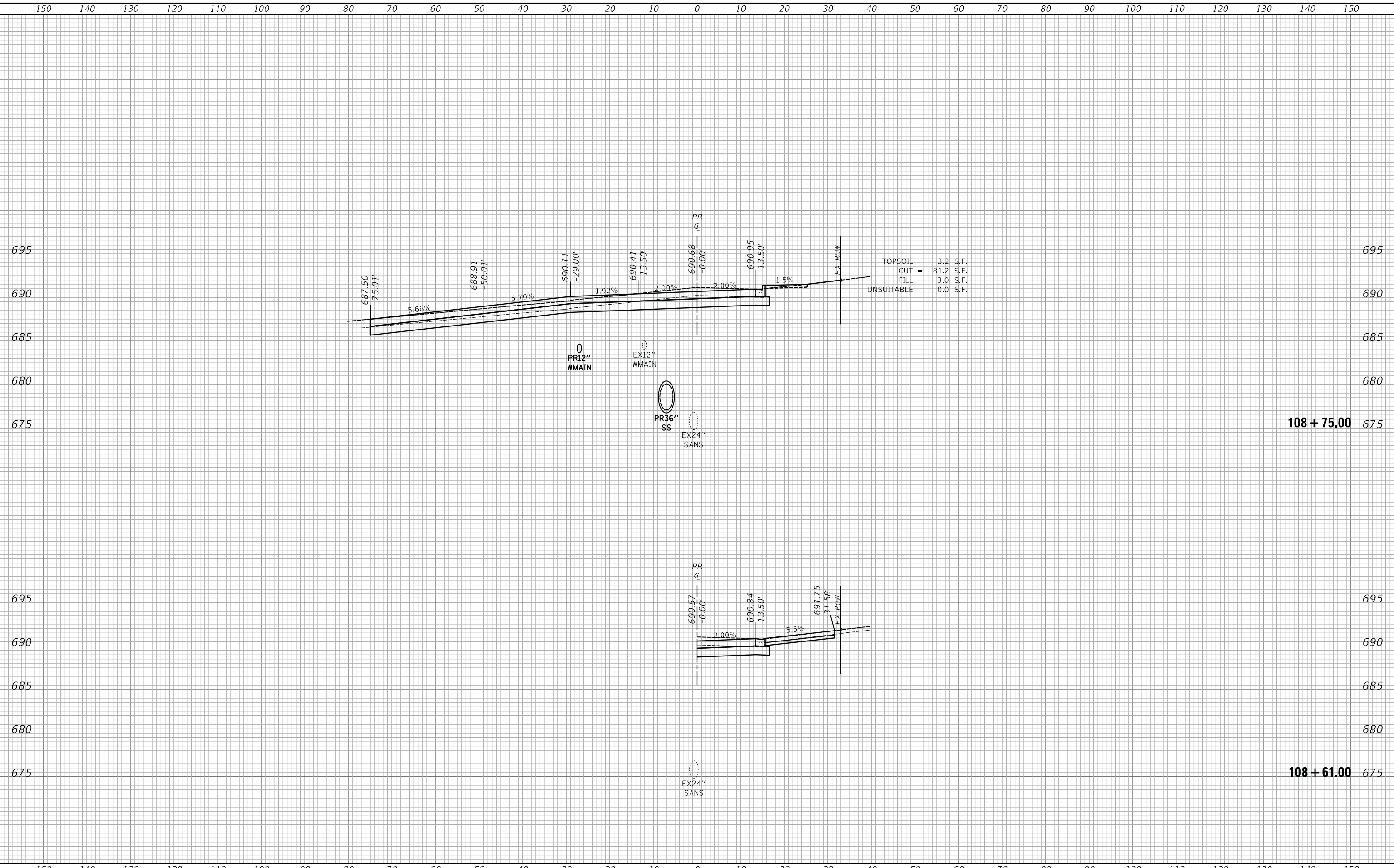


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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISD -					SCALE: SHEET 9 OF 56 SHEETS STA. 108+10.00 TO STA. 108+50.00			CONTRACT NO. 61F75	
PLOT DATE = 2/13/2019	CHECKED -	REVISD -					ILLINOIS FED. AID PROJECT				
	DATE - 02/13/2019	REVISD -									

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		
	CHECKED		

MODEL: S:\MODEL\MAMES
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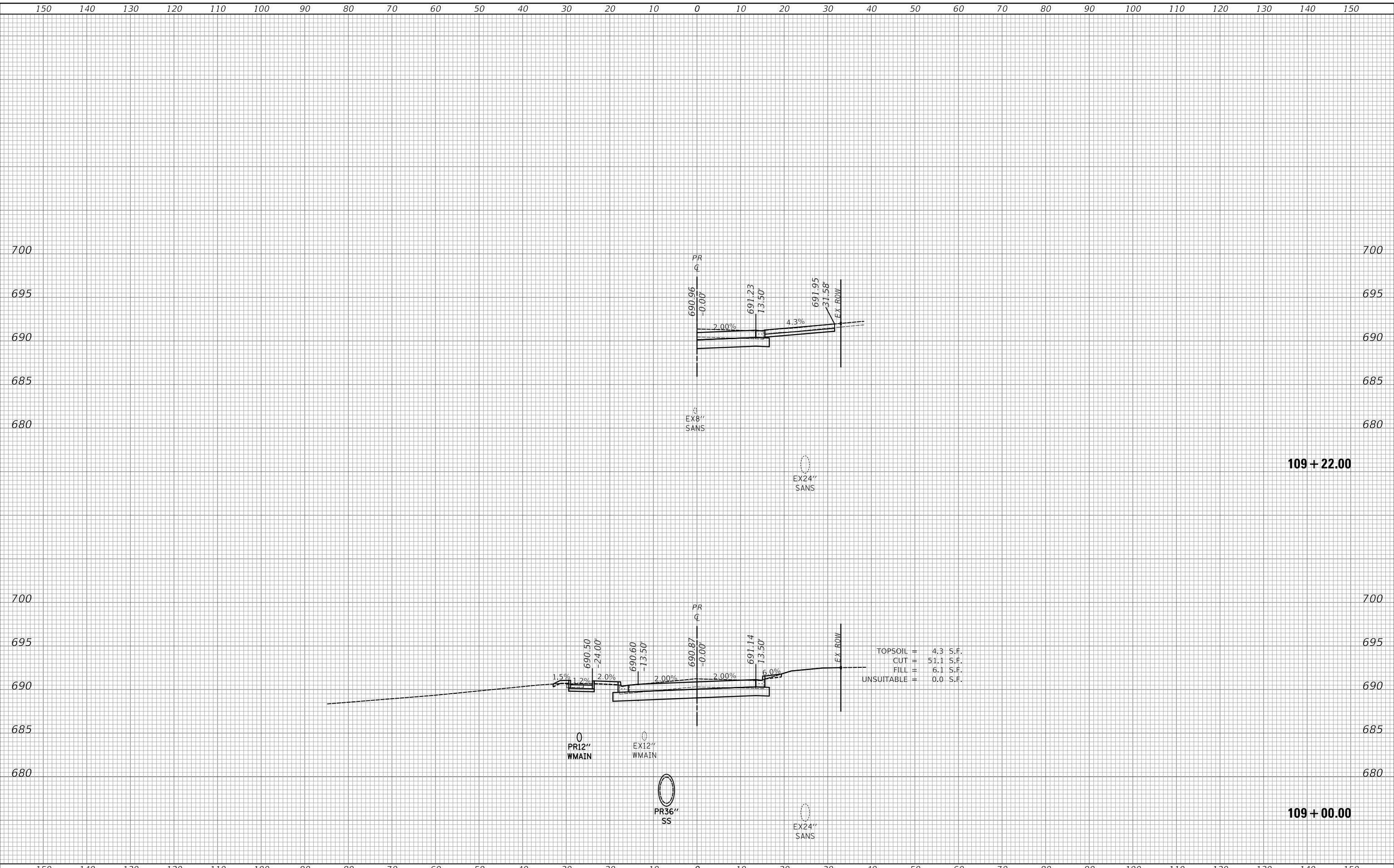
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CUT = 81.2 S.F.
FILL = 3.0 S.F.
UNSUITABLE = 0.0 S.F.

USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD			F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 122
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE:	SHEET 10	OF 56	SHEETS	STA. 108+61.00	TO STA. 108+75.00	CONTRACT NO. 61F75	
PLOT DATE = 2/13/2019	CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT							
	DATE - 02/13/2019	REVISD -									

FINAL SURVEY NO.	SURVEYED AREAS	DATE
PLOTTED TEMPLATE	PLOTTED AREAS	
NOTE BOOK	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE
NOTE BOOK	PLOTTED AREAS	
	AREAS CHECKED	

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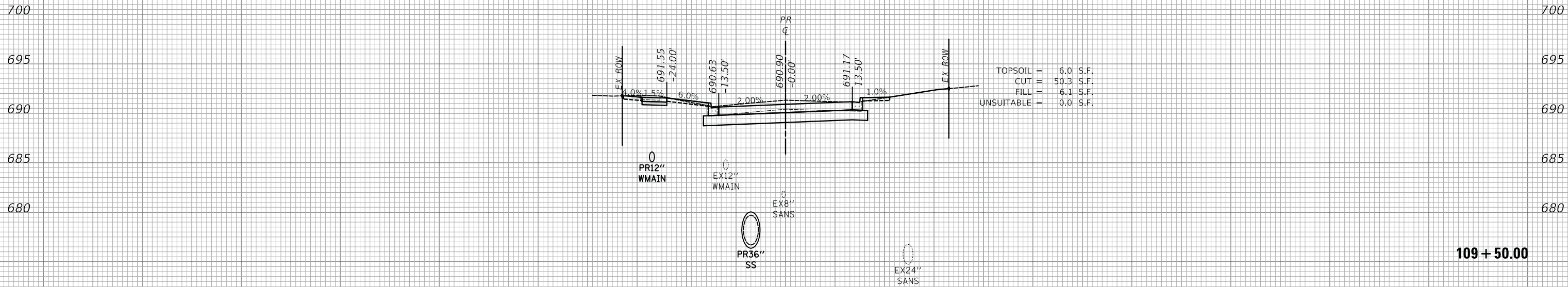
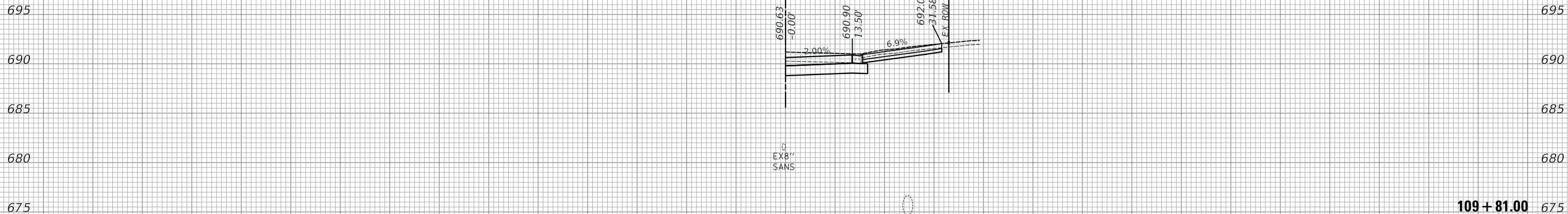


USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD			F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 123
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -					CONTRACT NO. 61F75				
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -		SCALE:	SHEET 11	OF 56	SHEETS	STA. 109+00.00	TO STA. 109+22.00	ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE
	PLOTTED AREAS		
	TEMPLATE AREAS		
	NOTE BOOK AREAS		
	CHECKED AREAS		

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE
	PLOTTED AREAS		
	TEMPLATE AREAS		
	NOTE BOOK AREAS		
	CHECKED AREAS		



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = mc	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 12 OF 56 SHEETS STA. 109+50.00 TO STA. 109+81.00

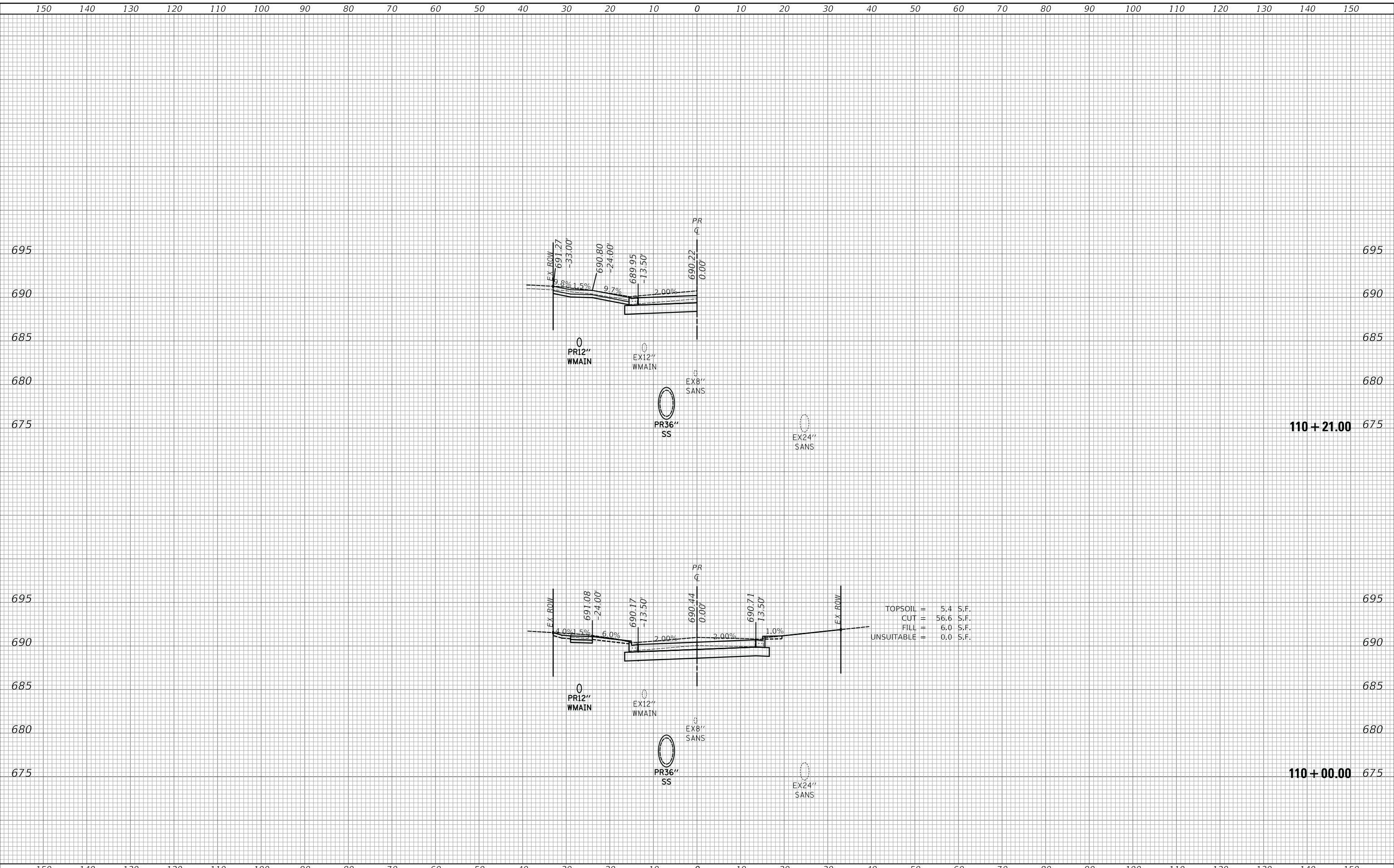
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	124
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

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FILE NAME: ...3291-rd_xss_Rockland.dgn

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

MODEL: S:\MODEL\MAMES
FILE NAME: ...3291-rh_xss_Rockland.dgn



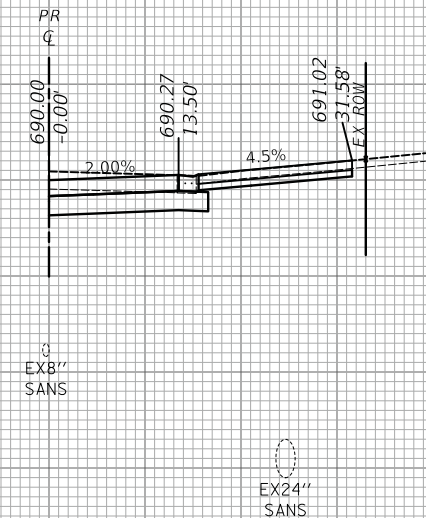
TOPSOIL = 5.4 S.F.
CUT = 56.6 S.F.
FILL = 6.0 S.F.
UNSUITABLE = 0.0 S.F.

150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																										
<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISED -</td></tr> <tr><td></td><td>DRAWN -</td><td>REVISED -</td></tr> <tr><td>PLOT SCALE = 10.0000 ' / in.</td><td>CHECKED -</td><td>REVISED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>DATE - 02/13/2019</td><td>REVISED -</td></tr> </table>												USER NAME = mc	DESIGNED -	REVISED -		DRAWN -	REVISED -	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						CROSS SECTIONS - ROCKLAND ROAD						<table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>1239</td><td>16-00116-00-PV</td><td>LAKE</td><td>168</td><td>125</td></tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1239	16-00116-00-PV	LAKE	168	125	<table border="1"> <tr><td>SCALE:</td><td>SHEET 13 OF 56 SHEETS</td><td>STA. 110+00.00 TO STA. 110+21.00</td></tr> </table>		SCALE:	SHEET 13 OF 56 SHEETS	STA. 110+00.00 TO STA. 110+21.00	<table border="1"> <tr><td>ILLINOIS</td><td>FED. AID PROJECT</td></tr> </table>		ILLINOIS	FED. AID PROJECT
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	DRAWN -	REVISED -																																																						
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -																																																						
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -																																																						
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																				
1239	16-00116-00-PV	LAKE	168	125																																																				
SCALE:	SHEET 13 OF 56 SHEETS	STA. 110+00.00 TO STA. 110+21.00																																																						
ILLINOIS	FED. AID PROJECT																																																							

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

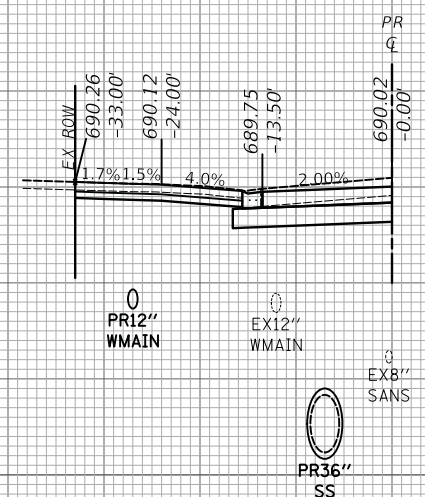
695
690
685
680
675



110 + 43.00

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

695
690
685
680
675



110 + 41.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = mc	DESIGNED -	REVISIED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISIED -
PLOT DATE = 2/13/2019	CHECKED -	REVISIED -
	DATE - 02/13/2019	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 14 OF 56 SHEETS STA. 110+41.00 TO STA. 110+43.00

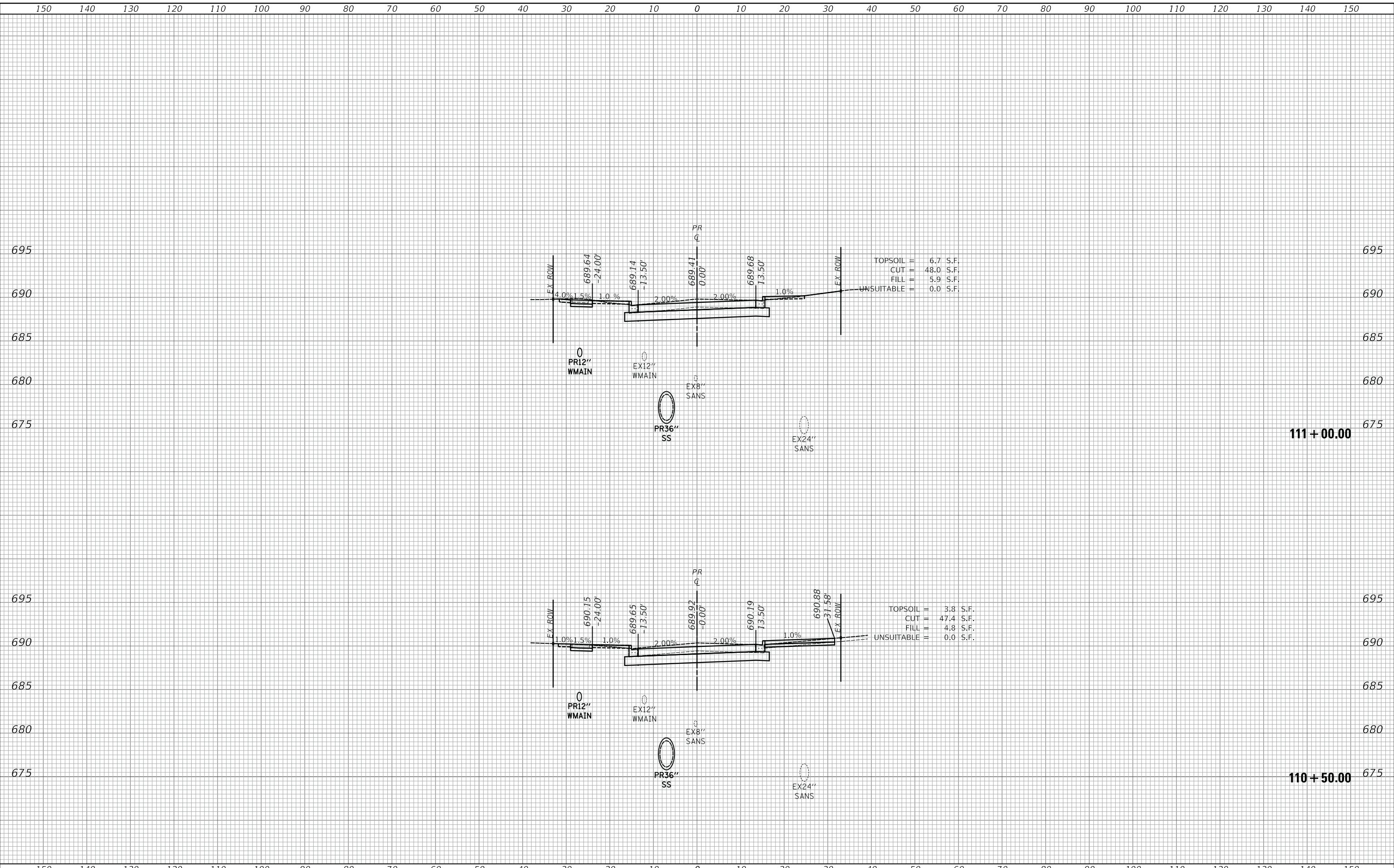
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	126
CONTRACT NO. 61F75				
		ILLINOIS	FED. AID PROJECT	

