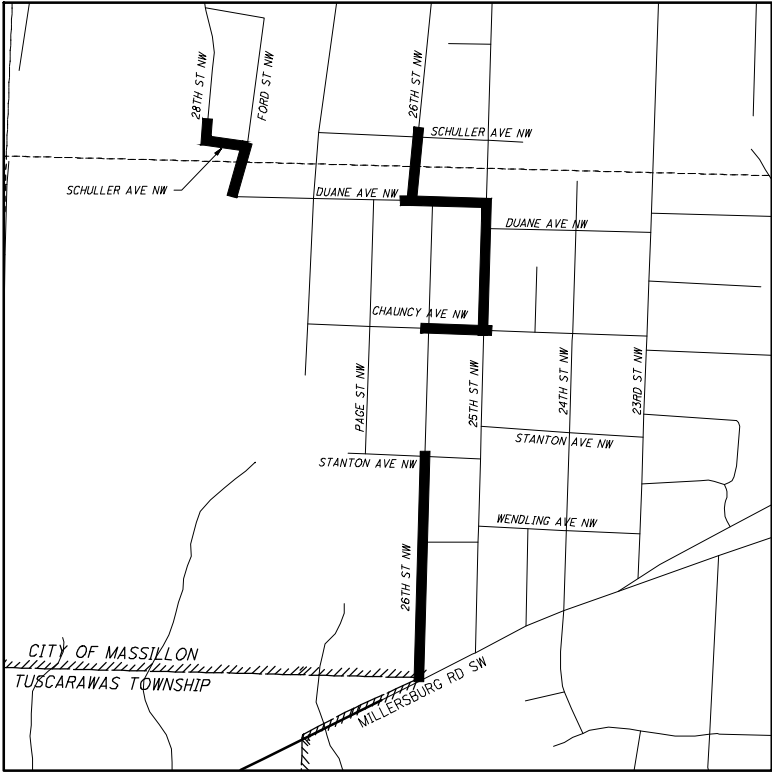


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LOCATION MAP

LATITUDE: N 40°47'26" LONGITUDE: W 81°33'12"

SCALE IN FEET



PORTION TO BE IMPROVED
INTERSTATE & DIVIDED HIGHWAY
UNDIVIDED STATE & FEDERAL ROUTES
OTHER ROADS

STORM SEWER AND ROADWAY IMPROVEMENT 26TH ST NW AREA CITY OF MASSILLON

JULY, 2024

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PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF STORM SEWER IMPROVEMENTS TO THE SUBDIVISION SURROUNDING 26TH ST NW. THE ROADWAY WILL BE RECONSTRUCTED WITH CURBS TO PROVIDE ADEQUATE DRAINAGE TO THE NEW STORM SYSTEM.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	4.34 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	4.59 ACRES

2023 SPECIFICATIONS

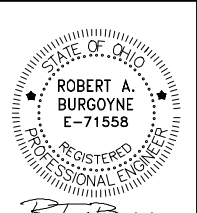
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION 2023 CONSTRUCTION & MATERIALS SPECIFICATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM



ROBERT A. BURGOWNE
E-71558
REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

REVISIONS

NO.	DATE	DESCRIPTION
-----	------	-------------

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
TITLE SHEET

UNDERGROUND UTILITIES

CONTACT BOTH SERVICES TWO WORKING DAYS
BEFORE YOU DIG



OHIO811.org
Before You Dig

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

OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
1-800-925-0988

PLAN PREPARED BY:
OHM ADVISORS, INC.
388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

ODOT STANDARD CONSTRUCTION DRAWINGS					SUPPLEMENTAL SPECIFICATIONS
BP-2.1	1/21/22			TC-41.20 10/18/13	800-2019 1/20/23
BP-2.2	1/15/21			TC-42.10 10/18/13	832 7/15/22
BP-3.1	1/21/22			TC-42.20 10/18/13	
BP-5.1	7/15/22			TC-52.10 10/18/13	
BP-7.1	7/21/23			TC-52.20 1/15/21	
				TC-71.10 4/21/23	
CB-2-2B	1/20/23			TC-74.10 7/21/23	
CB-3	7/16/21				
				MT-95.31 7/19/19	
HW-2.1	7/15/22			MT-95.32 4/19/19	
				MT-99.20 4/19/19	
DM-4.2	7/20/12			MT-101.60 4/21/23	
DM-4.3	1/15/16			MT-101.90 7/17/20	
DM-4.4	1/15/16			MT-105.10 1/17/20	

APPROVALS

APPROVED BY MASSILLON CITY ENGINEERING THIS
14 DAY OF AUGUST, 2024.
Alex Pitts, P.E.

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GENERAL UTILITY LABEL INFO

- ***-XX

DUPLICATE EX STORM/SANITARY
- ***-XX

DUPLICATE PROP STORM/SANITARY
- **-###

DUPLICATE WATER WORK

GENERAL LABEL INFO & ABBREVIATIONS

- DV-###

DRIVEWAY
- (TBA)

TO BE ABANDONED
- (TBR)

TO BE REMOVED
- (ADJ)

ADJUST TO GRADE

WATERMAIN LABELS

- WM-###

PROP WATERMAIN
- WS-###

PROP WATER SERVICE LINE
- WH-###

PROP WATER HYDRANT
- WV-###

PROP WATER VALVE
- WW-###

PROP WATER WORK ITEM
- WJ-###

EX WATER WORK ITEM (ADJ TO GRADE)
- WR-###

EX WATER WORK ITEM (TO BE REMOVED)
- AB-###

EX WATER WORK ITEM (TO BE ABANDONED)

STORM LABELS

- EST-XX

EX STORM SEWER
- ST-XX

PROP STORM SEWER
- ED-XX

EX STORM STRUCTURE
- D-XX

PROP STORM STRUCTURE
- HW-XX

PROP HEADWALL
- DJ-XX

EX STORM STRUCTURE (ADJ TO GRADE)
- DR-XX

EX STORM ITEM (TO BE REMOVED)
- AB-XX

EX STORM ITEM (TO BE ABANDONED)
- DL-XX

PROP STORM LATERAL

SANITARY LABELS

- ESA-XX

EX SANITARY SEWER
- ECS-XX

EX COMBINED SEWER
- SA-XX

PROP SANITARY SEWER
- ES-XX

EX SANITARY STRUCTURE
- S-XX

PROP SANITARY STRUCTURE
- SJ-XX

EX SANITARY STRUCTURE (ADJ TO GRADE)
- SR-XX

EX SANITARY ITEM (TO BE REMOVED)
- AB-XX

EX SANITARY ITEM (TO BE ABANDONED)
- SL-XX

PROP SANITARY LATERAL

LINE TYPES

	CORPORATION LINE		EX LAKE, RIVER, POND, STREAM, WETLAND, ETC...OUTLINE		PROP LAKE, RIVER, POND, STREAM, WETLAND, ETC...OUTLINE
	COUNTY LINE		EX LIGHTING CONDUIT		PROP LIGHTING CONDUIT
	PROPERTY LINE		EX ELECTRICAL LINE		PROP ELECTRICAL LINE
	SHARED PARCEL LINE		EX FIBER OPTIC LINE		PROP FIBER OPTIC LINE
	CENTERLINE R/W AND/OR CONST.		EX TELECOM LINE		PROP TELECOM LINE
	EX R/W LIMIT		EX CABLE TV LINE		EX OVERHEAD ELECTRIC WIRE(S)
	EX GENERAL EASEMENT		EX OVERHEAD CABLE/TV WIRE(S)		EX OVERHEAD FIBER OPTIC WIRE(S)
	EX LIMITED ACCESS EASEMENT		EX OVERHEAD CABLE/TV/FO WIRE(S)		EX OVERHEAD TELECOM WIRE(S)
	EX UTILITY EASEMENT		EX OVERHEAD COMBINED WIRE(S)		EX OVERHEAD TELECOM/FO WIRE(S)
	PROP WORK AGREEMENT LIMITS		EX OIL LINE		PROP GAS LINE
	PROP CONSTRUCTION LIMITS		EX GAS LINE		PROP WATER MAIN
	EX RAILROAD		EX WATER MAIN		EX LEACH BED AREA
	EX SHRUB LINE		EX COMBINED SEWER		PROP SANITARY SEWER
	EX TREE LINE		EX SANITARY SEWER		PROP STORM SEWER
	EX FENCE		EX STORM SEWER		PROP UNDERDRAIN
	EX CABLE GUARDRAIL		EX UNDERDRAIN		
	EX GUARDRAIL				
	PROP FENCE				
	PROP CABLE GUARDRAIL				
	PROP GUARDRAIL				
	EX GUARDRAIL (TO BE REPLACED)				

SYMBOLS

	BENCHMARK		EX TREE		EX LIGHT POLE		EX TELECOM & POWER POLE		EX WATER METER
	EX MONUMENT BOX		EX SHRUB		PROP LIGHT POLE		PROP TELECOM & POWER POLE		PROP WATER METER
	PROP MONUMENT BOX		EX EVERGREEN TREE		EX LIGHTING PULL BOX		EX UNKNOWN UTILITY POLE		EX WATER GATE VALVE
	EX IRON PIN FOUND - NO ID		EX STUMP		PROP LIGHTING PULL BOX		EX GUYWIRE ANCHOR		PROP WATER GATE VALVE
	EX IRON PIN FOUND - WITH ID		EX SIGNAL PEDESTAL POLE		EX POWER POLE		EX GAS VALVE		EX WATER SERVICE STOP
	EX IRON PIPE FOUND		PROP SIGNAL PEDESTAL POLE		PROP POWER POLE		PROP GAS VALVE		PROP WATER SERVICE STOP
	PROP IRON PIN SET - WITH ID		EX SIGNAL STRAIN/SUPPORT POLE		EX POWER & LIGHT POLE		EX GAS SERVICE STOP		EX WATER HYDRANT
	EX PK NAIL FOUND		PROP SIGNAL STRAIN/SUPPORT POLE		PROP POWER & LIGHT POLE		PROP GAS SERVICE STOP		PROP WATER HYDRANT
	EX LARGE ROCK		EX SIGNAL PULL BOX		EX ELECTRIC METER		EX GAS METER		EX WATER MH
	EX AIR CONDITIONER		PROP SIGNAL PULL BOX		EX ELECTRIC PULL BOX		EX GAS LINE MARKER		EX WATER MH (ADJ TO GRADE)
	EX STATIONARY BBQ GRILL		EX SIGNAL/TRAFFIC MH		PROP ELECTRIC PULL BOX		EX GAS MH		PROP WATER MH
	EX YARD LIGHT		EX SIGNAL/TRAFFIC MH (ADJ TO GRADE)		EX TELECOM POLE		EX GAS WELL		EX STORM MH
	EX FLAG POLE		PROP SIGNAL/TRAFFIC MH		PROP TELECOM POLE		EX SEPTIC TANK		EX STORM MH (ADJ TO GRADE)
	EX MAIL BOX		EX SINGLE POST SIGN(S)		PROP TELECOM POLE		EX SANITARY MH		PROP STORM MH
	EX MAIL BOX (TO BE RELOCATED)		EX DOUBLE POST SIGN(S)		EX TELECOM & LIGHT POLE		EX SANITARY MH (ADJ TO GRADE)		EX STORM CB
	PROP MAIL BOX		EX DOUBLE POST SIGN(S)		PROP TELECOM & LIGHT POLE		PROP SANITARY MH		EX STORM CB (ADJ TO GRADE)
	EX PAPER BOX		EX DOUBLE POST SIGN(S)		EX TELECOM, LIGHT, & POWER POLE				PROP STORM CB
	EX PARKING METER		EX POST(S) 4 SIGNS		PROP TELECOM, LIGHT, & POWER POLE		EX DRAINAGE FLOW ARROW		EX STORM INLET
	EX POST		PROP POST(S) 4 SIGNS				PROP DRAINAGE FLOW ARROW		EX STORM INLET (ADJ TO GRADE)
	EX SPRINKLER HEAD								PROP STORM INLET

ARCHITECTS ENGINEERS PLANNERS

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Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

REVISIONS

--	--

DATE

PROJ NUMBER

ENG

PROJ LEADS

CADD

CITY/VILLAGE/TOWNSHIP

COUNTY

STATE

7/19/24

30622040

BAH

CCO

MASSILLON

STARK

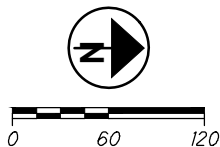
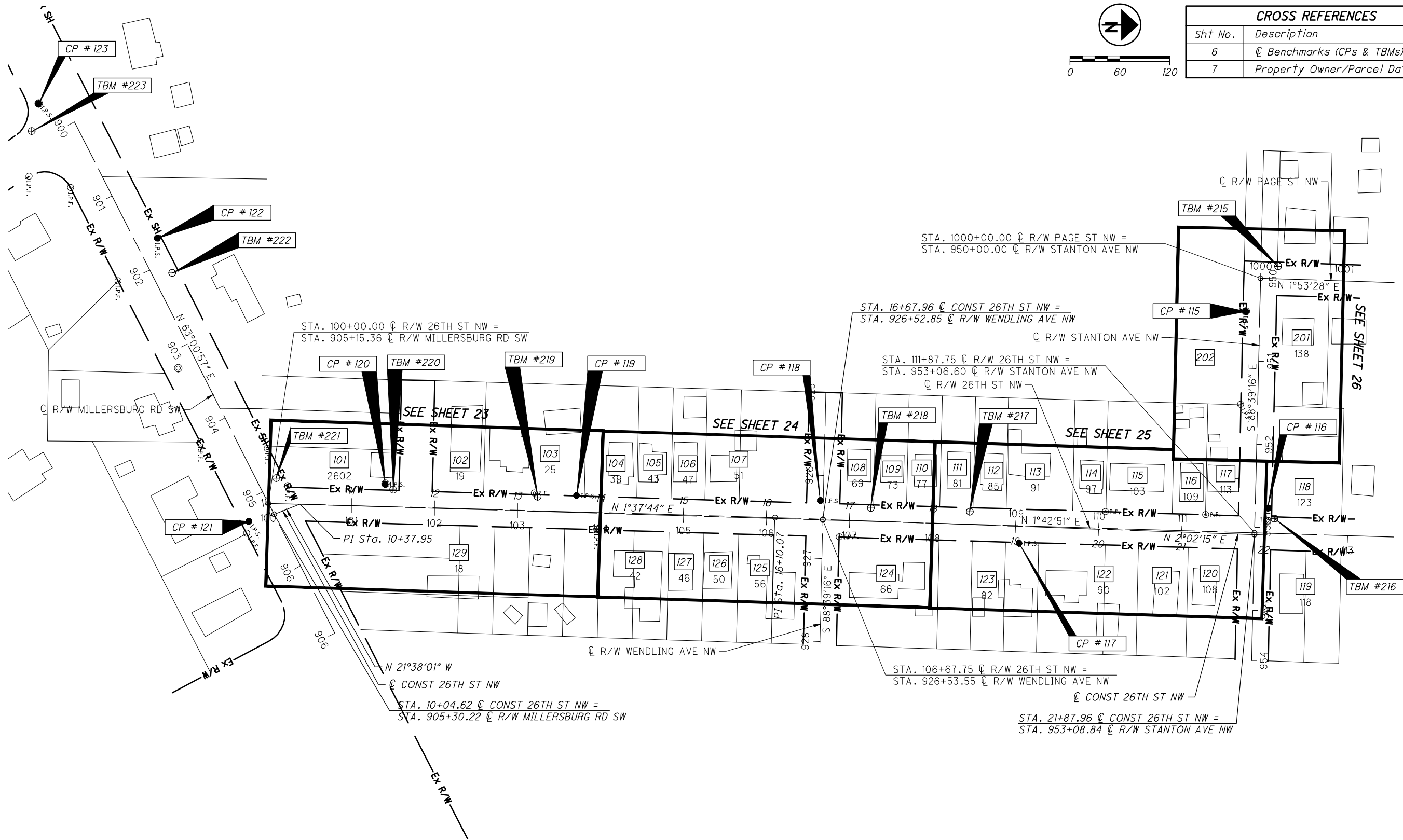
CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

MASTER DRAWING LEGEND

2 of 114

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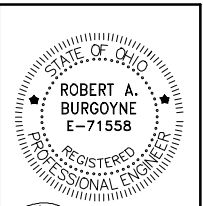
CROSS REFERENCES	
Sht No.	Description
6	☒ Benchmarks (CPs & TBMs)
7	Property Owner/Parcel Data (☒)



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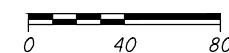
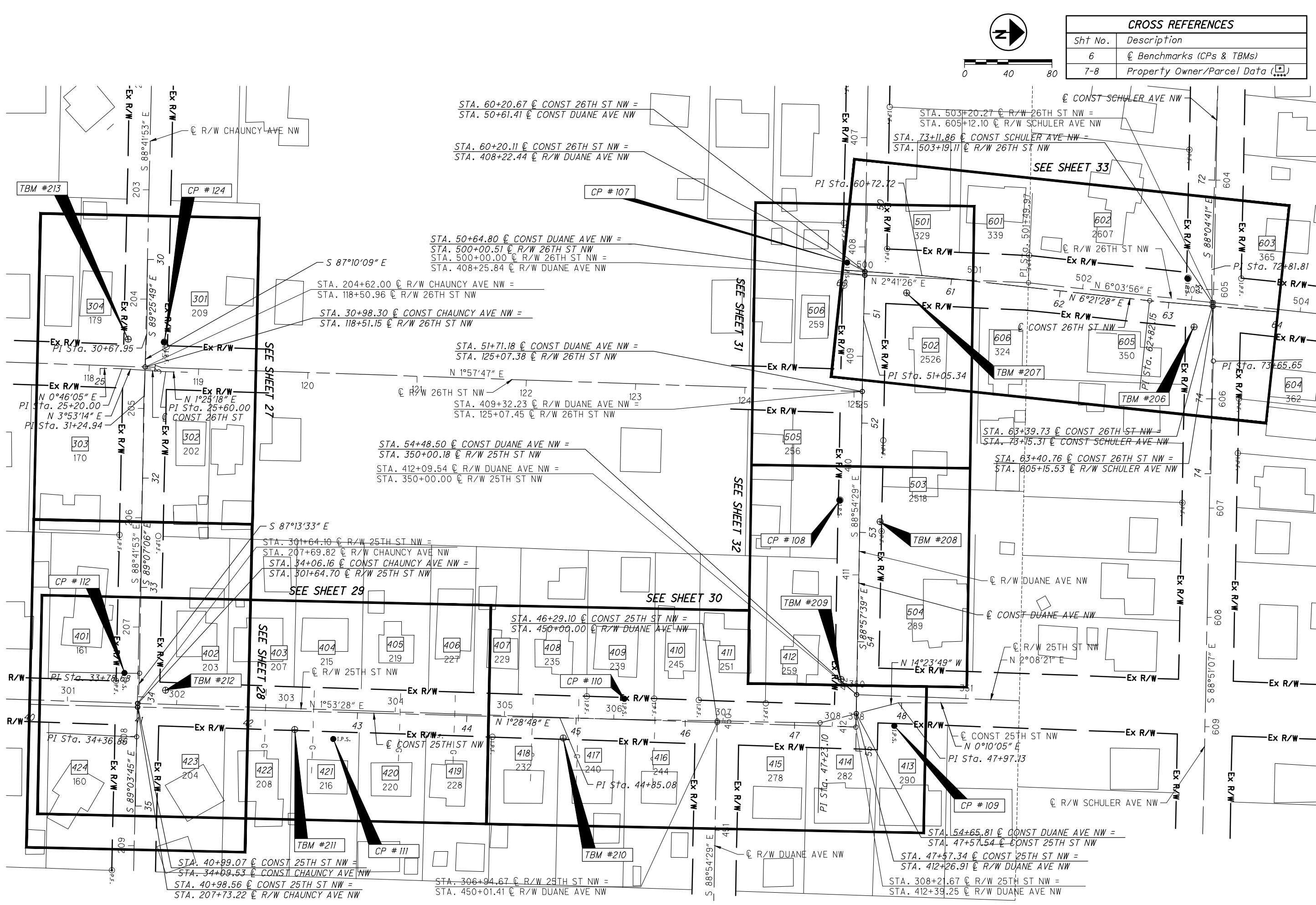


Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
SCHEMATIC PLAN

DATE	PROJ NUMBER	ENG	PROJ LEAD	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	3489-22040	CCO	RAB	CHM	STARK	CITY OF MASSILLON

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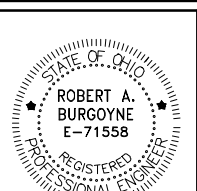
CROSS REFERENCES	
Sht No.	Description
6	☒ Benchmarks (CPs & TBMs)
7-8	Property Owner/Parcel Data (☒)



ARCHITECTS ENGINEERS PLANNERS

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AKRON, OH 44311
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REVISIONS

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

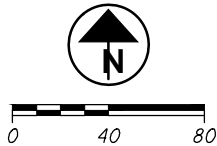
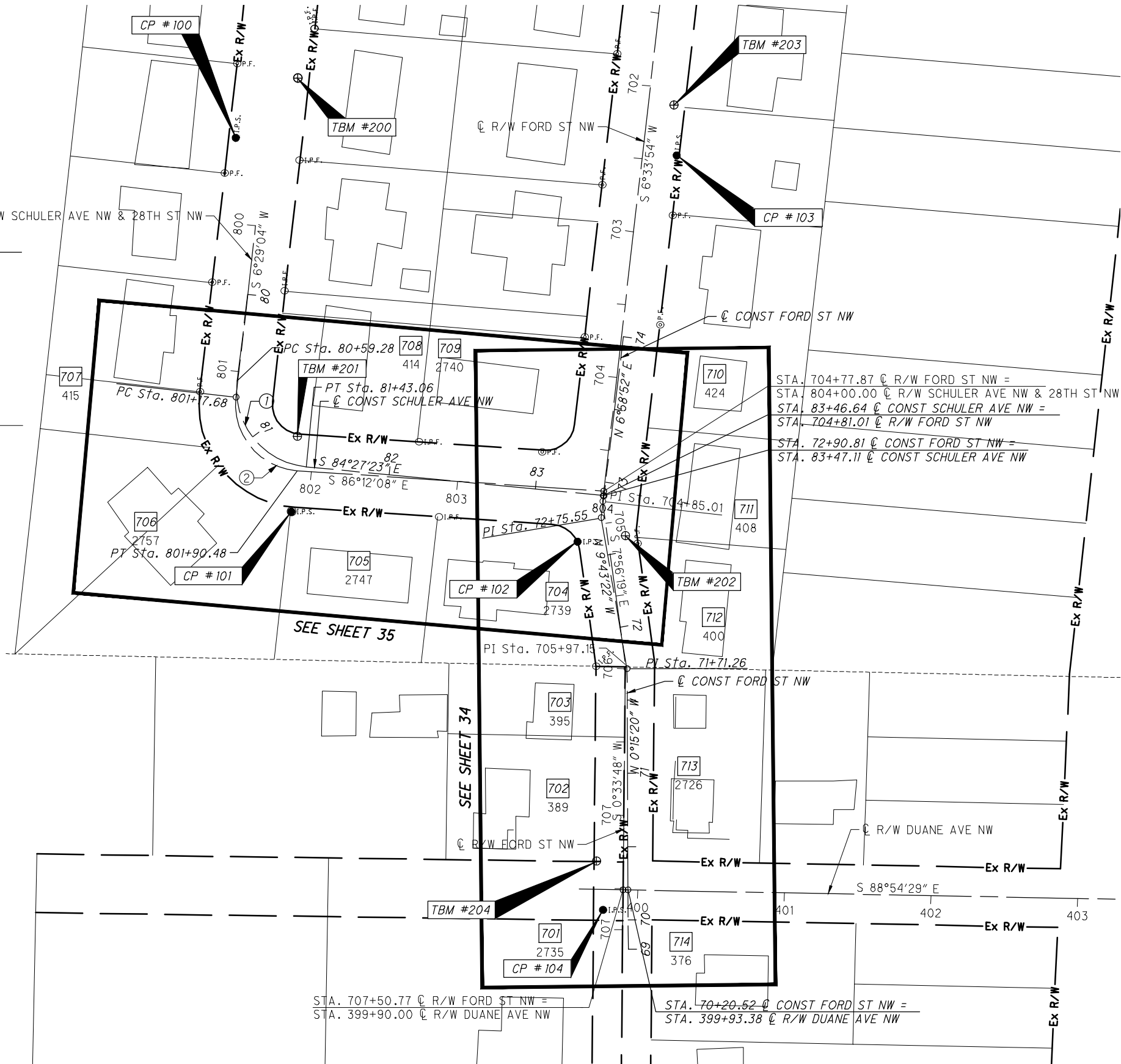
SCHEMATIC PLAN

DATE	PROJ NUMBER	ENG	PROJ LEADER	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	3489-220240	SS	SS	SS	SS	SS

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① CURVE DATA
PI Sta. 81+13.11
 $\Delta = 91^\circ 26' 16''$
Dc = 109° 08' 17"
R = 52.50'
T = 53.83'
L = 83.78'
E = 22.69
C = 75.17
CB = S 38° 44' 15" E
PC Sta. 80+59.28
PT Sta. 81+43.06

② CURVE DATA
PI Sta. 801+64.84
 $\Delta = 92^\circ 41' 12''$
Dc = 127° 19' 26"
R = 45.00'
T = 47.16'
L = 72.80'
E = 20.19
C = 65.11
CB = S 39° 51' 32" E
PC Sta. 801+17.68
PT Sta. 801+90.48



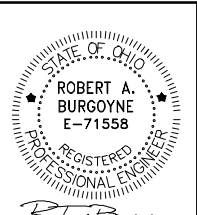
CROSS REFERENCES	
Sht No.	Description
6	☒ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (☒)



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#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
SCHEMATIC PLAN

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PRIMARY PROJECT CONTROL INFORMATION				
POINT NUMBER	GRID COORDINATES U.S. SURVEY FEET		ORTHOMETRIC HEIGHT (ELEVATION)	DESCRIPTION
	NORTHING	EASTING		
CP100	411997.267	2228739.840	1082.10	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP101	411742.471	2228777.781	1085.87	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP102	411722.005	2228972.964	1089.80	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP103	411985.254	2229040.607	1083.68	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP104	411471.035	2228990.328	1100.55	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP105	411819.948	2229530.718	1100.55	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP106	411764.371	2229842.747	1095.94	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP107	411452.946	2229828.133	1092.06	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP108	411446.144	2230045.604	1087.09	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP109	411496.057	2230251.876	1083.48	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP110	411249.131	2230227.133	1082.69	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP111	410982.850	2230263.882	1083.47	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP112	410791.842	2230203.470	1085.83	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP115	410137.374	2229635.549	1097.12	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP116	410164.193	2229872.341	1100.10	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP117	409864.254	2229914.654	1099.83	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP118	409625.119	2229863.181	1094.14	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP119	409331.426	2229857.047	1087.84	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP120	409101.058	2229843.649	1083.68	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP121	408936.755	2229888.349	1073.72	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP122	408826.914	2229547.288	1067.69	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP123	408683.674	2229385.341	1064.99	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP124	410828.208	2229900.880	1090.46	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"
CP125	410855.8330	2229641.137	1096.04	TEMPORARY PROJECT CONTROL - 5/8"x30" REBAR WITH RED CAP "TRAVERSE"

CROSS REFERENCES	
Sheet No.	Description
3-5	Schematic Plans

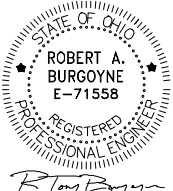
PRIMARY PROJECT CONTROL INFORMATION				
POINT NUMBER	GRID COORDINATES U.S. SURVEY FEET		ORTHOMETRIC HEIGHT (ELEVATION)	DESCRIPTION
	NORTHING	EASTING		
TMB200	412037.909	2228782.119	1082.39	BENCH TIE IN POWER POLE
TBM201	411793.767	2228781.782	1085.27	N. FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"
TBM202	411726.055	2229005.542	1090.77	RR SPIKE IN POWER POLE
TBM203	412019.549	2229038.553	1084.22	BENCH TIE IN POWER POLE
TBM204	411504.356	2228985.813	1100.15	RR SPIKE IN POWER POLE
TBM205	411788.941	2229500.984	1102.30	BENCH TIE IN POWER POLE
TBM206	411770.079	2229887.027	1096.83	BENCH TIE IN POWER POLE
TBM207	411507.306	2229855.923	1094.26	BENCH TIE IN POWER POLE
TBM208	411482.817	2230065.1540	1086.58	BENCH TIE IN POWER POLE
TBM209	411447.097	2230209.469	1085.87	N. FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"
TBM210	411193.115	2230263.123	1082.26	BENCH TIE IN POWER POLE
TBM211	410947.554	2230255.334	1083.76	BENCH TIE IN POWER POLE
TBM212	410829.403	2230219.216	1086.75	NNW FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"
TBM213	410795.188	2229898.299	1093.64	N. FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"
TBM214	410845.034	2229605.822	1098.20	NNE FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"
TBM215	410176.104	2229581.185	1098.91	NNE FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"
TBM216	410171.575	2229885.014	1102.71	NNE FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"
TBM217	409804.716	2229876.788	1099.16	BENCH TIE IN POWER POLE
TBM218	409685.719	2229872.235	1097.31	BENCH TIE IN POWER POLE
TBM219	409284.595	2229858.589	1088.76	BENCH TIE IN POWER POLE
TBM220	409110.462	2229850.213	1084.56	BENCH TIE IN POWER POLE
TBM221	408969.510	2229836.451	1075.34	16D NAIL IN POWER POLE
TBM222	408675.223	2229589.104	1070.08	BENCH TIE IN POWER POLE
TBM223	408675.223	2229418.539	1065.82	NE FLANGE BOLT OF FIRE HYDRANT MARKED W/ STAMPED "X"



