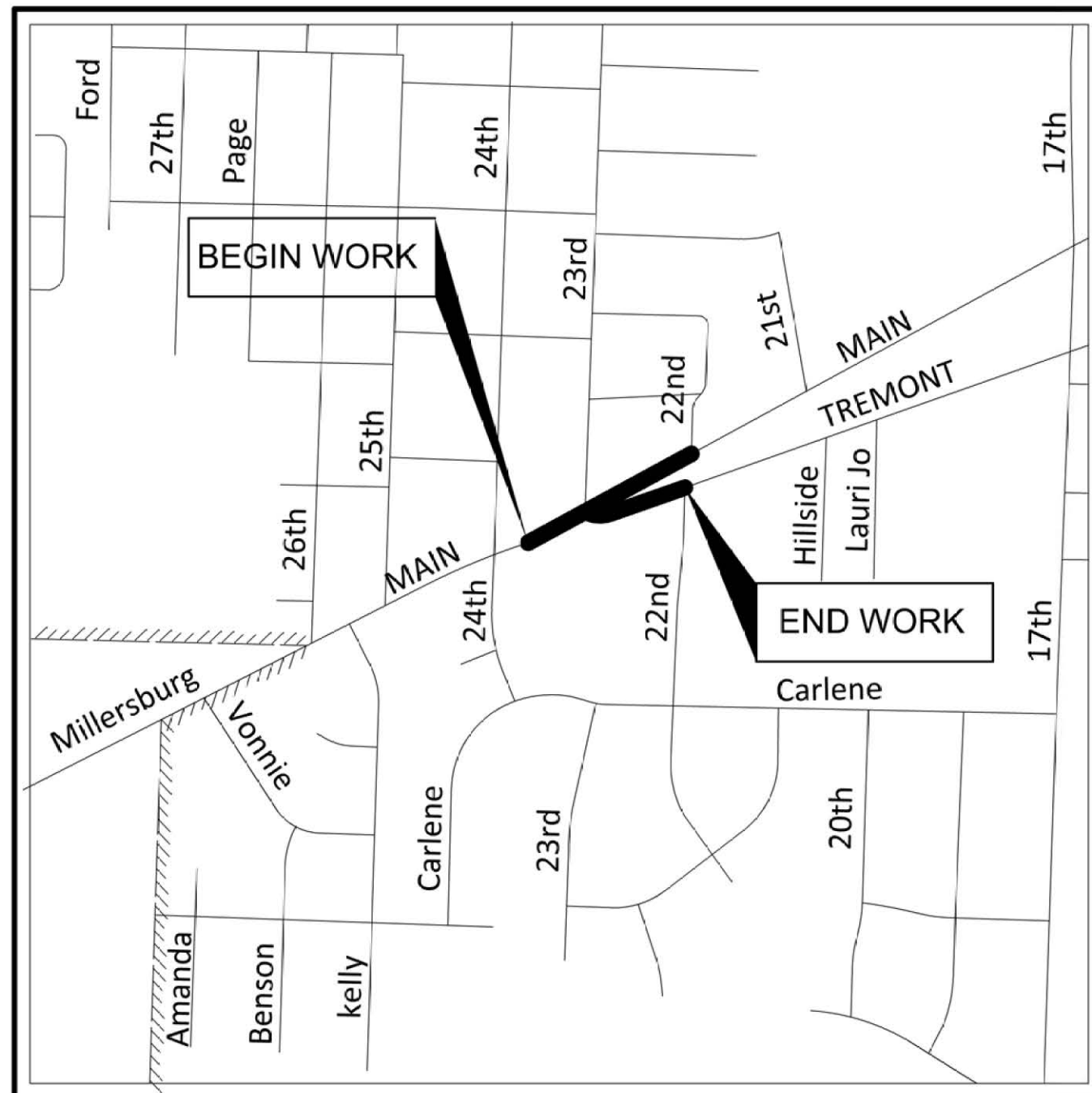


CITY OF MASSILLON
CITY ENGINEERING DEPARTMENT
STARK COUNTY, OHIO
STA Main/Tremont RAB



LOCATION MAP

LATITUDE: 40°47'14" LONGITUDE: -81°33'03"



PORTION TO BE IMPROVED	_____	_____
INTERSTATE HIGHWAY	_____	_____
FEDERAL ROUTES	_____	_____
STATE ROUTES	_____	_____
COUNTY & TOWNSHIP ROADS	_____	_____
OTHER ROADS	_____	_____

DESIGN DESIGNATION

CURRENT ADT (2024)	4010
DESIGN YEAR ADT (2044)	4612
DESIGN HOURLY VOLUME (2044)	419
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	2.0%
DESIGN SPEED	25 MPH
LEGAL SPEED	25 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
O4- MINOR ARTERIAL	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NON REQUIRED

UNDERGROUND UTILITIES Contact Two Working Days Before You Dig	
 OHIO 811.org Before You Dig	
OHIO 811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)	



ENGINEERS SEAL:

SIGNED: _____
DATE: _____

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[illegible]

PROJECT DESCRIPTION

WORK SHALL INCLUDE FULL DEPTH PAVEMENT, PAVEMENT PLANING, PLACEMENT OF A NEW SURFACE COURSE, CURB, DRIVE APRON RECONSTRUCTION, CONCRETE WALKS, DRIVEWAY, SIGNING, REMOVAL OF SIGNAL, PAVEMENT MARKINGS, AND MINOR DRAINAGE IMPROVEMENT AND CATCH BASIN REPLACEMENT.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	1.37 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	1.37 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	1.37 ACRES

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF
TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS
LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

TRAFFIC RE-ROUTED

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET 8 .

APPROVED _____
DATE _____ DIRECTOR OF SAFETY AND SERVICE

APPROVED _____
DATE _____ CITY ENGINEER

STA Main/Tremont RAB
Title Sheet

COMPANY



DESIGNER

FW

REVIEWER / DATE

AP 7/2025

PROJECT ID:

00s†08/120493

SHEET No. _____		Total _____	
-----------------	--	-------------	--

SHEET NO.	Total
1	48

1 CURVE DATA
P.I. = Sta. 22+40.35
Δ = 3°08'38" Rt.
D_C = 05°43'46"
R = 1000.00'
T = 27.44'
L = 54.87'
E = 0.38'
C = 54.86'
C.B. = N 68°34'52" E
P.C. = Sta. 22+12.91
P.T. = Sta. 22+67.78

2 CURVE DATA
P.I. = Sta. 23+76.29
Δ = 13°40'13" Lt.
D_C = 14°19'26"
R = 400.00'
T = 47.95'
L = 95.44'
E = 2.86'
C = 95.21'
C.B. = N 63°19'04" E
P.C. = Sta. 23+28.34
P.T. = Sta. 24+23.78

3 CURVE DATA
P.I. = Sta. 25+58.59
Δ = 17°59'41" Rt.
D_C = 12°43'57"
R = 450.00'
T = 71.25'
L = 141.33'
E = 5.61'
C = 140.75'
C.B. = N 65°28'48" E
P.C. = Sta. 24+87.34
P.T. = Sta. 26+28.67

4 CURVE DATA
P.I. = Sta. 27+10.07
Δ = 40°22'34" Lt.
D_C = 76°23'40"
R = 75.00'
T = 27.58'
L = 52.85'
E = 4.91'
C = 51.77'
C.B. = N 54°17'22" E
P.C. = Sta. 26+82.49
P.T. = Sta. 27+35.34

5 CURVE DATA
P.I. = Sta. 28+29.81
Δ = 32°00'00" Lt.
D_C = 36°57'54"
R = 155.00'
T = 44.47'
L = 86.59'
E = 6.25'
C = 85.45'
C.B. = N 54°17'22" E
P.C. = Sta. 27+85.34
P.T. = Sta. 28+71.91

6 CURVE DATA
P.I. = Sta. 29+78.46
Δ = 4°33'59" Rt.
D_C = 15°16'44"
R = 375.00'
T = 14.95'
L = 29.89'
E = 0.30'
C = 29.88'
C.B. = N 63°49'6" E
P.C. = Sta. 29+63.51
P.T. = Sta. 29+93.41

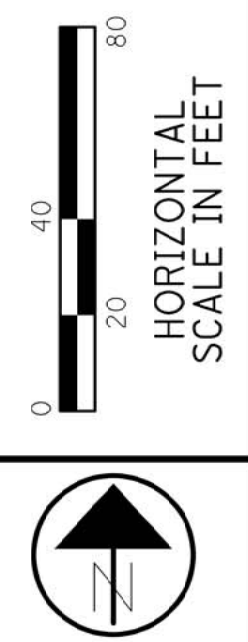
7 CURVE DATA
P.I. = Sta. 60+52.08
Δ = 14°38'29" Rt.
D_C = 14°07'56"
R = 405.42'
T = 52.08'
L = 103.60'
E = 3.33'
C = 103.32'
C.B. = N 5°19'54" W
P.C. = Sta. 60+00
P.T. = Sta. 61+03.60

8 CURVE DATA
P.I. = Sta. 11+05.18
Δ = 41°03'13" Lt.
D_C = 38°11'50"
R = 155.00'
T = 58.04'
L = 111.06'
E = 10.51'
C = 108.70'
C.B. = N 86°12'36" E
P.C. = Sta. 10+47.15
P.T. = Sta. 11+58.21

9 CURVE DATA
P.I. = Sta. 12+42.38
Δ = 4°48'01" Rt.
D_C = 11°27'33"
R = 500.00'
T = 20.96'
L = 41.89'
E = 0.44'
C = 41.88'
C.B. = N 68°4'59" E
P.C. = Sta. 12+21.26
P.T. = Sta. 12+63.15

DESCRIPTION	STATION	LOCATION	NORTH	EAST
CNPT #20 "IPS"	23+18.94, 20.77' LT	Main Ave Nw	409482.9180	2230948.1350
CNPT #10 "IPS"	25+94.57, 20.49' RT	Main Ave NW	409573.2090	2231204.6290

DESCRIPTION	STATION	LOCATION	NORTH	EAST
POB	20+00.00	Main Ave Nw	409342.7308	2230659.7776
PI	22+40.35	Main Ave NW	409436.6973	2230881.2480
PI	23+76.29	Main Ave NW	409482.8546	2231009.1257
PI	25+58.59	Main Ave NW	409583.7703	2231161.4930
PI	27+10.07	Main Ave NW	409624.6217	2231308.5732
POE	30+50	Main Ave NW	409820.9383	2231577.9453
INTERSECTION	26+98.38 10+00.00	Main Ave W Tremont Ave NW	409622.1755	2231294.9704
PI	28+29.87	Main Ave W	409725.6618	2231376.9862
PI	29+78.46	Main Ave W	409786.8415	2231515.0552
PI	11+05.18	Tremont Ave SW	409591.8848	2231395.6993
PI	12+42.38	Tremont Ave SW	409650.3753	2231525.1399
POE	13+00.00	Tremont Ave SW	409669.6334	2231579.4726



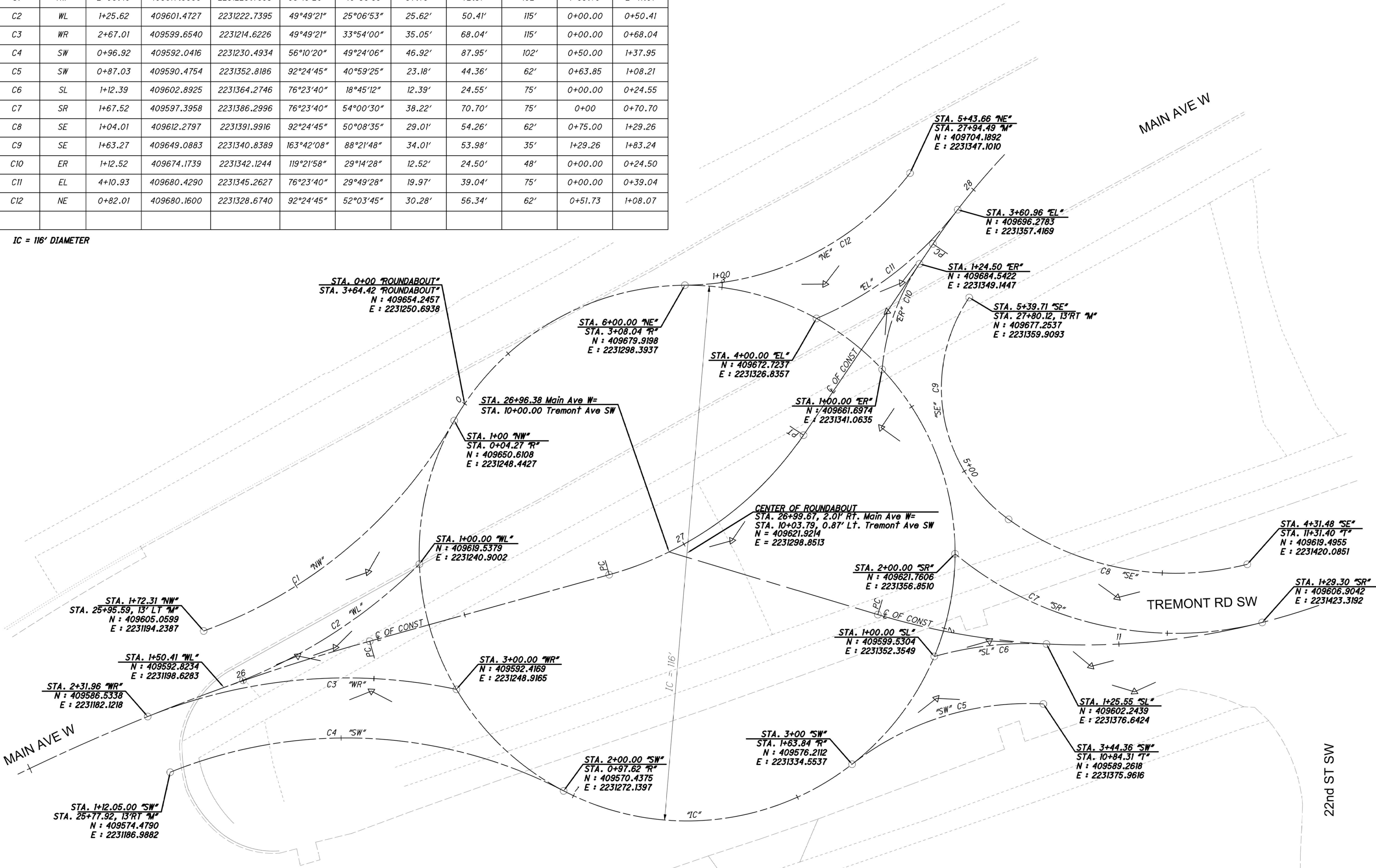
STA Main/Tremont RAB
Schematic Plan
City of Massillon
Stark County, Ohio



COMPANY
DESIGNER
FPW
REVIEWER / DATE
AP 7/2025
PROJECT ID
00st08/120493
SHEET
2
SHEET
49

CURVE TABLE: ALIGNMENT											
CURVE #	REF. LINE	P.I. STATION	P.I. NORTH	P.I. EAST	DEGREE OF CURVE	DELTA	TANGENT LENGTH (FT.)	ARC LENGTH (FT)	RADIUS	P.C. STATION	P.T. STATION
C1	"NW"	2+06.45	409617.8056	2231229.7693	56°10'20"	40°36'59"	37.75'	72.31'	102'	1+68.70	2+41.01
C2	WL	1+25.62	409601.4727	2231222.7395	49°49'21"	25°06'53"	25.62'	50.41'	115'	0+00.00	0+50.41
C3	WR	2+67.01	409599.6540	2231214.6226	49°49'21"	33°54'00"	35.05'	68.04'	115'	0+00.00	0+68.04
C4	SW	0+96.92	409592.0416	2231230.4934	56°10'20"	49°24'06"	46.92'	87.95'	102'	0+50.00	1+37.95
C5	SW	0+87.03	409590.4754	2231352.8186	92°24'45"	40°59'25"	23.18'	44.36'	62'	0+63.85	1+08.21
C6	SL	1+12.39	409602.8925	2231364.2746	76°23'40"	18°45'12"	12.39'	24.55'	75'	0+00.00	0+24.55
C7	SR	1+67.52	409597.3958	2231386.2996	76°23'40"	54°00'30"	38.22'	70.70'	75'	0+00	0+70.70
C8	SE	1+04.01	409612.2797	2231391.9916	92°24'45"	50°08'35"	29.01'	54.26'	62'	0+75.00	1+29.26
C9	SE	1+63.27	409649.0883	2231340.8389	163°42'08"	88°21'48"	34.01'	53.98'	35'	1+29.26	1+83.24
C10	ER	1+12.52	409674.1739	2231342.1244	119°21'58"	29°14'28"	12.52'	24.50'	48'	0+00.00	0+24.50
C11	EL	4+10.93	409680.4290	2231345.2627	76°23'40"	29°49'28"	19.97'	39.04'	75'	0+00.00	0+39.04
C12	NE	0+82.01	409680.1600	2231328.6740	92°24'45"	52°03'45"	30.28'	56.34'	62'	0+51.73	1+08.07

IC = 116' DIAMETER



01020

HORIZONTAL SCALE IN FEET

STA Main/Tremont RAB
REFERENCE LINE LAYOUT PLAN
City of Massillon
Stark County, Ohio

COMPANY



DESIGNER

FW

REVIEWER / DATE

AP 7/2025

PROJECT ID

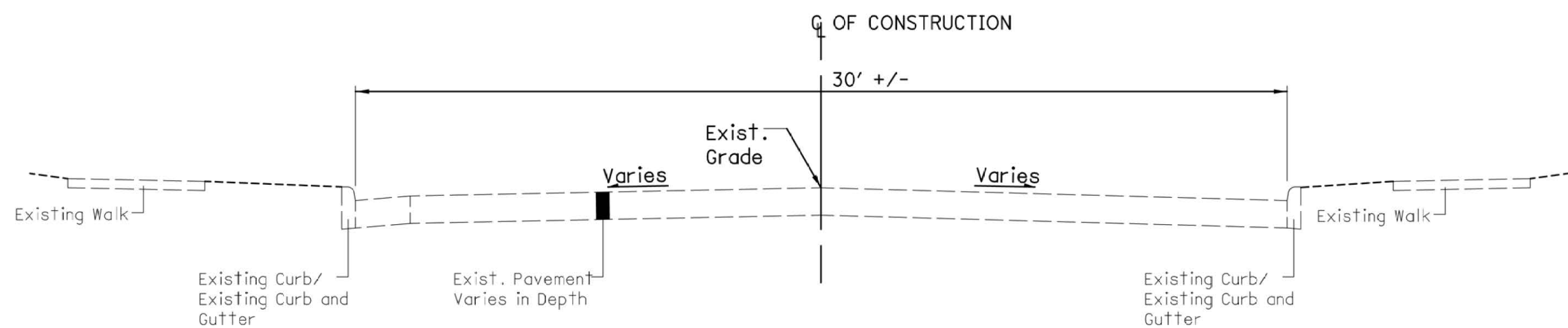
00s108/120493

SHEET

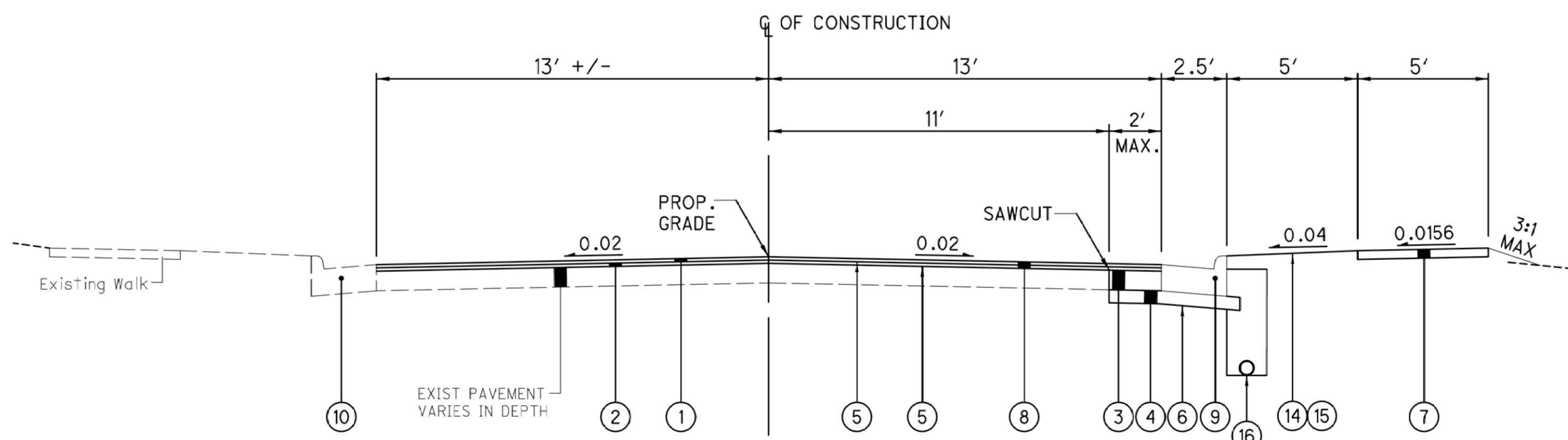
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SHEET

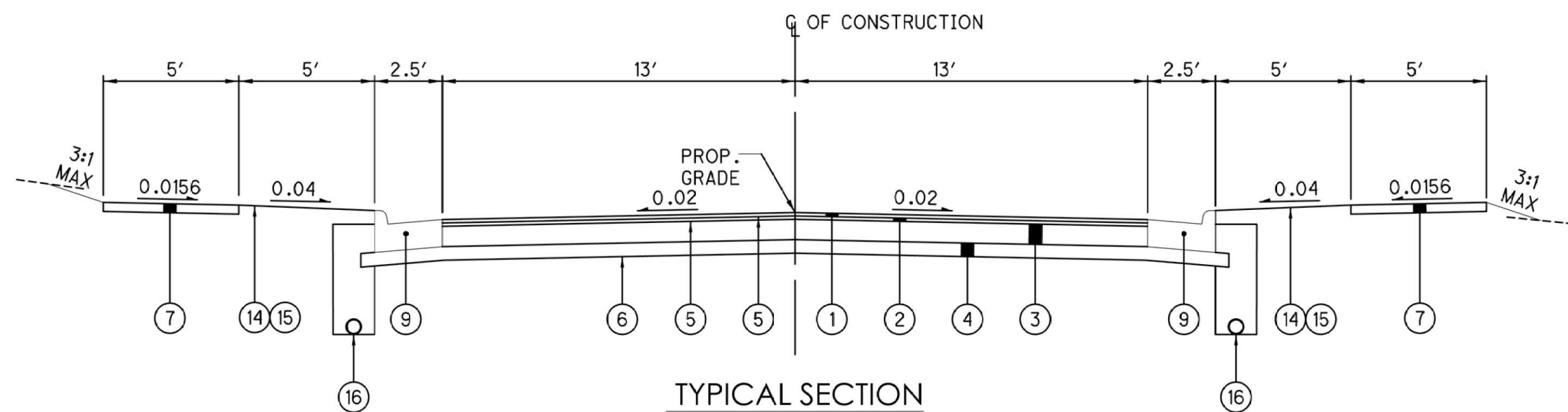
49



Existing Typical Section
MAIN AVE W / TREMONT AVE SW
22ND ST NW / 22ND ST SW / 23RD ST NW

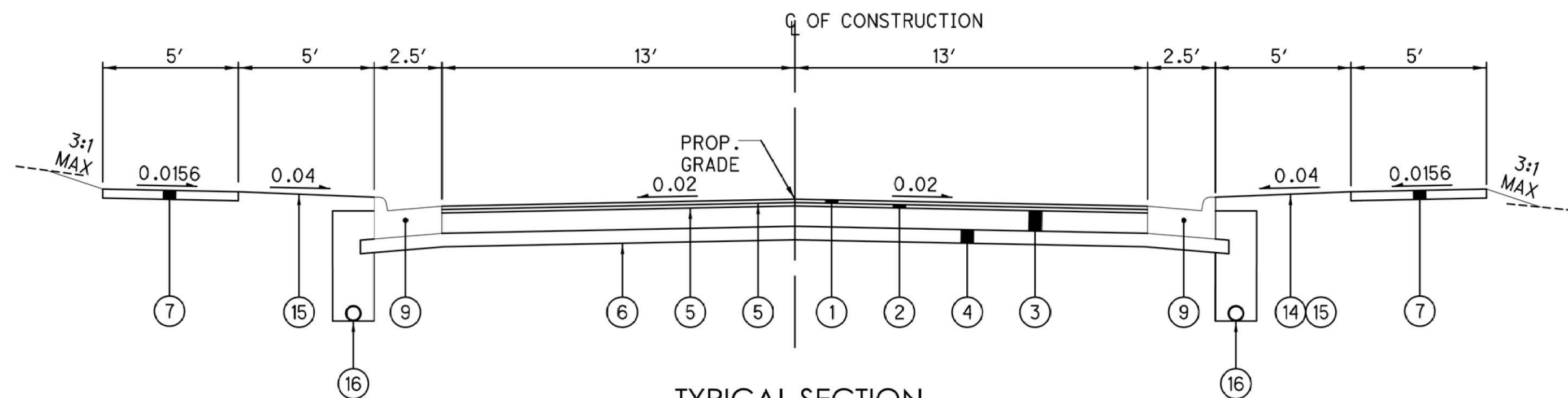


TYPICAL SECTION
MAIN AVE W
STA 20+90 TO STA 24+70.16

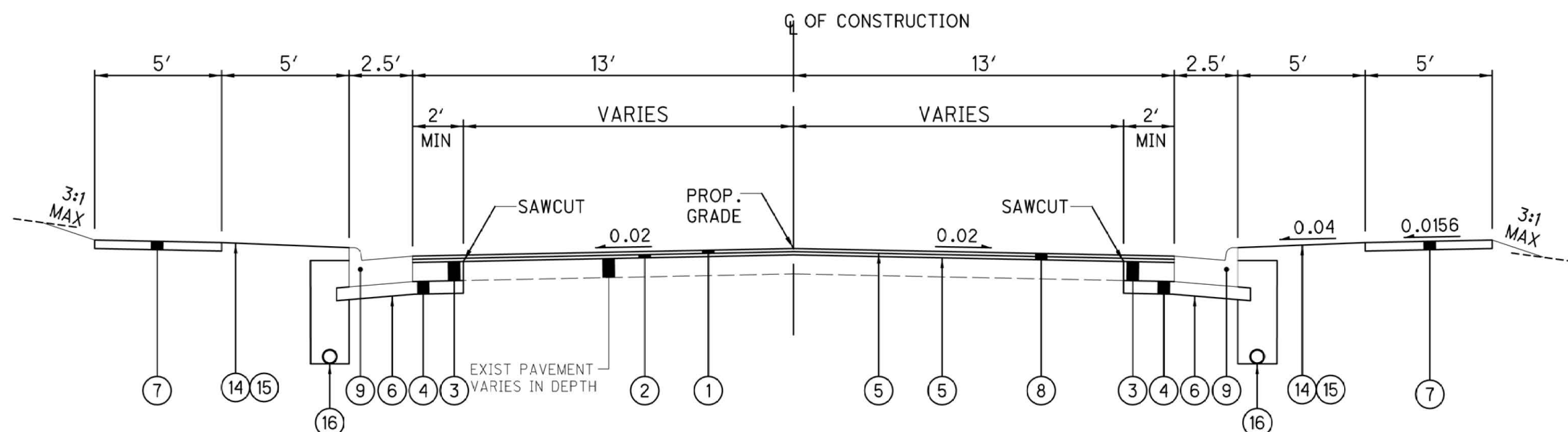


LEFT
STA 25+50.64 TO STA 25+95.59
STA 27+80.12 TO STA 29+75

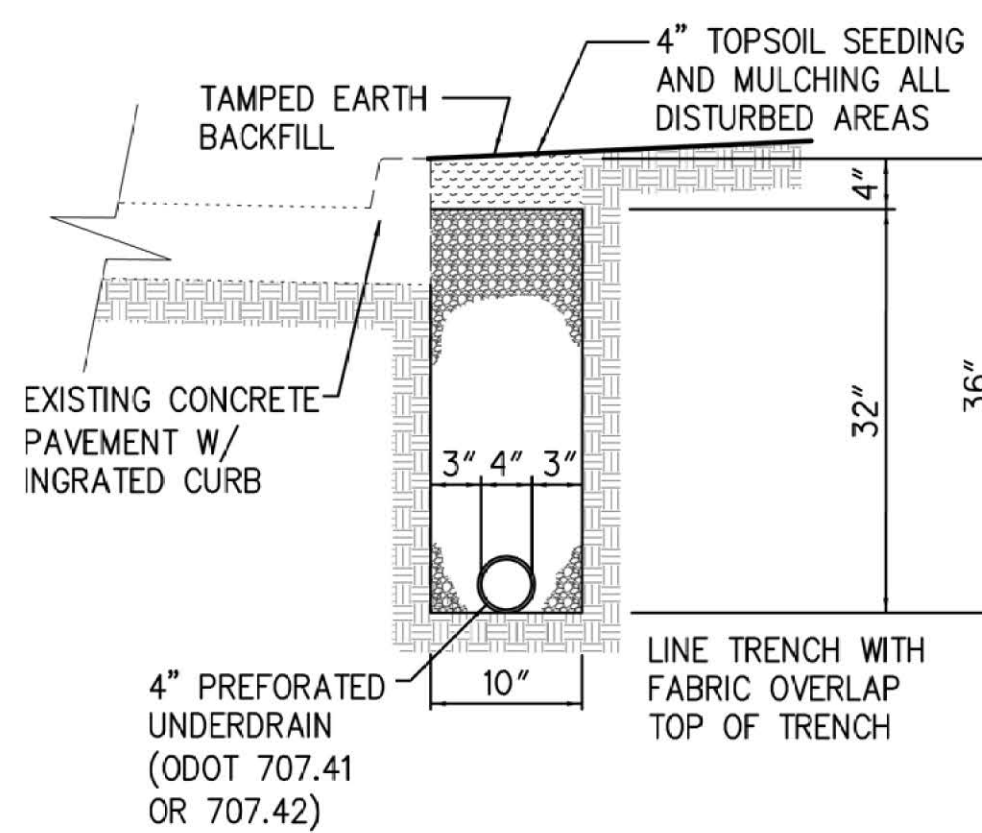
RIGHT
STA 25+50.64 TO STA 25+77.92
STA 27+94.49 TO STA 29+75



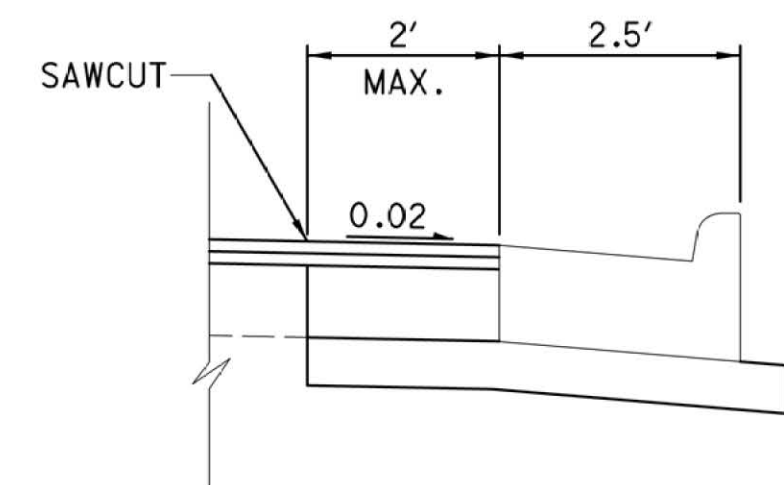
TYPICAL SECTION
TREMONT AVE SW
STA 11+31.40 TO STA 12+75



TYPICAL SECTION
MAIN AVE W
STA 24+70.16 TO STA 25+50.64



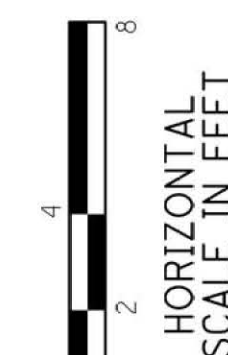
SHALLOW PIPE UNDERDRAIN



PAVEMENT WIDENING AND REDUCTION

PROPOSED LEGEND

- ① - ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG 64-22 [T=1 1/2"]
- ② - ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG 64-22 [T=1 1/2"]
- ③ - ITEM 301 - ASPHALT CONCRETE BASE, PG64-22, (449) [T=9"] MULTIPLE LIFTS
- ④ - ITEM 304 - AGGREGATE BASE [T=6"]
- ⑤ - ITEM 407 - NON-TRACKING TACK COAT (@0.10 GAL/SQ YD)
- ⑥ - ITEM 204 - SUBGRADE COMPACTION
- ⑦ - ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ⑧ - ITEM 254 - VARIES PAVEMENT PLANING (3" MAX. TO 0" MIN.), AS PER PLAN
- ⑨ - ITEM 609 - COMBINED CURB AND GUTTER, TYPE 2
- ⑩ - ITEM 609 - CURB, TYPE 6
- ⑪ - ITEM 609 - INTERIOR MOUNTABLE TRUCK APRON CURB
- ⑫ - ITEM 609 - EXTERIOR MOUNTABLE TRUCK APRON CURB
- ⑬ - ITEM 452 - 9" NON-REINFORCED CONCRETE, CLASS QCMS (DECORATIVE) (TRUCK APRON) (STAMPED: PATTERN = RUNNING BOND USED BRICK, COLOR = BRICK RED)
- ⑭ - ITEM 653 - TOPSOIL FURNISHED AND PLACED
- ⑮ - ITEM 659 - SEEDING AND MULCHING
- ⑯ - ITEM 605 - 4" SHALLOW PIPE UNDERDRAINS



HORIZONTAL
SCALE IN FEET

STA Main/Tremont RAB

Typical Section
City of Massillon
Stark County, Ohio

COMPANY



DESIGNER

AP

REVIEWER / DATE

FW 3/6/2025

PROJECT ID

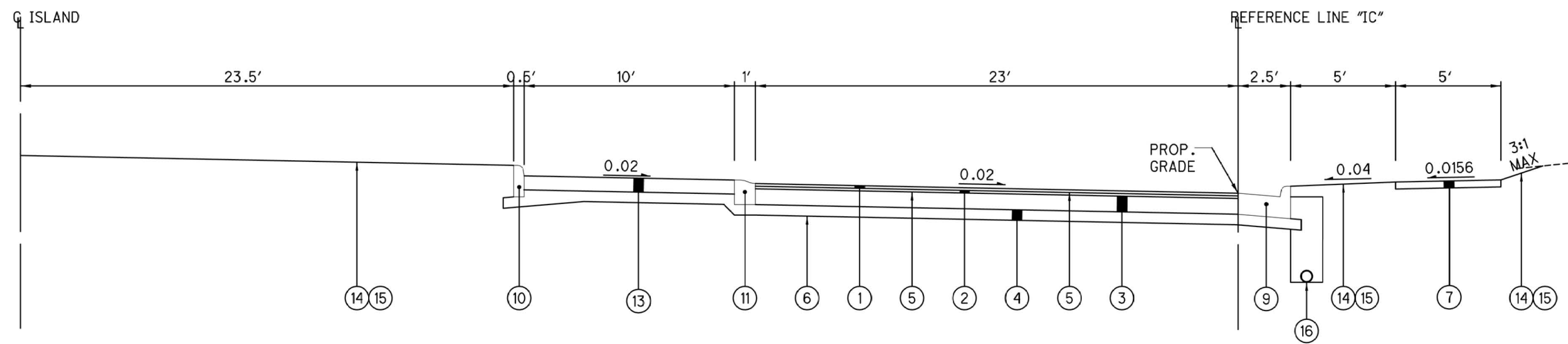
22ST08 / 120493

SHEET

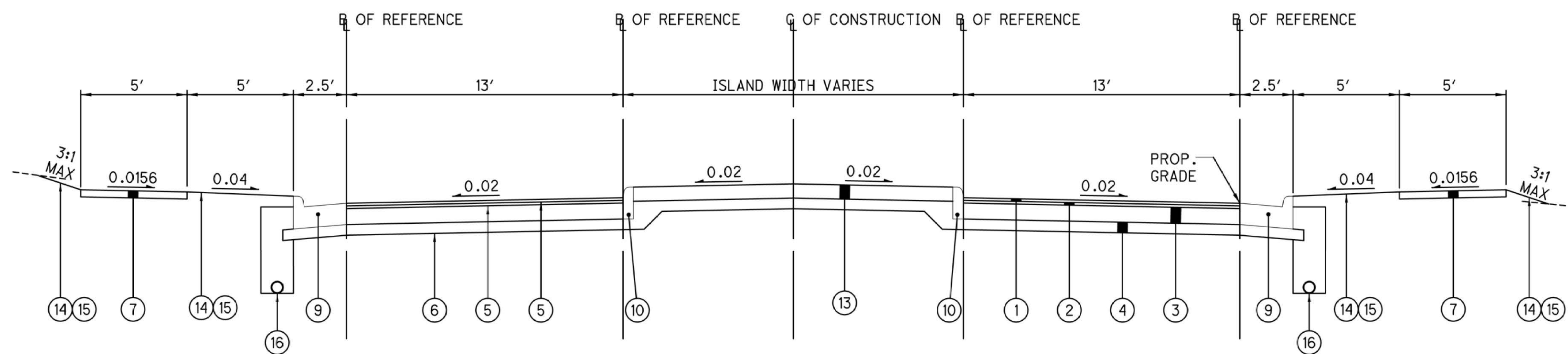
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SHEET

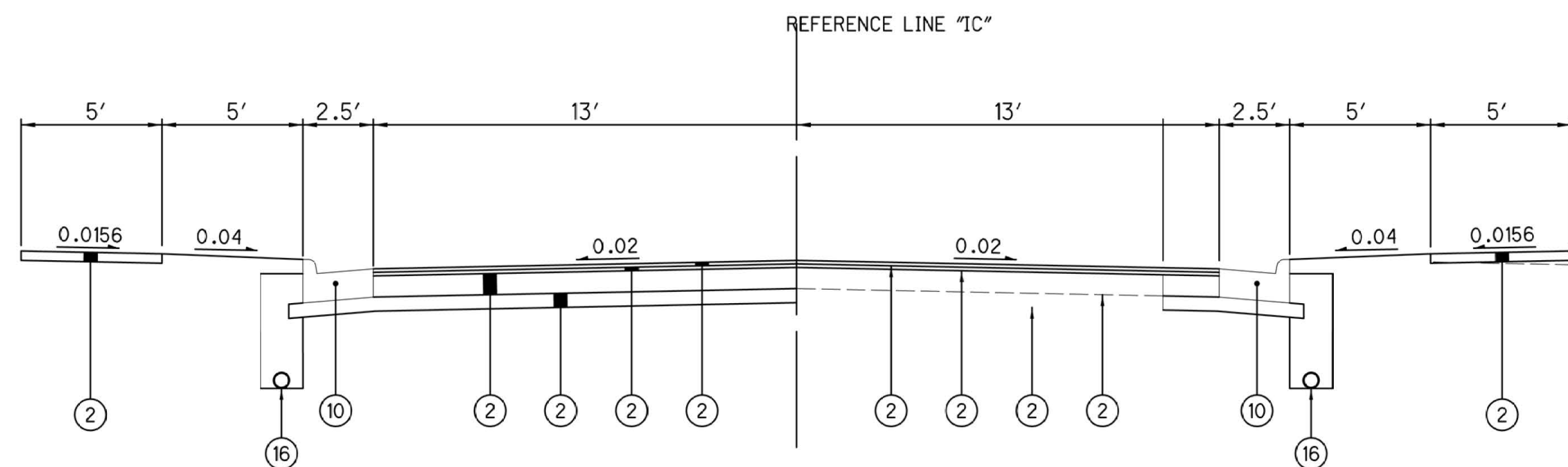
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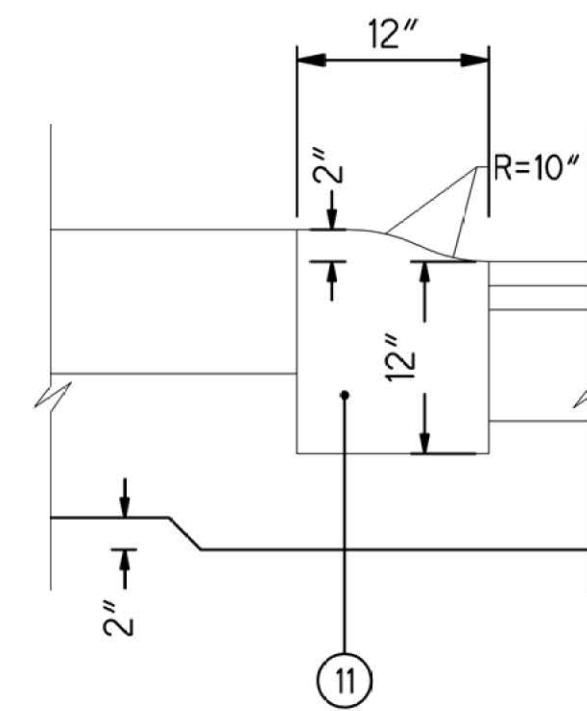
TYPICAL SECTION - ROUNDABOUT
ROUNDABOUT
STA 0+00 TO STA 3+64.42



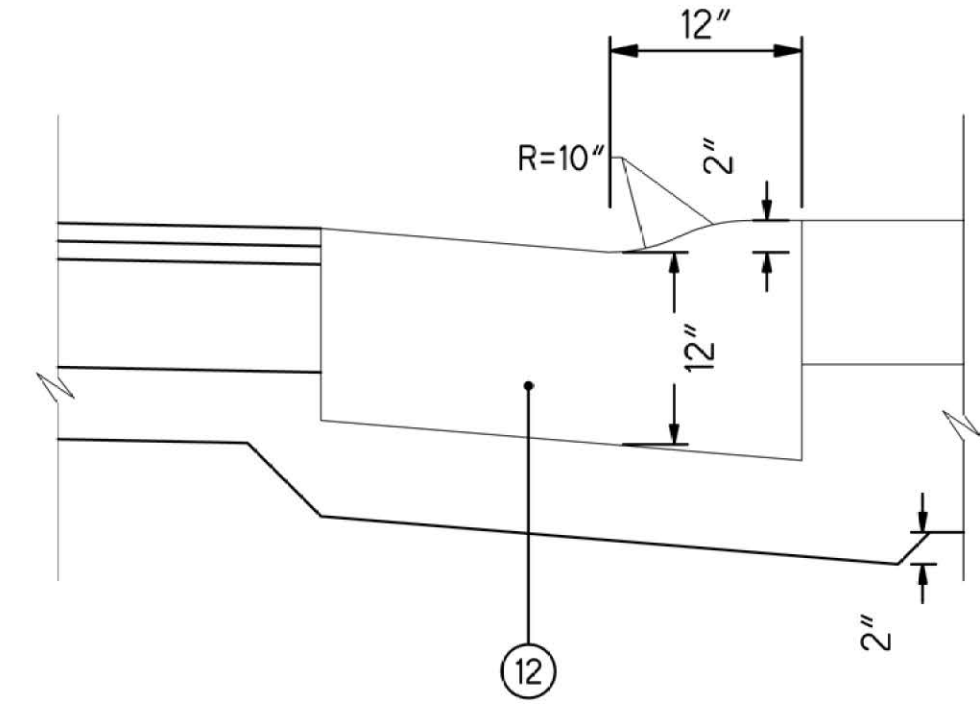
TYPICAL SECTION - SPLITTER ISLAND
MAIN AVE W
STA 26+06.79 TO STA 26+39.98
STA 27+59.71 TO STA 27+76.23
TREMONT AVE SW
STA 10+63.82 TO STA 10+99.02



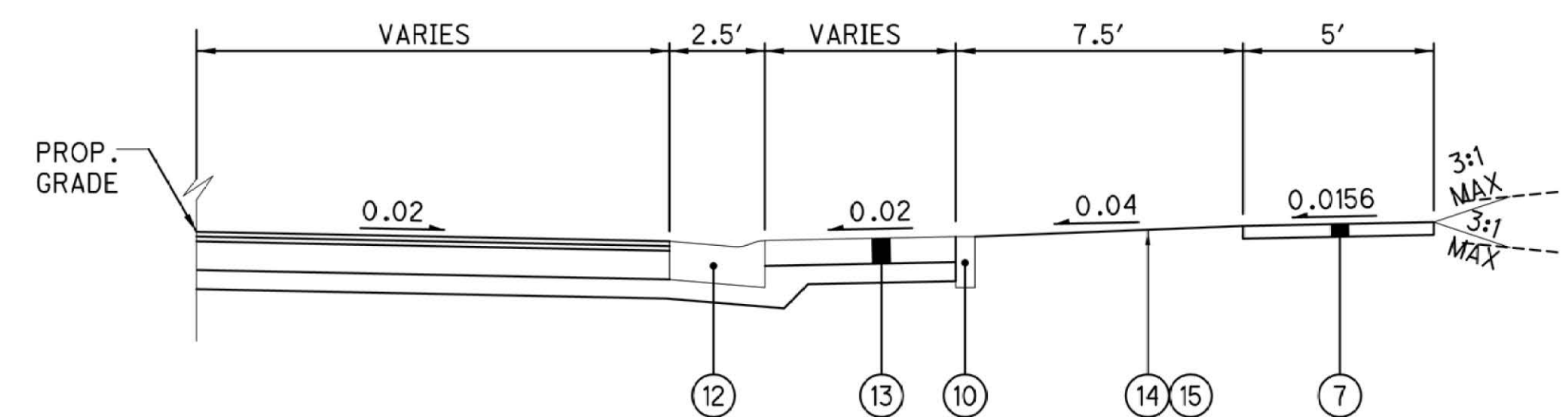
TYPICAL SECTION - MAIN AVE W AND TREMONT AVE SW
CHARLES AVE SE
STA 10+48.57 TO STA 13+08



INTERIOR MOUNTABLE
TRUCK APRON CURB



EXTERIOR MOUNTABLE
TRUCK APRON CURB



EXTERIOR TRUCK APRON DETAIL

PROPOSED LEGEND

- ① - ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG 64-22 [T=1 1/2"]
- ② - ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG 64-22 [T=1 1/2"]
- ③ - ITEM 301 - ASPHALT CONCRETE BASE, PG64-22, (449) [T=9"] MULTIPLE LIFTS
- ④ - ITEM 304 - AGGREGATE BASE [T=6"]
- ⑤ - ITEM 407 - NON-TRACKING TACK COAT (@0.10 GAL/SQ YD)
- ⑥ - ITEM 204 - SUBGRADE COMPACTION
- ⑦ - ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ⑧ - ITEM 254 - VARIES PAVEMENT PLANING (3" MAX. TO 0" MIN.), AS PER PLAN
- ⑨ - ITEM 609 - COMBINED CURB AND GUTTER, TYPE 2
- ⑩ - ITEM 609 - CURB, TYPE 6
- ⑪ - ITEM 609 - CURB MISC.: INTERIOR MOUNTABLE TRUCK APRON CURB (SEE DETAIL THIS SHEET)
- ⑫ - ITEM 609 - CURB MISC.: EXTERIOR MOUNTABLE TRUCK APRON CURB (SEE DETAIL THIS SHEET)
- ⑬ - ITEM 452 - 9" NON-REINFORCED CONCRETE, CLASS QCMS (DECORATIVE) (TRUCK APRON) (STAMPED: PATTERN = RUNNING BOND USED BRICK, COLOR = BRICK RED)
- ⑭ - ITEM 653 - TOPSOIL FURNISHED AND PLACED
- ⑮ - ITEM 659 - SEEDING AND MULCHING
- ⑯ - ITEM 605 - 4" SHALLOW PIPE UNDERDRAINS



STA Main/Tremont RAB
Typical Section
City of Massillon
Stark County, Ohio

COMPANY



DESIGNER

AP

REVIEWER / DATE

FW 3/2025

PROJECT ID

22ST08 / 120493

SHEET

5 49

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

AT&T 50 W. BOWERY, 6TH FLOOR AKRON, OH 44308 800-364-8057	AQUA WATER P.O. BOX 584 MASSILLON, OH 44646 (330) 833-4156	OHIO EDISON STARK DIVISION 2600 S ERIE ST. MASSILLON, OH 44646 (330) 830-7085	MCTV P.O. BOX 814 MASSILLON, OH 44646 (330) 833-4134
--	---	---	---

CITY OF MASSILLON SANITARY SEWER 151 LINCOLN WAY E MASSILLON, OH 44646 (330) 830-1722	AT&T COMMUNICATIONS 2535 E 40TH AVE. DENVER, CO 80205-3601 (800) 852-3786	DOMINION EAST OHIO GAS COMPANY 4725 SOUTHWAY ST SW CANTON, OH 44706 (330) 478-3142	NORTHEAST OHIO NATURAL GAS CORP 9081 S.R. 250 STRASBURG, OH 44680-9766 (330) 878-5589
---	--	--	---

GREAT LAKES
104 6TH ST SW
CANTON, OH 44702
(330) 456-2454

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.++

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 2 OF 43 THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: MONUMENT TYPE:	ODOT VRS DATA COLLECTION PER 502.2.H OF SURVEY MANUAL PROJECTION CONTROL MONUMENT TYPE B
---------------------------------------	---

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: GEOID:	NAVD88 GEOIOD 12B
-------------------------------------	----------------------

HORIZONTAL POSITIONING

REFERENCE FRAME: ELLIPSOID: MAP PROJECTION: COORDINATE SYSTEM: COMBINED SCALE FACTOR: ORIGIN OF COORDINATE SYSTEM:	NAD83 (2011) GRS80 LAMBERT CONFORMAL CONIC OHIO STATE PLANE NORTH ZONE 1.00000000000 EASTING (X): 0, NORTHING (Y): 0
--	---

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

STATIONING

ALL STATIONING SHOWN IS REFERENCED TO THE BASELINE AS SHOWN.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRUCT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED AS 30 FEET FROM THE EDGE OF PAVEMENT.

CONTINUE PROTECTION OF RIGHT-OF-WAY LANDSCAPING

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. EXCEPT AS INDICATED ON SHEET ---, USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS, AS DEFINED ABOVE, WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.
ITEM 204 - PROOF ROLLING 4 HOUR.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

MANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED

CAREFULLY REMOVE AND STORE ALL CASTINGS WITHIN THE RIGHT OF WAY FOR SALVAGE BY CITY OF MASSILLON FORCES.

PAYMENT FOR ALL OF THE ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 202 ITEM.

NOTIFICATION OF SAFETY FORCES AND BUS GARAGES

THE CONTRACTOR SHALL NOTIFY ALL AGENCY LISTED BELOW AT LEAST 48 HOURS IN ADVANCE OF ANY STREET CLOSING OR TRAFFIC CHANGE.

MASSILLON SAFETY SERVICE 330-830-1702	MASSILLON FIRE DEPARTMENT 330-833-1053
PERRY TOWNSHIP HALL 330-833-2141	NORTH LAWRANCE FIRE DEPT 330-832-6347
TUSCARAWAS TOWNSHIP HALL 330-832-4337	JACKSON FIRE DEPARTMENT 330-832-1553
MASSILLON POLICE DEPARTMENT 330-830-1849 JACKSON TOWNSHIP HALL 330-832-7416	MASSILLON SCHOOL BUS GARAGE 330-830-1735 PERRY FIRE DEPARTMENT 330-478-5121
JACKSON POLICE DEPARTMENT 330-497-7440	JACKSON SCHOOL BUS GARAGE 330-830-8042
PERRY POLICE DEPARTMENT 330-833-3865	PERRY SCHOOL BUS GARAGE 330-477-1300
STARK COUNTY SHERIFF 330-430-3887	TUSCARAWAS SCHOOL BUS GARAGE 330-837-7805
SARTA 330-454-5333	

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SOIL ANALYSIS TEST	2 EACH
659, TOPSOIL	274 CY
659, SEEDING AND MULCHING	2465.3 SY
659, COMMERCIAL FERTILIZER	0.33 TON
659, LIME	0.51 ACRES
659, WATER	13.31 M. GAL.
659, MOWING	5.55 M. SF

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ITEM 880 - ASPHALT CONCRETE WITH WARRANTY

INDIVIDUAL LIFT THICKNESSES AND STEP WIDTHS SHOWN IN THE PLAN ARE THE PLAN LINES AND DIMENSIONS USED FOR QUANTITY CALCULATION. THEY ARE NOT THE REQUIRED LIFTS OR STEPS FOR ACTUAL CONSTRUCTION, BUT NO ADJUSTMENT WILL BE MADE TO THE PLAN QUANTITY DUE TO DIFFERENT LIFT THICKNESSES AND/OR STEP WIDTHS WHEN A UNIFORM THICKNESS IS SPECIFIED.++

RESTORATION FOR DRAINAGE SYSTEMS

ALL NECESSARY MATERIALS AND LABOR TO MAKE PROPER RESTORATIONS TO EXISTING DUE TO THE INSTALLATION REPAIR, REMOVAL OF ANY STORM SEWER SYSTEM. THIS INCLUDES BUT NOT LIMITED TO ROADWAY, CURB, DRIVEWAYS, SIDEWALK, AND LAWNS. PAYMENT TO THE RESTORATION SHALL BE INCLUDED IN THE PERTINENT 6111 ITEM.

QUANTITIES

QUANTITIES ARE INDICATED FOR COMPARISON OF BIDS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES BEFORE ORDERING MATERIALS. VARIATIONS FROM THE PLAN QUANTITIES SHALL BE APPROVED BY THE CITY OF MASSILLON ENGINEER BEFORE MATERIAL ORDERS ARE PLACED. MATERIALS REJECTED DUE TO INCOMPATIBILITY BETWEEN ORDERED QUANTITIES AND FIELD CONDITIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

CONSTRUCTION SPECIFICATIONS & STANDARDS

ALL CONSTRUCTION IS TO BE COMPLETED ACCORDING TO THE CURRENT CITY OF MASSILLON SPECIFICATIONS AND STANDARDS, AND THE LATEST EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS. WHEN A CONFLICT ARISES BETWEEN THE CITY OF MASSILLON AND ODOT'S STANDARDS, THE MORE STRINGENT STANDARD WILL BE USED AT THE DISCRETION OF THE CITY OF MASSILLON ENGINEER. THE CONTRACTOR SHALL FOLLOW ALL OSHA AND ADA REGULATIONS AND REQUIREMENTS.