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FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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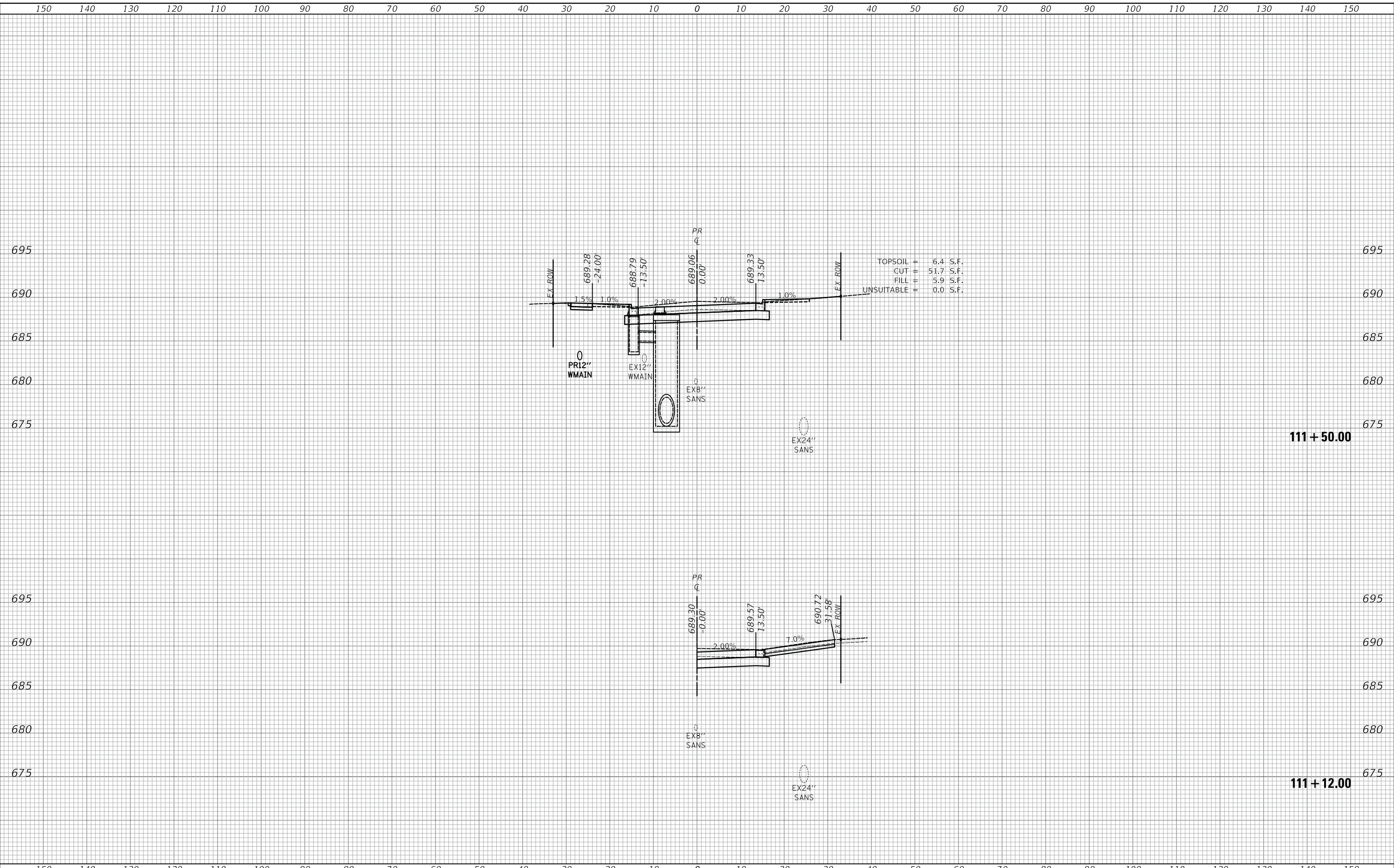


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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -					CONTRACT NO. 61F75				
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISIED -		SCALE:	SHEET 15	OF 56	SHEETS	STA. 110+50.00	TO STA. 111+00.00	ILLINOIS	FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS	
	CHECKED	

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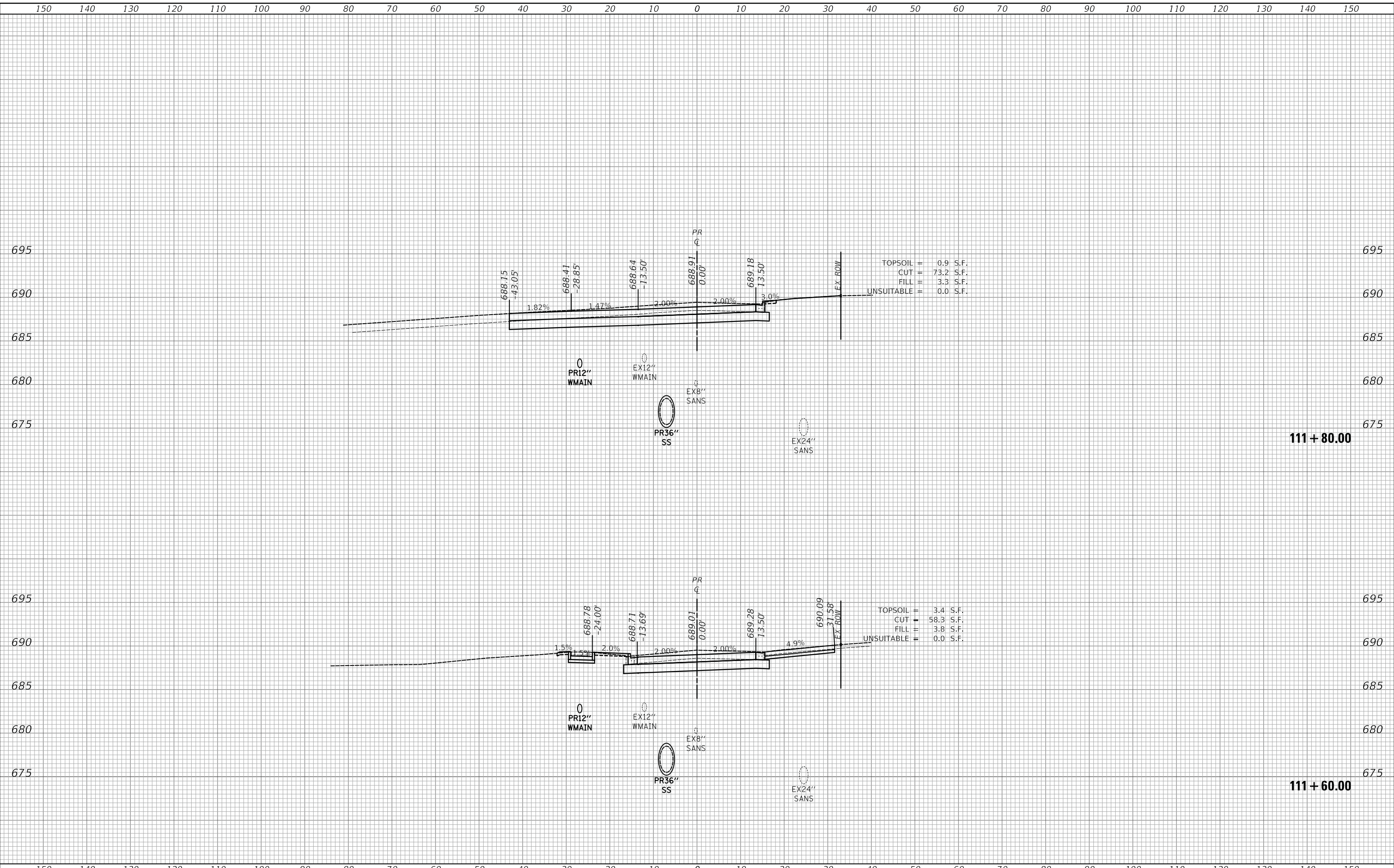


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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISIED -		SCALE:	SHEET 16	OF 56	SHEETS	STA. 111+12.00	TO STA. 111+50.00	CONTRACT NO. 61F75	
PLOT DATE = 2/13/2019	CHECKED -	REVISIED -		ILLINOIS FED. AID PROJECT							
	DATE - 02/13/2019	REVISIED -									

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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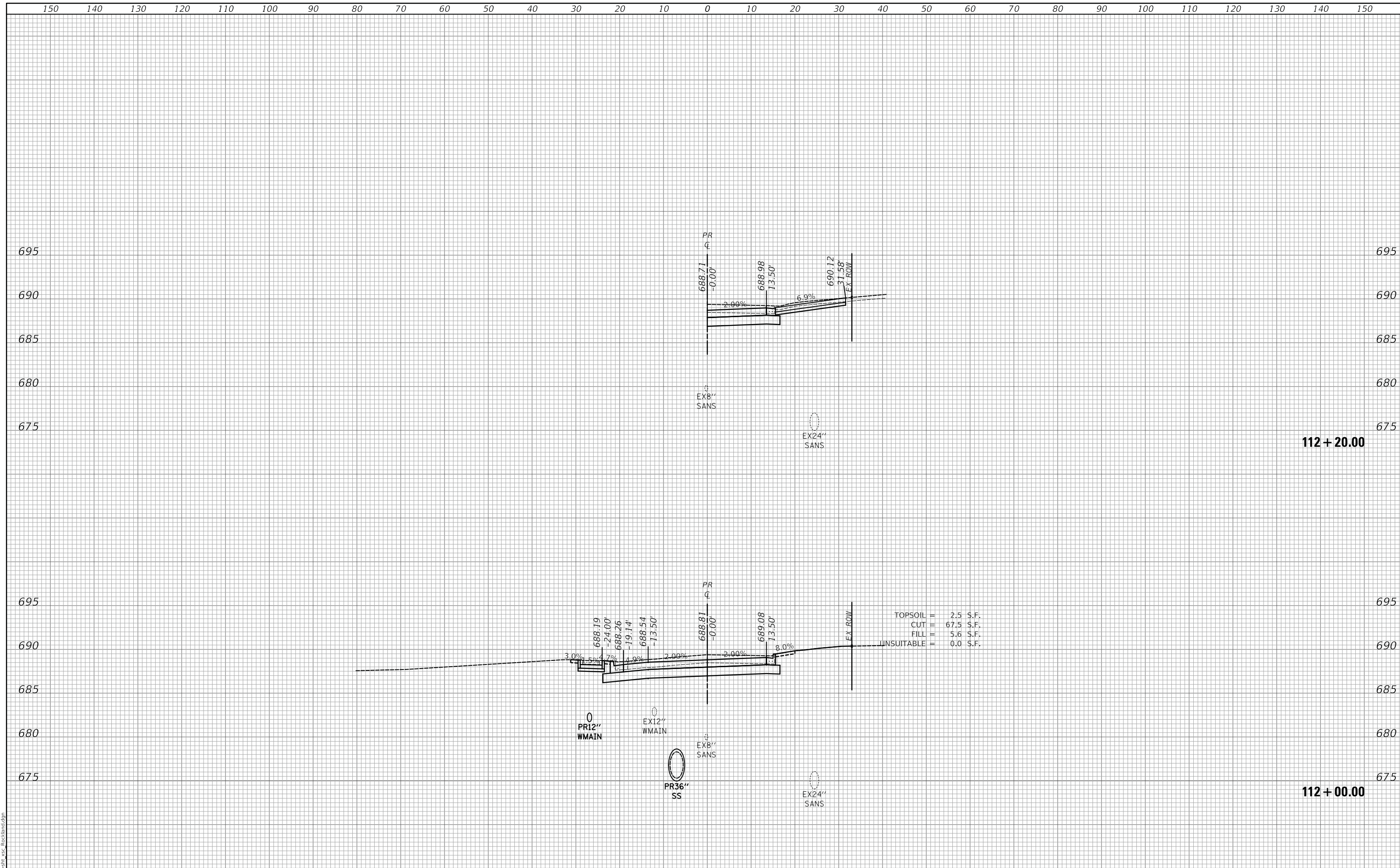
TOPSOIL = 0.9 S.F.
CUT = 73.2 S.F.
FILL = 3.3 S.F.
UNSUITABLE = 0.0 S.F.

TOPSOIL = 3.4 S.F.
CUT = 58.3 S.F.
FILL = 3.8 S.F.
UNSUITABLE = 0.0 S.F.

USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD			F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 129
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE:	SHEET 17	OF 56	SHEETS	STA. 111+60.00	TO STA. 111+80.00	CONTRACT NO. 61F75	
PLOT DATE = 2/13/2019	CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT							
	DATE - 02/13/2019	REVISD -									

FINAL SURVEY NO.	SURVEYED AREAS CHECKED
NOTE BOOK NO.	PLOTTED TEMPLATE AREAS CHECKED
BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED
NOTE BOOK NO.	PLOTTED TEMPLATE AREAS CHECKED
BY	DATE



TOPSOIL	=	2.5 S.F.
CUT	=	67.5 S.F.
FILL	=	5.6 S.F.
UNSUITABLE	=	0.0 S.F.

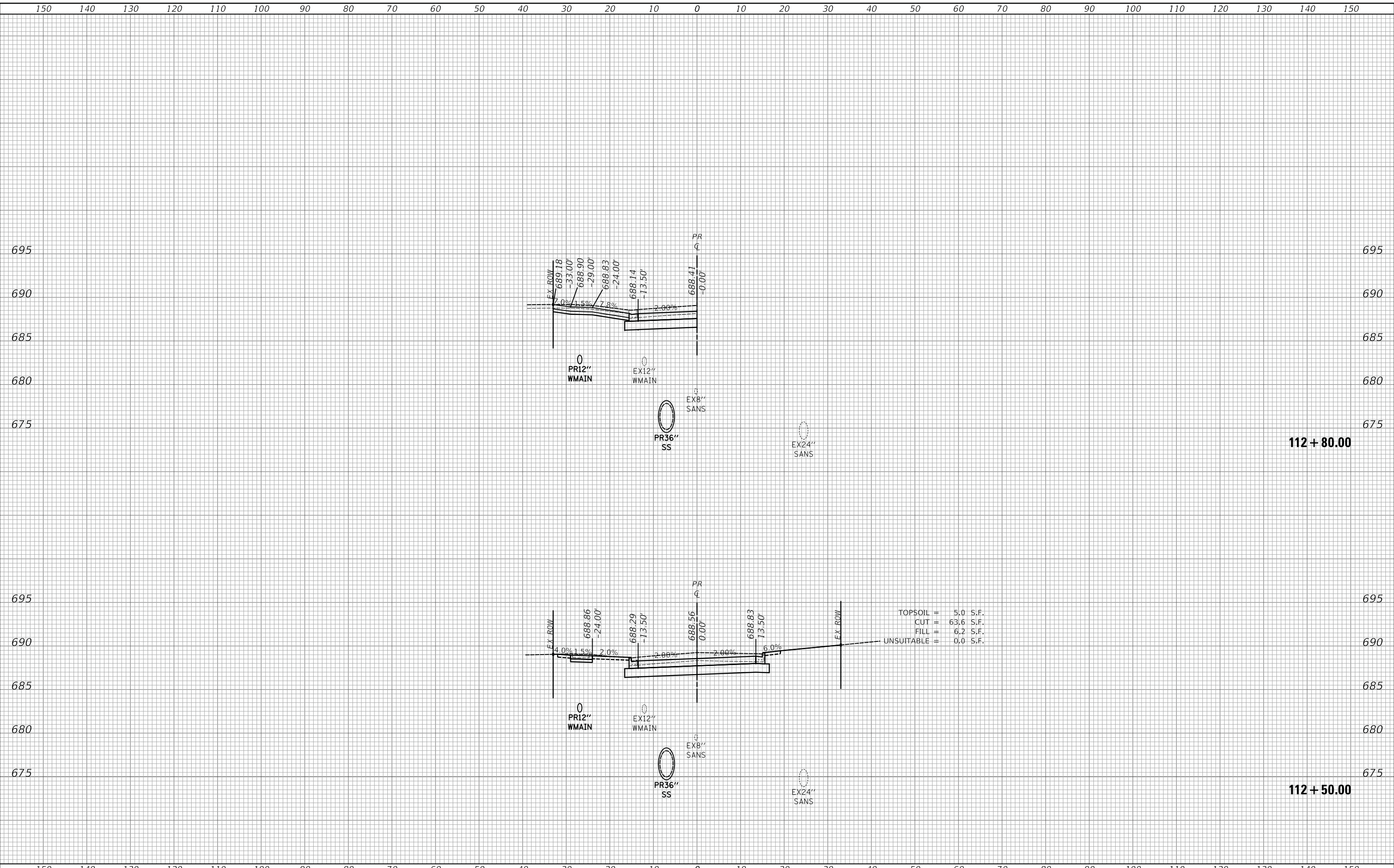
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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISIED -					1239	16-00116-00-PV	LAKE	168	130
PLOT DATE = 2/13/2019	CHECKED -	REVISIED -		SCALE: SHEET 18 OF 56 SHEETS STA. 112+00.00 TO STA. 112+20.00			CONTRACT NO. 61F75				
	DATE - 02/13/2019	REVISIED -					ILLINOIS	FED. AID PROJECT			

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS	
	CHECKED	

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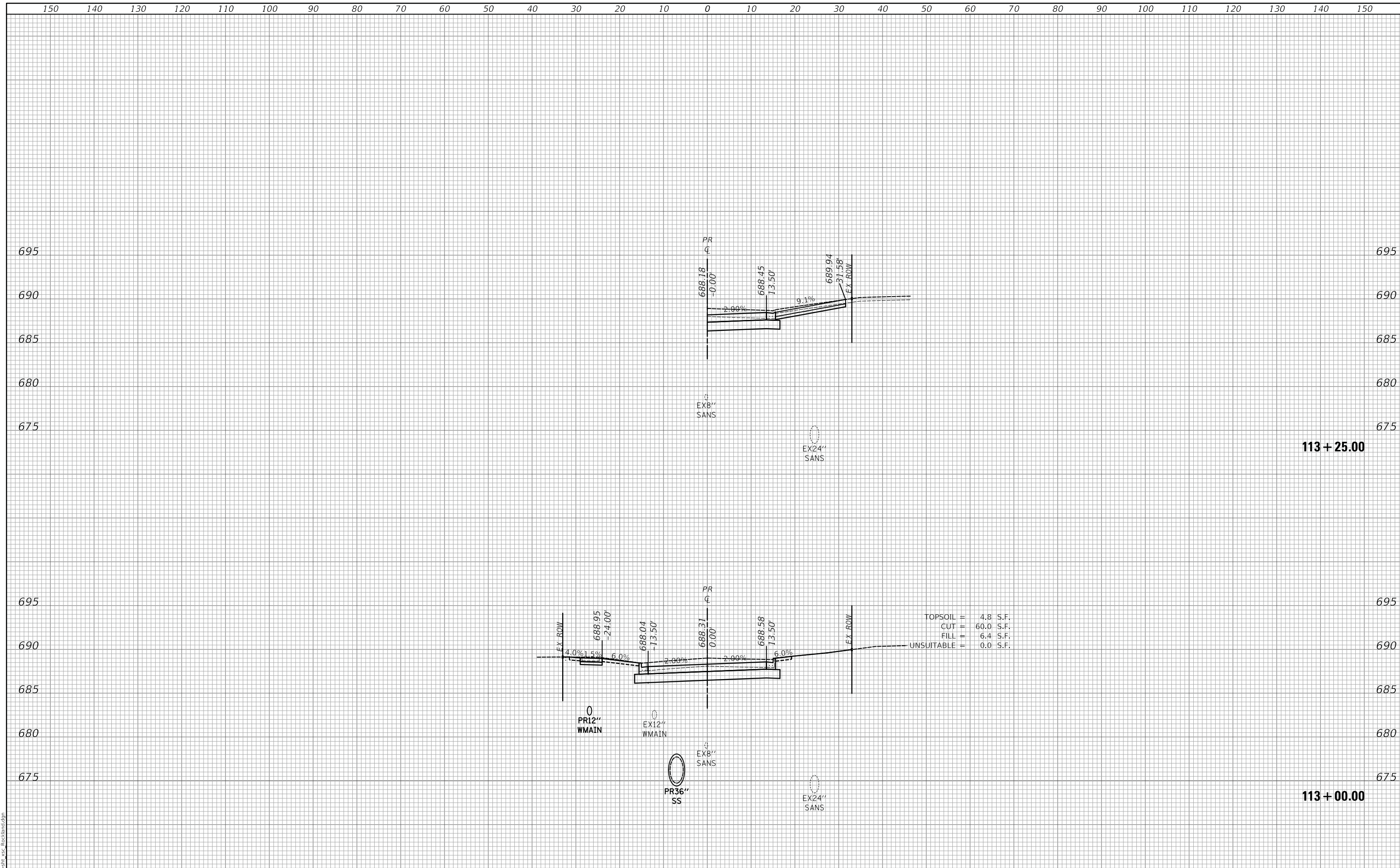


TOPSOIL = 5.0 S.F.
CUT = 63.6 S.F.
FILL = 6.2 S.F.
UNSUITABLE = 0.0 S.F.