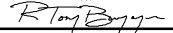
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AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM



ROBERT A. BURGOWNE
E-71558



Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

DATE: 7/19/24

PROJ NUMBER: SW22049

ENG: CCO

PROJ LEAD: RAB

CADD: CHM

COUNTY: STARK

CITY/VILLAGE/TOWNSHIP: CITY OF MASSILLON

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

PROJECT CONTROL POINTS

6 of 114

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101

#613129
MICHAEL R LIMBACH
2602 MAIN AVE W
MASSILLON, OH 44647

107

#613310 & #613309
LISA M BISHOP
ALFRED F & PATRICIA R KEER
51 26TH ST NW
MASSILLON, OH 44647

113

#613303
THINK BIG II LLC
91 26TH ST NW
MASSILLON, OH 44647

119

#613242
MELINDA J BAKER
118 26TH ST NW
MASSILLON, OH 44647

125

#613229 & #613228
CLINT SMITH
56 26TH ST NW
MASSILLON, OH 44647

201

#613319
JUSTIN B SWARTZ
138 PAGE ST NW
MASSILLON, OH 44647

301

#619089 & #613286
ELAINE M HAIN
209 26TH ST NW
MASSILLON, OH 44647

102

#618757
RONALD R CARPENTER
LINDA K CARPENTER
19 26H ST NW
MASSILLON, OH 44647

108

#613308
WILLIAM M FRITZ
69 26TH ST NW
MASSILLON, OH 44647

114

#613302
JEFFREY E STAUFFER
97 26TH ST NW
MASSILLON, OH 44647

120

#616608
GREGORY DOTSON
108 26TH ST NW
MASSILLON, OH 44647

126

#613227
MARY E RAGAN
50 26TH ST NW
MASSILLON, OH 44647

202

#681180
MASSILLON CITY SCHOOL DISTRICT
BOARD OF EDUCATION
29TH ST NW
MASSILLON, OH 44647

302

#613256
CHRISTI A GREEN
202 26TH ST NW
MASSILLON, OH 44647

103

#10009043
SCOTT M ASHLEY
MICHELLE D LAVWAY
25 26TH ST NW
MASSILLON, OH 44647

109

#613307
FE V LAMBERT
73 26TH ST NW
MASSILLON, OH 44647

115

#613301
BETTIE J STANTON
103 26TH ST NW
MASSILLON, OH 44647

121

#616594
JOESPH M ULLOM
CHARLOTTE K ULLOM
102 26TH ST NW
MASSILLON, OH 44647

127

#613226
TAMA L MICHALEK
46 26TH ST NW
MASSILLON, OH 44647

303

#613255
RONALD J MOORE
JANET L MOORE
170 26TH ST NW
MASSILLON, OH 44647

104

#10009044
ATALLA KARI, RAMZI RIADI
RANNY SWEIS
39 26TH ST NW
MASSILLON, OH 44647

110

#613306
MICHAEL CAMPISI
77 26TH ST NW
MASSILLON, OH 44647

116

#613300
RODGER K LAMP
DEBORAH J LAMP
109 26TH ST NW
MASSILLON, OH 44647

122

#613238 & #615773
DEAN E VOLZER
KAREN M VOLZER
90 26TH ST NW
MASSILLON, OH 44647

128

#613225 & #613224
JOHN K DAYTON
VIRGINIA C DAYTON
42 26TH ST NW
MASSILLON, OH 44647

304

#613289
RANDY M GOCH
MICHELLE R GOCH
179 26TH ST NW
MASSILLON, OH 44647

105

#613312
ARTHUR L SNYDER JR
43 26TH ST NW
MASSILLON, OH 44647

111

#613305
CODY WOLFE
ANGELA OSBORNE
81 26TH ST NW
MASSILLON, OH 44647

117

#613299
GARY L WHITTENBERGER
SHARON K WHITTENBERGER
113 26TH ST NW
MASSILLON, OH 44647

123

#613235, #613234, #613233
BRETT W GOWINS
CORINA L GOWINS
82 26TH ST NW
MASSILLON, OH 44647

129

#613223, #613222, #613221
#613219, #613130, #613131
CHERYL J MARSH
18 26TH ST NW
MASSILLON, OH 44647

106

#613311
JOSHUA LONG
47 26TH ST NW
MASSILLON, OH 44647

112

#613304
MICHAEL A TONN
85 26TH ST NW
MASSILLON, OH 44647

118

#613298
THE GANOE FAMILY
IRREVOCABLE TRUST
123 26TH ST NW
MASSILLON, OH 44647

124

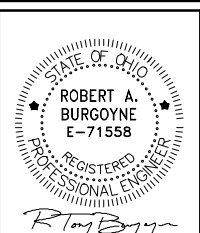
#616616
RICHARD P LAMP
66 26TH ST NW
MASSILLON, OH 44647



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM



Robert A Burgoyne, PE
Ohio Professional Engineer
#71558

REGIONS

CITY OF MASSILLON

CITY VILLAGE/TOWNSHIP

COUNTY

STARK

CDM

PROJ NAME

ENG

CD

DATE

7/19/24

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

PROPERTY OWNERSHIP

SHEET

7 of 114

DRAWING PATH: P:\3000_3489\3022\2040_Shm_Sheet\Juv_Area_SS\CDOT\04\02\10\Design\Roadway\Sheet\3062_CBR01.dwg Jul 19, 2024 7:56am

401

#613191
BIFF H LIND JR
161 25TH ST NW
MASSILLON, OH 44647

407

#613185
JESSICA DIETER
229 25TH ST NW
MASSILLON, OH 44647

413

#613176
KRISTY LYNN GRIM
MARLOWE DELCOMA
290 25TH ST NW
MASSILLON, OH 44647

419

#613170
THOMAS C RICKETT
LEIGH A WICKHAM
228 25TH ST NW
MASSILLON, OH 44647

501

#615863
EDWARD W DEGORDON JR
JUDITH A DEGORDON
329 26TH ST NW
MASSILLON, OH 44647

601

#615763
KAY I KLEVER
339 26TH ST NW
MASSILLON, OH 44647

701

#613117
JOHN R WILLIAMS
COURTNEY WILLIAMS
2735 DUANE AVE NW
MASSILLON, OH 44647

707

#609861
AARON M KRICHBAUM
MACY L MRICHBAUM
415 28TH ST NW
MASSILLON, OH 44647

713

#614160
TERRY HERRING
2726 DUANE AVE NW
MASSILLON, OH 44647

402

#613190
MARY K URBAN
203 25TH ST NW
MASSILLON, OH 44647

408

#613184
DOROTHY J DOWNEY
235 25TH ST NW
MASSILLON, OH 44647

414

#613175
THOMAS M BUSBY
GLORIA BUSBY
282 25TH ST NW
MASSILLON, OH 44647

420

#613169
JONATHON S KRAUSE
220 25TH ST NW
MASSILLON, OH 44647

502

#613274
SHERRI A INCERPI
2526 DUANE AVE NW
MASSILLON, OH 44647

602

#604093
PATRICIA A KOVACSIS
2607 SCHULER AVE NW
MASSILLON, OH 44647

702

#613114
AMANDA HUNSICKER
389 FORD ST NW
MASSILLON, OH 44647

708

#603599
TERRY M COX
414 28TH ST NW
MASSILLON, OH 44647

714

#10008679
JENNIFER T WENZEL
376 FORD ST NW
MASSILLON, OH 44647

403

#613189
FRANCISCO H FORERO
JESSICA N FORERO
207 25TH ST NW
MASSILLON, OH 44647

409

#613183
ORION C MAJESTIC
239 25TH ST NW
MASSILLON, OH 44647

415

#613174
JANICE E DILLEN
278 25TH ST NW
MASSILLON, OH 44647

421

#613168
ADAM PAISLEY
216 25TH ST NW
MASSILLON, OH 44647

503

#613272 & #613271
PAUL J BRADY
CARMEN M BRADY
2518 DUANE AVE NW
MASSILLON, OH 44647

603

#615606
ERIN MARIE BRANNAN
365 26TH ST NW
MASSILLON, OH 44647

703

#613113
JARED DOUGLAS SLUTZ
395 FORD ST NW
MASSILLON, OH 44647

709

#603600
BARBARA BRUGGER
2740 SCHULER AVE NW
MASSILLON, OH 44647

404

#613188
MATTHEW D HERZOG
215 25TH ST NW
MASSILLON, OH 44647

410

#613182
WILLIAM T KEMP
KYLIE J KEMP
245 25TH ST NW
MASSILLON, OH 44647

416

#613173
ANDREW P BARNHART
244 25TH ST NW
MASSILLON, OH 44647

422

#613167
DIANA L PARKER
208 25TH ST NW
MASSILLON, OH 44647

504

#613179
PHYLLIS M STIPE
289 25TH ST NW
MASSILLON, OH 44647

604

#608764
DEBRA ANDREWS
LAWRENCE E ANDREWS JR
362 26TH ST NW
MASSILLON, OH 44647

704

#613096
ANDREA L PENDOLINO
2739 SCHULER AVE NW
MASSILLON, OH 44647

710

#617281
EDWARD G MOLL
424 FORD ST NW
MASSILLON, OH 44647

405

#613187
KATHERINE P MILLER
219 25TH ST NW
MASSILLON, OH 44647

411

#613181
TIMOTHY J COUSINS
LISA M COUSINS
251 25TH ST NW
MASSILLON, OH 44647

417

#613172
DIANE L KEMP
240 25TH ST NW
MASSILLON, OH 44647

423

#613166
SCOTT M DYE
204 25TH ST NW
MASSILLON, OH 44647

505

#613270 & #613269
DARWIN L TEETS, SAMUEL TEETS
HESTER C TEETS
256 26TH ST NW
MASSILLON, OH 44647

605

#601886
KENNETH R CONSTABLE
JANET V CONSTABLE
350 26TH ST NW
MASSILLON, OH 44647

705

#603575
CHRISTINA R SMITH
2747 SCHULER AVE NW
MASSILLON, OH 44647

711

#603578
CALVIN FRANKLIN
408 FORD ST NW
MASSILLON, OH 44647

406

#613186
EVELYN J DONALD
EVELYN J DONALD HOUSTON
227 25TH ST NW
MASSILLON, OH 44647

412

#613180
BARNHUFF PROPERTIES LLC
259 25TH ST NW
MASSILLON, OH 44647

418

#613171
KIMBERLY A ABBOTT
232 25TH ST NW
MASSILLON, OH 44647

424

#613165
SHEILA COFFMAN
RICHARD COFFMAN JR
160 25TH ST NW
MASSILLON, OH 44647

506

#613275
KEITH L AYERS
WAYNE L AYERS
259 26TH ST NW
MASSILLON, OH 44647

606

#613273
ALVA E DODD
CONNIE J DODD
324 26TH ST NW
MASSILLON, OH 44647

706

#603574 & #603573
CLAYTON L ALBERTSON
REBECCA S ALBERTSON
2757 SCHULER AVE NW
MASSILLON, OH 44647

712

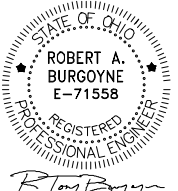
#603577
THOMAS H KELLER
400 FORD ST NW
MASSILLON, OH 44647



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AKRON, OH 44311
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OHM-ADVISORS.COM



Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

REGIONS

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

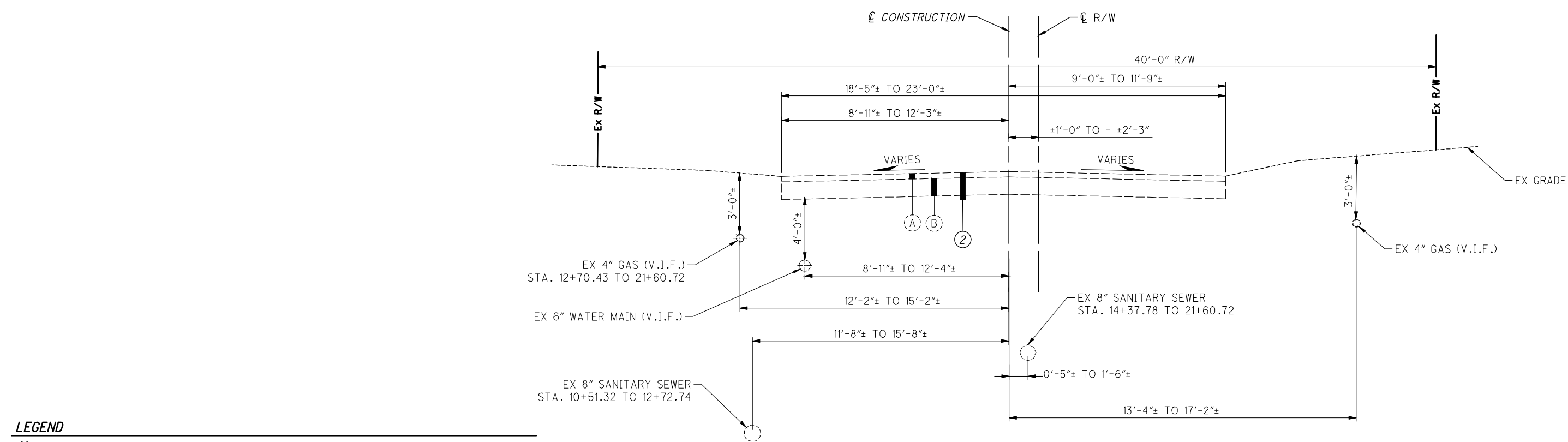
PROPERTY OWNERSHIP

SHEET
71504
DATE
7/19/24
PROJ NUMBER
SNC22049
ENG
CDD
PROJ LEADS
RAB
CADD
CHM
COUNTY
STARK
CITY/VILLAGE/TOWNSHIP
CITY OF MASSILLON

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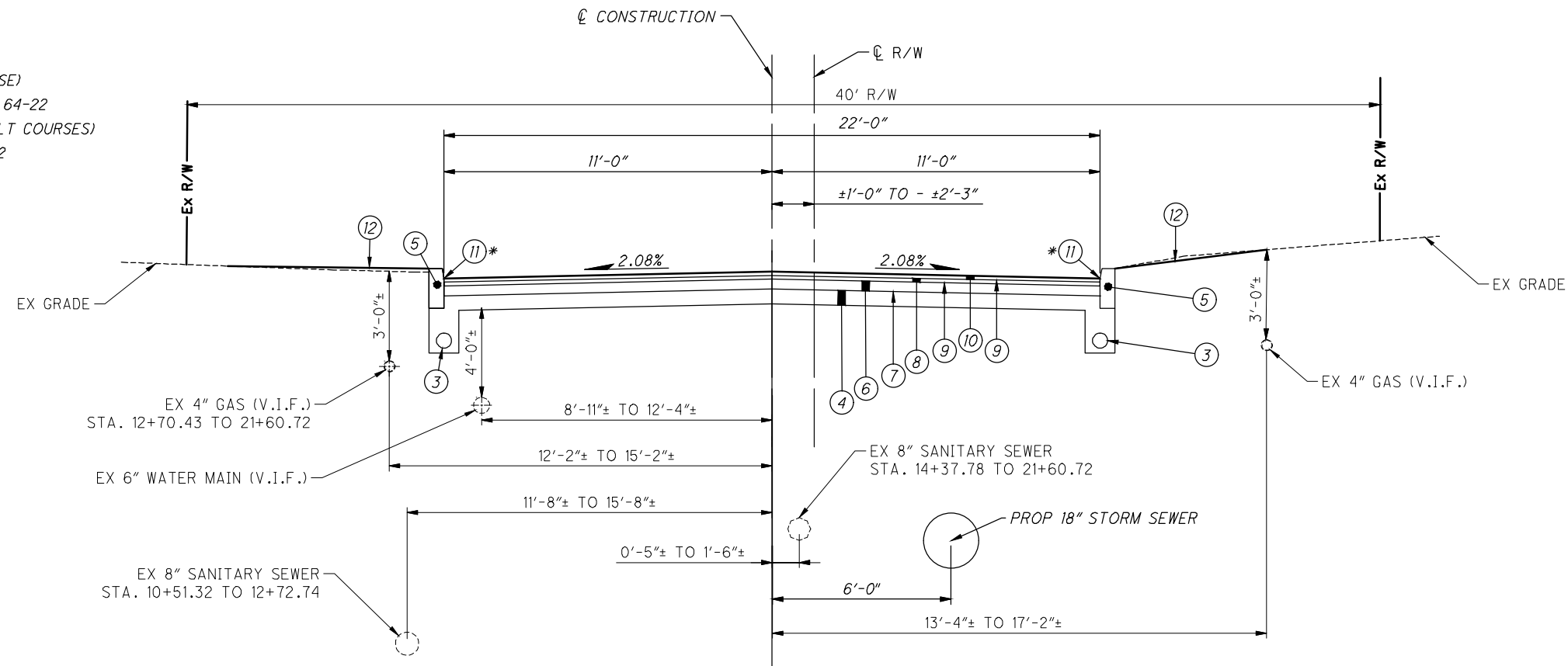
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LEGEND

- (A) EXISTING PAVEMENT (3"±)
- (B) EXISTING AGGREGATE BASE (10"±)

- ② ITEM 203 - EXCAVATION, AS PER PLAN (INCLUDING ROADWAY)
- ③ ITEM 605 - 4" BASE PIPE UNDERDRAINS
- ④ ITEM 304 - 4" AGGREGATE BASE
- ⑤ ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
- ⑥ ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22)
- ⑦ ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.08 GAL/SY FOR BASE COURSE)
- ⑧ ITEM 441 - 1.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG 64-22
- ⑨ ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.05 GAL/SY FOR NEW ASPHALT COURSES)
- ⑩ ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22
- ⑪ ITEM 423 - CRACK SEALING, TYPE 4
* INCLUDED IN THE UNIT COST BID FOR
ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
- ⑫ ITEM 653 - LAWN RESTORATION (SEE SHEET 18)

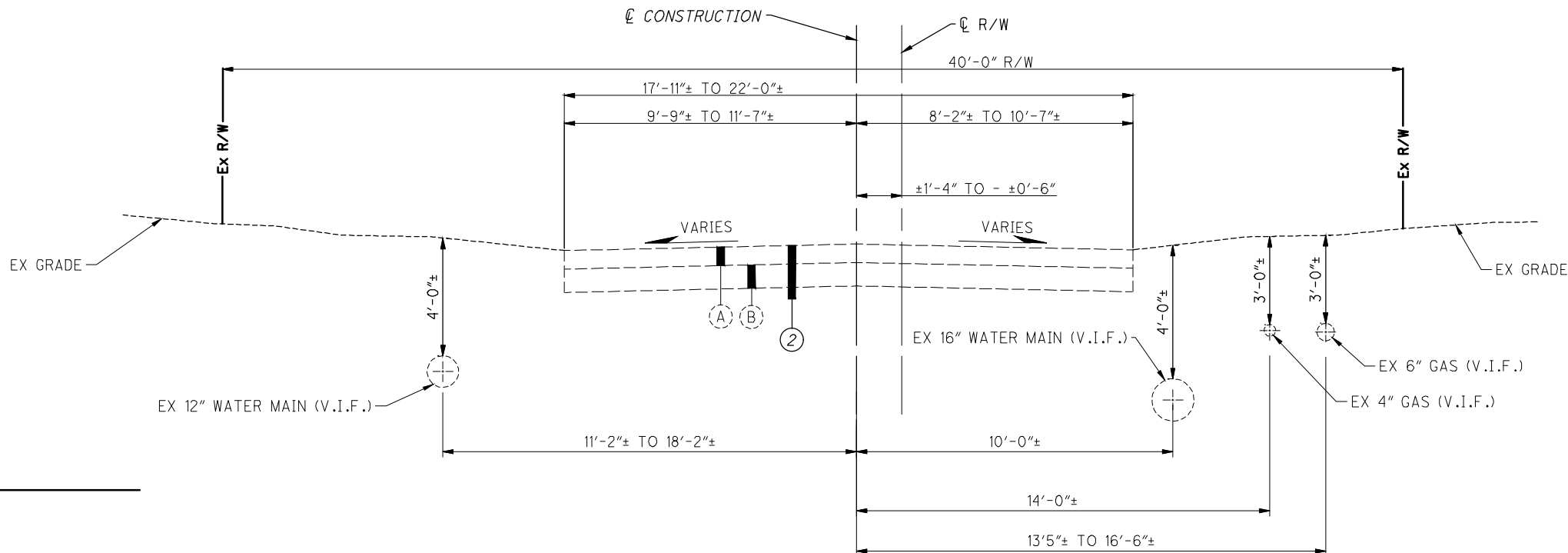


26TH ST. (STANTON TO MILLERSBERG) PROPOSED TYPICAL SECTION
STA. 10+50.00 TO STA. 21+50.00

REVISIONS

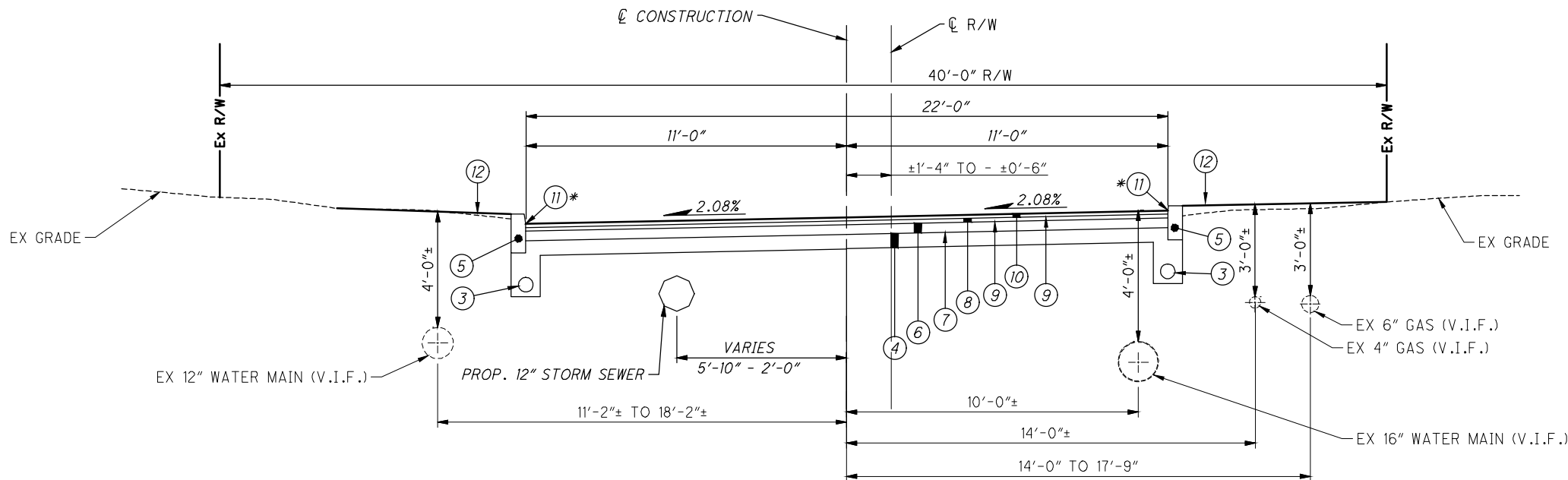
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
26TH ST NW (BETWEEN STANTON AND MILLERSBURG)

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CHAUNCEY AVE NW EXISTING TYPICAL SECTION

- LEGEND**
- (A) EXISTING PAVEMENT (7"±)
 - (B) EXISTING AGGREGATE BASE (3"±)
 - (2) ITEM 203 - EXCAVATION, AS PER PLAN (INCLUDING ROADWAY)
 - (3) ITEM 605 - 4" BASE PIPE UNDERDRAINS
 - (4) ITEM 304 - 4" AGGREGATE BASE
 - (5) ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
 - (6) ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22)
 - (7) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.08 GAL/SY FOR BASE COURSE)
 - (8) ITEM 441 - 1.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG 64-22
 - (9) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.05 GAL/SY FOR NEW ASPHALT COURSES)
 - (10) ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22
 - (11) ITEM 423 - CRACK SEALING, TYPE 4
* INCLUDED IN THE UNIT COST BID FOR
ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
 - (12) ITEM 653 - LAWN RESTORATION (SEE SHEET 18)



CHAUNCEY AVE NW PROPOSED TYPICAL SECTION
STA. 30+00.00 TO STA. 35+00.00



ARCHITECTS ENGINEERS PLANNERS

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AKRON, OH 44311
330.913.1080

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STATE OF OHIO

ROBERT A. BURGOYNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

REVISIONS

CITY/VILLAGE/TOWNSHIP: CITY OF MASSILLON

COUNTY: STARK

CAND: CHM

PROJ NAME: RAB

ENG: CCO

DATE: 7/19/24

SHEET: 10 of 114

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CHAUNCEY AVE NW

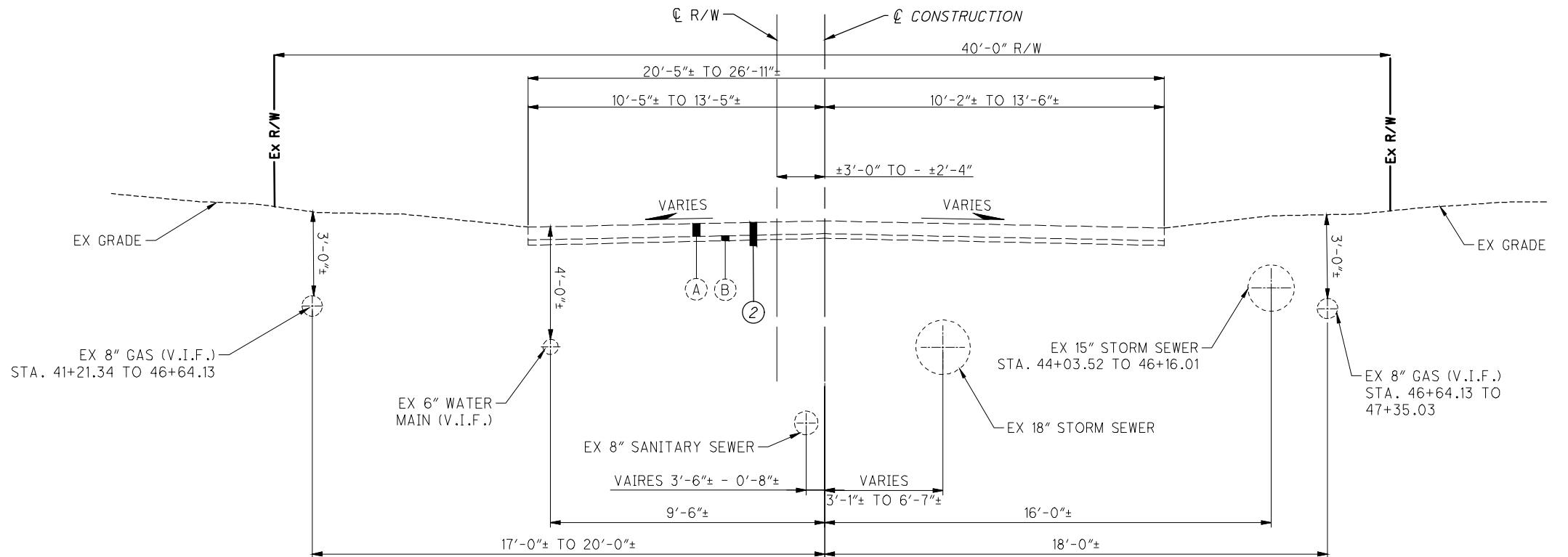
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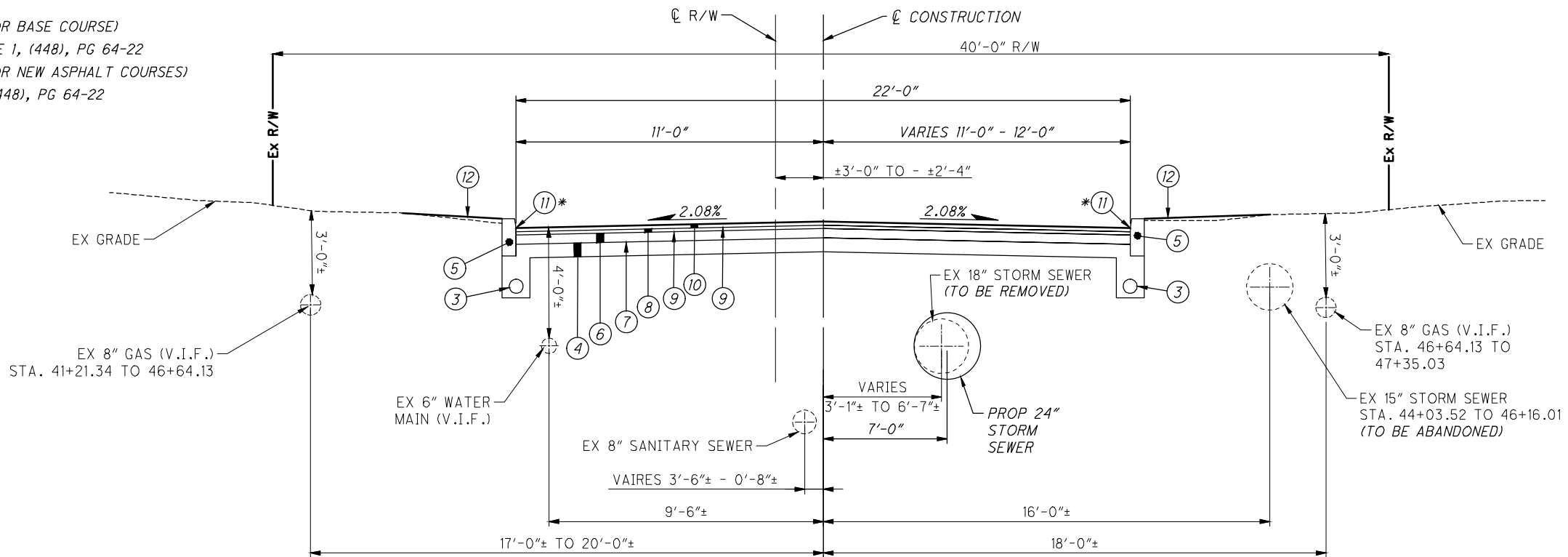
LEGEND