PRESERVATION OF EXISTING UTILITY SERVICES

ANY EXISTING WATER LINE, SANITARY SEWER, STORM SEWER, GAS LINE OR OTHE UTILITY IN OR OUTSIDE OF THE CONSTRUCTION LIMITS, DAMAGED DURING CONSTRUCTION OF THE PROPOSED PROJECT SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

PRESERVATION OF PRIVATE PROPERTY

THE CONTRACTOR SHALL PERFORM WORK AS TO NOT DISTURB, DAMAGE OR DESTROY ANY TELEPHONE OR POWER POLES, SIGNS, LANDSCAPING ITEMS, ETC.. ANY ITEM DAMAGED OR DESTROYED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AND ANY ITEM DISTURBED OR IN CONFLICT WITH THE WORK TO BE PERFORMED SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE. PRIOR ENGINEER APPROVAL IS REQUIRED BEFORE ANY OF THE ABOVE ITEMS ARE PERFORMED.

ACCESSIBILITY TO PRIVATE PROPERTY

ACCESS TO ALL DRIVEWAYS AND PARKING AREAS WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED AT ALL TIMES. THE TRENCH SHALL BE BACKFILLED AT THE END OF EACH WORK DAY TO PROVIDE ACCESS. THE CONTRACTOR MUST NOTIFY EACH PROPERTY OWNER AT LEAST 24 HOURS IN ADVANCE OF CUTTING THEIR DRIVEWAY.

SUBSURFACE CONDITIONS

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING THEIR BID. PROSPECTIVE BIDDERS ARE TO COORDINATE WITH THE OWNER FOR ACCESS TO THE SITE FOR INSPECTIONS AND EXPLORATORY EXCAVATION. THE BIDDER SHALL CONTACT THE OWNER AT LEAST 72 HOURS IN ADVANCE OF THE DESIRED INSPECTION OR EXCAVATION. THE BIDDER SHALL CONTACT O.U.P.S. AND OBTAIN LOCATIONS OF OTHER UTILITIES.

GRADING AND FILLING OPERATIONS

THE PLACEMENT OF COMPACTED AGGREGATE SHALL NOT EXTEND PAST THE EXISTING GRADED SHOULDERS. NO EXCAVATION, GRADING, OR FILLING OPERATIONS SHALL BE PERFORMED IN ANY WETLANDS OR STREAMS, UNLESS THE REQUIRED STATE AND/OR FEDERAL PERMITS HAVE BEEN OBTAINED IN ACCORDANCE WITH ALL APPLICABLE STATE AND/OR FEDERAL LAWS AND REGULATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE EQUIPMENT AND/OR MATERIALS IN ANY WETLANDS OR STREAMS.

PRESERVATION OF PROPERTY CORNERS AND SURVEY MARKERS

THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS AND ANY TYPE OF LAND MONUMENT. HE SHALL HAVE ALL LAND MONUMENTS IN THE PROXIMITY OF THE WORK REFERENCED. HE SHALL REPLACE DESTROYED OR DAMAGED MONUMENTS AND SHAL FURNISH A CERTIFICATION BY AN OHIO REGISTERED SURVEYOR THAT THE MONUMENTS HAVE BEEN RESTORED.

REMOVAL AND RELOCATION OF EXISTING UTILITIES

THE CONTRACTOR IS REQUIRED TO COOPERATE WITH EACH RESPECTIVE UTILITY OWNER FOR THE REMOVAL AND RELOCATION OF ANY AND ALL UTILITIES THAT CREATE A CONFLICT WITH CONSTRUCTION OF THE PROJECT.

CROSSING OR CONNECTING TO EXISTING PIPES AND UTILITIES

WHERE THE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE CITY OF ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

PAYMENT FOR THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

REVIEW OF SANITARY AND DRAINAGE FACILITIES

AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK SHALL BE COMPLETED BEFORE AND AFTER WORK HAS COMMENCED. FINAL ACCEPTANCE BY THE CITY OF MASSILLON WILL NOT OCCUR UNTIL AFTER SAID INSPECTION. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE OBSERVATIONS SHALL BE PROVIDED IN WRITING BY THE CONTRACTOR TO THE CITY OF MASSILLON.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY OF MASSILLON.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 603 CONDUIT ITEMS.

ITEM 407, TRACKLESS TACK COAT

THE RATE OF APPLICATION OF THE 407 TRACKLESS TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.10 GALLONS PER SQUARE YARD OF TRACKLESS TACK COAT FOR ESTIMATING PURPOSES ONLY.

CONTRACTOR AVAILABILITY

THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH A 24 HOUR PHONE NUMBER WHERE THE CONTRACTOR SHALL BE AVAILABLE FOR EMERGENCIES.

ITEM 408, PRIME COAT

THE RATE OF APPLICATION OF THE 408 PRIME COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.40 GALLONS PER SQUARE YARD OF PRIME COAT FOR ESTIMATING PURPOSES ONLY.

ITEM 659, TOPSOIL, SEEDING AND MULCHING

ITEM 659 SHALL BE APPLIED TO ALL EXPOSED SOIL AREAS DISTURBED DURING CONSTRUCTION. SUCH AS SPECIFIED IN ITEM 659 AND IS NOT LIMITED TO JUST TOPSOIL, SEEDING AND MULCHING.

THE CITY SHALL APPROVE SEED MIX PRIOR TO APPLICATION TO BE USED THROUGHOUT CONSTRUCTION LIMITS.

CONDITIONS OF WORK

ALL WORK PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH THE U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ACT, STATE, COUNTY, AND CITY OF MASSILLON LAWS AND REGULATIONS. ALL WORK, AT ALL TIMES SHALL BE SUBJECT TO OBSERVATION BY THE CITY OF MASSILLON ENGINEER AND/OR HIS REPRESENTATIVE. ALL WORK SHALL COMPLY WITH THE CONDITIONS OF THE CONTRACT DOCUMENTS AND OHIO EPA, AND STANDARDS OF THE CITY OF MASSILLON. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, AND APPLICABLE CITY, COUNTY, STATE AND FEDERAL CODES.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN SAFE AND SATISFACTORY ACCESS TO ALL ABUTTING PROPERTIES TO THE PROJECT SITE. ADJACENT ROADS SHALL BE MAINTAINED AND KEPT CLEAN OF MUD AND OTHER DEBRIS THAT MAY BE CAUSED BY TRAFFIC EXITING THE WORK SITE. THE CONTRACTOR SHALL COORDINATE AND PROVIDE FOR ALL NECESSARY TRAFFIC CONTROL. TRAFFIC CONTROL SHALL FOLLOW THE MORE STRINGENT GUIDELINES OF THE CITY OF MASSILLON OR ODOT AT THE DESCREATION OF THE CITY OF MASSILLON ENGINEER.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND MAINTAIN FACILITIES FOR A CONSTRUCTION OFFICE, EMPLOYEE PARKING, AND EMPLOYEE SANITARY FACILITIES. ON STREET PARKING WILL NOT BE PERMITTED. THE CONTRACTOR SHALL PROVIDE FOR THE LAWFUL OFF-SITE DISPOSAL OF DEMOLITION DEBRIS AND CONSTRUCTION WASTE.

CONTRACTOR AVAILABILITY

THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH A 24 HOUR PHONE NUMBER WHERE THE CONTRACTOR SHALL BE AVAILABLE FOR EMERGENCIES.

ITEM 659, TOPSOIL, SEEDING AND MULCHING

ITEM 659 SHALL BE APPLIED TO ALL EXPOSED SOIL AREAS DISTURBED DURING CONSTRUCTION. SUCH AS SPECIFIED IN ITEM 659 AND IS NOT LIMITED TO JUST TOPSOIL, SEEDING AND MULCHING.

THE CITY SHALL APPROVE SEED MIX PRIOR TO APPLICATION TO BE USED THROUGHOUT CONSTRUCTION LIMITS

ITEM 880 - ASPHALT CONCRETE WITH WARRANTY

INDIVIDUAL LIFT THICKNESSES AND STEP WIDTHS SHOWN IN THE PLAN ARE THE PLAN LINES AND DIMENSIONS USED FOR QUANTITY CALCULATION. THEY ARE NOT THE REQUIRED LIFTS OR STEPS FOR ACTUAL CONSTRUCTION, BUT NO ADJUSTMENT WILL BE MADE TO THE PLAN QUANTITY DUE TO DIFFERENT LIFT THICKNESSES AND/OR STEP WIDTHS WHEN A UNIFORM THICKNESS IS SPECIFIED.

PAVEMENT RESTORATION FOR PIPE INSTALLATIONS AND/OR REMOVALS

ALL PAVEMENT RESTORATION FOR PIPE INSTALLATION SHALL BE INCLUDED IN THE PERTINENT 202, 611 ITEM.

PAVEMENT RESTORATION FOR STRUCTURE INSTALLATIONS AND/OR REMOVALS

ALL PAVEMENT RESTORATION FOR STRUCTURE INSTALLATION SHALL BE INCLUDED IN THE PERTINENT 202, 611 ITEM.

PETROLEUM CONTAMINATED SOIL (PCS) OR ORPHAN UNDERGROUND STORAGE TANK (UST) REMOVAL - CONTINGENCY

ENVIRONMENTAL STUDIES INDICATED THAT PETROLEUM CONTAMINATED SOIL (PCS) AND ORPHAN UNDERGROUND STORAGE TANKS (USTS) MAY BE ENCOUNTERED DURING EXCAVATIONS WITHIN THE PROJECT LIMITS BETWEEN STA. 25+91 TO STA. 28+16 ON MAIN AVE W AND STA. 10+03 TO STA. 11+12 ON TREMONT AVE SW. ENVIRONMENTAL STUDIES ARE AVAILABLE AT ENVIRONET@120493@PROJECT FILE. THE CONTRACTOR MUST DETERMINE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT FOR THOSE WHO CONDUCT WORK WITHIN THE LIMITS OF THE PCS OR USTS.

ALL EXCAVATED PCS THAT CANNOT BE REUSED AS PROJECT FILL PER CMS 203.03(J)., SHALL BE MANAGED AND DISPOSED OF AT A LICENSED LANDFILL. THE ENGINEER MAY PERMIT THE CONTRACTOR TO DIRECT LOAD THE EXCAVATED PCS INTO TRUCKS FOR TRANSPORT AND DISPOSAL. AS AN ALTERNATE, THE ENGINEER MAY PERMIT THE CONTRACTOR TO TEMPORARILY STOCKPILE THE EXCAVATED PCS ON AN IMPERMEABLE MEMBRANE, IN AN AREA PROVIDE BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE STOCKPILE SHOULD BE SURROUNDED BY STRAW BALES TO REDUCE RUNOFF. THE CONTRACTOR WILL PROVIDE COMPLETED LOG FORMS AND MANIFESTS FOR TRANSPORT AND DISPOSAL TO THE ENGINEER FOR SIGNATURE. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TESTING THAT THE LANDFILL MAY REQUIRE FOR DISPOSAL.

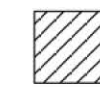
IF EXCAVATIONS WITHIN THE PCS REQUIRE DEWATER/NG FOR CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL DEWATER, CONTAINERIZE AND DISPOSE OF WATERS BY METHOD APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS NEEDED TO STORE, TRANSPORT AND DISPOSE OF WATER IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TESTING REQUIRED FOR DISPOSAL. ALL EXCAVATED AREAS SHALL BE BACKFILLED WITH SUITABLE MATERIAL IN ACCORDANCE WITH PROJECT PLANS, APPLICABLE ODOT SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ALL THE LABOR, EQUIPMENT AND MATERIALS NECESSARY TO PROPERLY MANAGE, STORE (IF NECESSARY), TEST FOR DISPOSAL, TRANSPORT AND DISPOSE OF REGULATED MATERIALS, INCLUDING ANY REQUIRED PERMITS OR FEES WITHIN THE IDENTIFIED LIMITS. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT PRICE BID. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY.

690E65016 - Work Involving PCS	570	Ton
690E65022 - Non-Regulated Water		Gallon
690E65024 - Regulated Water		Gallon

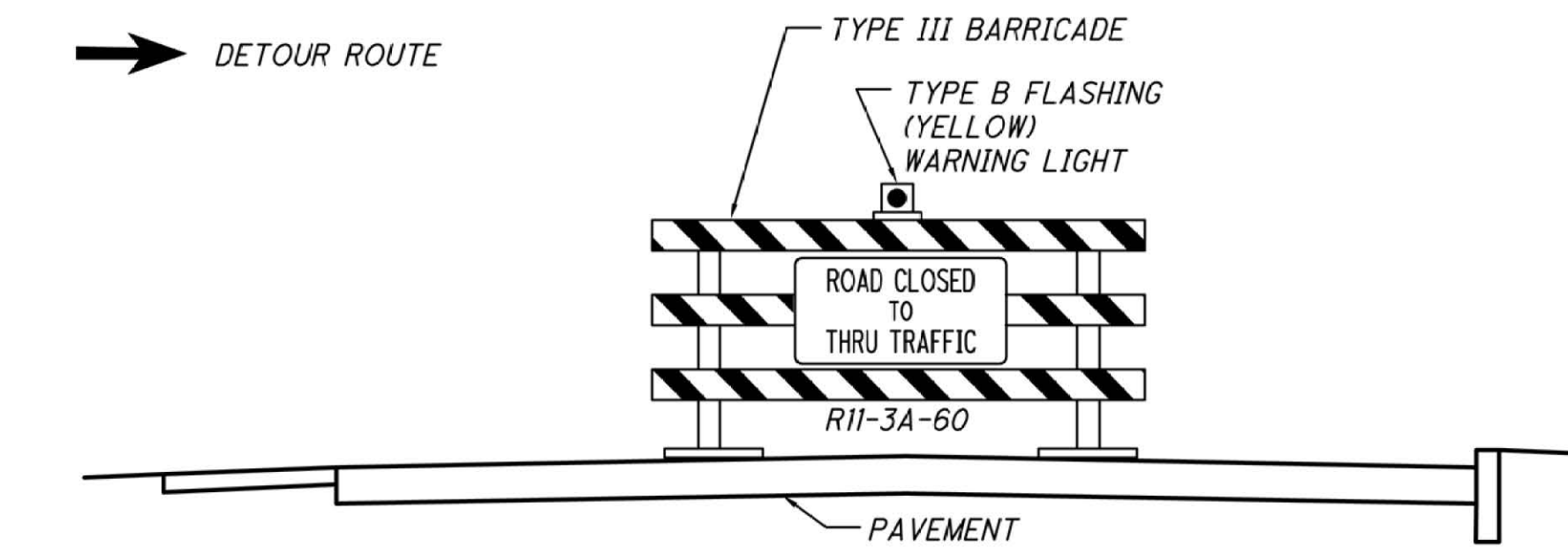
STA Main/Tremont RAB
General Notes
City of Massillon
Stark County, Ohio

COMPANY	
	
DESIGNER	
FW	
REVIEWER / DATE	
AP	7/2025
PROJECT ID	
22s†08 / 120493	
SHEET	SHEET
7	49

LEGEND

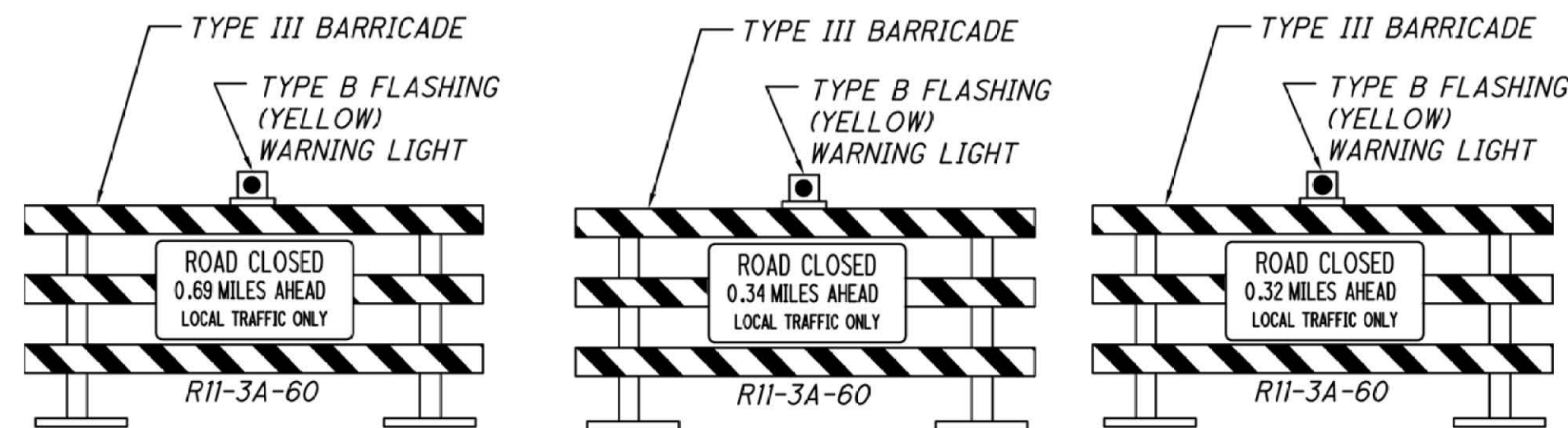
-  WORK AREA
-  SIGN
-  TYPE III BARRICADE
-  DETOUR ROUTE

NOTE: MAP, BARRICADES AND SIGNS SHOWN ON THE PLANS ARE NOT DRAWN TO SCALE.



SEE ODOT SCD MT-101.60 FOR ADDITIONAL ROAD CLOSURE REQUIREMENTS

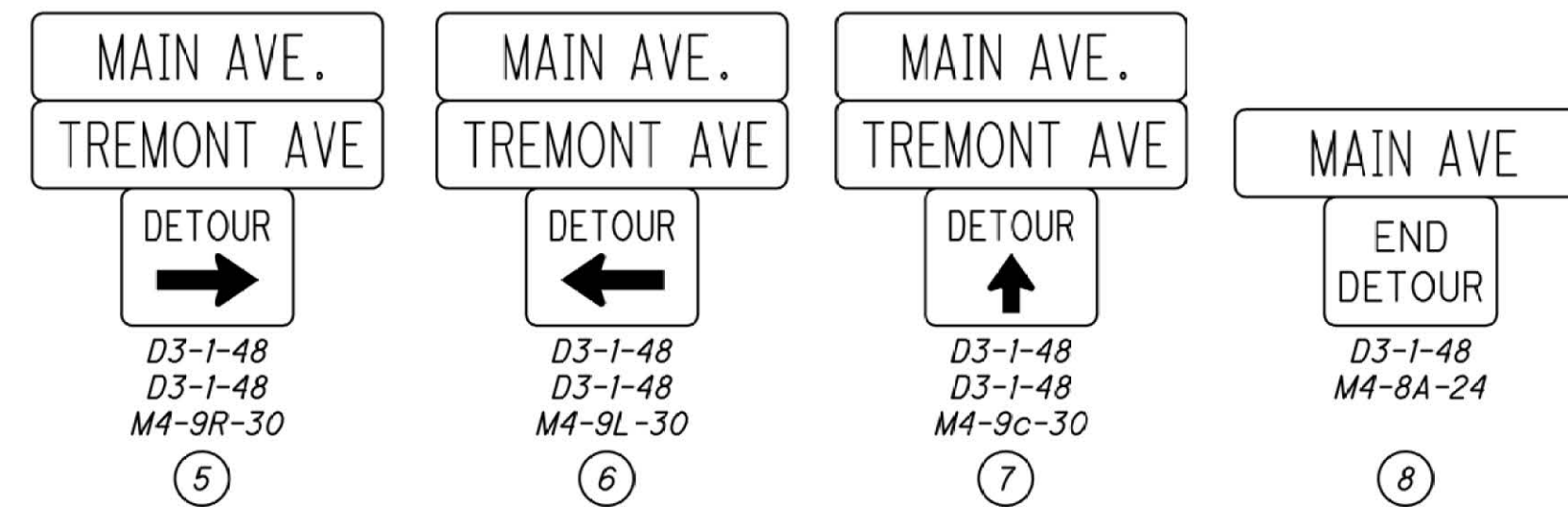
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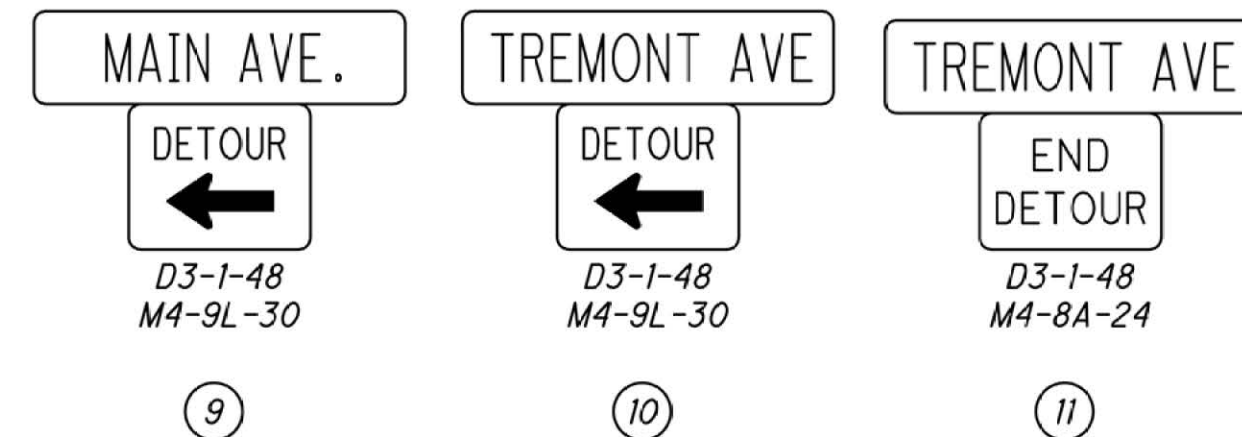


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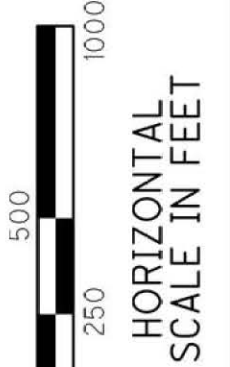
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10

11



STA Main/Tremont RAB
Detour Plan
City of Massillon
Stark County, Ohio

COMPANY



DESIGNER

FPW

REVIEWER / DATE

AP 7/2025

PROJECT ID

00s108/120493

SHEET

8

SHEET

49

FOR MAINTENANCE OF TRAFFIC NOTES, SEE SHEET NO. %U

[illegible]

ITEM 452-NON-REINFORCED CONCRETE, CLASS QCMS DECORATIVE [T=0.75']				ITEM 609-INTERIOR MOUNTABLE TRUCK APRON CURB			
MAIN AVE NW STA. 25+70.03 TO STA. 26+50 (235.84) (1/9)	=	26.20	SY	ROUNDAABOUT STA 0+00 TO STA 3+64.42 219.91	=	220	LF
STA. 26+06.79 TO STA. 26+39.98 (353.27) (1/9)	=	38.14	SY	TOTAL	=	220	LF
STA. 27+52.68 TO STA. 28+40 (337.88) (1/9)	=	37.54	SY	ITEM 609-EXTERIOR MOUNTABLE TRUCK APRON CURB			
TREMONT AVE NW 10+65.39 TO 10+99.02 (571.57) (1/9)	=	63.51	CY	INTERSECTION ROUNDAABOUT / MAIN AVE W SE 83.96	=	84	LF
10+64.32 TO 11+50 (277.23) (1/9)	=	30.81	CY	SW 90.37	=	91	LF
ROUND ABOUT STA. 0+00.00 TO STA. 3+64.42 (1822.12) (1/9)	=	202.46	CY	ROUNDAABOUT / TREMONT AVE SE NE 90.20	=	91	LF
TOTAL	=	399	CY	TOTAL	=	266	LF
ITEM 609-CURB, TYPE 2				ITEM 608-CONCETE WALK			
RIGHT MAIN AVE NW STA. 20+90 TO STA. 25+70 480	=	480	LF	MAIN AVE NW RIGHT STA. 20+90 TO STA. 20+16.40 (27) * (5)	=	135	SF
STA. 28+40 TO STA. 30+00 160	=	160	LF	STA. 21+30.87 TO STA. 22+19.19 (89) * (5)	=	445	SF
TREMONT AVE NW STA. 10+84.31 TO STA. 11+14.44 75.2	=	76	LF	STA. 22+48.03 TO STA. 23+51.68 (105) * (5)	=	525	SF
STA. 11+75.50 TO STA. 12+75.00 98.2	=	99	LF	STA. 23+76.81 TO STA. 24+29 (55) * (5)	=	275	SF
AROUNDABOUT STA. 0+97.64 TO STA. 1+63.86 80.46	=	81	LF	STA. 24+41 TO STA. 24+88.68 (48) * (5)	=	240	SF
STA. 3+08.06 TO STA. 0+04.27 63.24	=	64	LF	STA. 25+01.32 TO STA. 25+81.06 (76) * (5)	=	380	SF
LEFT MAIN AVE W STA. 24+70.16 TO STA. 26+57.33 199.70	=	200	LF	STA. 25+96.67 TO STA. 26+87.44 (103) * (5)	=	515	SF
STA. 27+50.00 TO STA. 29+18.56 185.89	=	186	LF	STA. 27+64.42 TO STA. 28+65.95 (89) * (5)	=	445	SF
TREMONT AVE SE STA. 11+50 TO STA. 12+75 125	=	125	LF	LEFT STA. 24+52.53 TO STA. 24+96.58 (59) * (5)	=	295	SF
INTERSECTION MAIN AVE / 23RD ST NW NE 51.93	=	52	LF	STA. 25+08.03 TO STA. 25+41.29 (35) * (5)	=	175	SF
MAIN AVE W / 22ND ST NW NE 33.10	=	34	LF	STA. 25+52.71 TO STA. 27+26.87 (152) * (5)	=	760	SF
TREMONT AVE SW / 22ND ST SW SW 33.58	=	34	LF	STA. 27+43.63 TO STA. 27+98.10 (69) * (5)	=	345	SF
SE 46.00	=	46	LF	STA. 29+18 TO STA. 29+27.39 (10) * (5)	=	50	SF
TOTAL	=	1637	LF	TOTAL	=	5780	SF
ITEM 609-CURB, TYPE 6				ITEM 609-EXTERIOR MOUNTABLE TRUCK APRON CURB			
MAIN AVE W ISLAND WEST OF ROUNDAABOUT 89.49	=	90	LF	MAIN AVE NW RIGHT STA. 20+90 TO STA. 20+16.40 (27) * (5)	=	135	SF
ISLAND EAST OF ROUNDAABOUT 43.23	=	44	LF	STA. 21+30.87 TO STA. 22+19.19 (89) * (5)	=	445	SF
TREMONT AVE SE ISLAND EAST OF ROUNDAABOUT 84.90	=	85	LF	STA. 22+48.03 TO STA. 23+51.68 (105) * (5)	=	525	SF
ROUNDABOUT STA 0+00 TO STA 3+64.42 147.66	=	151	LF	STA. 23+76.81 TO STA. 24+29 (55) * (5)	=	275	SF
TOTAL	=	370	LF	STA. 24+41 TO STA. 24+88.68 (48) * (5)	=	240	SF
				STA. 25+01.32 TO STA. 25+81.06 (76) * (5)	=	380	SF
				STA. 25+96.67 TO STA. 26+87.44 (103) * (5)	=	515	SF
				STA. 27+64.42 TO STA. 28+65.95 (89) * (5)	=	445	SF
				LEFT STA. 24+52.53 TO STA. 24+96.58 (59) * (5)	=	295	SF
				STA. 25+08.03 TO STA. 25+41.29 (35) * (5)	=	175	SF
				STA. 25+52.71 TO STA. 27+26.87 (152) * (5)	=	760	SF
				STA. 27+43.63 TO STA. 27+98.10 (69) * (5)	=	345	SF
				STA. 29+18 TO STA. 29+27.39 (10) * (5)	=	50	SF
				TOTAL	=	5780	SF

STA Main/Tremont RAB

General Notes
City of Massillon
Stark County, Ohio

COMPANY



DESIGNER
FW

REVIEWER / DATE
AP 6/2025

PROJECT ID
00s†08/120493

SHEET 11 | SHEET 49

PROJECT DESCRIPTION

THIS PROJECT WILL CONSTRUCT ROUNDABOUT ALONG MAIN AVENUE W AT THE INTERSECTION OF TREMONT AVE SW. THE PROJECT EXTENDS A DISTANCE OF 910 FEET (0.17 MILES)

ADDITIONAL WORK INCLUDING ROADWAY, DRAINAGE SYSTEM MODIFICATIONS, CURBING, DRIVES, PAVEMENT MARKING, AND MAINTENANCE OF TRAFFIC.

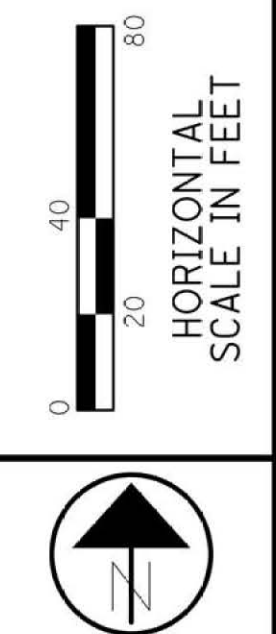
PROJECT DATA			
TOTAL AREA (RIGHT-OF-WAY)	2.13 AC.	RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.7
PROJECT EARTH DISTURB AREA	1.37 AC.	RUNOFF COEFFICIENT FOR POST CONSTRUCTION SITE	0.7
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	1.37 AC.	IMMEDIATE RECEIVING WATERS	SIPPO CREEK
NOTICE OF INTENT EARTH DISTURBED AREA	1.37 AC.	SUBSEQUENT RECEIVING WATERS	TUSCAWARAS RIVER
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE	1.58 AC.	WETLANDS ON SITE	0.0 AC.
IMPERVIOUS (PAVED) AREA FOR POST CONSTRUCTION SITE	1.44 AC.	WETLAND DISTURBANCE	0.0 AC.

BEGIN PROJECT
STA. 20+90

BEGIN PROJECT
STA. 30+00

BEGIN PROJECT
STA. 12+75.00

CENTER OF ROUNDABOUT
STA. 30+03.29, 2.01' Rt. Main Ave W=
STA. 10+03.79, 0.87' Lt. Tremont Ave SW
N = 409621.9214
E = 2231298.8513



STA Main/Tremont RAB
Site Plan
City of Massillon
Stark County, Ohio

COMPANY

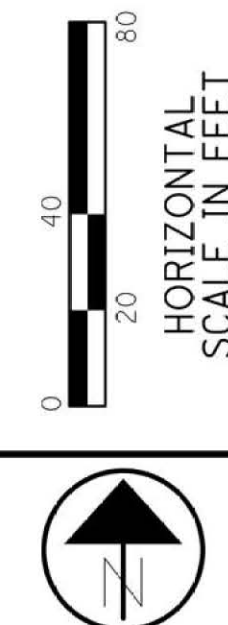


DESIGNER
FPW

REVIEWER / DATE
AP 7/2025

PROJECT ID
00s108/120493

SHEET 12 SHEET 49



STA Main/Tremont RAB
Removal Plan
City of Massillon
Stark County, Ohio



COMPANY	
DESIGNER	FPW
REVIEWER / DATE	AP 7/2025
PROJECT ID	00s108/120493
SHEET	13
SHEET	49

LEGEND



- ITEM 202 PAVEMENT REMOVED - 4758 SY



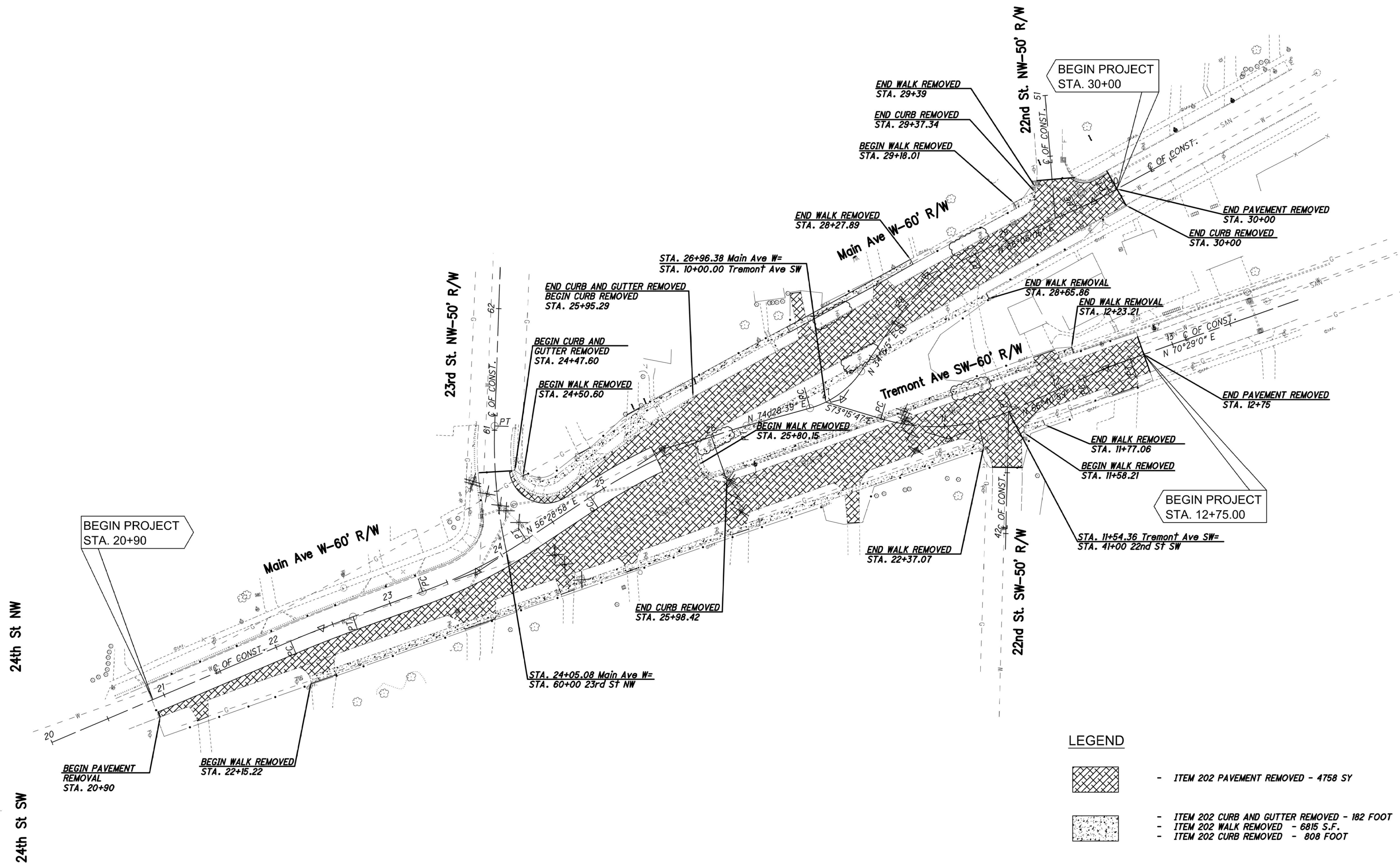
- ITEM 202 CURB AND GUTTER REMOVED - 182 FOOT
- ITEM 202 WALK REMOVED - 6815 S.F.
- ITEM 202 CURB REMOVED - 808 FOOT



- ITEM 632 REMOVAL OF TRAFFIC SIGNAL
INSTALLATION - LUMP SUM



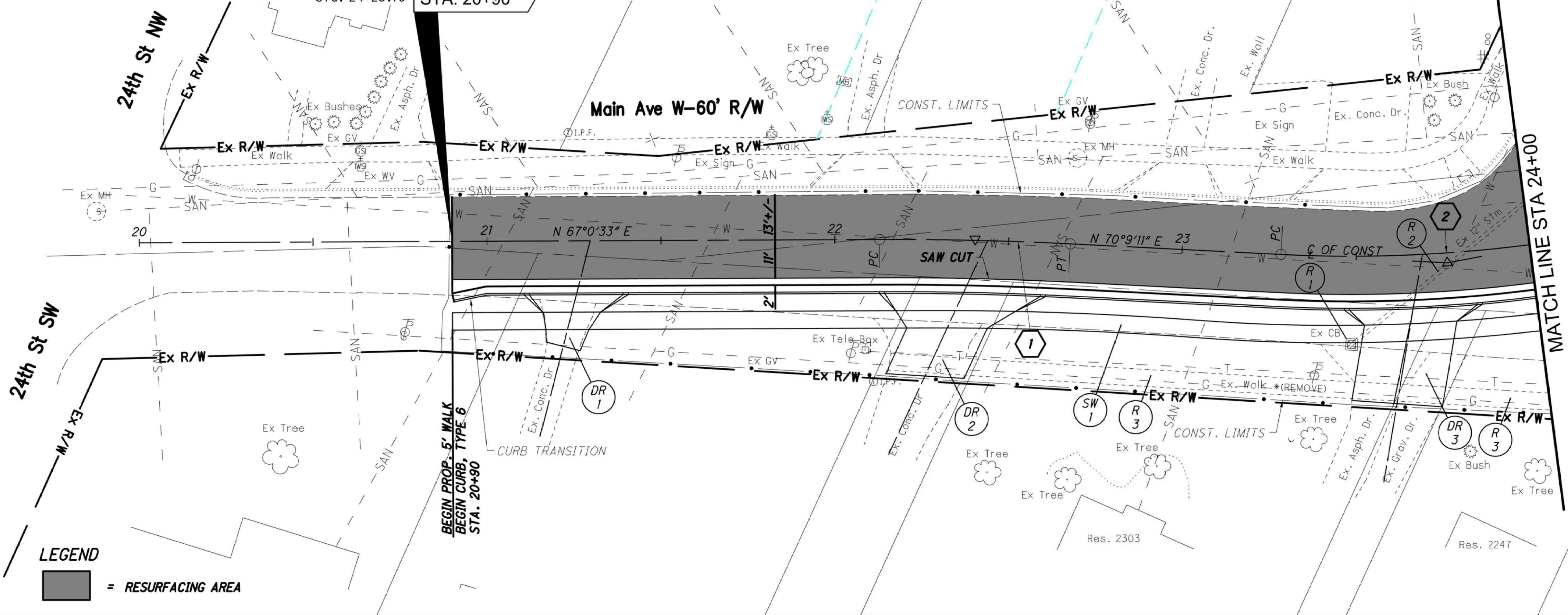
- POSSIBLE CONFLICT TO BE ADDRESSED BY PRIVATE
UTILITY COMPANYS



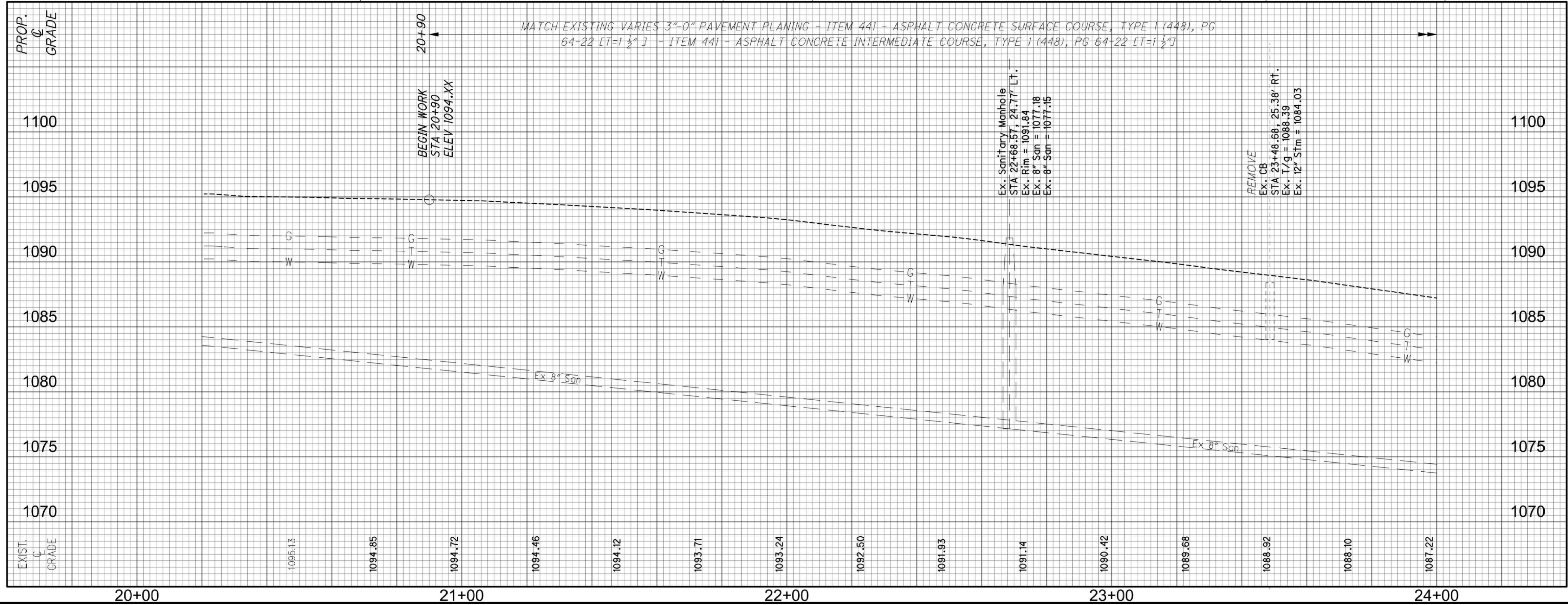
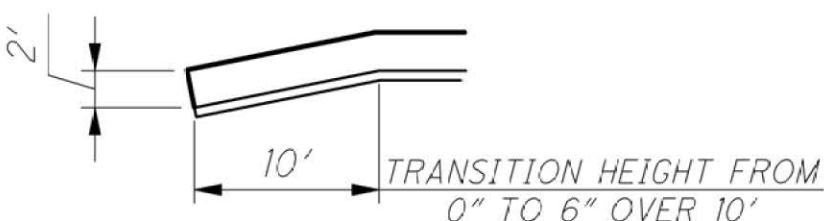
1 CURVE DATA
P.I. = Sta. 22+40.35
Δ = 3°08'38" Rt.
D_C = 05°43'46"
R = 1000.00'
T = 27.44'
L = 54.87'
E = 0.38'
C = 54.86'
C.B. = N 68°34'52" E
P.C. = Sta. 22+12.91
P.T. = Sta. 22+67.78

2 CURVE DATA
P.I. = Sta. 23+76.29
Δ = 13°40'13" Lt.
D_C = 14°19'26"
R = 400.00'
T = 47.95'
L = 95.44'
E = 2.86'
C = 95.21'
C.B. = N 63°19'04" E
P.C. = Sta. 23+28.34
P.T. = Sta. 24+23.78

BEGIN WORK
STA. 20+90



LEGEND
= RESURFACING AREA



REF.	STATION	SIDE	PIPE REMOVED			CATCH BASIN REMOVED		WALK REMOVED		TOTALS CARRIED TO GENERAL SUMMARY	
			TO	FROM	FOOT	EACH	1	SF			
R-1	23+48.68	RT									
R-2	23+48.68	RT/LT		24+31.40	98						
R-3	22+16	RT		24+00				695		98	695
TOTALS CARRIED TO GENERAL SUMMARY											

STA Main/Tremont RAB
Main Ave W — Plan and Profile Sta. 20+00 to Sta. 24+00
City of Massillon
Stark County, Ohio

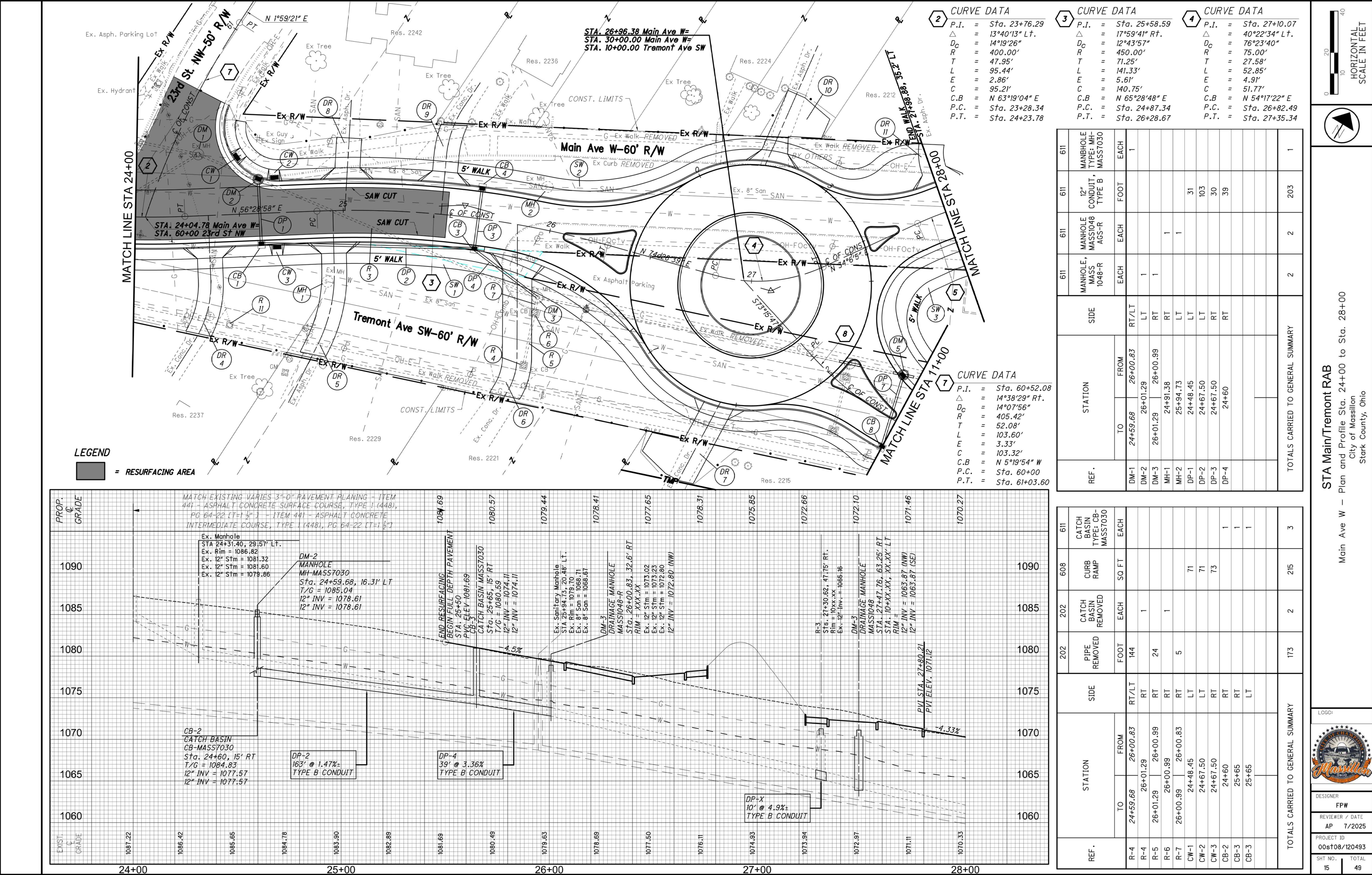
LOGO:

DESIGNER: FFW

REVIEWER / DATE: AP 7/2025

PROJECT ID: 00s108/120493

SHT NO.: 14 TOTAL: 49



2 CURVE DATA

P.I.	=	Sta. 23+76.29
Δ	=	13°40'13" Lt.
D _O	=	14°19'26"
R	=	400.00'
T	=	47.95'
L	=	95.44'
E	=	2.86'
C	=	95.21'
C.B	=	N 63°19'04" E
P.C.	=	Sta. 23+28.34
P.T.	=	Sta. 24+23.78

3 CURVE DATA

P.I.	=	Sta. 25+58.59
Δ	=	17°59'41" Rt.
D _O	=	12°43'57"
R	=	450.00'
T	=	71.25'
L	=	141.33'
E	=	5.61'
C	=	140.75'
C.B	=	N 65°28'48" E
P.C.	=	Sta. 24+87.34
P.T.	=	Sta. 26+28.67

4 CURVE DATA

P.I.	=	Sta. 27+10.07
Δ	=	40°22'34" Lt.
D _O	=	76°23'40"
R	=	75.00'
T	=	27.58'
L	=	52.85'
E	=	4.91'
C	=	51.77'
C.B	=	N 54°17'22" E
P.C.	=	Sta. 26+82.49
P.T.	=	Sta. 27+35.34

7 CURVE DATA

P.I.	=	Sta. 60+52.08
Δ	=	14°38'29" Rt.
D _O	=	14°07'56"
R	=	405.42'
T	=	52.08'
L	=	103.60'
E	=	3.33'
C	=	103.32'
C.B	=	N 5°19'54" W
P.C.	=	Sta. 60+00
P.T.	=	Sta. 61+03.60

REF.	STATION	SIDE		TOTALS CARRIED TO GENERAL SUMMARY
		TO	FROM	
DM-1	24+59.68	26+00.83	RT/LT	1
DM-2	26+01.29	26+00.99	LT	1
DM-3	26+01.29	26+00.99	RT	1
MH-1	24+91.38	25+94.73	RT	1
MH-2	25+94.73	24+48.45	LT	1
DP-1	24+48.45	24+67.50	LT	1
DP-2	24+67.50	24+67.50	RT	1
DP-3	24+67.50	24+60	RT	1
DP-4	24+60		RT	1
TOTALS CARRIED TO GENERAL SUMMARY				2

REF.	STATION	SIDE		TOTALS CARRIED TO GENERAL SUMMARY
		TO	FROM	
R-4	24+59.68	26+00.83	RT/LT	1
R-4	26+01.29	26+00.99	RT	1
R-5	26+01.29	26+00.99	RT	1
R-6	26+00.99	26+00.83	RT	1
R-7	26+00.99	26+00.83	RT	1
CW-1	24+48.45	24+67.50	LT	1
CW-2	24+67.50	24+67.50	LT	1
CW-3	24+67.50	24+60	RT	1
CB-2	24+60	25+65	RT	1
CB-3	25+65	25+65	LT	1
CB-3	25+65		LT	1
TOTALS CARRIED TO GENERAL SUMMARY				3

STA Main/Tremont RAB

Main Ave W — Plan and Profile Sta. 24+00 to Sta. 28+00

City of Massillon
Stark County, Ohio

LOGO:

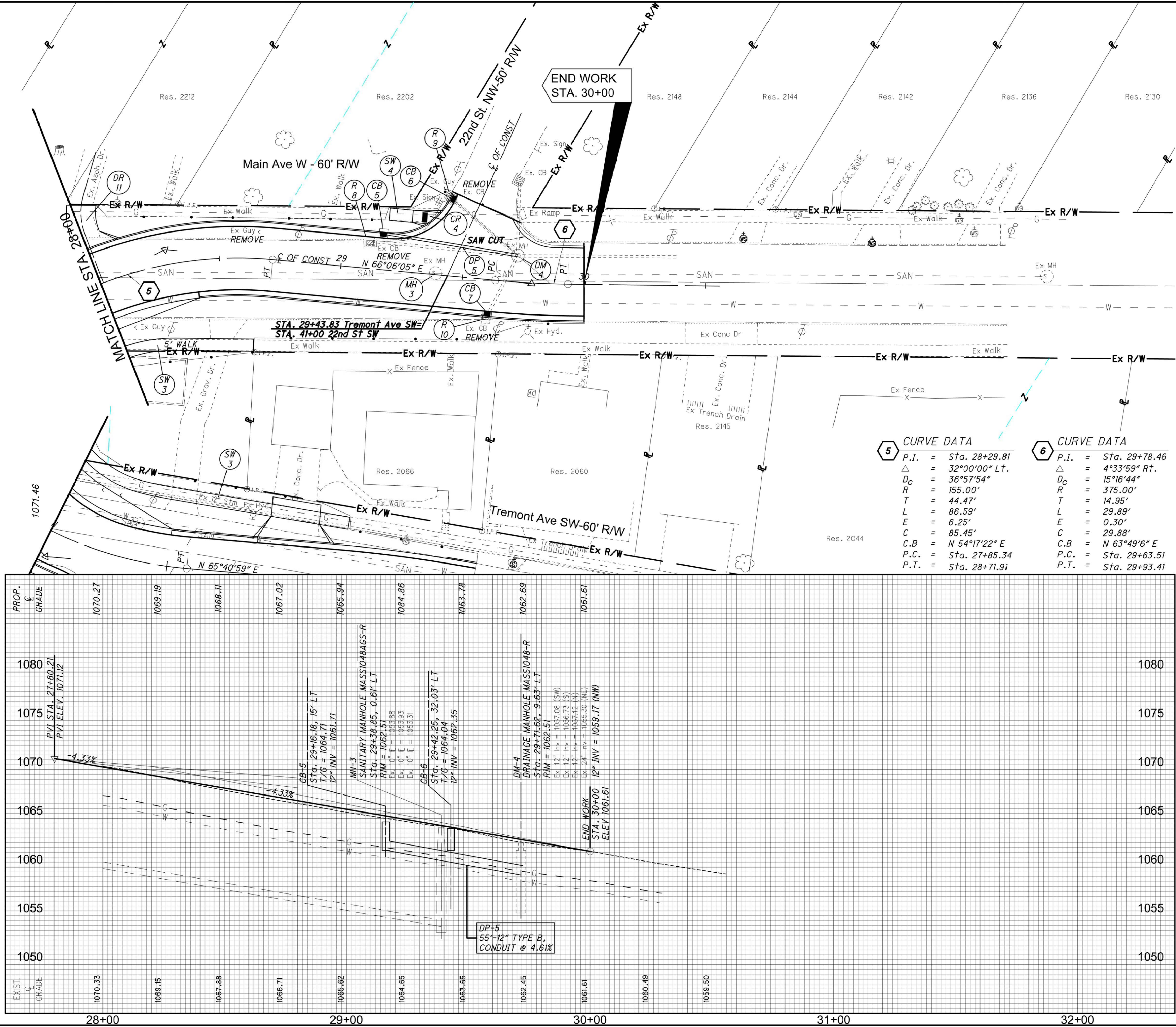
DESIGNER: **FPW**

REVIEWER / DATE: **AP 7/2025**

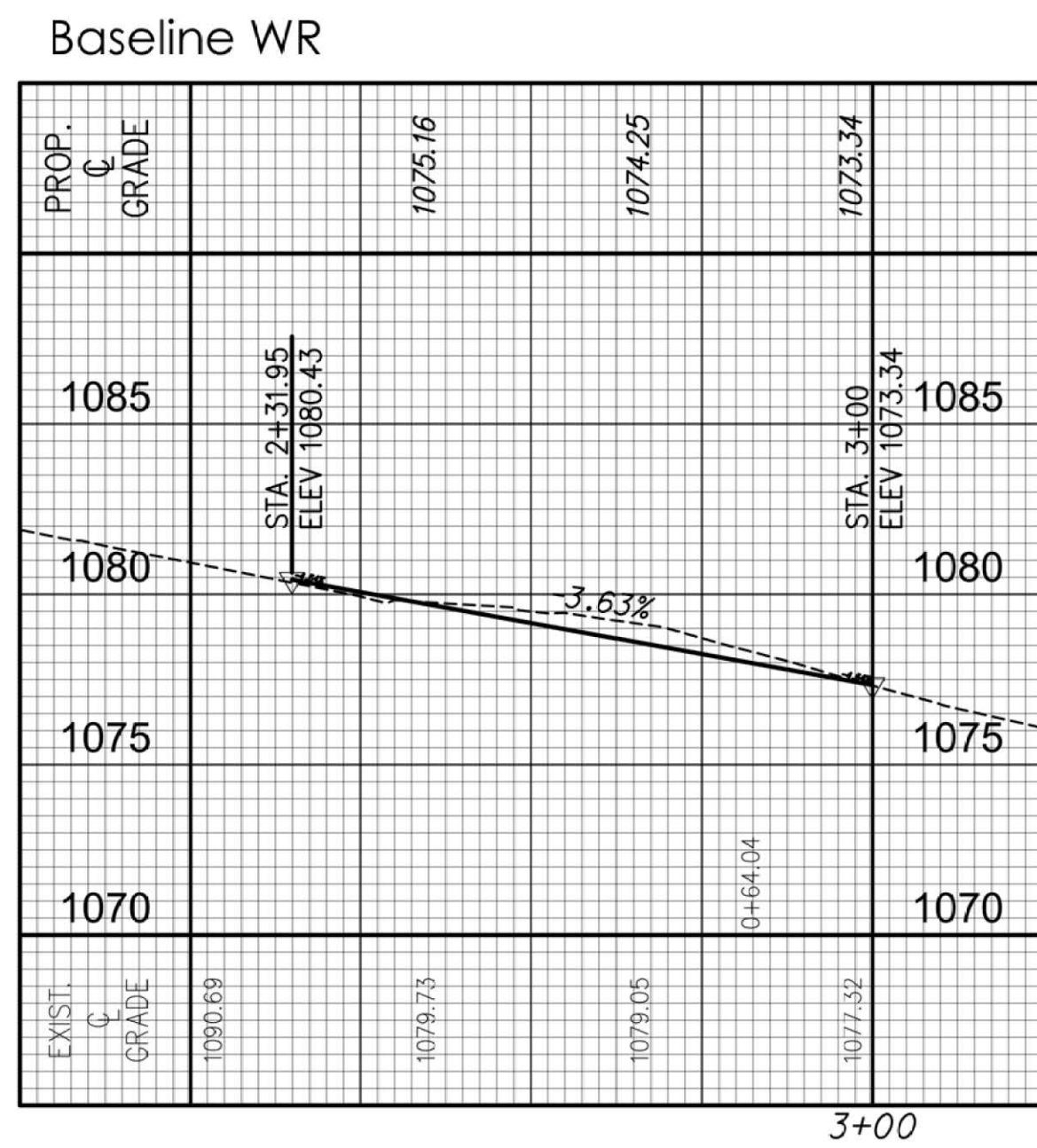
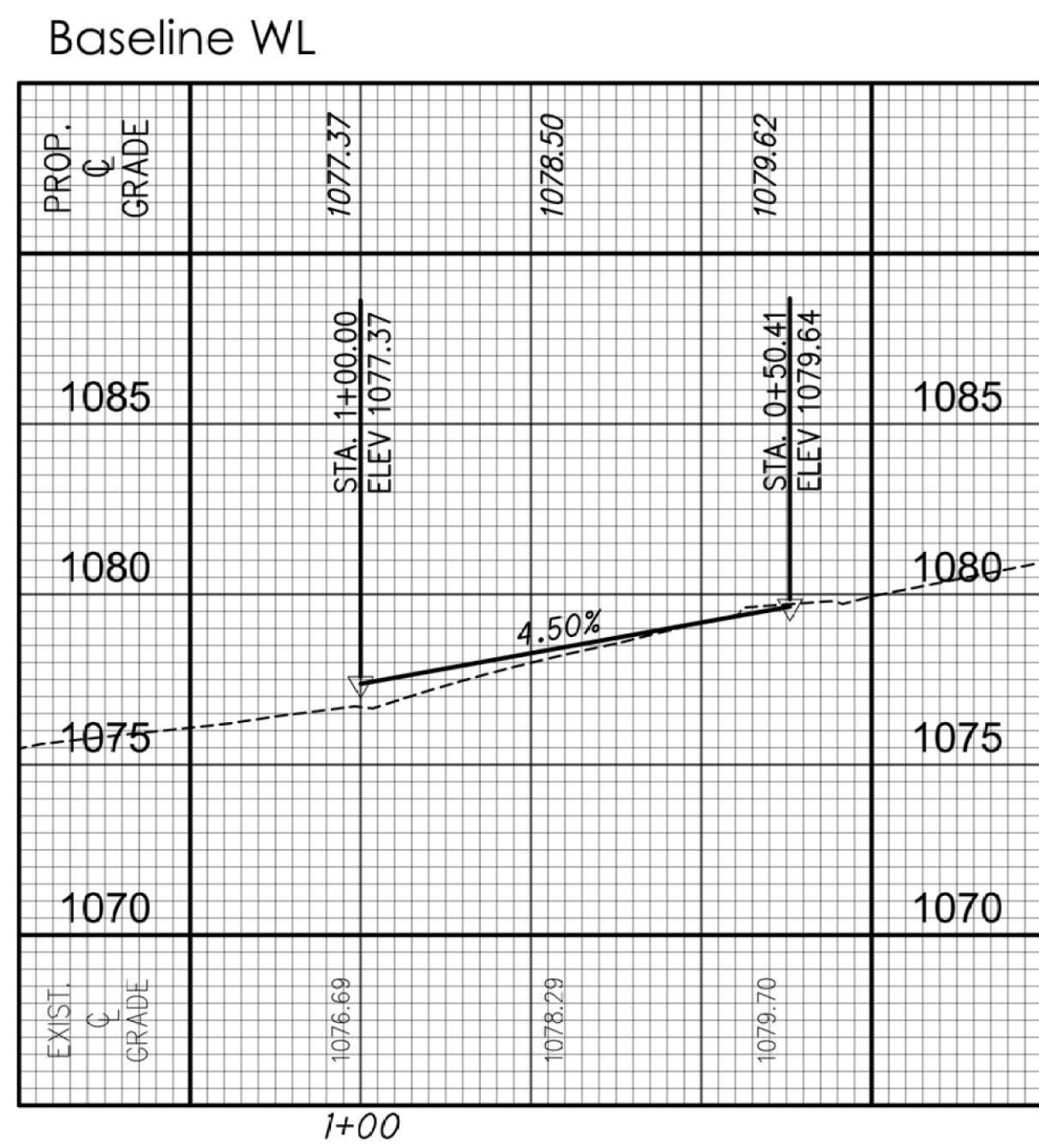
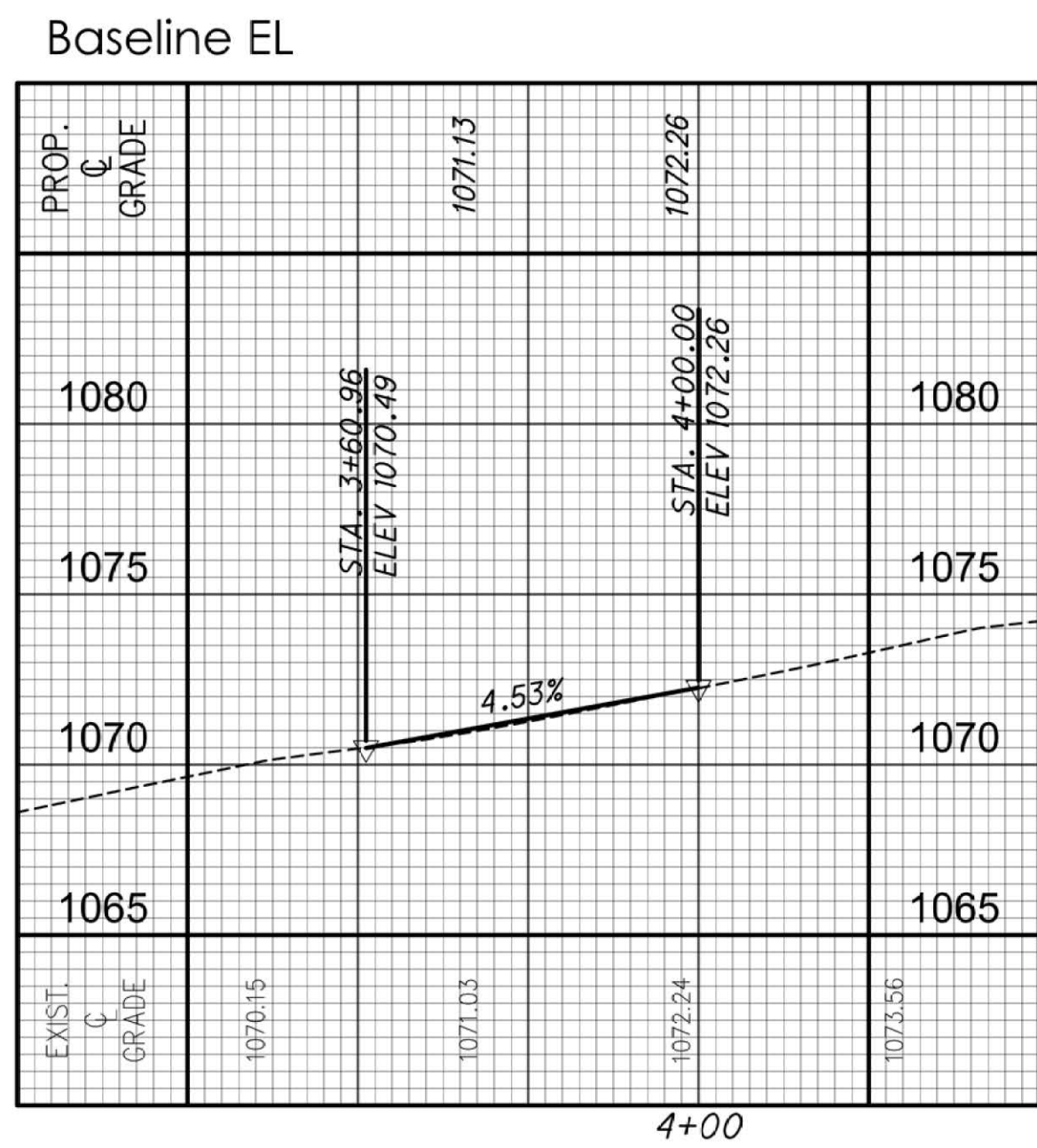
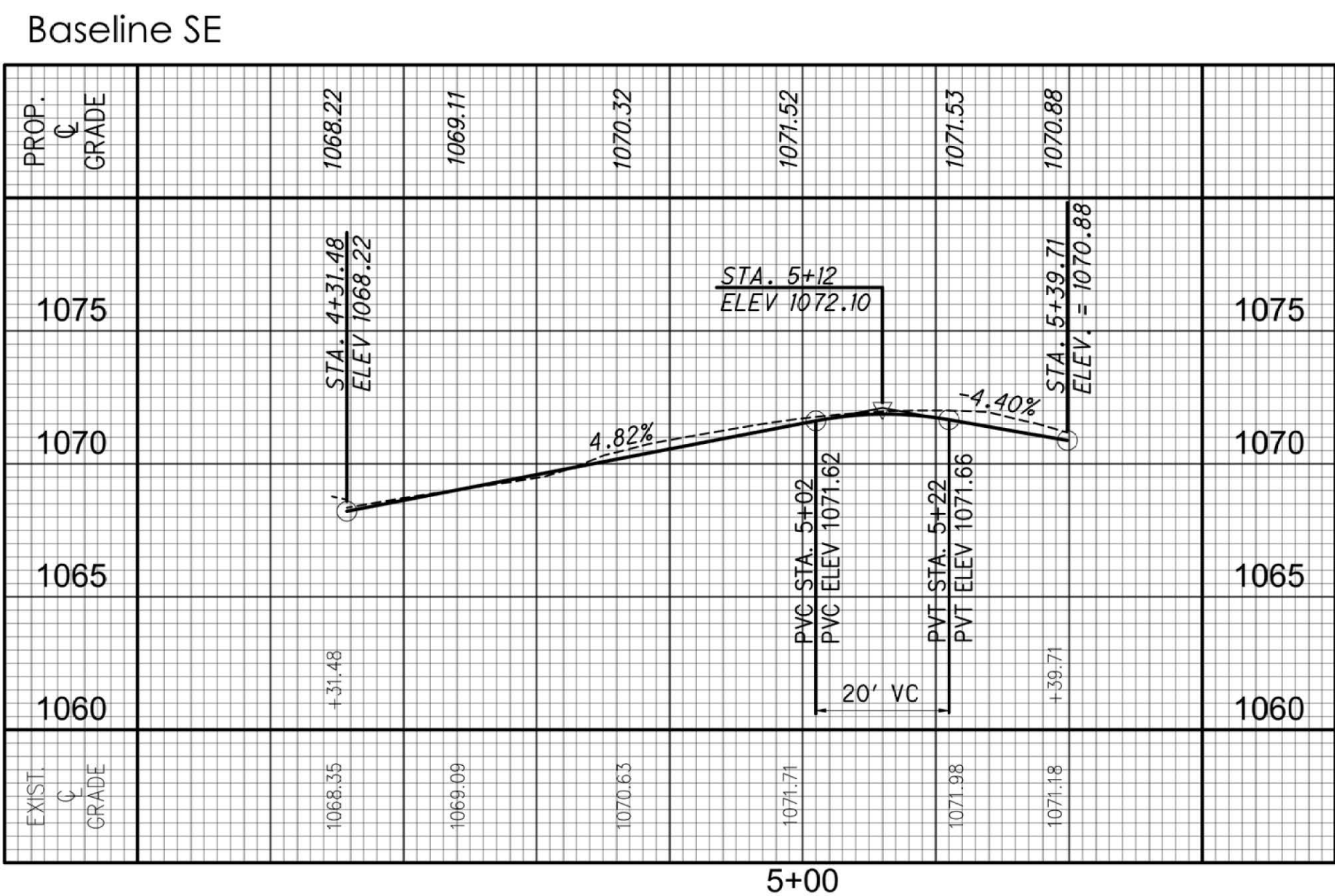
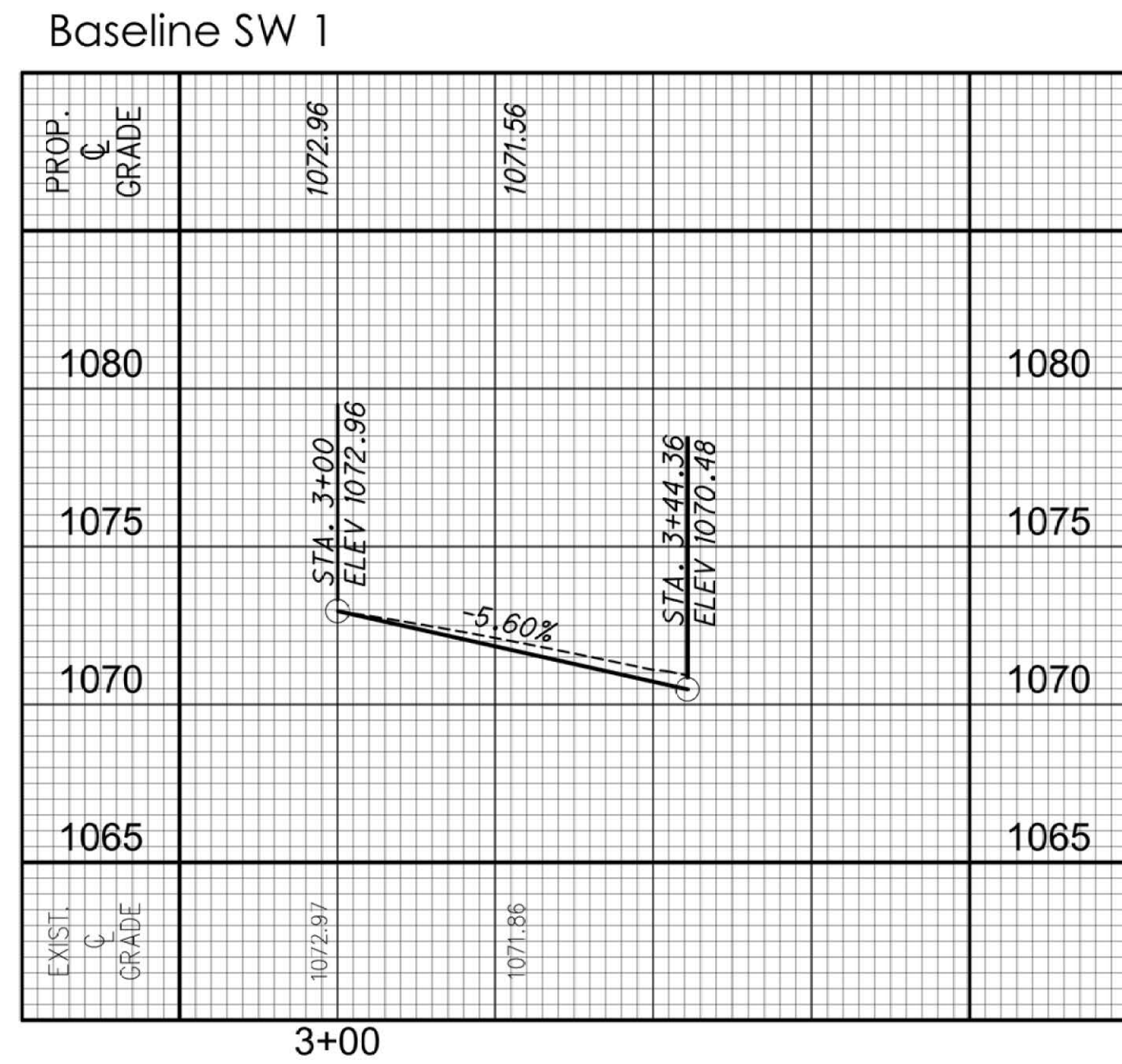
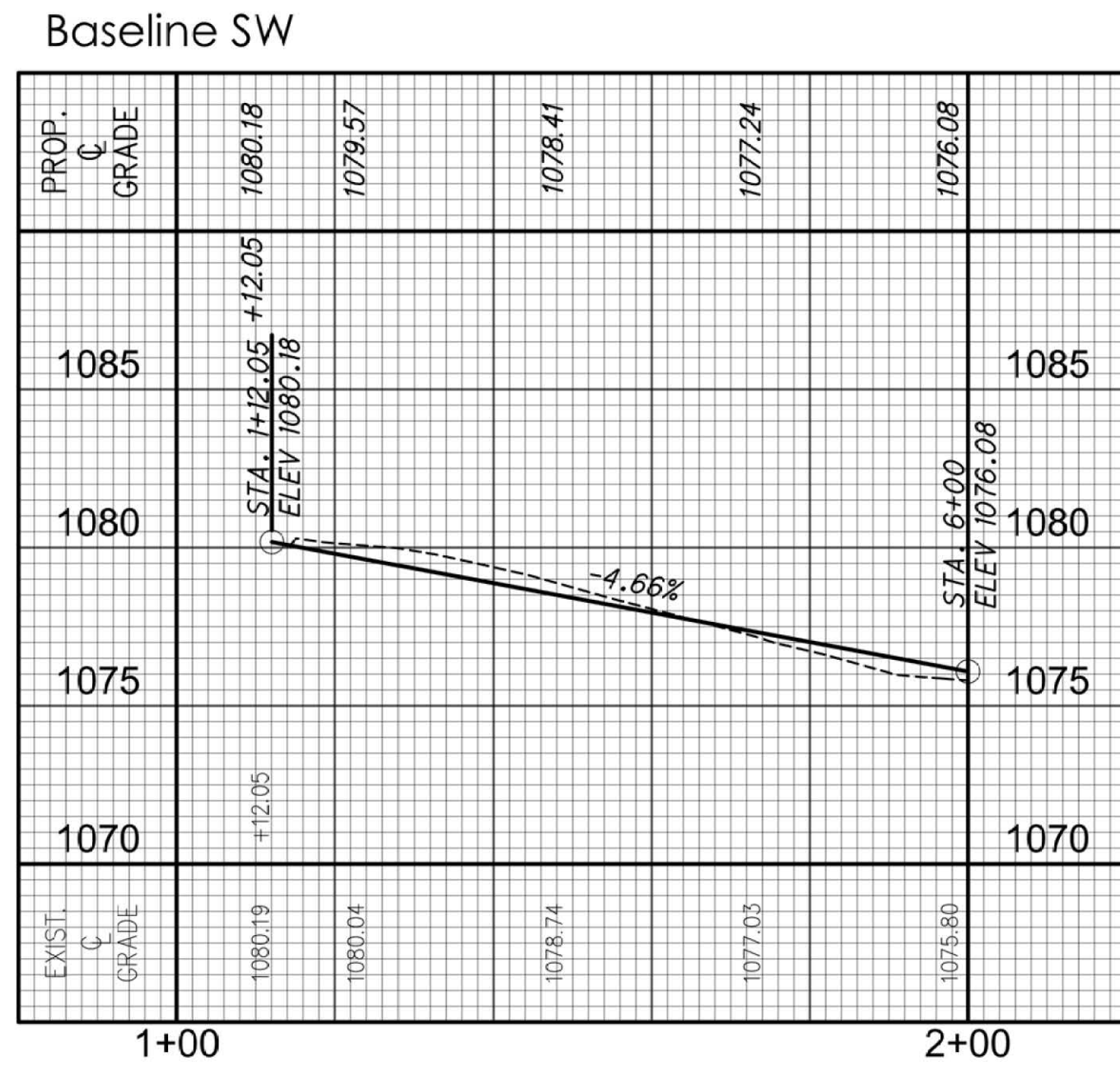
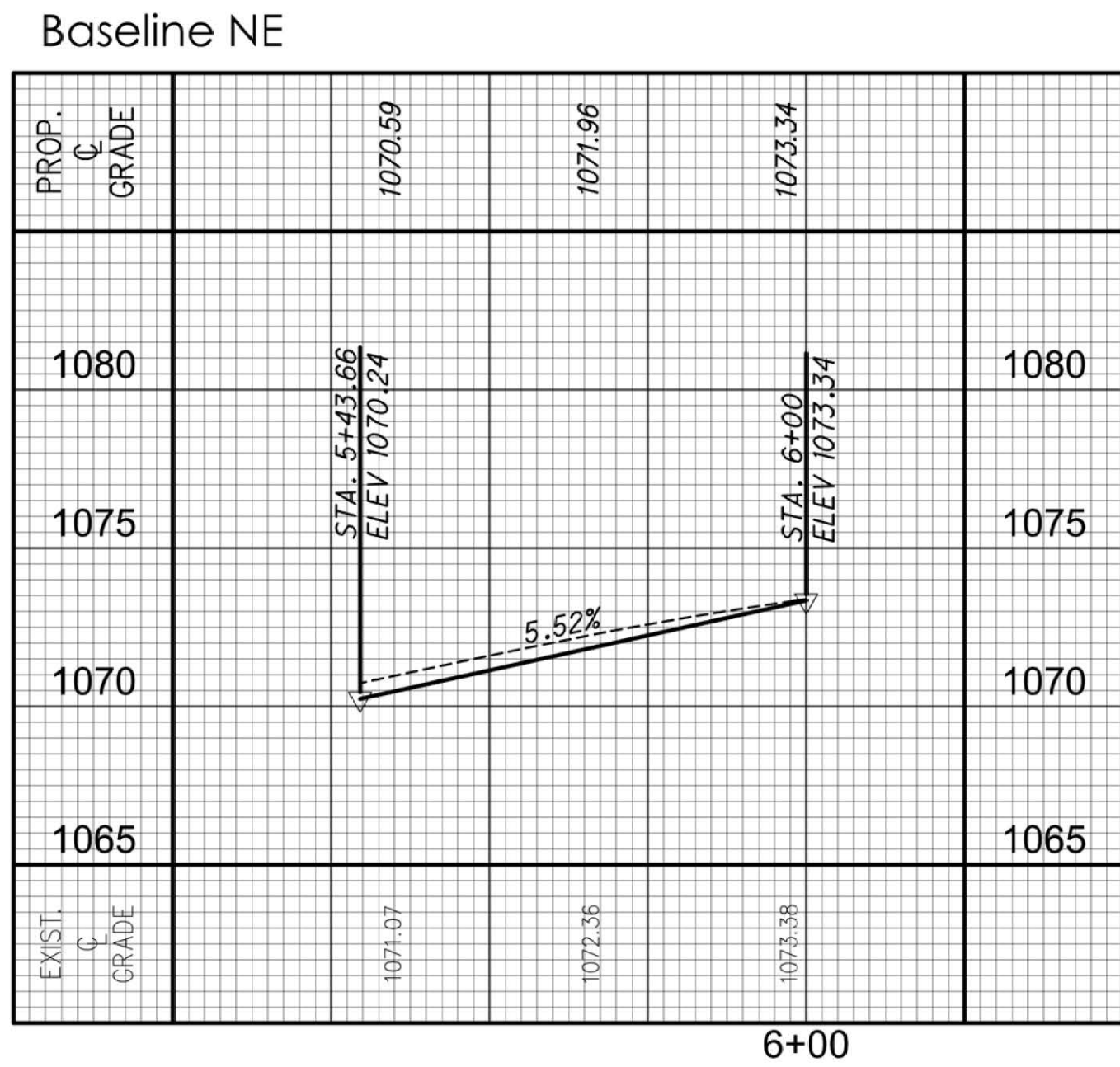
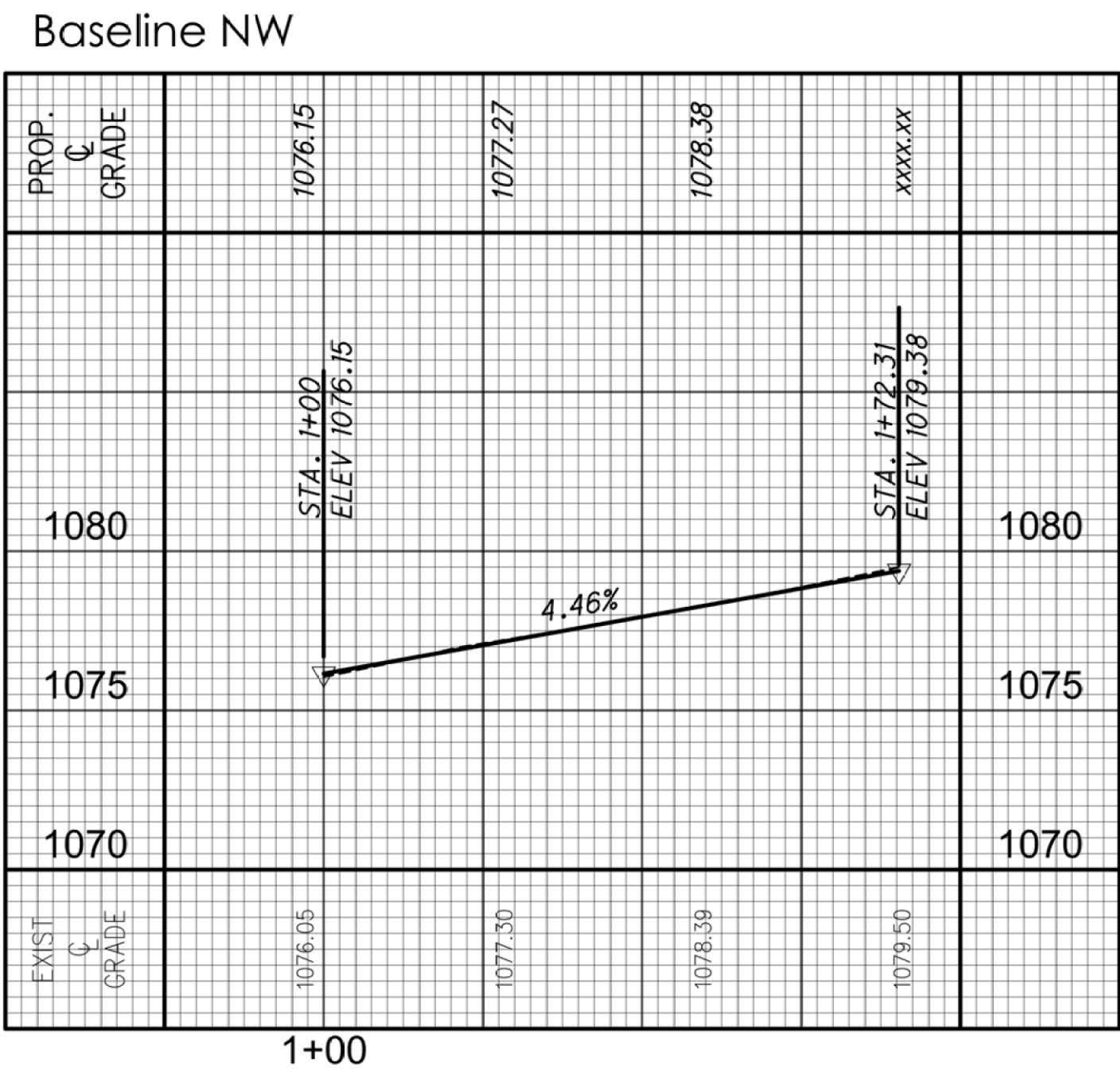
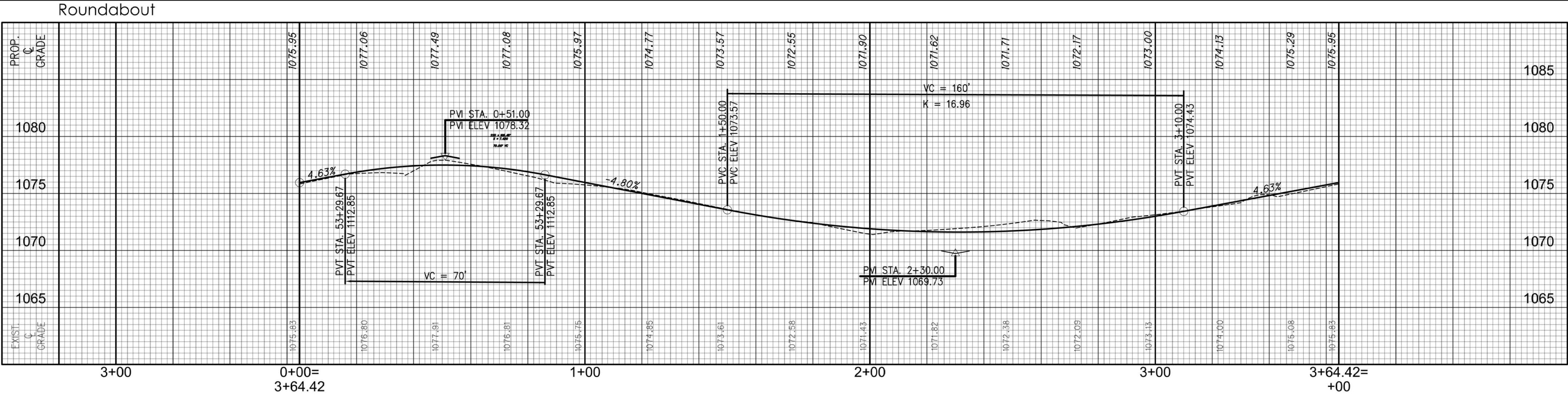
PROJECT ID: **00s108/120493**

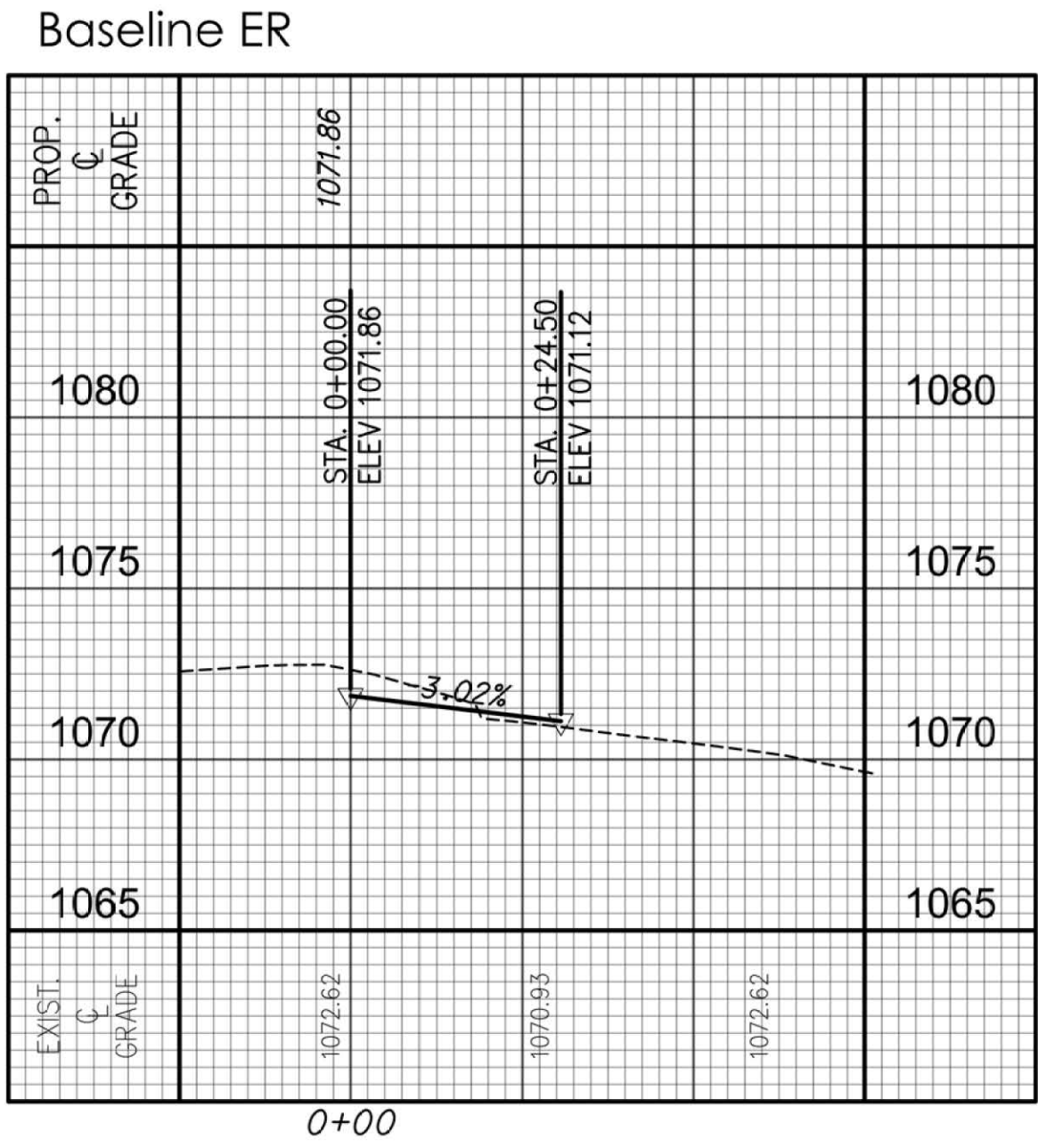
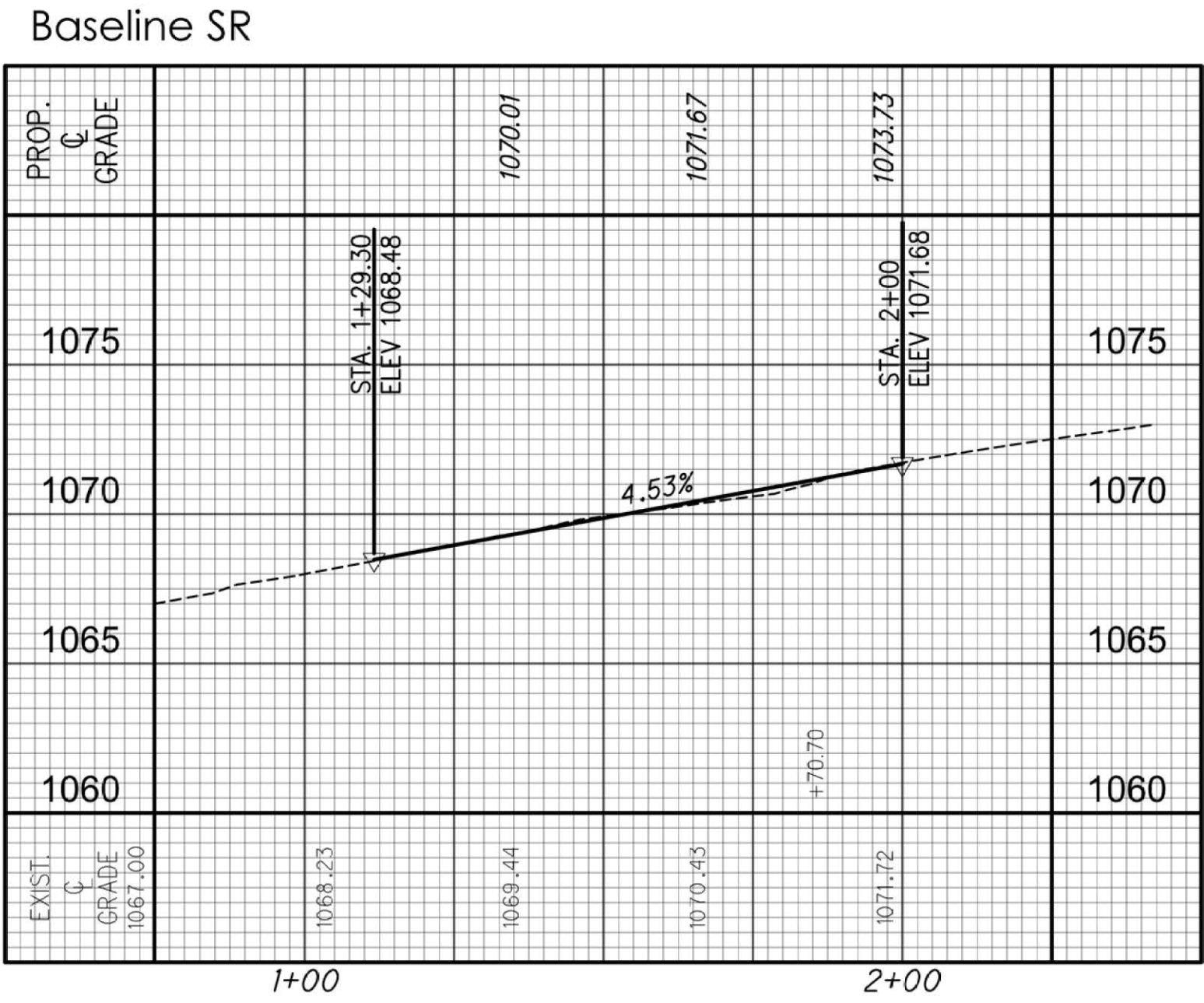
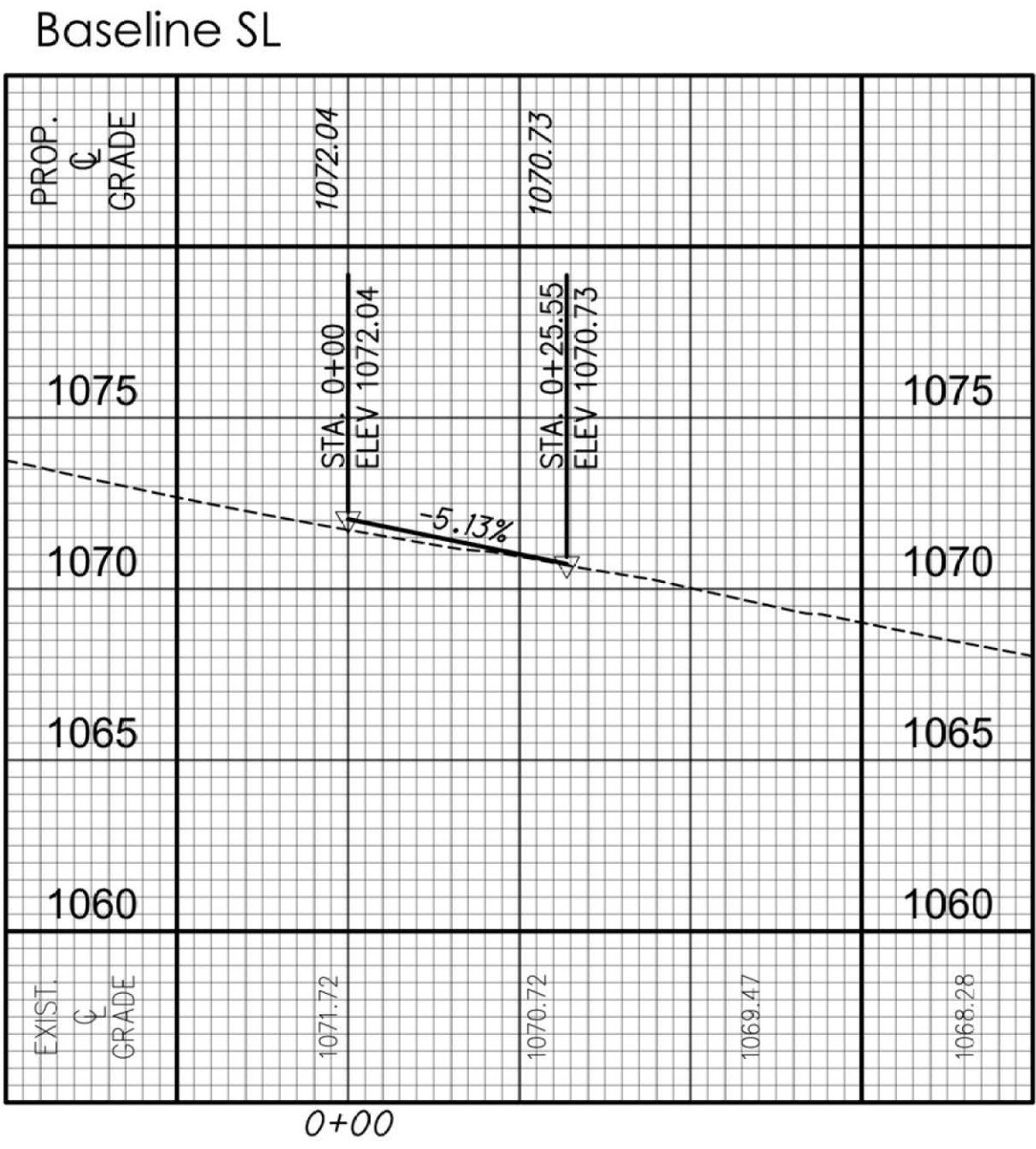
SHT NO.: **15** TOTAL: **49**

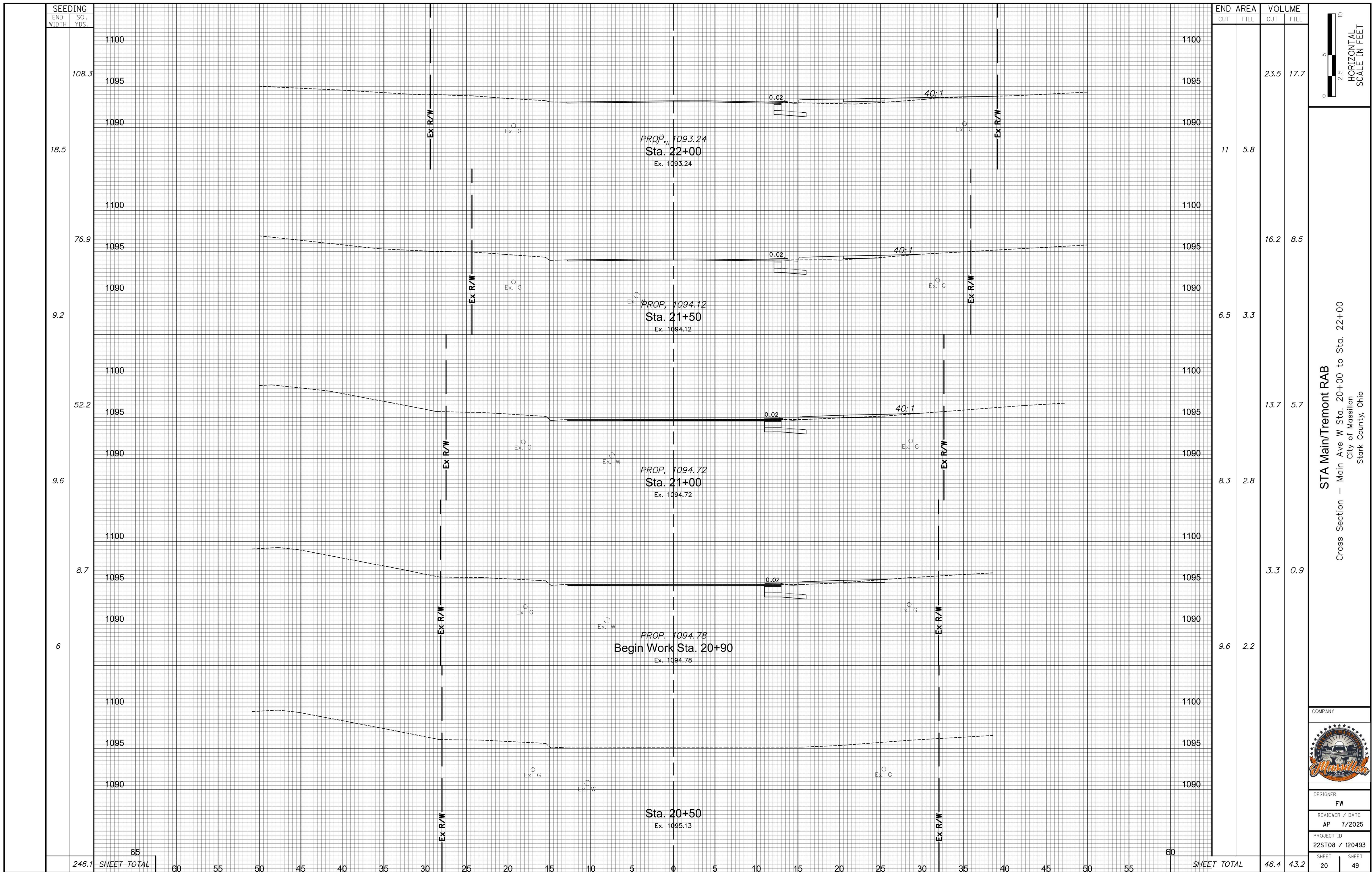
HORIZONTAL SCALE IN FEET

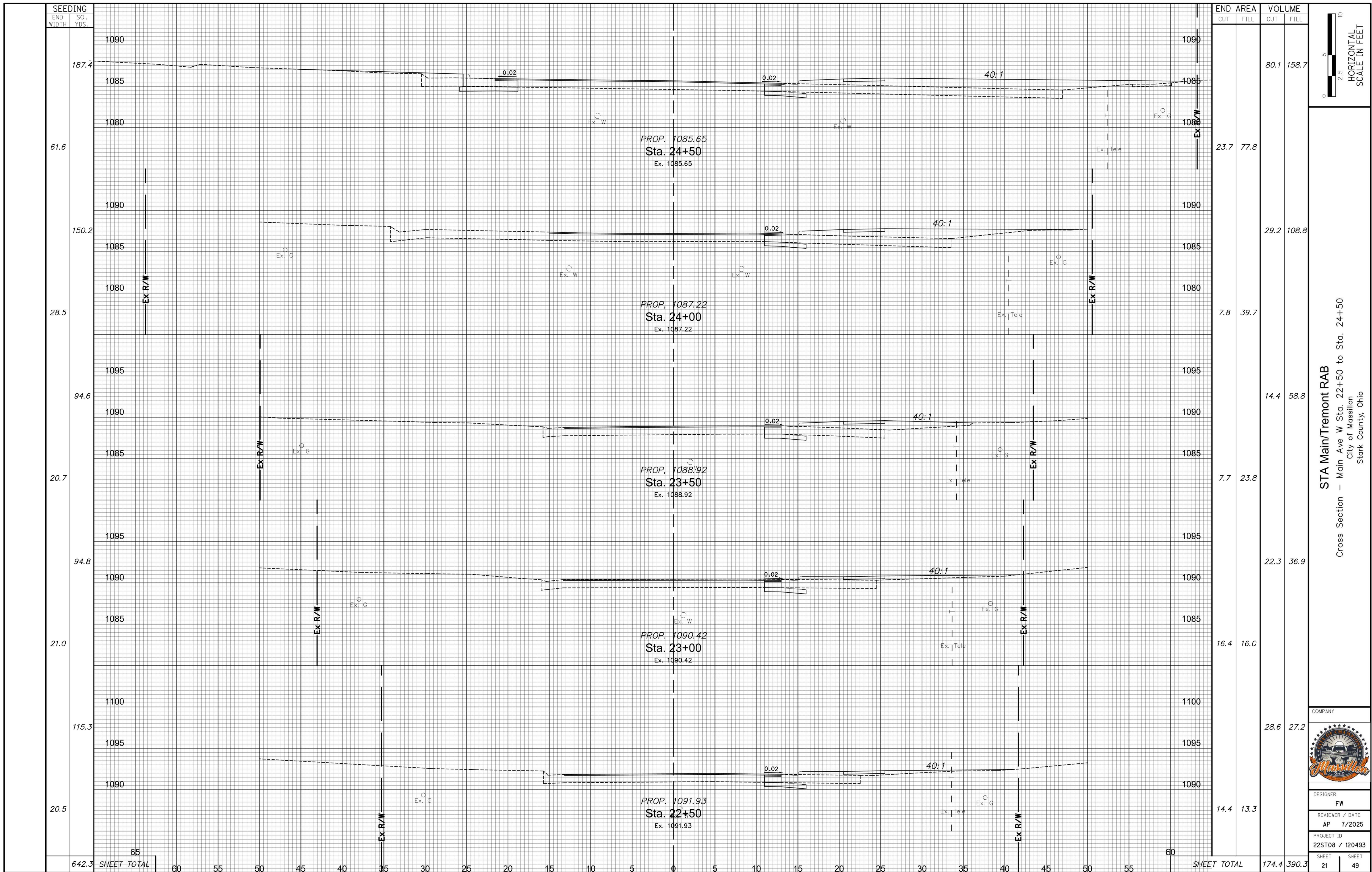


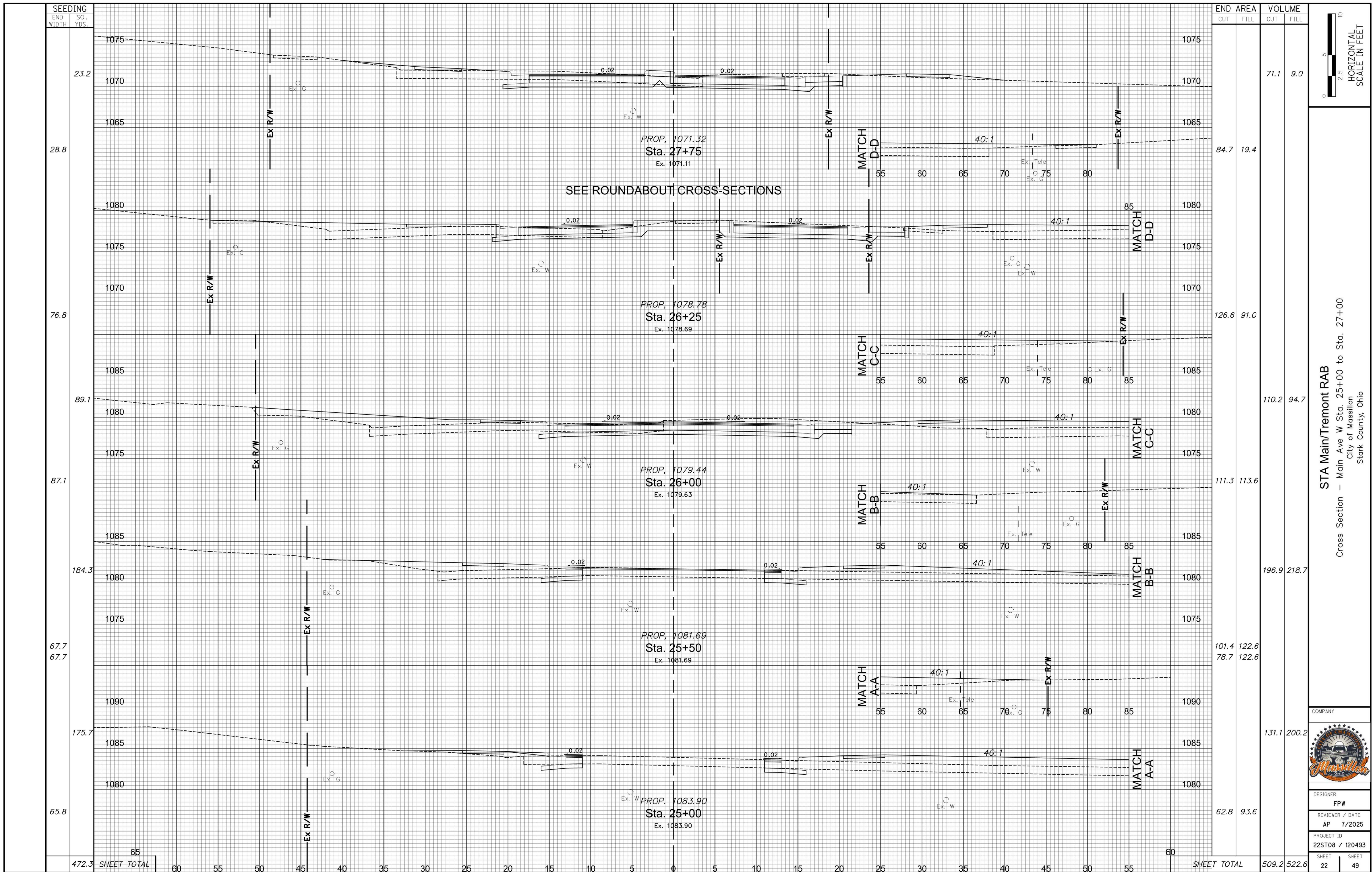
REF.	STATION		SIDE	ITEMS				TOTALS CARRIED TO GENERAL SUMMARY			
	TO	FROM		PIPE REMOVED	CATCH BASIN REMOVED	CURB RAMP	CATCH BASIN TYPE: CB-MASS7030	MANHOLE, MASS 1048-R	MANHOLE, MASS1048 AGS-R	12" CONDUIT, TYPE B	
R-8	29+11.01	29+71.62	LT	58	1						
R-9	29+42		LT	5	1						
R-10	29+69		RT	5	1						
CB-5	29+16.18		LT				1				
CB-6	29+42.25		LT								
CB-7	29+42.84		RT								
CR-4	29+42.84		RT								
DM-4	29+71.62		LT				1				
DP-5	29+42	29+71.62	LT								
MH-3	29+38.85		LT			57					
CR-4	29+36.89										
TOTALS CARRIED TO GENERAL SUMMARY				68	3	57	3	1	1	55	