150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																																	
<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISED -</td></tr> <tr><td></td><td>DRAWN -</td><td>REVISED -</td></tr> <tr><td>PLOT SCALE = 10.0000 ' / in.</td><td>CHECKED -</td><td>REVISED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>DATE - 02/13/2019</td><td>REVISED -</td></tr> </table>																USER NAME = mc	DESIGNED -	REVISED -		DRAWN -	REVISED -	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										CROSS SECTIONS - ROCKLAND ROAD										<table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>1239</td><td>16-00116-00-PV</td><td>LAKE</td><td>168</td><td>131</td></tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1239	16-00116-00-PV	LAKE	168	131	<table border="1"> <tr><td colspan="2">CONTRACT NO. 61F75</td></tr> </table>		CONTRACT NO. 61F75	
USER NAME = mc	DESIGNED -	REVISED -																																																													
	DRAWN -	REVISED -																																																													
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -																																																													
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -																																																													
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																											
1239	16-00116-00-PV	LAKE	168	131																																																											
CONTRACT NO. 61F75																																																															
SCALE:																SHEET 19		OF 56		SHEETS		STA. 112+50.00		TO STA. 112+80.00		ILLINOIS		FED. AID PROJECT																																			

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



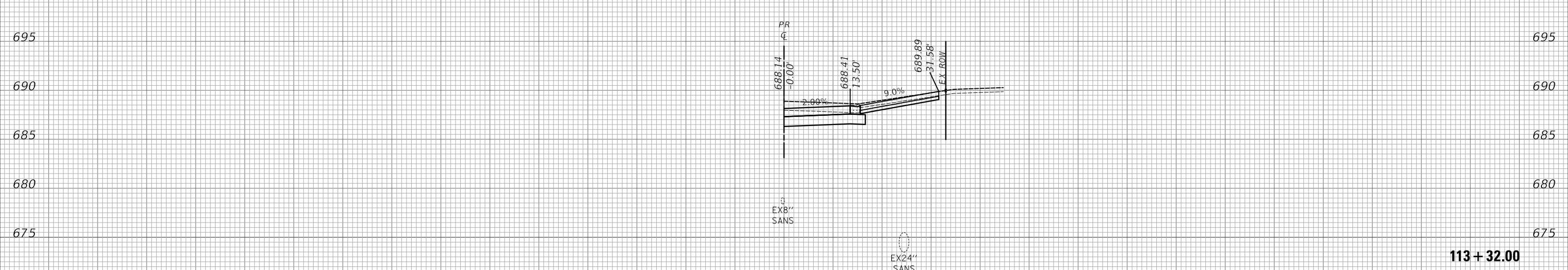
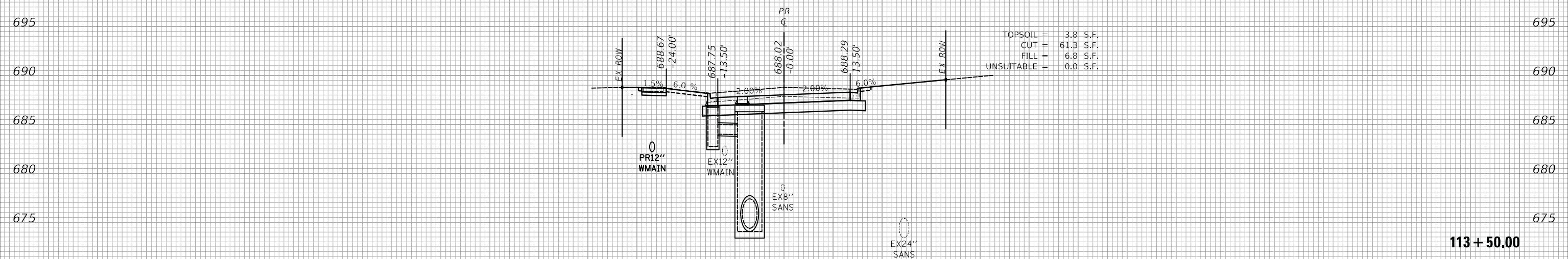
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150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																	
<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISED -</td></tr> <tr><td></td><td>DRAWN -</td><td>REVISED -</td></tr> <tr><td>PLOT SCALE = 10.0000 ' / in.</td><td>CHECKED -</td><td>REVISED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>DATE - 02/13/2019</td><td>REVISED -</td></tr> </table>																USER NAME = mc	DESIGNED -	REVISED -		DRAWN -	REVISED -	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										CROSS SECTIONS - ROCKLAND ROAD									
USER NAME = mc	DESIGNED -	REVISED -																																													
	DRAWN -	REVISED -																																													
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -																																													
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -																																													
																SCALE:		SHEET 20		OF 56		SHEETS		STA. 113+00.00		TO STA. 113+25.00		F.A.U. RTE. 1239		SECTION 16-00116-00-PV		COUNTY LAKE		TOTAL SHEETS 168		SHEET NO. 132											
CONTRACT NO. 61F75																																															
ILLINOIS FED. AID PROJECT																																															

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

MODEL: S:\MODEL\MAMES
FILE NAME: ...3291-rh_xcg_Rockland.dgn

USER NAME = mc	DESIGNED -	REVISD -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISD -
PLOT DATE = 2/13/2019	CHECKED -	REVISD -
	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

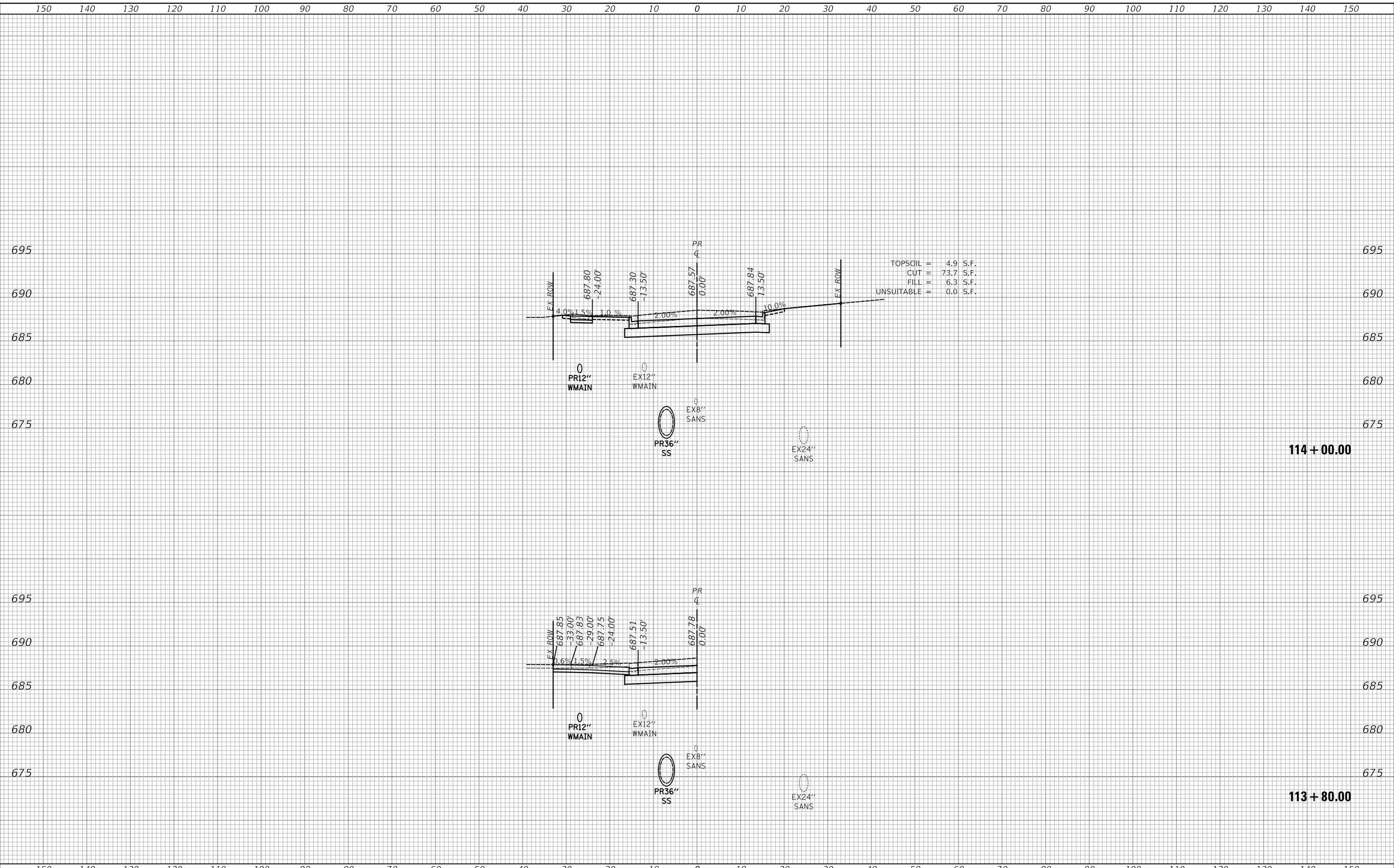
SCALE: SHEET 21 OF 56 SHEETS STA. 113+32.00 TO STA. 113+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	133
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
	TEMPLATE	
	AREAS	
	CHECKED	

MODEL: S:\MODEL\MAMES
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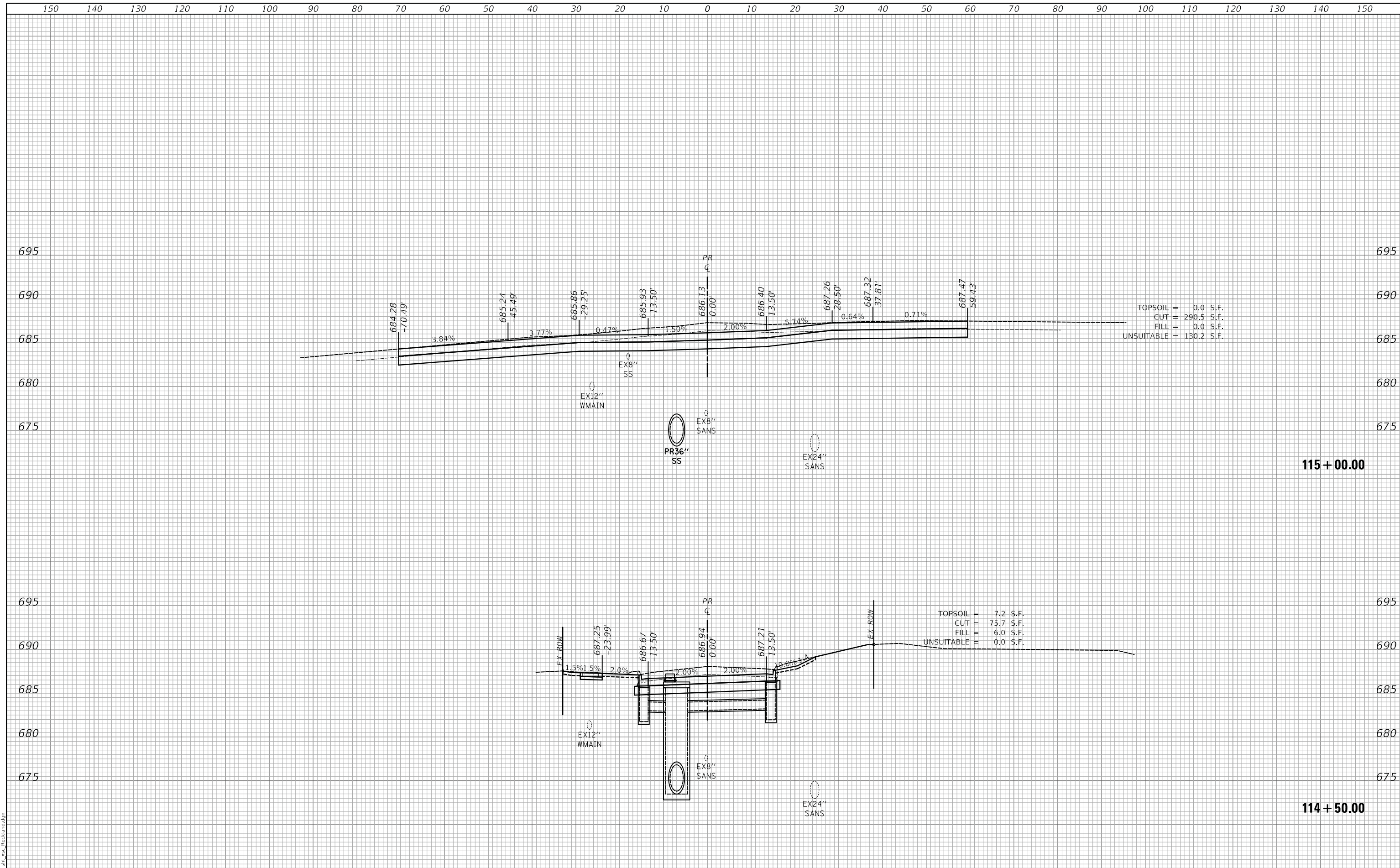


TOPSOIL = 4.9 S.F.
CUT = 73.7 S.F.
FILL = 6.3 S.F.
UNSUITABLE = 0.0 S.F.

USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD			F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 134
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISD -		SCALE:	SHEET 22	OF 56	SHEETS	STA. 113+80.00	TO STA. 114+00.00	CONTRACT NO. 61F75	
PLOT DATE = 2/13/2019	CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT							
	DATE - 02/13/2019	REVISD -									

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		



TOPSOIL = 0.0 S.F.
 CUT = 290.5 S.F.
 FILL = 0.0 S.F.
 UNSUITABLE = 130.2 S.F.

TOPSOIL = 7.2 S.F.
 CUT = 75.7 S.F.
 FILL = 6.0 S.F.
 UNSUITABLE = 0.0 S.F.

MODEL: S:\MODEL\MAMES
 FILE NAME: ...3291-shl_xss_Rockland.dgn

USER NAME = mc	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

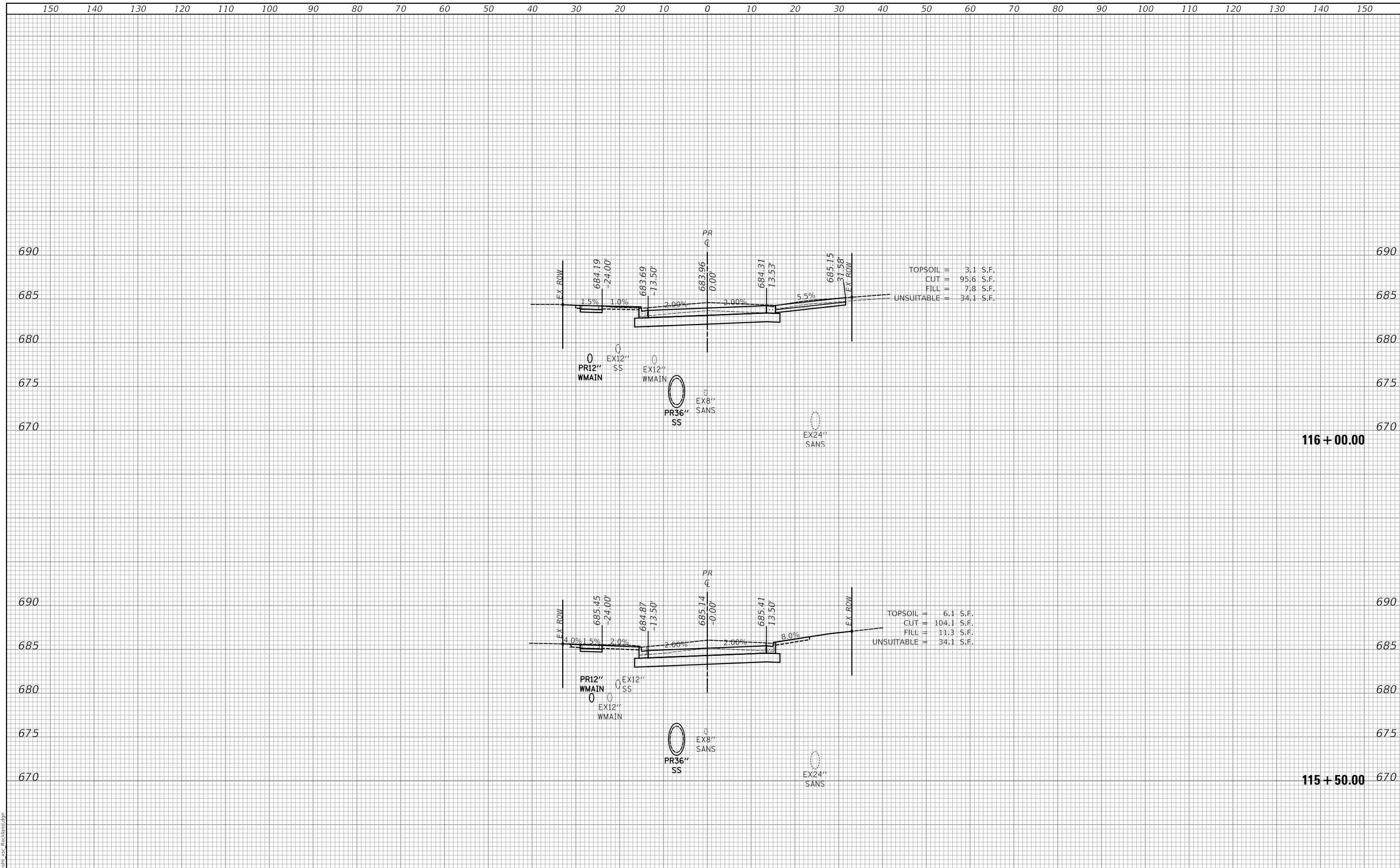
CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 23 OF 56 SHEETS STA. 114+50.00 TO STA. 115+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	135
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

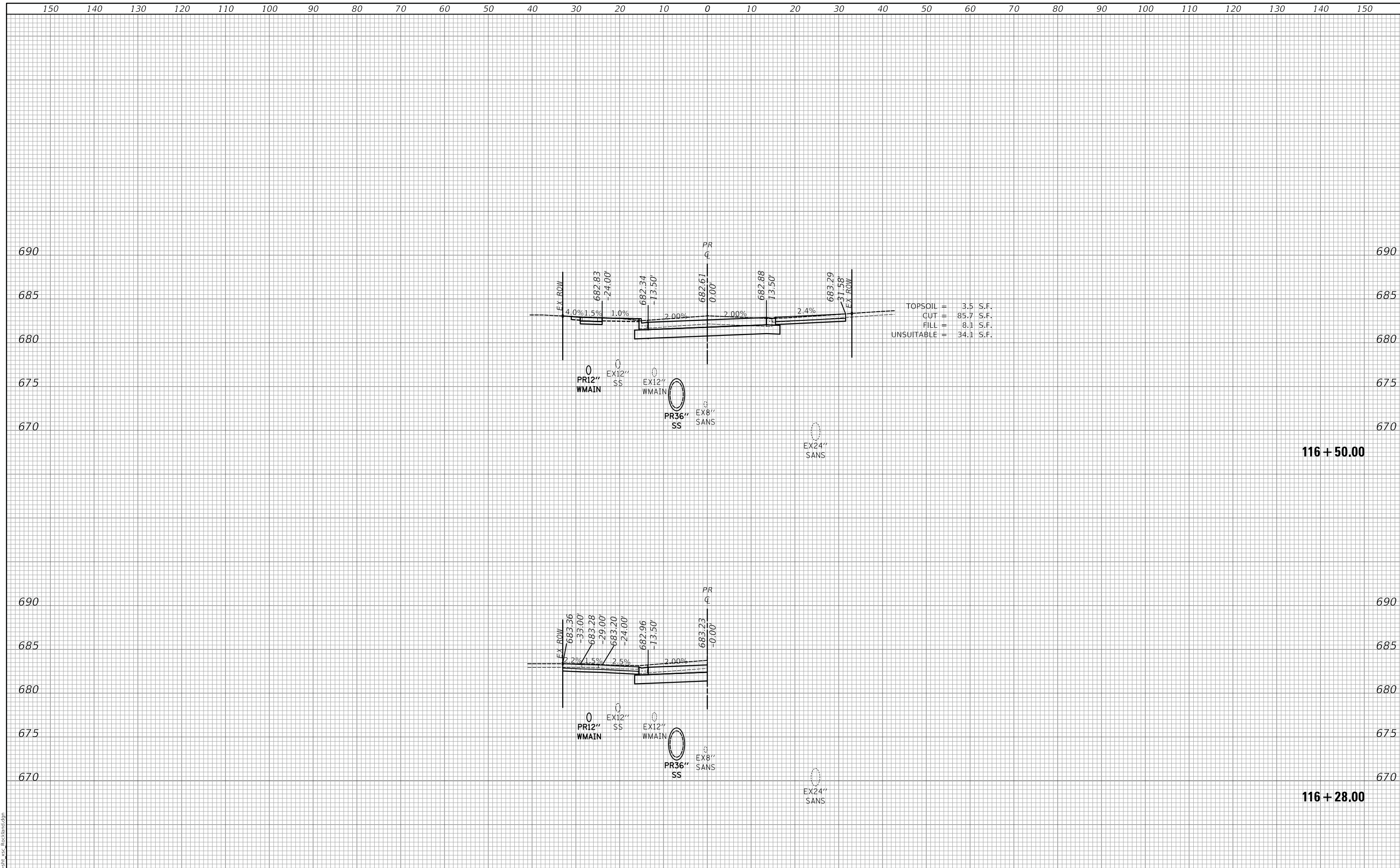


MODEL: S:\MODEL\MAMES
FILE NAME: ...3291-rd_xc_Rockland.dgn

150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																																	
<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISED -</td></tr> <tr><td></td><td>DRAWN -</td><td>REVISED -</td></tr> <tr><td>PLOT SCALE = 10.0000 ' / in.</td><td>CHECKED -</td><td>REVISED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>DATE - 02/13/2019</td><td>REVISED -</td></tr> </table>																USER NAME = mc	DESIGNED -	REVISED -		DRAWN -	REVISED -	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										CROSS SECTIONS - ROCKLAND ROAD										<table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>1239</td><td>16-00116-00-PV</td><td>LAKE</td><td>168</td><td>136</td></tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1239	16-00116-00-PV	LAKE	168	136	<table border="1"> <tr><td colspan="2">CONTRACT NO. 61F75</td></tr> </table>		CONTRACT NO. 61F75	
USER NAME = mc	DESIGNED -	REVISED -																																																													
	DRAWN -	REVISED -																																																													
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -																																																													
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -																																																													
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																											
1239	16-00116-00-PV	LAKE	168	136																																																											
CONTRACT NO. 61F75																																																															
SCALE:																SHEET 24		OF 56		SHEETS		STA. 115+50.00		TO STA. 116+00.00		ILLINOIS		FED. AID PROJECT																																			

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK NO.	



TOPSOIL = 3.5 S.F.
 CUT = 85.7 S.F.
 FILL = 8.1 S.F.
 UNSUITABLE = 34.1 S.F.