- (A) EXISTING PAVEMENT (5.5"±)
(B) EXISTING AGGREGATE BASE (2"±)

- (2) ITEM 203 - EXCAVATION, AS PER PLAN (INCLUDING ROADWAY)
(3) ITEM 605 - 4" BASE PIPE UNDERDRAINS
(4) ITEM 304 - 4" AGGREGATE BASE
(5) ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
(6) ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22)
(7) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.08 GAL/SY FOR BASE COURSE)
(8) ITEM 441 - 1.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG 64-22
(9) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.05 GAL/SY FOR NEW ASPHALT COURSES)
(10) ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22
(11) ITEM 423 - CRACK SEALING, TYPE 4
* INCLUDED IN THE UNIT COST BID FOR
ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
(12) ITEM 653 - LAWN RESTORATION (SEE SHEET 18)



25TH ST NW EXISTING TYPICAL SECTION



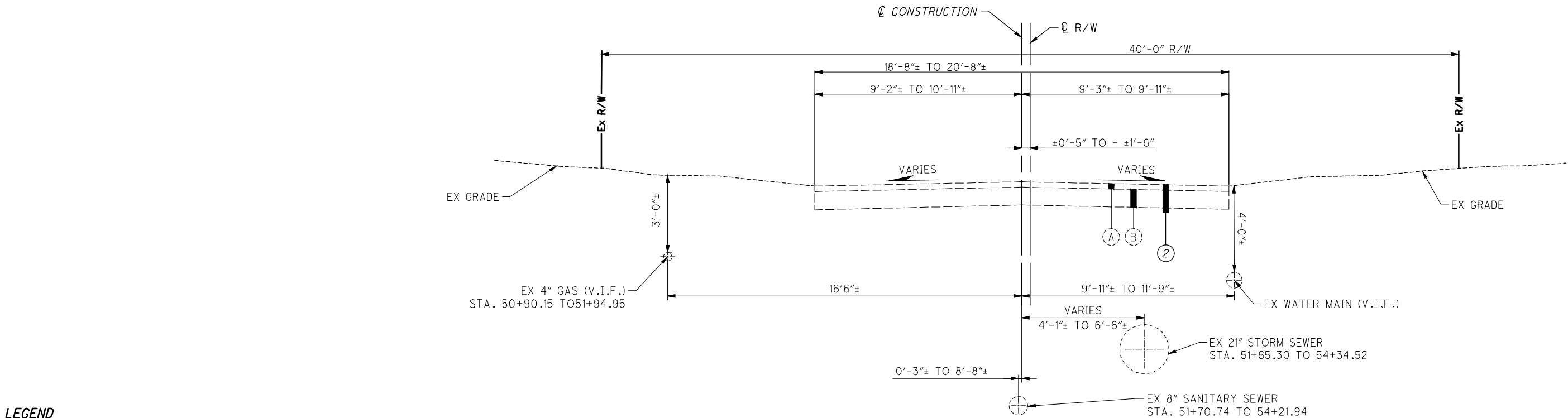
25TH ST NW PROPOSED TYPICAL SECTION

STA. 40+80.00 TO STA. 48+00.00

REVISIONS:

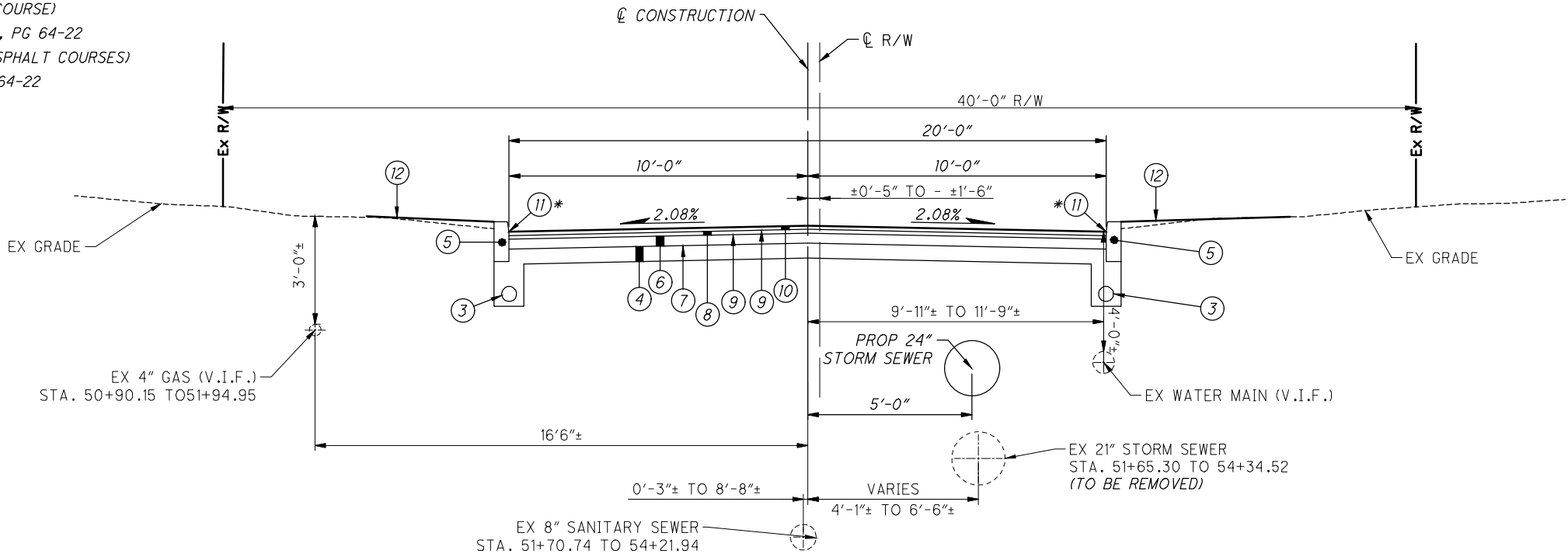
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
25TH ST NW

DRAWING PATH: P:\3000_3489\3489222040_3489_Storm_JUV_Area_SS\CDOT\CHM2119\Design\Roadway\Sheet\3062_01\001.dwg Jul 19, 2024 7:57am



DUANE AVE NW EXISTING TYPICAL SECTION

- LEGEND
- (A) EXISTING PAVEMENT (3"±)
 - (B) EXISTING AGGREGATE BASE (10"±)
- ② ITEM 203 - EXCAVATION, AS PER PLAN (INCLUDING ROADWAY)
- ③ ITEM 605 - 4" BASE PIPE UNDERDRAINS
- ④ ITEM 304 - 4" AGGREGATE BASE
- ⑤ ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
- ⑥ ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22)
- ⑦ ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.08 GAL/SY FOR BASE COURSE)
- ⑧ ITEM 441 - 1.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG 64-22
- ⑨ ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.05 GAL/SY FOR NEW ASPHALT COURSES)
- ⑩ ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22
- ⑪ ITEM 423 - CRACK SEALING, TYPE 4
* INCLUDED IN THE UNIT COST BID FOR
ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
- ⑫ ITEM 653 - LAWN RESTORATION (SEE SHEET 18)



DUANE RD PROPOSED TYPICAL SECTION
STA. 50+30.00 TO STA. 54+54.00

OHM
ARCHITECTS ENGINEERS PLANNERS
388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO
ROBERT A. BURGOYNE
E-71558
REGISTERED PROFESSIONAL ENGINEER
Robert A. Burgoyne
Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

REVISIONS

DATE	PROJ NUMBER	ENG	PROJ LEADER	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	348922040	SSC	SSC	CHM	STARK	CITY OF MASSILLON

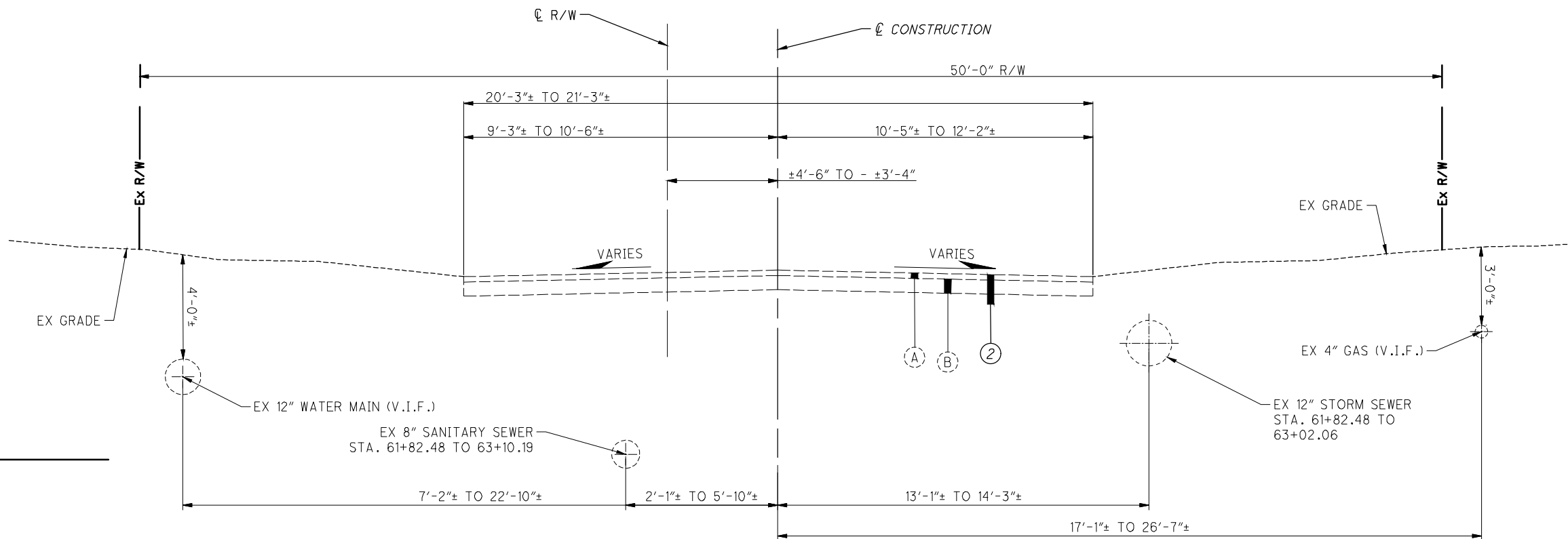
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
DUANE AVE NW

DRAWING PATH: P:\3000_3489\3489222040_3489_Street_JMW_Area_SS\CDOT\CHM22191\Design\Roadway\Sheet\3062_01\01.dwg Jul 19, 2024 7:57am

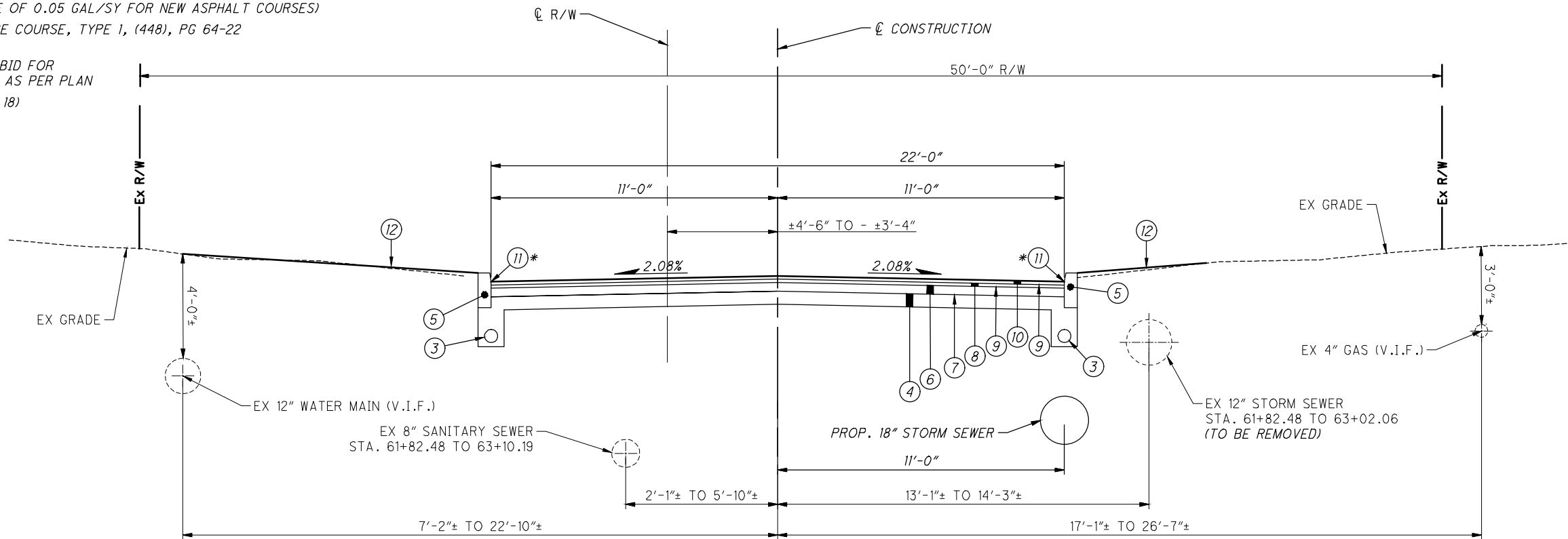
LEGEND

- (A) EXISTING PAVEMENT (2.5'±)
(B) EXISTING AGGREGATE BASE (6.5'±)

- (2) ITEM 203 - EXCAVATION, AS PER PLAN (INCLUDING ROADWAY)
(3) ITEM 605 - 4" BASE PIPE UNDERDRAINS
(4) ITEM 304 - 4" AGGREGATE BASE
(5) ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
(6) ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22)
(7) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.08 GAL/SY FOR BASE COURSE)
(8) ITEM 441 - 1.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG 64-22
(9) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.05 GAL/SY FOR NEW ASPHALT COURSES)
(10) ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22
(11) ITEM 423 - CRACK SEALING, TYPE 4
* INCLUDED IN THE UNIT COST BID FOR
ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
(12) ITEM 653 - LAWN RESTORATION (SEE SHEET 18)



26TH ST BETWEEN SCHULER AVE NW AND DUANE AVE NW EXISTING TYPICAL SECTION



26TH ST. (SCHULER TO DUANE) PROPOSED TYPICAL SECTION

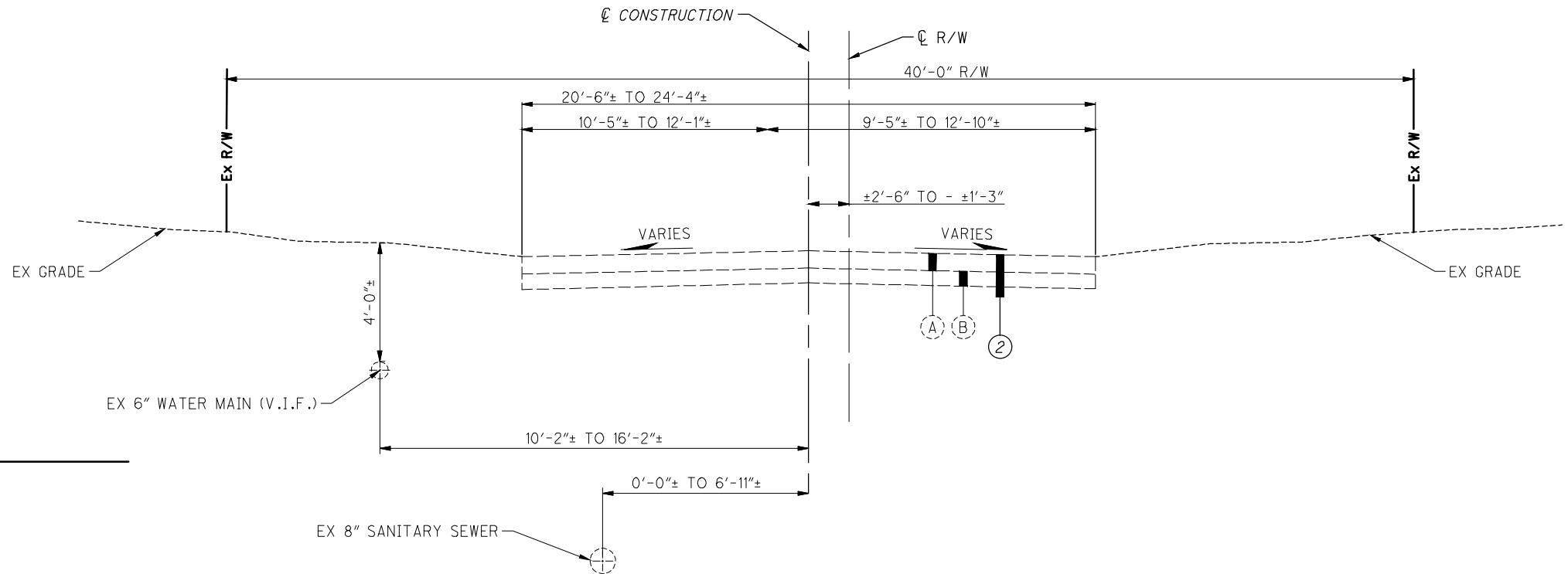
STA. 60+20.00 TO STA. 63+30.00

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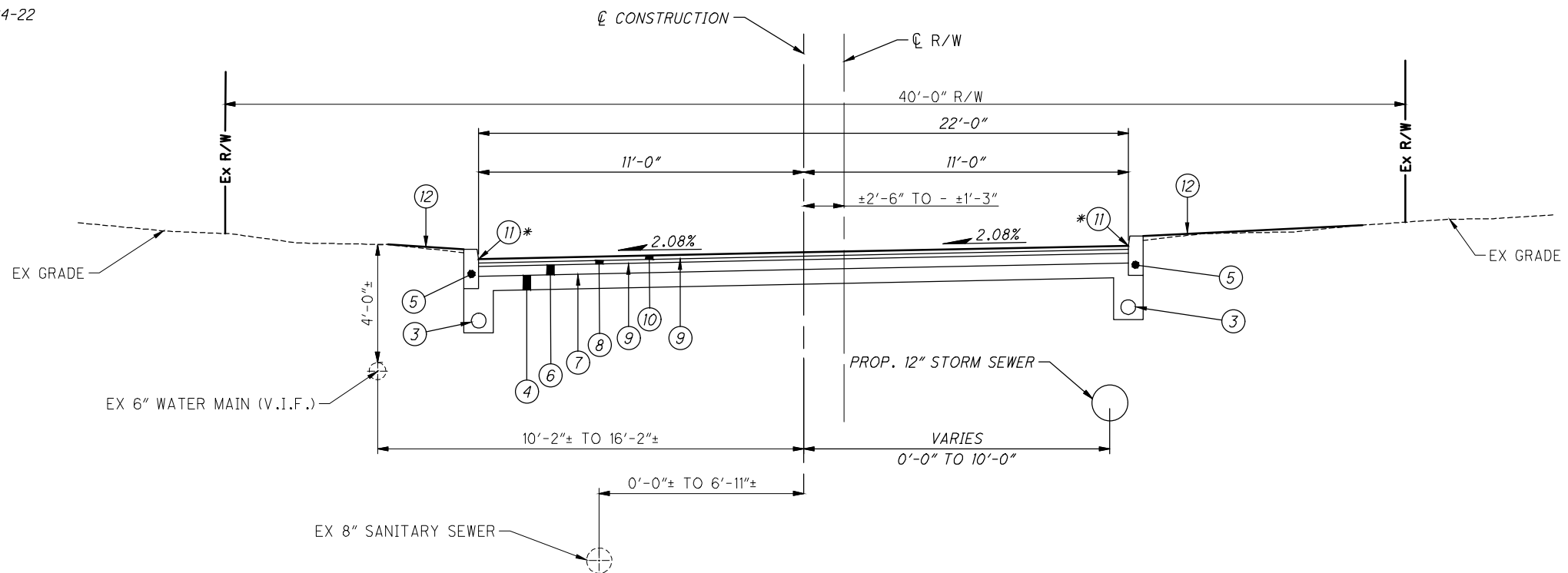
LEGEND

- (A) EXISTING PAVEMENT (7"±)
(B) EXISTING AGGREGATE BASE (6"±)

- (2) ITEM 203 - EXCAVATION, AS PER PLAN (INCLUDING ROADWAY)
(3) ITEM 605 - 4" BASE PIPE UNDERDRAINS
(4) ITEM 304 - 4" AGGREGATE BASE
(5) ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
(6) ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22)
(7) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.08 GAL/SY FOR BASE COURSE)
(8) ITEM 441 - 1.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG 64-22
(9) ITEM 407 - TACK COAT (APPLIED AT A RATE OF 0.05 GAL/SY FOR NEW ASPHALT COURSES)
(10) ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22
(11) ITEM 423 - CRACK SEALING, TYPE 4
* INCLUDED IN THE UNIT COST BID FOR
ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
(12) ITEM 653 - LAWN RESTORATION (SEE SHEET 18)



FORD ST NW EXISTING TYPICAL SECTION



FORD ST PROPOSED TYPICAL SECTION
STA. 70+30.00 TO STA. 73+50.00

REVISIONS

CITY/VILLAGE/TOWNSHIP: CITY OF MASSILLON COUNTY: STARK CAD: CHM PROJ: 2049 ENG: CCO PROD: RAB

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
FORD ST NW

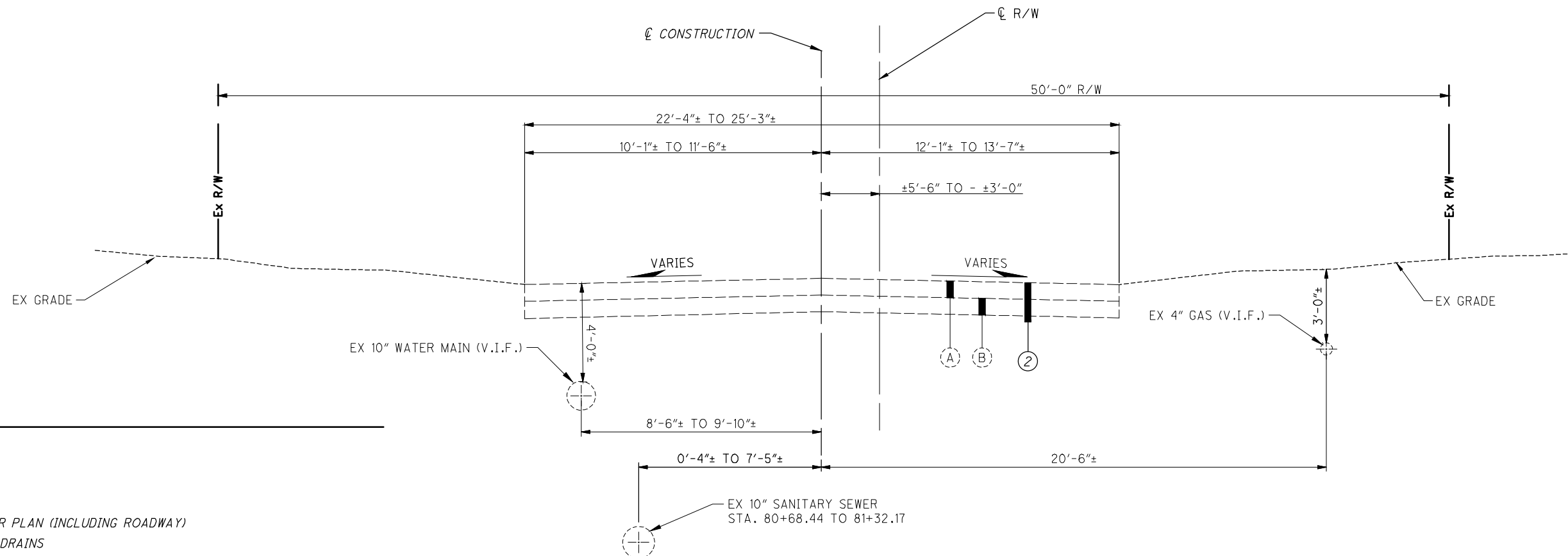
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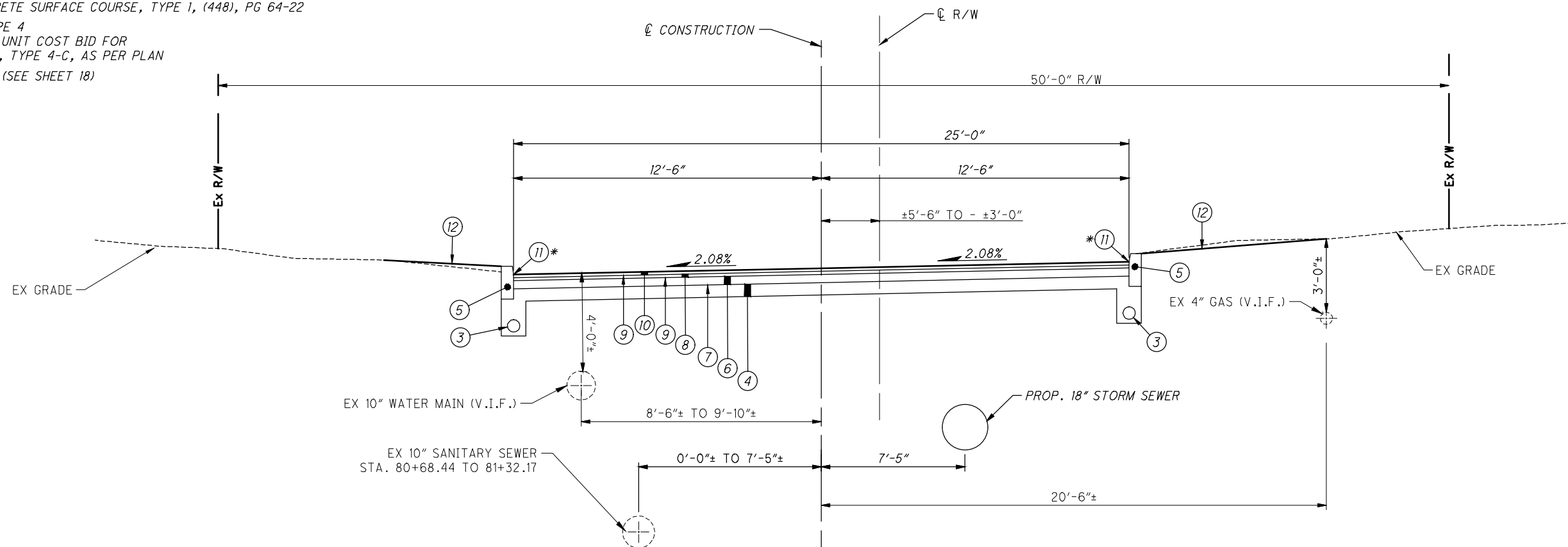
LEGEND

- (A) EXISTING PAVEMENT (9"±)
(B) EXISTING AGGREGATE BASE (6"±)

- (2) ITEM 203 - EXCAVATION, AS PER PLAN (INCLUDING ROADWAY)
(3) ITEM 605 - 4" BASE PIPE UNDERDRAINS
(4) ITEM 304 - 4" AGGREGATE BASE
(5) ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
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* INCLUDED IN THE UNIT COST BID FOR
ITEM 609 - CURB, TYPE 4-C, AS PER PLAN
(12) ITEM 653 - LAWN RESTORATION (SEE SHEET 18)



SCHULER AVE - 28TH ST NW EXISTING TYPICAL SECTION



SCHULER AVE - 28TH ST NW PROPOSED TYPICAL SECTION
STA. 80+30.00 TO STA. 83+47.11

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GENERAL NOTES

THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CONSTRUCTION AND MATERIAL SPECIFICATIONS BOOK, 2023 EDITION, SHALL GOVERN ALL CONSTRUCTION ITEMS RELATED TO THIS PROJECT, UNLESS SPECIFICALLY MODIFIED IN THESE PLANS OR BID DOCUMENTS.