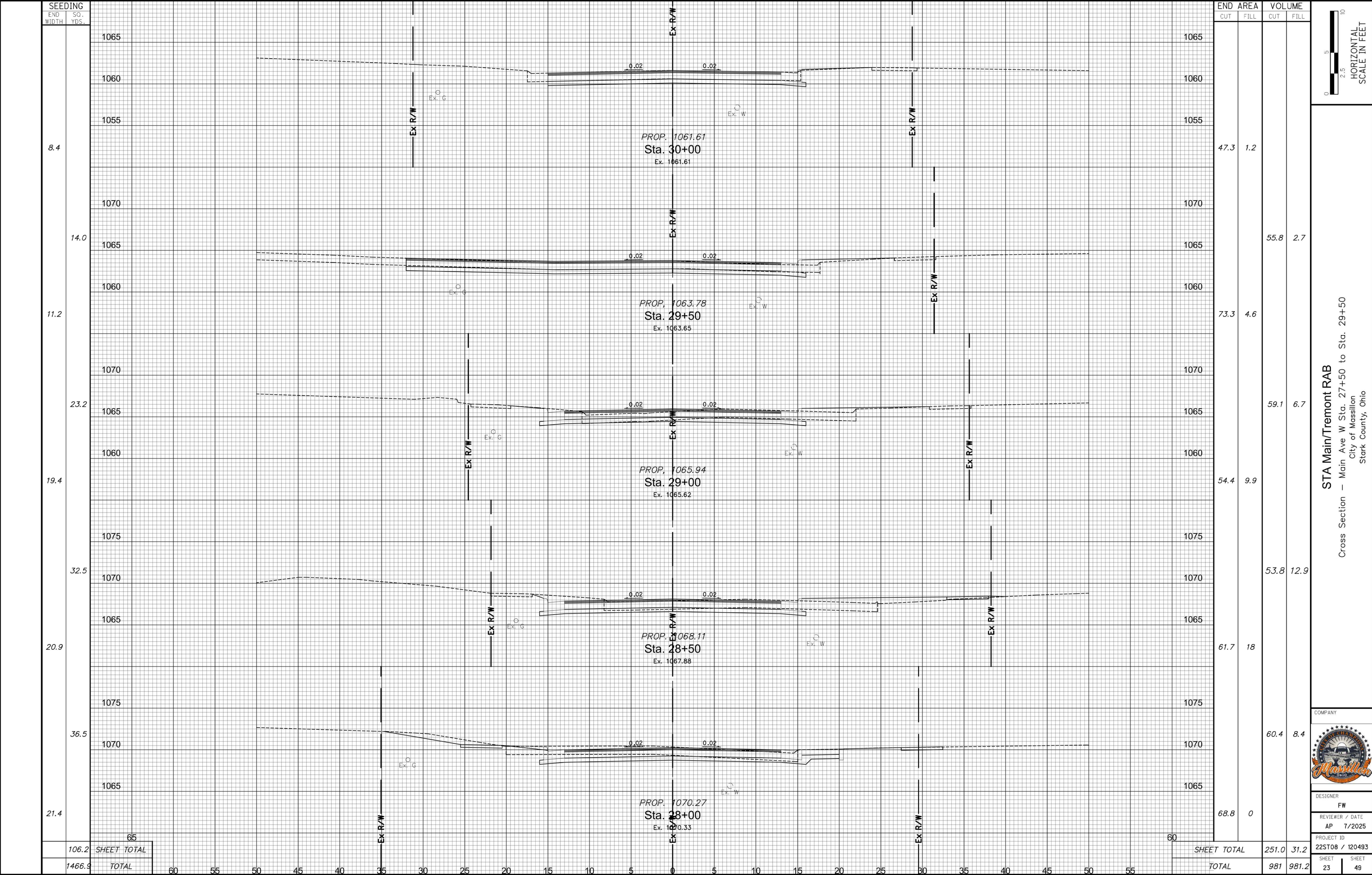












STA Main/Tremont RAB

Cross Section — Main Ave W Sta. 27+50 to Sta. 29+50

City of Massillon

Stark County, Ohio



COMPANY

DESIGNER

FW

REVIEWER / DATE

AP 7/2025

PROJECT ID

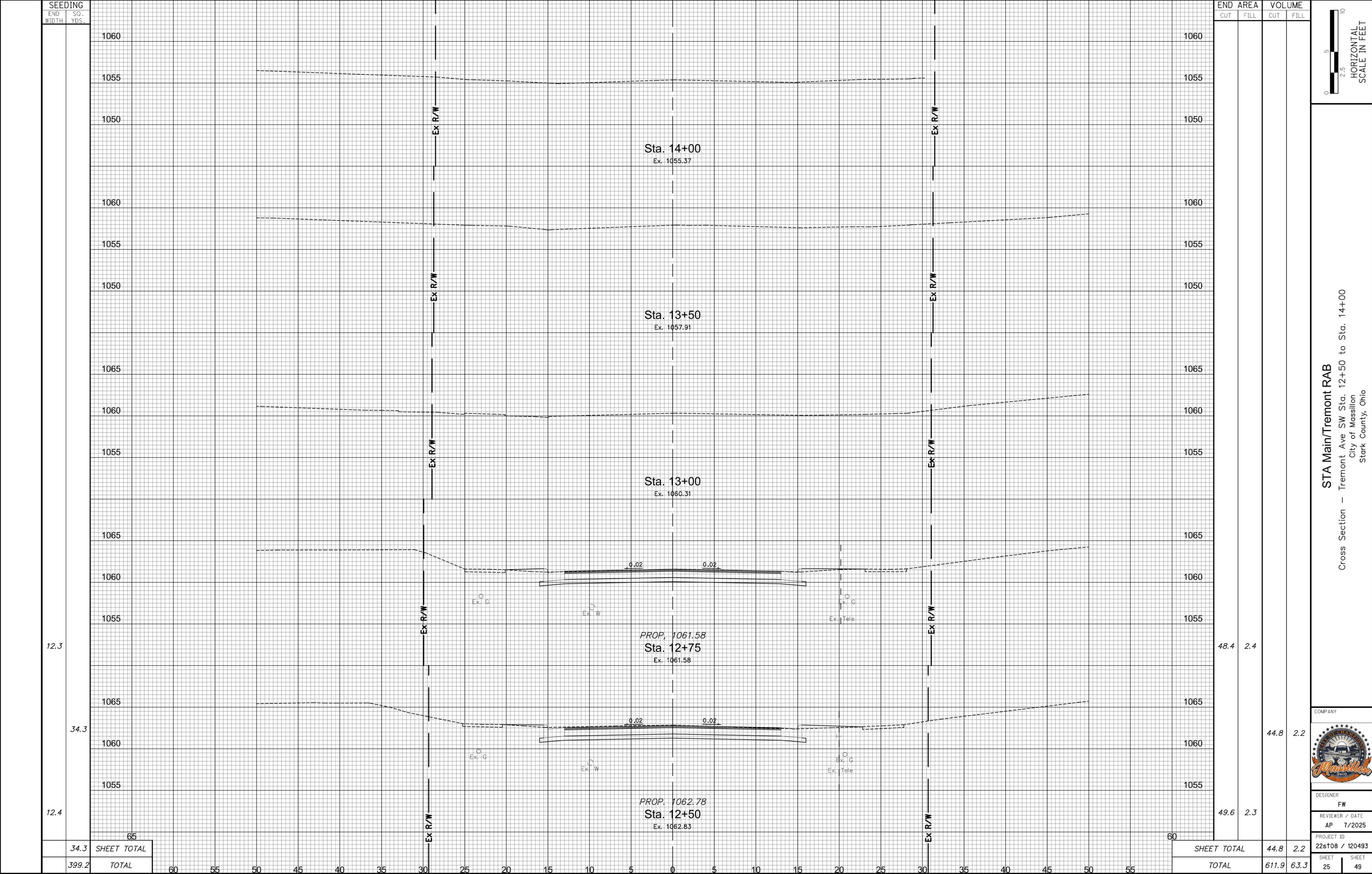
22ST08 / 120493

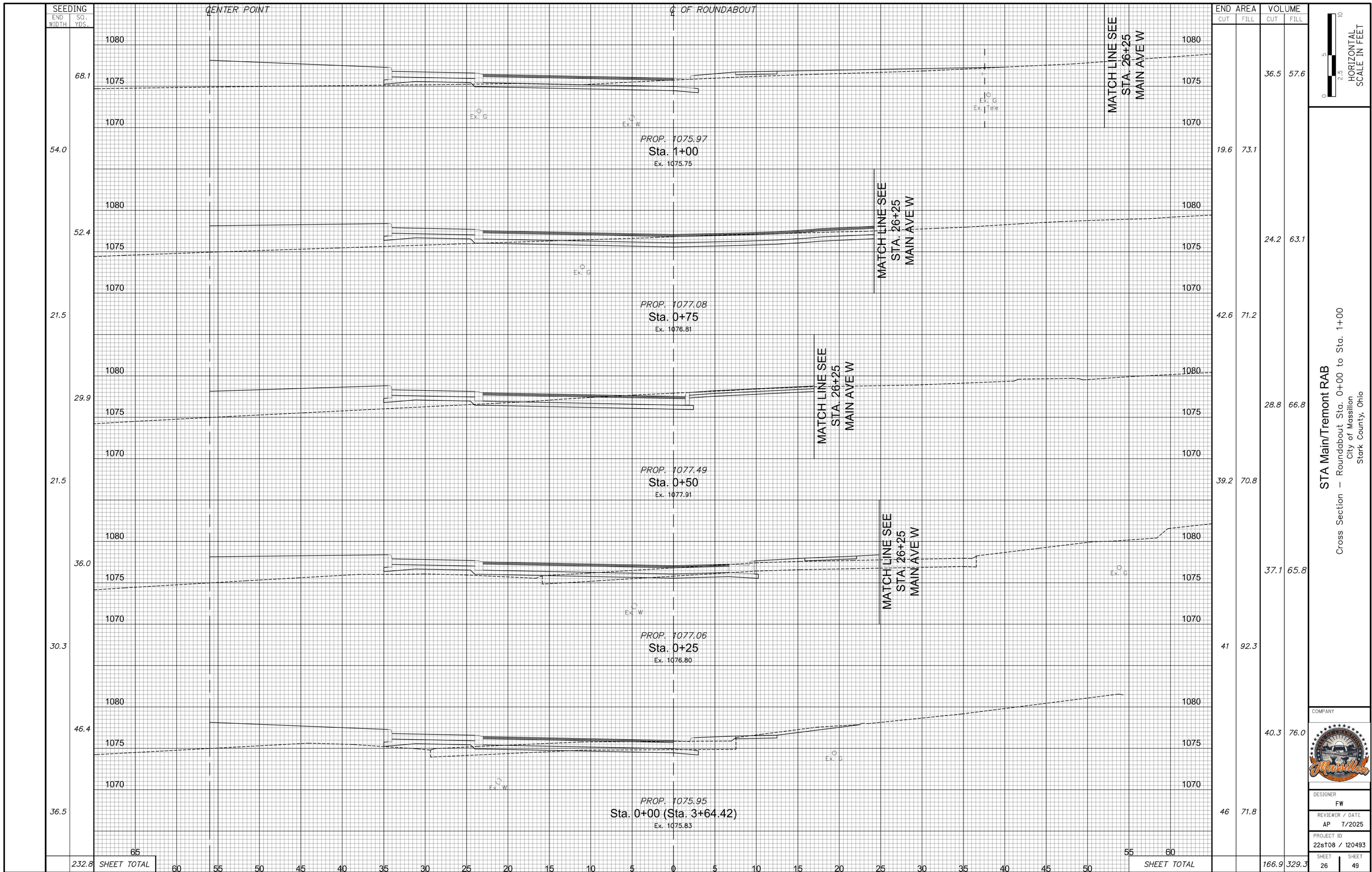
SHEET

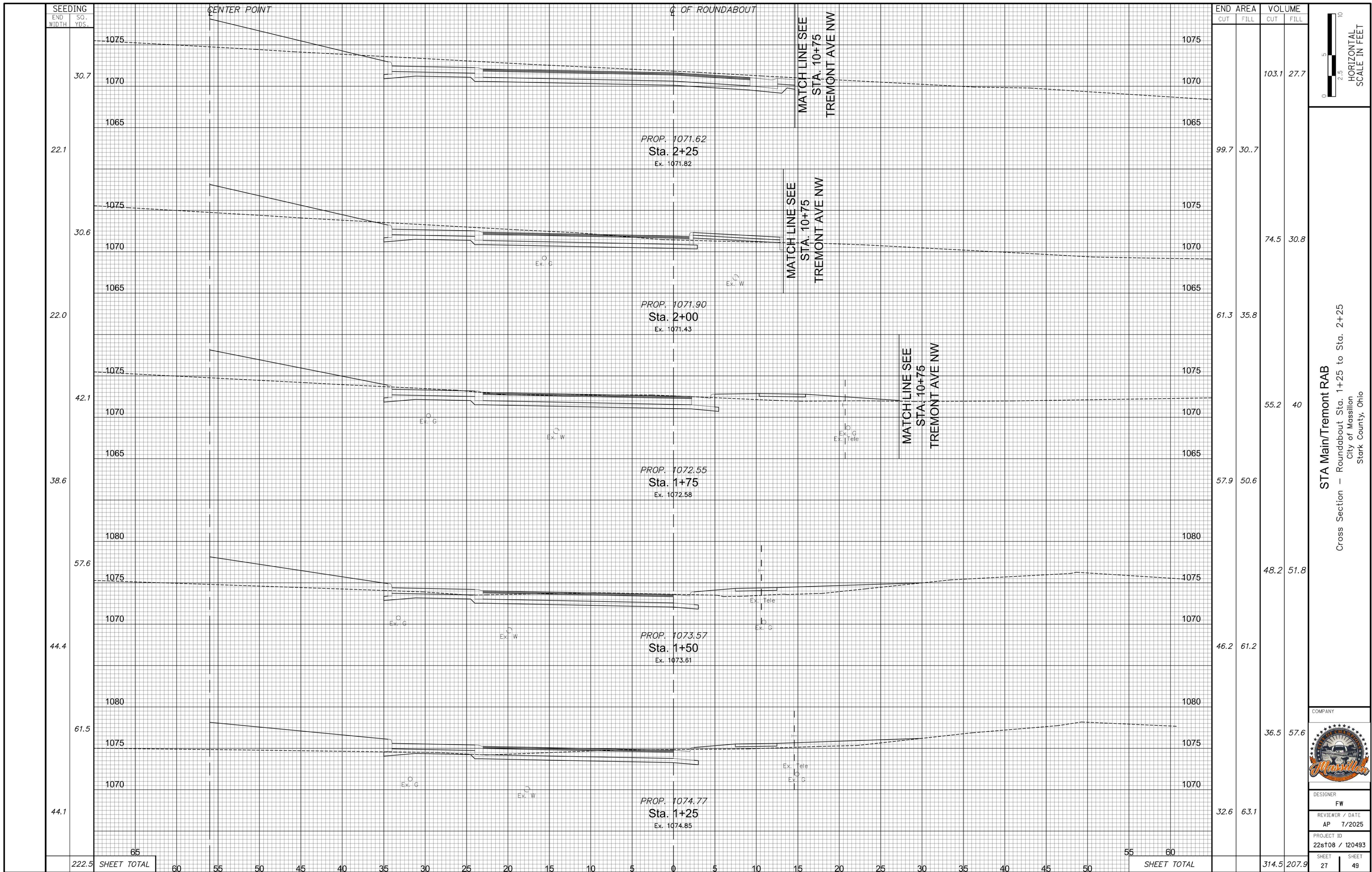
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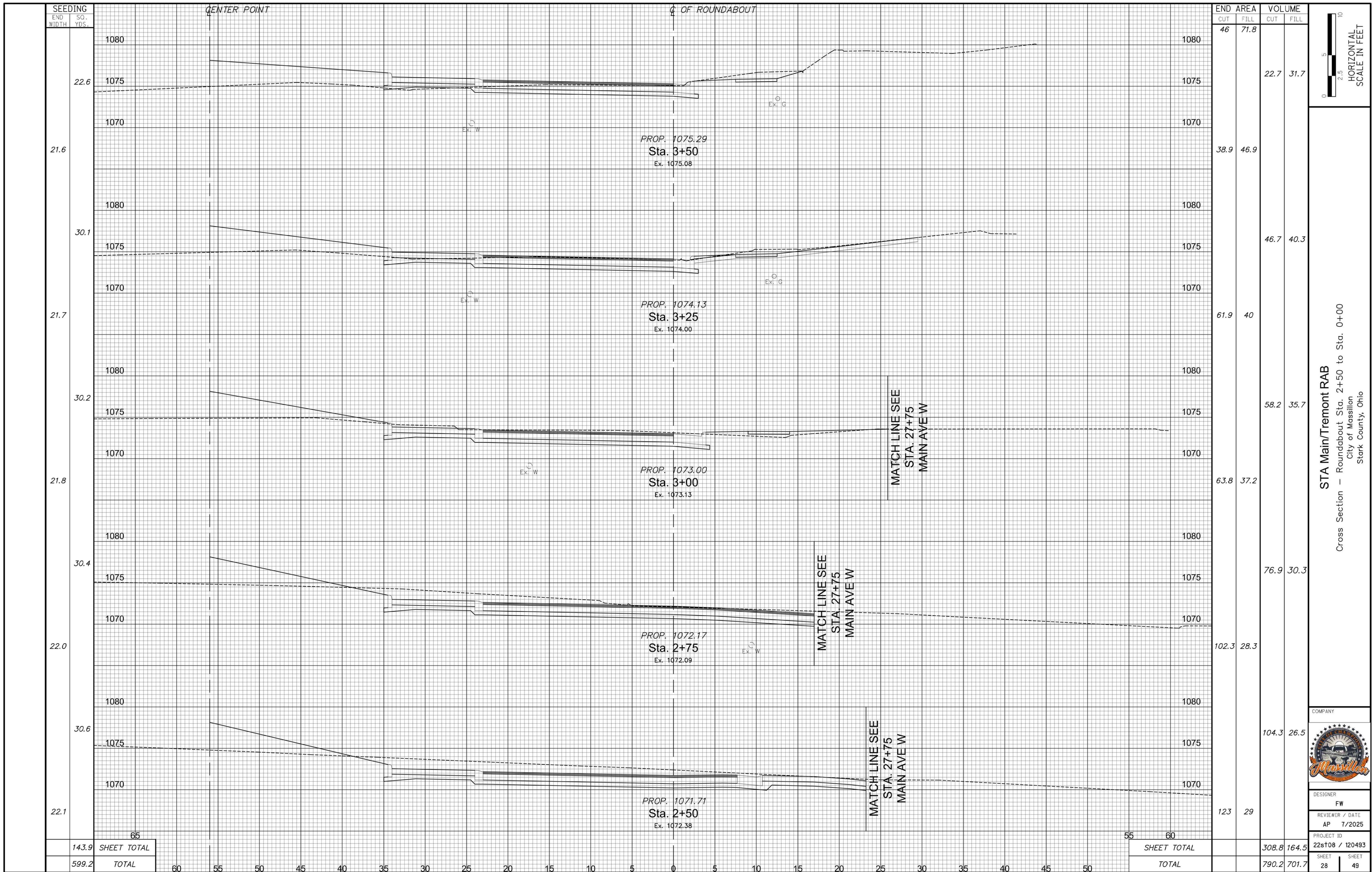
SHEET

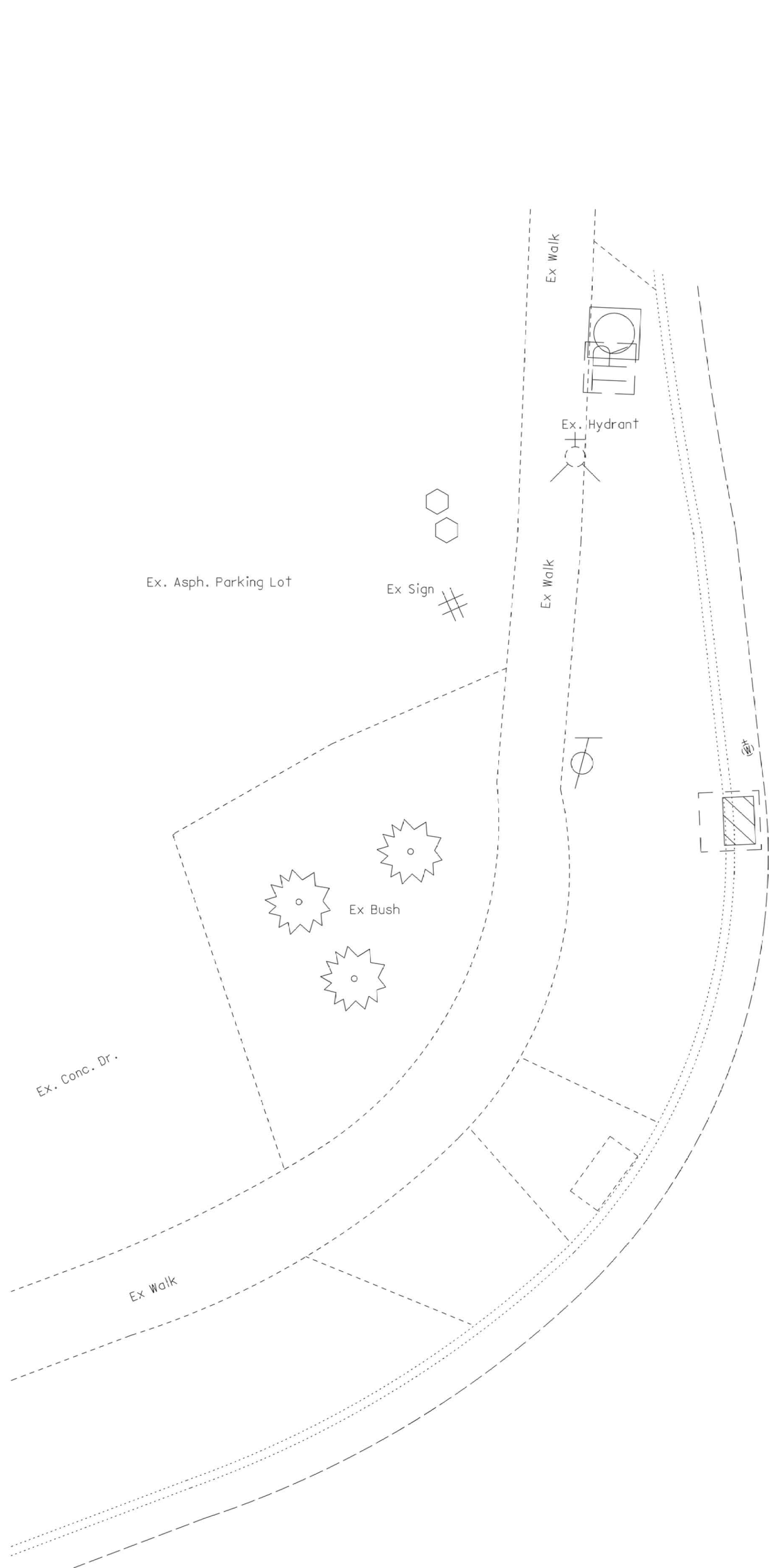
49





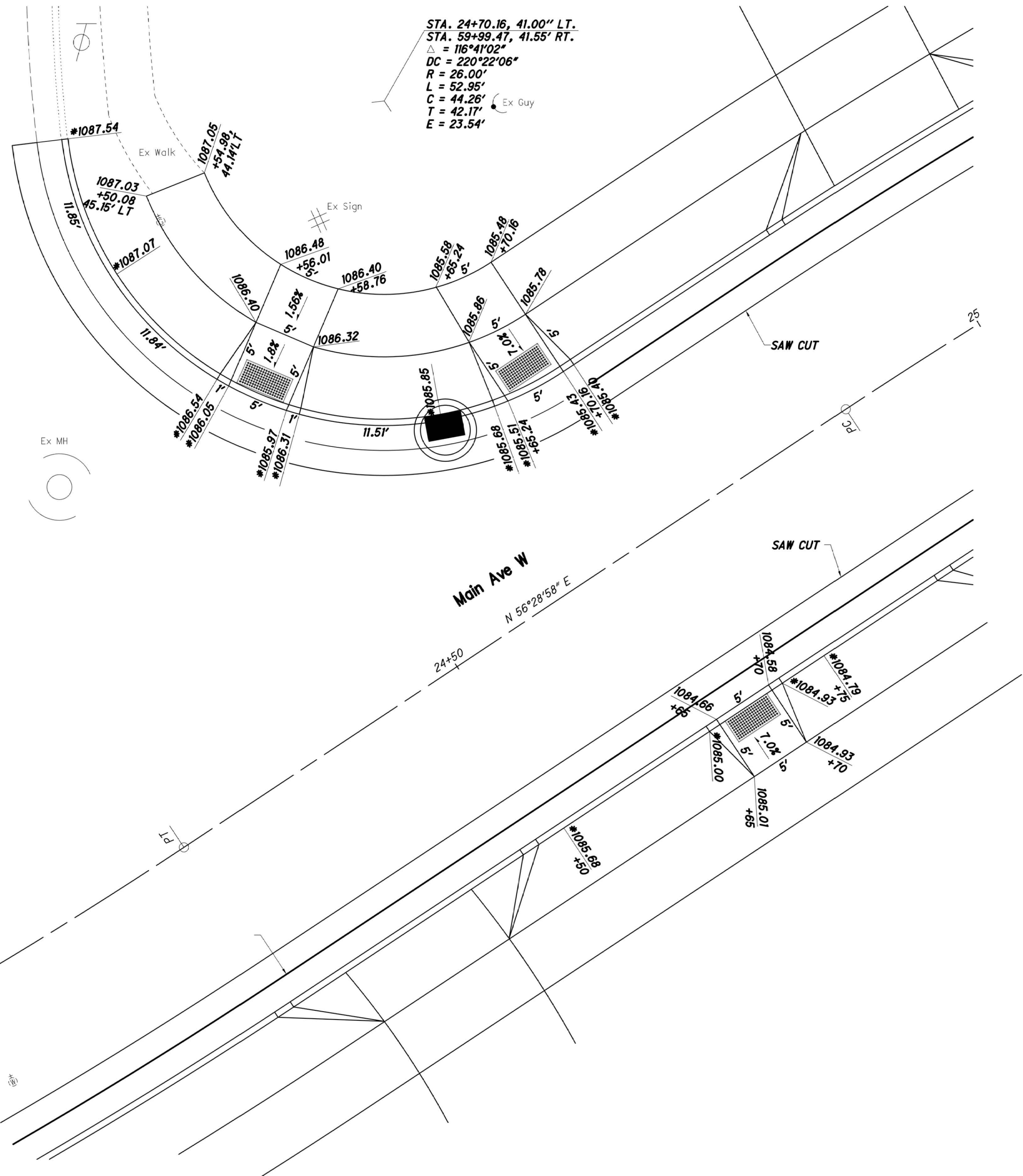






STA. 24+04.78 Main Ave W=
STA. 60+00 23rd St NW

23rd St. NW-50' R/W



STA. 24+70.16, 41.00" LT.
STA. 59+99.47, 41.55' RT.
 $\Delta = 116^\circ 41' 02''$
DC = 220' 22" 06"
R = 26.00'
L = 52.95'
C = 44.26'
T = 42.17'
E = 23.54'

CURB SLOPE = 0.039848914

0

2.5

5

10

HORIZONTAL
SCALE IN FEET

N

STA Main/Tremont RAB
Main Ave W - 23rd St NW Intersection Detail
City of Massillon
Stark County, Ohio

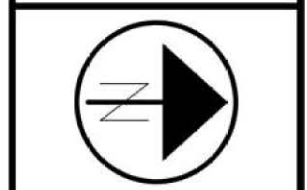
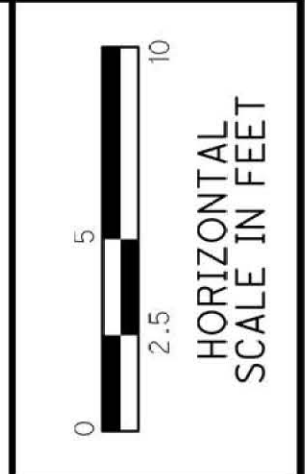
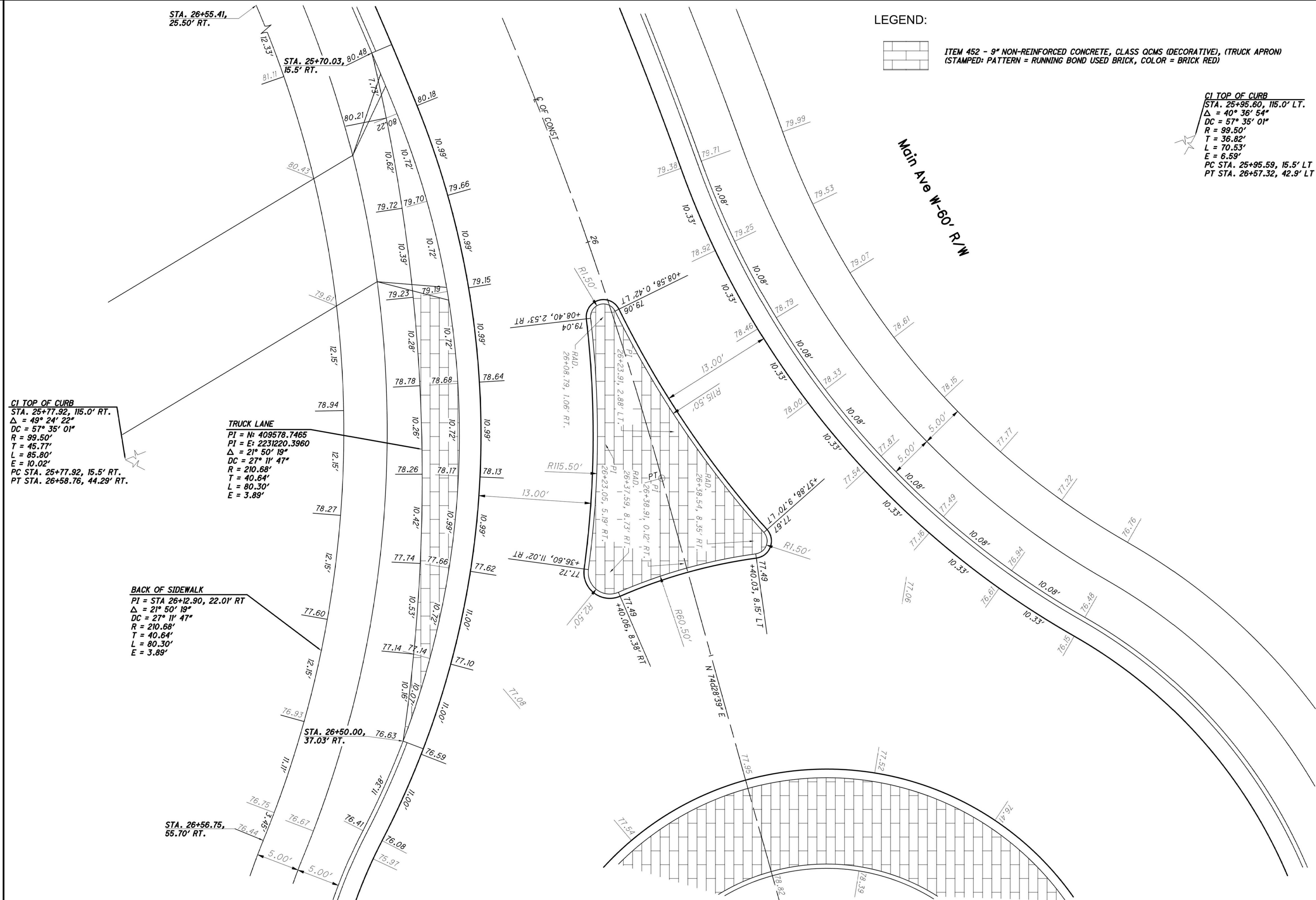
LOGO:

DESIGNER
FPW

REVIEWER / DATE
AP 7/2025

PROJECT ID
00s108/120493

SHT NO. TOTAL
29 49

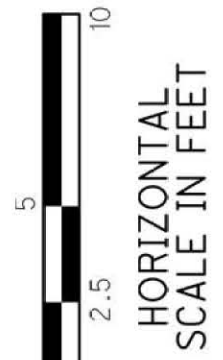


STA Main/Tremont RAB
West Leg Main Ave W and Roundabout
City of Massillon
Stark County, Ohio



DESIGNER	
AP	
REVIEWER / DATE	
FW 3/6/2025	
PROJECT ID	
22ST08 / 120493	
SHEET	SHEET
30	49

C1 TOP OF CURB
STA. 27+94.48, 75.0' LT.
 $\Delta = 70^\circ 05' 50''$
 $DC = 96^\circ 17' 44''$
 $R = 59.50'$
 $T = 29.06'$
 $L = 54.07'$
 $E = 6.72'$

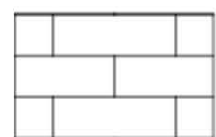


STA Main/Tremont RAB
East Leg Main Ave w
City of Massillon
Stark County, Ohio

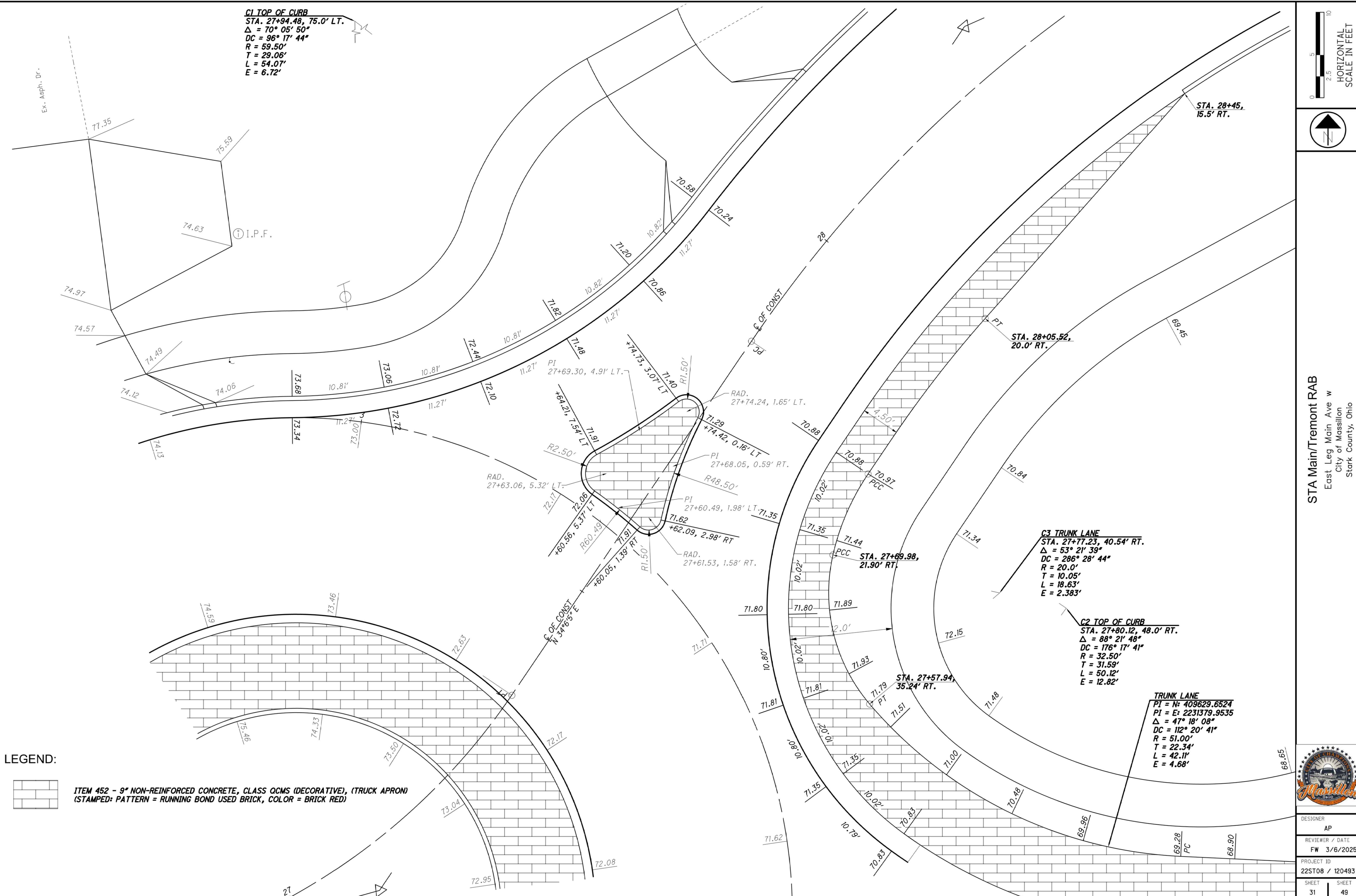


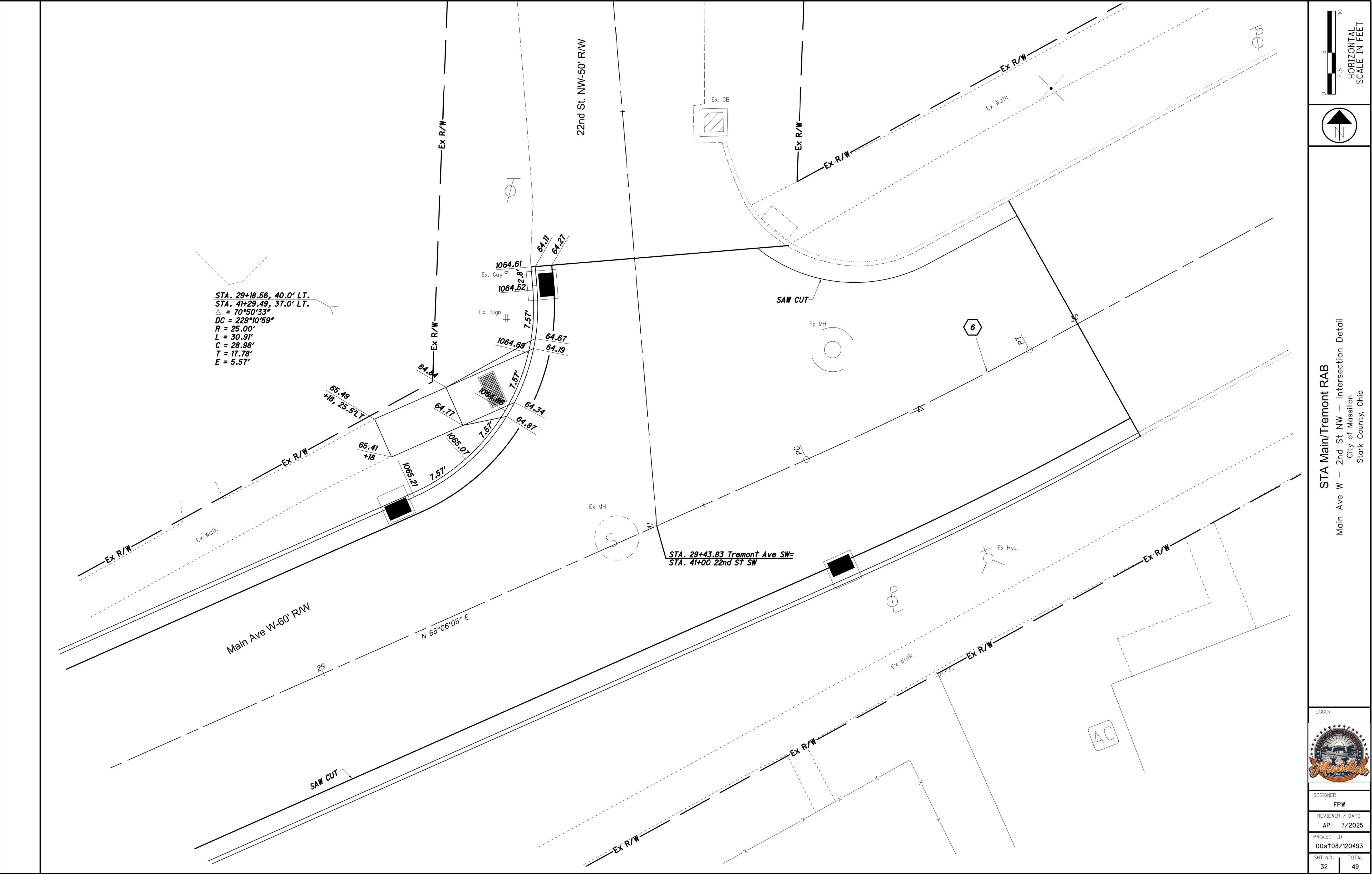
DESIGNER	AP
REVIEWER / DATE	FW 3/6/2025
PROJECT ID	22ST08 / 120493
SHEET	31
SHEET	49

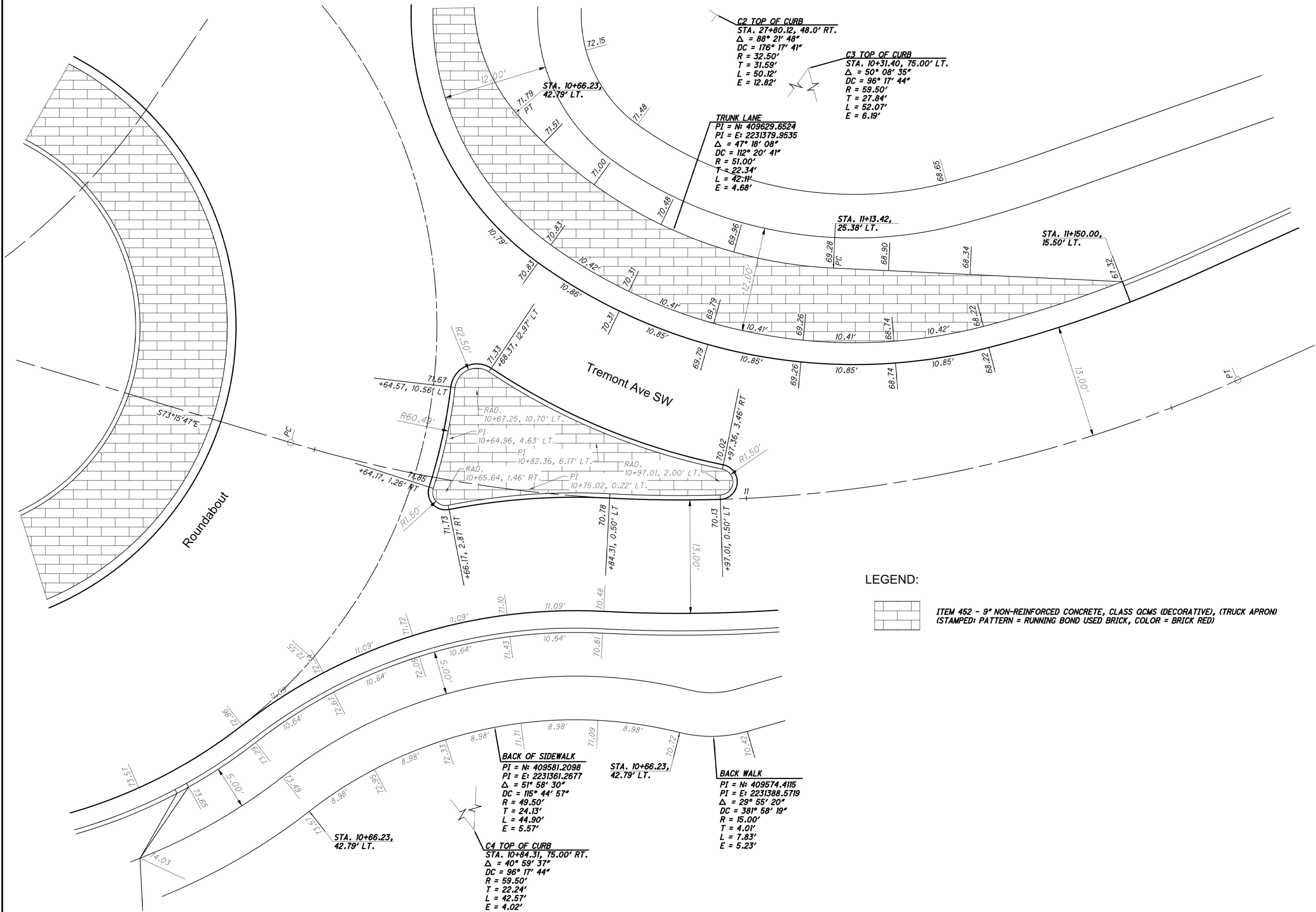
LEGEND:



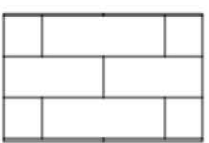
ITEM 452 - 9" NON-REINFORCED CONCRETE, CLASS QCMS (DECORATIVE), (TRUCK APRON)
(STAMPED: PATTERN = RUNNING BOND USED BRICK, COLOR = BRICK RED)



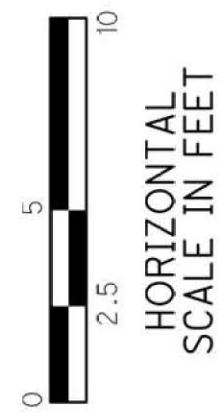




LEGEND:



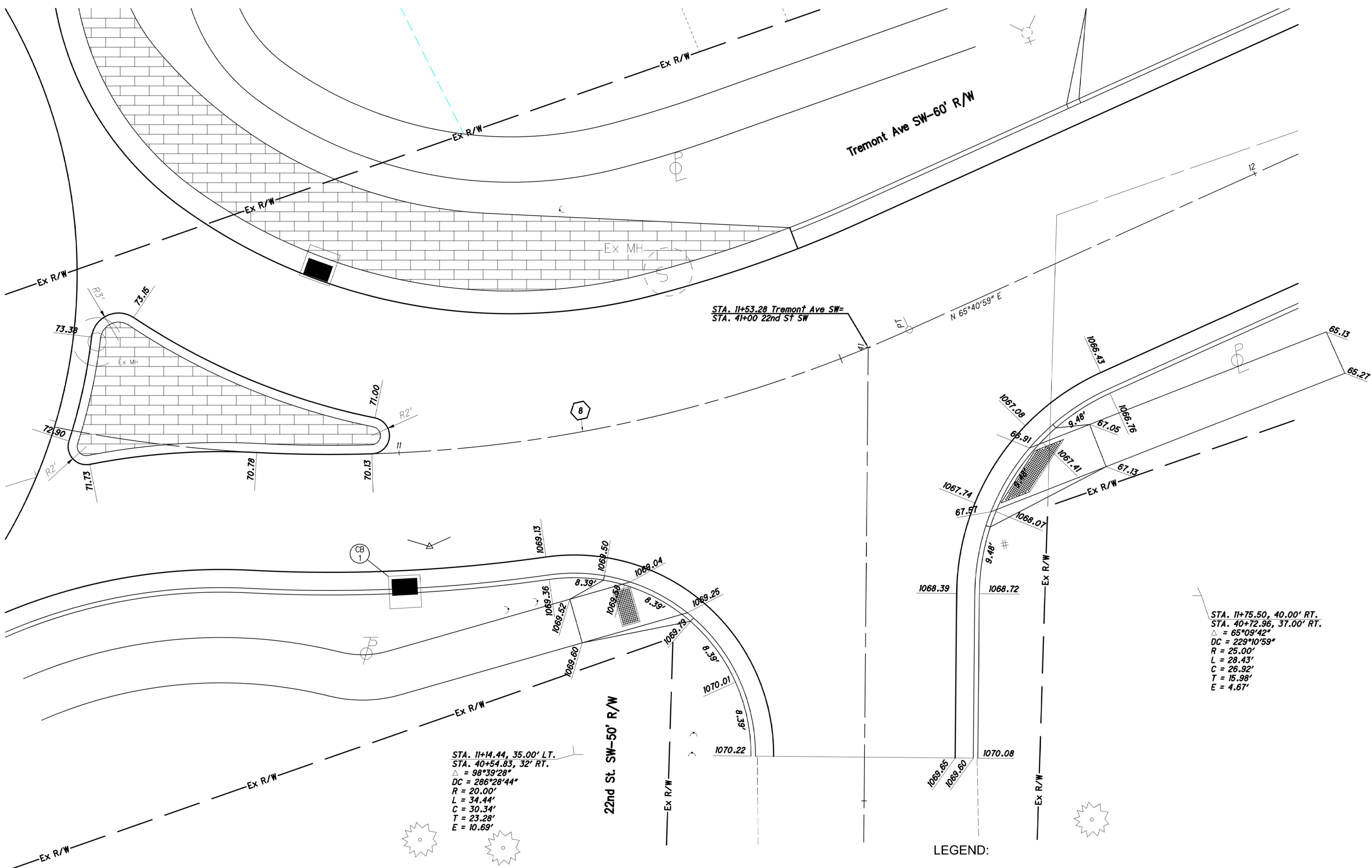
ITEM 452 - 9" NON-REINFORCED CONCRETE, CLASS QCMS (DECORATIVE), (TRUCK APRON)
(STAMPED: PATTERN = RUNNING BOND USED BRICK, COLOR = BRICK RED)



STA Main/Tremont RAB
Tremont Ave SW and Roundabout
City of Massillon
Stark County, Ohio



DESIGNER	AP
REVIEWER / DATE	FW 3/6/2025
PROJECT ID	22ST08 / 120493
SHEET	SHEET
33	49

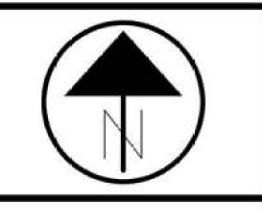


STA. 11+14.44, 35.00' LT.
STA. 40+54.83, 32' RT.
 $\Delta = 98^{\circ}39'28''$
DC = 286'28'44"
R = 20.00'
L = 34.44'
C = 30.34'
T = 23.28'
E = 10.69'

STA. 11+75.50, 40.00' RT.
STA. 40+72.96, 37.00' RT.
 $\Delta = 65^{\circ}09'42''$
DC = 229'10'59"
R = 25.00'
L = 28.43'
C = 26.92'
T = 15.98'
E = 4.67'

LEGEND:

ITEM 452 - 9" NON-REINFORCED CONCRETE, CLASS QCMS (DECORATIVE), (TRUCK APRON)
(STAMPED: PATTERN = RUNNING BOND USED BRICK, COLOR = BRICK RED)



STA Main/Tremont RAB
Main Ave W - Plan and Profile Sta. 24+00 to Sta. 28+00
City of Massillon
Stark County, Ohio

LOGO:

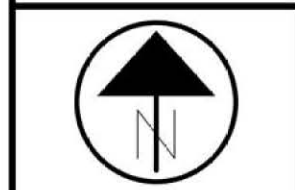
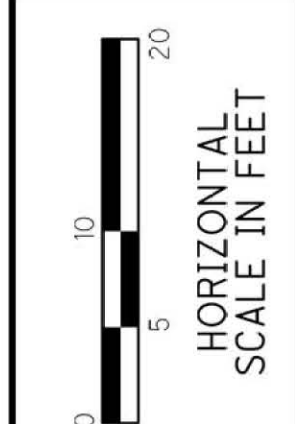
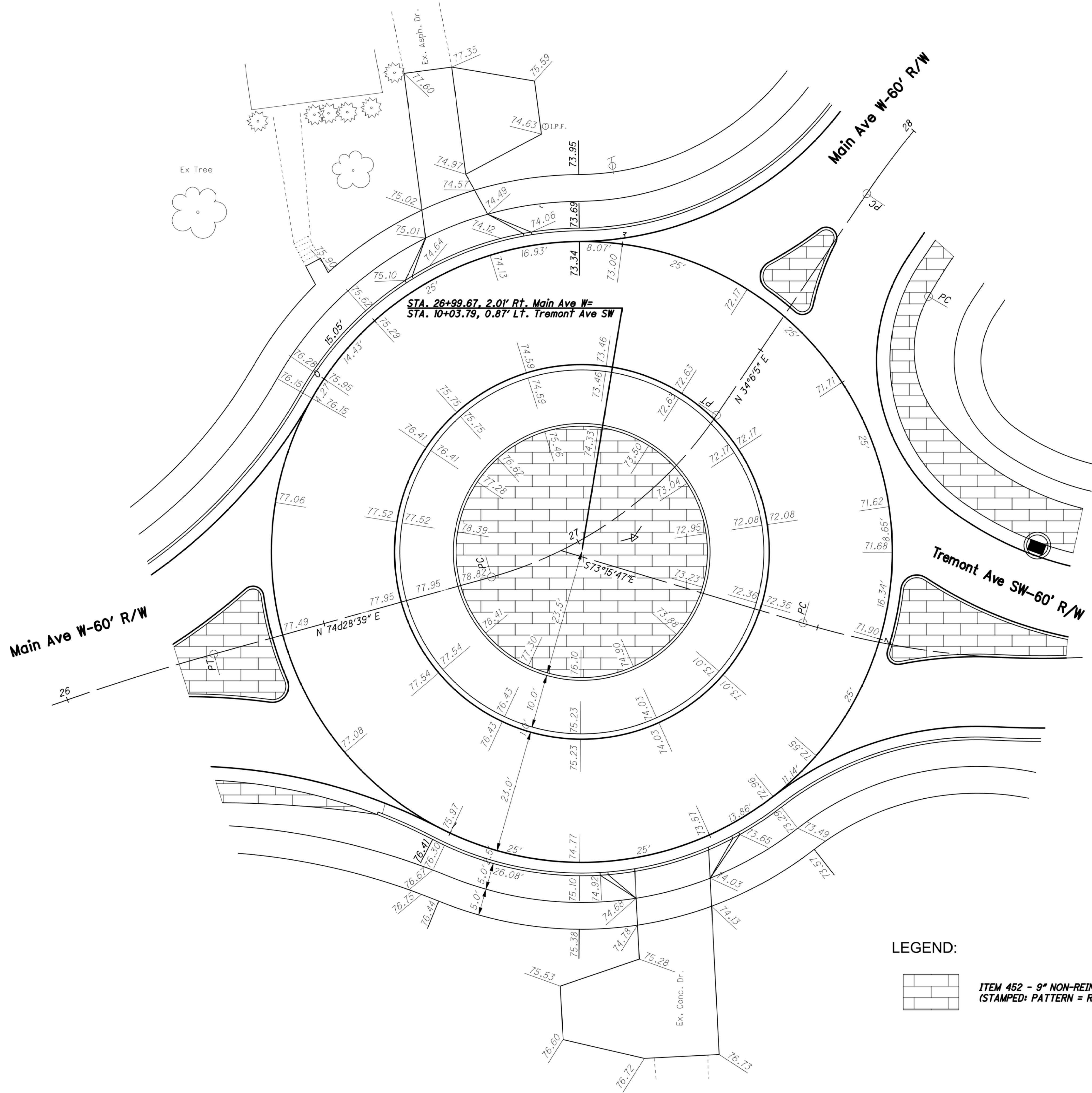