116 + 50.00

116 + 28.00

MODEL: S:\MODEL\MAMES
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USER NAME = mc	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

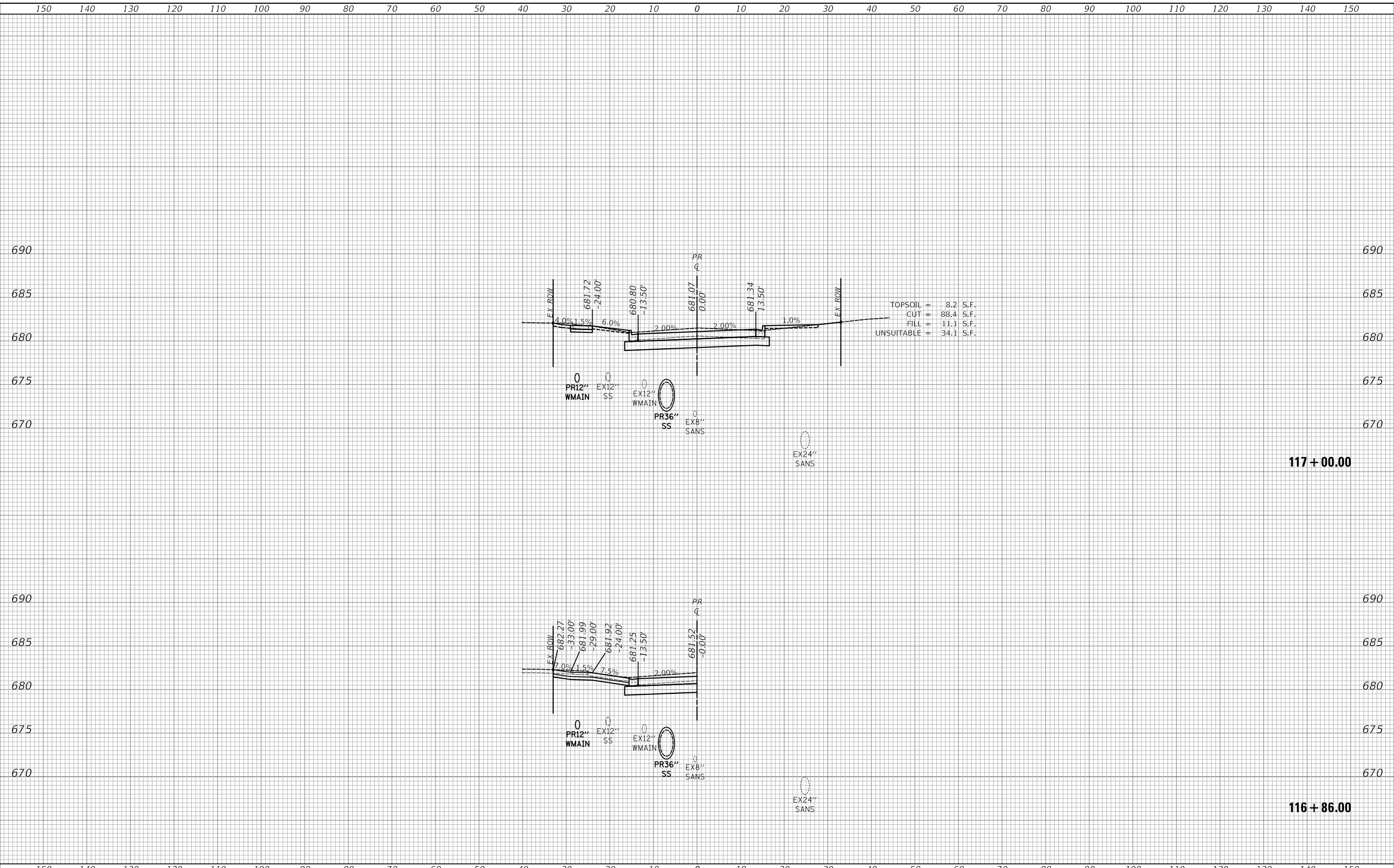
SCALE: SHEET 25 OF 56 SHEETS STA. 116+28.00 TO STA. 116+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	137
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED BY	DATE

ORIGINAL SURVEY NO.	SURVEYED BY	DATE

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FILE NAME: ...3291-rh_xss_Rockland.dgn

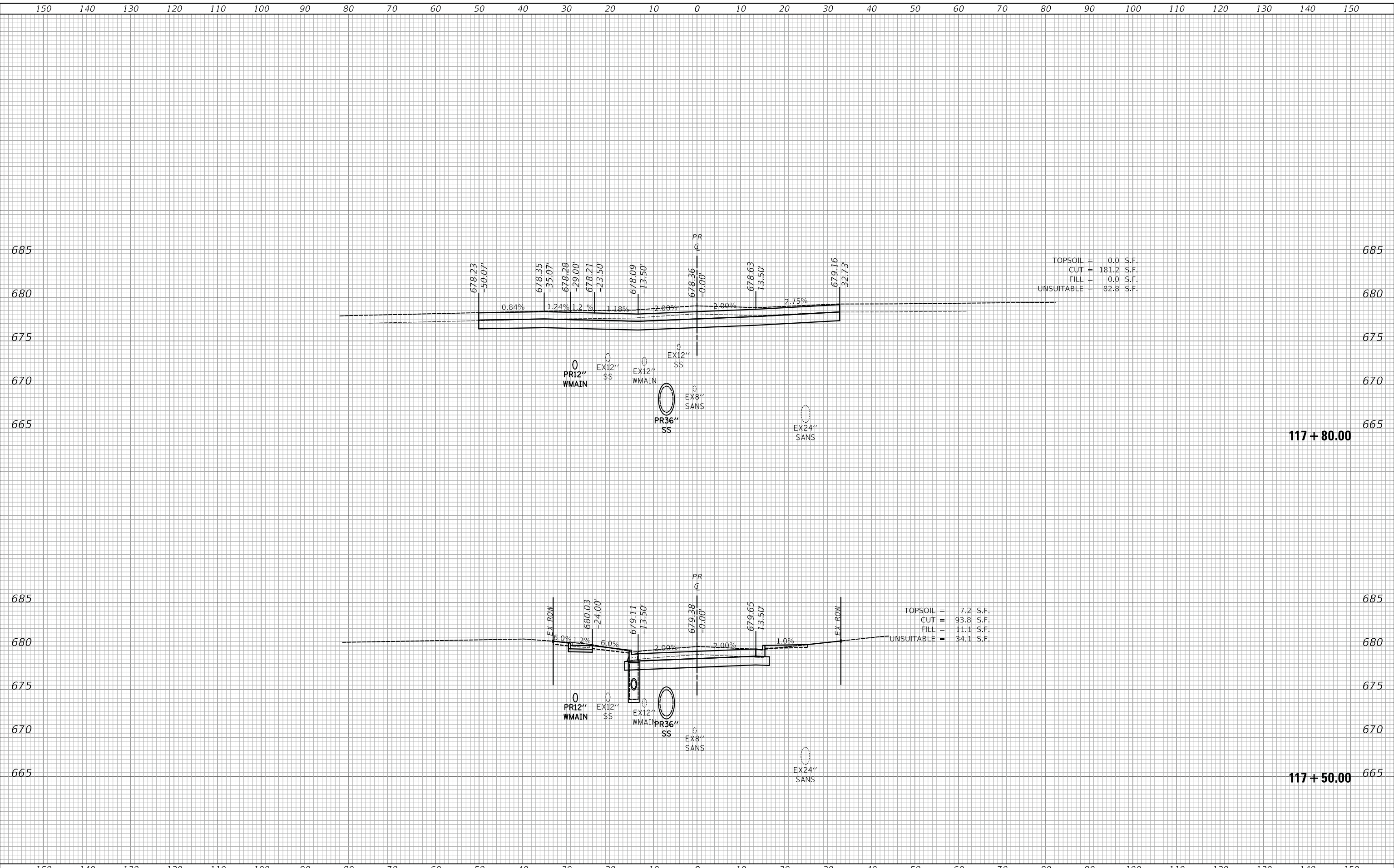


USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD				F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 138
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE: SHEET 26 OF 56 SHEETS STA. 116+86.00 TO STA. 117+00.00				CONTRACT NO. 61F75				
PLOT DATE = 2/13/2019	CHECKED -	REVISD -						ILLINOIS FED. AID PROJECT				
	DATE - 02/13/2019	REVISD -										

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: S:\MODEL\MAMES
FILE NAME: ...3291-shi_xss_Pack1.mxd.dgn

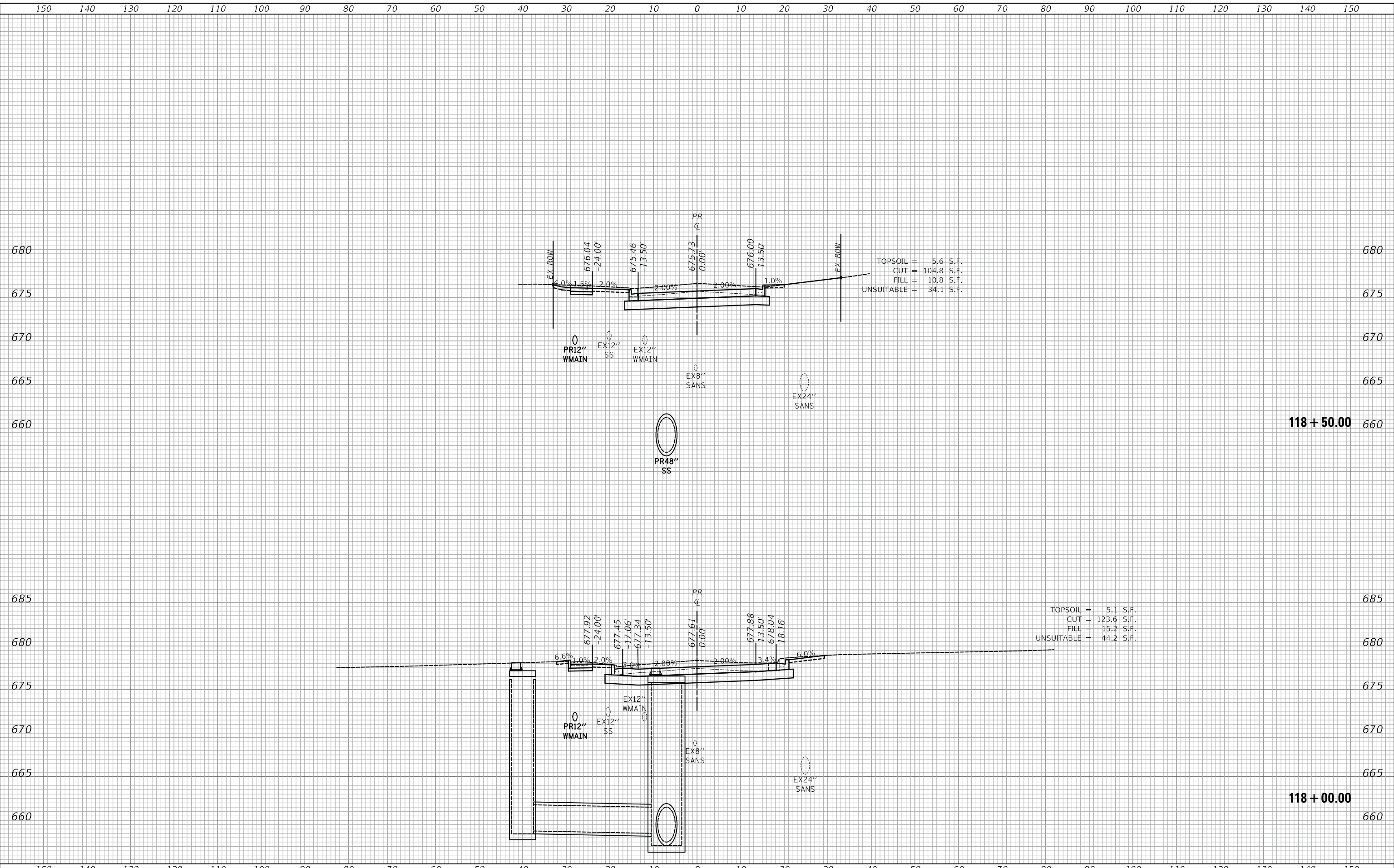


USER NAME = mc	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD		F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 139
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISIED -		SCALE:	SHEET 27 OF 56 SHEETS	STA. 117+50.00 TO STA. 117+80.00	CONTRACT NO. 61F75		ILLINOIS FED. AID PROJECT	
PLOT DATE = 2/13/2019	CHECKED -	REVISIED -								
	DATE - 02/13/2019	REVISIED -								

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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FILE NAME: ...3291-shl_xss_Pcc.kmd.dgn



USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD				F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 140
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE: SHEET 28 OF 56 SHEETS STA. 118+00.00 TO STA. 118+50.00				CONTRACT NO. 61F75				
PLOT DATE = 2/13/2019	CHECKED -	REVISD -						ILLINOIS FED. AID PROJECT				
	DATE - 02/13/2019	REVISD -										

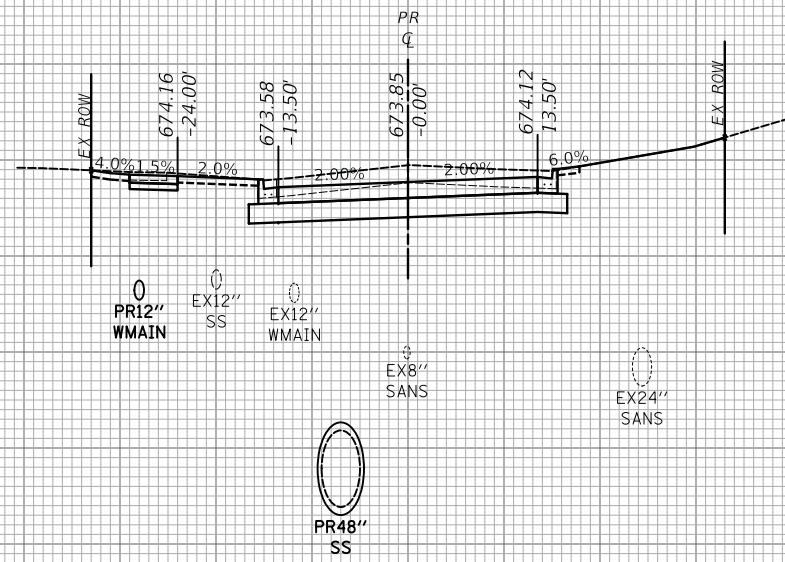
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FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

680
675
670
665
660

680
675
670
665
660

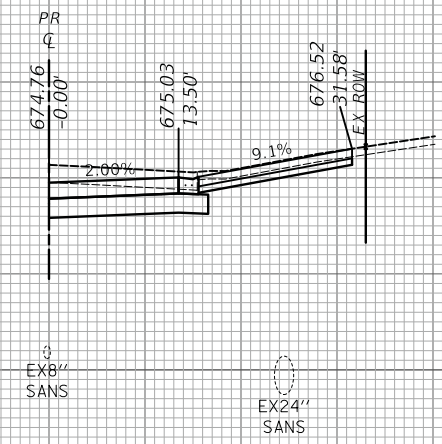


TOPSOIL = 4.9 S.F.
CUT = 102.6 S.F.
FILL = 11.9 S.F.
UNSUITABLE = 34.1 S.F.

119 + 00.00

680
675
670
665

680
675
670
665



118 + 76.00

MODEL: SMODEL\MAMES
FILE NAME: ...3291-rh_xcg_Rockland.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = mc	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

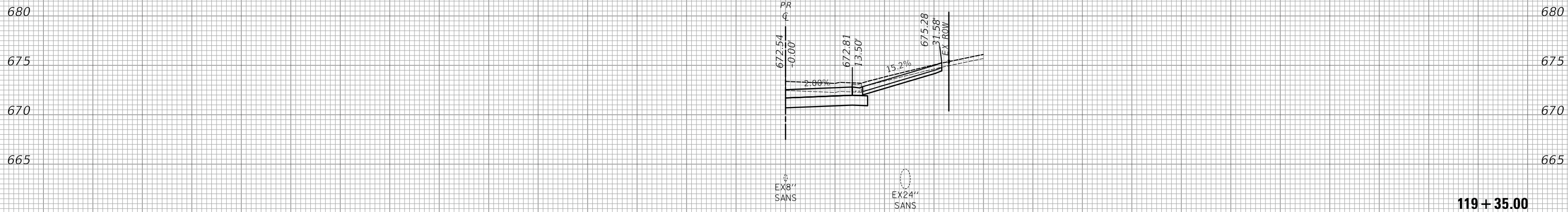
SCALE: SHEET 29 OF 56 SHEETS STA. 118+76.00 TO STA. 119+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	141
CONTRACT NO. 61F75				
ILLINOIS FED. AID PROJECT				

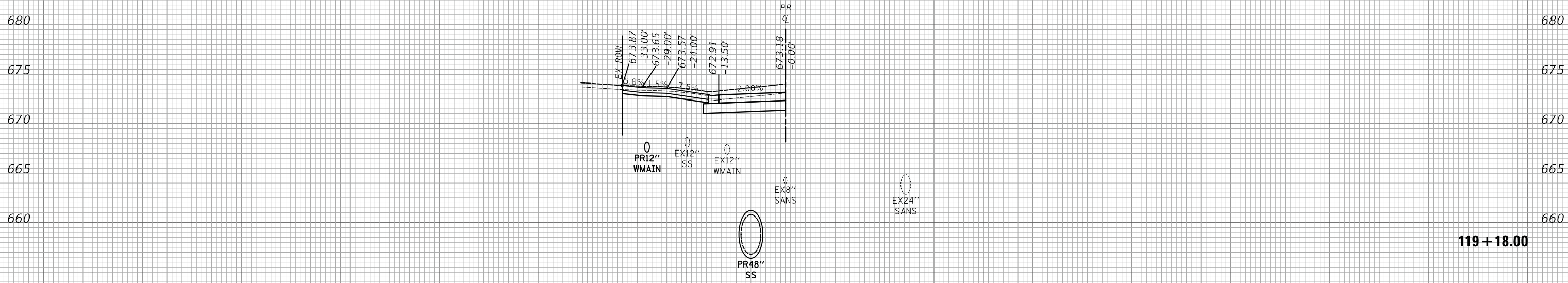
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



119 + 35.00



119 + 18.00

MODEL: S:\MODEL\MAMES FILE NAME: ...3291-rh_xss Rockland.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = mc	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/13/2019	CHECKED -	REVISED -
	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - ROCKLAND ROAD

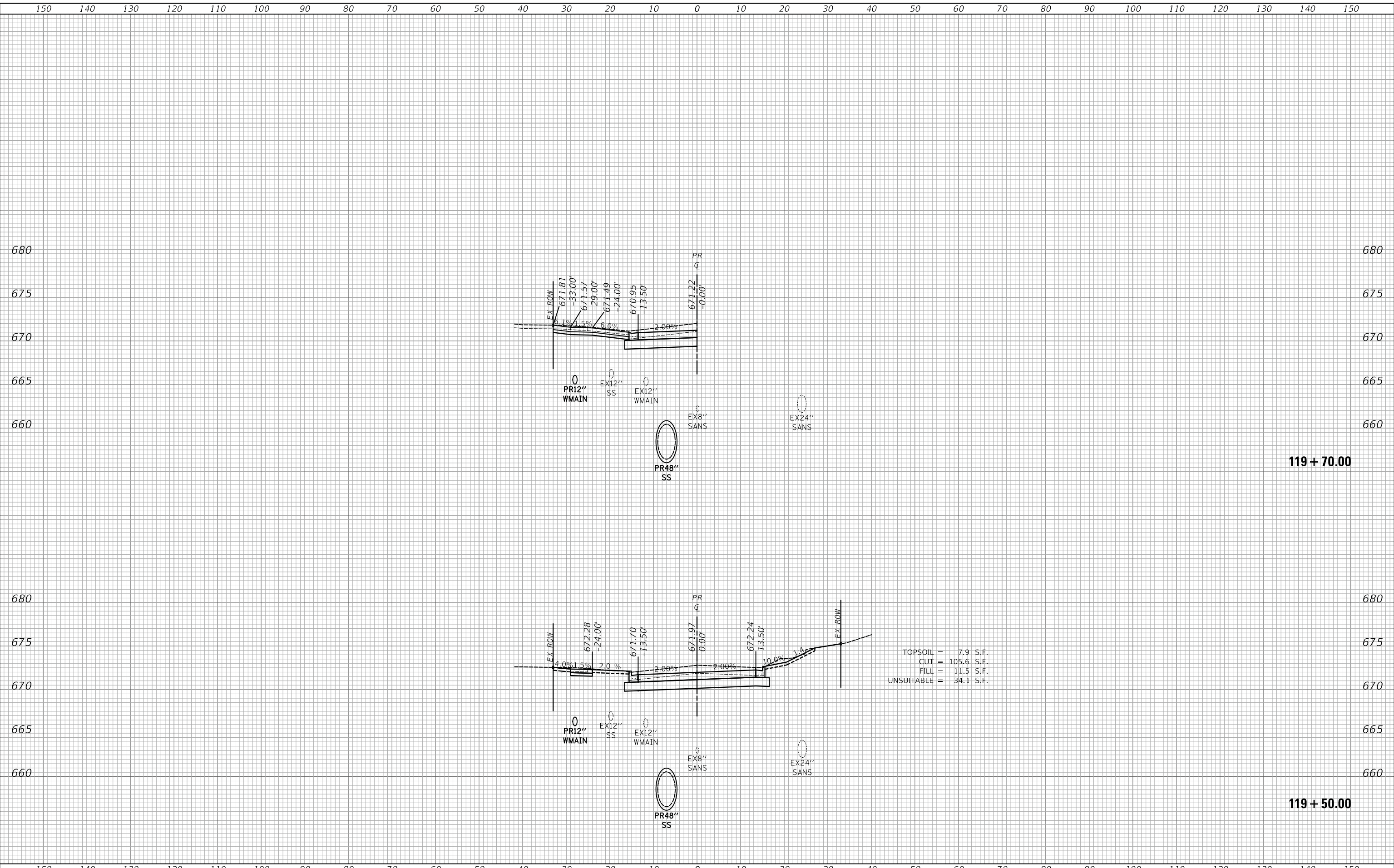
SCALE: SHEET 30 OF 56 SHEETS STA. 119+18.00 TO STA. 119+35.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	142
CONTRACT NO. 61F75			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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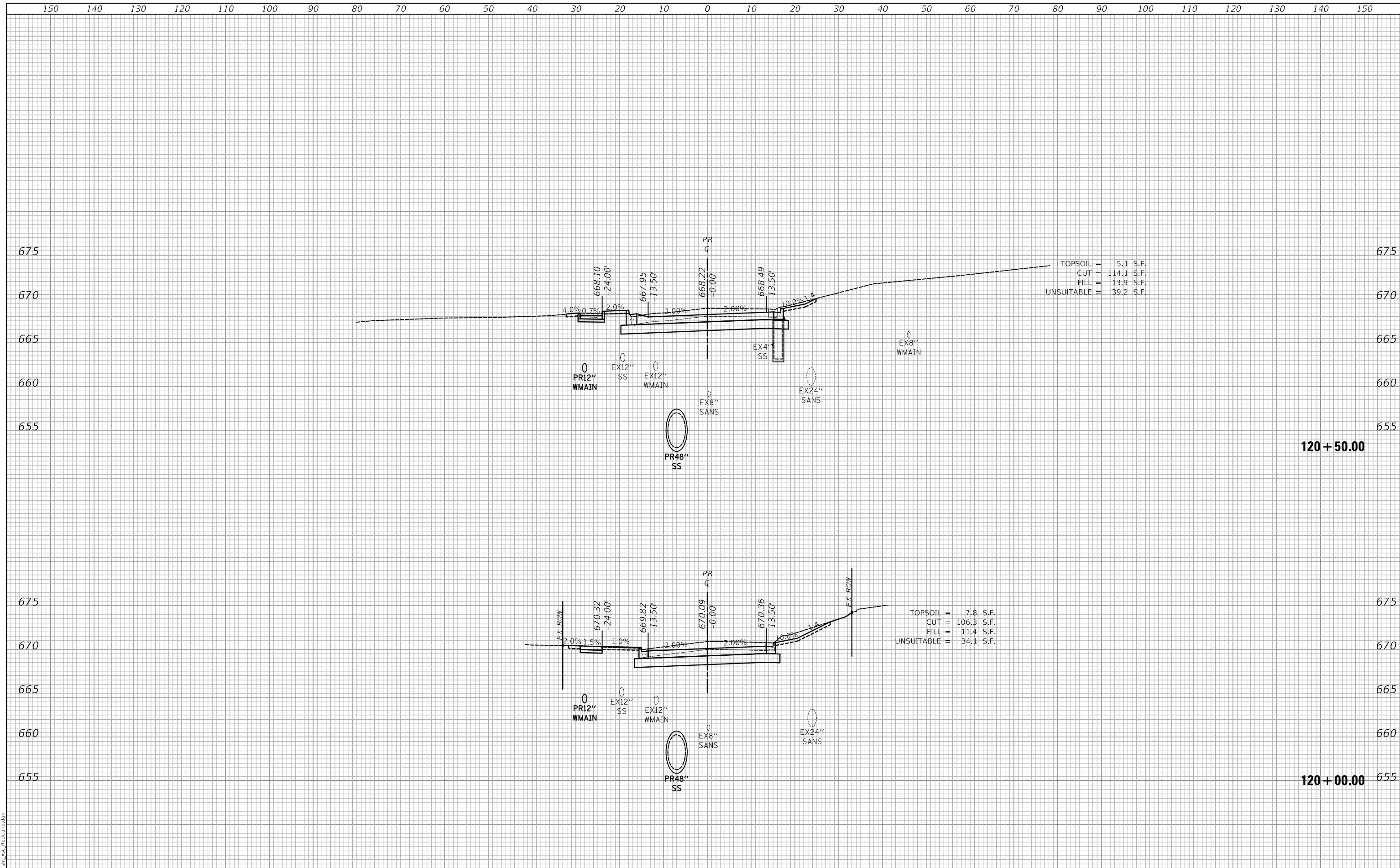


TOPSOIL = 7.9 S.F.
CUT = 105.6 S.F.
FILL = 11.5 S.F.
UNSUITABLE = 34.1 S.F.

USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -					1239	16-00116-00-PV	LAKE	168	143
PLOT DATE = 2/13/2019	CHECKED -	REVISD -		SCALE: SHEET 31 OF 56 SHEETS STA. 119+50.00 TO STA. 119+70.00			CONTRACT NO. 61F75				
	DATE - 02/13/2019	REVISD -					ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED
PLOTTED TEMPLATE	DATE
NOTE BOOK	BY

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED
PLOTTED TEMPLATE	DATE
NOTE BOOK	BY



TOPSOIL = 5.1 S.F.
 CUT = 114.1 S.F.
 FILL = 13.9 S.F.
 UNSUITABLE = 39.2 S.F.

TOPSOIL = 7.8 S.F.
 CUT = 106.3 S.F.
 FILL = 11.4 S.F.
 UNSUITABLE = 34.1 S.F.

120 + 50.00

120 + 00.00

MODEL: S:\MODEL\MAMES
 FILE NAME: ...3291-rh_xss-Rockland.dgn

USER NAME = mc	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

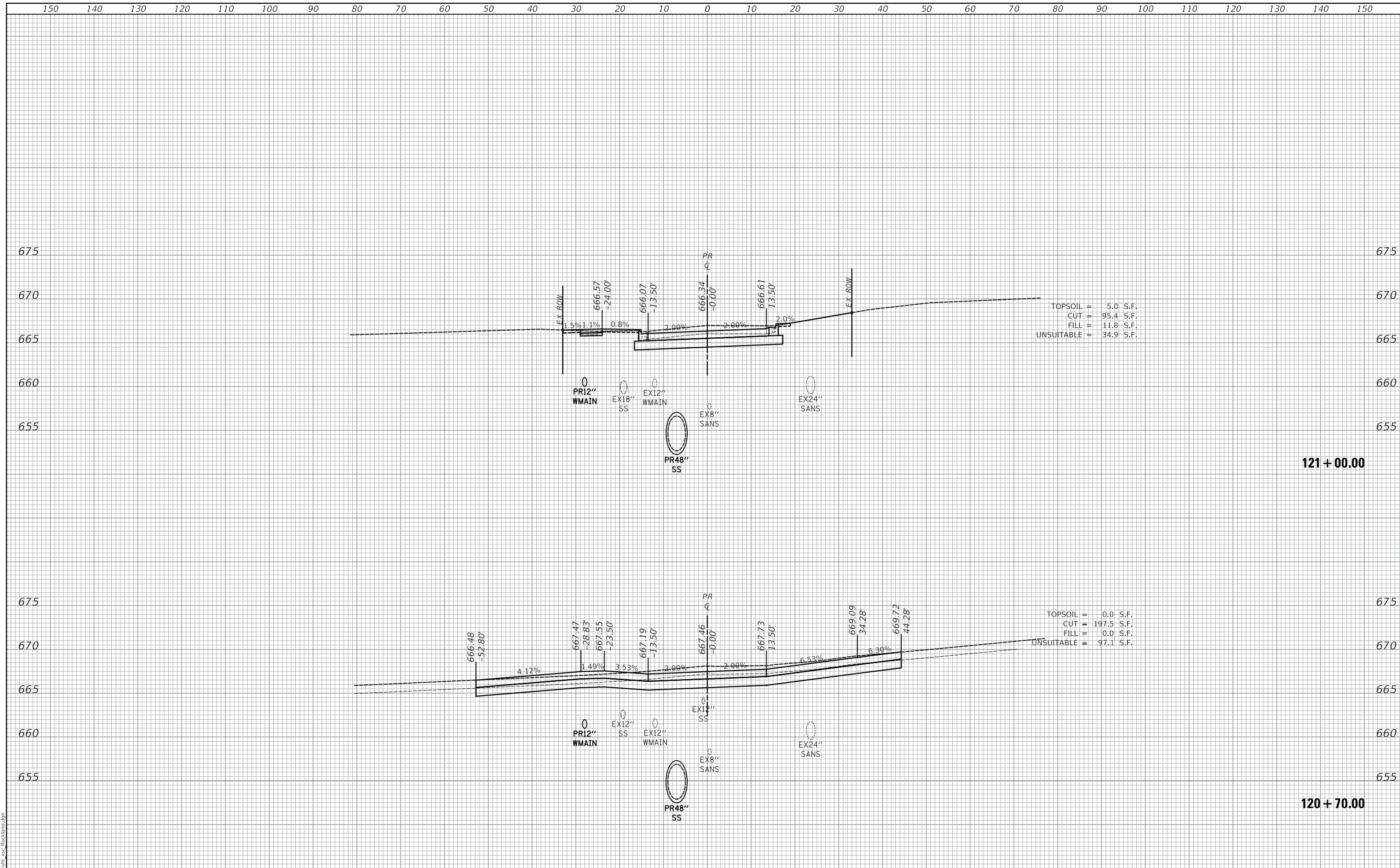
CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 32 OF 56 SHEETS STA. 120+00.00 TO STA. 120+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	144
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED AREAS CHECKED
BY	DATE
PLOTTED TEMPLATE	AREAS CHECKED
NOTE BOOK	AREAS CHECKED

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED
BY	DATE
PLOTTED TEMPLATE	AREAS CHECKED
NOTE BOOK	AREAS CHECKED



TOPSOIL = 5.0 S.F.
 CUT = 95.4 S.F.
 FILL = 11.8 S.F.
 UNSUITABLE = 34.9 S.F.

TOPSOIL = 0.0 S.F.
 CUT = 197.5 S.F.
 FILL = 0.0 S.F.
 UNSUITABLE = 97.1 S.F.

MODEL: SPODELIMAMES
 FILE NAME: ...3291-shi_xss_Rockland.dgn

USER NAME = mc	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

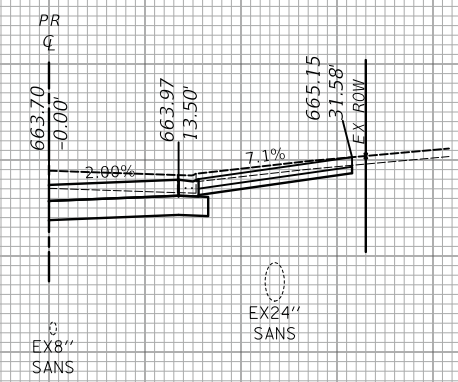
SCALE: SHEET 33 OF 56 SHEETS STA. 120+70.00 TO STA. 121+00.00

F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 145
CONTRACT NO. 61F75			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

670
665
660
655

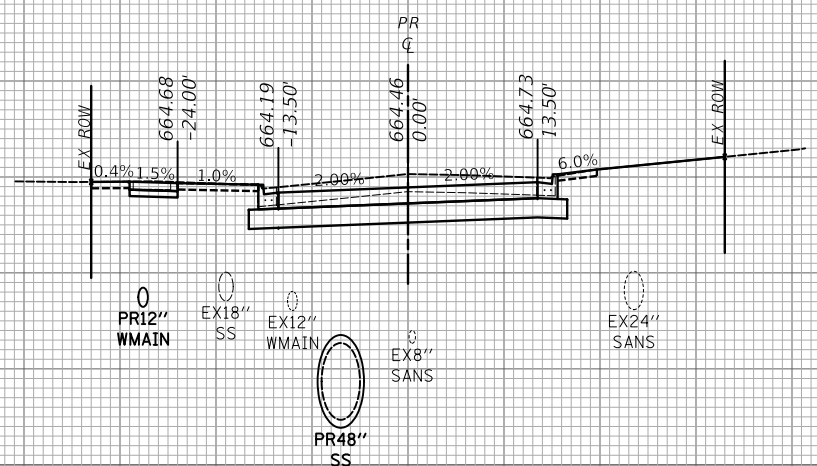


121 + 70.00

670
665
660
655

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

670
665
660
655
650



TOPSOIL = 5.5 S.F.
CUT = 96.9 S.F.
FILL = 11.1 S.F.
UNSUITABLE = 34.1 S.F.

121 + 50.00

670
665
660
655
650

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

MODEL: S:\MODEL\MAMES
FILE NAME: ...3291-rd_xc_Rockland.dgn

USER NAME = mc	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 34 OF 56 SHEETS STA. 121+50.00 TO STA. 121+70.00

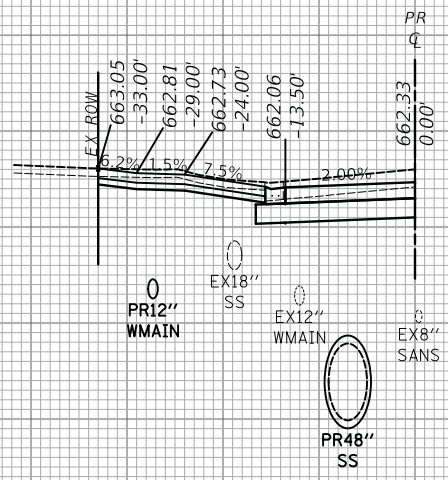
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	146
CONTRACT NO. 61F75			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

670
665
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670
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650

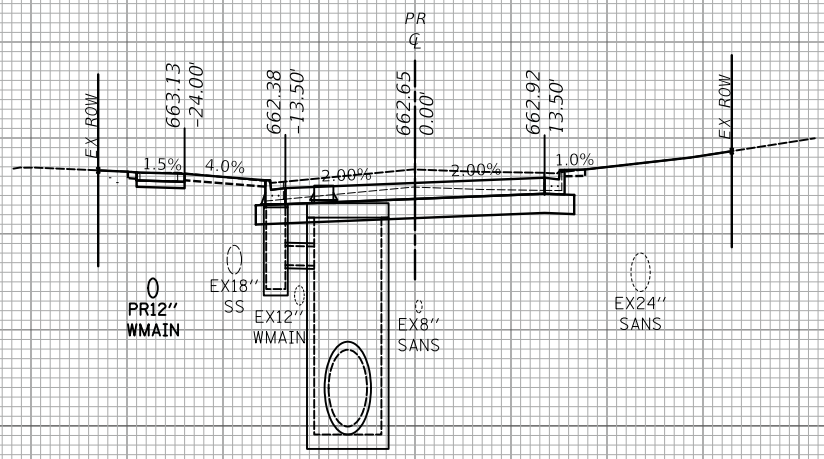
122 + 10.00



670
665
660
655
650

670
665
660
655
650

122 + 00.00



TOPSOIL = 3.8 S.F.
CUT = 96.1 S.F.
FILL = 11.7 S.F.
UNSUITABLE = 34.1 S.F.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

MODEL: SPODELMAMES
FILE NAME: ...3291-sht_xcg_Rockland.dgn

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USER NAME = mc	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

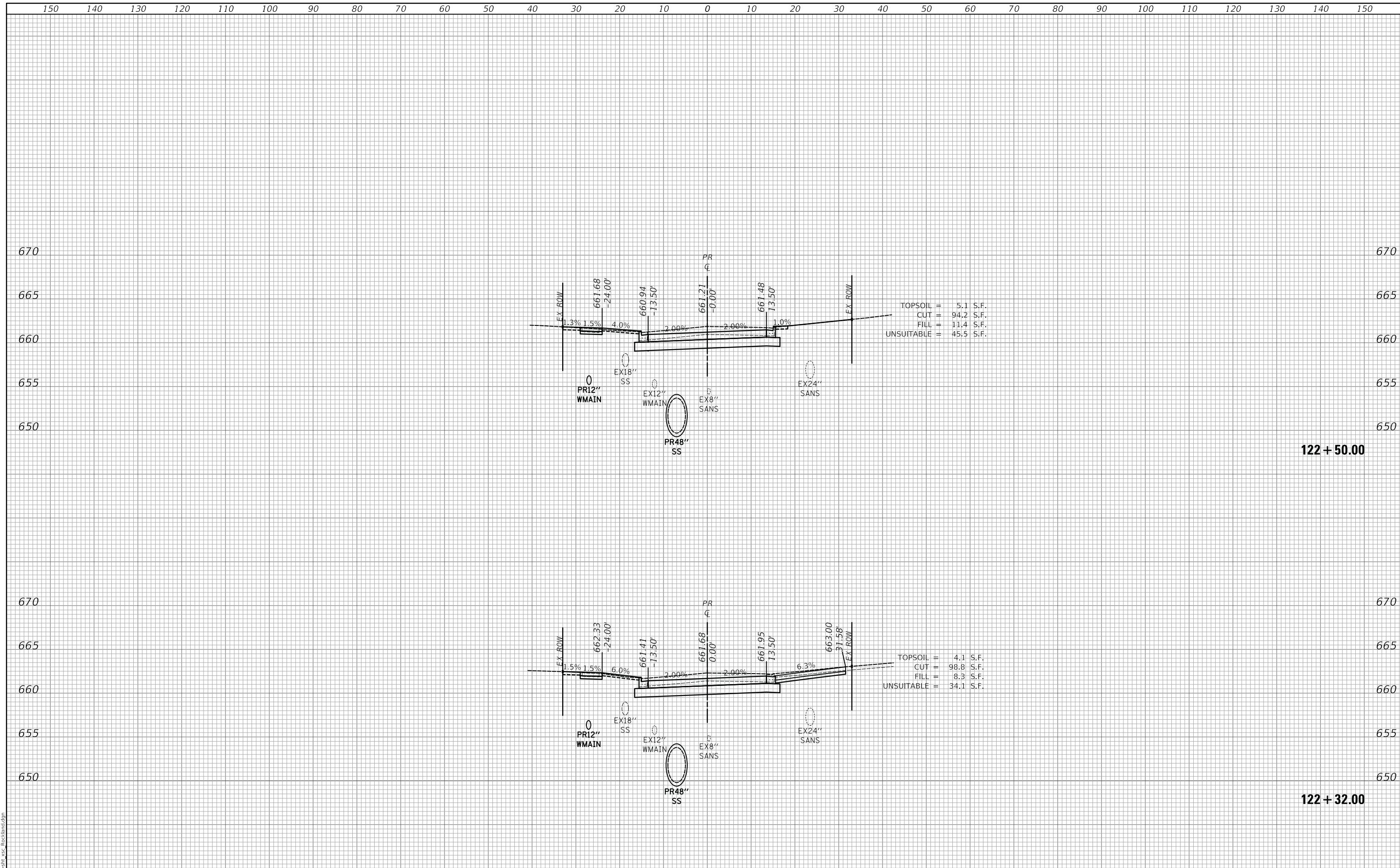
CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 35 OF 56 SHEETS STA. 122+00.00 TO STA. 122+10.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	147
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED AREAS CHECKED
BY	DATE
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED
BY	DATE
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

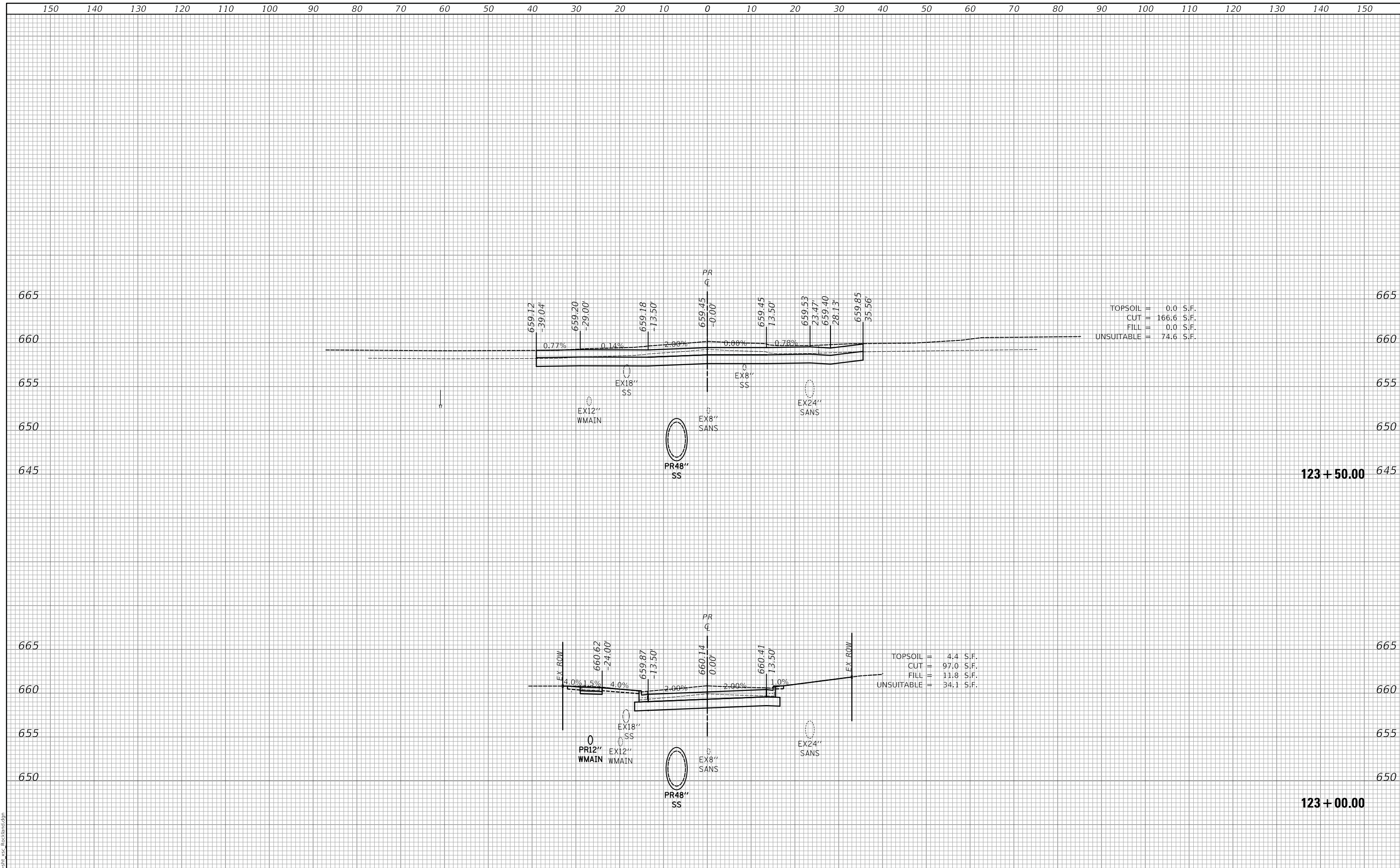


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PLOT SCALE = 10.0000 ' / in.												DRAWN -		REVISED -														CONTRACT NO. 61F75									
PLOT DATE = 2/13/2019												CHECKED -		REVISED -														ILLINOIS		FED. AID PROJECT							
												DATE - 02/13/2019		REVISED -														SCALE:		SHEET 36 OF 56 SHEETS		STA. 122+32.00 TO STA. 122+50.00					

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



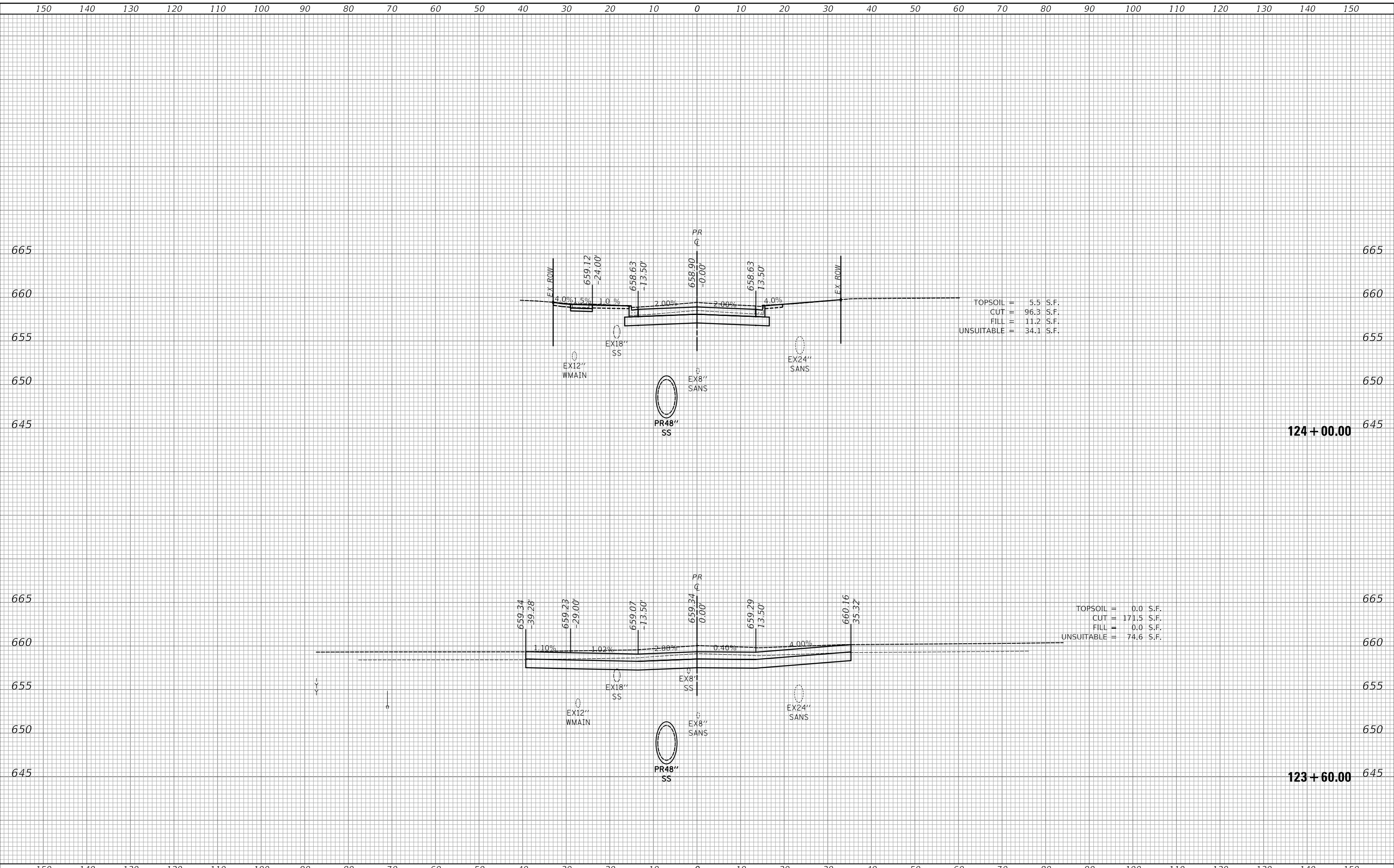
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PLOT SCALE = 10.0000 "/in.	DRAWN -	REVISD -					1239	16-00116-00-PV	LAKE	168	149
PLOT DATE = 2/13/2019	CHECKED -	REVISD -		CONTRACT NO. 61F75							
	DATE - 02/13/2019	REVISD -		SCALE:	SHEET 37	OF 56	SHEETS	STA. 123+00.00	TO STA. 123+50.00	ILLINOIS	FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
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	AREAS CHECKED	
	AREAS CHECKED	