THE CONTRACTOR MUST BECOME FAMILIAR WITH THE PROJECT, SITE CONDITIONS, WEATHER LIMITATIONS, SCHEDULE LIMITATIONS, PLANS, SPECIFICATIONS, STANDARD DRAWINGS AND ANY OTHER DOCUMENTS ASSOCIATED WITH THE PROJECT, PRIOR TO BIDDING ON THIS PROJECT.

ANY CHANGE ORDERS TO THE ORIGINAL CONTRACT DOCUMENTS MUST BE SUBMITTED IN WRITING BY THE CONTRACTOR, TO THE ENGINEER, FOR REVIEW AND APPROVAL / DISAPPROVAL BY THE OWNER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON SUSPECTING A PENDING CHANGE ORDER. THE OWNER WILL REVIEW EACH REQUEST IN A TIMELY FASHION. ANY WORK COMPLETED BY THE CONTRACTOR WITHOUT PRIOR WRITTEN AUTHORIZATION WILL NOT BE PAID BY THE OWNER (COST WILL BE BORNE BY THE CONTRACTOR).

ANY MODIFICATION TO THE WORK SHOWN ON THESE PLANS MUST HAVE PRIOR WRITTEN APPROVAL BY THE ENGINEER.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL REQUEST AND ATTEND A PRE-CONSTRUCTION MEETING.

PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST PROVIDE ALL SHOP DRAWINGS AND MATERIAL SHEETS FOR REVIEW, A LIST OF ALL SUBCONTRACTORS, MOT PLAN, SWPPP, A WRITTEN SCHEDULE FOR THE PROJECT, EMERGENCY NUMBERS, AND OTHER ITEMS REQUESTED BY THE ENGINEER.

THE CONTRACTOR MUST CONFINE WORK ACTIVITIES TO THE PROJECT AREA, UNLESS PRIVATE AGREEMENTS HAVE BEEN MADE BETWEEN THE CONTRACTOR AND PROPERTY OWNERS TO EXTEND ON TO PRIVATE PROPERTY. ALL DAMAGE TO AREAS BEYOND THE WORK LIMITS MUST BE REPAIRED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION BEFORE CONSTRUCTION. ALL COSTS FOR THIS WORK MUST BE INCLUDED IN THE PRICE BID FOR THIS PROJECT.

ALL COSTS FOR THE WORK DESCRIBED ABOVE MUST BE INCLUDED FOR PAYMENT WITH THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.

SAFETY

THE CONTRACTOR AND SUBCONTACTOR(S) ARE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTION AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTOR(S) TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK. PROVIDE SAFETY PLAN AT THE PRE-CONSTRUCTION MEETING.

THE ENGINEER RESERVES THE RIGHT TO SHUT-DOWN THE PROJECT WITH NO RESPONSIBILITY TO DELAY CLAIMS OR PROJECT SCHEDULE, SHOULD THE CONTRACTOR FAIL TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND/OR THE PUBLIC.

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.

ENVIRONMENTAL NOTES

NO EXCAVATION, GRADING, OR FILLING OPERATIONS ARE TO BE PERFORMED IN ANY WETLANDS, STREAMS OR OTHER WATERS OF THE UNITED STATES. UNDER NO CIRCUMSTANCES IS THE CONTRACTOR PERMITTED TO STORE EQUIPMENT AND/OR MATERIALS IN ANY WETLANDS, STREAMS OR OTHER WATERS OF THE UNITED STATES. THE CONTRACTOR MUST UTILIZE AN APPROVED DISPOSAL SITE FOR THE DISPOSAL OF ALL WASTE FILL MATERIALS. ALL EXCAVATED MATERIALS MUST BE IMMEDIATELY STAGED IN OR REMOVED TO AN UPLAND SITE AND STABILIZED (I.E. SEEDED) TO PREVENT REDISTRIBUTION INTO ANY WATERS OF THE UNITED STATES. IMMEDIATE REMOVAL IS DEFINED BY THE UNITED STATES ARMY CORPS OF ENGINEERS AS DEPOSITING THE REMOVED MATERIALS DIRECTLY INTO A TRUCK AND REMOVING THE MATERIAL FROM THE SITE. THE APPROVED DISPOSAL SITE(S) MUST NOT INCLUDE ANY WETLANDS, STREAMBANKS OR RIVERBANKS OR ANY 100-YEAR FLOOD PLAINS.

WATER COLUMN AND SEDIMENTATION IMPACTS MUST BE KEPT TO A MINIMUM THROUGH THE USE OF BEST MANAGEMENT PRACTICES FOR SOIL EROSION AND SEDIMENT CONTROL. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SPECIFIED IN THE PLAN MUST BE IN PLACE PRIOR TO ANY EXCAVATION, GRADING OR FILLING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES. THEY MUST REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND THE AREA IS STABILIZED AS ACCEPTED BY THE ENGINEER.

THE PROJECT HAS BEEN DESIGNED TO AVOID IMPACTS TO WETLANDS AREAS. UNDER NO CIRCUMSTANCES IS THE CONTRACTOR PERMITTED TO IMPACT THE ADJACENT WETLANDS. UNDER NO CIRCUMSTANCES IS THE CONTRACTOR PERMITTED TO STORE EQUIPMENT AND/OR MATERIALS WITHIN WETLANDS AREAS. EXISTING WETLANDS AREAS MUST BE FLAGGED BY THE CITY OF MASSILLON PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES WITHIN THESE LIMITS AND ADJACENT AREAS, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES. THE CONTRACTOR MUST TAKE ALL MEASURES NECESSARY TO AVOID ALL IDENTIFIED WETLANDS AREAS BY MAINTAINING A VEGETATED BUFFER BETWEEN THE BOUNDARY OF THE ADJACENT WETLANDS AREAS AND THE PROJECT CONSTRUCTION LIMITS.

ROUNDING

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

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 6:00 p.m. AND 7:00 a.m. 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.

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 CONDUCTED.

WINTER PROJECT COORDINATION

ALL TRENCHES/PAVEMENT OPENINGS MUST BE BACKFILLED WITH PROPER GRANULAR MATERIAL TO GRADE WHILE THE STREET IS UNDER CONSTRUCTION AND CLOSED TO FULL TRAFFIC TO ALLOW LOCAL TRAFFIC THROUGH THE CONSTRUCTION ZONE SAFELY. THE CONTRACTOR IS RESPONSIBLE FOR RESPONSIVE SNOW AND ICE REMOVAL ON ANY STREETS CLOSED TO FULL TRAFFIC. ANY GRANULAR MATERIAL DISPLACED FROM THE TRENCH BY THE SNOW AND ICE REMOVAL PROCESS SHALL BE REPLACED AS NECESSARY, AND ANY MATERIAL SCATTERED ONTO THE TREE LAWNS, LAWNS, SIDEWALKS AND DRIVES SHALL BE CLEANED AND /OR REMOVED AS NECESSARY BY THE CONTRACTOR.

IT IS THE INTENT OF THIS PROJECT TO ALLOW UNDERGROUND WORK TO BE COMPLETED OVER WINTER, BUT NOT HAVE ANY TRENCHES OPEN FULLY TO TRAFFIC OVER THE WINTER SNOW AND ICE SEASON WITHOUT HARD SURFACING. FOR STREETS RETURNED TO FULL TRAFFIC WITH HARD SURFACING OVER WINTER THE SNOW AND ICE REMOVAL WILL BE PERFORMED BY THE MUNICIPALITY.

THE CONTRACTOR HAS THE FOLLOWING OPTIONS FOR PROVIDING A HARD SURFACE.

A.FULLY COMPLETE THE REQUIRED UNDERGROUND WORK, INCLUDING SERVICE CONNECTIONS, PRIOR TO OCTOBER 1ST, AND FULLY COMPLETE THE TRENCH REPAIR PER THE PLAN DETAILS BY OCTOBER 31ST.
(IF THE SEASONAL WEATHER ALLOWS PROPER TEMPERATURE TO COMPLETE THE FULL TYPICAL SECTION, BEYOND OCTOBER 31ST, THE ENGINEER MAY ALLOW THE WORK TO BE COMPLETED AND ACCEPTED ON A CASE BY CASE BASIS.)

B.IF THE UNDERGROUND WORK AND TRENCH REPAIR CAN'T BE COMPLETED FULLY BY OCTOBER 31ST, FULLY COMPLETE THE UNDERGROUND WORK, INCLUDING SERVICE CONNECTIONS, AND FULLY COMPLETE THE GRANULAR BACKFILL AND CONCRETE BASE TO 3" BELOW THE SURFACE. THEN INSTALL A TEMPORARY CONCRETE CAP , SEPARATED BY VISQUEEN FROM THE CONCRETE BASE, TO FINAL GRADE, AND OPEN THE STREET TO FULL TRAFFIC. ALL CONCRETE SHALL BE PLACED FOLLOWING STANDARD COLD WEATHER CONCRETE SPECIFICATIONS FOR INSTALLATION, PROTECTION AND CURING. THE TEMPORARY CAP MUST BE MAINTAINED BY THE CONTRACTOR UNTIL REMOVED WITH THE PAVEMENT PLANING OPERATION IN THE SPRING.

C.IF THE UNDERGROUND WORK AND TRENCH REPAIR CAN'T BE COMPLETED FULLY BY OCTOBER 31ST, THE CONTRACTOR SHALL BACKFILL THE TRENCH TO WITHIN 4" OF SURFACE, AND PLACE A TEMPORARY HARD SURFACE OF ASPHALT, CONCRETE OR COLD PATCH MATERIAL TO THE FINISH GRADE PRIOR TO OPENING THE ROADWAY TO FULL TRAFFIC. THE PLACEMENT OF ALL TEMPORARY SURFACES SHALL FOLLOW APPROPRIATE TEMPERATURE CONTROL MEASURES. OPEN THE STREET TO FULL TRAFFIC. THE TEMPORARY HARD SURFACE MUST BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL PAVING OPERATIONS. REMOVE THE TEMPORARY HARD SURFACE AND NECESSARY DEPTH OF AGGREGATE TO INSTALL THE COMPLETE PAVEMENT SECTION IN ACCORDANCE WITH THE TYPICAL SECTION AND PAVEMENT DETAILS. THEN PERFORM OPERATIONS PER PLAN.

COSTS FOR ALL WORK, LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE ASSOCIATED TRENCH REPAIR.

DOMINION ENERGY COORDINATION

IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE LATERAL AND SUBJACENT SUPPORT OF DOMINION ENERGY'S PIPELINE(S), IN COMPLIANCE TO 29 CFR, PART 1926, SUBPART P, (SAFE EXCAVATION & SHORING). ONE-FOOT MINIMUM VERTICAL AND HORIZONTAL CLEARANCE MUST BE MAINTAINED BETWEEN DOMINION EAST OHIO'S (DEO) EXISTING PIPELINE(S) AND ALL OTHER IMPROVEMENTS. EXTREME CARE SHOULD BE TAKEN NOT TO HARM ANY DEO FACILITY (PIPELINES, ETC.) OR APPURTENANCE (PIPE COATING, TRACER WIRE, CATHODIC PROTECTION TEST STATION WIRES & DEVICES, VALVE BOXES, ETC.). DEO FACILITIES MUST BE PROTECTED WITH A TARP DURING BRIDGE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE AND LIABLE FOR ENSURING THAT ALL DEO EXISTING FACILITIES, ABOVE AND BELOW GROUND, REMAIN UNDAMAGED, ACCESSIBLE AND IN WORKING ORDER. THE CROSSING OF DEO'S PIPELINE WITH ANOTHER STEEL FACILITY MAY CREATE A POTENTIAL CORROSION ISSUE FOR THE PROPOSED FACILITY AND THE EXISTING DEO FACILITY. PLEASE CONTACT DOMINION ENERGY OHIO'S CORROSION DEPARTMENT: DAVE CUTLIP (330-266-2121), RICK McDONALD (330-266-2122), OR AI HUMRICHOUSER (330-478-3757).

MAINTAINING TRENCH WORK

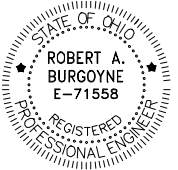
THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MAINTAIN ALL TRENCH WORK ON THE PROJECT. FAILURE OF TRENCH WALLS, BOTTOM OF TRENCH, AND ALL MATERIALS AROUND THE TRENCH, INCLUDING THE PAVEMENT, CURB, SIDEWALK, EARTHWORK, ETC., WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

EMBANKMENT AND TRENCH BACKFILL

THE CONTRACTOR SHALL USE SUITABLE MATERIALS CONFORMING TO THE ODOT CMS FOR ALL EMBANKMENT AND TRENCH BACKFILL. THE CONTRACTOR SHALL INSTALL MATERIALS IN PROPER LIFTS AND CONDUCT THE SPECIFIED COMPACTION. NO PAYMENT WILL BE MADE FOR REMOVAL AND REPLACEMENT OF FAILED MATERIALS BROUGHT ON SITE.

RECYCLED 304 MATERIAL

RECYCLED 304 MATERIAL IS NOT PERMITTED FOR ANY TYPE OF USE ON THE PROJECT.

 ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM									
 REGISTERED PROFESSIONAL ENGINEER Robert A. Burgoyne, P.E. Ohio Professional Engineer #71558									
REVISIONS									
CITY/VILAGE/TOWNSHIP: CITY OF MASSILLON COUNTY: STARK CAD: CHM PROJ/AGS: 648 ENG: C20 SHEET/NO: 114									
CITY OF MASSILLON STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA									
GENERAL NOTES									
SHEET 16 of 114									

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UTILITY CONTACT INFORMATION

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

TELEPHONE AT&T 50 W. BOWERY ST, 6TH FLOOR AKRON, OHIO 44308 ATTN: JEFFREY ZEHNER PHONE: 330-384-3247 EMAIL: JZ6175@ATT.COM	GAS DOMINION ENERGY OHIO 320 SPRINGSIDE DRIVE AKRON, OHIO 44333 ATTN: NICK HARRISON PHONE: 330-664-2409 EMAIL: NICK.D.HARRISON@DOMINIONENERGY.COM
CABLE MASSILLON CABLE AND TV 814 CABLE COURT NW MASSILLON, OHIO 44647 ATTN: JEFF CAMPBELL PHONE: 330-760-3930 EMAIL: JCAMPBELL@MCTVOHIO.COM	ATTN: JOSEPH CHEPKE PHONE: 330-472-5770 EMAIL: JOSEPH.CHEPKE@DOMINIONENERGY.COM EMAIL: RELOCATION@DOMINIONENERGY.COM
WATER AQUA OHIO, INC 870 3RD STREET NW MASSILLON, OHIO 44647 ATTN: DON SNYDER PHONE: 330-832-5764 X50650 EMAIL: DLSNYDER@AQUAAMERICA.COM	ELECTRIC OHIO EDISON 2600 S. ERIE STREET MASSILLON, OHIO 44646 ATTN: JOSH TREGO PHONE: 330-830-7083 EMAIL: DTREGO@FIRSTENERGYCORP.COM
SEWER/SIGNAL/LIGHTING CITY OF MASSILLION 401 WALNUT ROAD SE MASSILLON, OHIO 44647 ATTN: ALEX PITTS, P.E. PHONE: 330-830-1722 EMAIL: APITTS@MASSILLIONOHIO.GOV	
ROAD CLOSURES/TRAFFIC CHANGES NOTIFICATION OF SAFETY FORCES & BUS GARAGES ATTN: MASSILLON SAFETY & SERVICE PHONE: 330-830-1702 ATTN: MASSILLON POLICE DEPARTMENT PHONE: 330-830-1735 ATTN: MASSILLON FIRE DEPARTMENT PHONE: 330-833-1053 ATTN: MASSILLON SCHOOL BUS GARAGE PHONE: 330-830-1849	

UTILITIES GENERAL NOTE

UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC.). CURRENT CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN LOCATIONS AND DATA WERE OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT GUARANTEE THAT PIPE MATERIAL, AND/OR PIPE SIZE, THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC, ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.

UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED, OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.

EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED UPON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER DURING THE DESIGN PROCESS PER ORC 153.64. THE ENGINEER CANNOT GUARANTEE EXACT LOCATIONS OF UNDERGROUND UTILITIES OR ANY UTILITIES ABOVE GROUND OR UNDERGROUND THAT MAY HAVE BEEN RELOCATED AFTER THE DESIGN PROCESS. THE CONTRACTOR SHALL EXPECT TO ENCOUNTER SERVICE LINES AND LATERALS DURING CONSTRUCTION AT ALL DWELLINGS/BUSINESSES, WHETHER SHOWN ON THESE PLANS OR NOT. LOCATION OF UNDERGROUND UTILITY FACILITIES SERVING SINGLE-FAMILY OR TWO-, THREE-, OR FOUR-UNIT DWELLINGS ARE NOT REQUIRED TO BE MADE AVAILABLE TO THE ENGINEER DURING THE DESIGN PROCESS PER ORC 153.64 AND THUS MAY OR MAY NOT BE PROVIDED ON THE PLANS. IF PROVIDED ON THE PLANS, THE ENGINEER CANNOT GUARANTEE EXACT LOCATIONS. NO ADDITIONAL COSTS OR CHANGE ORDERS WILL BE APPROVED FOR UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH ORC 153.64, SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

- THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGPUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS.

OUPS 1-800-362-2764 (CONTACT LIMITED BASIS PARTICIPANTS DIRECTLY)
OGPUPS 1-800-925-0988

- THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, WHETHER SHOWN ON THESE PLANS OR NOT, IN ACCORDANCE WITH ORC 153.64.
- THE CONTRACTOR SHALL INSTALL FACILITIES AT THE REQUIRED HORIZONTAL AND VERTICAL CLEARANCES. THE CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION OF PROPOSED WORK TO VERIFY THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCE IS AVAILABLE, PRIOR TO CONSTRUCTION OF THE PROPOSED FACILITY. THE ENGINEER CANNOT GUARANTEE EXACT DEPTHS OF EXISTING UTILITIES. IN THE CASE OF CONFLICT BETWEEN UTILITIES, THE ENGINEER SHALL DETERMINE THE PROPOSED COURSE OF ACTION TO ELIMINATE THE CONFLICT.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES. ALL EXISTING UTILITIES, SERVICE LINES, LATERALS, ETC., DAMAGED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPAIRED TO THE SATISFACTION OF THE UTILITY OWNER.
- AT ALL UTILITY CROSSINGS, THE TRENCH BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL BETWEEN THE PIPES.

- ALL EXISTING MANHOLES, CATCH BASINS, UTILITY BOXES, VALVES BOXES, ETC. SHALL BE ADJUSTED TO MATCH THE FINISHED GRADE OF THE PROJECT.

NOTE THAT SEPARATE PAY ITEMS MAY EXIST FOR POT-HOLING, UTILITY REPAIR, AND UTILITY ADJUSTMENTS (SEE PROJECT BID FORM). IF THOSE PAY ITEMS ARE PROVIDED, THEIR RESPECTIVE SPECIFICATIONS CAN BE FOUND IN THE BID DOCUMENTS. IF THESE PAY ITEMS ARE NOT PROVIDED IN THE PROJECT, THEN ALL COSTS ASSOCIATED WITH SUCH WORK SHALL BE INCLUDED IN THE VARIOUS PRICES BID FOR THE PROJECT.

THE OWNER/ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR NEGLIGENCE, NON-PARTICIPATION, ERRORS, OMISSIONS, OR INACCURACIES OF WORK CONDUCTED BY UTILITY COMPANIES, THEIR CONTRACTORS, LOCATION SERVICES, OR OTHERS.

ALL COSTS, INCLUDING LABOR, EQUIPMENT, MATERIALS, COORDINATION, ETC., FOR ALL ASPECTS OF WORK DESCRIBED IN THIS NOTE AND ASSOCIATED REQUIREMENTS, SHALL BE INCLUDED IN THE VARIOUS PRICES BID FOR THE PROJECT. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED TO THE CONTRACTOR FOR ANY CONDITION DESCRIBED ABOVE.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE 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 ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATION.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

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

ITEM 611 - MANHOLE, MISC.: MANHOLE REHABILITATION

ALL REQUIREMENTS OF: ITEM 611 MANHOLE ADJUSTED TO GRADE; SHALL APPLY TO THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THIS ITEM WITH THE FOLLOWING MODIFICATIONS:

- PROVIDE NEW CASTING AND LID PER CITY OF MASSILLON STANDARDS.

COSTS FOR ALL WORK, LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE UNIT PRICES BID FOR.

ITEM 611 - MANHOLE, MISC.: STORM MANHOLE REHAB

ITEM 611 - MANHOLE, MISC.: SANITARY MANHOLE REHAB

STORM AND SANITARY SEWER SYSTEMS

ALL STORM AND SANITARY STRUCTURES SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611, CONSTRUCTED PER THE STANDARD DRAWING REFERENCED IN THE PLANS, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE STRUCTURE MATERIALS SHALL BE PRECAST CONCRETE ONLY. SANITARY STRUCTURES SHALL ALSO MEET THE REQUIREMENTS OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA).

THE CONTRACTOR SHALL INSTALL A FRAME SEAL ON SANITARY AND COMBINED SEWER MANHOLES AND EXTENSIONS IF NEEDED. THE FRAME SEAL AND EXTENSION SHALL SPAN THE ENTIRE ADJUSTMENT AREA OF THE MANHOLE BY CONNECTING TO THE BOTTOM OF THE CASTING FRAME. THE SEALING SYSTEM SHALL PREVENT LEAKAGE OF WATER INTO THE MANHOLE THROUGH THE CASTING FRAME JOINT AND THE ADJUSTMENT RING AREA. ALL MATERIALS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE NEW, OF FIRST GRADE, AND SHALL BE OF REPUTABLE MANUFACTURERS KNOWN TO THE TRADE. THE SEAL SHALL BE EQUAL TO OR GREATER THAN THE RESULTS OF THE FOLLOWING ASTM TEST METHODS:

TENSILE STRENGTH (ASTM-D412) = 1500 PSI MIN.

HARDNESS (ASTM-D2240) = 45

ELONGATION (ASTM-D42) = 350%

THE COST OF FRAME SEALS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 ITEM.

ALL STORM GRATES SHALL BE "BICYCLE SAFE" AND "ADA COMPLIANT".

ALL STORM AND SANITARY PIPES SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE STORM SEWER MATERIALS SHALL BE RCP (706.02), HDPE (707.33), PVC (707.42, 707.43, 707.45, 707.48), OR HDPP (707.65, 707.69). ACCEPTABLE SANITARY SEWER MATERIALS SHALL BE PVC (707.42, 707.43, 707.45, 707.48) OR HDPP (707.65, 707.69).

ALL SEWERS UNDER PAVEMENT LINE OF INFLUENCE SHALL BE ODOT TYPE B. ALL DRIVE PIPES SHALL BE ODOT TYPE D. ALL CULVERTS SHALL BE ODOT TYPE A.

ALL UNDERDRAINS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 605, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE MATERIALS SHALL BE HDPE (707.31) OR PVC (707.41).

ALL ROOF DRAIN COLLECTORS AND SANITARY LATERALS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611, OR AS MODIFIED BY SPECIFIC DETAILS INCLUDED IN THIS PLAN. ACCEPTABLE MATERIALS SHALL BE HDPE (707.33) OR PVC (707.45).

BACKFILL FOR ALL PIPES WITHIN THE INFLUENCE LINE OF THE PAVEMENT (STREET, DRIVEWAYS, SIDEWALKS, ETC.) SHALL BE FULL DEPTH COMPACTED GRANULAR EMBANKMENT MEETING THE REQUIREMENTS OF ODOT ITEM 611 OR ODOT ITEM 605, AS APPLICABLE. THE INFLUENCE LINE OF THE PAVEMENT IS DEFINED AS A LINE EXTENDING DOWNWARD AT A 45 DEGREE ANGLE FROM A POINT 2 FEET BEYOND THE PAVEMENT. COMPACTION AND TESTING REQUIREMENTS SHALL MEET THE ODOT SPECIFICATION.

ALL EXISTING PIPES, ROOF DRAINS, DRAIN TILES, SUMP PUMP CONNECTIONS, SPRING DRAINS, OR FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE CONNECTED TO THE STORM SEWER SYSTEM OR ROOF DRAIN COLLECTOR SYSTEM, AS DIRECTED BY THE ENGINEER. ROOF DRAINS, FOUNDATION DRAINS OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE NOT PERMITTED.

ALL COSTS FOR THE WORK DESCRIBED ABOVE SHALL BE INCLUDED FOR PAYMENT WITH THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.



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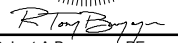
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STATE OF OHIO

ROBERT A. BURGOWNE

E-71558

REGISTERED PROFESSIONAL ENGINEER



Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

REVISIONS

DATE

PROJ NUMBER

PROJ NAME

ENG

SHEET

17 of 114

CITY/VILLAGE/TOWNSHIP

CITY OF MASSILLON

COUNTY

STARK

CAND

CHM

PROJ LEADS

RAB

CD

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

GENERAL NOTES

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ITEM SPECIAL - FILL AND PLUG EXISTING CONDUIT

THIS ITEM SHALL CONSIST OF THE CONSTRUCTION OF BULKHEADS IN EXISTING CONDUITS AND FILLING THE AREA THUS SEALED OFF WITH ITEM 613, SAND OR OTHER MATERIAL APPROVED BY THE ENGINEER.

BULKHEADS SHALL BE LOCATED AT THE LIMITS OF THE AREA TO BE FILLED AS INDICATED ON THE PLANS. THE BULKHEADS SHALL CONSIST OF BRICK OR CONCRETE MASONRY WITH A MINIMUM THICKNESS OF 12 INCHES.

THE FILL MATERIAL SHALL BE PUMPED INTO PLACE, OR PLACED BY OTHER MEANS APPROVED BY THE ENGINEER, SO THAT, AFTER SETTLEMENT, AT LEAST 90 PERCENT OF THE CROSS-SECTIONAL AREA OF THE CONDUIT, FOR ITS ENTIRE LENGTH, SHALL BE FILLED. THE LENGTH OF FILLED AND PLUGGED CONDUIT TO BE PAID FOR SHALL BE THE ACTUAL NUMBER OF FEET (MEASURED ALONG THE CENTERLINE OF EACH CONDUIT FROM OUTER FACE TO OUTER FACE OF BULKHEADS) FILLED AND PLUGGED AS DESCRIBED ABOVE.

IN LIEU OF FILLING AND PLUGGING THE EXISTING CONDUIT, THE PIPE MAY BE CRUSHED AND BACKFILLED IN ACCORDANCE WITH THE PROVISIONS OF 203, OR IT MAY BE REMOVED. THE LENGTH, MEASURED AS PROVIDED ABOVE, SHALL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR, ITEM SPECIAL, FILL AND PLUG EXISTING CONDUIT.