DESIGNER
FPW

REVIEWER / DATE
AP 7/2025

PROJECT ID
22st08 / 120493

SHT NO.	TOTAL
34	49

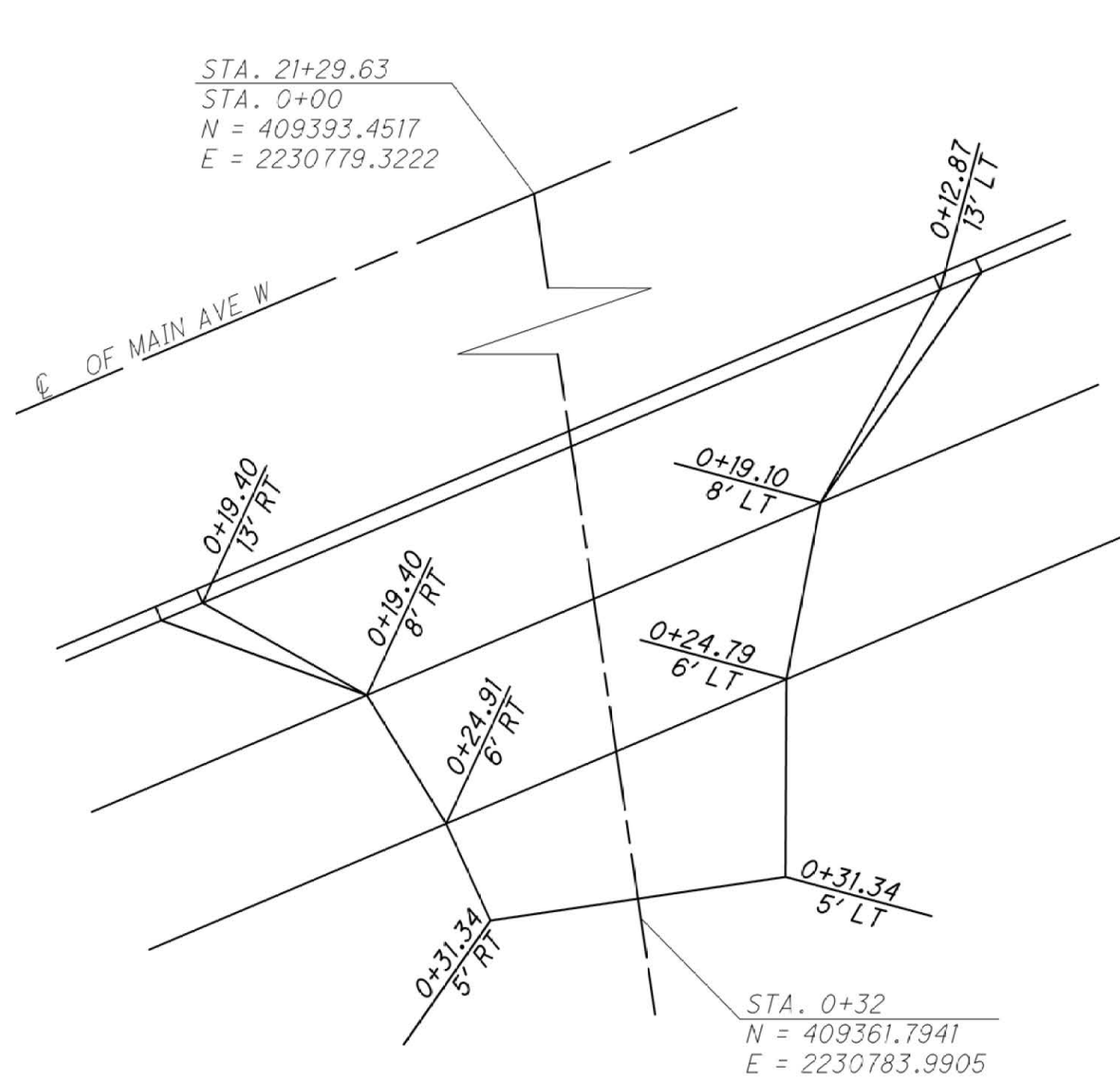


STA Main/Tremont RAB
Roundabout Detail
City of Massillon
Stark County, Ohio

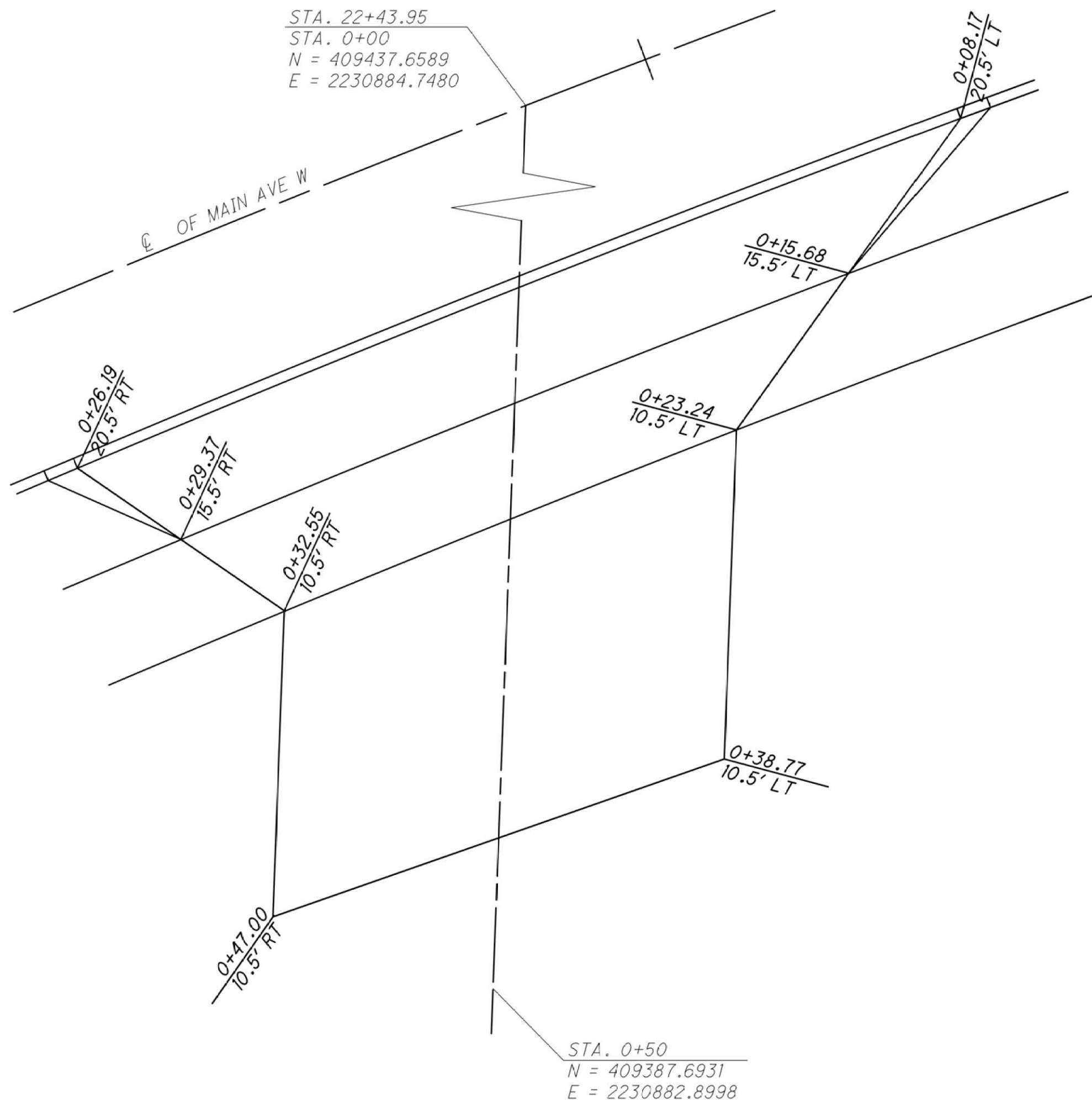
LOGO:



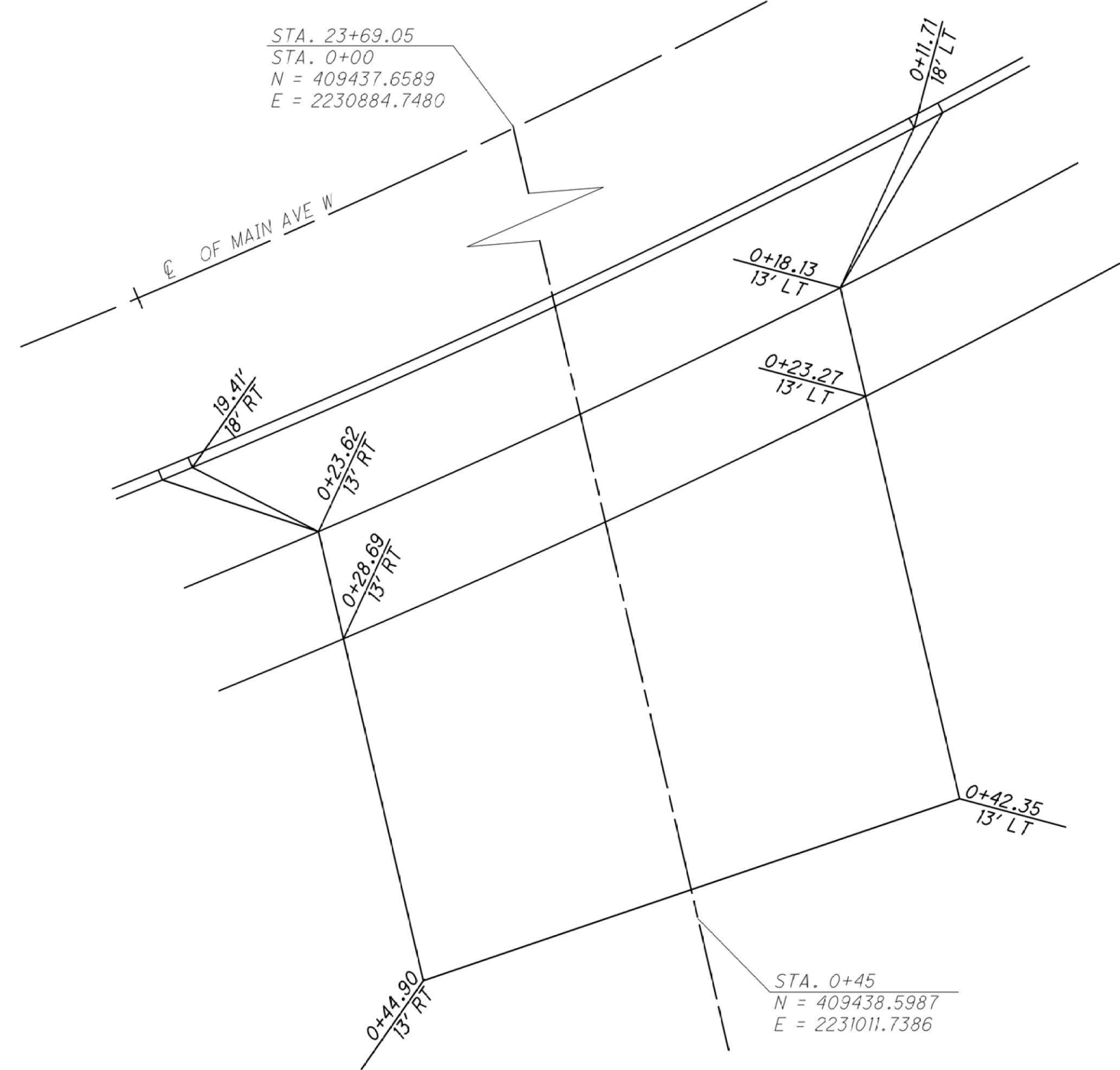
DESIGNER	FPW
REVIEWER / DATE	AP 7/2025
PROJECT ID	00st08 / 120493
SHT NO.	TOTAL
35	49



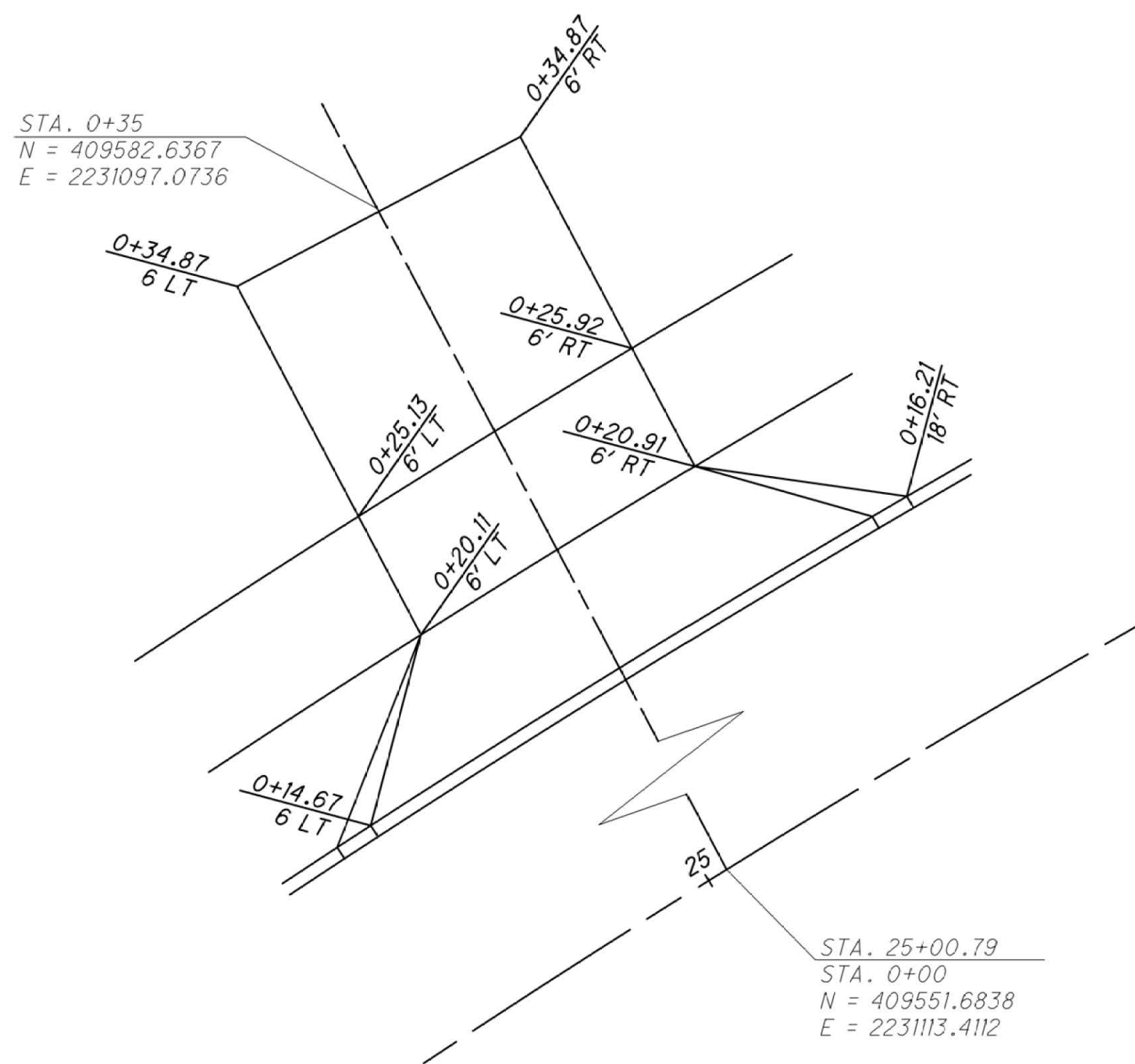
DR-1 Sta. 21+29.63 Main Ave W



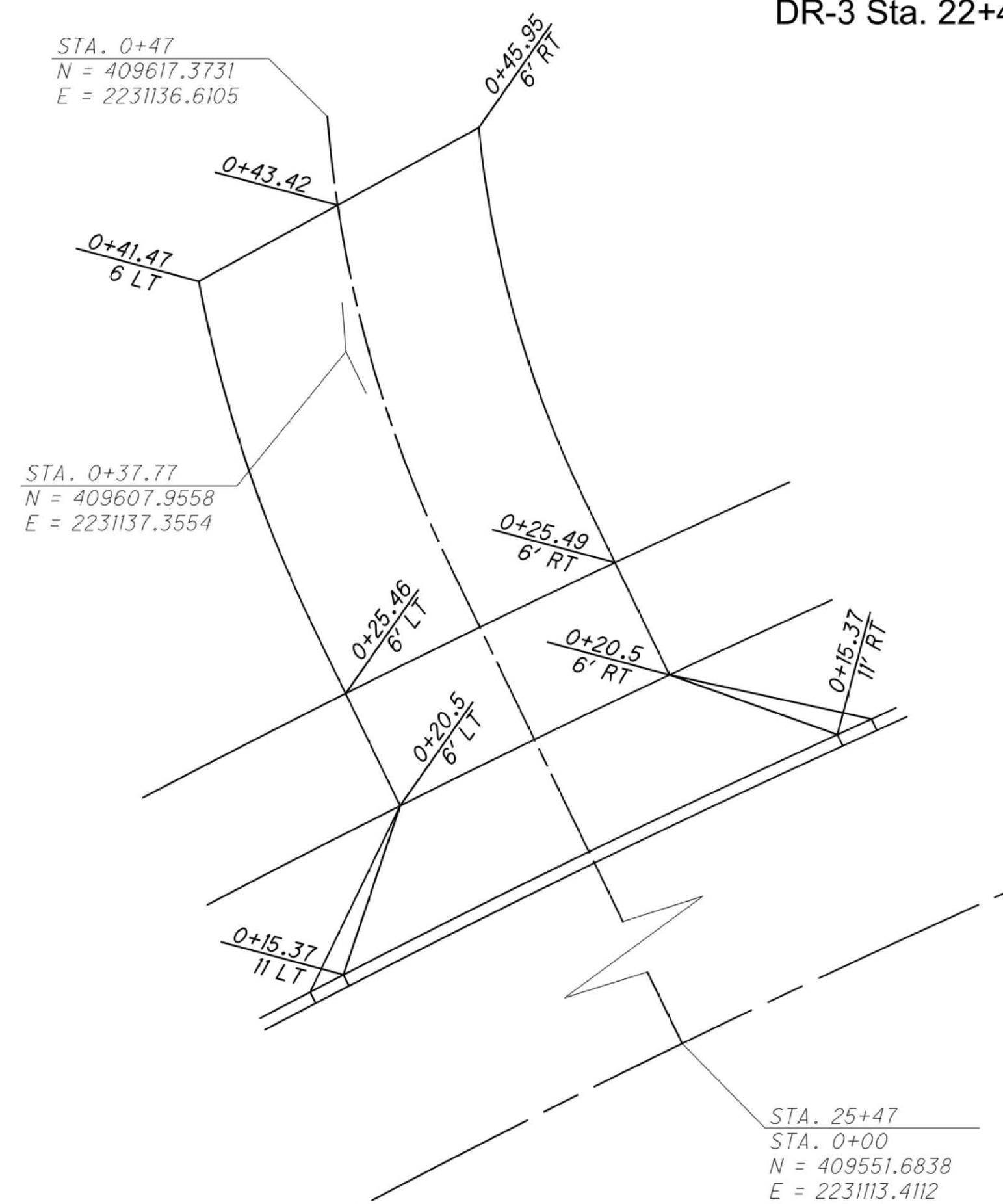
DR-2 Sta. 22+43.95 Main Ave W



DR-3 Sta. 22+43.95 Main Ave W



DR-8 Sta. 25+00.79 Main Ave W



DR-9 Sta. 25+47 Main Ave W



STA Main/Tremont RAB
Driveway Details
City of Massillon
Stark County, Ohio

COMPANY



DESIGNER

FW

REVIEWER / DATE

AP 7/2025

PROJECT ID

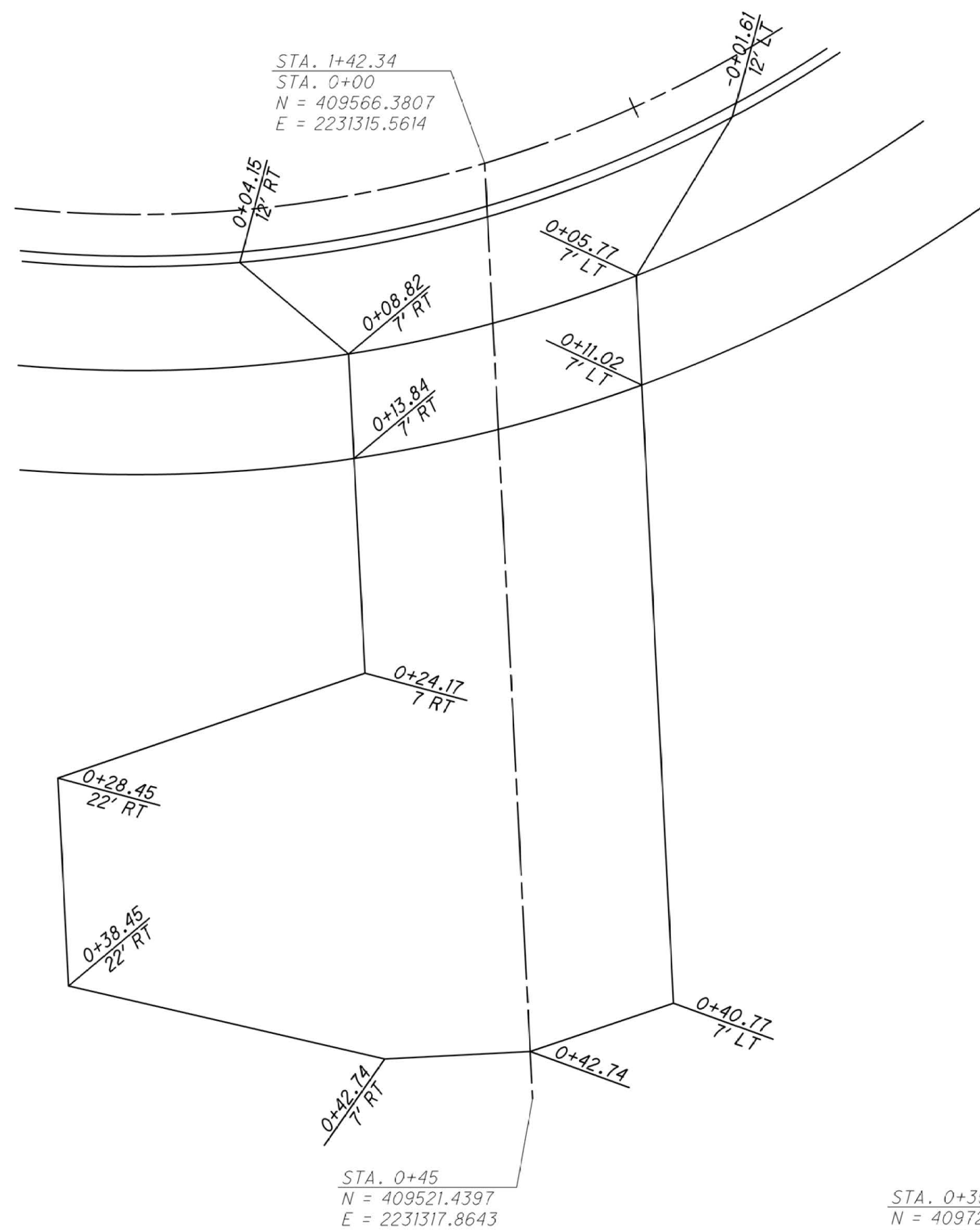
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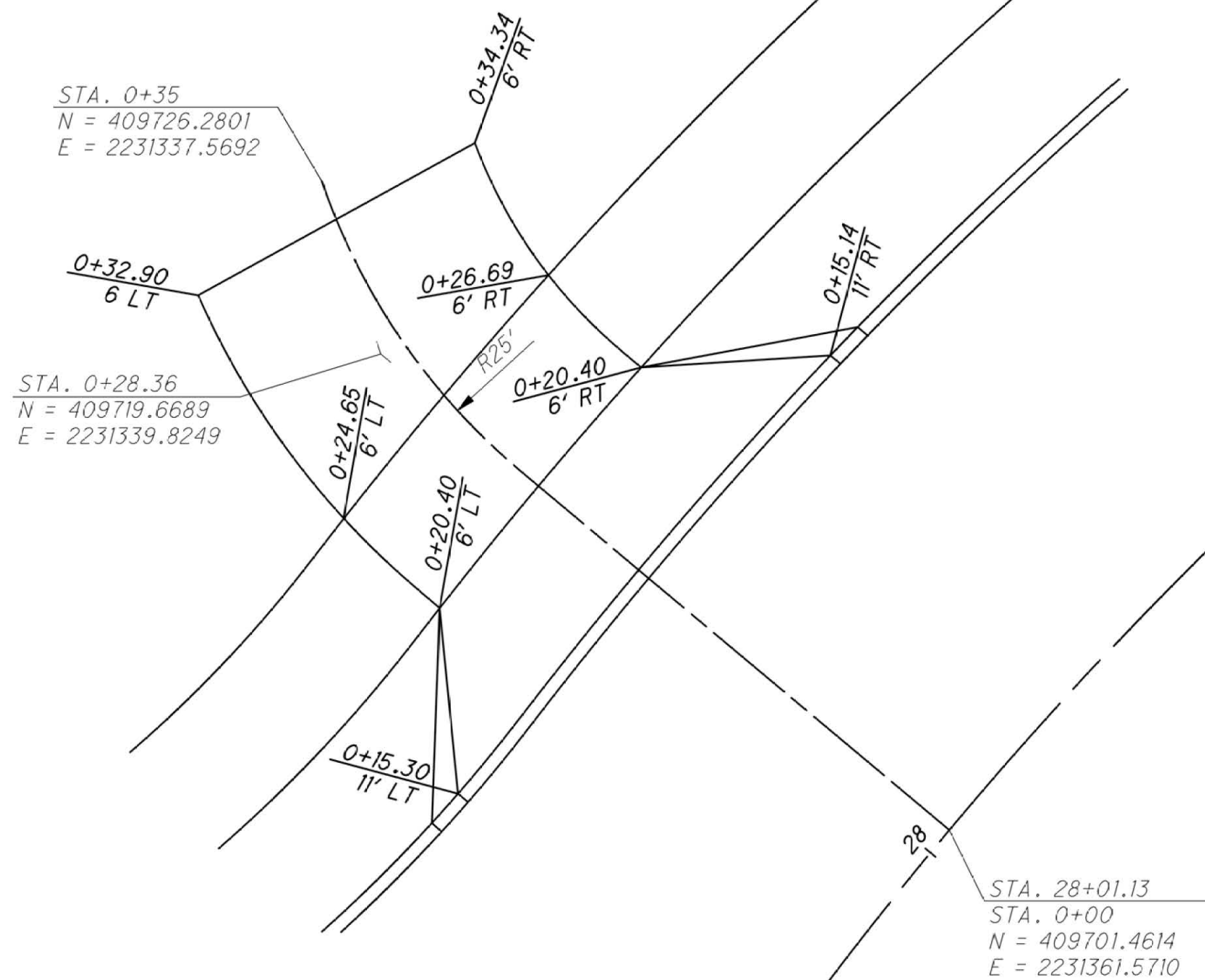
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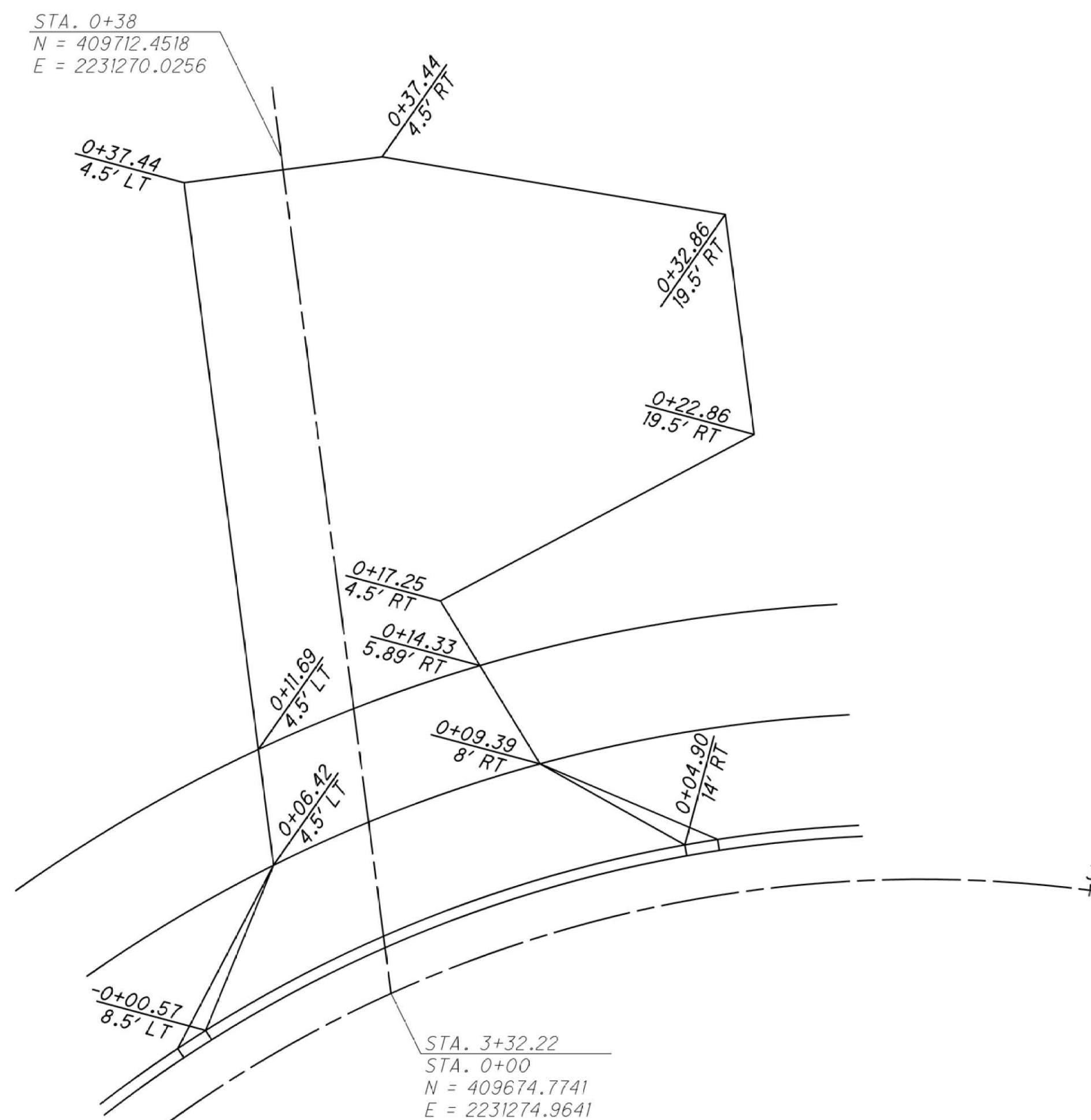
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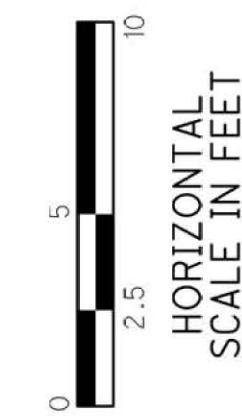
DR-7 Sta. 1+42.34 Roundabout



DR-11 Sta. 28+01.13 Main Ave W



DR-10 Sta. 3+32.22 Roundabout



STA Main/Tremont RAB

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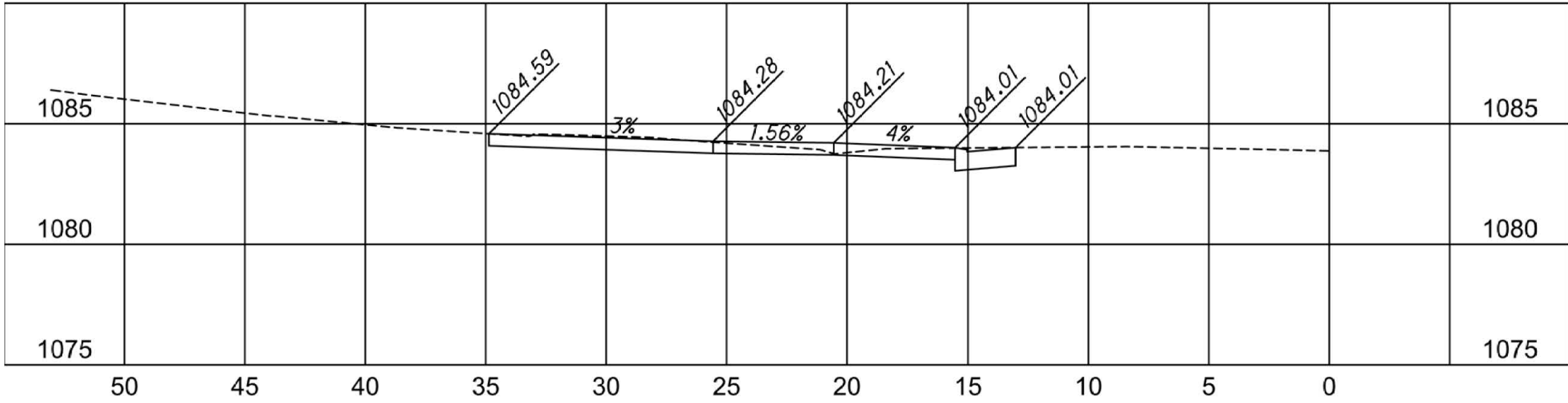
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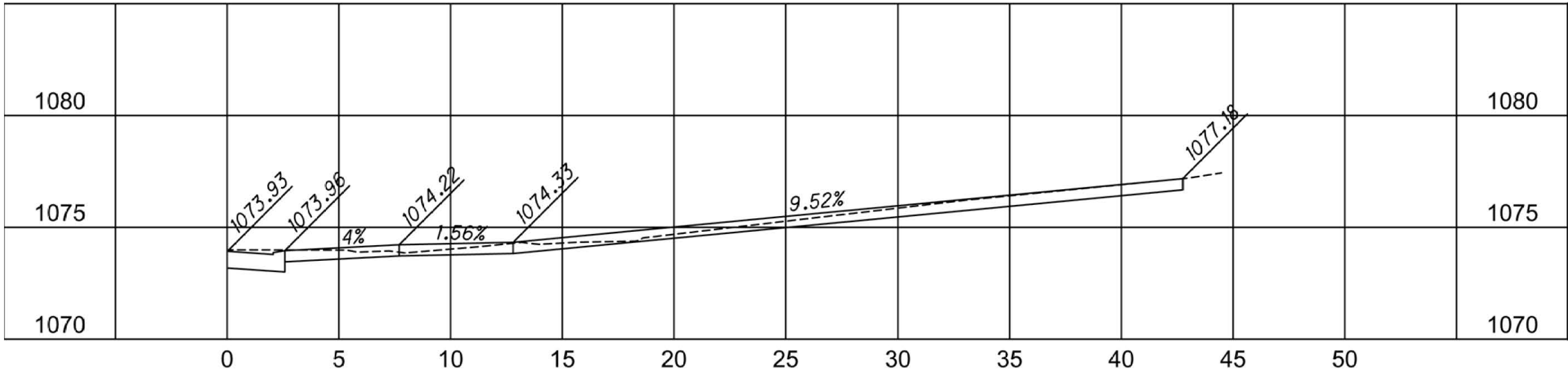
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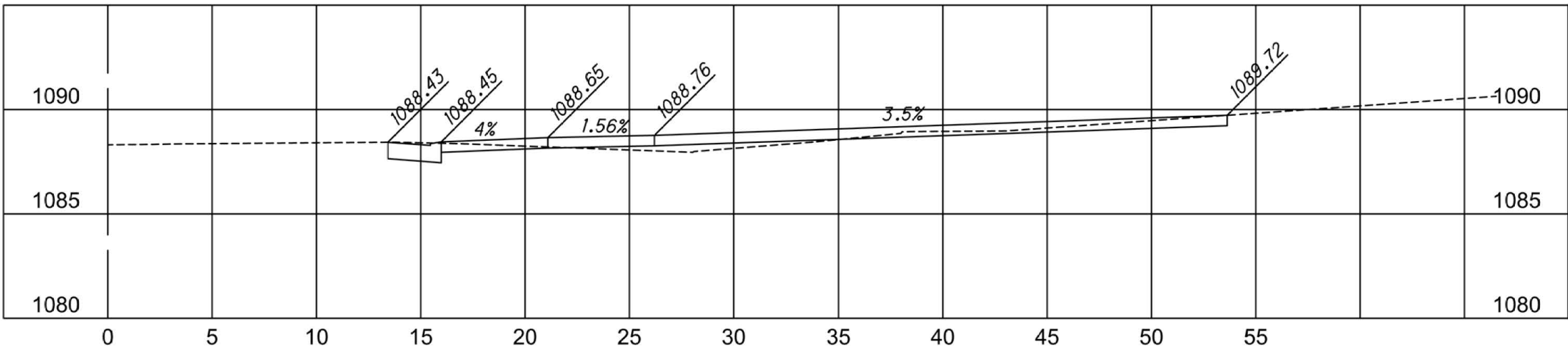
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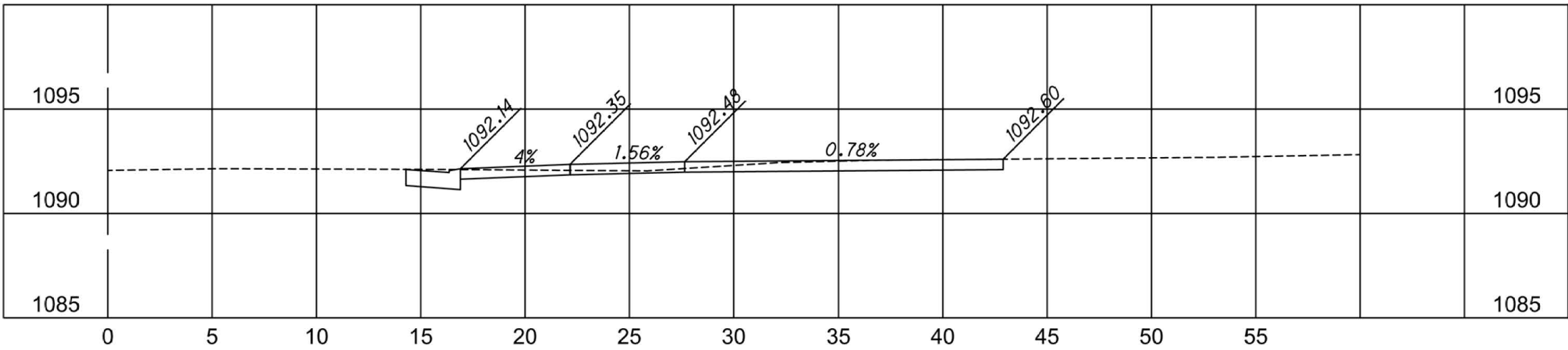
DR-8 Sta. 25+00.79 Main Ave W



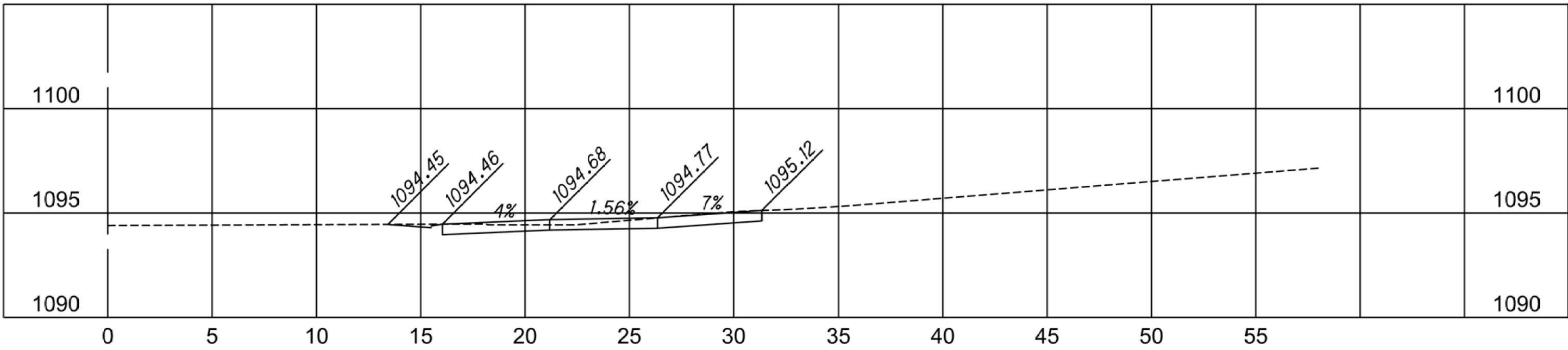
DR-7 Sta. 1+42.34 Roundabout



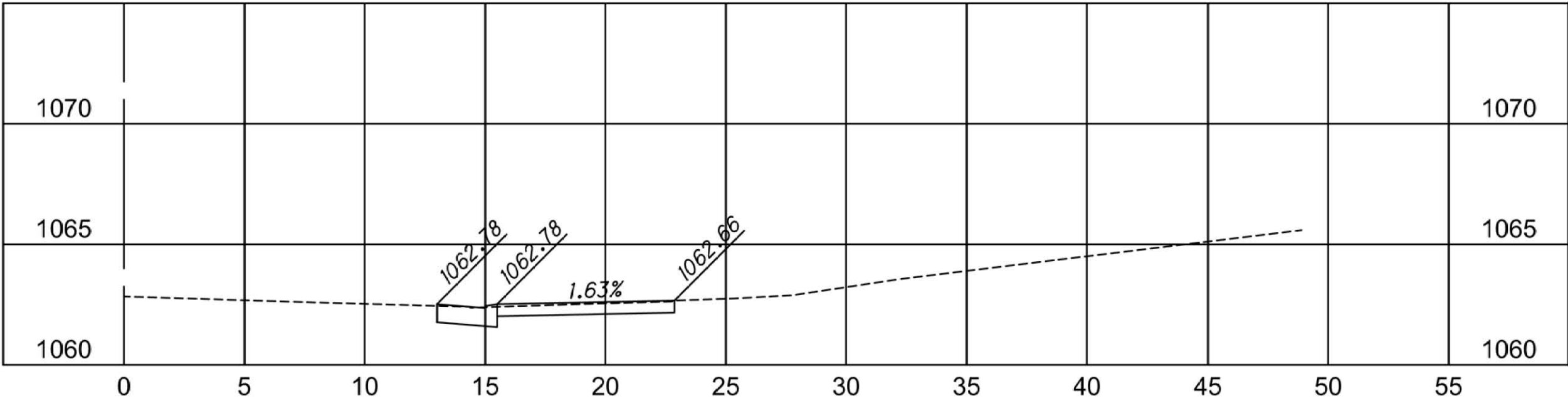
DR-3 Sta. 13+50



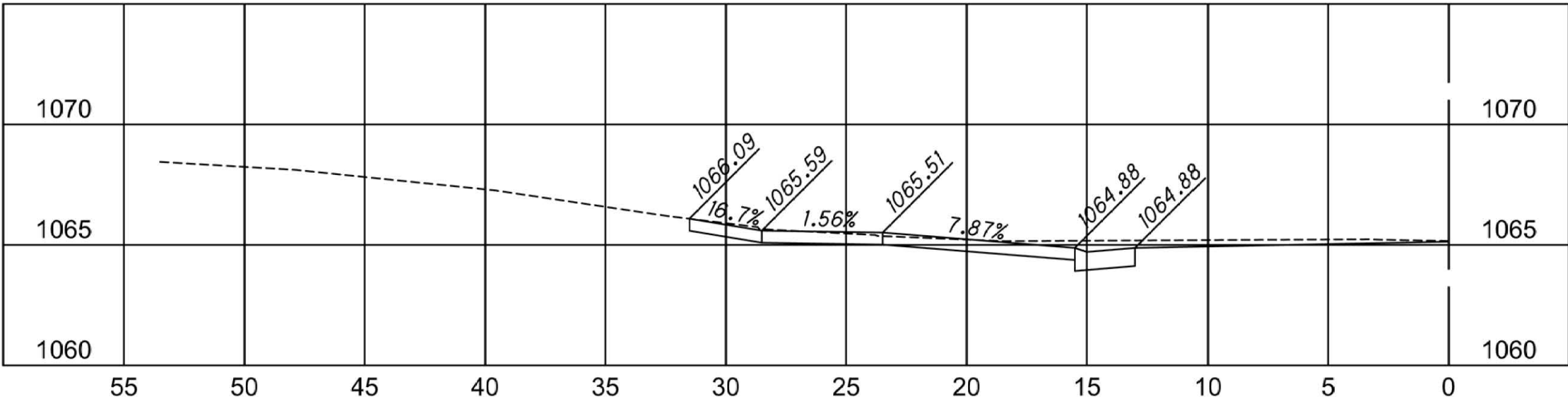
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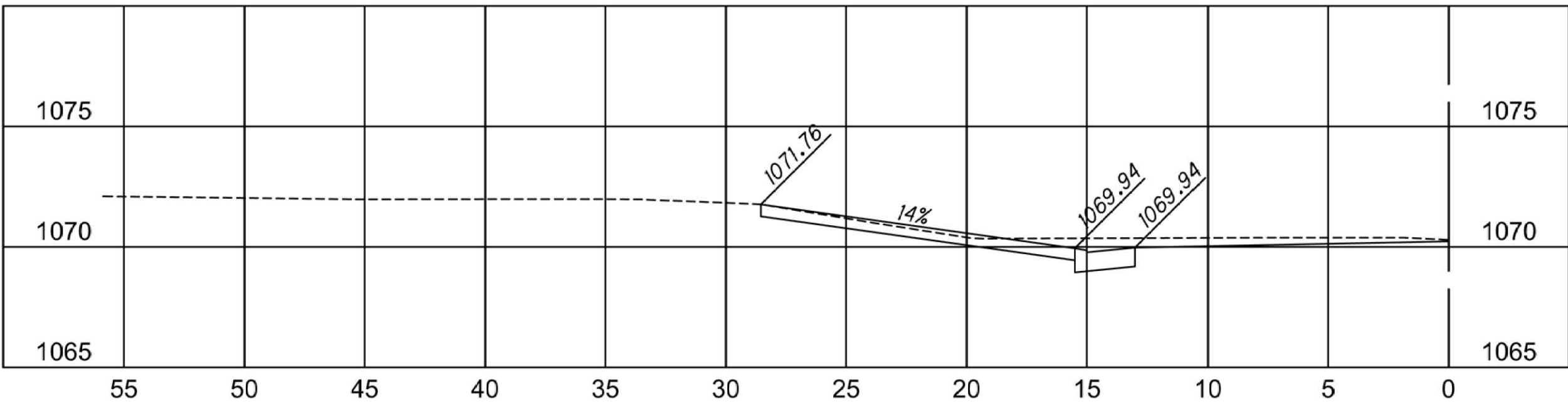
DR-1 Sta.