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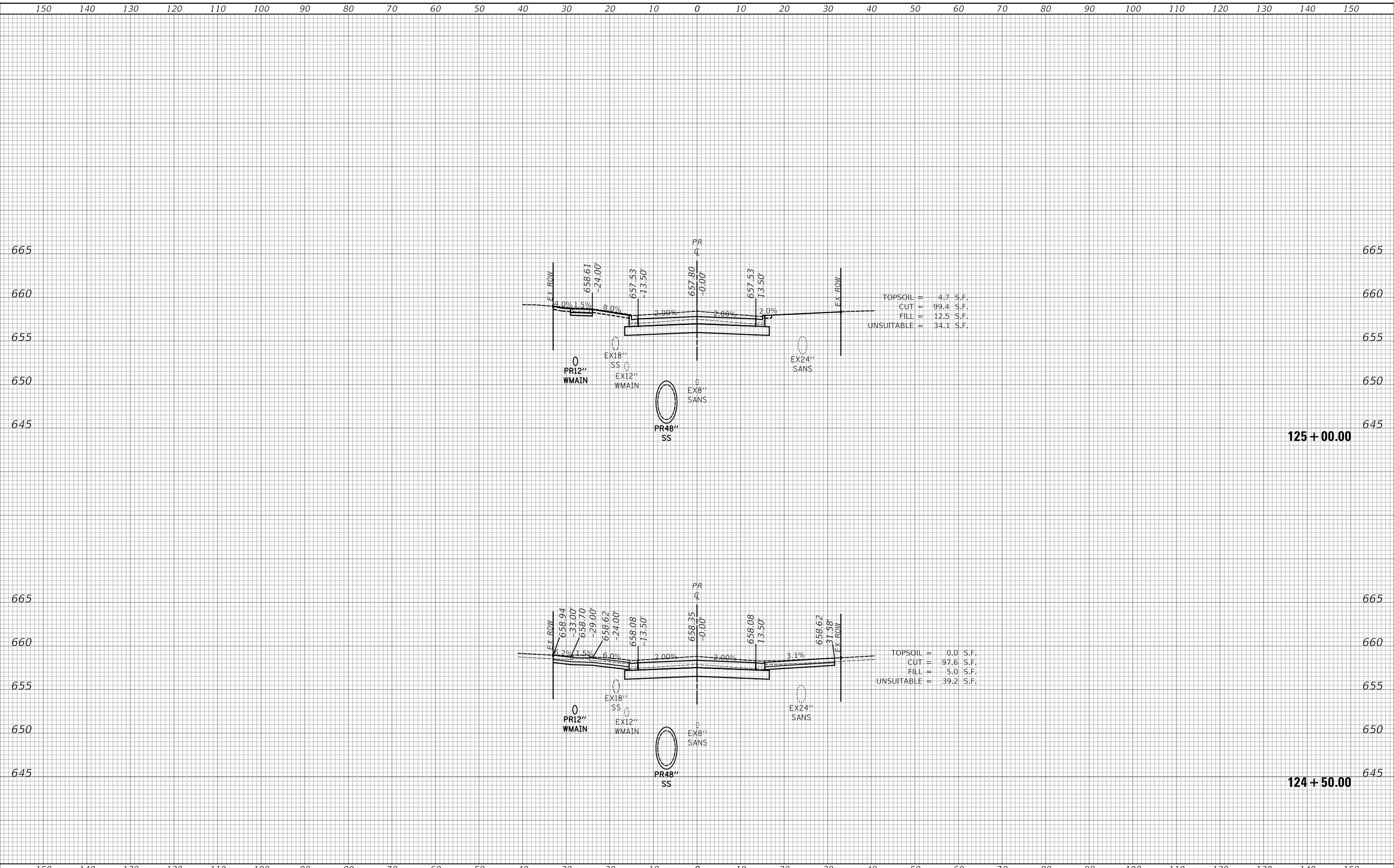


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<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISIED -</td></tr> <tr><td>PLOT SCALE = 10.0000 ' / in.</td><td>DRAWN -</td><td>REVISIED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>CHECKED -</td><td>REVISIED -</td></tr> <tr><td></td><td>DATE - 02/13/2019</td><td>REVISIED -</td></tr> </table>																USER NAME = mc	DESIGNED -	REVISIED -	PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISIED -	PLOT DATE = 2/13/2019	CHECKED -	REVISIED -		DATE - 02/13/2019	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										CROSS SECTIONS - ROCKLAND ROAD									
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PLOT DATE = 2/13/2019	CHECKED -	REVISIED -																																													
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																<table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>1239</td><td>16-00116-00-PV</td><td>LAKE</td><td>168</td><td>150</td></tr> <tr><td colspan="5" style="text-align: right;">CONTRACT NO. 61F75</td></tr> </table>										F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1239	16-00116-00-PV	LAKE	168	150	CONTRACT NO. 61F75											
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																											
1239	16-00116-00-PV	LAKE	168	150																																											
CONTRACT NO. 61F75																																															
																<table border="1"> <tr><td>SCALE:</td><td>SHEET 38</td><td>OF 56</td><td>SHEETS</td><td>STA. 123+60.00</td><td>TO STA. 124+00.00</td></tr> <tr><td colspan="6" style="text-align: right;">ILLINOIS FED. AID PROJECT</td></tr> </table>										SCALE:	SHEET 38	OF 56	SHEETS	STA. 123+60.00	TO STA. 124+00.00	ILLINOIS FED. AID PROJECT															
SCALE:	SHEET 38	OF 56	SHEETS	STA. 123+60.00	TO STA. 124+00.00																																										
ILLINOIS FED. AID PROJECT																																															

FINAL SURVEY NO.	SURVEYED AREAS CHECKED
BY	DATE
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED
BY	DATE
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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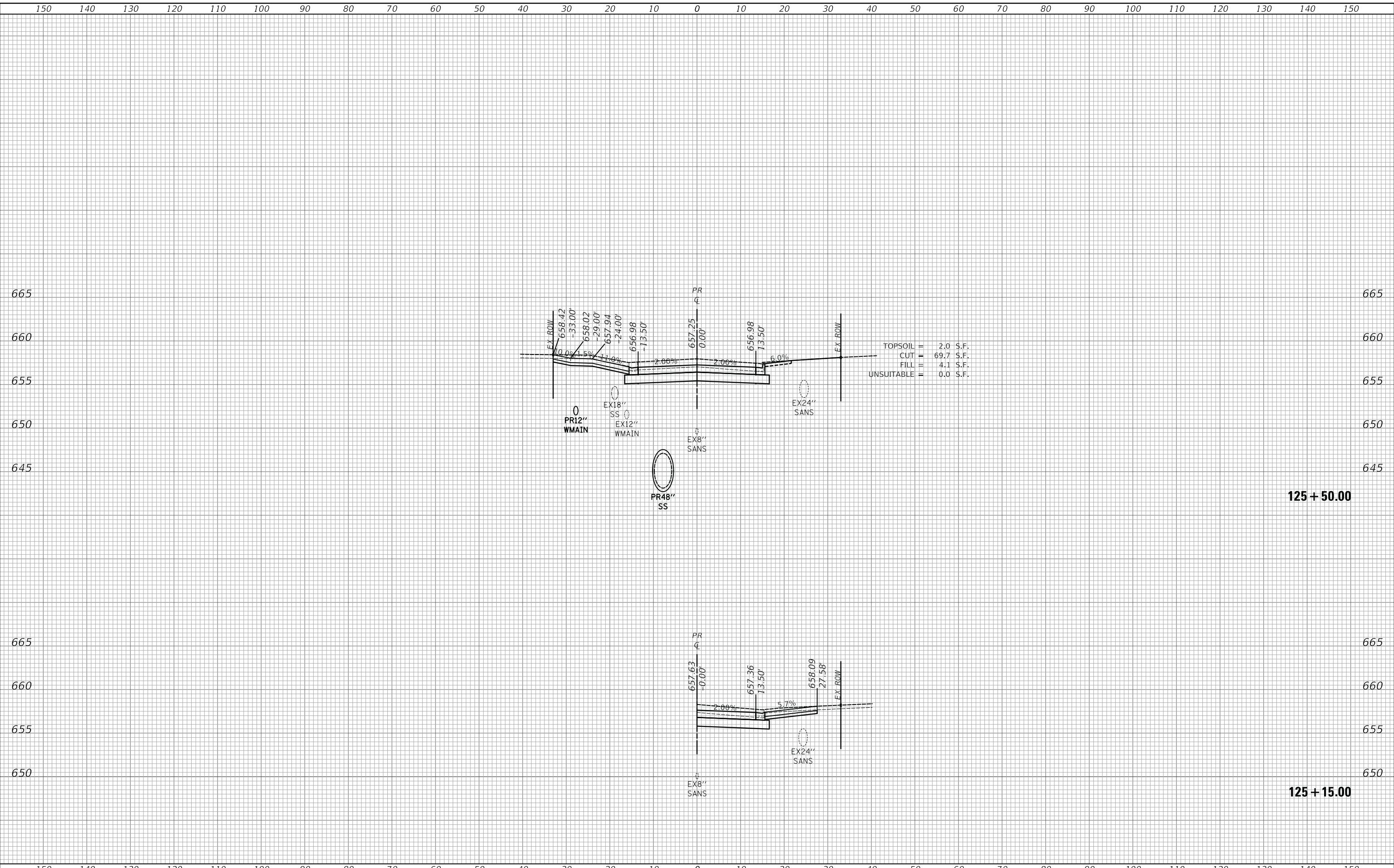


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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE:	SHEET 39	OF 56	SHEETS	STA. 124+50.00	TO STA. 125+00.00	CONTRACT NO. 61F75	
PLOT DATE = 2/13/2019	CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT							
	DATE - 02/13/2019	REVISD -									

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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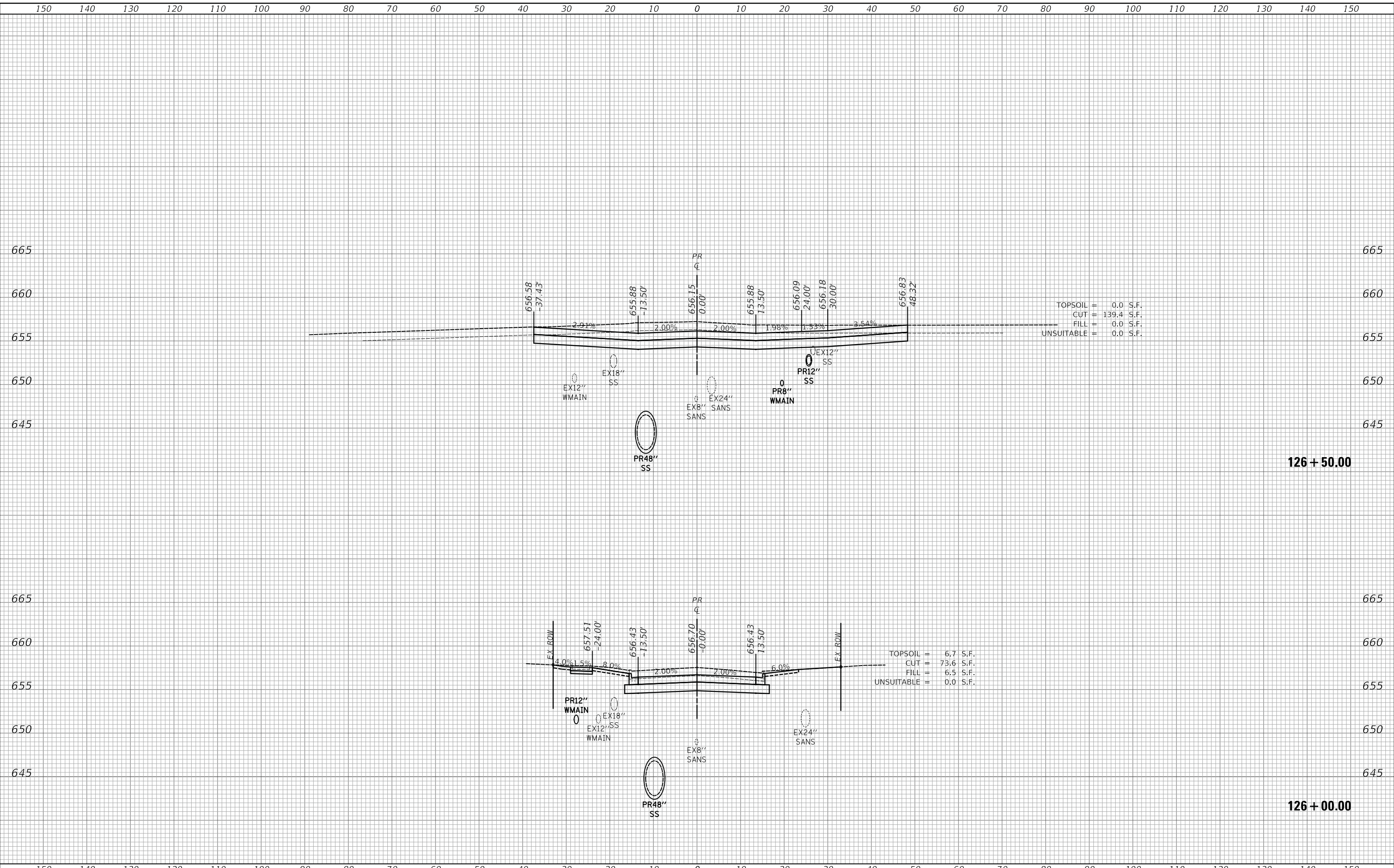


USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD				F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 152
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE: SHEET 40 OF 56 SHEETS STA. 125+15.00 TO STA. 125+50.00				CONTRACT NO. 61F75				
PLOT DATE = 2/13/2019	CHECKED -	REVISD -						ILLINOIS FED. AID PROJECT				
	DATE - 02/13/2019	REVISD -										

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

MODEL: SMODEL\MAMES
FILE NAME: ...3291-shl_xss_Rockland.dgn



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CUT = 139.4 S.F.
FILL = 0.0 S.F.
UNSUITABLE = 0.0 S.F.

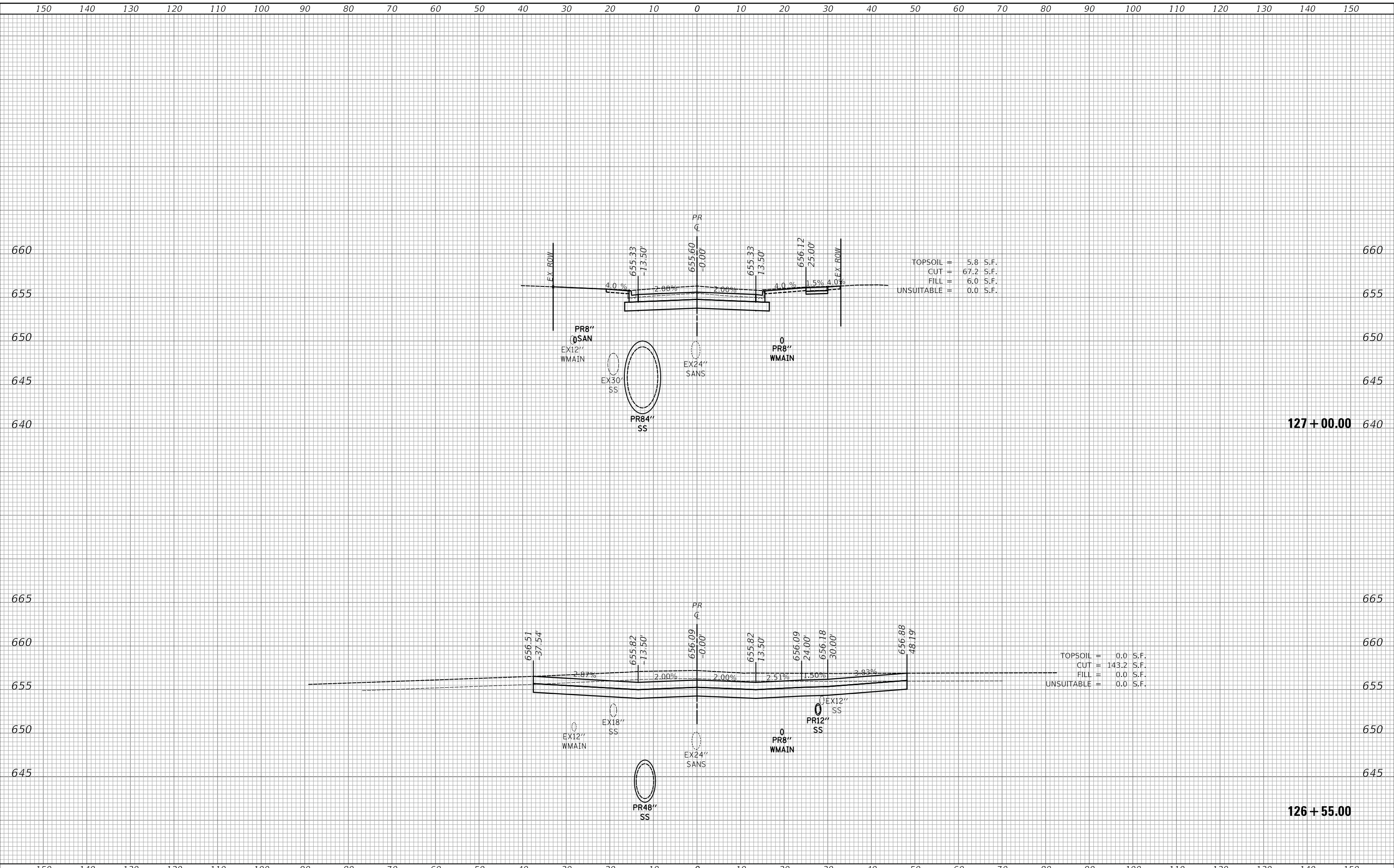
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CUT = 73.6 S.F.
FILL = 6.5 S.F.
UNSUITABLE = 0.0 S.F.

150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																																		
<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISED -</td></tr> <tr><td></td><td>DRAWN -</td><td>REVISED -</td></tr> <tr><td>PLOT SCALE = 10.0000' / in.</td><td>CHECKED -</td><td>REVISED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>DATE - 02/13/2019</td><td>REVISED -</td></tr> </table>												USER NAME = mc	DESIGNED -	REVISED -		DRAWN -	REVISED -	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						CROSS SECTIONS - ROCKLAND ROAD						<table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>1239</td><td>16-00116-00-PV</td><td>LAKE</td><td>168</td><td>153</td></tr> <tr><td colspan="5" style="text-align: right;">CONTRACT NO. 61F75</td></tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1239	16-00116-00-PV	LAKE	168	153	CONTRACT NO. 61F75					<table border="1"> <tr><td>SCALE:</td><td>SHEET 41 OF 56 SHEETS</td></tr> </table>		SCALE:	SHEET 41 OF 56 SHEETS	<table border="1"> <tr><td>STA. 126+00.00</td><td>TO STA. 126+50.00</td></tr> </table>		STA. 126+00.00	TO STA. 126+50.00	<table border="1"> <tr><td>ILLINOIS</td><td>FED. AID PROJECT</td></tr> </table>		ILLINOIS	FED. AID PROJECT
USER NAME = mc	DESIGNED -	REVISED -																																																														
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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -																																																														
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																												
1239	16-00116-00-PV	LAKE	168	153																																																												
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STA. 126+00.00	TO STA. 126+50.00																																																															
ILLINOIS	FED. AID PROJECT																																																															

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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CUT = 67.2 S.F.
FILL = 6.0 S.F.
UNSUITABLE = 0.0 S.F.

TOPSOIL = 0.0 S.F.
CUT = 143.2 S.F.
FILL = 0.0 S.F.
UNSUITABLE = 0.0 S.F.

USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD			F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 154
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISD -					CONTRACT NO. 61F75				
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -		SCALE:	SHEET 42	OF 56	SHEETS	STA. 126+55.00	TO STA. 127+00.00	ILLINOIS FED. AID PROJECT	

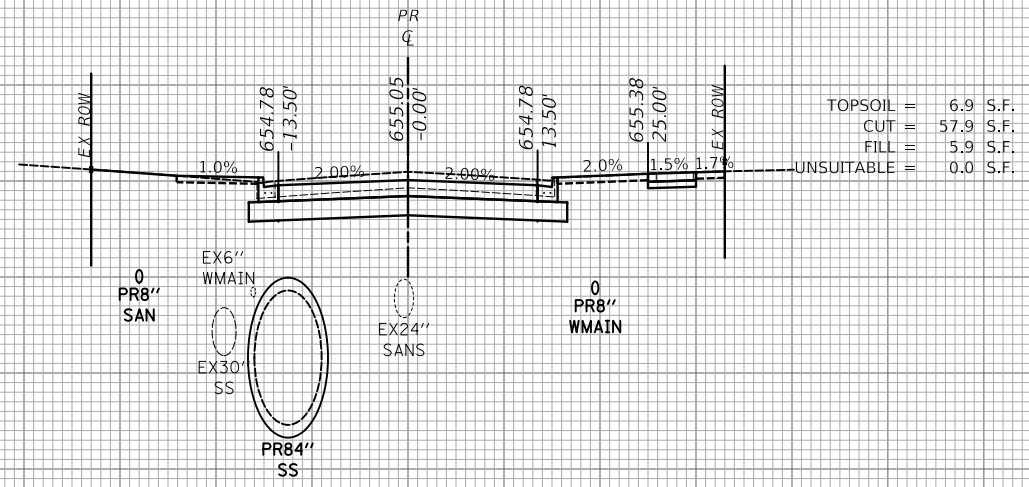
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FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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650
645
640

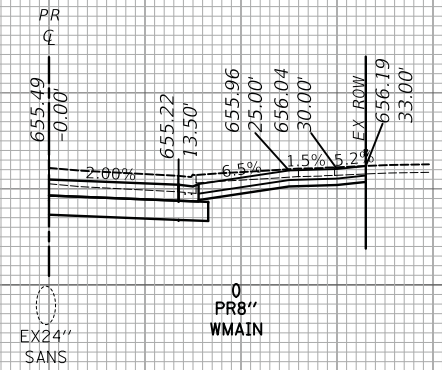
660
655
650
645
640



127+50.00

660
655
650

660
655
650



127+10.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = mc	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 43 OF 56 SHEETS STA. 127+10.00 TO STA. 127+50.00