ITEM SPECIAL - MAILBOX REMOVED AND RESET, AS PER PLAN

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING TEMPORARY AND FINAL MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE AND ATTACHING AN OWNER-SUPPLIED (OR REUSED) MAILBOX. WOOD POSTS SHALL BE PRESSURE TREATED AND NOMINAL 4" BY 4" SQUARE OR 4-1/2" DIAMETER ROUND. STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2" I.D. AND CONFORM TO AASHTO M 181. HARDWARE (PLATES, SCREWS, BOLTS, ETC.) SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL. POSTS SHALL BE SET 18" DEEP WITHOUT DAMAGE AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE. SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTION TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, SPACERS, AND WASHER) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW MAILBOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTION SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON THIER PART, AS JUDGED AND DIRECTED BY THE CITY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL ADDRESS TEMPORARY INSTALLATION AS NEEDED AND PERMANENT INSTALLATIONS. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR BOTH INSTALLATIONS SHALL APPLY.

THE UNIT PRICE BID FOR THIS ITEM SHALL INCLUDE ALL WORK, LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM AS SPECIFIED AND REQUIRED.

ITEM 201 - CLEARING AND GRUBBING, AS PER PLAN

CONTRACTOR SHALL CLEAR AND PREPARE AREAS WITHIN THE PROJECT LIMITS NOTED FOR RESTORATION IN ACCORDANCE WITH ODOT ITEM 201. INCLUDE THE COST TO REMOVE ITEMIZED TREES AND STUMPS LARGER THAN 12" AS SHOWN IN THE FOLLOWING TABLE.

SIZES	NO. TREES	NO. STUMPS	TOTAL
18"	1	-	1

TREES OR STUMPS 12" AND UNDER IN DIAMETER AND NOT ITEMIZED ARE CONSIDERED TO BE INCLUDED IN THE PRICE BID AND PAID FOR UNDER CLEARING AND GRUBBING, AS PER PLAN. PAYMENT SHALL BE MADE PER LUMP SUM AND SHALL INCLUDE ALL EQUIPMENT, LABOR, AND REMOVAL AND DISPOSAL OF TREES, STUMPS, ETC. A SEPARATE TREE REMOVAL ITEM IS NOT INCLUDED IN THE PROJECT.

ITEM 659 - SEEDING MISC.: TOPSOIL FURNISHED AND PLACED, SEEDING AND MULCHING, AS PER PLAN

ALL APPLICABLE PROVISIONS OF ODOT ITEM 659 AS SET FORTH IN THE LATEST REVISIONS OF THE ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS SHALL APPLY UNLESS MODIFIED HEREIN. THIS ITEMS SHALL INCLUDING FURNISHING AND SPREADING SCREENED TOPSOIL AND PREPARING THE SUBGRADE FOR SAME AS PER ITEM 653 AND AS PROVIDED HEREIN. PRIOR TO APPLYING TOPSOIL, ALL DISTURBED AREAS ARE TO BE HAND-RAKED OR ROCK HOUNDED. THERE SHALL BE NO MATERIALS IN THE TOP 6-INCHES OF THE BACKFILL LARGER THAN 3-INCHES IN ANY DIRECTION. APPLY TOPSOIL TO RAKED AND "DE-ROCKED" BACKFILL. SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL WITHIN THE CONSTRUCTION LIMITS. QUANTITY CALCULATIONS ARE BASED ON THESE LIMITS. TOPSOIL WILL BE SPREAD AT A RATE OF 12 CUBIC YARDS PER 1000 SQUARE FEET, OR ROUGHLY FOUR INCHES IN DEPTH, UNLESS OTHERWISE NOTED. TOPSOIL SHALL BE NATURAL, FRIABLE, LOAMY SOIL TYPICAL OF LOCAL TOPSOIL, FREE FROM SUBSOIL, SOD, HEAVY CLAY, STONES LARGER THAN 1/2-INCH, TOXIC SUBSTANCES, OR OTHER FOREIGN MATERIAL. TOPSOIL SHALL CONTAIN BETWEEN 8-20% ORGANIC MATTER.

FERTILIZER SHALL BE EVENLY APPLIED AT A RATE OF 20 LBS. OF 19-19-19 PER 1000 SQUARE FEET OR EQUIVALENT. FERTILIZER SHALL BE INCORPORATED INTO SOIL PRIOR TO SEEDING. ALL AREAS TO BE SEEDED SHALL RECEIVE THE FOLLOWING SEED MIXTURE AT 8 LBS PER 1000 SQUARE FEET:

30.80% KENTUCKY BLUEGRASS, 14.75% FORTITUDE CREEPING RED FESCUE, 9.85% BROOKLAWN KENTUCKY BLUE, 9.85% PROTEGE GLR PERENNIAL RYEGRASS, 9.85% AMAZING GS PERENNIAL RYEGRASS, 9.85% HOMERUN PERENNIAL RYEGRASS, 9.85% FIESTA 5 PERENNIAL RYEGRASS.

AT ALL LOCATIONS SUCH AS INTERSECTING STREETS, PRIVATE LAWNS, OR PARKS WHERE THE PROJECT SEEDING ADJOINS SEED OF A HIGHER TYPE OR QUALITY, THE CONTRACTOR SHALL, TO THE SATISFACTION OF THE CITY, ADJUST THE PROJECT SEEDING TO DUPLICATE OR MATCH THE HIGHER TYPE SEEDING AT NO ADDITIONAL COST TO THE CITY.

THE CONTRACTOR SHALL USE EROSION CONTROL NETTING IN ALL AREAS ADJACENT TO THE ROADWAY AND SIDEWALKS TO PREVENT MULCHING MATERIAL FROM ENTERING THE ROADWAY. THE OPERATION OF THE ACTUAL SEED SOWING WILL NOT E PERMITTED AT SUCH TIMES AS THE CITY DEEMS IMPROPER FOR SEEDING. PAYMENT FOR ALL ABOVE WORK INCLUDING THE TOPSOIL BED AND WATERING SHALL BE MADE AT THE SQUARE YARD PRICE BID. ANY ADDITIONAL AREA DISTURBED BY THE CONTRACTOR DURING THE COURSE OF THE PROJECT SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE CITY AND ACCORDING TO THE ABOVE SPECIFICATIONS. THE CONTRACTOR SHALL WATER IMMEDIATELY AFTER SEEDING AND MULCHING IS PLACED AND A MINIMUM OF 5 ADDITIONAL WATERINGS (EVERY OTHER DAY OVER 10 DAYS). WATERING SHALL OCCUR IN THE MORNING AND SHALL SATURATE THE UPPER 1-INCH OF ALL SEEDED AREAS. STORAGE OF TOPSOIL ON PAVEMENT IS PROHIBITED.

ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, MISC.: FIBER REINFORCED CONCRETE PAVEMENT, CLASS MS

THIS PAY ITEM CONSISTS OF ALL REQUIREMENTS OF ODOT CMS 452 INCLUDING PLACEMENT OF DOWELS AT TRANSVERSE CONTRACTION JOINTS AS SPECIFIED THEREIN. ADDITIONALLY, TRANSVERSE AND LONGITUDINAL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSIONS OF ODOT STANDARD CONSTRUCTION DRAWINGS BP-2.2 AND BP-2.3. OTHER REQUIREMENTS OF THIS PAY ITEM INCLUDE THE USE OF CLASS MS CONCRETE AND FIBER REINFORCEMENT. USE MICROFIBER AT A MIX DOSAGE RATE OF 3 LB/CY.

ITEM 624 - MOBILIZATION

THIS ITEM HAS BEEN INCLUDED IN THE CONTRACT TO ALLOW THE CONTRACTOR TO MEET THE REQUIREMENTS OF THE PLAN AND ITEM 624. THE LUMP SUM PRICE BID FOR THIS ITEM SHALL INCLUDE ALL WORK, LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM AS SPECIFIED AND REQUIRED.

ITEM SPECIAL - PROJECT BONDING

THIS ITEM HAS BEEN INCLUDED IN THE CONTRACT TO ALLOW THE CONTRACTOR TO ITEMIZE THE COST OF MEETING ALL BONDING REQUIREMENTS OF THE PROJECT (I.E., PERFORMANCE BOND, MAINTENANCE BOND, ETC.)

THE LUMP SUM PRICE BID FOR THIS ITEM SHALL INCLUDE ALL WORK, LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM AS SPECIFIED AND REQUIRED.

ITEM SPECIAL - POT-HOLING EXISTING UTILITIES, AS DIRECTED

THIS ITEM HAS BEEN INCLUDED IN THE BID FOR THE FOLLOWING PURPOSE.

1. TO ALLOW THE CONTRACTOR TO COORDINATE WITH OUPS TO MARK LOCATION OF EXISTING UTILITIES.
2. TO ALLOW THE CONTRACTOR TO DIG TEST HOLES TO LOCATE EXISTING UTILITIES THAT MAY BE CROSSED OR MAY BE POTENTIALLY CONFLICTING WITH FUTURE UTILITY CONSTRUCTION. THIS ITEM SHALL ALSO BE USED TO LOCATE EXISTING WATER SERVICES, SEWER SERVICES, AS WELL AS ELECTRIC, PHONE, CABLE, AND GAS SERVICES.
3. THIS WORK SHALL COMMENCE PRIOR TO CONSTRUCTION OF ANY PROPOSED MAINS, TRUNKS, OR SERVICES. THE CONTRACTOR SHALL DOCUMENT ON TWO (2) RECORD SETS OF PLANS, ALL "POT HOLING" LOCATIONS, ELEVATIONS, AND FINDINGS, ONE (1) SET TO BE KEPT ON SITE FOR FUTURE REFERENCE AND THE SECOND SET SHALL BE DELIVERED TO THE ENGINEER FOR THEIR RECORDS AND USE IN CONFLICT RESOLUTION. SUBMIT THE POT-HOLING FINDINGS TO THE ENGINEER ONE WEEK PRIOR TO PERFORMING PROPOSED MAIN, TRUCK OR SERVICE INSTALLATION WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL POTENTIAL CONFLICTS IMMEDIATELY FOLLOWING THE "POT HOLING" PROCESS TO ALLOW THE ENGINEER TIME TO CORRECT ANY CONFLICTS PRIOR START OF CONSTRUCTION OPERATIONS.
4. SHOULD THE CONTRACTOR ELECT TO NOT PERFORM ANY PORTION OF THIS WORK AS DESCRIBED, THERE SHALL BE NO ADDITIONAL CLAIMS RELATED TO UNKNOWN LOCATIONS OF UTILITIES, SERVICES, OR DELAYS, DUE TO CONDITIONS THAT COULD HAVE BEEN FORESEEN WITH FULL UTILIZATION OF THIS LINE ITEM.

THE LUMP SUM PRICE BID FOR THIS ITEM SHALL INCLUDE ALL WORK, LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM AS SPECIFIED AND REQUIRED AT THE DIRECTION OF THE CITY.

EROSION CONTROL

THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO PREVENT CONSTRUCTION SEDIMENT RUNOFF FROM ENTERING WATERWAYS.

ITEM SPECIAL - FILTER FABRIC FENCE	1085 FT
ITEM SPECIAL - INLET PROTECTION	64 EACH

SEE SHEETS 113-114 FOR SWPPP DETAILS.

ITEM SPECIAL - CONCRETE TESTING, AS DIRECTED

AN ALLOWANCE HAS BEEN INCLUDED IN THE BID FORM TO PROVIDE CONCRETE TESTING FOR THE PROJECT.

THE CONTRACTOR SHALL ENTER INTO A SEPARATE AGREEMENT FOR THE CONCRETE TESTING (AGREEMENT) WITH THE ENGINEER, OR DESIGNATED TESTING COMPANY, TO PERFORM THE CONCRETE TESTING PER THE FOLLOWING SCOPE. ONCE THE AGREEMENT IS SIGNED, THE CONCRETE TESTING WORK MAY BEGIN ON THE PROJECT AT THE CONTRACTOR'S REQUEST.

THE CONTRACTOR SHALL ALLOW 48-HOUR NOTICE PRIOR TO THE COMMENCEMENT OF CONCRETE TESTING NECESSARY.

THE FOLLOWING ITEMS SHALL BE PROVIDED, AS APPLICABLE, AS DIRECTED BY THE ENGINEER:

1. CONCRETE DENSITY, TEMPERATURE, AIR ENTRAINMENT, & SLUMP.
2. CONCRETE CYLINDERS AND BEAMS FOR STRENGTH TESTS.
3. ALL TESTING TO BE SCHEDULED AND PERFORMED PER THE CONTRACT CONCRETE TESTING SPECIFICATION.
4. THE ENGINEER OR DESIGNATED TESTING COMPANY SHALL PROVIDE TESTING RESULTS & REPORTS FOR THE PROJECT.
5. ANY CHANGE ORDER FOR EXTRA CONCRETE WORK, WHICH REQUIRES EXTRA CONCRETE TESTING, WILL INCLUDE A PROPORTIONATE EXTRA COST FOR THE TESTING.

CONTRACTOR SHALL COORDINATE THE SCHEDULING OF CONCRETE TESTING WITH THE ENGINEER'S PROJECT INSPECTOR ON-SITE. A MINIMUM OF 48 HOURS' NOTICE, PRIOR TO THE PROPOSED CONCRETE POUR SHALL BE PROVIDED.

THE CONTRACTOR SHALL NOT MODIFY THE ALLOWANCE AMOUNT SHOWN IN THE BID FORM.

ALLOWANCE SHALL BE UTILIZED AND DISPERSED ONLY AS DIRECTED BY THE ENGINEER.

ANY QUESTIONS OR CONCERNS WITH THIS SCOPE NEEDS TO BE ADDRESSED IN WRITING WITH THE OWNER PRIOR TO THE BID SO THE CONCERN CAN BE ADDRESSED FAIRLY WITH ALL BIDDERS PRIOR TO THE BID. THE CONTRACTOR SHALL PAY THE ENGINEER'S TESTING COMPANY DIRECTLY FOR THIS WORK, AS PER THE AGREEMENT, USING THIS LINE ITEM, WITHIN 30 DAYS OF PAYMENT FROM THE OWNER. FAILURE TO PAY FOR CONCRETE TESTING PER THE AGREEMENT MAY RESULT IN A DEDUCTION FROM FUTURE PAY REQUESTS TO COVER THE DEFICIENCY UNTIL SUCH TIME THE PAYMENT IS MADE.

UNUSED FUNDS SHALL BE CREDITED TO THE OWNER.

A DESIGNATED ALLOWANCE AMOUNT FOR THIS ITEM SHALL INCLUDE ALL WORK, LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM AS SPECIFIED AND REQUIRED.

ITEM SPECIAL - MISCELLANEOUS REMOVAL/RELOCATION, AS DIRECTED

THIS ITEM HAS BEEN INCLUDED IN THE CONTRACT AS AN ALLOWANCE FOR THE CONTRACTOR TO REMOVE, RELOCATE, AND/OR RECONSTRUCT ANY SIGNS, LANDSCAPING, ROCKS, BOULDERS, OR OTHER APPURTENANCES WITHIN THE RIGHT-OF-WAY WHICH CONFLICT WITH THE CONTRACTOR'S WORK. THE CONTRACTOR SHALL FIELD REVIEW THE PROJECT, PRIOR TO BIDDING, TO INCLUDE THE APPROPRIATE COSTS IN THE BID ITEM. THE LUMP SUM PRICE BID FOR THIS ITEM SHALL INCLUDE ALL WORK, LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM AS SPECIFIED AND REQUIRED.



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Robert A. Burgoyne, PE
Ohio Professional Engineer
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REVISIONS

SHEET	DATE	PROJ NUMBER	ENVS	PROJ NAME	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
715624	7/15/24	304520040	CE20	948	OHM	STARK	CITY OF MASSILLON

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

GENERAL NOTES

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CONSTRUCTION LAYOUT STAKES AND SURVEYING

GENERAL NOTES

- ### RIGHT-OF-WAY STAKING

- ### CONSTRUCTION LIMITS

- WATERLINE

- SANITARY & STORM SEWER

- PAVEMENT/CURB STAKING

- ## CONSTRUCTION LAYOUT STAKES AND SURVEYING (CONT.)

SIDEWALKS

- ### SPECIAL STAKING

- PROJECT VIDEO

GENERAL

COVERAGE OF COLOR AUDIO-VIDEO RECORDING

SUBMITTALS

AS-BUILT PLANS

MOT CONCEPT PLAN

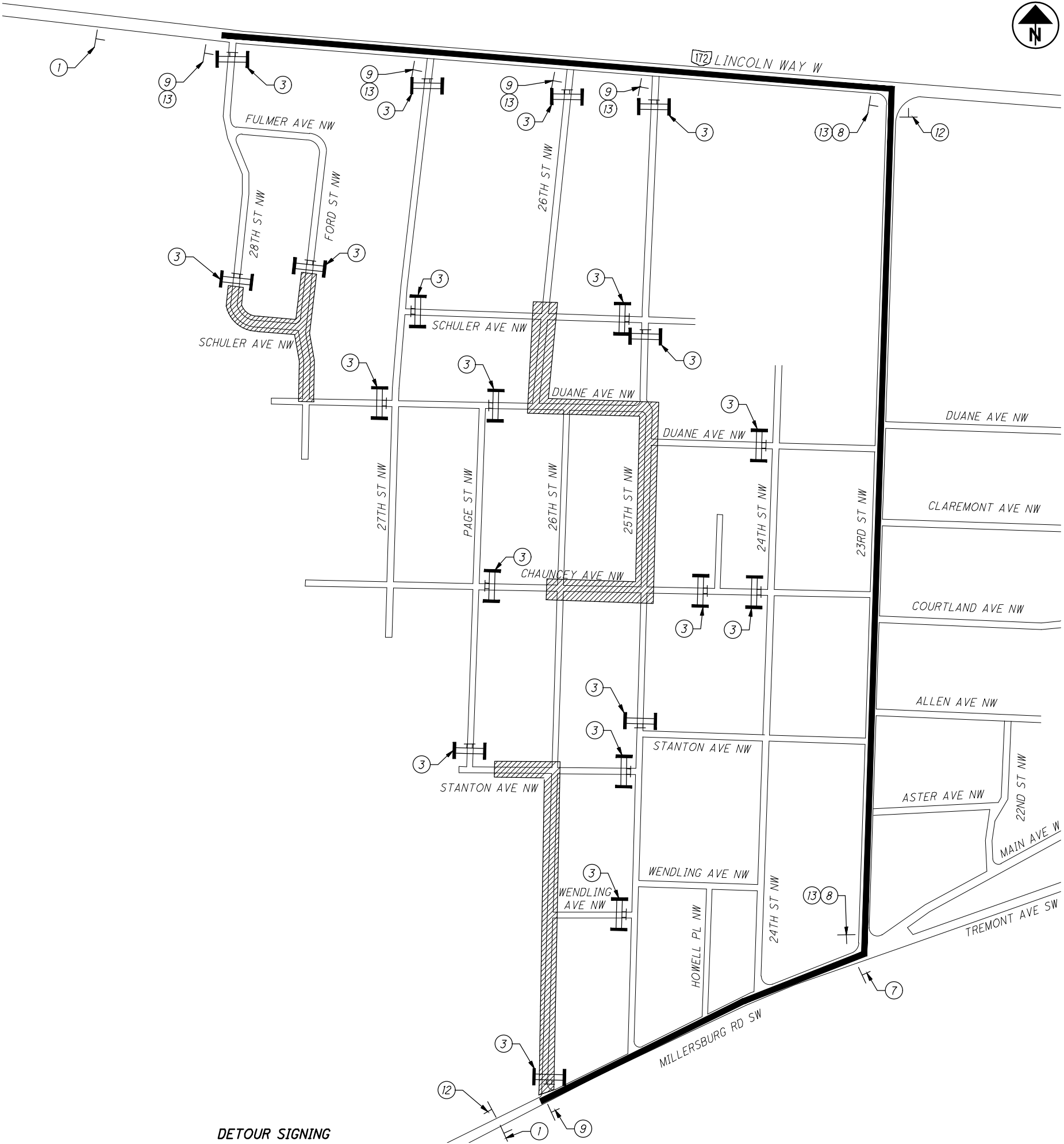
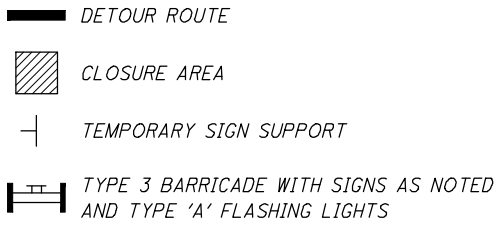
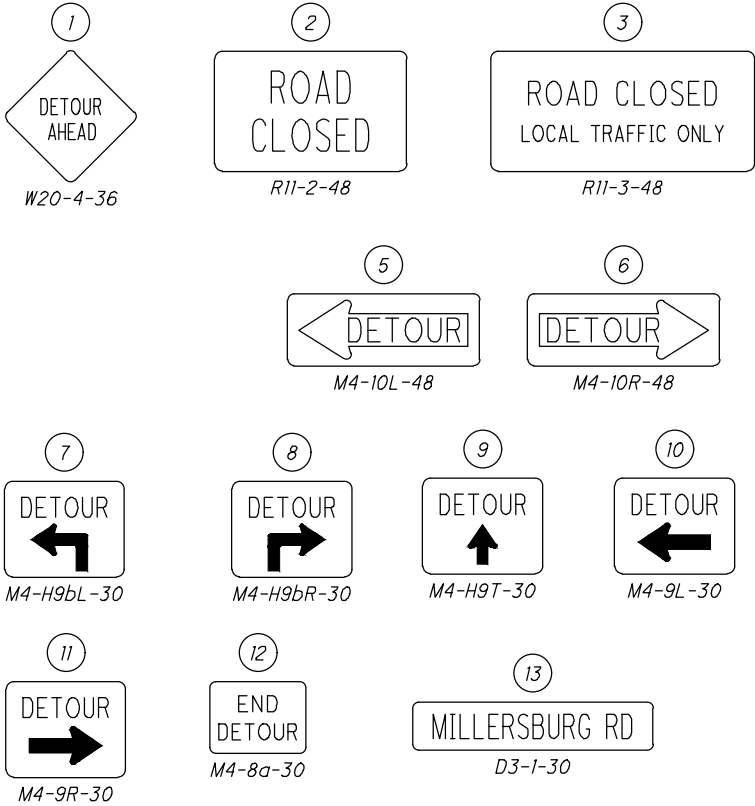
THIS PLAN SHOWS THE APPROVED MOT CONCEPT FOR THE PROJECT.

- ROAD CLOSURE FOR THRU TRAFFIC
- DETOURS AS PROVIDED
- LOCAL ACCESS MAINTAINED PER NOTES

THE CONTRACTOR MAY SUBMIT ALTERNATE METHODS FOR APPROVAL BY THE ENGINEER, PRIOR TO COMMENCING ANY CHANGES.

FOR MAINTENANCE OF TRAFFIC NOTES, SEE SHEET 21

IF WORK IS PREFORMED IN PHASES, ADDITIONAL BARRICADES AND SIGNS MAYBE NECESSARY TO ENCOMPASS AND PROTECT WORK LIMITS.



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Ohio Professional Engineer
#71558

REVISIONS:

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
MAINTENANCE OF TRAFFIC

DATE	PROJ NUMBER	ENG	PROJ LEADER	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/18/24	2024049	CCO	RAB	CHM	STARK	CITY OF MASSILLON

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ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN

WHEN THIS ITEM IS CALLED FOR ON THE PLANS OR IN THE PROPOSAL, ALL APPLICABLE PROVISIONS OF ODOT ITEM NO. 614, MAINTAINING TRAFFIC, AS SET FORTH IN THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL APPLY EXCEPT AS MODIFIED HEREIN.

THE CONTRACTOR SHALL PREPARE A MAINTENANCE OF TRAFFIC (MOT) PLAN AND SUBMIT TO THE ENGINEER FOR APPROVAL. THE MOT PLAN MUST BE APPROVED BY THE ENGINEER, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE FOLLOWING CONDITIONS SHALL BE MET FOR ANY APPROVED MOT PLAN:

ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR, IN ACCORDANCE WITH THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (OMUTCD), CURRENT VERSION, PER FIGURE 6H-6. PLAN INSERT (DROP OFFS IN WORK ZONES) SHALL APPLY TO ALL WORK ON THIS PROJECT.

ALL TRENCHES WITHIN THE PAVEMENT, BERM, AND SHOULDER SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

SAFE "RAMPING" TO ADJACENT TRAFFIC LANES AND ADJACENT PROPERTIES/DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. 304 MATERIAL OR OTHER ACCEPTABLE MATERIAL SHALL BE UTILIZED, AS DIRECTED BY THE ENGINEER.

TWO LANE TWO WAY TRAFFIC: SHALL BE MAINTAINED AT ALL TIMES, EXCEPT AS SPECIFICALLY NOTED WITHIN THE PLAN. TRAVELED LANES SHALL BE A MINIMUM OF 10' WIDE.

ONE LANE, TWO WAY TRAFFIC: MAY BE MAINTAINED DURING DAYTIME WORKING HOURS FROM 9AM TO 4PM, IN ACCORDANCE WITH THE OMTCD (FIGURE C-18) AND STANDARD DRAWINGS. TRAVELED LANE SHALL BE A MINIMUM OF 10' WIDE.

HORIZONTAL AND VERTICAL ALIGNMENTS FOR LANES SHALL MEET 25MPH DESIGN STANDARDS PER THE ODOT L&D MANUAL, VOLUME 1.

ADDITIONAL NOTES: THE ENGINEER SHALL RESERVE THE RIGHT TO MODIFY SIGNAGE TO MEET CURRENT TRAFFIC CONDITIONS AT NO ADDITIONAL COST TO THE CITY OF MASSILLON. IF, IN THE OPINION OF THE ENGINEER, PROPER TRAFFIC CONTROL IS NOT BEING PROVIDED OR MAINTAINED BY THE CONTRACTOR, THE APPROPRIATE TRAFFIC CONTROL DEVICES WILL BE INSTALLED BY THE OWNER. ALL COSTS WILL BE BORNE BY THE CONTRACTOR THROUGH A CHANGE ORDER DEDUCTION FROM THE PROJECT CONTRACT.

LOCAL ACCESS REQUIREMENTS:

- POLICE DEPARTMENT & FIRE DEPARTMENT OPERATIONS: THE CONTRACTOR SHALL AT ALL TIMES, REGARDLESS OF SPECIFIC DETOUR ROUTES, PROVIDE ACCESS TO POLICE AND FIRE PERSONNEL/EQUIPMENT ALONG ALL CONSTRUCTION ZONES WITHIN THE PROJECT. ACCESS SHALL BE A MINIMUM OF 10' IN WIDTH, WITH HARD PAVEMENT SURFACE CAPABLE OF SUPPORTING A 50,000 LB FIRE TRUCK.
- COMMERCIAL PROPERTIES: THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 50% OF THE ACCESS POINTS TO ALL COMMERCIAL PROPERTIES.
- RESIDENTIAL PROPERTIES: THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH EACH RESIDENCE, SUCH THAT ACCESS IS MAINTAINED TO EACH DRIVEWAY DURING NORMAL INGRESS/EGRESS TIMES. THESE TIMES WILL VARY PER RESIDENCE, DEPENDING UPON WORK SCHEDULES, BUS SCHEDULES, ETC. THE CONTRACTOR SHALL NOTIFY ALL RESIDENTS INDIVIDUALLY, IN WRITING, PRIOR TO CONSTRUCTION.
- OTHER ACCESS: MAIL DELIVERY, GARBAGE COLLECTION, SCHOOL BUS PICKUP/DROPOFF, RTA SERVICE, AND OTHER NORMAL SERVICES TO PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. SPECIAL AGREEMENTS/CONSIDERATIONS CAN BE MADE BY THE CONTRACTOR PROVIDED IT IS IN WRITING AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING THE CHANGE.

THE CONTRACTOR SHALL BID ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN USING THE PLAN GUIDELINES ALONG WITH THE CONTRACTORS PLANNED CONSTRUCTION SCHEDULE AND PROCESS METHODS NECESSARY TO CONSTRUCT THE PROJECT.

THE LUMP SUM PRICE BID FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THIS ITEM AS SPECIFIED AND REQUIRED HEREIN.

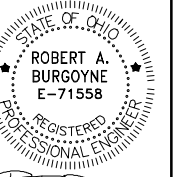
MODIFICATION TO EXISTING CONDITIONS: THE CONTRACTOR SHALL PROVIDE COSTS IN THE BID TO PROVIDE SIGNS, STRIPING, ETC., AS WELL AS THE REMOVAL AND RE-ERECTION OF MAILBOXES, SIGNS, OR OTHER OBJECTS THAT CONFLICT WITH THE CONTRACTOR'S PLAN TO MAINTAIN TRAFFIC. ALL COSTS FOR THIS WORK, WHICH SHALL BE INCLUSIVE OF ALL COSTS TO MEET THE MAINTENANCE OF TRAFFIC REQUIREMENTS, SHALL BE INCLUDED IN ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN.