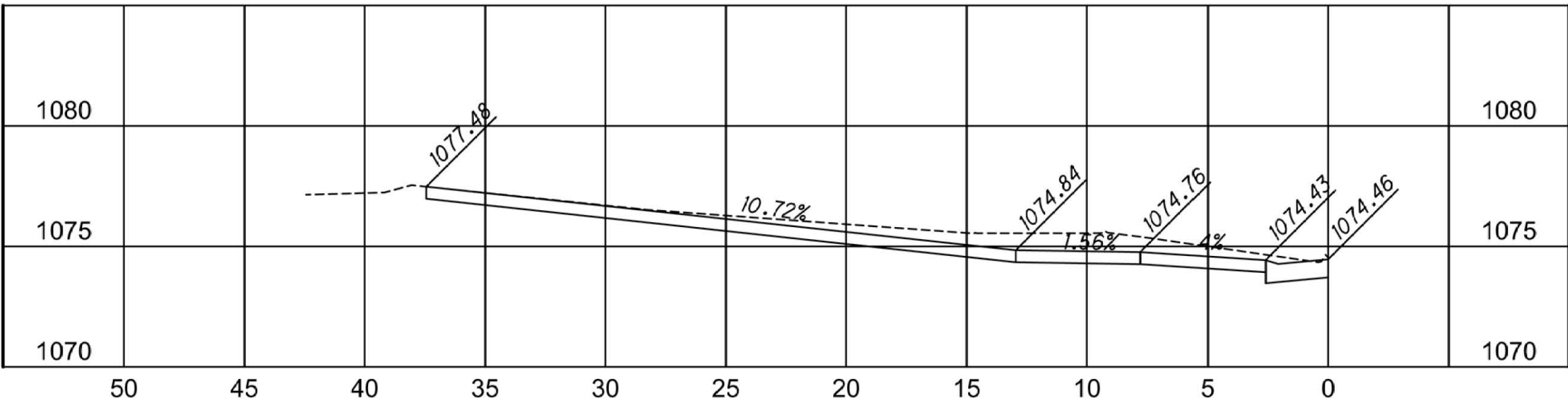
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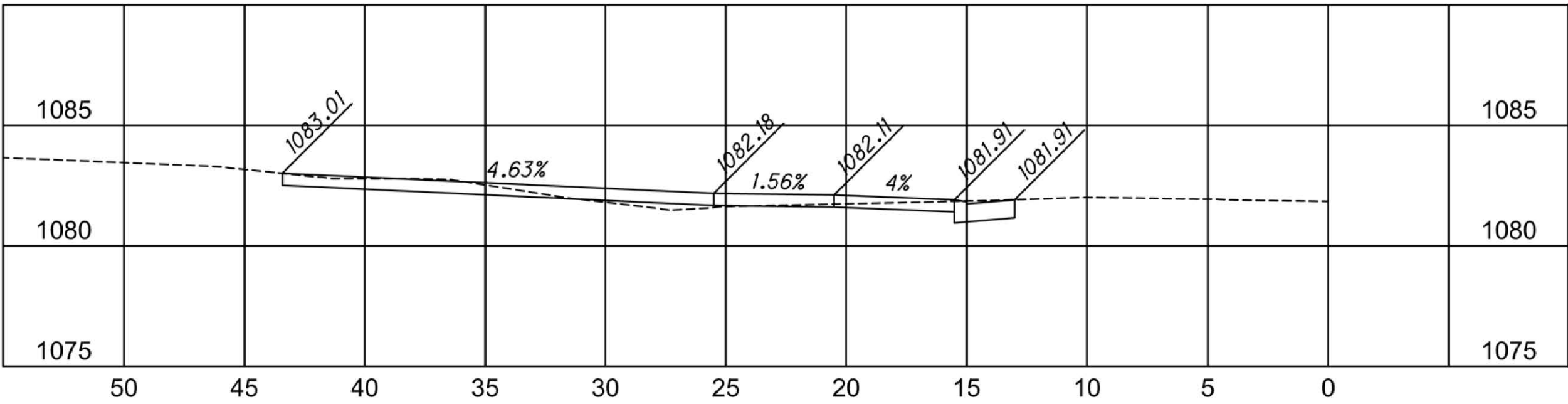
DR-12 Sta. 12+01 Tremont Ave NW



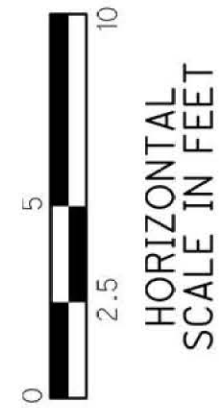
DR-11 Sta. 28+01.13 Main Ave W



DR-10 Sta. 3+32.22 Roundabout

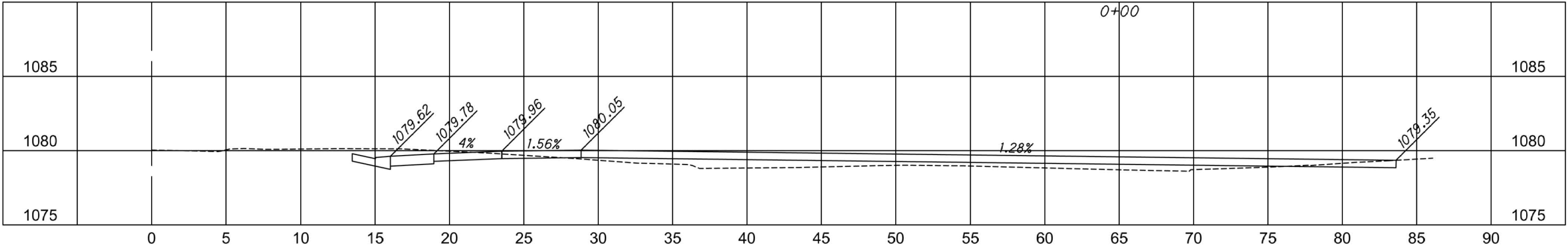
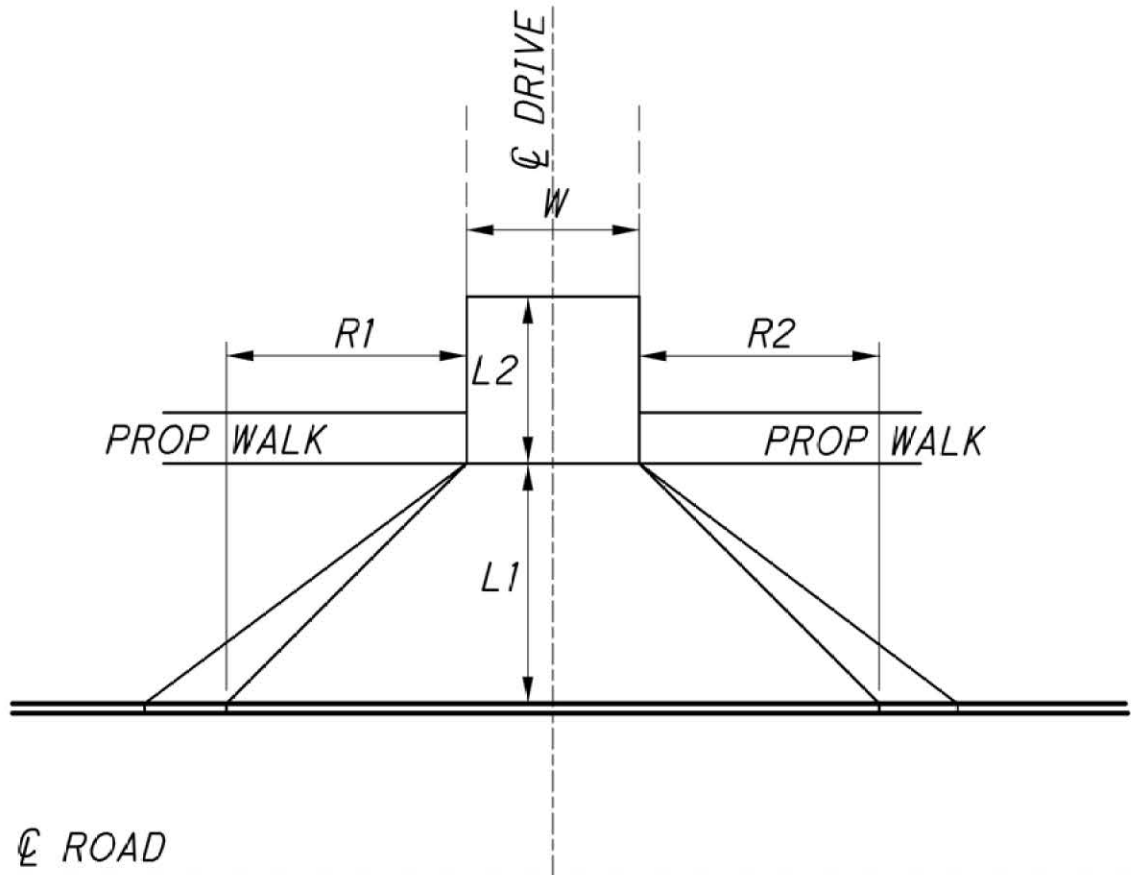


DR-9 Sta. 25+47 Main Ave W

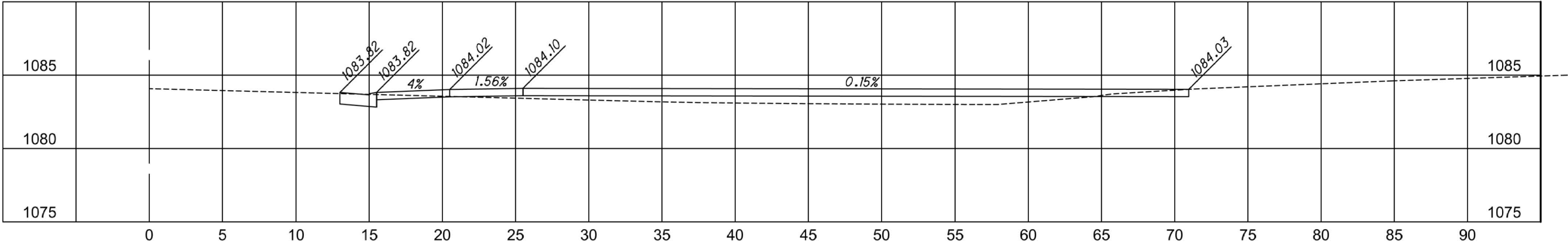


SHEET NO.	REFERENCE NO.	STATION	SIDE	DRIVE TYPE	DRIVE ANGLE	APRON LENGTH "L1"	DRIVEWAY LENGTH "L2"	WIDTH "W"			CADD GENERATED SURFACE AREA	452	
					DEG.	FT.	FT.	FT.			SQ. FT.	S. Y.	
11	DR-1	21+29.63	RT.	1	104°36'08"	5.13	10.17	10-16			243.24	27.1	
11	DR-2	22+43.95	RT.	1	113°19'50"	5.46	20.52	21			661.87	73.6	
11	DR-3	23+69.03	RT	1	102°31'47"	5.11	22.54	26			753.76	83.8	
12	DR-4	24+35	RT	1	90°00'00"	5	37.37	12			540.96	60.1	
12	DR-5	24+95	RT	1	90°00'00"	5	50.46	12			697.29	77.5	
12	DR-6	25+84.08	RT	1	80°12'40"	4.57	60.10	14			926.39	103.0	
12	DR-7	1+42.34	RT	1	103°48'32"	5.12	35.04	14			797.04	88.6	
12	DR-8	25+00.79	LT	1	86°01'16"	5.01	14.32	12			264.61	29.4	
12	DR-9	25+47	LT	1	90°00'00"	5	22.93	12			368.41	41.0	
12	DR-10	3+32.22	RT	1	106°51'13"	5.19	29.66	9			605.36	67.3	
12-13	DR-11	28+01.13	LT	1	90°00'00"	5.16	12.79	12			250.18	27.8	
14	DR-12	12+01.00	LT	1	90°00'00"	7.99	8.03	20			372.36	41.4	
14	DR-13	12+50.00	RT	1	90°00'00"	7.37		22			186.51	20.7	
TOTALS CARRIED TO GENERAL SUMMARY												741.3	

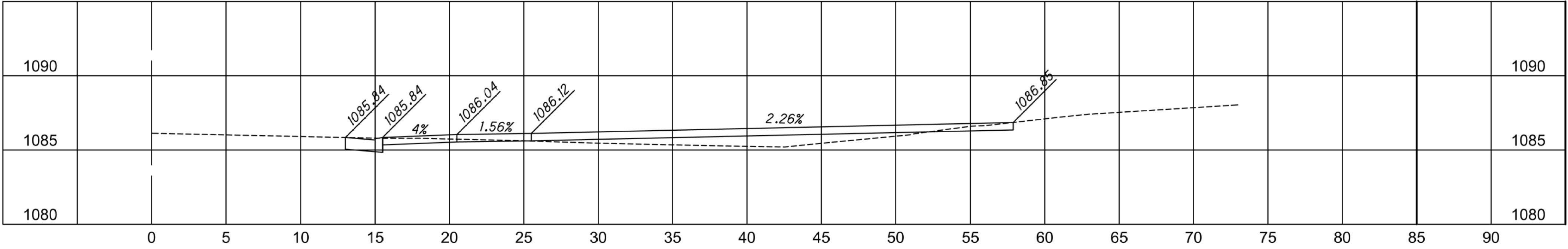
TYPE 1 DRIVEWAY PLAN VIEW (TYPICAL)



DR-6 Sta. 25+84.08 Main Ave W



DR-5 Sta. 24+95 Main Ave W



DR-4 Sta. 24+35 Main Ave W

02.510HORIZONTALSCALE IN FEET

STA Main/Tremont RAB

Driveway Profiles
City of Massillon
Stark County, Ohio

COMPANY

DESIGNER

FW

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AP 7/2025

PROJECT ID

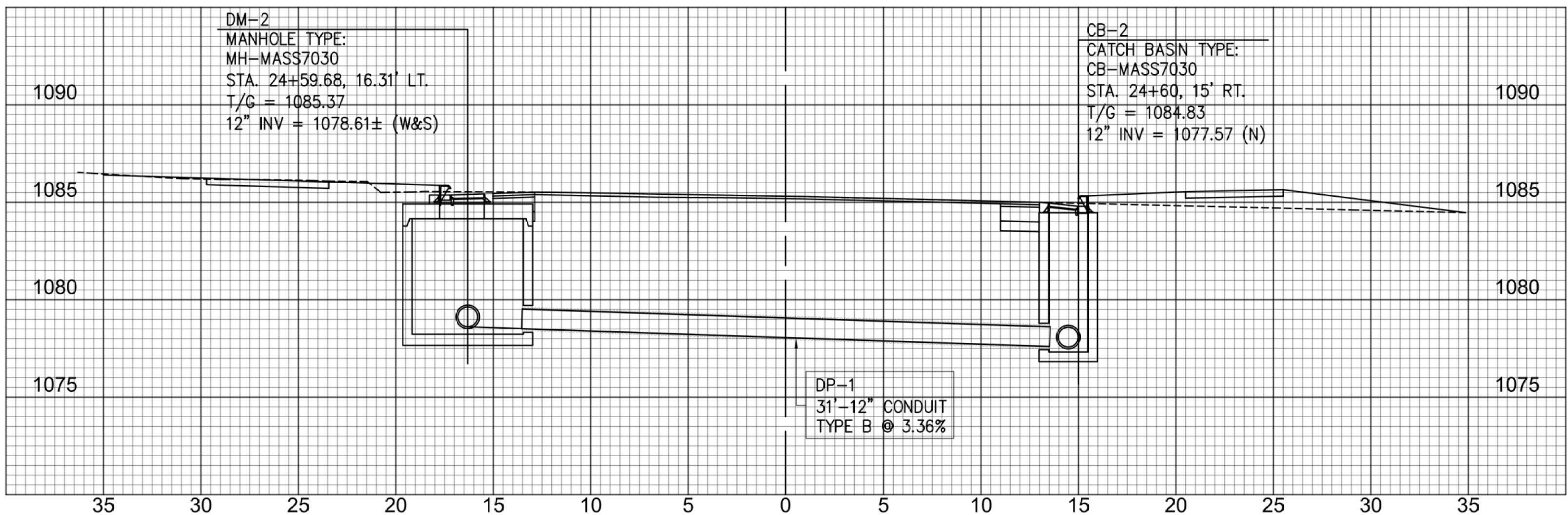
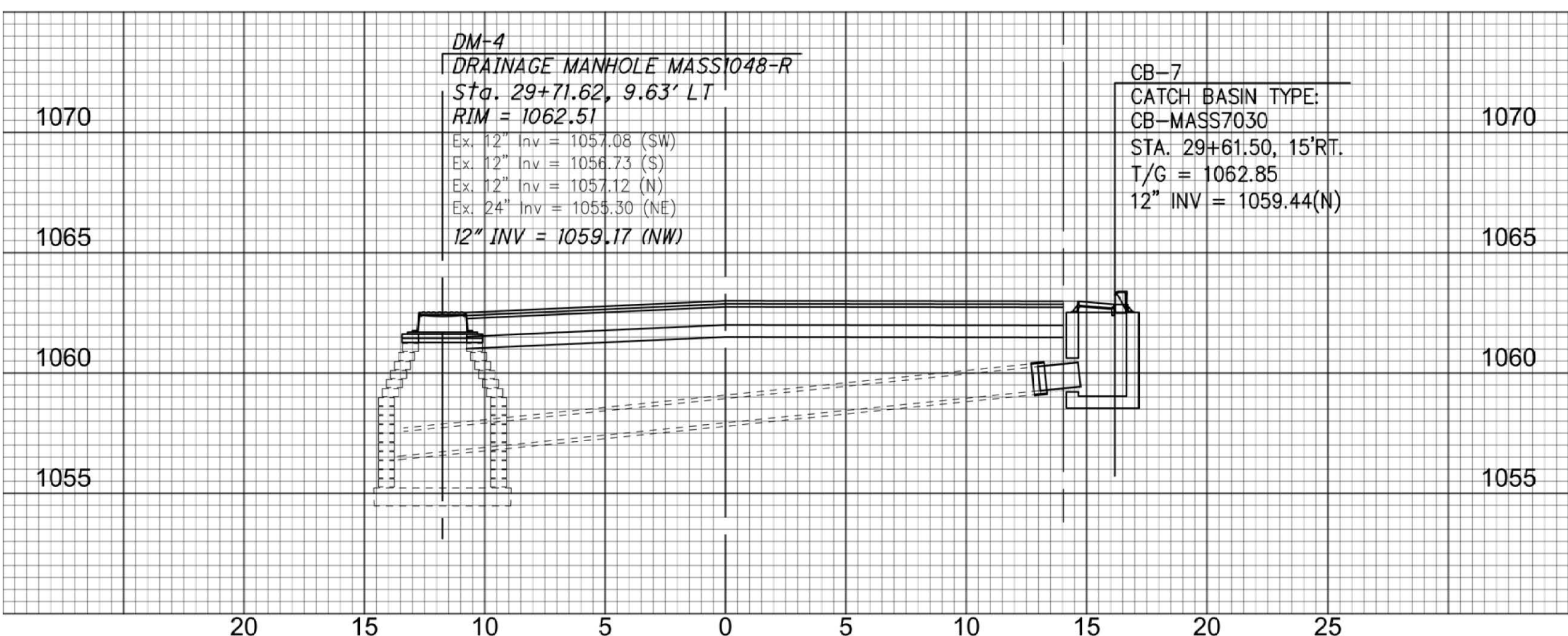
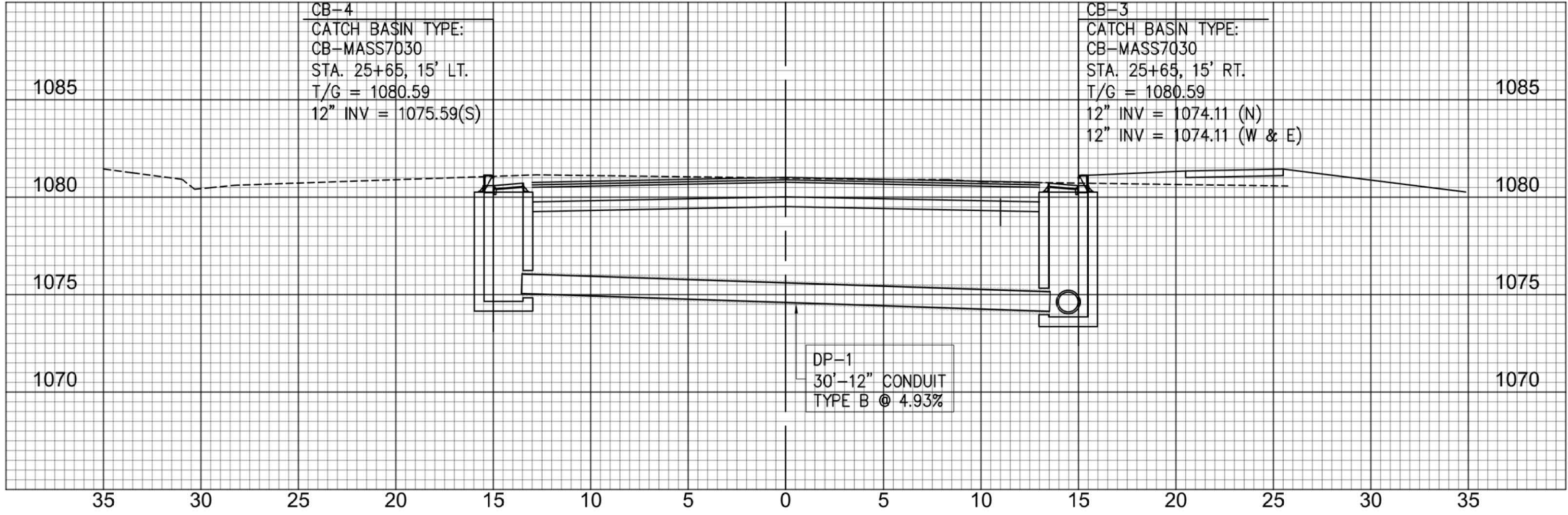
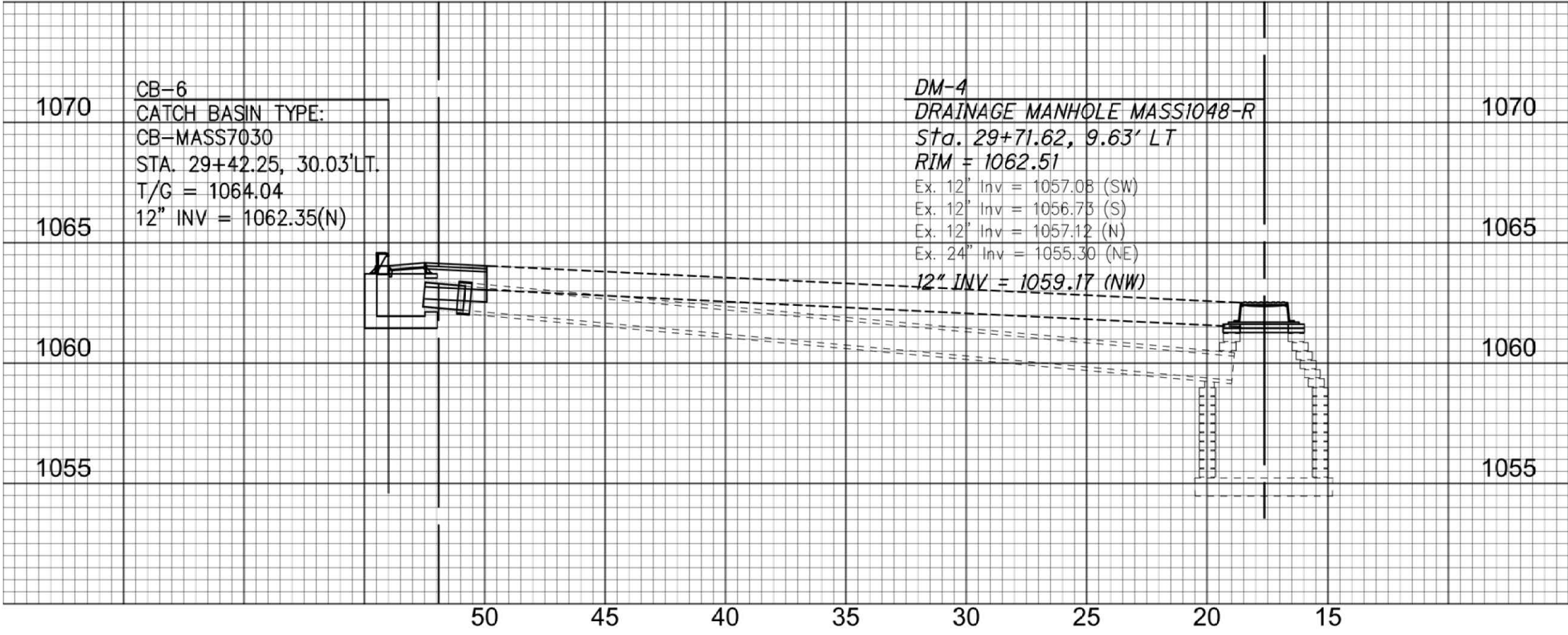
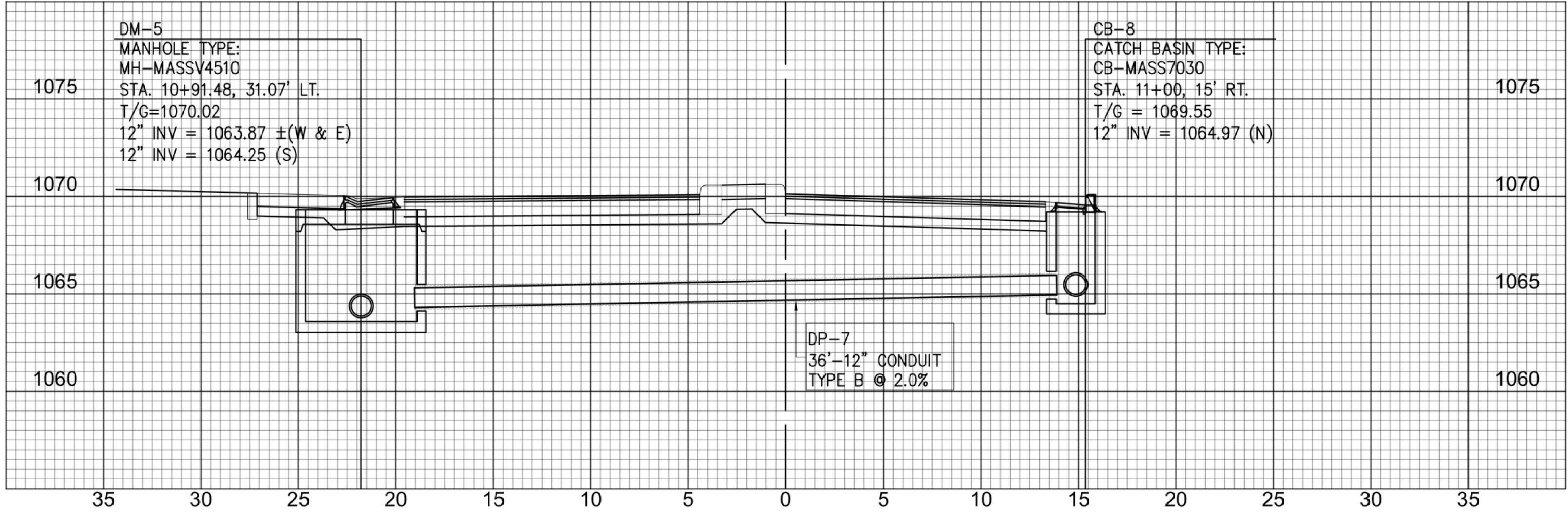
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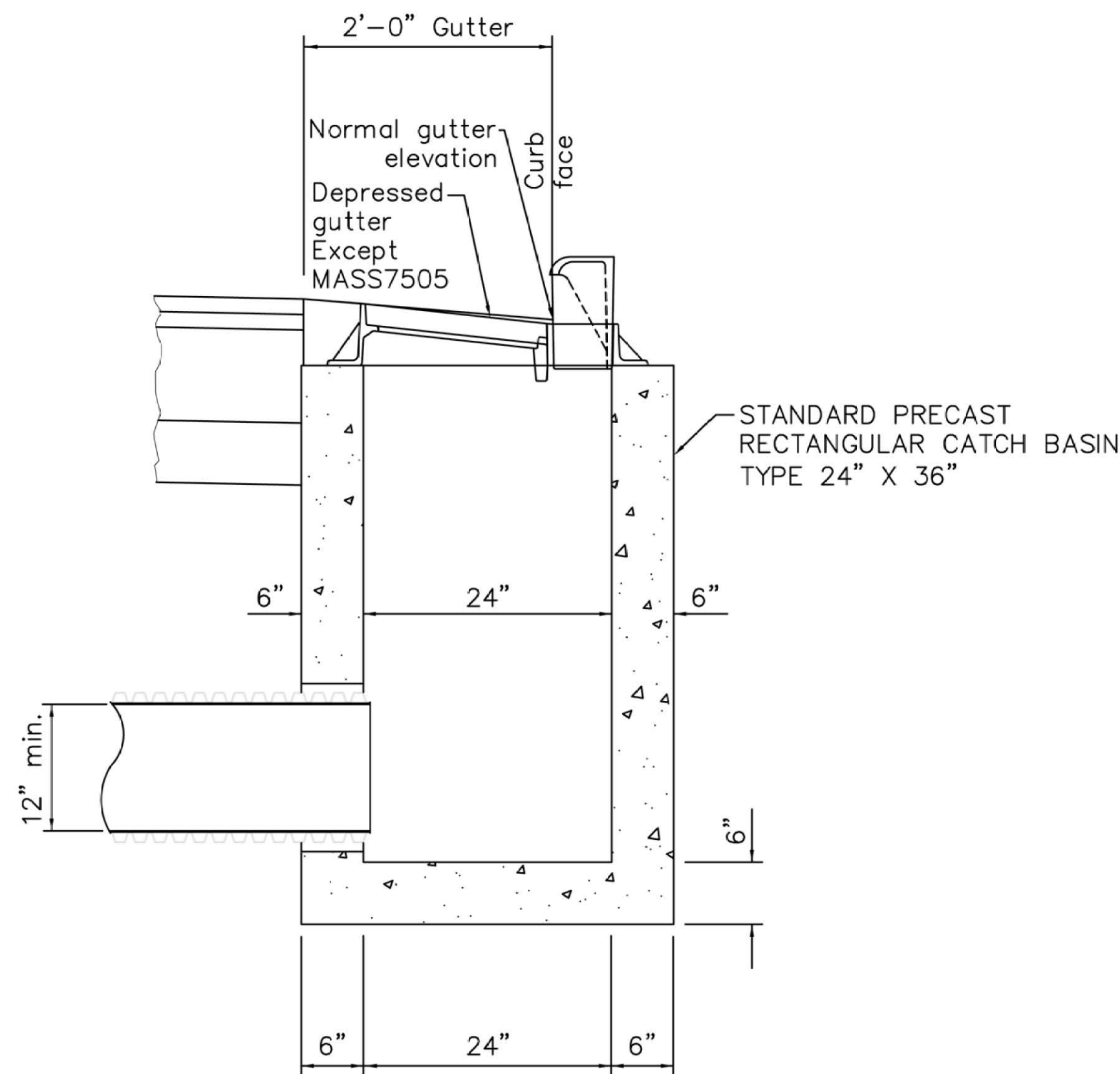
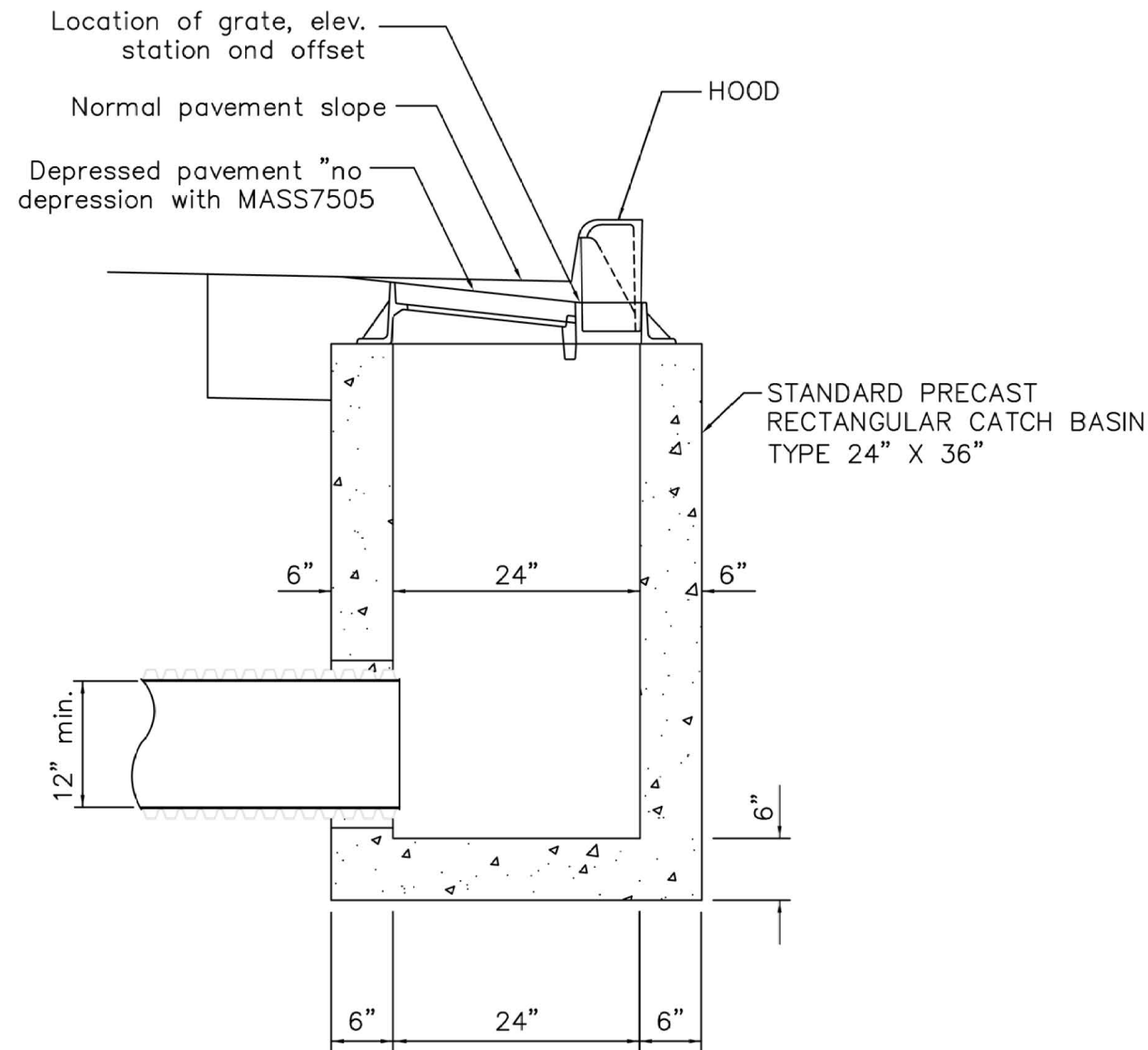
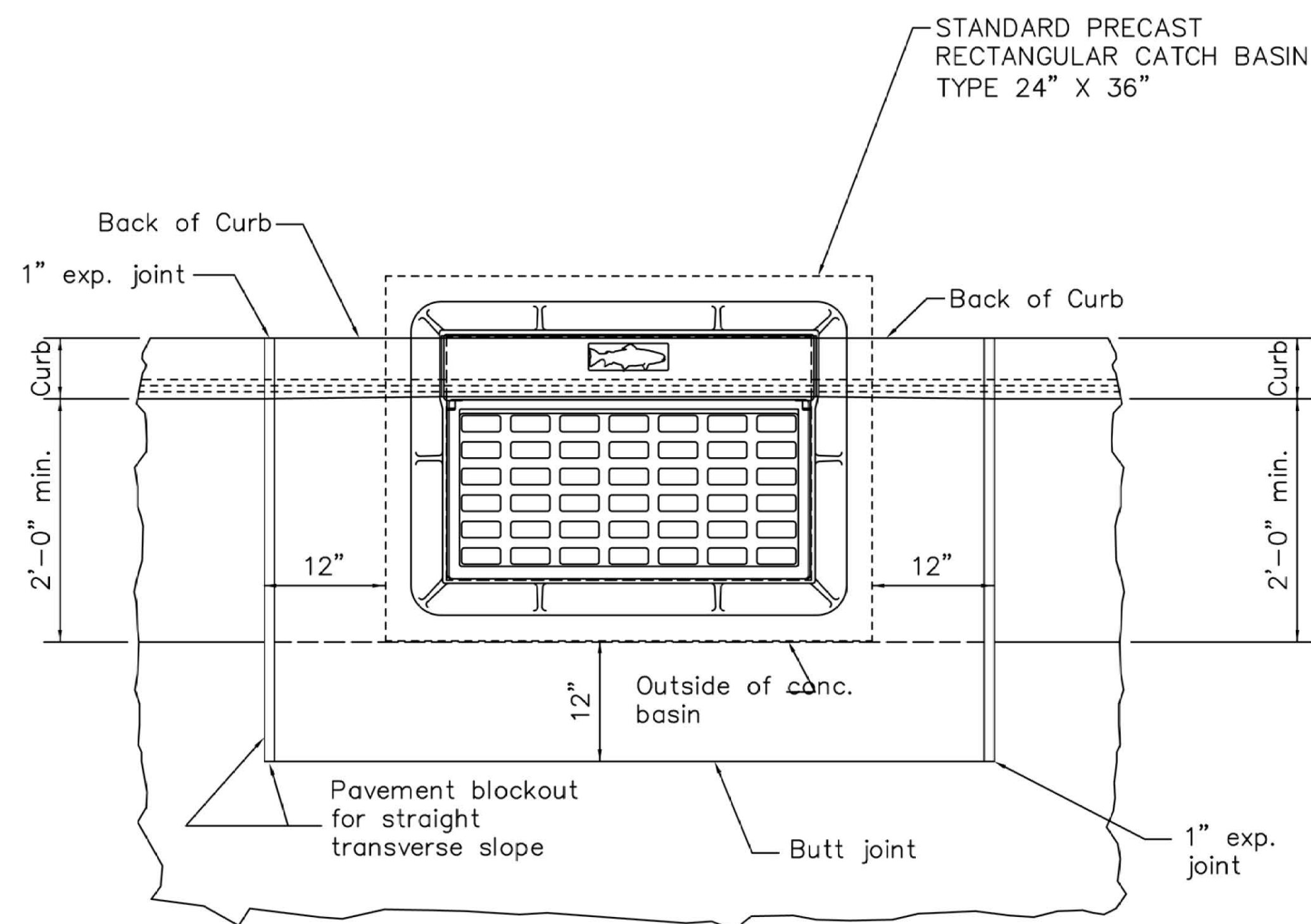
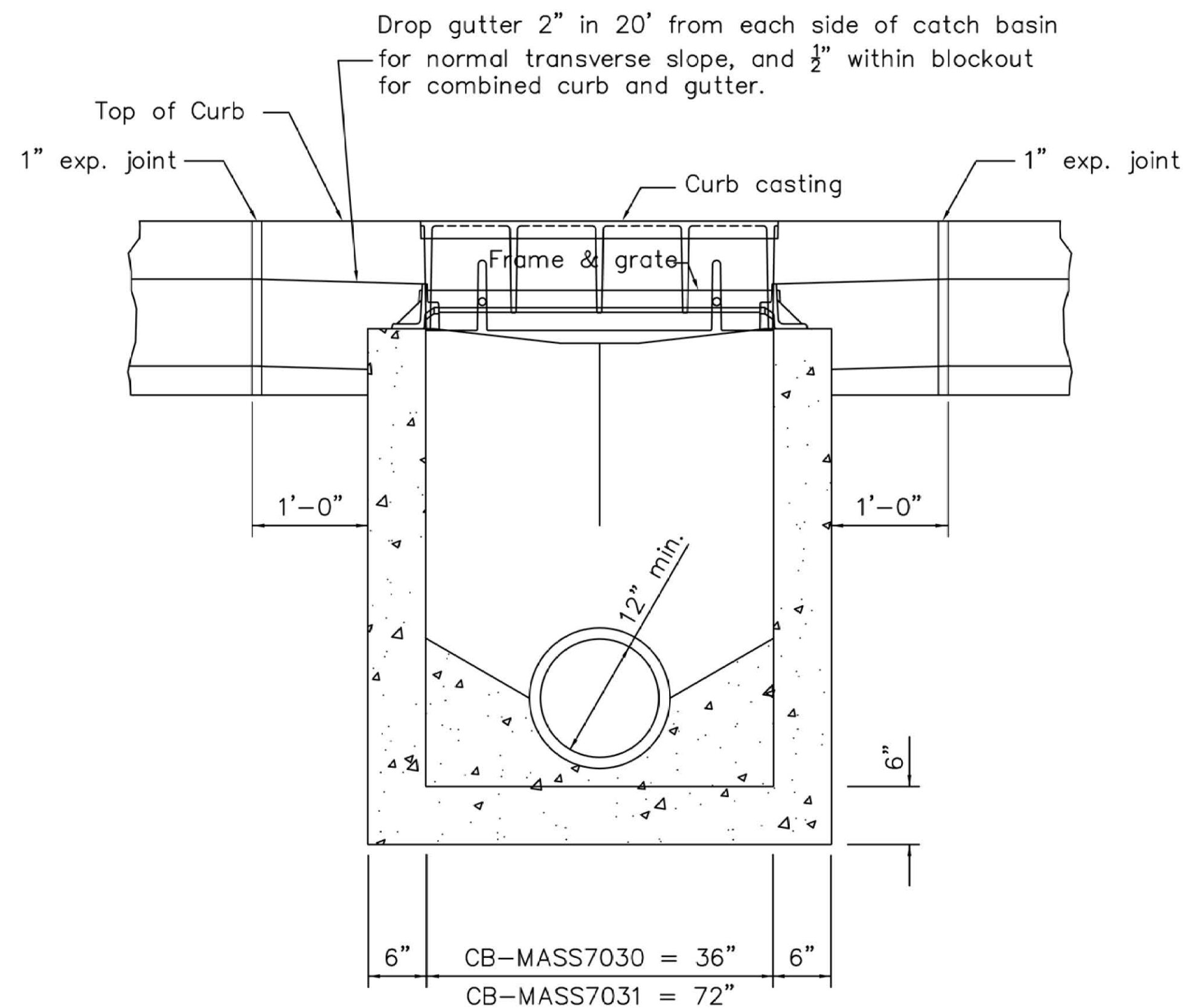
SHEET

40

SHEET

49





GRATES: Two required. For details, see EJ 7030Z. provide Grate M2 unless the plans specifically require the bicycle safety grate.

CASTINGS: Provide a design essentially the same and equally as strong as the the one shown. Below is a list of approved EJ

Frame = 7030 Z, 7031 Z, 7505
 Grate = 7030 M2, 7505
 = 7030 M3 for bicycle safety
 Hood = 7030 T1, 7505
 = 7030 T3 for drop curb areas

BEARING AREAS: Fit and finish the frame and grate to provide a firm seat and even seat. No projections are permitted on bearing areas, and grate must seat in its frame without rocking.

PRECAST CONSTRUCTION: Meet CMS 706.13 concrete requirements. Provide precast walls at least 6" thick with sufficient reinforcing to permit shipping and placement without damage. Reduce the wall thickness from the outside.

MINIMUM DEPTH: The minimum depth is per the cover requirements for that pipe type.

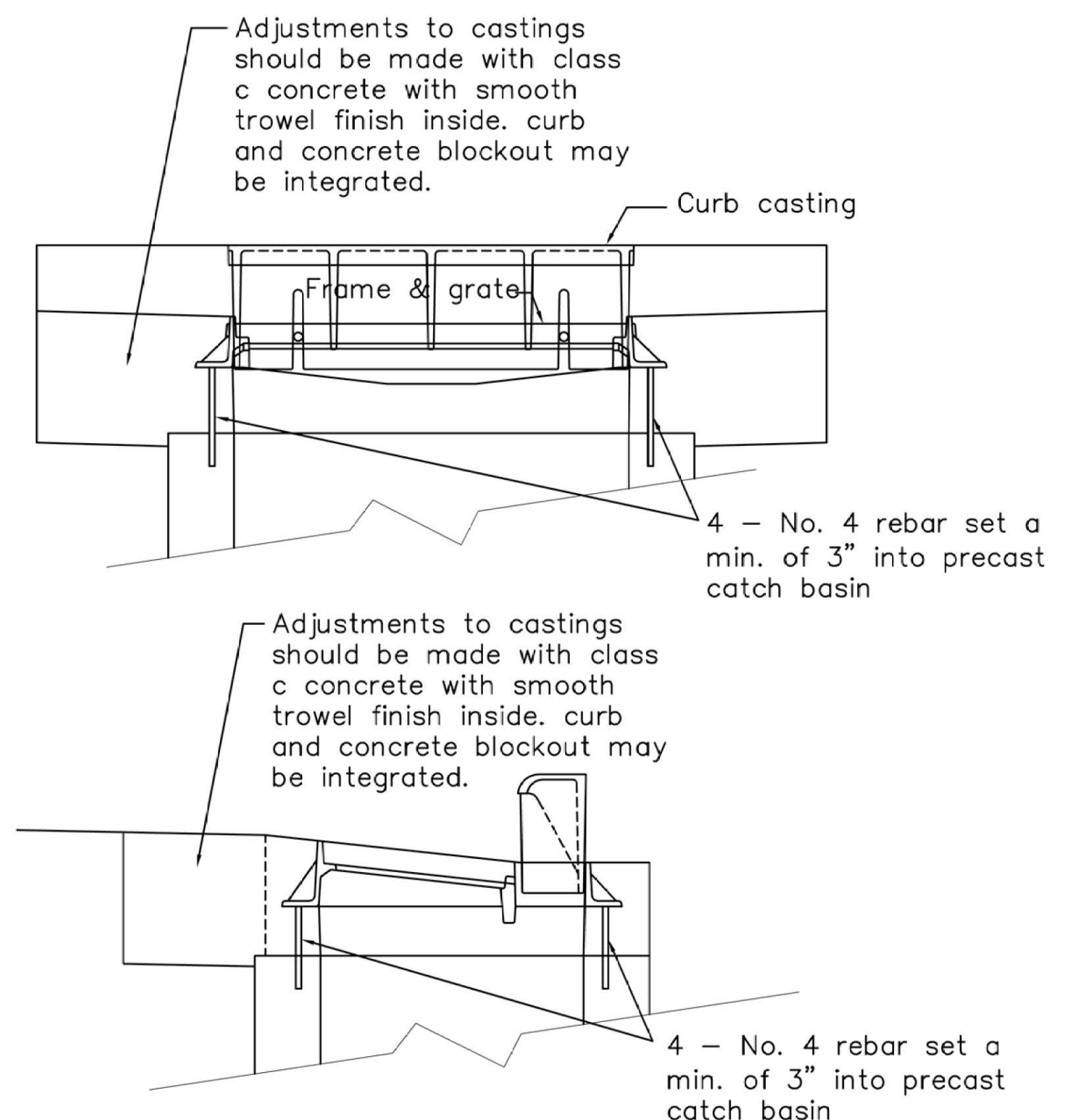
OPENINGS: Obtain the Engineer's approval for any pipe opening greater than 4" from the outside of the pipe to the structure. Fill all voids per CMS 611.

DOWELS: Furnish four 1"x18" dowels for concrete pavement or gutter blackout. See SCD BP-2.2 for dowel details.

BLOCKOUT: Pave blockouts with 4000 psi compressive strength concrete in PCC pavement or gutter. Blockouts are paid for as part of the catch basin quantities because of the castings. Cast a 4000 psi compressive strength concrete apron, the size of the 2'-0" gutter blackout, in place in asphalt pavement (no dowels required) with the cost included in the catch basin bid price. No deduction is made in curb quantities.

PAYMENT: All materials and labor, including excavation and backfilling, are paid for under Item 611Spec - Catch Basin, Mass7030.

ADJUSTMENT: No brick shall be used to adjust castings height. See Adjustment detail this sheet.



CASTING ADJUSTMENT

0 2 4 6
 HORIZONTAL
 SCALE IN FEET

STA Main/Tremont RAB

Drainage Details
 City of Massillon
 Stark County, Ohio

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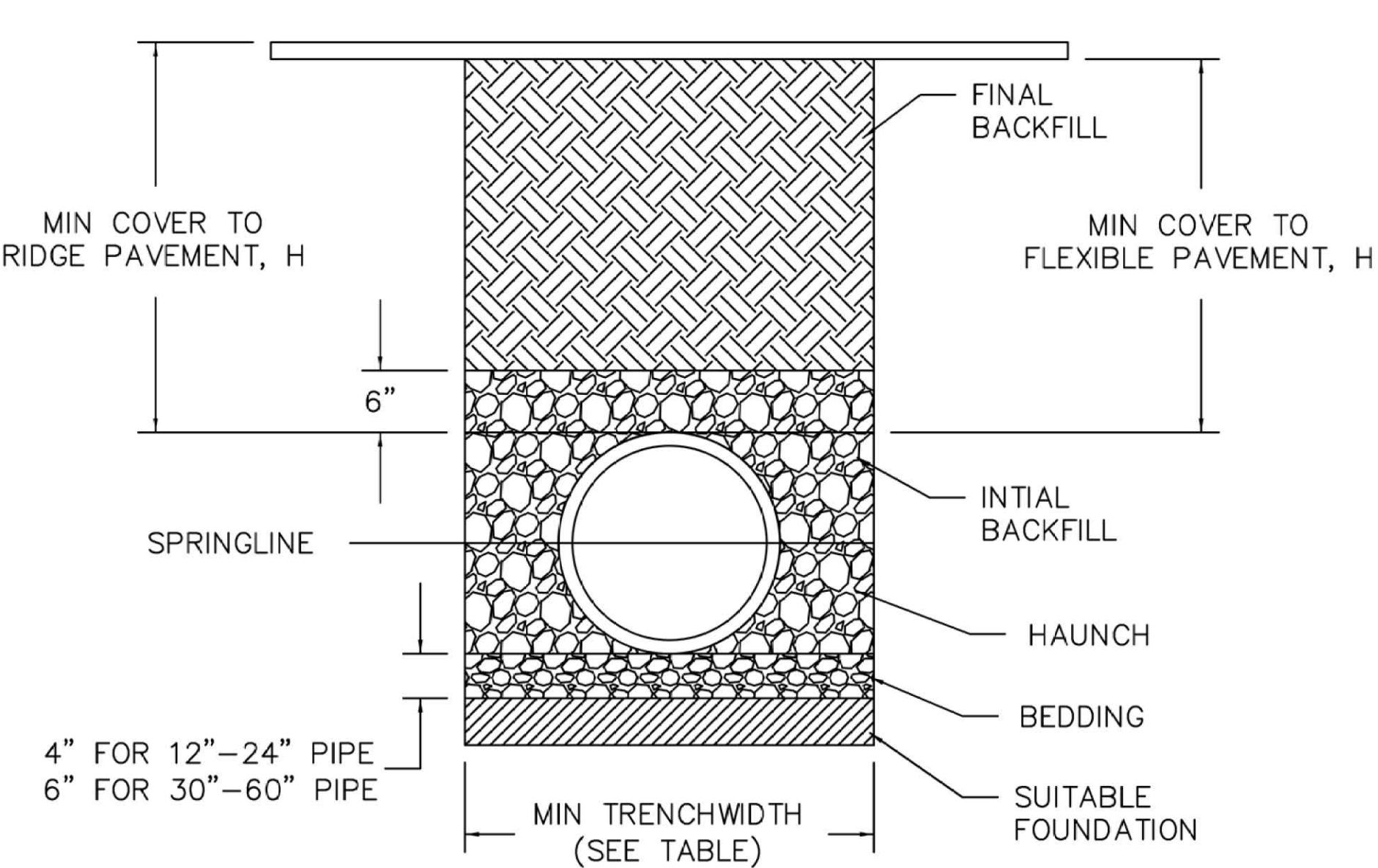
FW 3/6/2025

PROJECT ID

22ST08 / 120493

SHEET

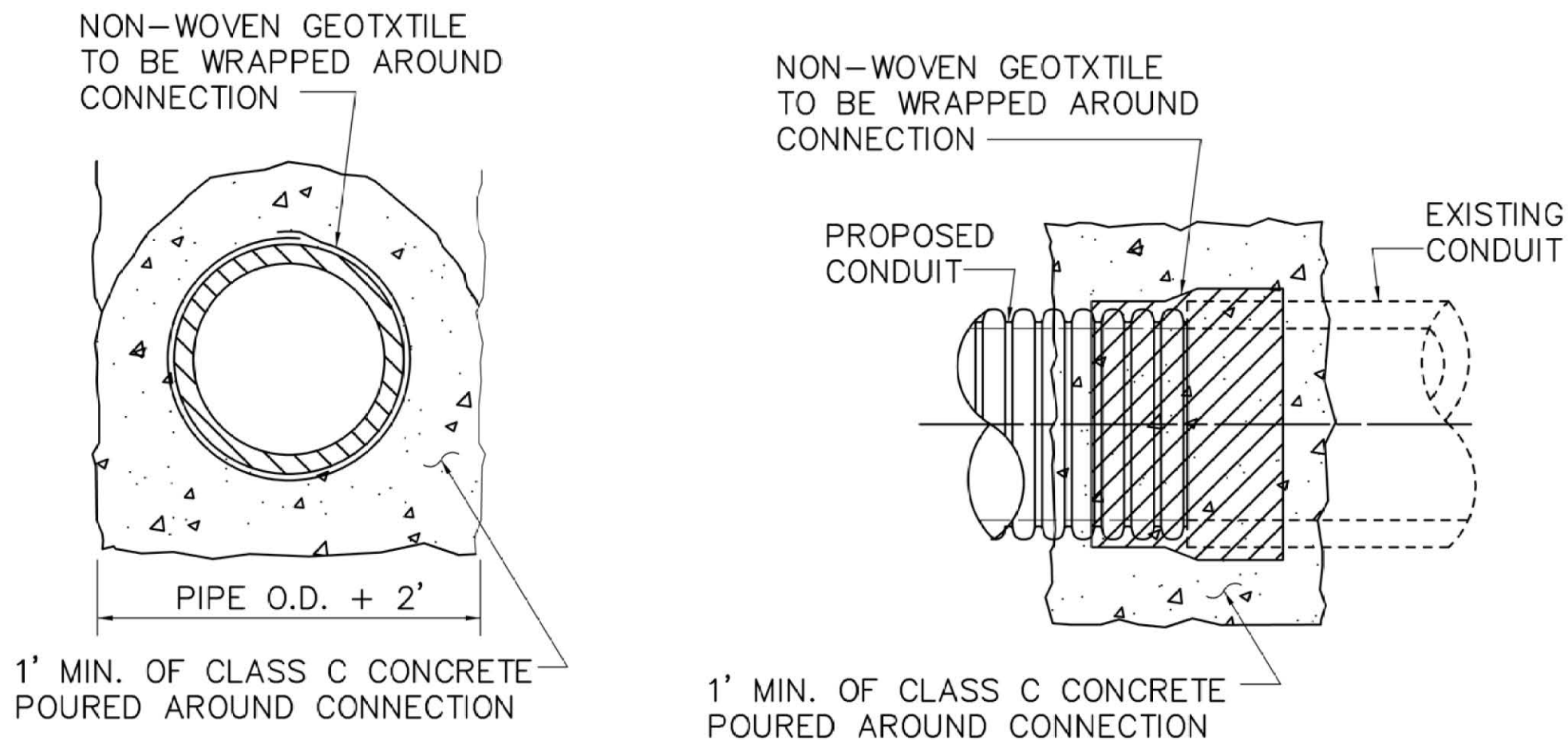
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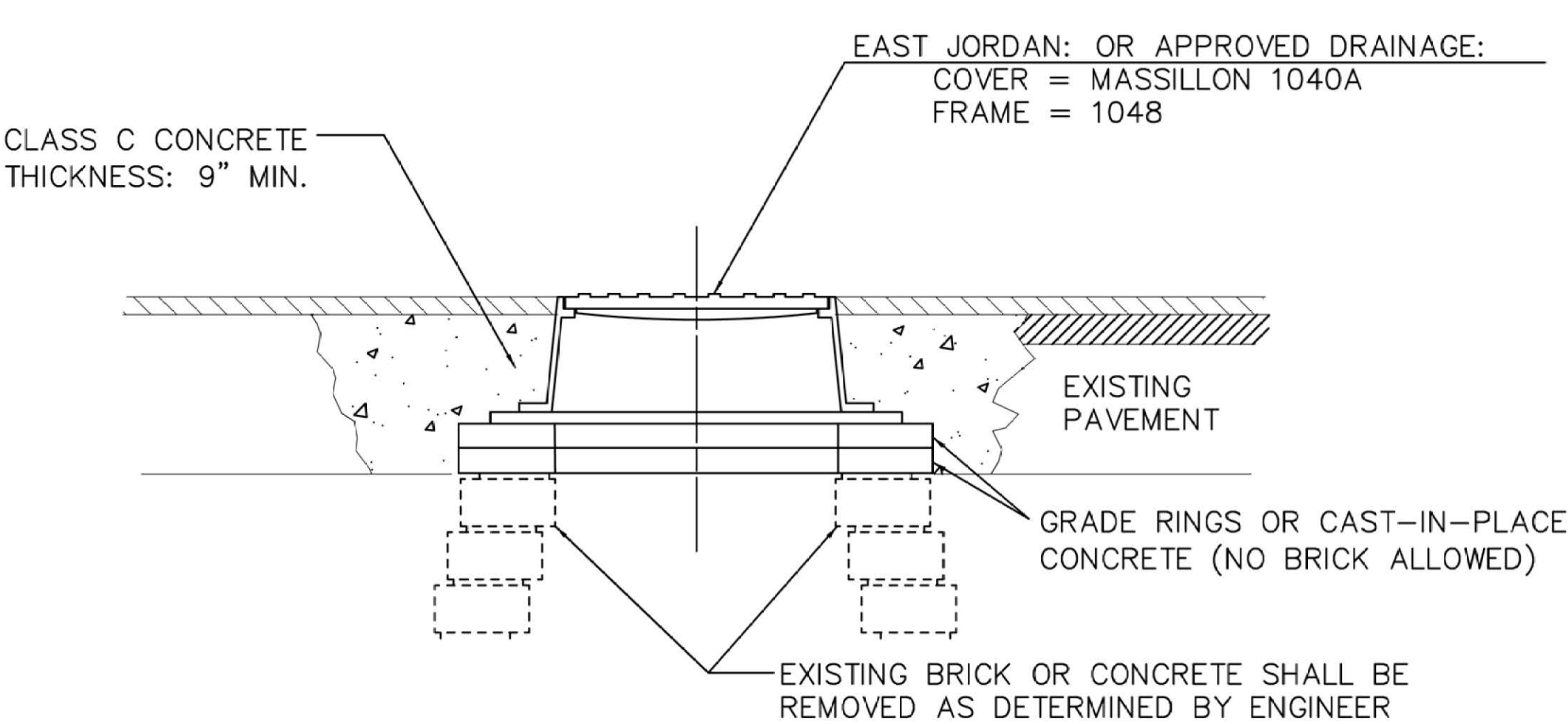
RECOMMENDED MINIMUM TRENCH WIDTHS	
PIPE DIAM.	MIN. TRENCH WIDTH
4"	21'
6"	23'
8"	26'
10"	28'
12"	30'
15"	34'
18"	39'
24"	48'
30"	56'
36"	64'
42"	72'
48"	80'
54"	88'
60"	96'

- NOTES:
- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE APPLICATION", LATEST ADDITION
 - MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
 - FOUNDATION: WHERE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III, PER MANUFACTURERS AND ODOT ITEM 611 REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 4"-24"; 6" FOR 30"-60".
 - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
 - MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO THE GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54" TO 60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIDGE PAVEMENT.