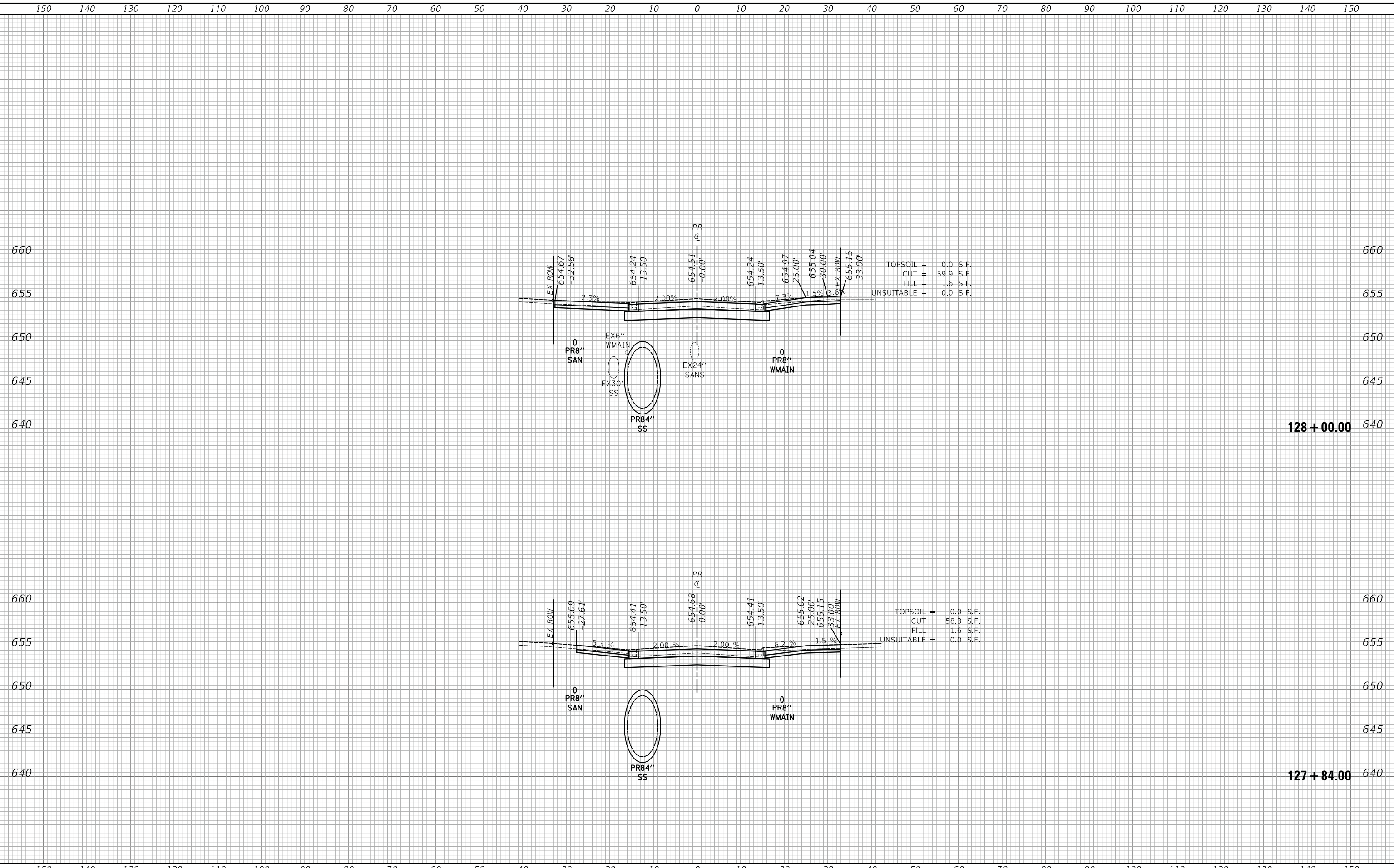
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1239	16-00116-00-PV	LAKE	168	155
CONTRACT NO. 61F75				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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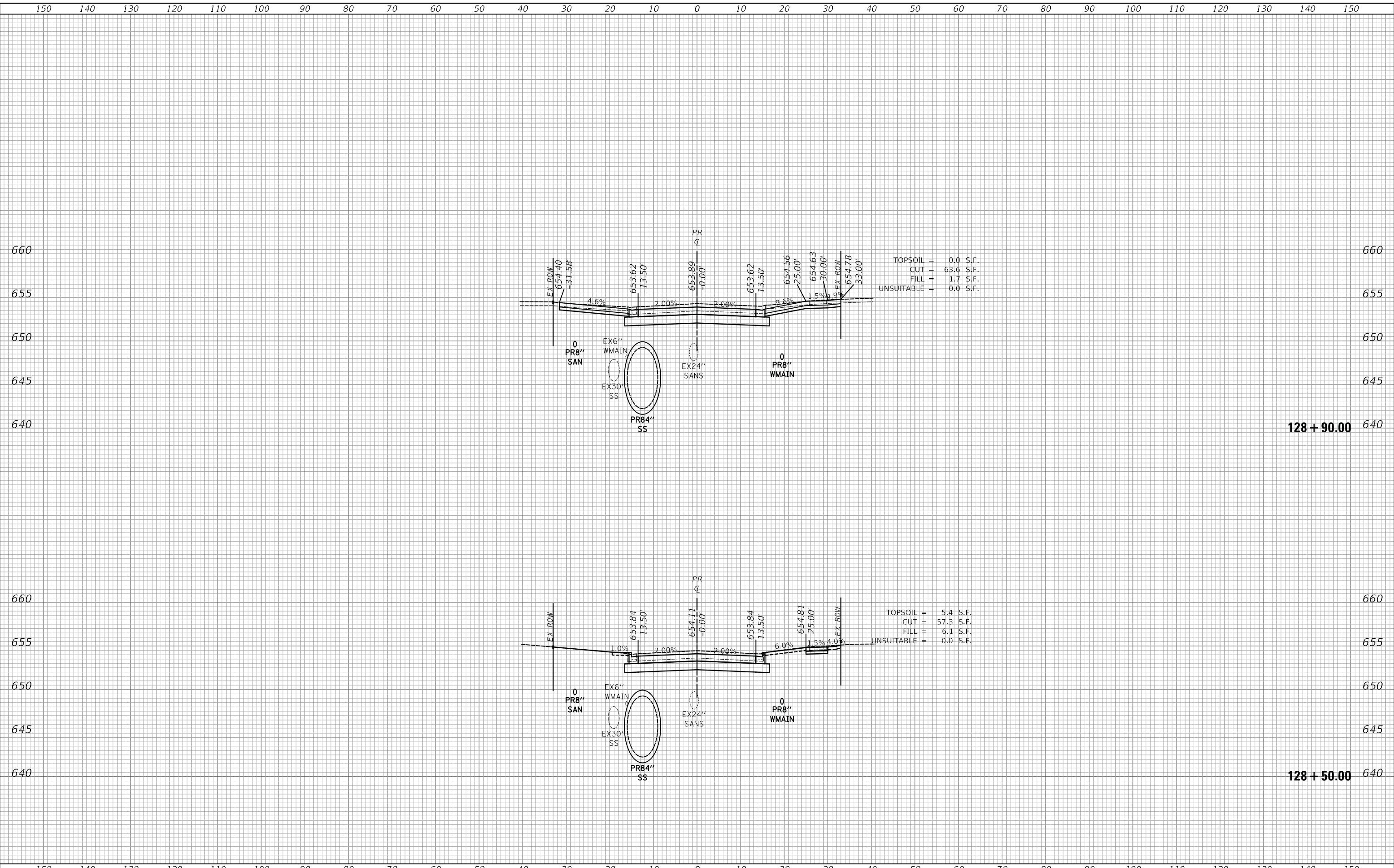


150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																										
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1239	16-00116-00-PV	LAKE	168	156																																																				
SCALE:	SHEET 44 OF 56 SHEETS	STA. 127+84.00 TO STA. 128+00.00																																																						
ILLINOIS	FED. AID PROJECT																																																							

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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FILE NAME: ...3291-rh_xss_Pcc.kim.dgn



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CUT = 63.6 S.F.
FILL = 1.7 S.F.
UNSUITABLE = 0.0 S.F.

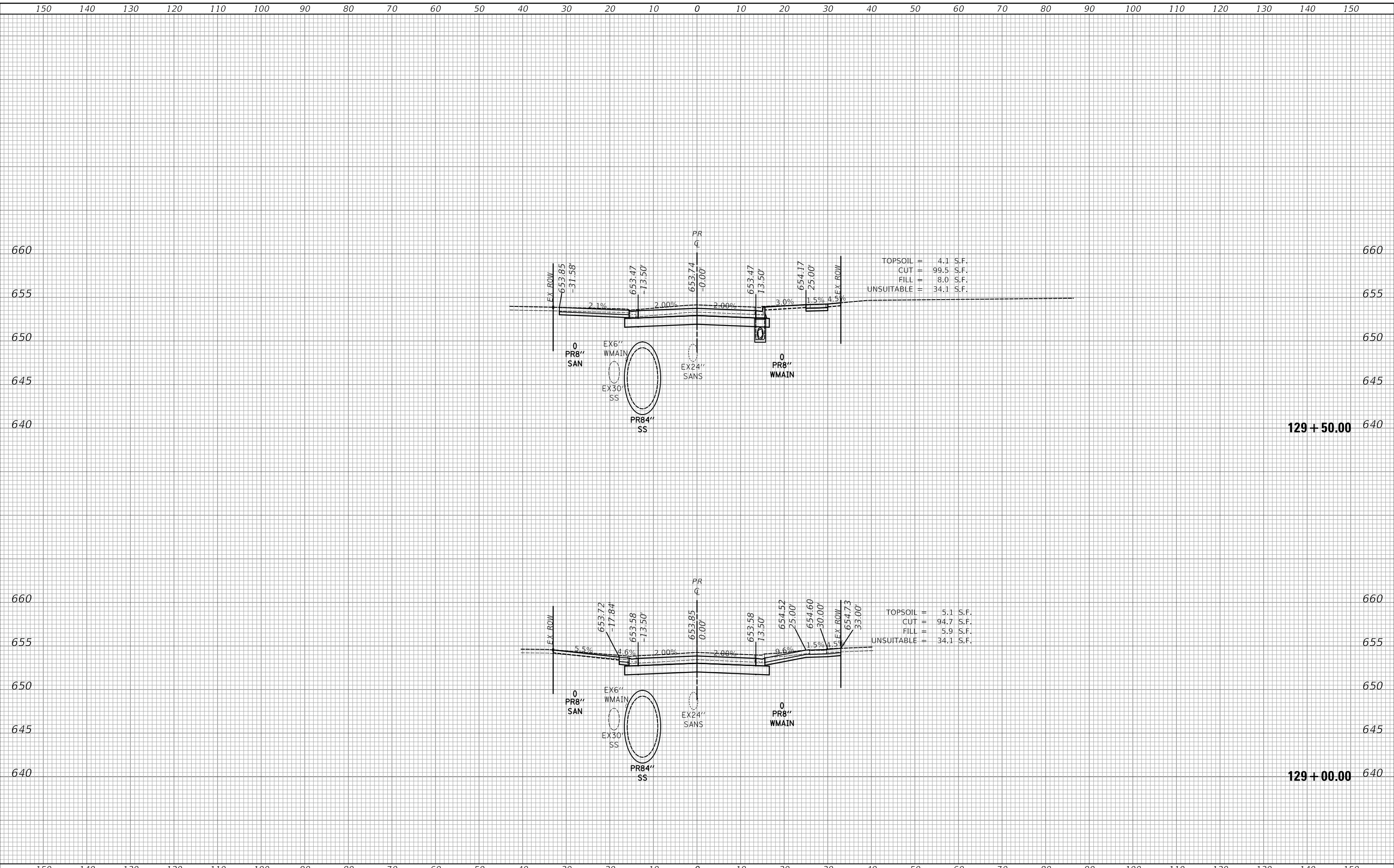
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CUT = 57.3 S.F.
FILL = 6.1 S.F.
UNSUITABLE = 0.0 S.F.

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<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISIED -</td></tr> <tr><td></td><td>DRAWN -</td><td>REVISIED -</td></tr> <tr><td>PLOT SCALE = 10.0000 ' / in.</td><td>CHECKED -</td><td>REVISIED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>DATE - 02/13/2019</td><td>REVISIED -</td></tr> </table>																USER NAME = mc	DESIGNED -	REVISIED -		DRAWN -	REVISIED -	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										CROSS SECTIONS - ROCKLAND ROAD										<table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>1239</td><td>16-00116-00-PV</td><td>LAKE</td><td>168</td><td>157</td></tr> <tr><td colspan="5" style="text-align: right;">CONTRACT NO. 61F75</td></tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1239	16-00116-00-PV	LAKE	168	157	CONTRACT NO. 61F75				
USER NAME = mc	DESIGNED -	REVISIED -																																																														
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -																																																														
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																												
1239	16-00116-00-PV	LAKE	168	157																																																												
CONTRACT NO. 61F75																																																																
SCALE:																SHEET 45		OF 56		SHEETS		STA. 128+50.00		TO STA. 128+90.00		ILLINOIS		FED. AID PROJECT																																				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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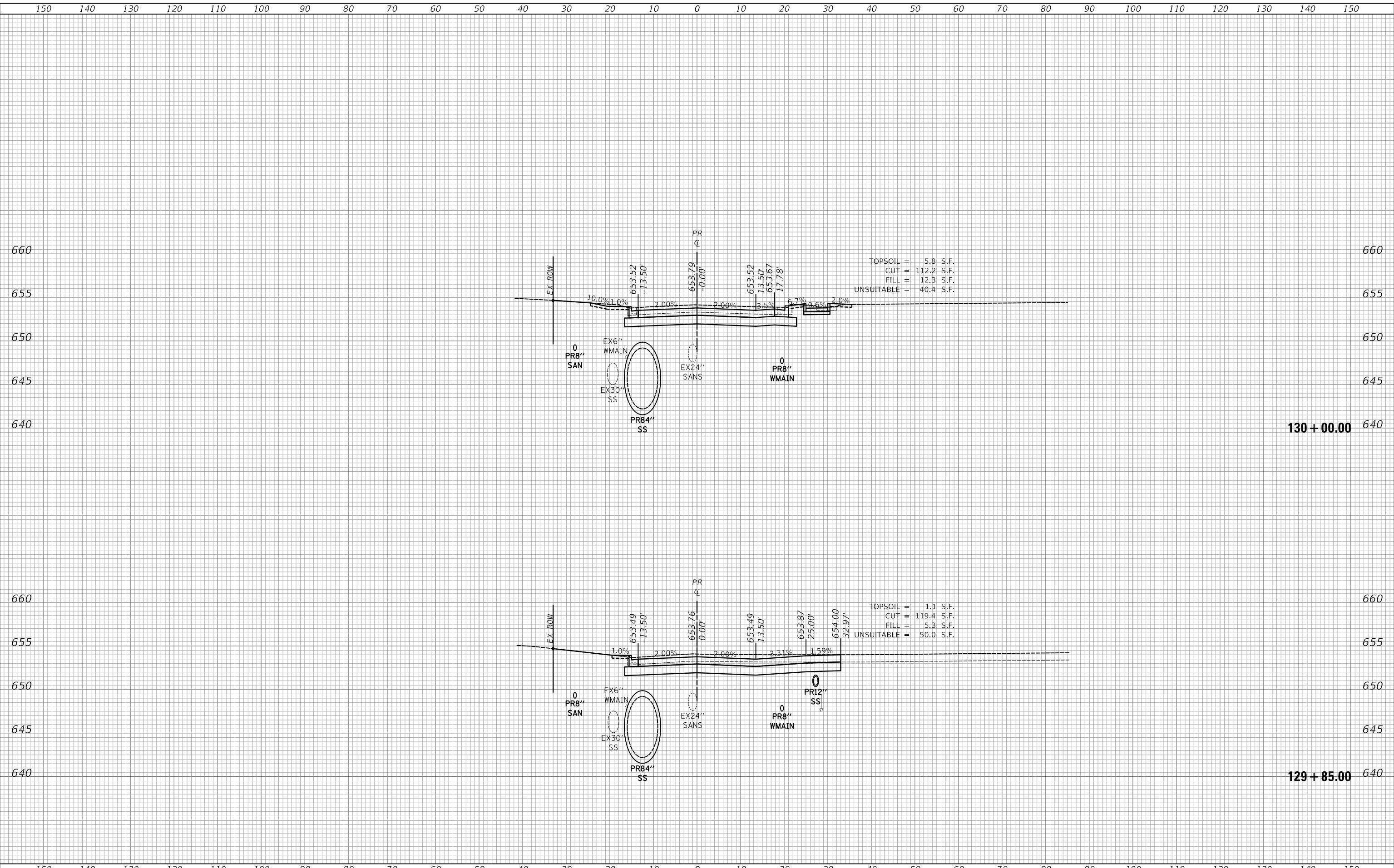


150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																													
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USER NAME = mc	DESIGNED -	REVISD -																																																									
	DRAWN -	REVISD -																																																									
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -																																																									
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																							
1239	16-00116-00-PV	LAKE	168	158																																																							
																SCALE: SHEET 46 OF 56 SHEETS STA. 129+00.00 TO STA. 129+50.00										ILLINOIS FED. AID PROJECT																																	

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE
	PLOTTED AREAS		
	TEMPLATE AREAS		
	NOTE BOOK AREAS		
	CHECKED AREAS		

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE
	PLOTTED AREAS		
	TEMPLATE AREAS		
	NOTE BOOK AREAS		
	CHECKED AREAS		

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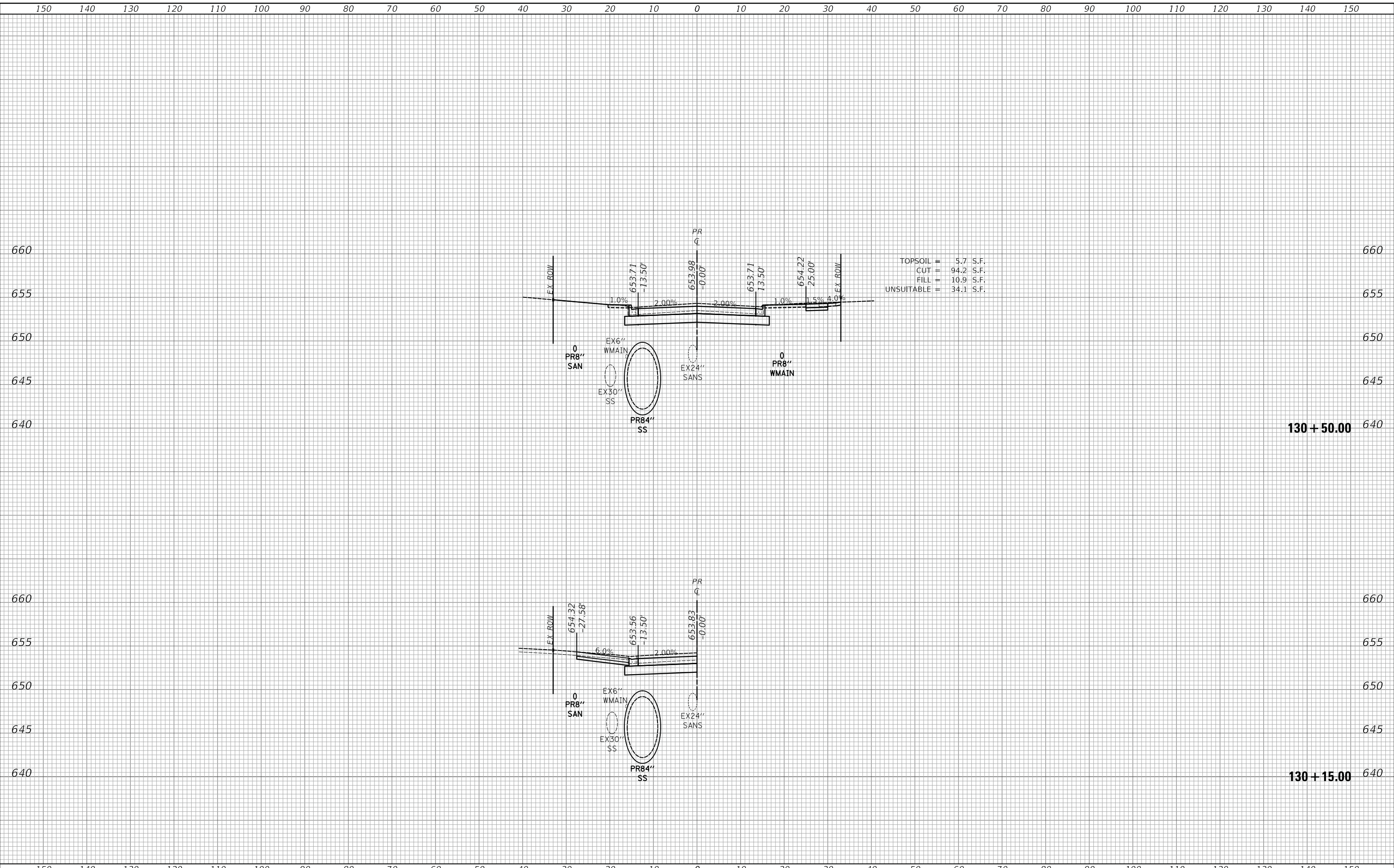


150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																																	
<table border="1"> <tr><td>USER NAME = mc</td><td>DESIGNED -</td><td>REVISIED -</td></tr> <tr><td></td><td>DRAWN -</td><td>REVISIED -</td></tr> <tr><td>PLOT SCALE = 10.0000 ' / in.</td><td>CHECKED -</td><td>REVISIED -</td></tr> <tr><td>PLOT DATE = 2/13/2019</td><td>DATE - 02/13/2019</td><td>REVISIED -</td></tr> </table>																USER NAME = mc	DESIGNED -	REVISIED -		DRAWN -	REVISIED -	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										CROSS SECTIONS - ROCKLAND ROAD										<table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>1239</td><td>16-00116-00-PV</td><td>LAKE</td><td>168</td><td>159</td></tr> </table>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1239	16-00116-00-PV	LAKE	168	159	<table border="1"> <tr><td colspan="2">CONTRACT NO. 61F75</td></tr> </table>		CONTRACT NO. 61F75	
USER NAME = mc	DESIGNED -	REVISIED -																																																													
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CONTRACT NO. 61F75																																																															
SCALE:																SHEET 47		OF 56		SHEETS		STA. 129+85.00		TO STA. 130+00.00		ILLINOIS		FED. AID PROJECT																																			

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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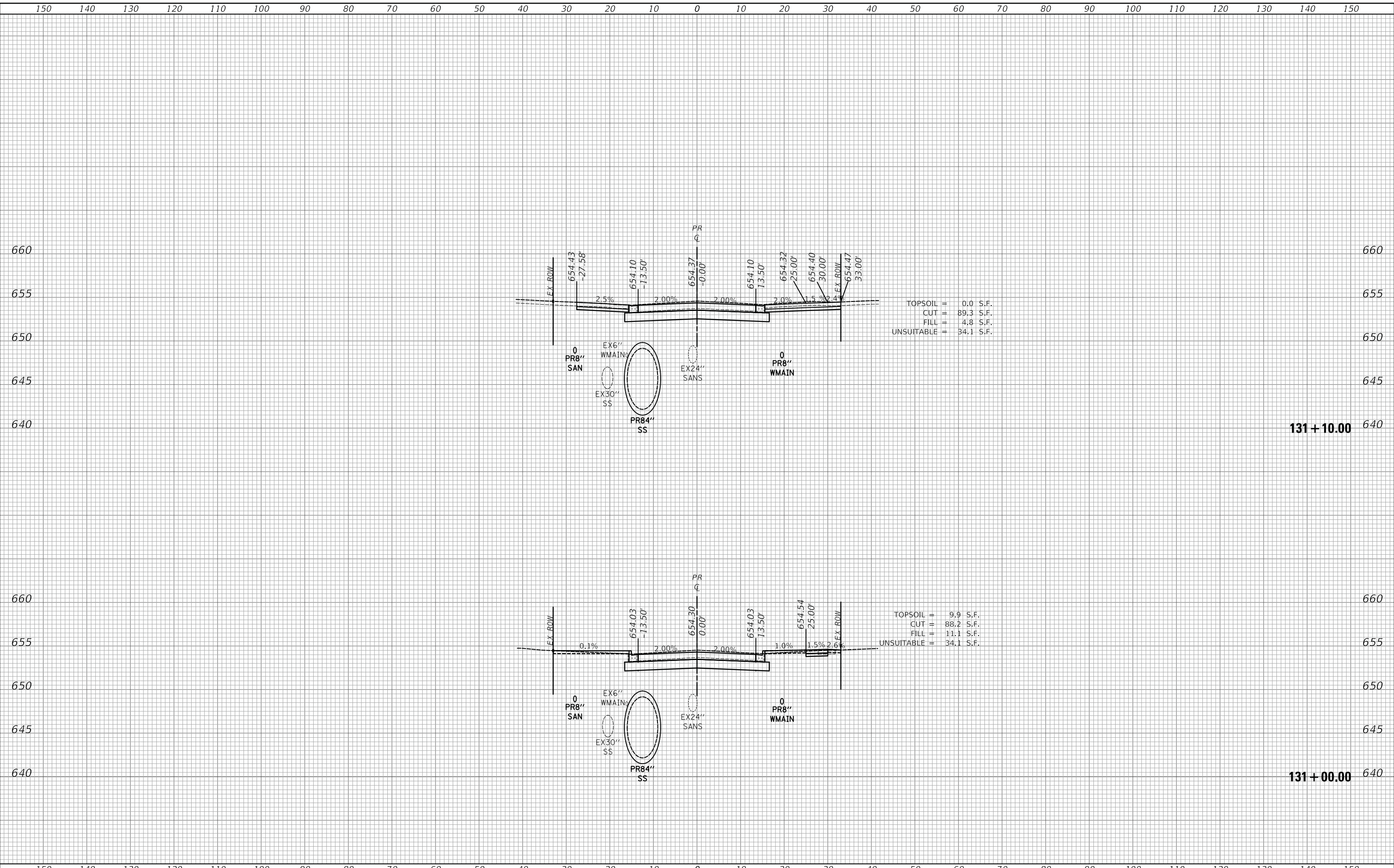
TOPSOIL = 5.7 S.F.
CUT = 94.2 S.F.
FILL = 10.9 S.F.
UNSUITABLE = 34.1 S.F.