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM



Robert A Burgoyne, PE
Professional Engineer
1558

ACCEPTED MANUSCRIPT

CITY OF MASSACHUSETTS

TABLE 1

WHO

9298

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2062

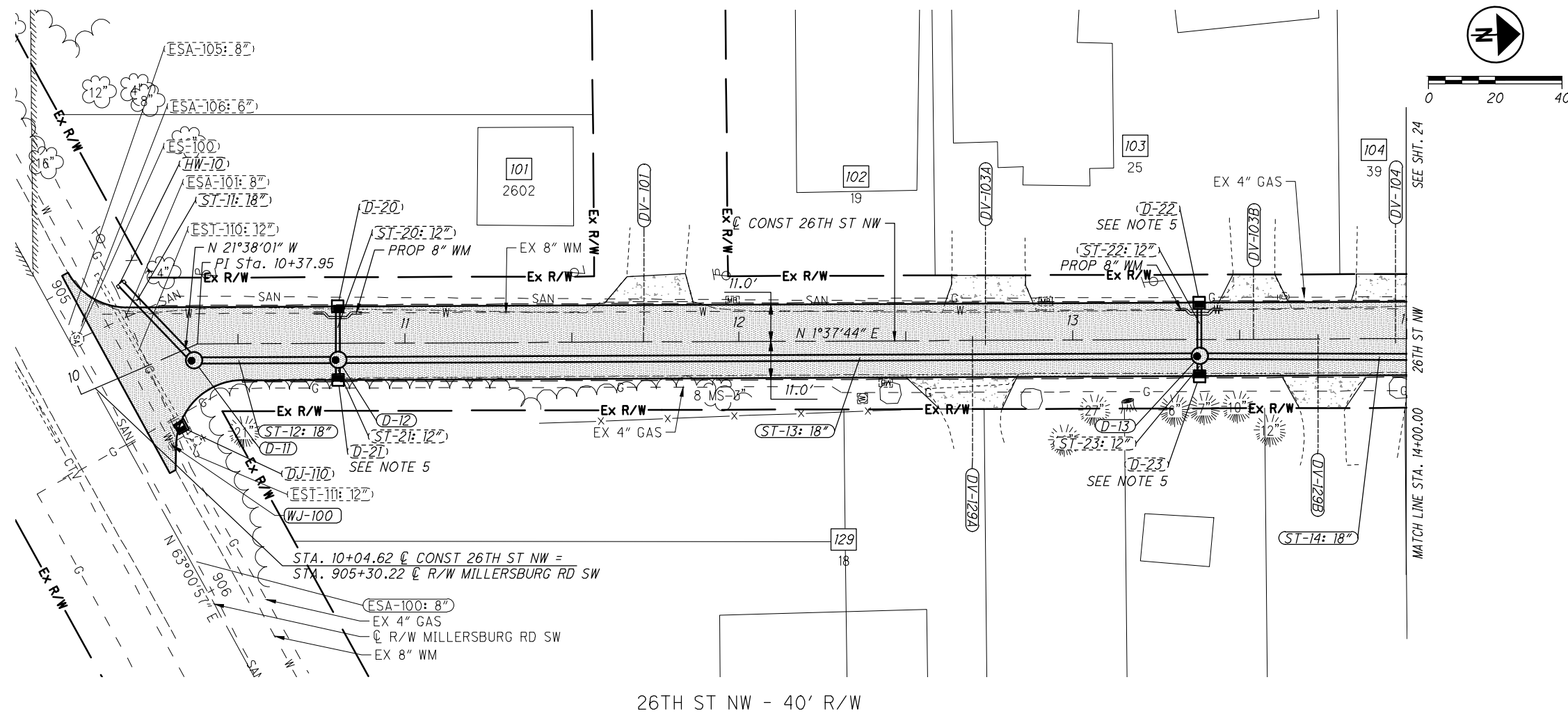
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CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

MAINTENANCE OF TRAFFIC NOISES

[illegible]

DRAWING PATH: P:\0001_3493\3493\220240\30H_Sheet_JNW_Area_SS\CDOT\04M22191\Design\Roadway\Sheet\30022_GPI04.dwg Jul 19, 2024 7:55am



CROSS REFERENCES	
Sht No.	Description
6	☐ Benchmarks (CPs & TBMs)
7	Property Owner/Parcel Data (☐)
36	26th St NW Storm Sewer Outlet
37,40	Cross Sections - 26th St NW
81	Intersection Details

PLAN LEGEND:

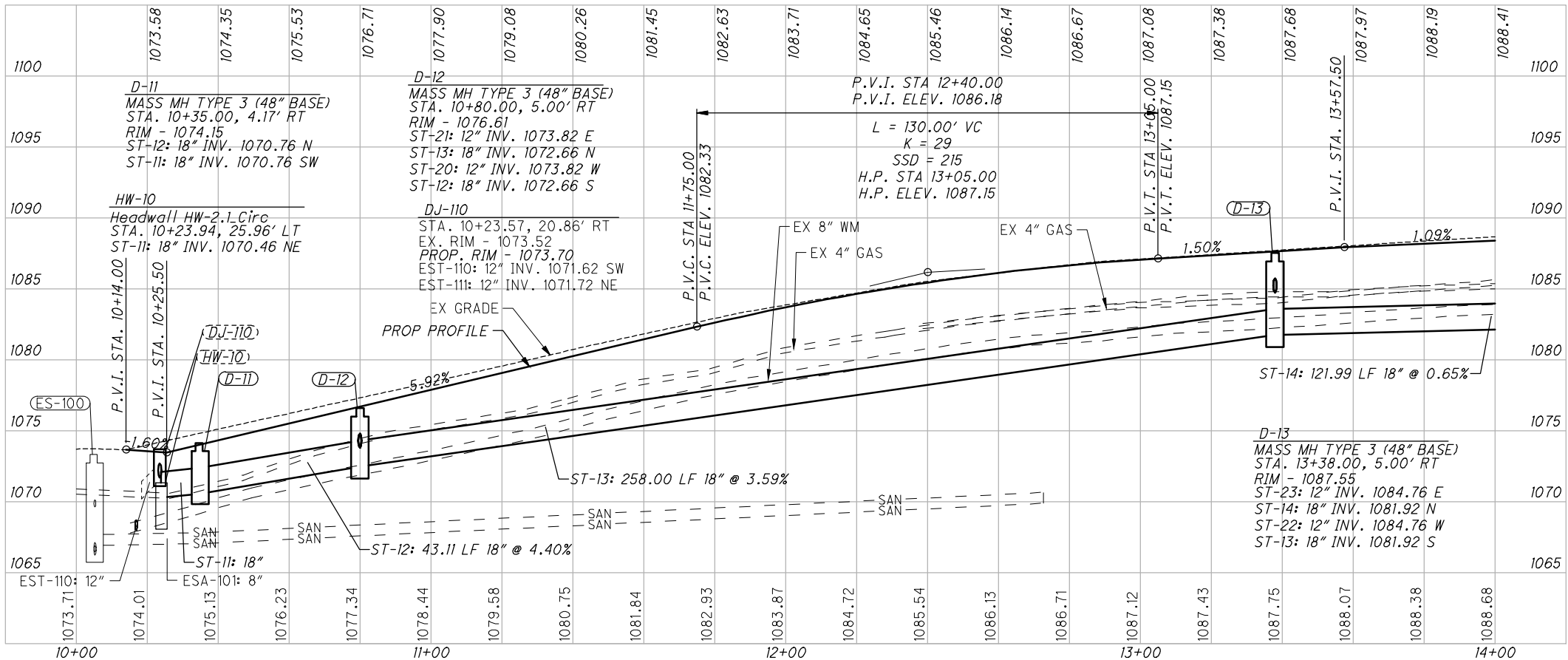
- PROP FULL-DEPTH PAVEMENT REPLACEMENT (SEE TYP. SECTIONS SHT. 9)
- PROP CONCRETE APRON (SEE DETAIL SHT. 99)

NOTES:

- UNDERGROUND UTILITY SERVICES TO EACH PROPERTY EXIST, ALTHOUGH NOT SPECIFICALLY SHOWN ON THE PLAN OR PROFILE VIEW. CONTRACTOR SHALL ANTICIPATE CROSSING: WATER SERVICES, STORM/SANITARY SERVICES, AND GAS SERVICES. CONFLICTS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
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- SEE SHEET 101 FOR TYPICAL WATER MAIN RELOCATION DETAIL.
- CONTRACTOR TO POT HOLE EXISTING GAS MAIN AND NOTIFY THE ENGINEER IF 12" OF CLEARANCE CANNOT BE ACHIEVED WITH THE NEW CATCH BASINS.

UTILITIES - ATTENTION BIDDERS/CONTRACTORS

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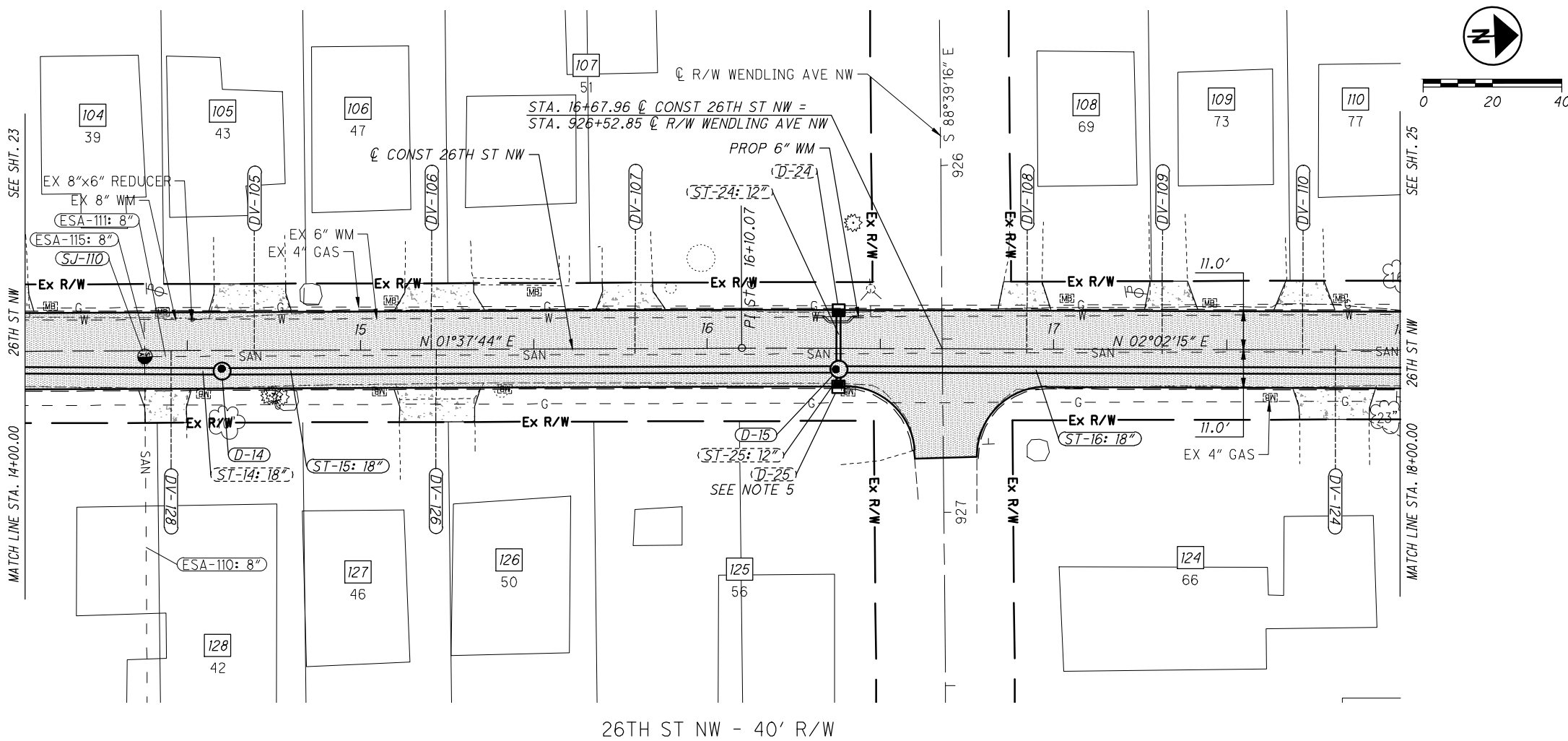
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Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
PLAN & PROFILE - 26TH ST NW
STA. 10+00.00 TO STA. 14+00.00

23 of 114

DRAWING PATH: P:\000_3489_38222040_23th_Street_JMW_Area_SS\CDOT\04M22191\Design\Roadway\Sheet\3062_GPI04.dwg Jul 19, 2024 7:55am



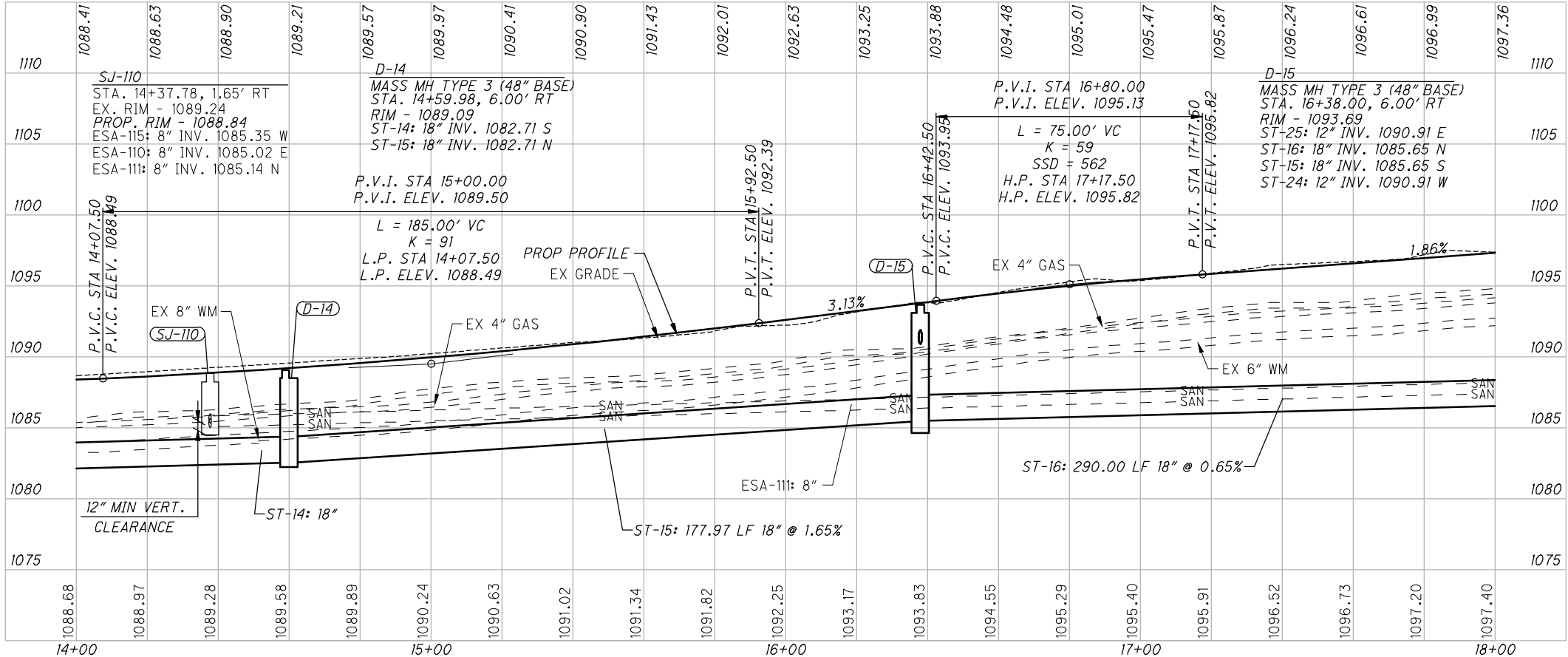
CROSS REFERENCES	
Sht No.	Description
6	☉ Benchmarks (CPs & TBMs)
7	Property Owner/Parcel Data (☐)
45	Cross Sections - 26th St NW
82	Intersection Details

- PLAN LEGEND:**
- PROP FULL-DEPTH PAVEMENT REPLACEMENT (SEE TYP. SECTIONS SHT. 9)
 - PROP CONCRETE APRON (SEE DETAIL SHT. 99)

- NOTES:**
- UNDERGROUND UTILITY SERVICES TO EACH PROPERTY EXIST, ALTHOUGH NOT SPECIFICALLY SHOWN ON THE PLAN OR PROFILE VIEW. CONTRACTOR SHALL ANTICIPATE CROSSING: WATER SERVICES, STORM/SANITARY SERVICES, AND GAS SERVICES. CONFLICTS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
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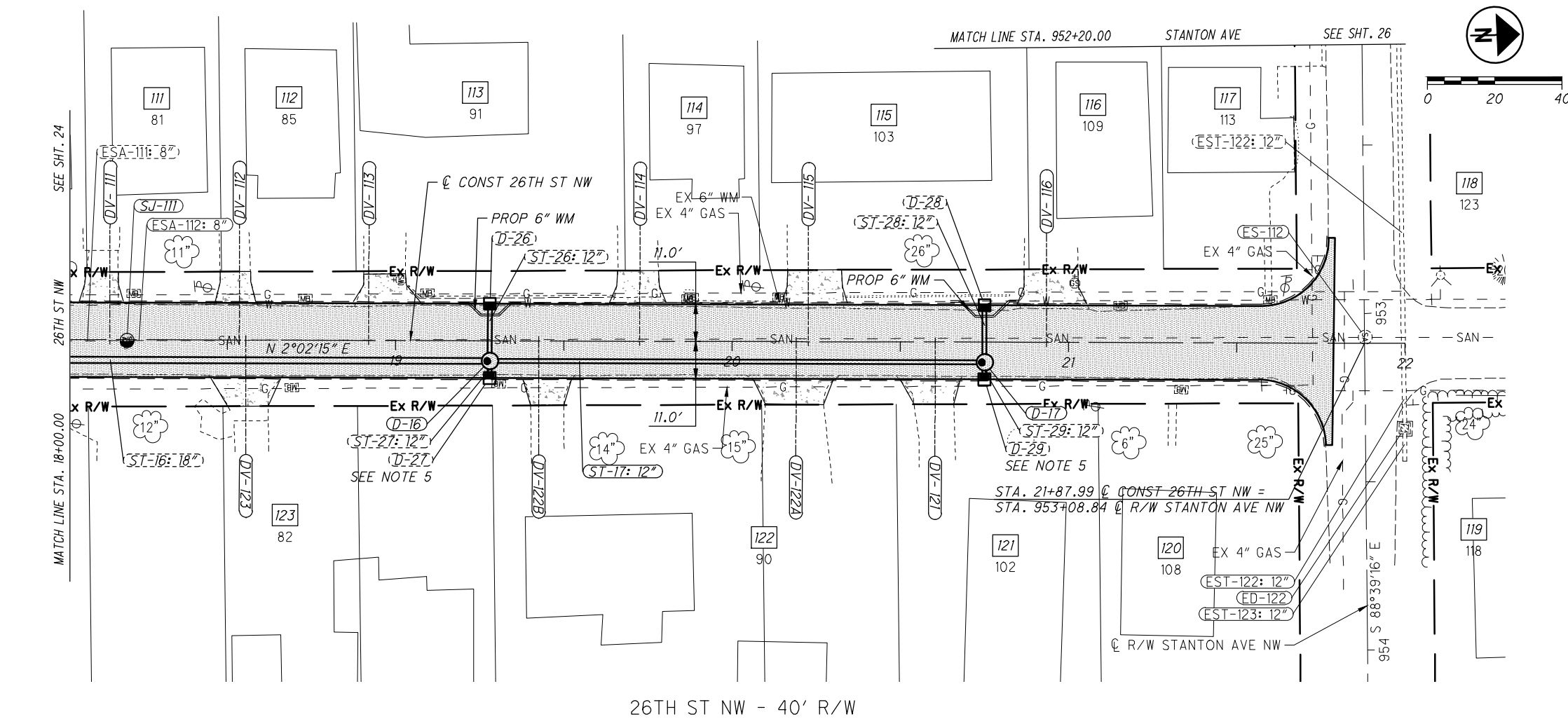
ARCHITECTS ENGINEERS PLANNERS
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AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
ROBERT A. BURGOWNE
E-71558
Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
PLAN & PROFILE - 26TH ST NW
STA. 14+00.00 TO STA. 18+00.00

24 of 114

DRAWING PATH: P:\000_3493\06220240\30th_Street_JMW_Area_SS\CDOT\04M22191\Design\Roadway\Sheet\300622.GPJ04.dwg Jul 19, 2024 7:55am



CROSS REFERENCES	
Sh# No.	Description
6	☉ Benchmarks (CPs & TBMs)
7	Property Owner/Parcel Data (☐)
49,51	Cross Sections - 26th St NW

- PLAN LEGEND:**
- PROP FULL-DEPTH PAVEMENT REPLACEMENT (SEE TYP. SECTIONS SHT. 9)
 - PROP CONCRETE APRON (SEE DETAIL SHT. 99)

ARCHITECTS ENGINEERS PLANNERS

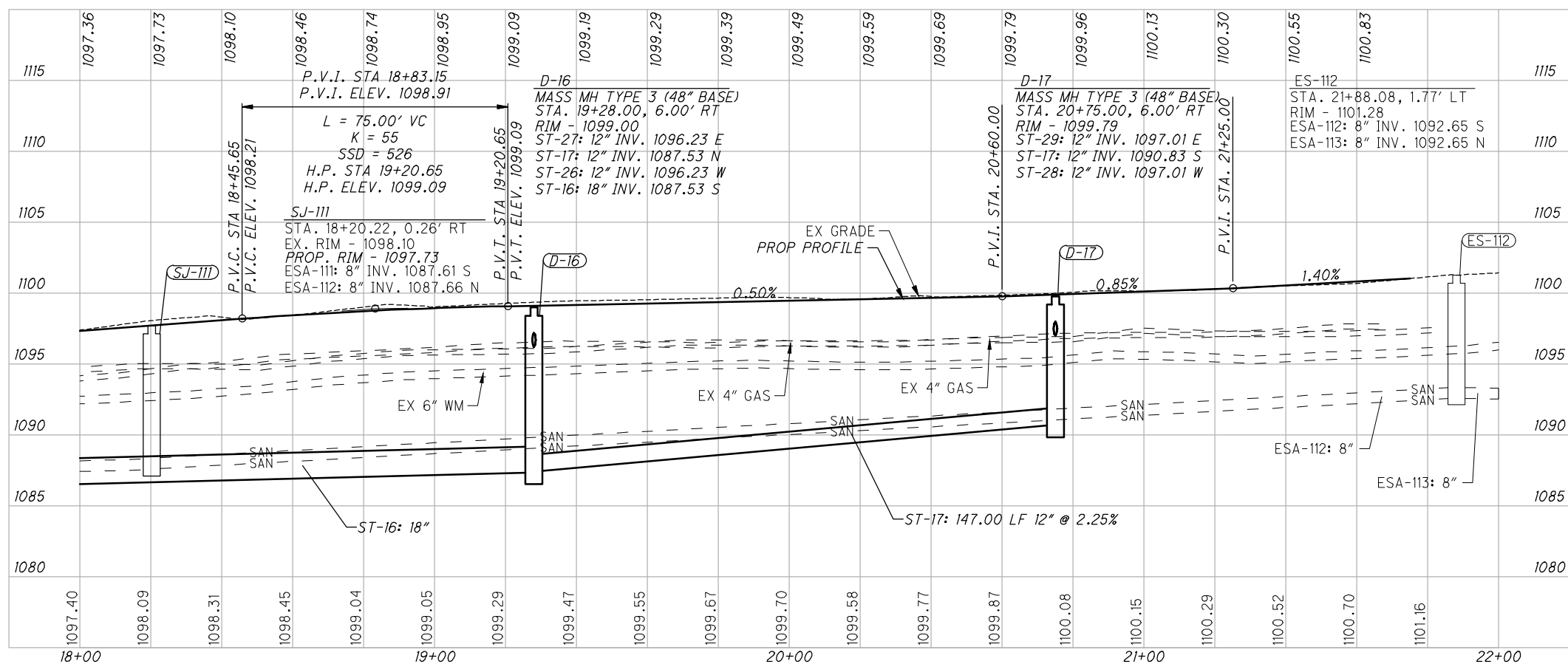
388 S. MAIN ST., SUITE 301
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330.913.1080

OHM-ADVISORS.COM

STATE OF OHIO

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558



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CITY OF MASSILLON

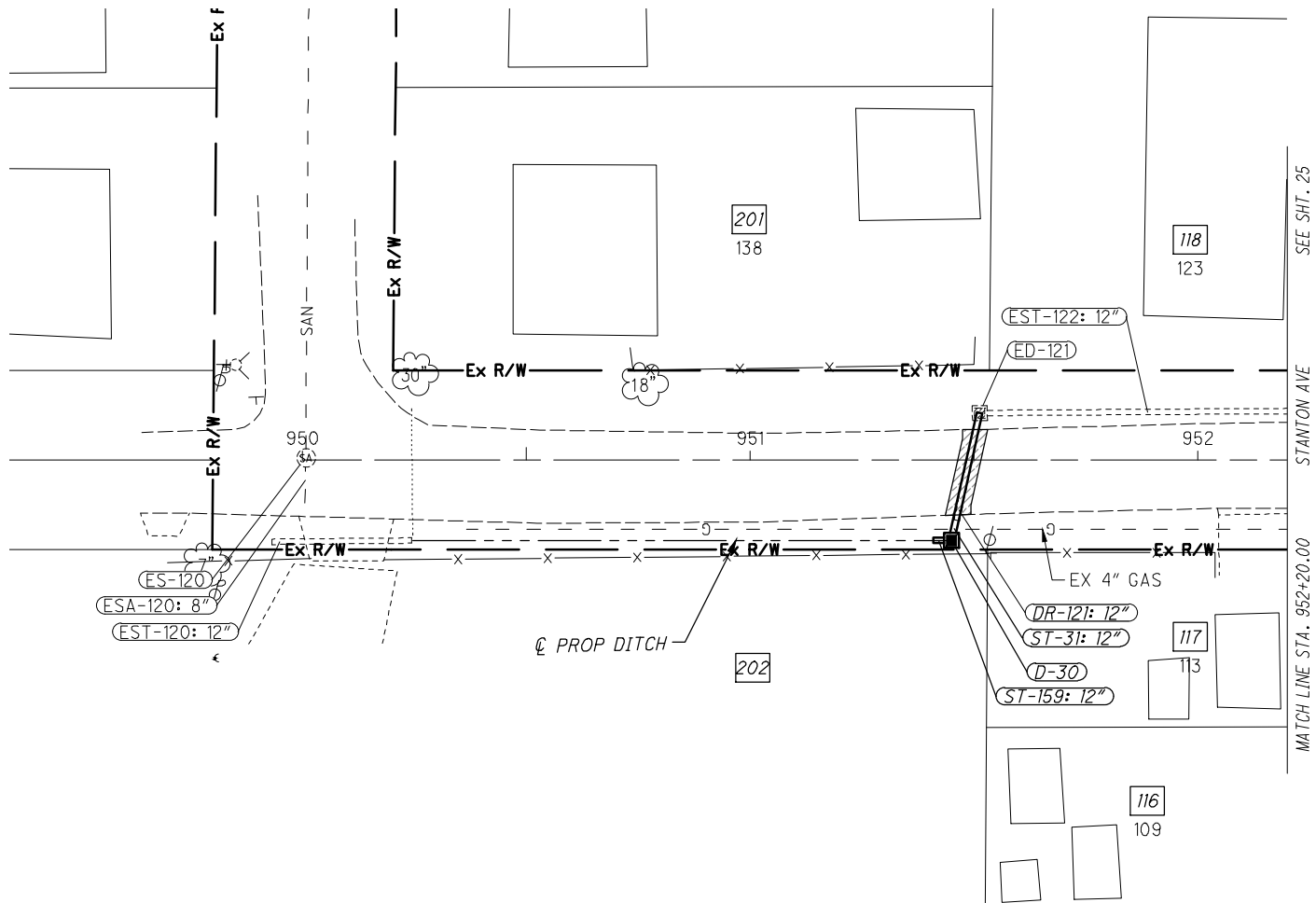
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