TRENCHING DETAIL FOR PIPE

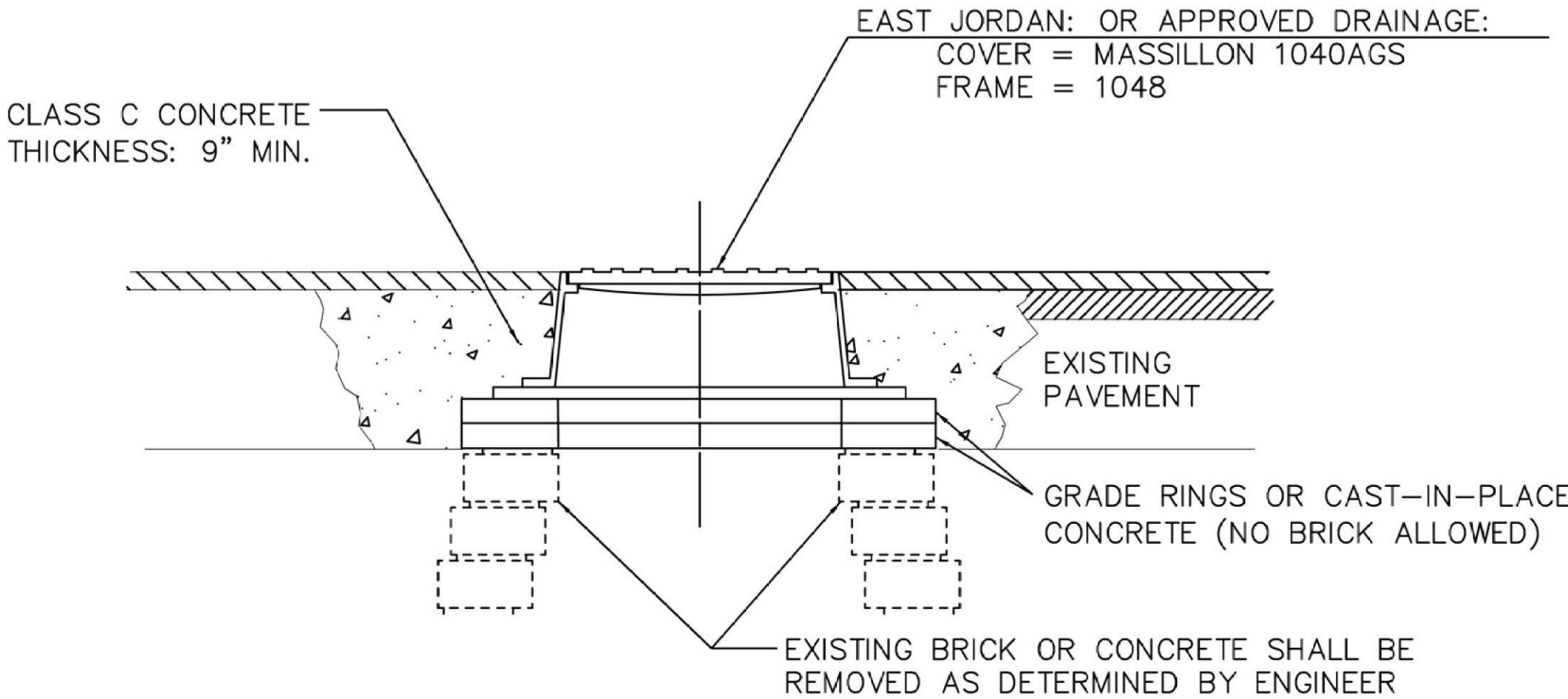


CONCRETE COLLAR



- NOTES:
- ALL CASTINGS, LIDS AND GRATES ARE TO BE CAREFULLY REMOVED AND STORED BY THE CONTRACTOR FOR SALVAGE BY THE CITY OF MASSILLON.
 - WORK SHALL INCLUDED ALL REMOVAL AND DISPOSAL OF EXISTING.

DRAINAGE MANHOLE MASS1048-R

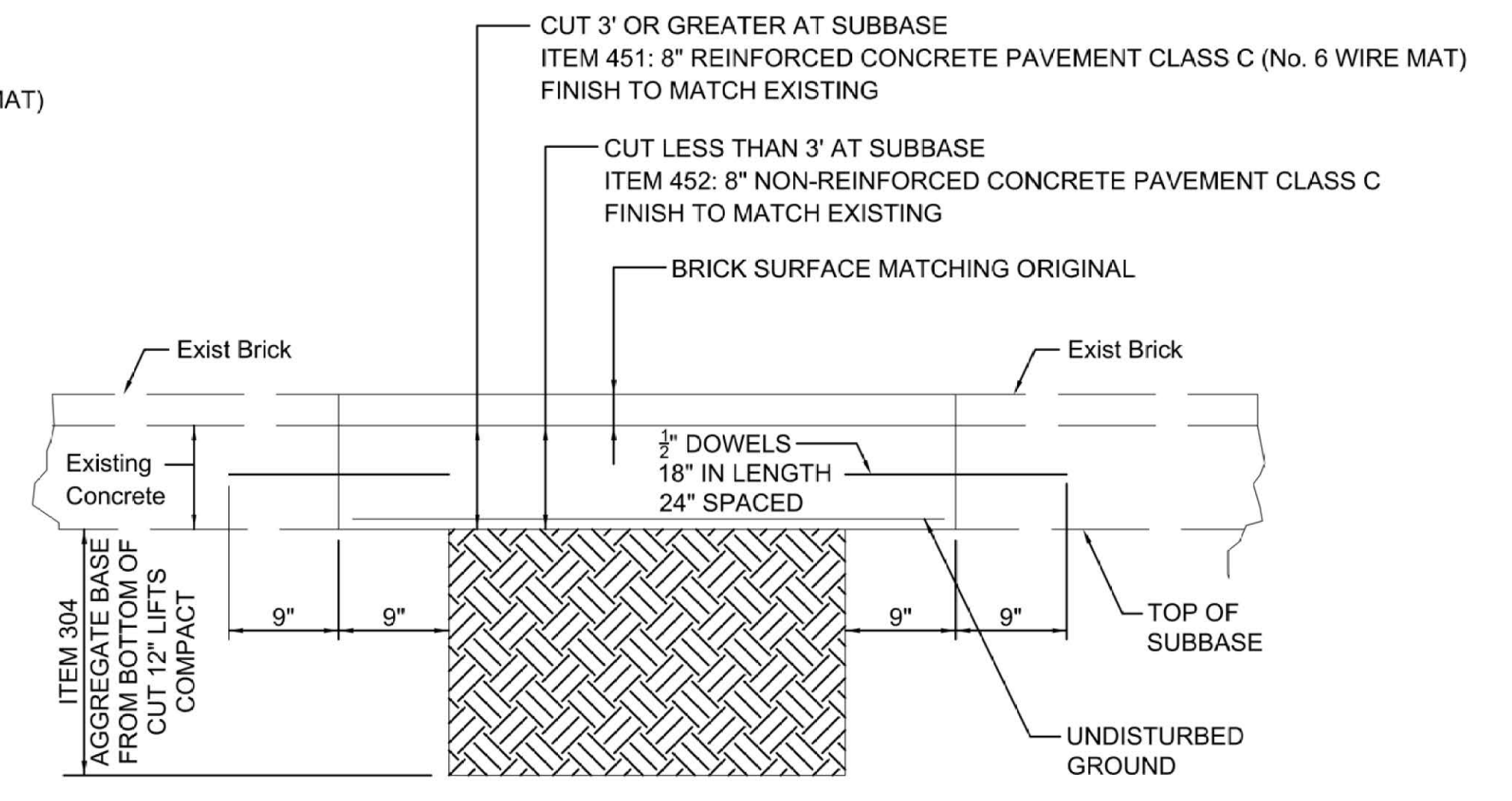
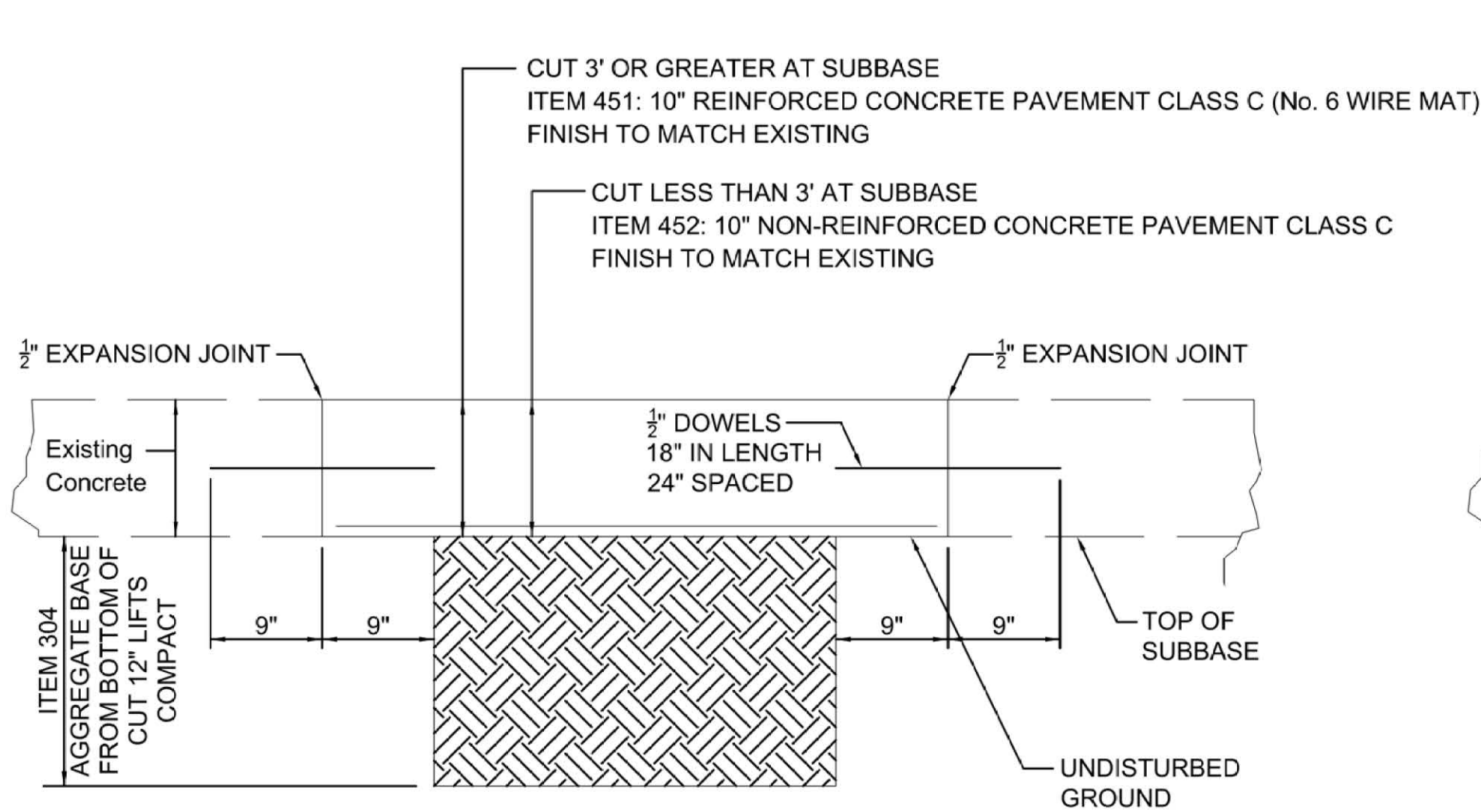
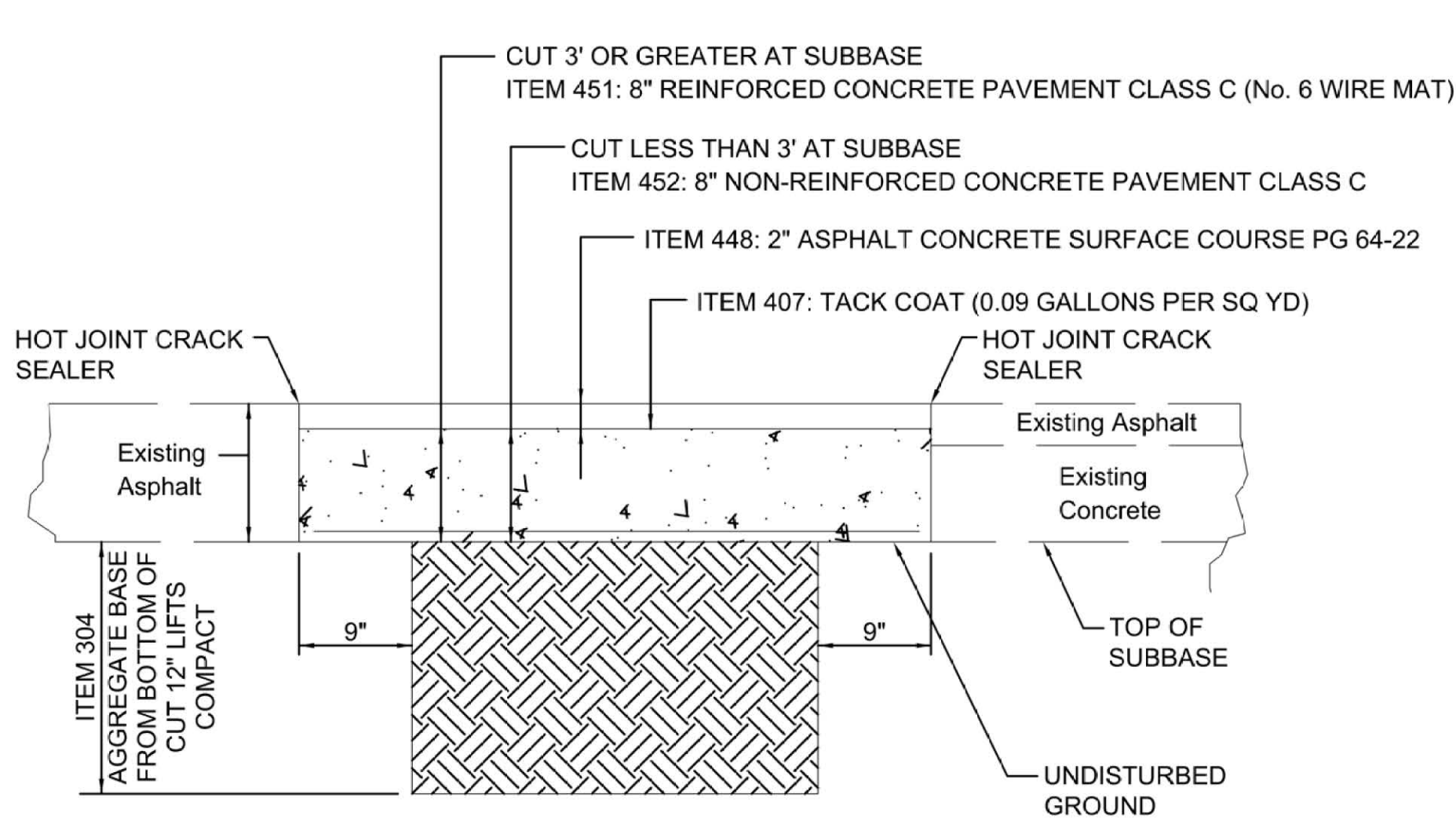


- NOTES:
- ALL CASTINGS, LIDS AND GRATES ARE TO BE CAREFULLY REMOVED AND STORED BY THE CONTRACTOR FOR SALVAGE BY THE CITY OF MASSILLON.
 - WORK SHALL INCLUDED ALL REMOVAL AND DISPOSAL OF EXISTING.

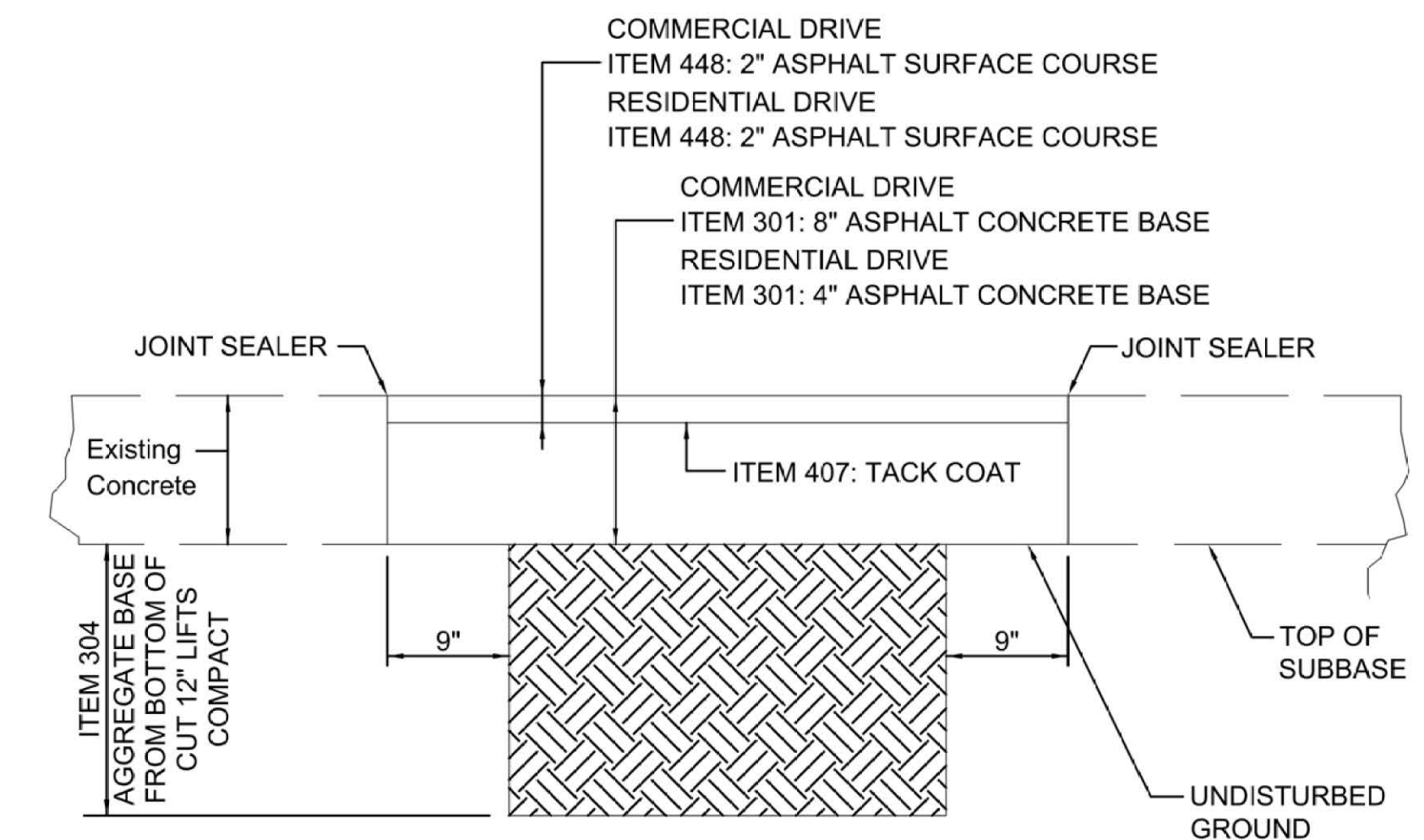
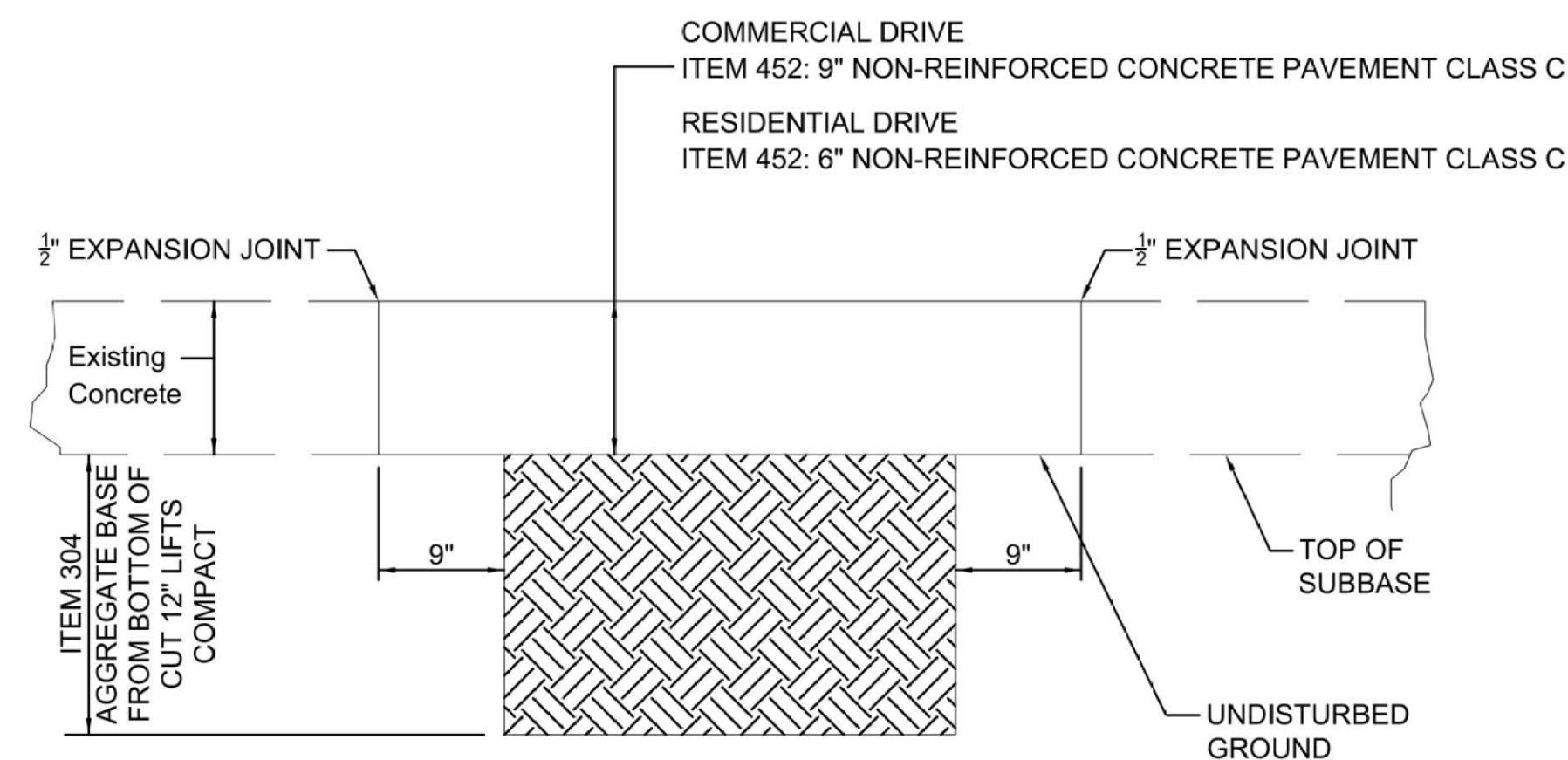
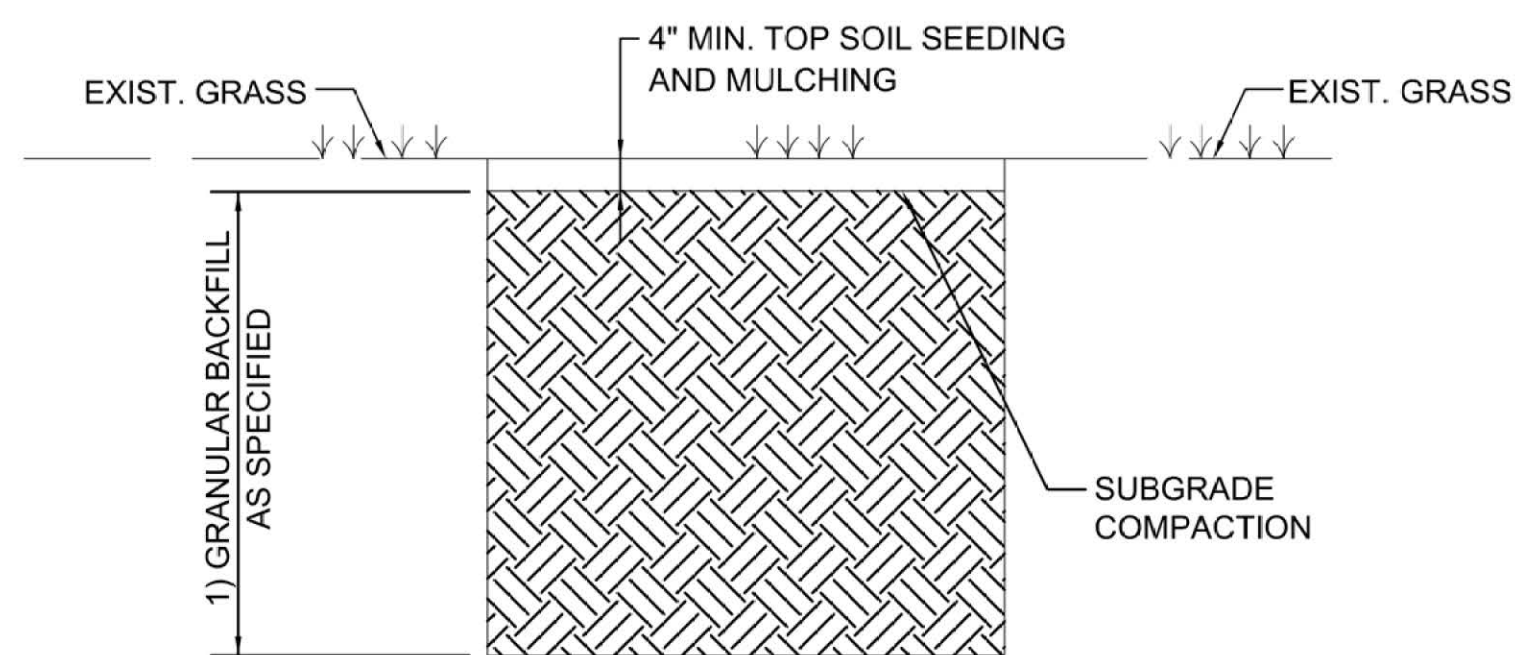
SANITARY MANHOLE MASS1048-R



STA Main/Tremont RAB
Drainage Details
City of Massillon
Stark County, Ohio



ROADWAY RESTORATION DETAIL



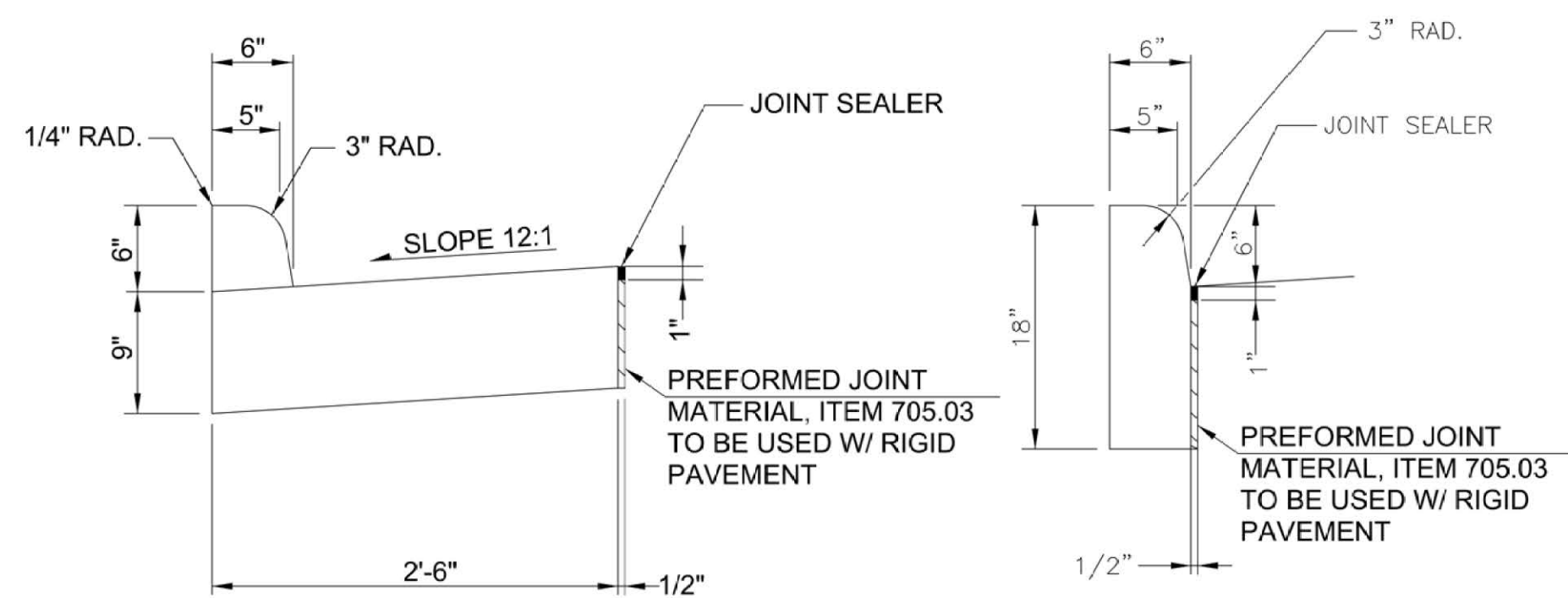
NOTES

- EXCAVATED MATERIAL MAY BE USED IF FOUND TO BE IN ACCEPTABLE CONDITION AS DETERMINED BY THE CITY ENGINEER.

LAWN RESTORATION DETAIL

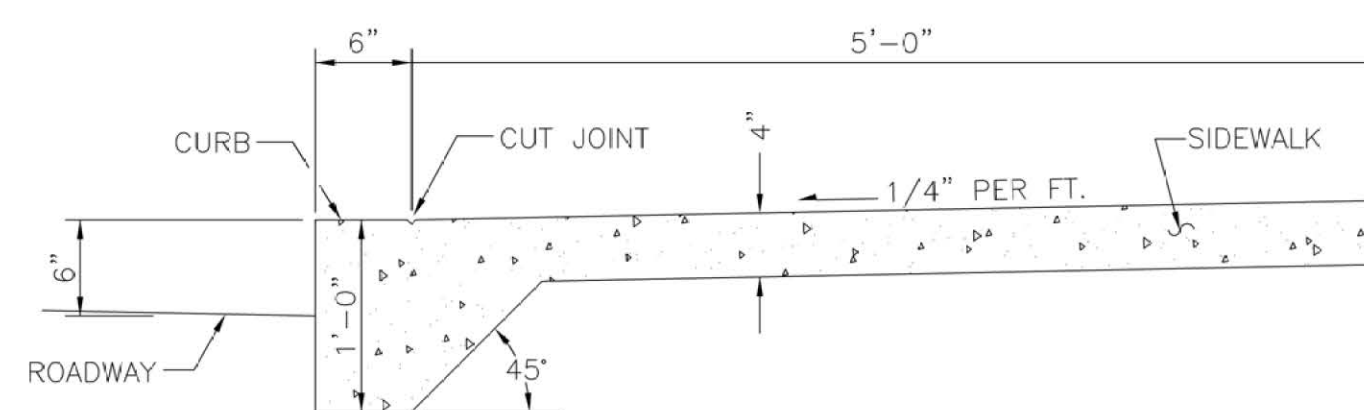
CONCRETE DRIVEWAY RESTORATION DETAIL

ASPHALT DRIVEWAY RESTORATION DETAIL

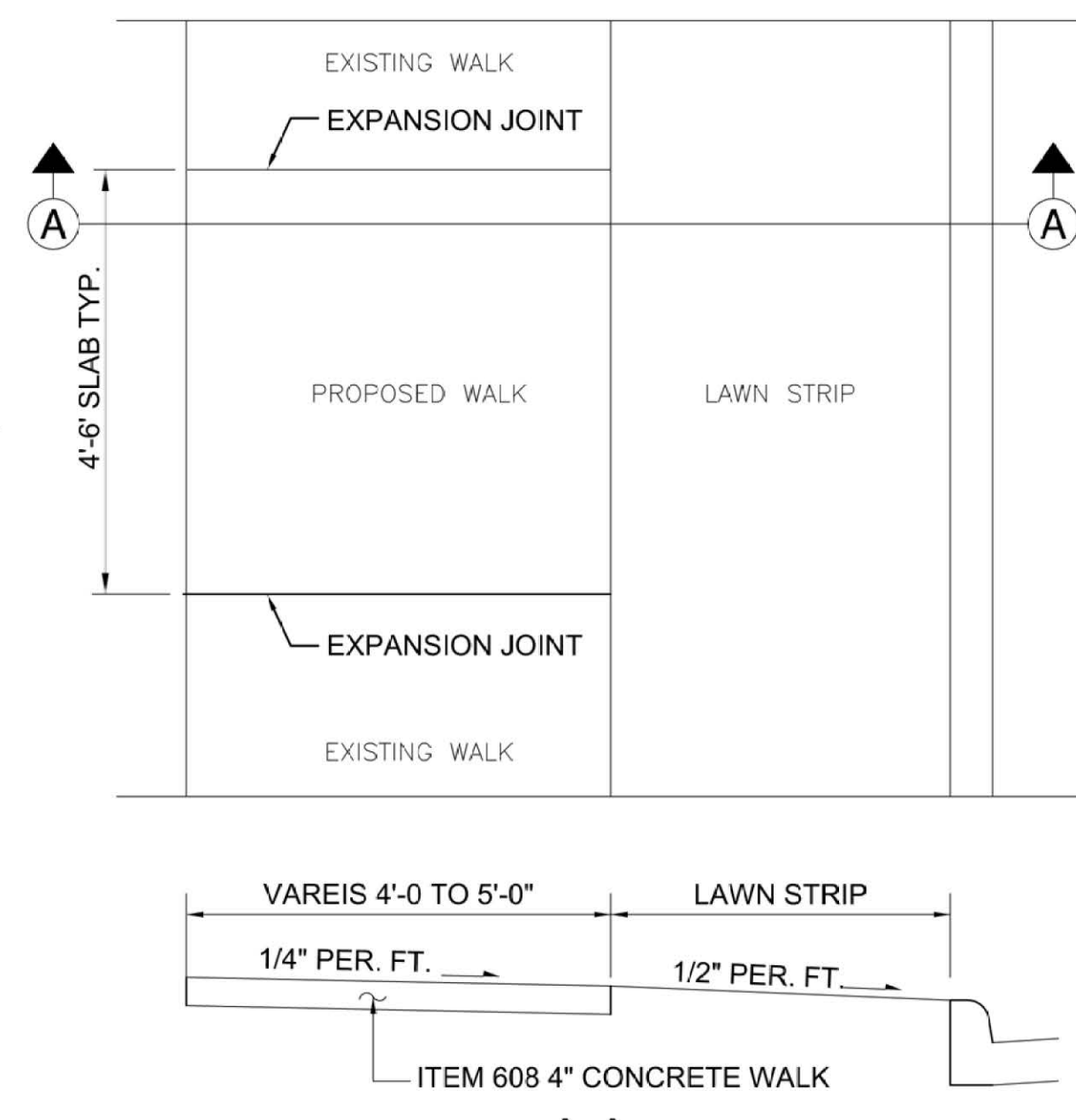


CURB TYPE 2

CURB TYPE 6



COMBINED CURB & SIDEWALK

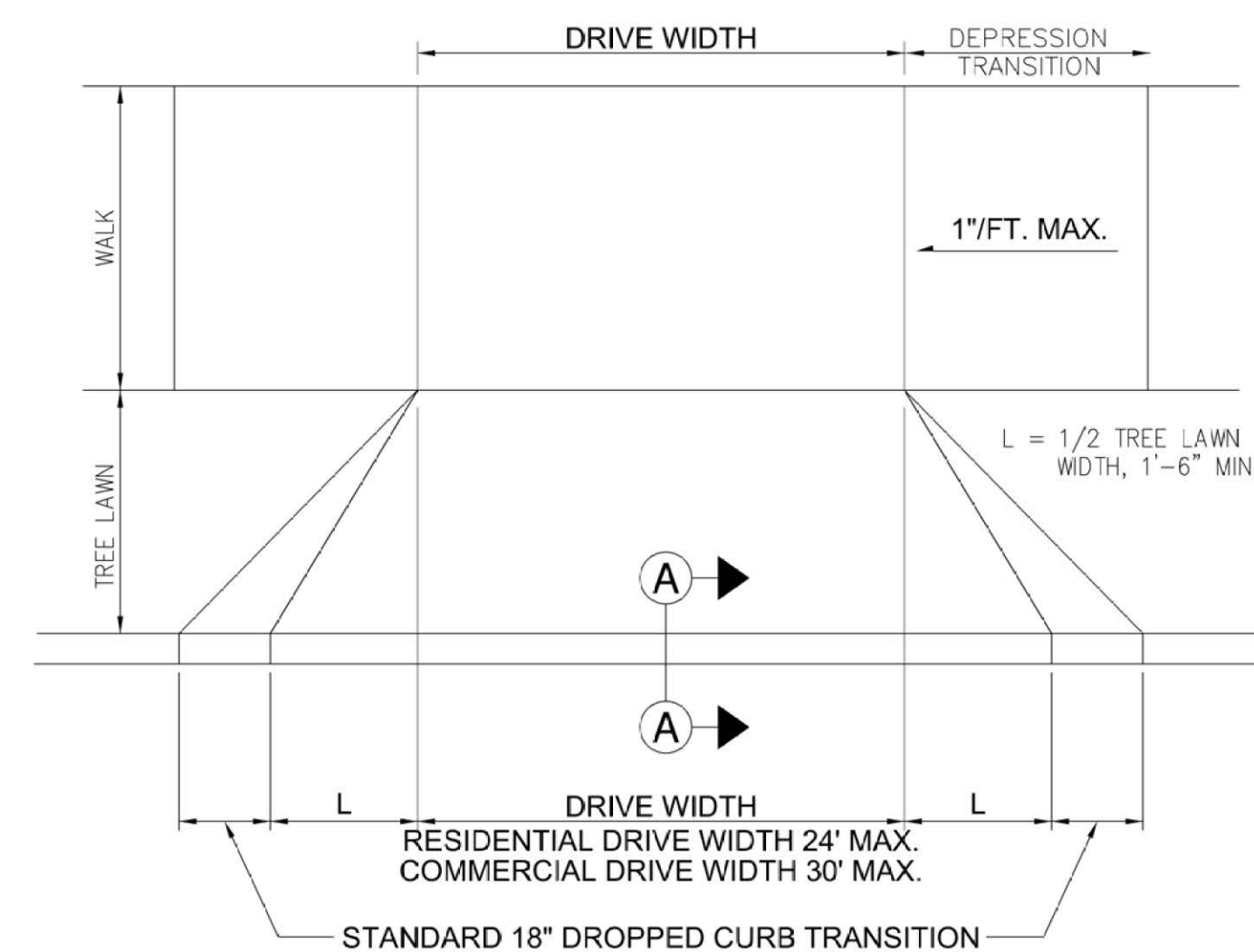


A-A

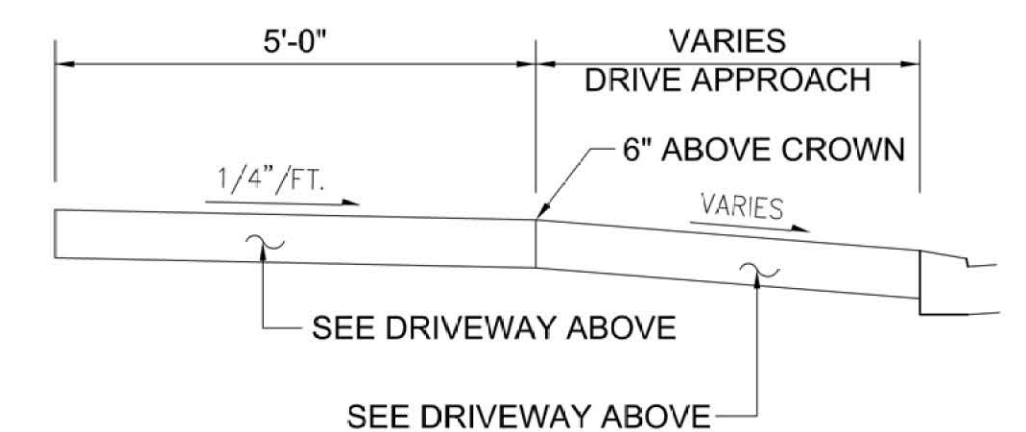
SIDEWALK

NOTE:

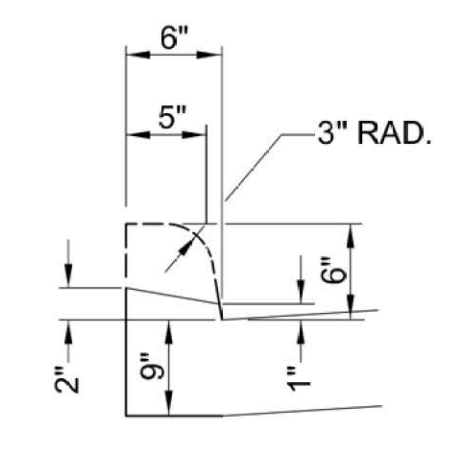
WITH EXISTING CONCRETE WALK, CURB OR DRIVE IS DISTURBED ENTIRE SLAB FROM EXISTING JOINTS SHALL BE REMOVED AND REPLACED UNLESS OTHERWISE DETERMINED BY CITY ENGINEER.



DRIVE PLAN



DRIVE PROFILE

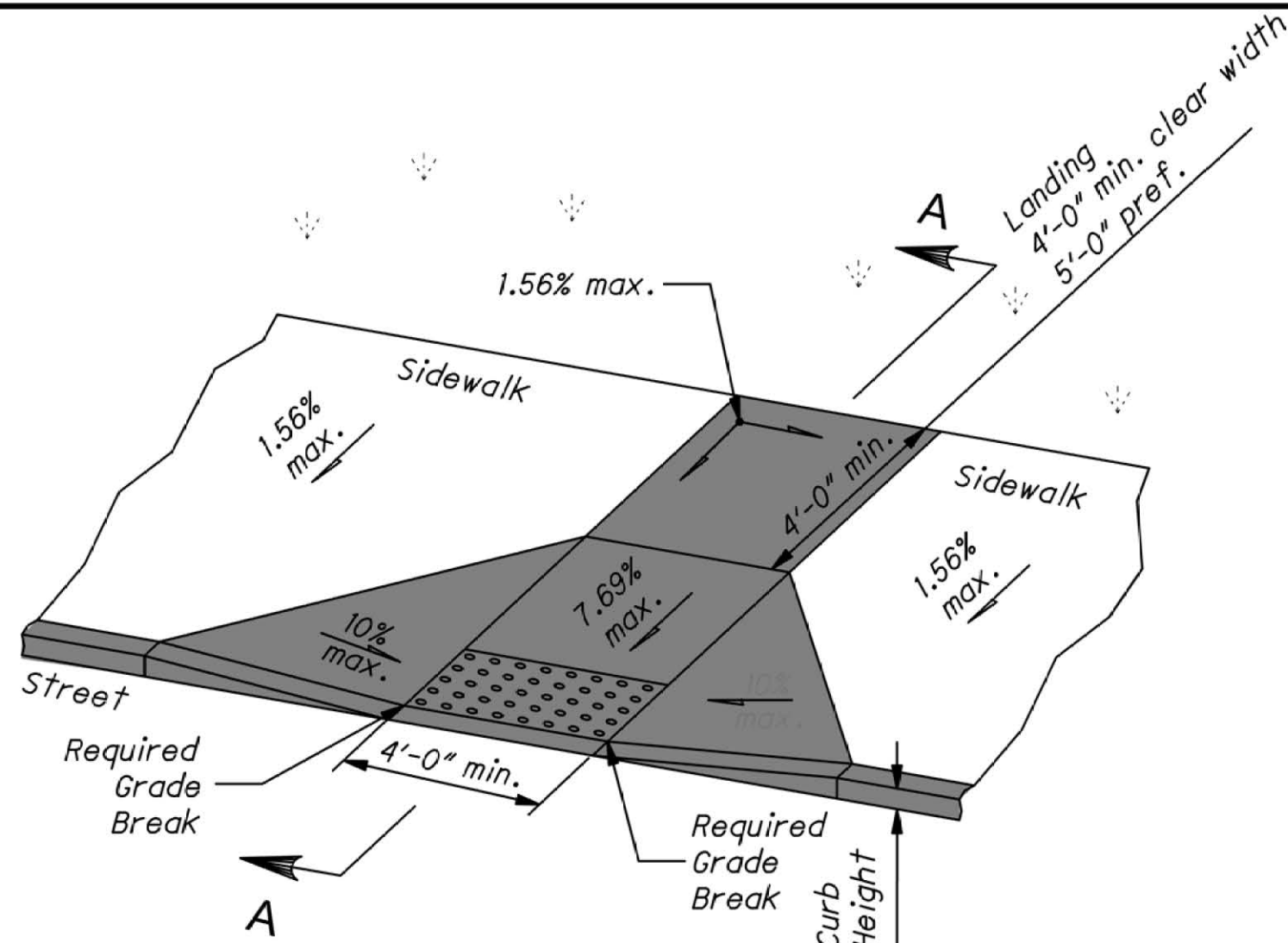


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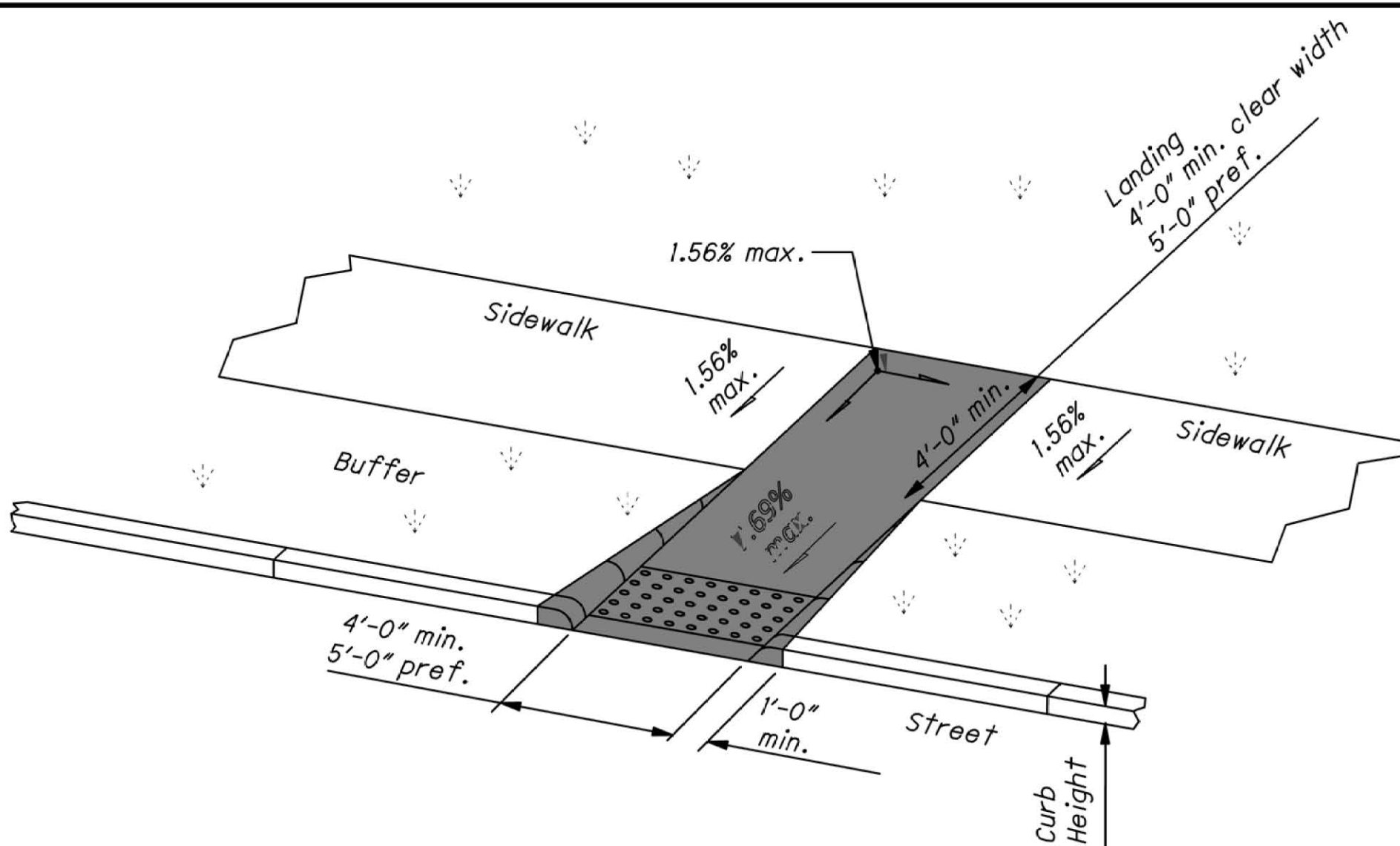
NOTE

CONCRETE SHALL BE 4000 PSI CLASS C

DRIVEWAY APPROACH DETAIL

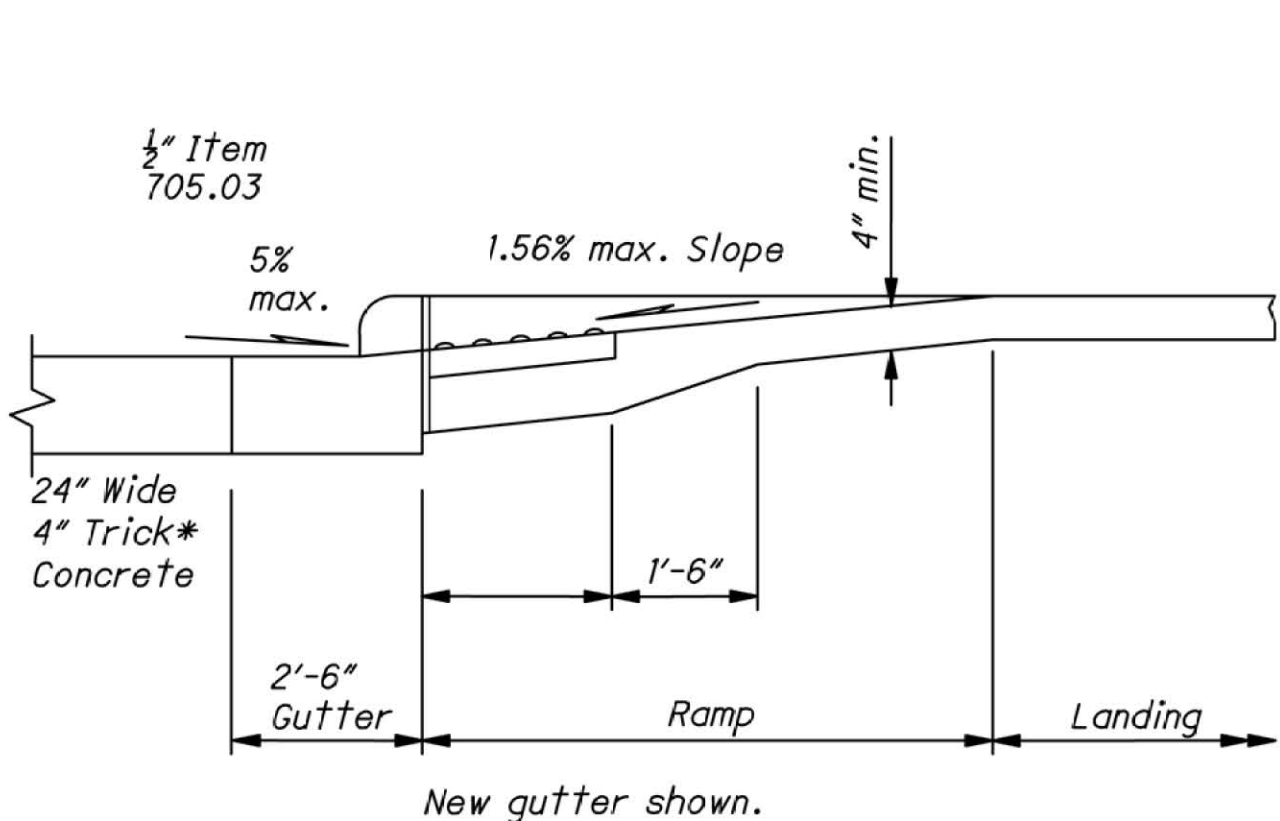


Type A1 (Perpendicular with flared sides)

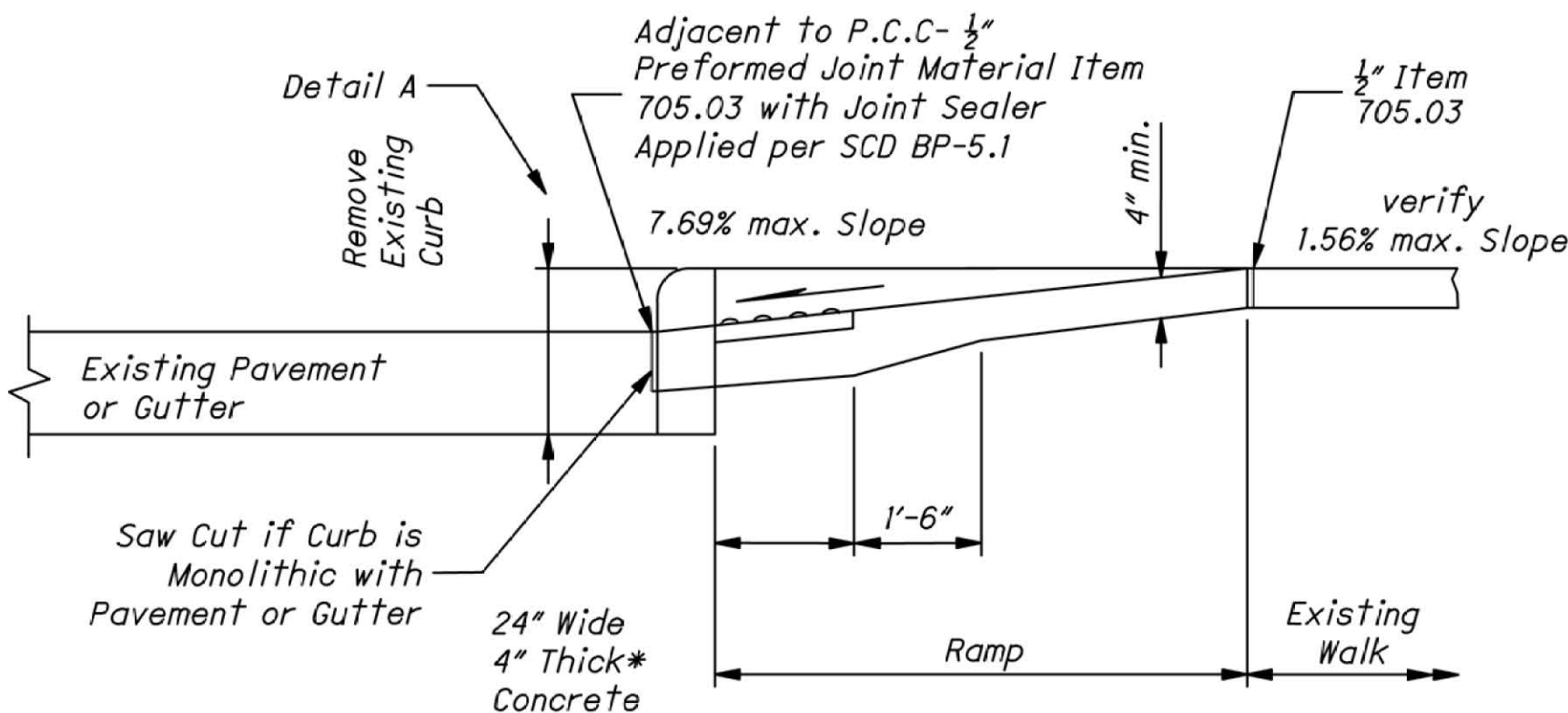


Type A2 (Perpendicular with returned sides)

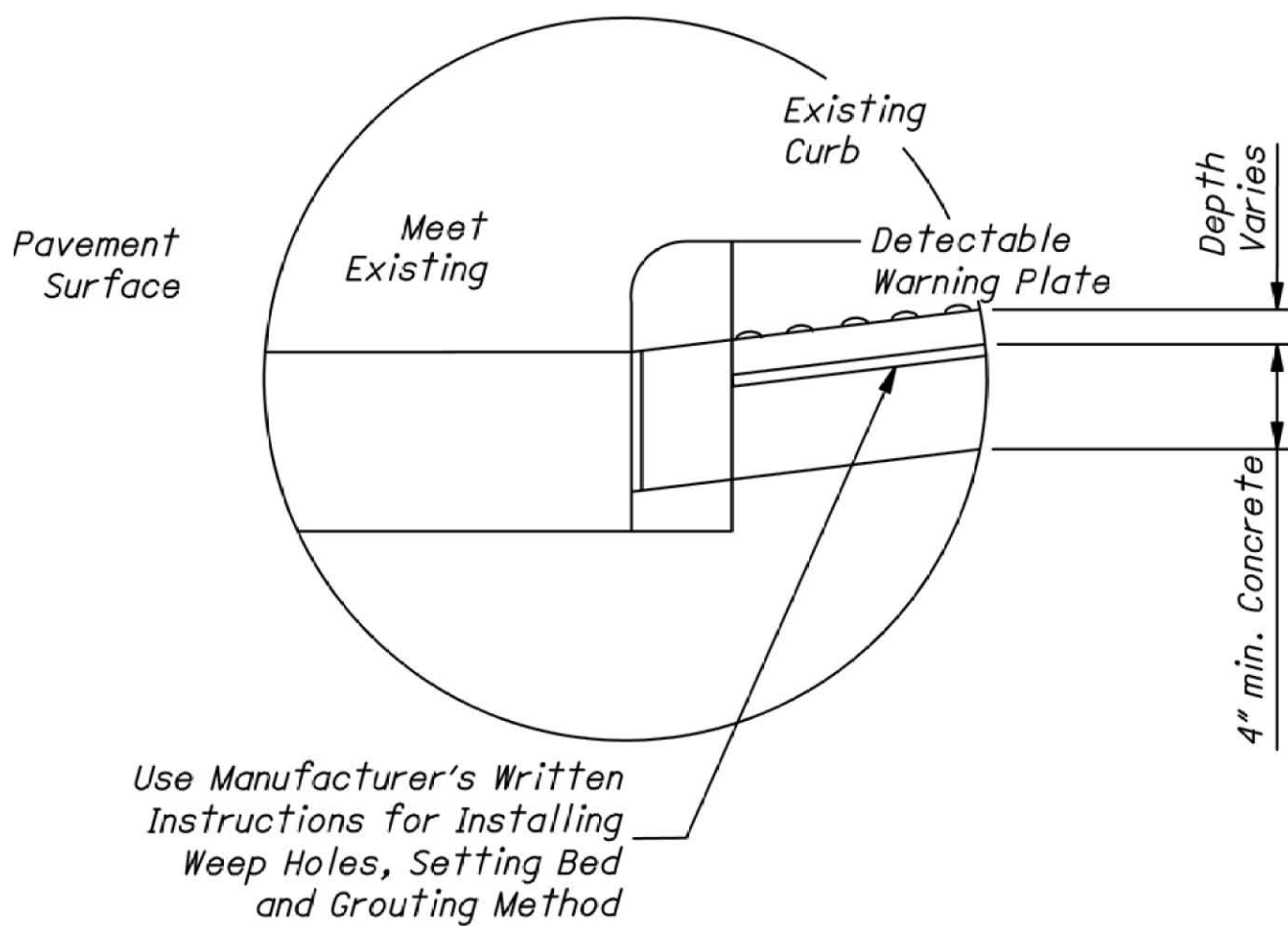
PERPENDICULAR CURB RAMP DETAILS



SECTION A-A
NORMAL DETAIL



SECTION A-A
EXISTING DETAIL



DETAIL A

DETECTABLE WARNING NOTES

GENERAL: Detectable Warnings are a distinctive surface pattern of truncated domes which are detectable by cane or underfoot to alert people with vision impairments of their approach to streets and hazardous drop-offs.