150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																							
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SCALE:												SHEET 48		OF 56		SHEETS		STA. 130+15.00		TO STA. 130+50.00																																	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

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CUT = 89.3 S.F.
FILL = 4.8 S.F.
UNSUITABLE = 34.1 S.F.

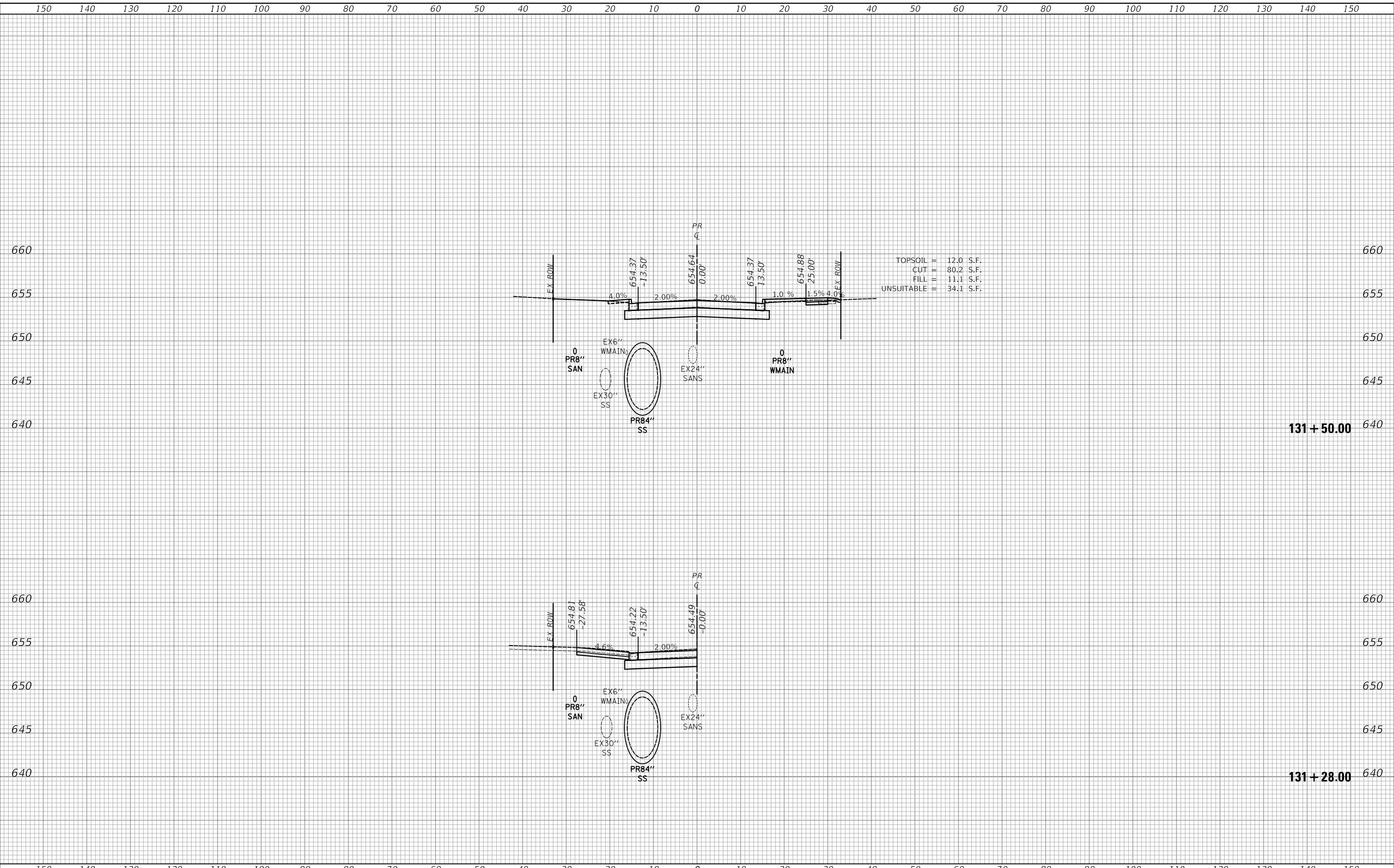
TOPSOIL = 9.9 S.F.
CUT = 88.2 S.F.
FILL = 11.1 S.F.
UNSUITABLE = 34.1 S.F.

150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																																		
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USER NAME = mc	DESIGNED -	REVISED -																																																														
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CONTRACT NO. 61F75																																																																
SCALE:																SHEET 49 OF 56 SHEETS		STA. 131+00.00 TO STA. 131+10.00										ILLINOIS FED. AID PROJECT																																				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

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150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																																									
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ILLINOIS	FED. AID PROJECT																																																																						

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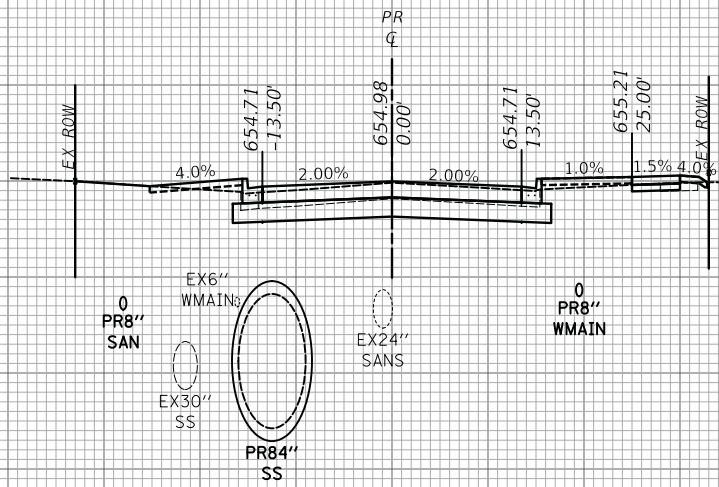
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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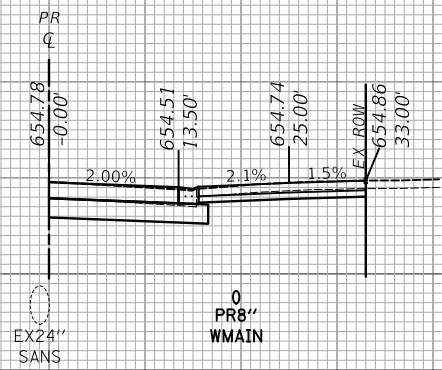
132 + 00.00



660
655
650

660
655
650

131 + 70.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - ROCKLAND ROAD

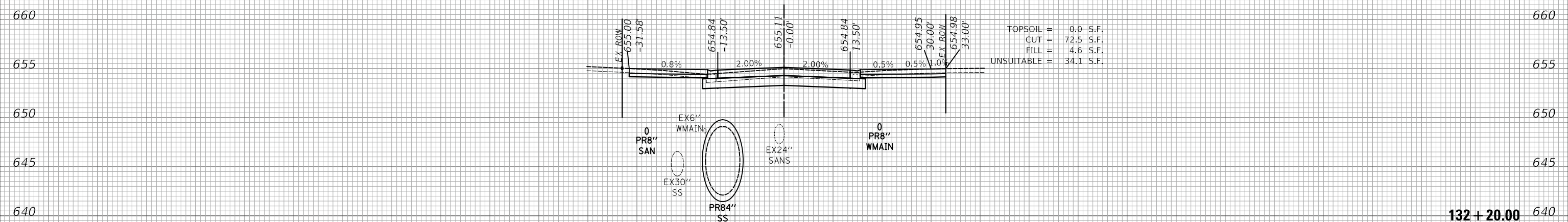
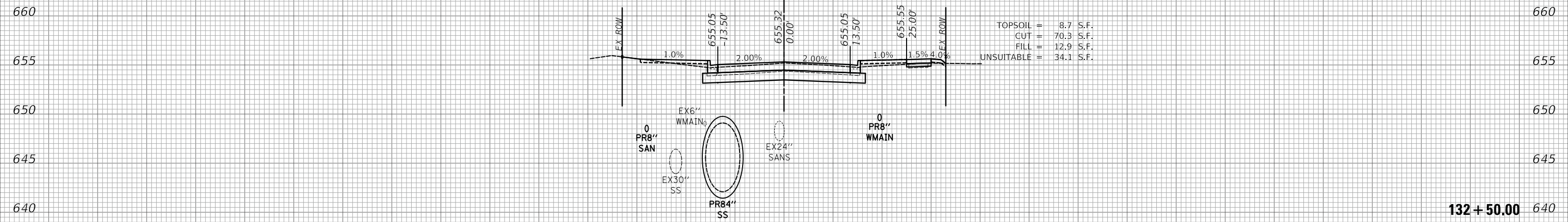
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	163
CONTRACT NO. 61F75				
ILLINOIS		FED. AID PROJECT		

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FINAL SURVEY NO.	SURVEYED AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	DATE



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	DATE - 02/13/2019	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

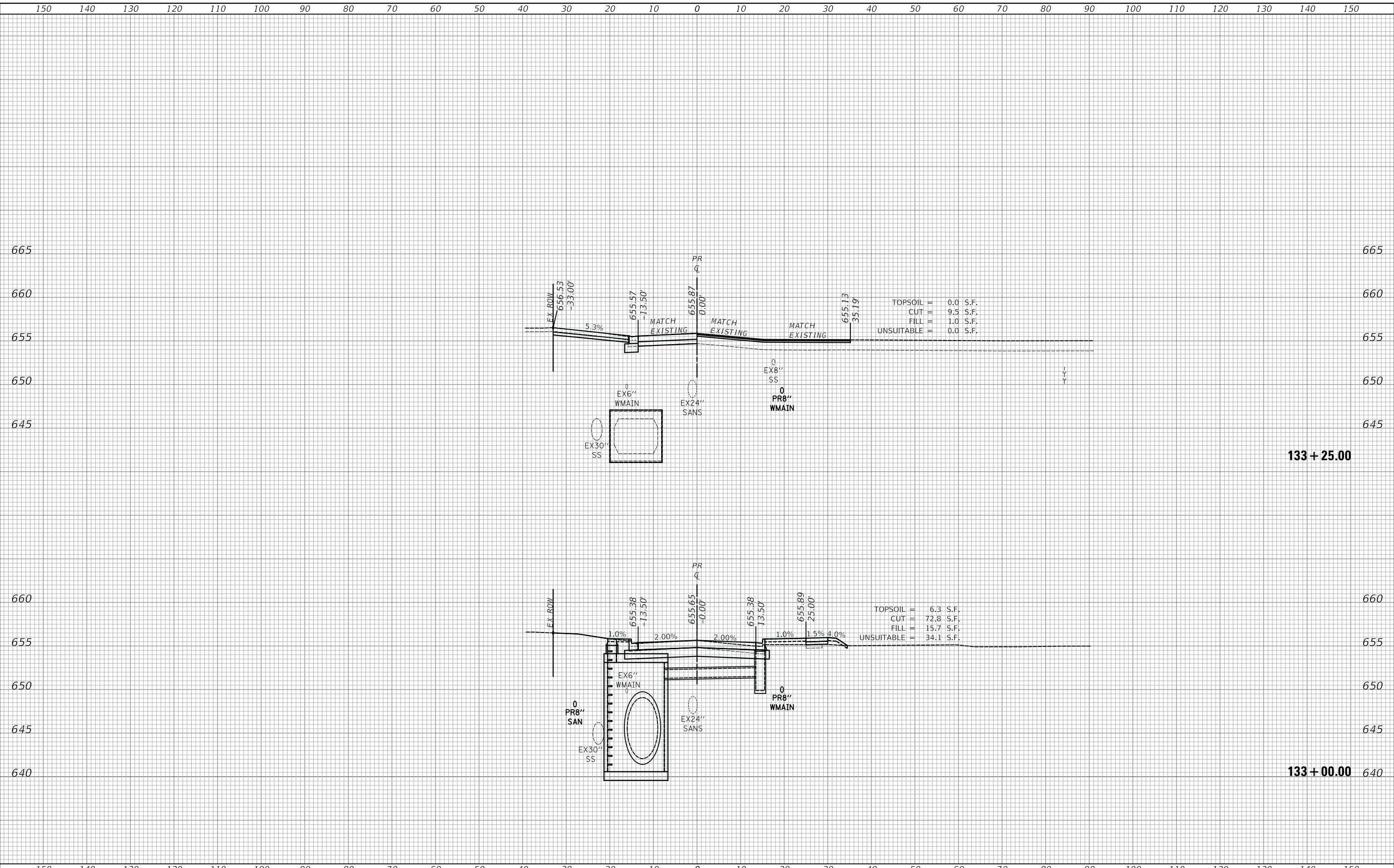
SCALE: SHEET 52 OF 56 SHEETS STA. 132+20.00 TO STA. 132+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	164
CONTRACT NO. 61F75				
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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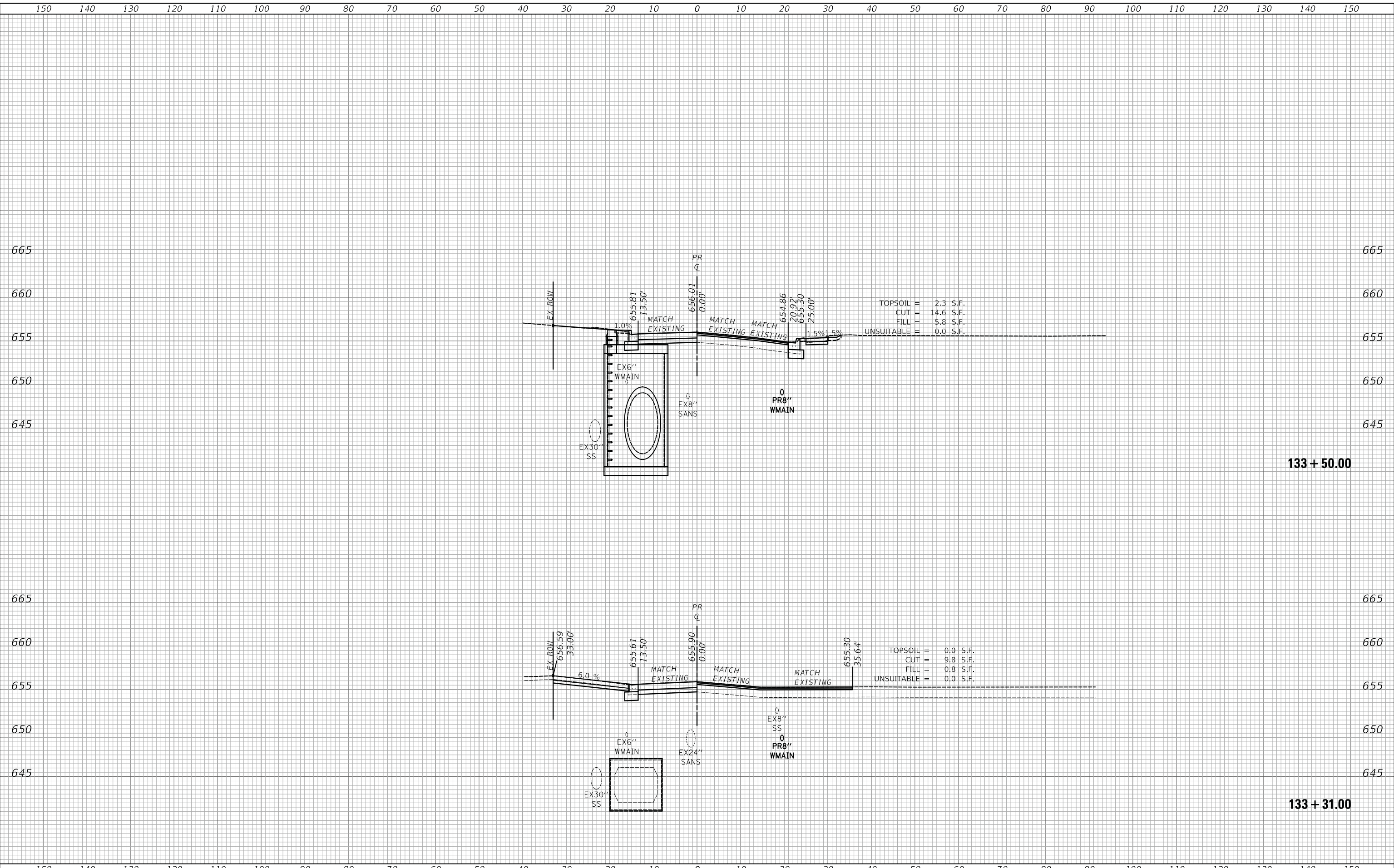


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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISD -		SCALE:	SHEET 53	OF 56	SHEETS	STA. 133+00.00	TO STA. 133+25.00	CONTRACT NO. 61F75		
PLOT DATE = 2/13/2019	CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT								
	DATE - 02/13/2019	REVISD -										

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

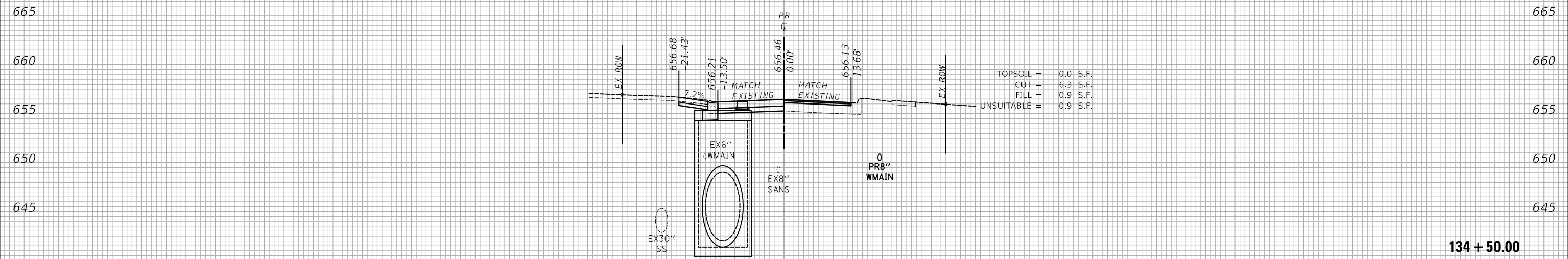
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USER NAME = mc	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - ROCKLAND ROAD				F.A.U. RTE. 1239	SECTION 16-00116-00-PV	COUNTY LAKE	TOTAL SHEETS 168	SHEET NO. 166
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE: SHEET 54 OF 56 SHEETS STA. 133+31.00 TO STA. 133+50.00				CONTRACT NO. 61F75				
PLOT DATE = 2/13/2019	CHECKED -	REVISD -						ILLINOIS FED. AID PROJECT				
	DATE - 02/13/2019	REVISD -										

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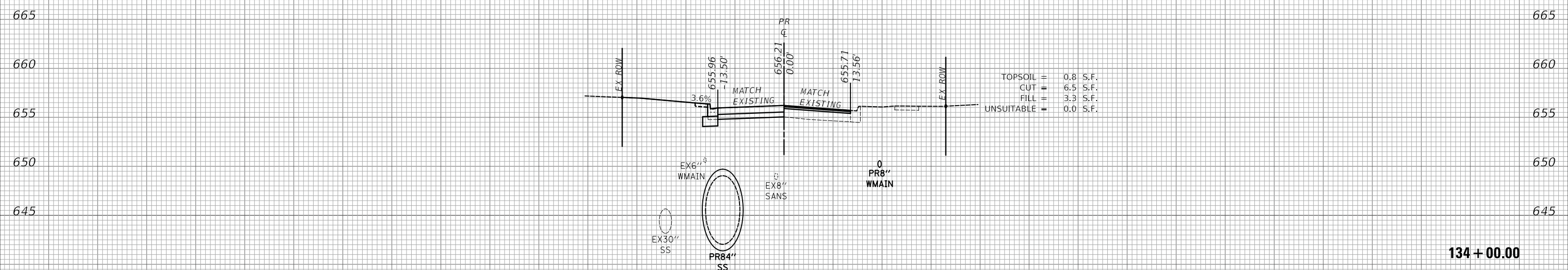
FINAL SURVEY NO.	SURVEYED BY	DATE
NO.	PLOTTED TEMPLATE AREAS CHECKED	



TOPSOIL = 0.0 S.F.
 CUT = 6.3 S.F.
 FILL = 0.9 S.F.
 UNSUITABLE = 0.9 S.F.

134 + 50.00

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NO.	PLOTTED TEMPLATE AREAS CHECKED	



TOPSOIL = 0.8 S.F.
 CUT = 6.5 S.F.
 FILL = 3.3 S.F.
 UNSUITABLE = 0.0 S.F.

134 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = mc	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 55 OF 56 SHEETS STA. 134+00.00 TO STA. 134+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	167
CONTRACT NO. 61F75				

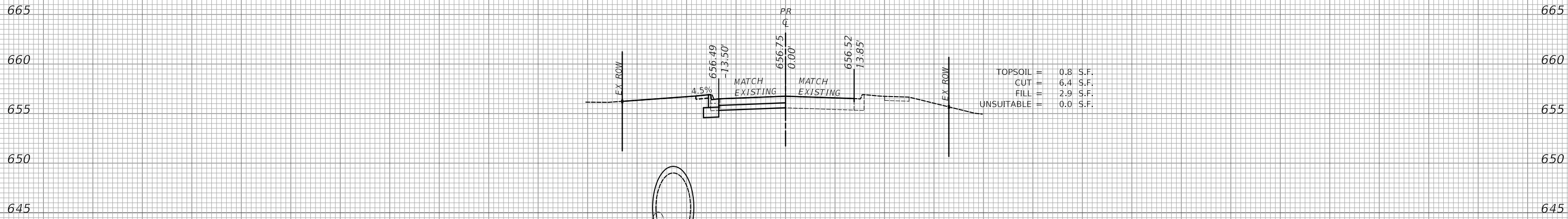
ILLINOIS FED. AID PROJECT

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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - ROCKLAND ROAD

SCALE: SHEET 56 OF 56 SHEETS STA. 135+00.00 TO STA. 135+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	168
CONTRACT NO. 61F75			ILLINOIS FED. AID PROJECT	