PLACEMENT: Detectable warnings are to be installed at any location where pedestrians might cross paths with vehicular traffic lanes, such as the base of curb ramps or at blended curbs. A 24" strip of domes is to be installed for the full width of the ramp or walk. Typical street corner placement locations are shown on this sheet.

Some detectable warning products require a concrete border for proper installation. The concrete border should not exceed 2". Where the back of curb edge is tooled to provide a radius, the border dimension should be measured from the end of the radius.

The depth of concrete underneath detectable warning products shall be a minimum of 4". See DETAIL A.

ALIGNMENT: Truncated domes should be aligned with the primary direction of the ramp as shown on the DETECTABLE WARNING ALIGNMENT Detail to direct pedestrians toward the landing. Normally the detectable warnings should be flush with the back of curb, but for skewed conditions see

DETECTABLE WARNING ALIGNMENT Detail. For non-standard layouts, detectable warning materials may have to be mitered placed segmentally.

PRODUCTS & COLORS: Color of the detectable warnings should contrast with surrounding concrete walk and ramp. Black is not an acceptable color. Approved products and guidance on color may be found on the Office of Roadway Engineering Service's Detectable Warnings Approved List. Install products as per manufacturer's printed instructions.

NOTES CONTINUED

The Running slope of the curb ramp shall be a 7.69% maximum or flatter in existing sidewalks, where the maximum ramp slope is not feasible due to site constraints (e.g. utility poles or vaults, right-of-way limits) it may be adjusted as follows:

- A) 10:1 for a max. rise of 6",
- B) 8:1 for a max. rise of 3",
- C) 6:1 over a max. run of 2'-0" for historic areas where a flatter slope is not feasible

To prevent chasing the grade indefinitely, the transition from existing sidewalk to the shaded curb ramp area is not required to exceed 15 feet in length.

While ramps may be skewed to the crosswalk, the entire lower landing area must fall within the cross walk that the ramp serves and cannot be located in the traveled lane of opposing traffic.

The counter slope of the gutter or street at the foot of a curb ramp, landing, or blended transitions shall be 5% or flatter

The bottom edge of the ramp shall change planes perpendicular to the landing.

The edge of the curb shall be flush with the edge of the adjacent pavement and gutter and surface slopes that meet grade breaks shall also be flush.

Where pedestrian street crossings are without yield or stop control conditions, or at a traffic signal that is designed for green phase and vehicles do not slow to navigate the intersection, the maximum cross slope at the edge of the asphalt pavement and gutter may be increased as follows:

- D) 5% maximum cross slope at street crossings without yield or stop control
- E) Cross slope may match grade of street asphalt edge profile at Mid-block Street Crossings

A 4' minimum continuous clear width, exclusive of the width of any curb is required for a pedestrian access route. Ramp landings shall be 4' min. x 4' min. with a 1.56% or flatter cross slope and running slope.

Provide 24" wide level strip if the algebraic difference between the ramp slope and the street exceeds 11%.

DETECTABLE WARNINGS: Install Detectable Warnings on each curb ramp with approved materials, as shown on Sheet ---. Install these proprietary products as per manufacturer's written instructions

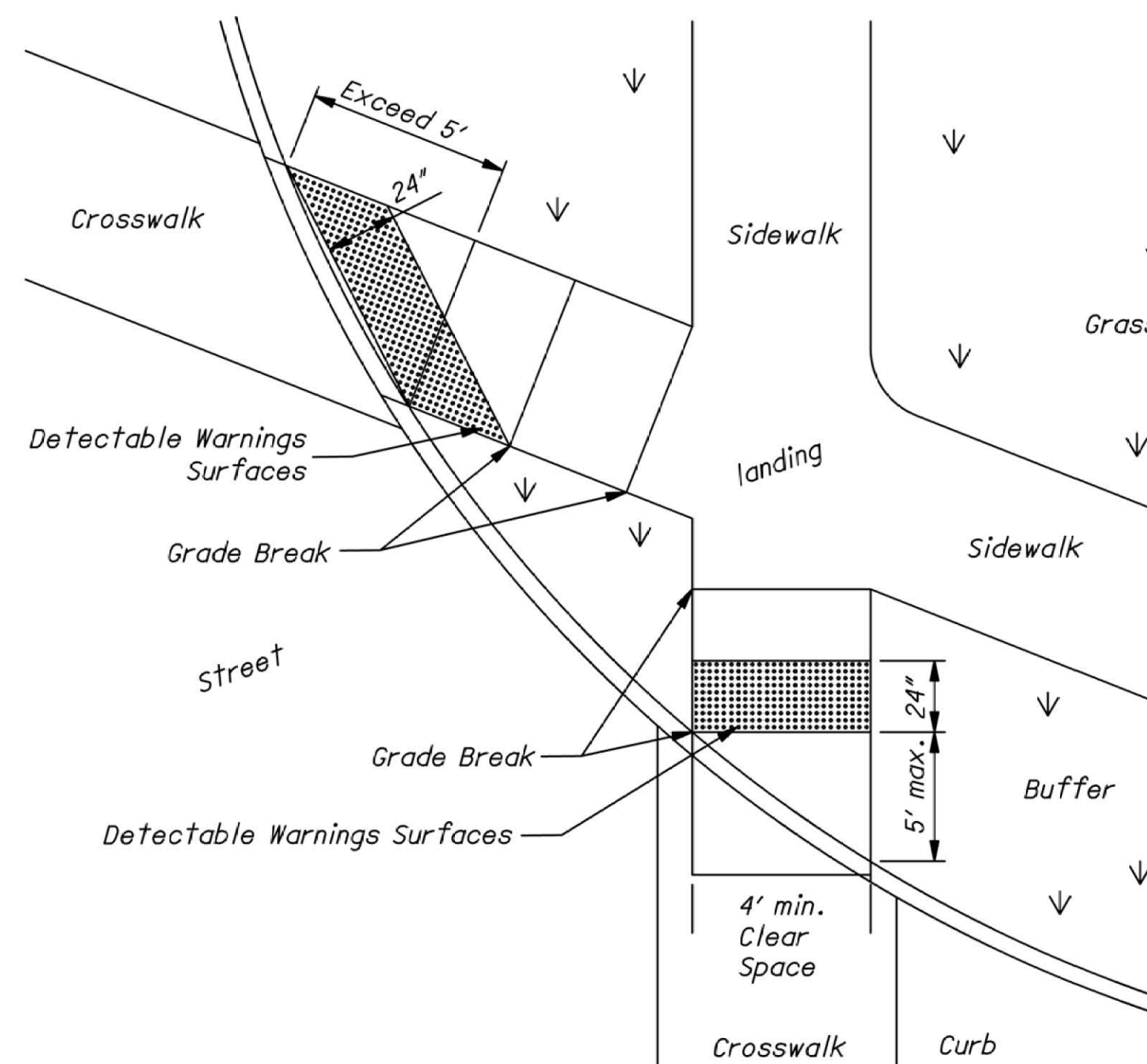
BLENDED TRANSITIONS: Blended Transitions do not require a landing since the slope shall not exceed 5%.

DRAINAGE: Contractor is to ensure the base of each constructed curb ramp allows for proper drainage, without exceeding allowable cross slope or ramp slopes. Vertical change in level exceeding 1/8" between the 1) pavement and gutter, and 2) gutter and ramp, are not allowed.

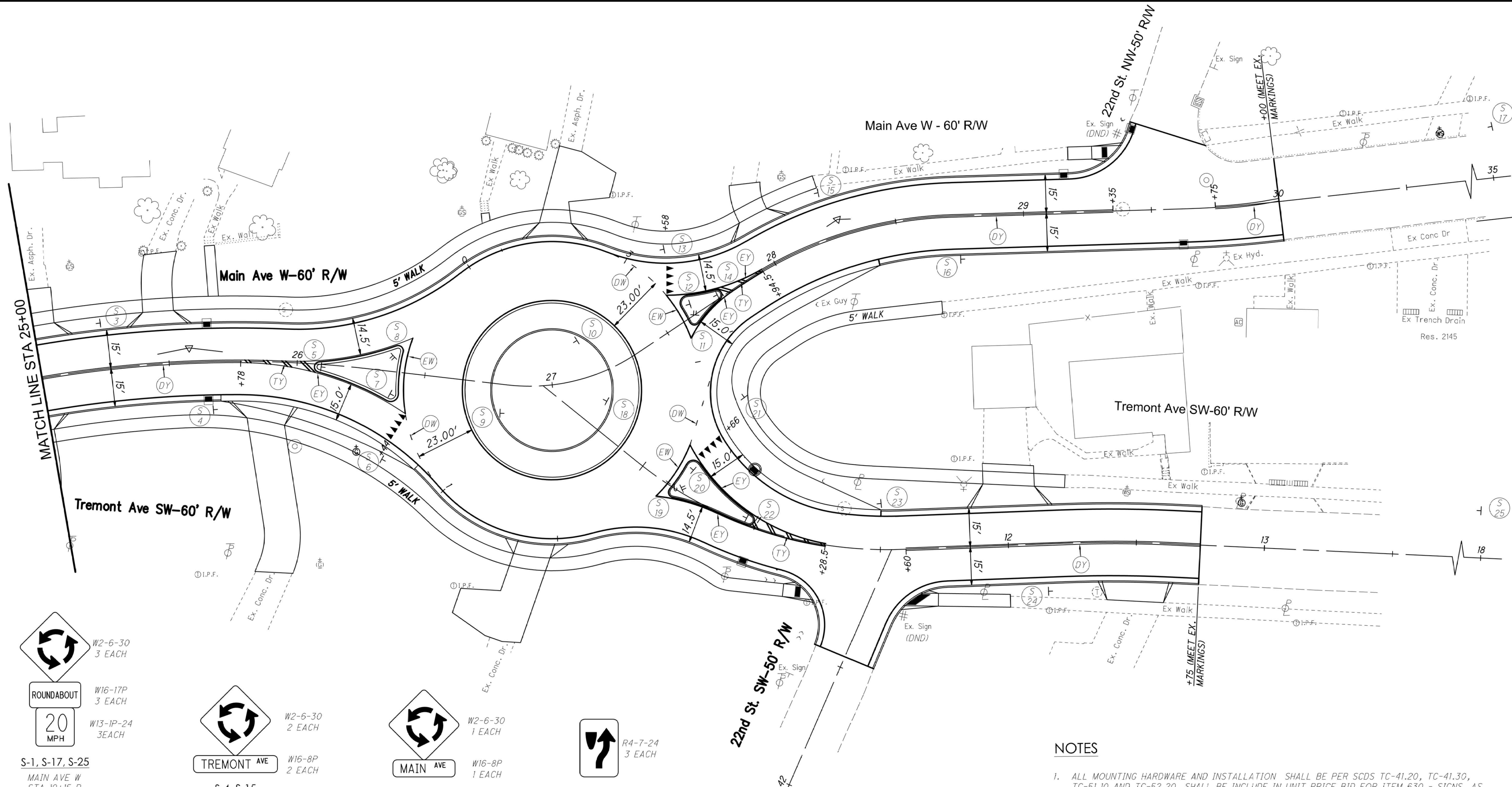
SURFACE TEXTURE: Texture concrete surfaces by coarse brooming transverse to the ramp slopes to be rougher than the adjacent walk.

JOINTS: Provide expansion joints in the curb ramp as extensions of walk joints and consistent with Item 608.03 requirements for a new concrete walk. Provide a 1/2" Item 705.03 expansion joint filler around the edge of ramps built in existing concrete walks. Lines shown on this drawing indicate the ramp edges and slope changes, and do not necessarily indicate joint lines.

SLOPES: Where 7.69% maximum and 1.56% maximum slopes are listed, ramps shall be considered compliant for payment where the as-built slopes are 8.33% maximum and 2% maximum, respectively.



DETECTABLE WARNING ALIGNMENT
FOR DIRECTIONAL CURB RAMPS



W2-6-30
3 EACH

ROUNDABOUT
20
MPH
W16-17P
3 EACH

W13-1P-24
3 EACH

S-1, S-17, S-25
MAIN AVE W
STA 19+15 R
STA 35+00 L
TREMONT AVE NW
18+00 L

TREMONT AVE
S-4, S-15
MAIN AVE W
STA 25+65 R
STA 28+25 L

MAIN AVE
S-23
TREMONT AVE NW
STA 11+50 L

S-5, S-14, S-22
MAIN AVE W
STA 26+10 R
STA 27+74 L
TREMONT AVE W
STA 10+95 L

W16-8P
2 EACH

S-8, S-11
MAIN AVE W
STA 26+35
STA 27+63

S-19
TREMONT AVE W
STA 10+68

YIELD
R1-2-36
WITH A RED
SIGN POST
REFLECTOR
6 EACH

ONE WAY
S-9, S-10, S-18
MAIN AVE W
STA 26+37 L
STA 26+37 L
STA 27+64 L
STA 27+67 L
TREMONT AVE W
STA. 11+71 L
STA 11+67 L

SPEED LIMIT
25
S-3, S-16, S-24
MAIN AVE W
STA 25+25 L
STA 28+65 R
TREMONT AVE NW
STA 12+12 R

STOP
S-2
23rd ST NW
STA 60+25 L

R6-1R-36
6 EACH

R6-4-30
6 EACH

R2-1-24
6 EACH

R1-1-36
1 EACH

- NOTES**
1. ALL MOUNTING HARDWARE AND INSTALLATION SHALL BE PER SCDS TC-41.20, TC-41.30, TC-51.10 AND TC-52.20. SHALL BE INCLUDE IN UNIT PRICE BID FOR ITEM 630 - SIGNS, AS PER PLAN, ITEM 630 - GROUND MOUNTED SUPPORT, AS PER PLAN.
 2. ALL GROUND MOUNTING SUPPORTS SHALL BE TYPE S POSTS UNLESS OTHERWISE APPROVED BY CITY ENGINEER INCLUDING ALL POST REFLECTORS . SHALL BE INCLUDED IN UNIT PRICE BID FOR ITEM 630 - GROUND MOUNTED SUPPORT, AS PER PLAN

- LEGEND**
- (CW) ITEM 643 - SOLID WHITE CROSS WALK 6' APART (8") - 198 FT
 - (DY) ITEM 646 - CENTER LINE, TYPE A - (702 FT) 0.14 Mi.
 - (DW) ITEM 646 - DOTTED LINE, (8") - 92 FT
 - (EW) ITEM 646 - EDGE LINE, 4", TYPE A (WHITE) - (76 FT) 0.02 Mi.
 - (EY) ITEM 646 - EDGE LINE, 4", TYPE A (YELLOW) - (354 FT) 0.07 Mi.
 - (TY) ITEM 646 - TRANSVERSE/DIAGONAL LINE (YELLOW) (12") SPACE AT 5' C/C - 135 L.F.
 - ▼▼▼▼ ITEM 646 - PAVEMENT MARKING MISC.: YIELD LINE - 40 FT

HORIZONTAL
SCALE IN FEET

Main Ave W & Tremont Ave SW Roundabout

Main Ave W / Tremont Ave SW - Signing and Striping Plan

City of Massillon

Stark County, Ohio

LOGO:

DESIGNER

FW

REVIEWER / DATE

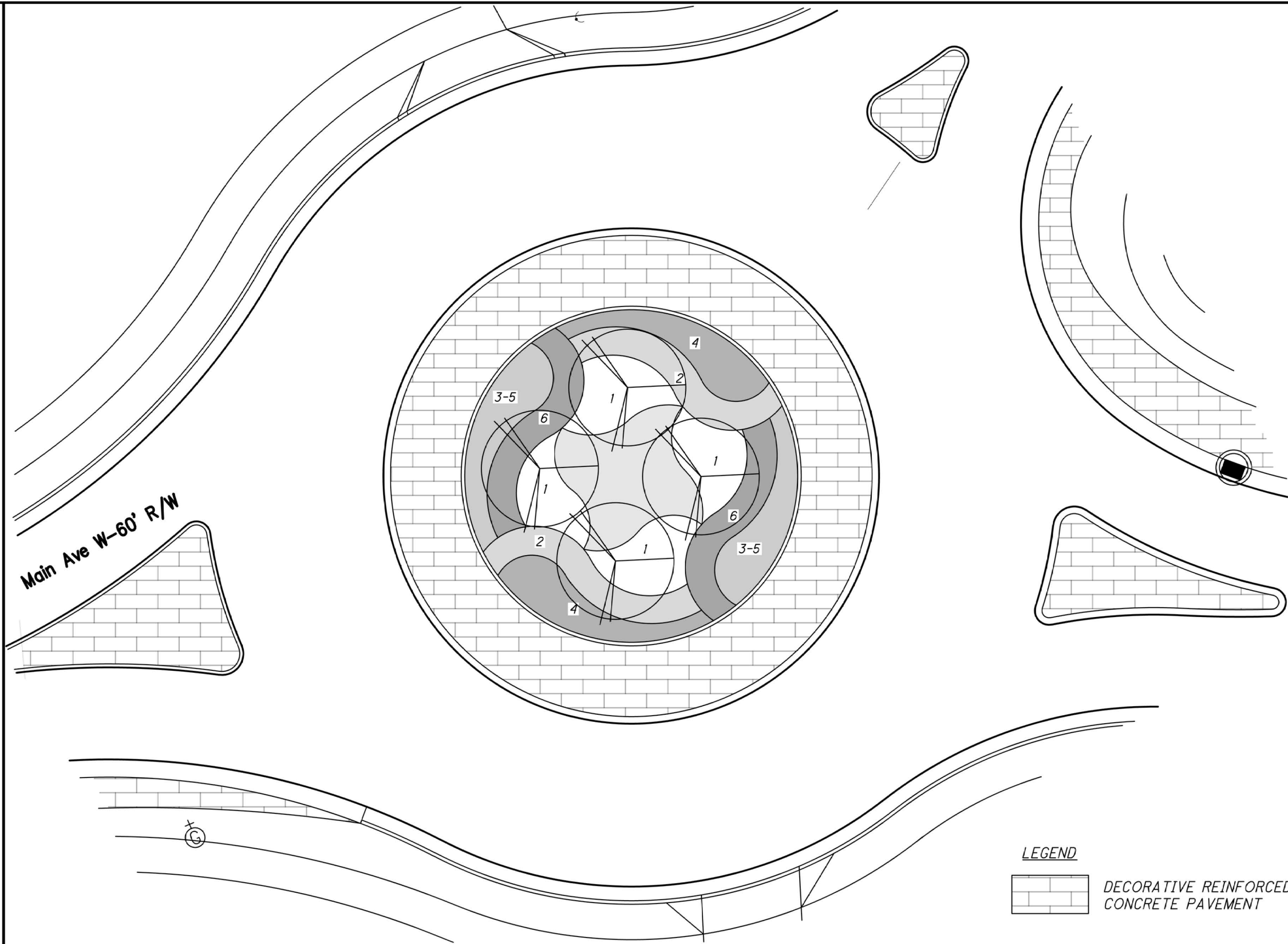
AP 7/2025

PROJECT ID

00s108/120493

SHT NO. TOTAL

48 49



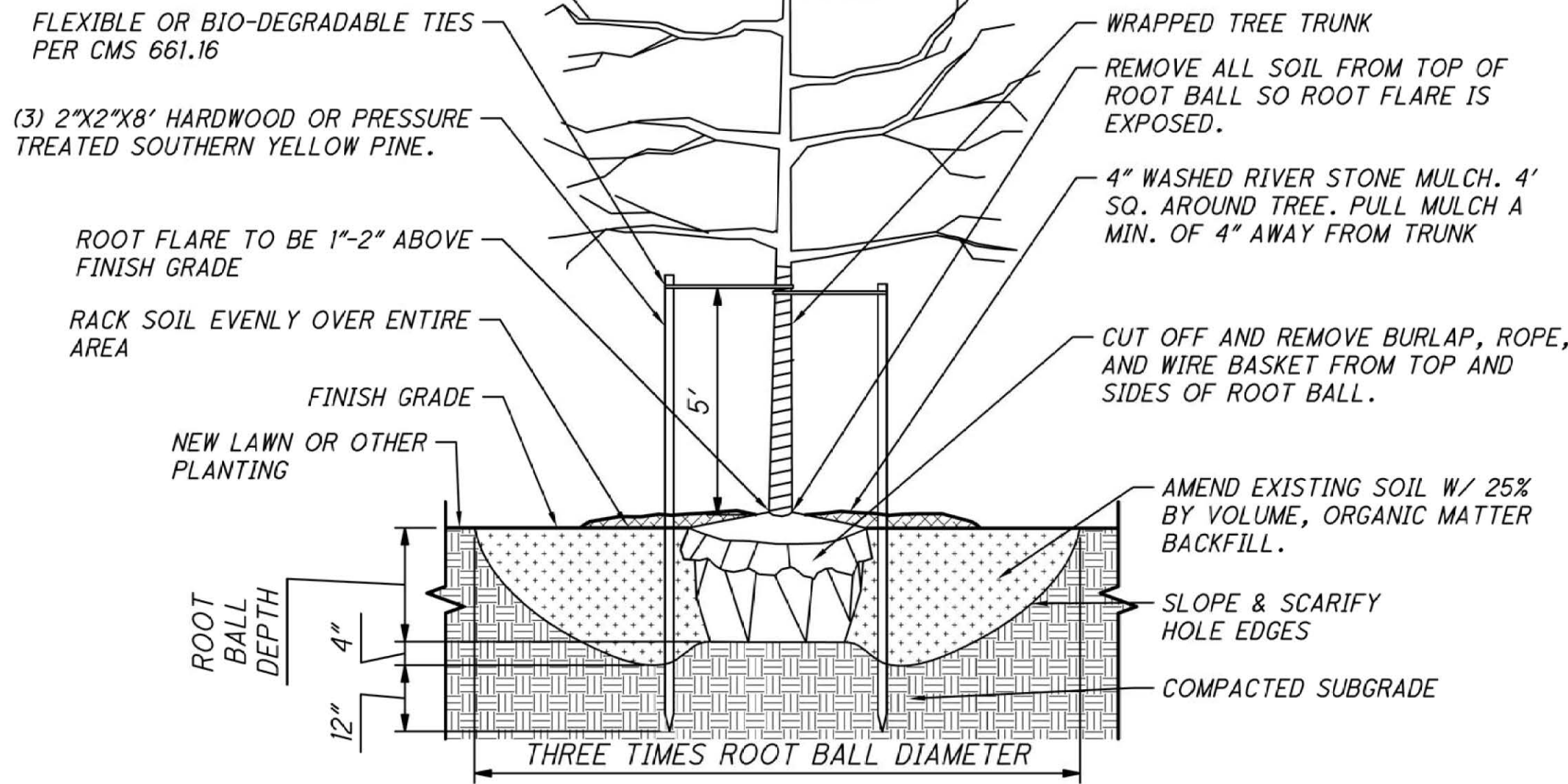
PLANT MATERIALS LIST

	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOTS	SPACING	REMARKS	ITEMS CARRIED TO GENERAL SUMMARY
	4	ZELKOVA S. 'GREEN VASE'	GREEN VASE ZELKOVA	3" CAL.	B & B	SEE PLANS	MATCH HEIGHTS	661-DICIDUOUS TREE, 3" CA, ZELKOVA S. 'GREEN VASE'
1	28	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER		NO. 3 CONT.	4' O.C.		661-EVERTREE TREE, NO. 3, SEA GREEN JUNIPER
2	40	PEROVSKIA ATRIPLICIFOLIA 'FLIGRIN'	RUSSIAN SAGE		NO. 1 CONT.	3' O.C.		661-PERENINIALS, NO. 1, RUSSIAN SAGE
3	20	NEPETA FAASSENII 'WALKERS LOW'	WALKERS LOW CATMINT		NO. 1 CONT.	3' O.C.		661-PERENINIALS, NO. 1, WALKERS LOW CATMINT
4	28	HEMEROCALLIS 'HAPPY RETURNS'	HAPPEY RETURNS DAYLILY		NO. 1 CONT.	3' O.C.		661-PERENINIALS, NO. 1, HAPPY RETURNS DAYLILY
5	20	ACHILLEA MILLEFOLIUM	COMBINATION OF COLORS OF YARROW		NO. 1 CONT.	3' O.C.		661-PERENINIALS, NO. 1, COMBINATION OF COLORS OF YARROW
6	39	RUDBECKIA HIRTA	BLACKED EYED SUSAN		NO. 1 CONT.	3' O.C.		661-PERENINIALS, NO. 1, BLACK EYED SUSAN
7	22	MISCANTHUS SINENSIS 'ADAGIO'	ADIGIO MAIDEN GRASS		NO. 2 CONT.	4' O.C.		661-PERENINIALS, NO. 2 ADIGIO MAIDEN GRASS
	26							681-MULCH AS PER PLAN
	1200							662-LANDSCAPE WATERING

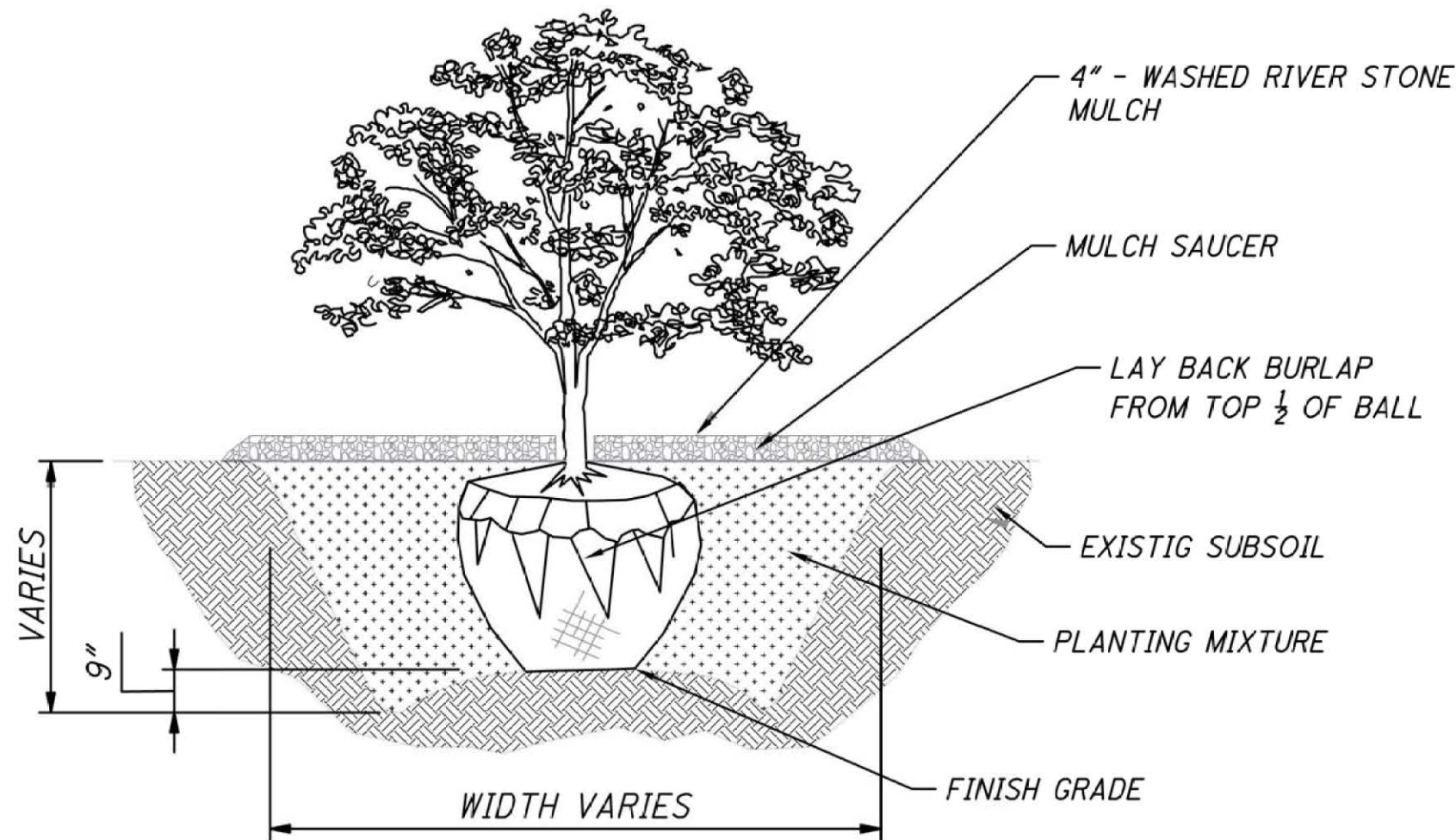
NOTES:

- FOR PLANT AND PLANTING SPECIFICATIONS SEE ODOT ITEM661 AND 662 IN THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS. EXCEPTION: ITEM 611.11 - (LANDSCAPE MULCH) - SUNSTITUTE BARK AND SHREDDED WOOD MULCH WITH NO 57 SIZE WASHED RIVER STONE.
- FOR CONTAINER-GROWN SHRUBS, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
- INCORPORATE COMMERCIALLY PREPARED MYCORRHIZA SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOT AT RATES SPECIFIED BY THE MANUFACTURER
- PLANTS SHALL BE WATER IMMEDIATELY FOLLOWING PLANTING.
- PLANTINGS SHALL BE SPACED TO AVOID CASTINGS IN CENTER ISLAND

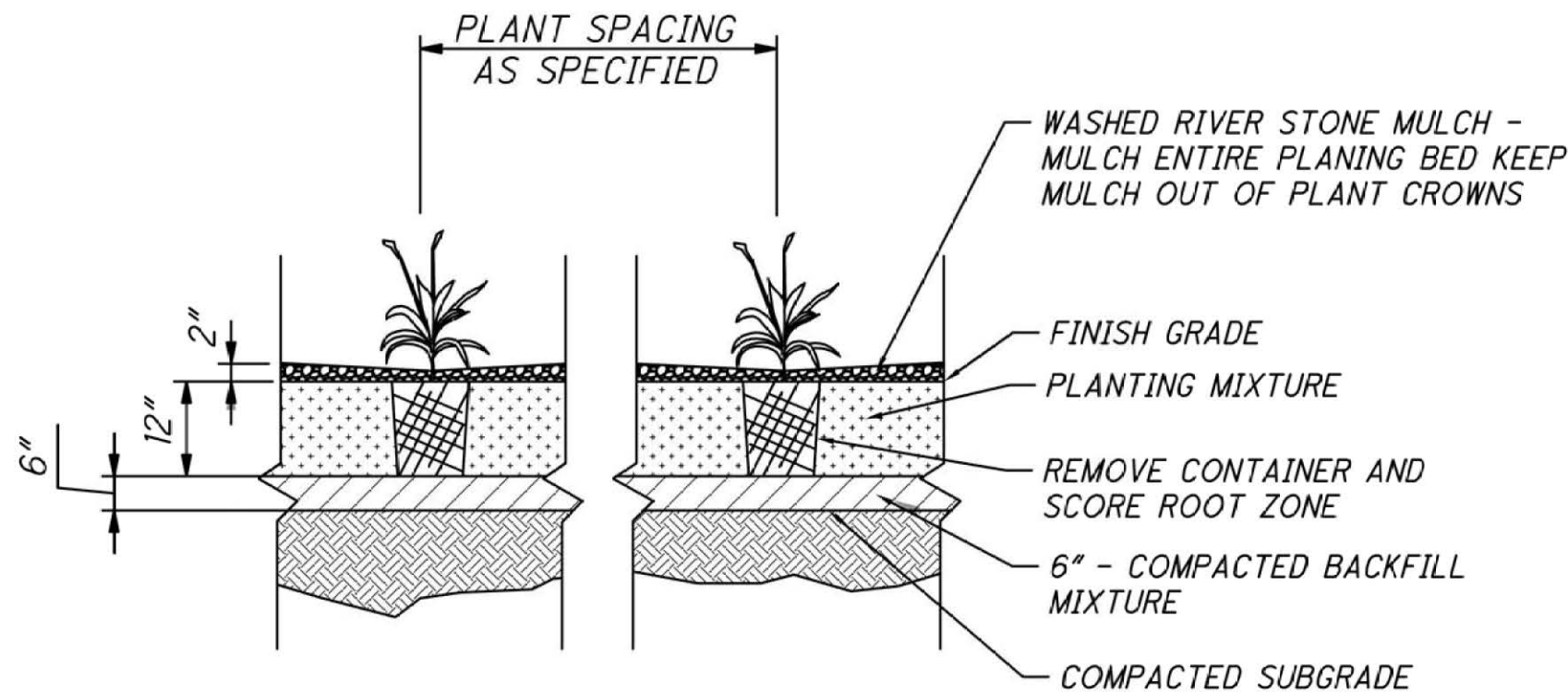
ITEM 661 - MULCH, AS PER PLAN
THIS ITEM SHALL MEET ALL THE REQUIREMENTS OF 611.11,
EXCEPT THE MULCH MATERIAL SHALL BE WASHED RIVER
STONE



TREE PLANTING DETAIL



SHRUB PLANTING DETAIL



ORNAMENTAL GRASS/PERENNIAL BED PLANTING DETAIL

LOGO:



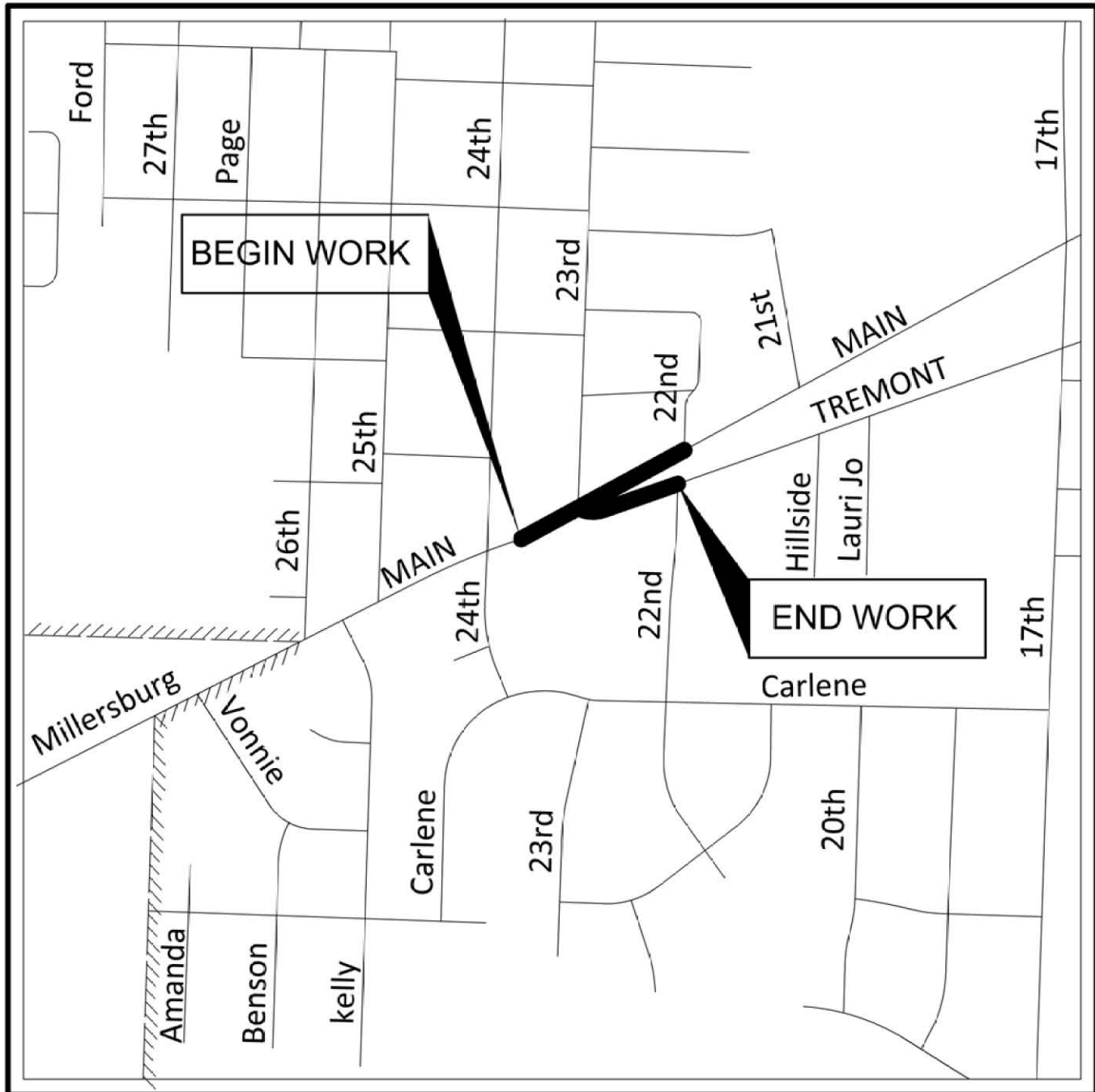
DESIGNER

FPW

REVIEWER / DATE
AP 7/2025

PROJECT ID
00s108/120493

SHT NO. TOTAL
49 49



LOCATION MAP

LATITUDE: 40°47'14" LONGITUDE: -81°33'03"



TYPES OF TITLE LEGEND:
T = TEMPORARY EASEMENT

NOTE: ALL TEMPORARY PARCELS TO BE OF
12 MONTH DURATION.

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY
EASEMENTS TO BE USED FOR STORAGE OF MATERIAL
OR EQUIPMENT BY THE CONTRACTOR UNLESS
NOTED OTHERWISE.

MONUMENT LEGEND

① I.P.F. IRON PIN FOUND

CONVENTIONAL SYMBOLS

- Section Line
- Right of Way (Ex) Ex R/W
- Temporary Right of Way TMP
- Center Line
- Fence Line (Ex) (Pr)
- Guardrail (Ex) (Pr)
- Construction Limits
- Edge of Pavement (Ex)
- Edge of Pavement (Pr)
- Edge of Shoulder (Ex)
- Edge of Shoulder (Pr)
- Ditch / Creek (Ex)
- Ditch / Creek (Pr)
- Tree Line (Ex)
- Ownership Hook Symbol
- Property Line Symbol
- Break Line Symbol
- Fence Line (Ex) (Pr)
- Sign (Ex) Sign (Pr)
- Post (Ex) Sign (Pr)
- Power Pole (Ex)
- Septic Tank (Ex)

- Example
- Example
- Example

I, Chad S Snow, P.S. have conducted a survey of the existing conditions for Massillon, Ohio between October 30, 2024 and November 12, 2024. The results of that survey are contained herein. See the Survey Parameters note affixed to these plans for the horizontal and vertical survey parameters used for this project. As part of this project, I have reestablished the locations of the existing boundary lines, the existing center line of Right of Way and the existing Right of Way limits as necessary for the property takes contained herein. As a part of this project I have established the proposed boundary lines, calculated the Gross Take, present road occupied (PRO), Net Take and Net Residue. All of my work contained herein was conducted in accordance with the Ohio Administrative Code Chapter 4733-37 Standards for Boundary Survey unless so noted. The word "I and my" as used herein are to mean that either myself or someone working under my direction supervision.

CHAD S. SNOW
REGISTERED PROFESSIONAL SURVEYOR NO 8559

RIGHT OF WAY
LEGEND SHEET
STA Main/Tremont RAB

STATE OF OHIO, COUNTY OF STARK, CITY OF MASSILLON
SECTION 13, TOWNSHIP 12, RANGE 10
CONGRESS LANDS NORTH OF THE OLD SEVEN RANGES

INDEX OF SHEETS:

- RW LEGEND SHEET 1
- R/W PLAN SHEET 2

PLANS PREPARED BY:

FIRM NAME : ms consultants, inc./CITY OF MASSILLON
R/W DESIGNER : FRED WERNER
R/W REVIEWER : CHAD SNOW
FIELD REVIEWER : NA
PRELIMINARY FIELD REVIEW DATE : NA
OWNERSHIP UPDATED BY : CSS
DATE COMPLETED : 08/29/25
FIELD REVIEWER : AWS
FINAL FIELD REVIEW DATE : 09/02/25
FINAL R/W PLAN DATE : --/------

PROJECT DESCRIPTION

CONSTRUCT A NEW ROUNDABOUT AT THE INTERSECTION OF MAIN AVE AND
TREMONT AVE AND 23RD ST IN THE CITY OF MASSILLON, STARK COUNTY, OHIO

WORK SHALL INCLUDE FULL DEPTH PAVEMENT, PAVEMENT PLANING, PLACEMENT
OF A NEW SURFACE COURSE, CURB, DRIVE APRON RECONSTRUCTION, CONCRETE
WALKS, DRIVEWAY, SIGNING, REMOVAL OF SIGNAL, PAVEMENT MARKINGS, AND
MINOR DRAINAGE IMPROVEMENT AND CATCH BASIN REPLACEMENT.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT
CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE
OWNERS:

- AT&T
JEFFREY ZEHNER
(800)364-3247
- AQUA WATER
DONALD SYNDER
(330)833-5764 X50650
- FIRST ENERGY
JOSH TREGO
(330)830-7083
- MASSILLON CABLE
JEFF CAMPBELL
(330)760-3930
- EMBRIDGE
NICK HARRIS
(330)592-6112

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON
THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED
BY SECTION 153.64 O.R.C.~~

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig



OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

SURVEYOR'S SEAL:

SIGNED: _____
DATE: _____

STA Main/Tremont RAB
RIGHT-OF-WAY LEGEND SHEET
City of Massillon
Stark County, Ohio

COMPANY

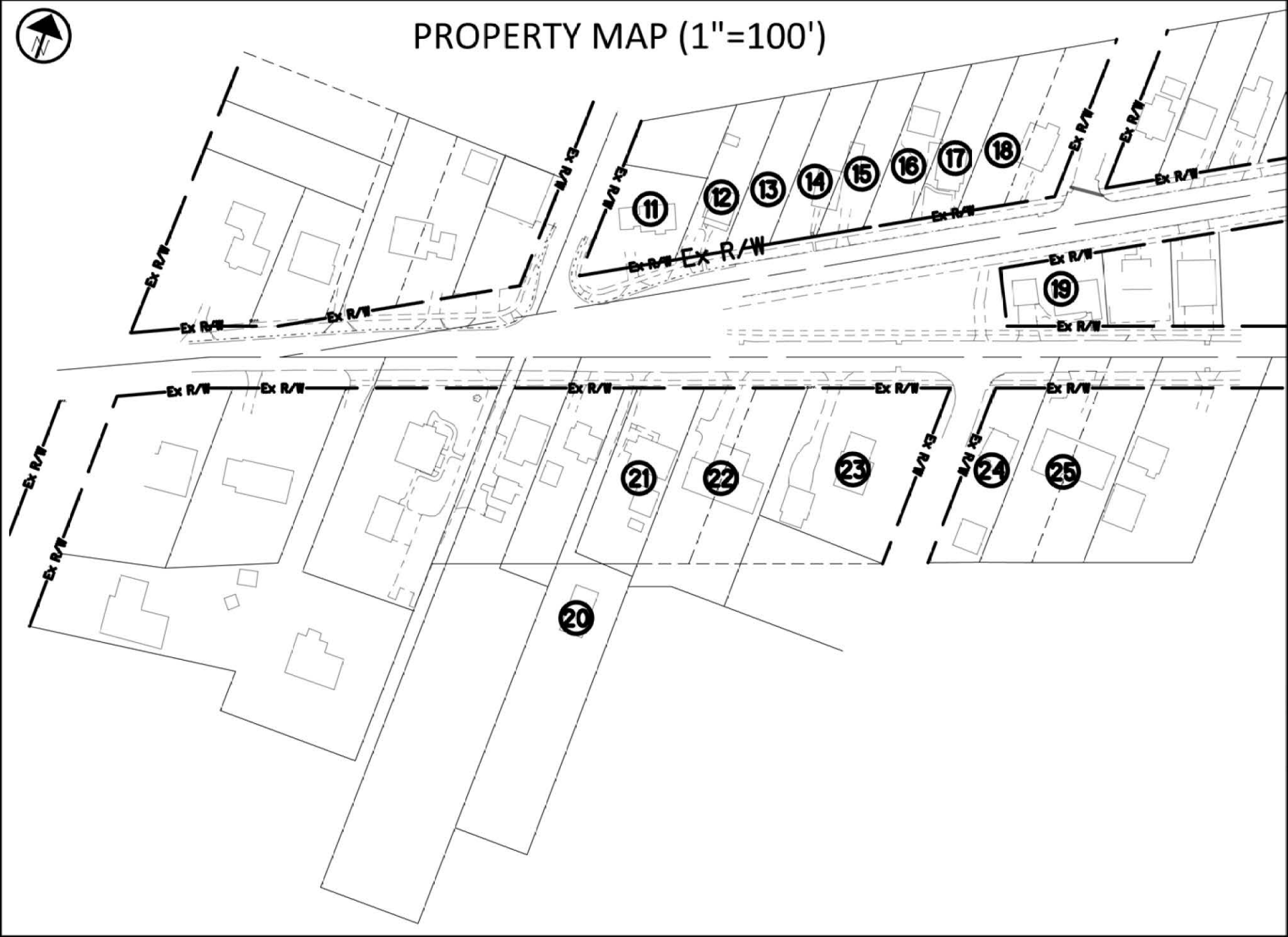
DESIGNER
FW

REVIEWER / DATE
CSS 9/3/25

PROJECT ID
00s108/120493

SHEET No. Total
RW 1 RW 2

STARK COUNTY, CITY OF MASSILLON
SECTION 13, TOWNSHIP 12, RANGE 10
OF THE CONGRESS LANDS NORTH OF THE OLD SEVEN RANGES



NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING:
PLEASANT VIEW ALLOTMENT PB 11 PG 28, PB 59 PG 71, IN. 200806050025662,
IN. 201209270044151, CURRENT DEEDS LISTED BELOW, TAX MAPS AND SURVEYS 05M, 10M, 13M,
15M, & 16M FROM MASSILLON SHEET 50 SURVEY SCANS.

LEGEND

- ① I.P.F. IRON PIN FOUND
SURVEY CONTROL/MONUMENT
(SEE COORDINATE TABLE)

15-T DESCRIPTION	23-T DESCRIPTION
L1: 11.70' - N 2°30'29" E L2: 56.59' - N 61°15'12" E L3: 20.93' - N 2°41'10" E L4: 30.19' - S 89°09'42" E L5: 15.14' - S 2°24'53" W L6: 92.00' - S 61°15'12" W	L7: 137.92' - N 70°43'29" E L8: 22.50' - S 1°47'30" W L9: 137.89' - S 70°43'29" W L10: 22.49' - N 1°42'45" E

BASIS FOR BEARING:

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY BEARINGS SHOWN HEREON ARE MEASURED FROM GRID NORTH, REFERENCE TO THE OHIO STATE PLANE COORDINATE SYSTEM (NORTH ZONE) AND THE NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

COORDINATE TABLE (GROUND)					
POINT #	CL OF R/W	STATION	OFFSET	NORTH	EAST
5001	MAIN AVE W	43+18.21	31.24' LT	409701.4310	2231292.0800
5002	MAIN AVE W	44+09.71	30.50' LT	409744.7910	2231372.6550
5003	MAIN AVE W	44+41.33	30.07' RT	409706.8890	2231429.5090
6001	TREMONT AVE SW	21+54.48	30.14' RT	409503.1670	2231198.0070
6002	TREMONT AVE SW	22+54.36	36.29' RT	409536.7490	2231292.0750
6003	TREMONT AVE SW	23+92.41	29.12' RT	409582.6790	2231422.2580
6004	TREMONT AVE SW	24+46.99	29.78' RT	409656.2920	2231454.3320
6005	TREMONT AVE SW	24+87.07	27.48' RT	409615.4740	2231511.0710

GRANTEE:

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF MASSILLON CITY, OHIO.

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. TAKE	NET TAKE	STRUCTURE	NET RESIDUE		TYPE FUND	REMARKS
											LEFT	RIGHT		
11	JUSTIN LEWANDOWSKI		202311200039423	609576	0.19	0.000				NO				
12	CARY M & KARLA MARSH		VOL 1385 PG 199	612974	0.15	0.000				NO				
13	CARY M & KARLA MARSH		VOL 1385 PG 199	612975	0.15	0.000				NO				
15-T	AARON J & CARRIE BOWERS		201609160036826	607454	0.15	0.000	0.011	0.000	0.011	NO				TOTAL ACREAGE FOR 15-T = 0.030 AC.
15-T	AARON J & CARRIE BOWERS		201609160036826	607455	0.15	0.000	0.019	0.000	0.019	NO				TO CONSTRUCT DRIVE AND TURN AROUNDS
16	BRADLEY R MEHRMAN		201806060022094	611433	0.15	0.000				NO				
17	BRADLEY R MEHRMAN		201806060022094	611434	0.15	0.000				NO				
18	GERALD M MAZZIOTTA		201307220036083	611068	0.30	0.000				NO				
19	LORI A GARDNER		199701210002842	619409	0.27	0.000				NO				
20	DEBRA L WISE		201512040048615	608096	0.05	0.000				NO				
21	DEBRA L WISE		201512090049265	604733	0.27	0.000				NO				
22	HAROLD M & MARY K SIRGO		199507270033907	617297	0.48	0.000				NO				
23-T	CHLOE NICKSON AND THEODORE ROBERT NICKSON		202309110030412	614066	0.47	0.000	0.066		0.066	NO				TO CONSTRUCT DRIVE AND TURN AROUNDS
24	CARLA ROJICE		201505210019027	606013	0.23	0.035				NO				
25	JAMES AUBREY VALLANCE & CHRISTINE BATES		20230717023226	616061	0.47	0.070				NO				

TOTAL NUMBER OF :

2 OWNERSHIPS
2 PARCELS
0 TOTAL TAKES
0 OWNERSHIPS W/ STRUCTURES INVOLVED

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE
NET TAKE = GROSS TAKE - PRO IN TAKE

* DENOTES RIGHT OF WAY ENCROACHMENT
(c)=CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 12 MONTHS DURATION.
NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

COMPANY



DESIGNER

FW

REVIEWER / DATE

CSS 9/3/2025

PROJECT ID

00s108/120493

SHEET

FW 2

SHEET

FW 2

STA Main/Tremont RAB

Site Plan

City of Massillon

Stark County, Ohio

HORIZONTAL SCALE IN FEET