PLAN & PROFILE - 26TH ST NW

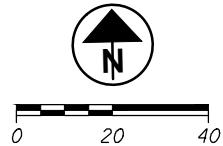
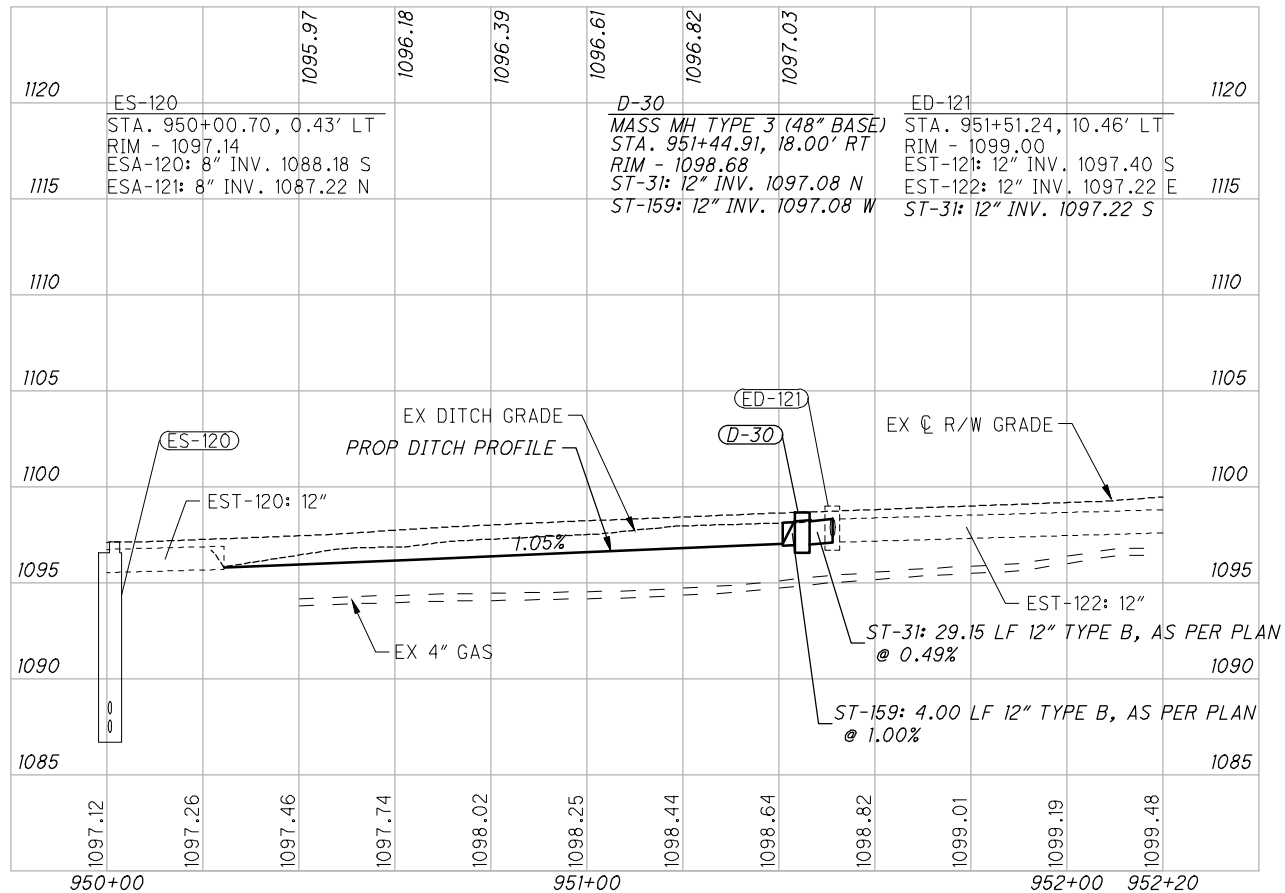
STA. 18+00.00 TO STA. 22+00.00

25 of 114

DRAWING PATH: P:\3000_3489\3489\220240_3489_Street_JUV_Area_SS\CDOT\04\02\19\Design\Roadway\Sheet\3002_GPI04.dwg Jul 19, 2024 7:55am



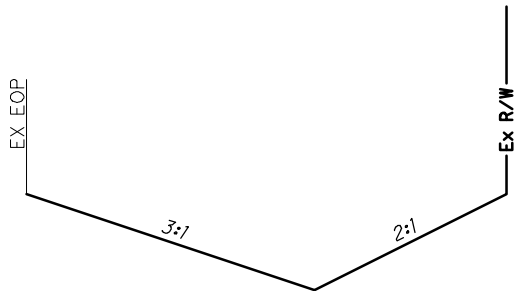
STANTON AVE - 40' R/W



CROSS REFERENCES	
Sht No.	Description
6	☒ Benchmarks (CPs & TBMs)
7	Property Owner/Parcel Data (☐)

PLAN LEGEND:

 PROP STANTON AVE SEWER TRENCH REPAIR (SEE DETAIL SHT. 100)



TYPICAL DITCH SECTION STANTON AVE

NOT TO SCALE

NOTES:

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UTILITIES - ATTENTION BIDDERS/CONTRACTORS

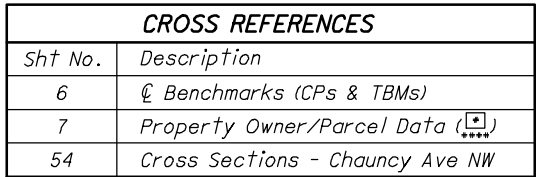
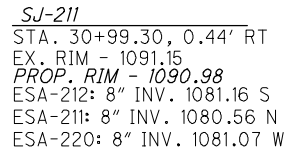
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STATE OF OHIO
ROBERT A. BURGOWNE
E-71558
REGISTERED PROFESSIONAL ENGINEER
Robert A. Burgoyne
Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
PLAN & PROFILE - STANTON AVE
STA. 950+00.00 TO STA. 952+20.00

32+00 32+40



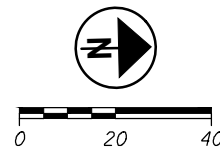
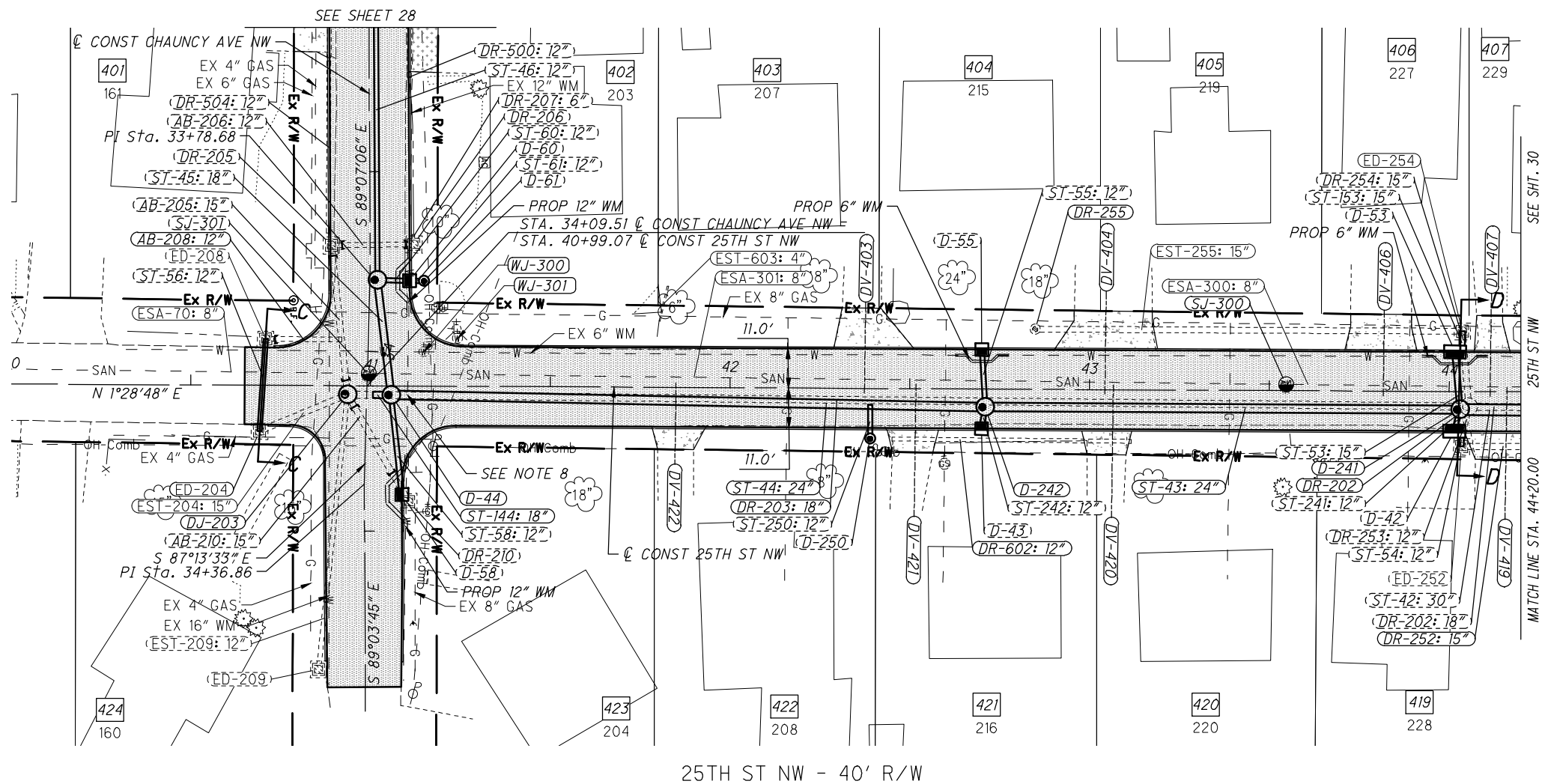
 *PROP FULL-DEPTH PAVEMENT REPLACEMENT
(SEE TYP. SECTIONS SHT. 10)*

 *PROP CONCRETE APRON
(SEE DETAIL SHT. 99)*

1. UNDERGROUND UTILITY SERVICES TO EACH PROPERTY EXIST, ALTHOUGH NOT SPECIFICALLY SHOWN ON THE PLAN OR PROFILE VIEW. CONTRACTOR SHALL ANTICIPATE CROSSING: WATER SERVICES, STORM/SANITARY SERVICES, AND GAS SERVICES. CONFLICTS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
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5. TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.
6. CONTRACTOR TO POT HOLE EXISTING GAS MAIN AND NOTIFY THE ENGINEER IF 12" OF CLEARANCE CANNOT BE ACHIEVED WITH THE NEW CATCH BASINS.
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8. EXISTING LANDSCAPING TO BE STORED ON SITE AND REINSTALLED. SEE SHEET 16 FOR PROTECTION OF RIGHT-OF-WAY LANDSCAPING NOTE.

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DRAWING PATH: P:\000\3489\3489\220240\3489_Street\JUV_Area_SSD\CDOT\04\02\19\Design\Roadway\Sheet\3062_GPI03.dwg Jul 19, 2021 7:59am



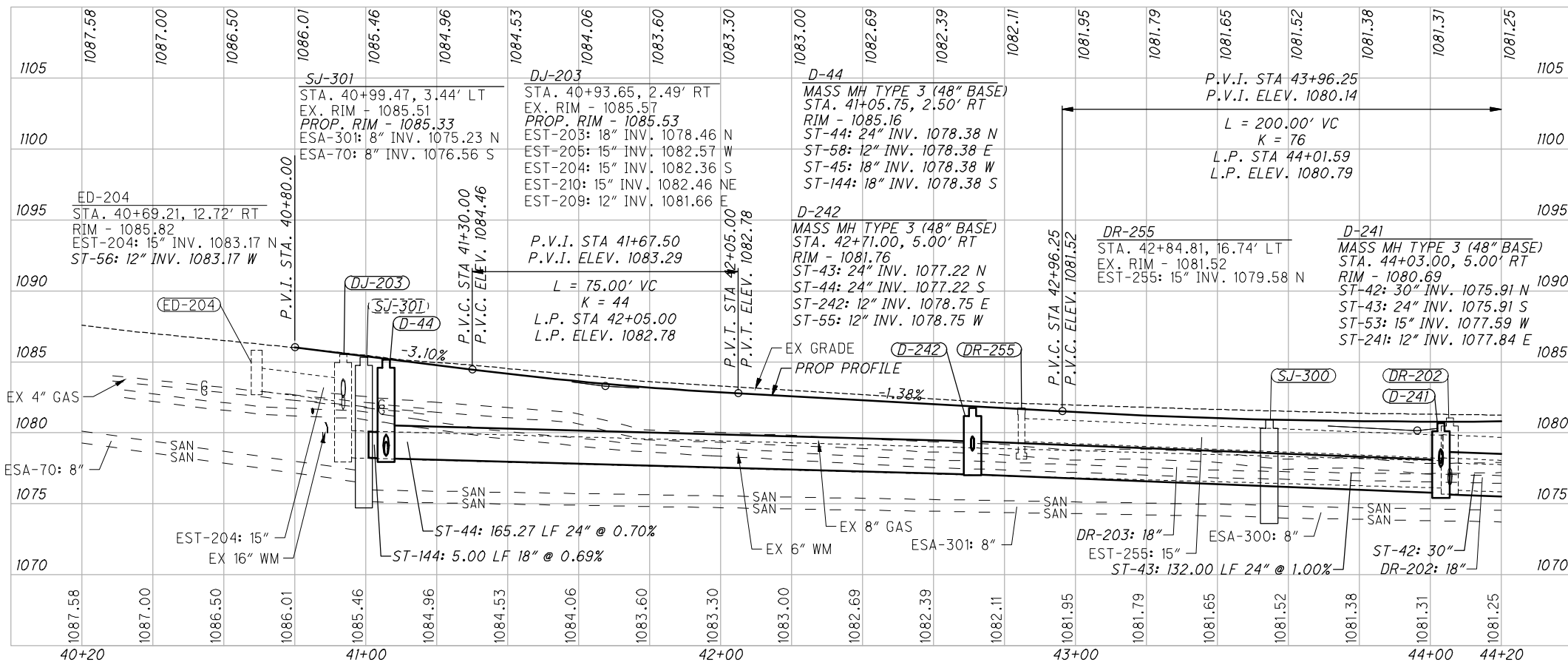
CROSS REFERENCES	
Sht No.	Description
6	☉ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (☐)
58,59	Cross Sections - 25th St NW
94	Storm Sewer Profiles C-C, D-D

PLAN LEGEND:

- PROP FULL-DEPTH PAVEMENT REPLACEMENT (SEE TYP. SECTIONS SHT. 11)
- PROP CONCRETE APRON (SEE DETAIL SHT. 99)

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- TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.
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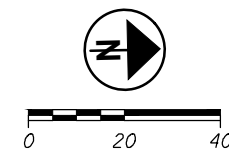
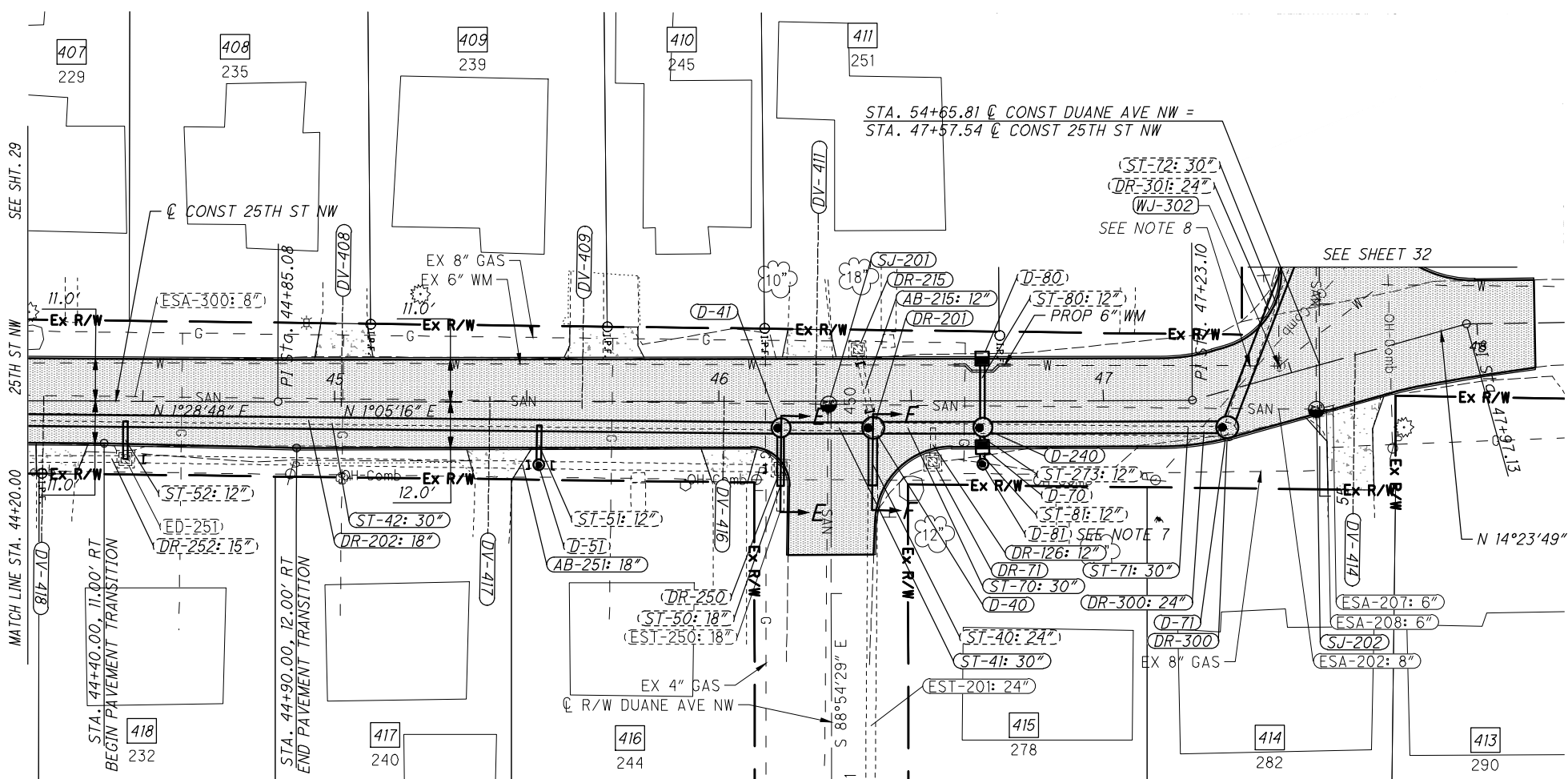
SJ-300
STA. 43+54.62, 1.75' LT
EX. RIM - 1081.48
PROP. RIM - 1080.90
ESA-301: 8" INV. 1074.16 S
ESA-300: 8" INV. 1074.10 N

DR-202
STA. 44+05.51, 4.16' RT
EX. RIM - 1081.06
EST-202: 18" INV. 1076.17 N
EST-203: 18" INV. 1076.31 S
EST-254: 15" INV. 1076.31 W
EST-253: 12" INV. 1076.28 E

UTILITIES - ATTENTION BIDDERS/CONTRACTORS

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DRAWING PATH: P:\000_3489\3489\2202040_28m_Street_Inv_Area_SS\000TOMM22101\Design\Roadway\Sheet\3062_GPI03.dwg Jul 19, 2024 7:59am



CROSS REFERENCES	
Sht No.	Description
6	☐ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (☐)
61,63,64	Cross Sections - 25th St NW
95	Storm Sewer Profiles E-E, F-F

PLAN LEGEND:

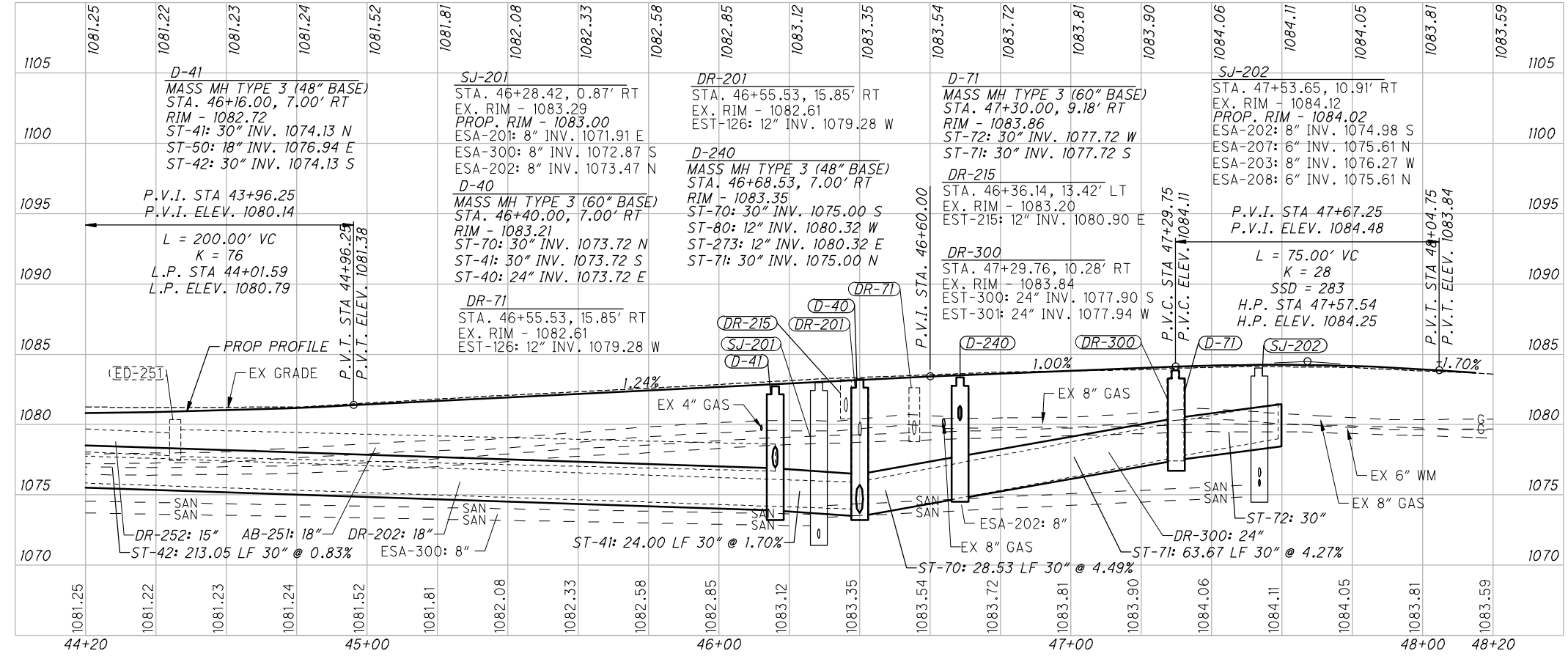
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AKRON, OH 44311
330.913.1080

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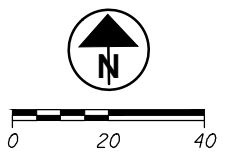
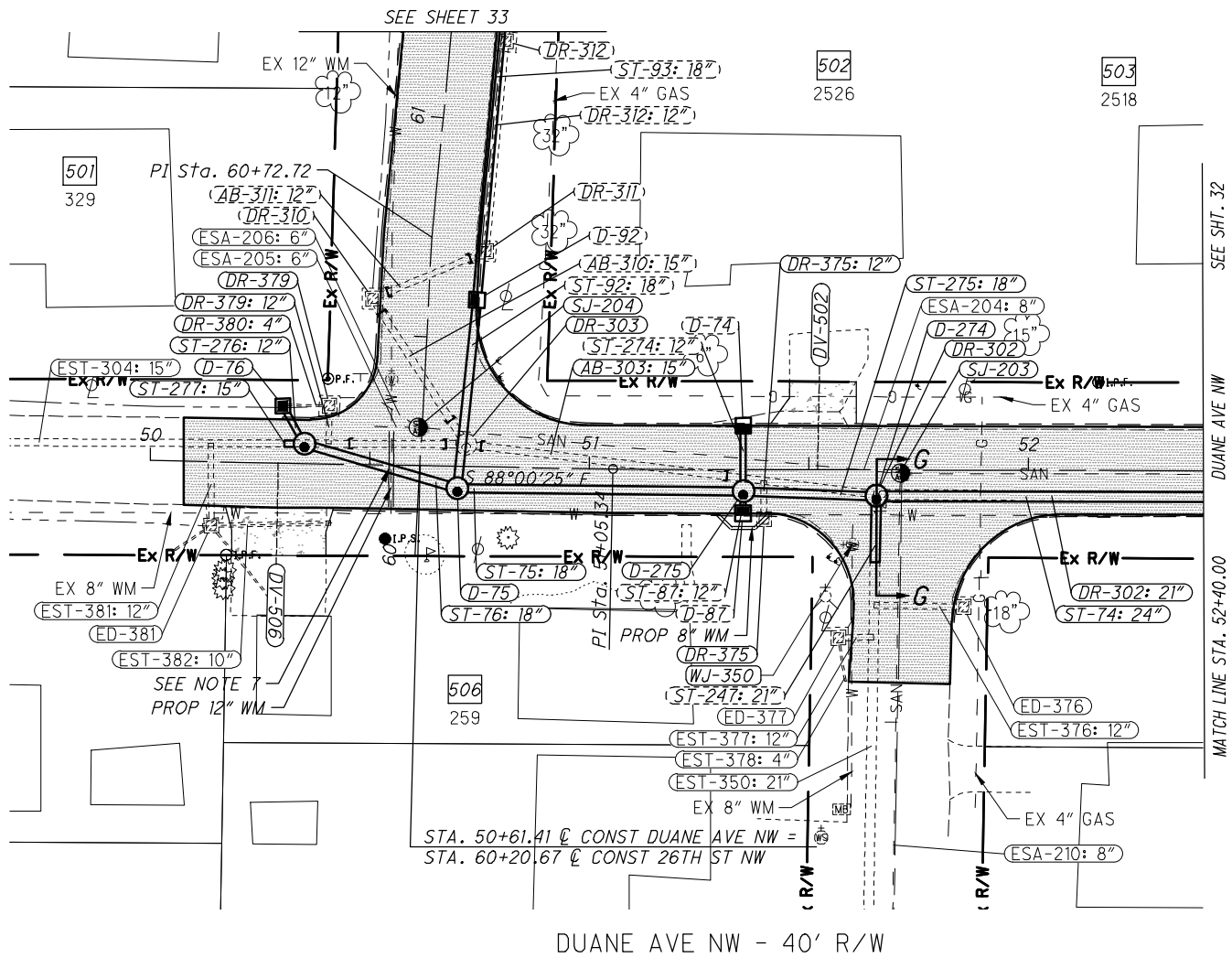
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#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

PLAN & PROFILE - 25TH ST NW
STA. 44+20.00 TO END

30 of 114

DRAWING PATH: P:\2020\3489\2020\2040\30th_Street_JMW_Area_SS\CDOT\04M22191\Design\Roadway\Sheet\30022_CPI02.dwg Jd 19, 2024 - 4:00pm



CROSS REFERENCES	
Sht No.	Description
6	☒ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (☒)
65	Cross Sections - Duane Ave NW
95	Storm Sewer Profiles G-G

PLAN LEGEND:

- PROP FULL-DEPTH PAVEMENT REPLACEMENT (SEE TYP. SECTIONS SHT. 12)
- PROP CONCRETE APRON (SEE DETAIL SHT. 99)

ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

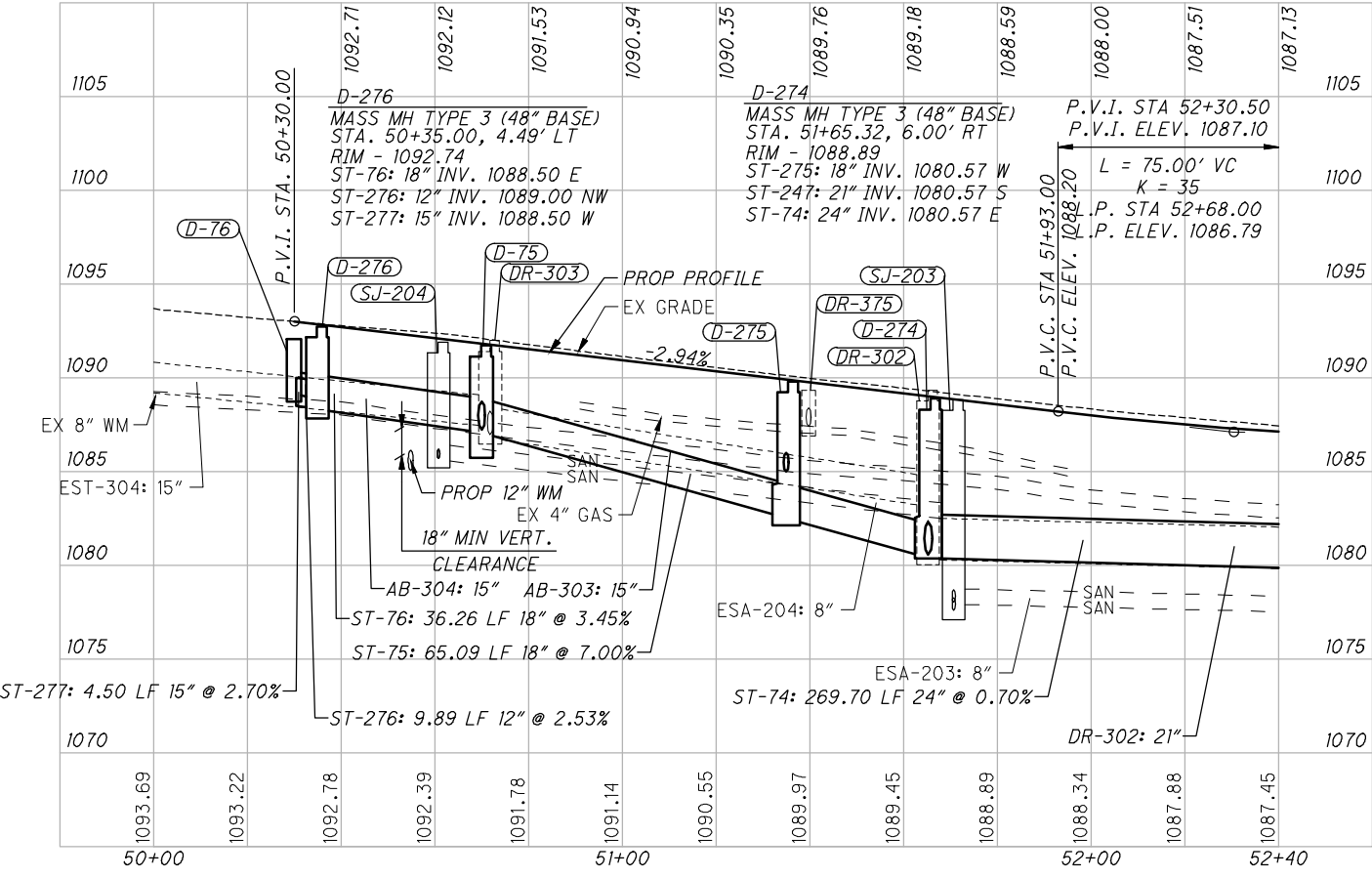
Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

D-275
MASS MH TYPE 3 (48" BASE)
STA. 51+35.01, 5.00' RT
RIM - 1089.81
ST-275: 18" INV. 1082.69 E
ST-75: 18" INV. 1082.69 W
ST-274: 12" INV. 1085.00 N
ST-87: 12" INV. 1085.00 S
D-76
CB MASS 5630
STA. 50+29.96, 13.00' LT
RIM - 1092.07
ST-276: 12" INV. 1089.25 SE
UD: 4" INV. 1089.58 E

SJ-204
STA. 50+60.81, 8.69' LT
EX. RIM - 1092.35
PROP. RIM - 1091.91
ESA-204: 8" INV. 1085.72 E
ESA-206: 6" INV. 1085.71 NW
ESA-205: 6" INV. 1085.69 W

DR-303
STA. 50+71.85, 5.06' LT
EX. RIM - 1092.00
EST-303: 15" INV. 1086.98 E
EST-304: 15" INV. 1087.59 W
EST-310: 15" INV. 1086.97 NW

D-75
MASS MH TYPE 3 (48" BASE)
STA. 50+70.00, 5.00' RT
RIM - 1091.72
ST-76: 18" INV. 1087.25 W
ST-75: 18" INV. 1087.25 E
ST-92: 18" INV. 1087.25 N



DR-375
STA. 51+39.79, 11.25' RT
EX. RIM - 1089.34
EST-375: 12" INV. 1087.41 N

DR-302
STA. 51+65.30, 5.60' RT
EX. RIM - 1089.34
EST-302: 21" INV. 1080.54 E
EST-303: 15" INV. 1083.32 W
EST-350: 21" INV. 1080.64 S

SJ-203
STA. 51+70.74, 0.79' RT
EX. RIM - 1089.21
PROP. RIM - 1088.84
ESA-204: 8" INV. 1082.51 W
ESA-203: 8" INV. 1078.01 E
ESA-210: 8" INV. 1077.62 S
ESA-204 DROP: 8" INV. 1078.03 W

NOTES:

- UNDERGROUND UTILITY SERVICES TO EACH PROPERTY EXIST, ALTHOUGH NOT SPECIFICALLY SHOWN ON THE PLAN OR PROFILE VIEW. CONTRACTOR SHALL ANTICIPATE CROSSING: WATER SERVICES, STORM/SANITARY SERVICES, AND GAS SERVICES. CONFLICTS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
- CONTRACTOR SHALL LOCATE AND FIELD VERIFY ALL UTILITY MAIN LINE AND INLET CROSSINGS OF OTHER UTILITIES PRIOR TO CROSSING SAID UTILITY AND REPORT ANY INCONSISTENT FINDINGS TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
- PROVIDE CHIMNEY SEALS ON ALL SANITARY SEWER MANHOLES BEING ADJUSTED TO GRADE. INCLUDE COST OF CHIMNEY SEALS WITH ITEM 611-MANHOLE ADJUSTED TO GRADE, AS PER PLAN. (ALL NEW MANHOLES ARE ALSO REQUIRED TO HAVE CHIMNEY SEALS PER SHEET 17.)
- EXISTING PIPES TO BE ABANDONED PER SPECIFICATIONS ON SHEET 18, ITEM SPECIAL - FILL AND PLUG EXISTING CONDUIT.
- TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.
- SEE SHEET 101 FOR TYPICAL WATER MAIN RELOCATION DETAIL.
- CONTRACTOR TO POT HOLE EXISTING WATER MAIN AND NOTIFY THE ENGINEER IF 18" OF VERTICAL CLEARANCE CANNOT BE ACHIEVED WITH THE NEW STORM SEWER.

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****

THE REQUIREMENTS OF ORC 153.64 SHALL APPLY TO THIS PROJECT. EXISTING UTILITIES SHOWN ARE BASED UPON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGPUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 17.

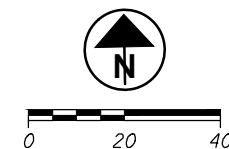
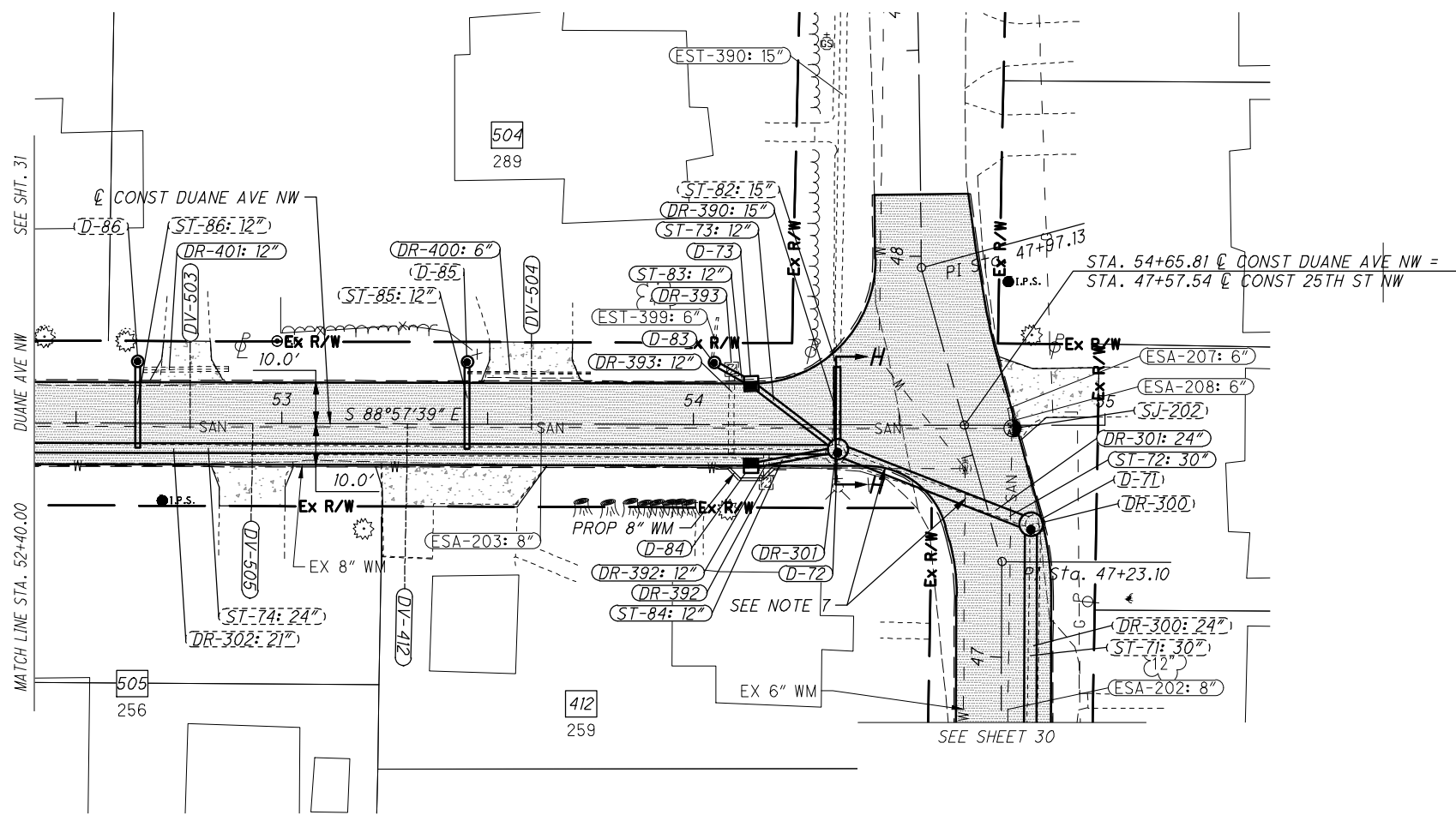
CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

PLAN & PROFILE - DUANE AVE NW
BEGIN TO STA. 52+40.00

31 of 114

DRAWING PATH: P:\000_3489\02202040_38m_Street_Inv_Area_SS\000\04\00\02\19\Design\Roadway\Sheet\3062_CPI02.dwg Jul 19, 2021 4:00am



CROSS REFERENCES	
Sht No.	Description
6	☒ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (☒)
66-68	Cross Sections - Duane Ave NW
95	Storm Sewer Profiles H-H

PLAN LEGEND:

- PROP FULL-DEPTH PAVEMENT REPLACEMENT (SEE TYP. SECTIONS SHT. 12)
- PROP CONCRETE APRON (SEE DETAIL SHT. 99)

ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

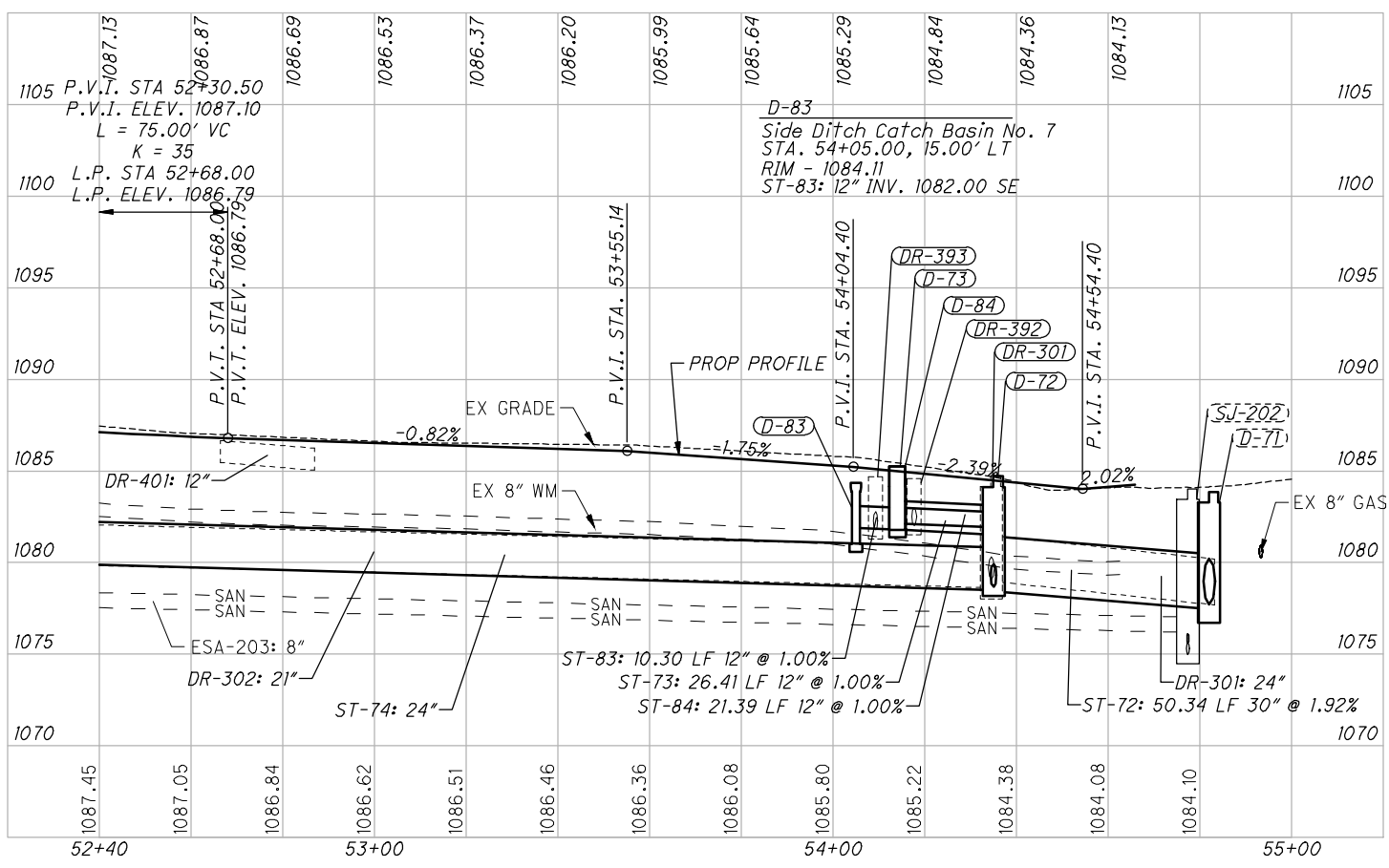
DUANE AVE NW - 40' R/W

DR-301
STA. 54+34.51, 7.11' RT
EX. RIM - 1084.74
EST-301: 24" INV. 1079.24 E
EST-302: 21" INV. 1078.86 W
EST-390: 15" INV. 1079.08 N

DR-392
STA. 54+17.70, 14.02' RT
EX. RIM - 1084.60
EST-392: 12" INV. 1082.00 N

DR-393
STA. 54+09.28, 13.43' LT
EX. RIM - 1084.67
EST-393: 12" INV. 1081.77 S

SJ-202
STA. 54+77.37, 0.85' RT
EX. RIM - 1084.12
PROP. RIM - 1084.02
ESA-202: 8" INV. 1074.98 S
ESA-207: 6" INV. 1075.61 N
ESA-203: 8" INV. 1076.27 W
ESA-208: 6" INV. 1075.61 N



D-71
MASS MH TYPE 3 (60" BASE)
STA. 54+81.99, 24.11' RT
RIM - 1083.86
ST-72: 30" INV. 1077.72 W
ST-71: 30" INV. 1077.72 S

D-72
MASS MH TYPE 3 (48" BASE)
STA. 54+35.02, 6.00' RT
RIM - 1084.71
ST-82: 15" INV. 1078.68 N
ST-72: 30" INV. 1078.68 E
ST-73: 12" INV. 1081.64 NW
ST-74: 24" INV. 1078.68 W
ST-84: 12" INV. 1082.04 W

D-73
MH MASS 7030 (48" BASE)
STA. 54+14.00, 10.00' LT
RIM - 1084.77
ST-73: 12" INV. 1081.90 SE
ST-83: 12" INV. 1081.90 NW
UD: 4" INV. 1082.52 E/W

D-84
CB MASS 7030
STA. 54+14.00, 10.00' RT
RIM - 1084.77
ST-84: 12" INV. 1082.25 E
UD: 4" INV. 1082.52 E/W

NOTES:

- UNDERGROUND UTILITY SERVICES TO EACH PROPERTY EXIST, ALTHOUGH NOT SPECIFICALLY SHOWN ON THE PLAN OR PROFILE VIEW. CONTRACTOR SHALL ANTICIPATE CROSSING: WATER SERVICES, STORM/SANITARY SERVICES, AND GAS SERVICES. CONFLICTS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
- CONTRACTOR SHALL LOCATE AND FIELD VERIFY ALL UTILITY MAIN LINE AND INLET CROSSINGS OF OTHER UTILITIES PRIOR TO CROSSING SAID UTILITY AND REPORT ANY INCONSISTENT FINDINGS TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
- PROVIDE CHIMNEY SEALS ON ALL SANITARY SEWER MANHOLES BEING ADJUSTED TO GRADE. INCLUDE COST OF CHIMNEY SEALS WITH ITEM 611-MANHOLE ADJUSTED TO GRADE, AS PER PLAN. (ALL NEW MANHOLES ARE ALSO REQUIRED TO HAVE CHIMNEY SEALS PER SHEET 17.)
- EXISTING PIPES TO BE ABANDONED PER SPECIFICATIONS ON SHEET 18, ITEM SPECIAL - FILL AND PLUG EXISTING CONDUIT.
- TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.
- SEE SHEET 101 FOR TYPICAL WATER MAIN RELOCATION DETAIL.
- CONTRACTOR TO POT HOLE EXISTING WATER MAIN AND NOTIFY THE ENGINEER IF 18" OF VERTICAL CLEARANCE CANNOT BE ACHIEVED WITH THE NEW STORM SEWER.

UTILITIES - ATTENTION BIDDERS/CONTRACTORS

THE REQUIREMENTS OF ORC 153.64 SHALL APPLY TO THIS PROJECT. EXISTING UTILITIES SHOWN ARE BASED UPON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO OIL AND GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGPUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS. ADDITIONAL UTILITY COORDINATION REQUIREMENTS ARE PROVIDED IN THE UTILITY NOTE ON THE GENERAL NOTES SHEET 17.

CITY OF MASSILLON

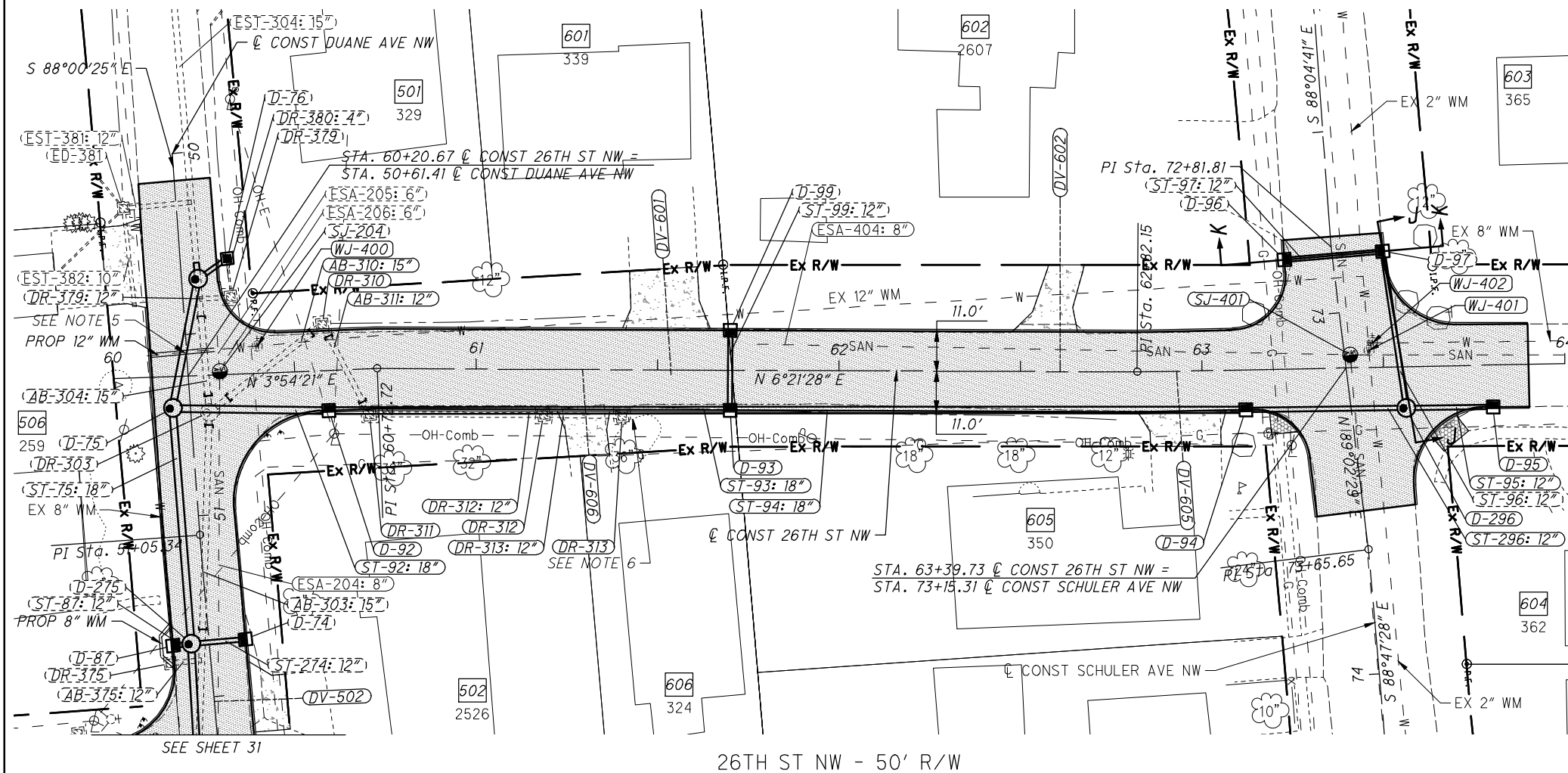
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

PLAN & PROFILE - DUANE AVE NW

STA. 52+40.00 TO END

DATE: 7/19/21 PROJ NUMBER: 2020049 ENS: CPO PROD LGRS: RAB CAD: CHM COUNTY: STARK CITY/VILLAGE/TOWNSHIP: CITY OF MASSILLON

32 of 114



CROSS REFERENCES	
<i>Sht No.</i>	<i>Description</i>
6	℄ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (📍)
70	Cross Sections - 26th St NW
96	Storm Sewer Profiles J-J, K-K

PLAN LEGEND:

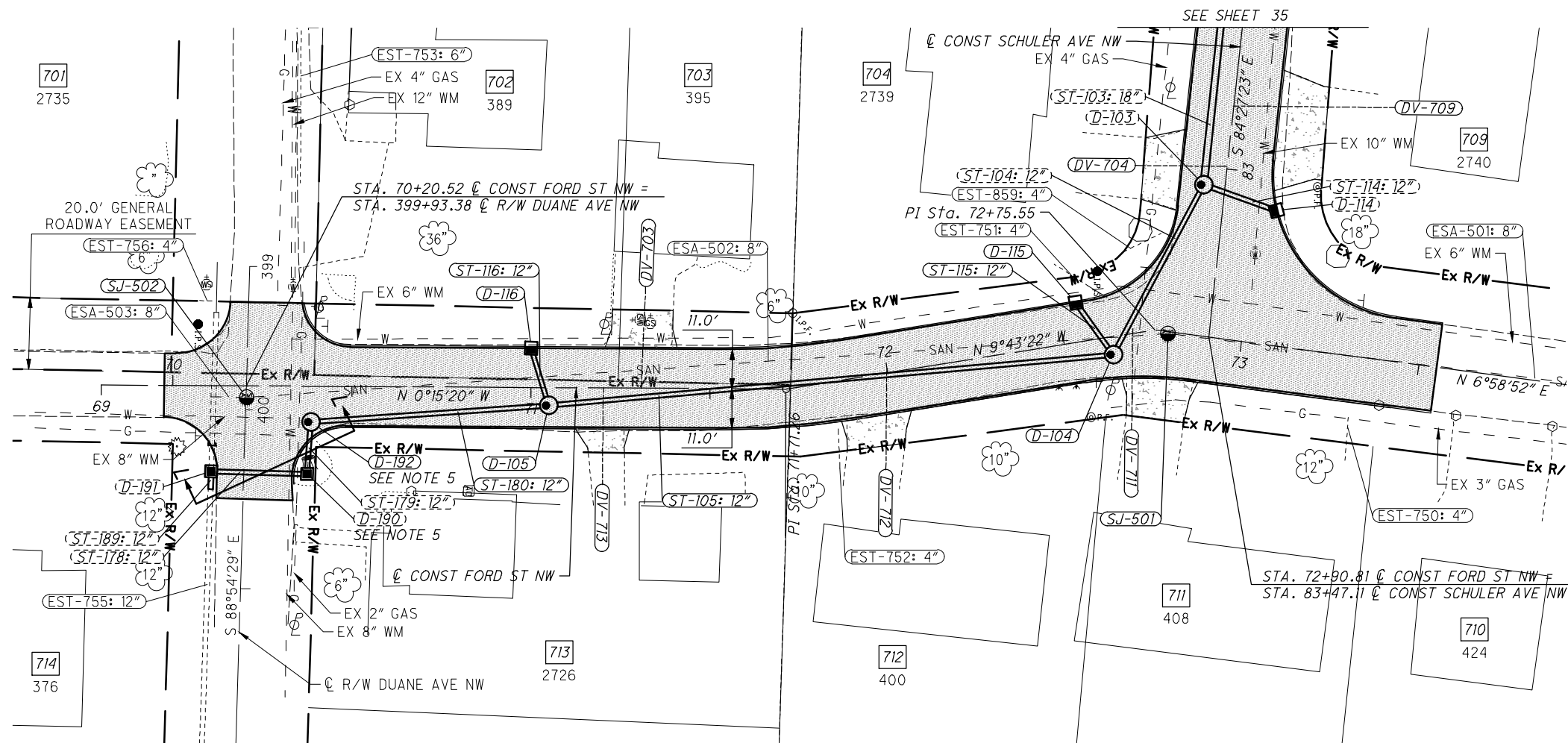
- | | |
|---|---|
|  | <i>PROP FULL-DEPTH PAVEMENT REPLACEMENT
(SEE TYP. SECTIONS SHT. 13)</i> |
|  | <i>PROP CONCRETE APRON
(SEE DETAIL SHT. 99)</i> |
|  | <i>PROP CURB RAMP TYPE A1 W/ TRUNCATED
DOMES (SEE ODOT SCD BP 7.1)</i> |

NOTES:

1. UNDERGROUND UTILITY SERVICES TO EACH PROPERTY EXIST, ALTHOUGH NOT SPECIFICALLY SHOWN ON THE PLAN OR PROFILE VIEW. CONTRACTOR SHALL ANTICIPATE CROSSING: WATER SERVICES, STORM/SANITARY SERVICES, AND GAS SERVICES. CONFLICTS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
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3. PROVIDE CHIMNEY SEALS ON ALL SANITARY SEWER MANHOLES BEING ADJUSTED TO GRADE. INCLUDE COST OF CHIMNEY SEALS WITH ITEM 611-MANHOLE ADJUSTED TO GRADE, AS PER PLAN. (ALL NEW MANHOLES ARE ALSO REQUIRED TO HAVE CHIMNEY SEALS PER SHEET 17.)
4. EXISTING PIPES TO BE ABANDONED PER SPECIFICATIONS ON SHEET 18, ITEM SPECIAL - FILL AND PLUG EXISTING CONDUIT.
5. CONTRACTOR TO POT HOLE EXISTING WATER MAIN AND NOTIFY THE ENGINEER IF 18" OF VERTICAL CLEARANCE CANNOT BE ACHIEVED WITH THE NEW STORM SEWER.
6. EXISTING LANDSCAPING TO BE STORED ON SITE AND REINSTALLED. SEE SHEET 16 FOR PROTECTION OF RIGHT-OF-WAY LANDSCAPING NOTE.

UTILITIES - ATTENTION BIDDERS/CONTRACTORS

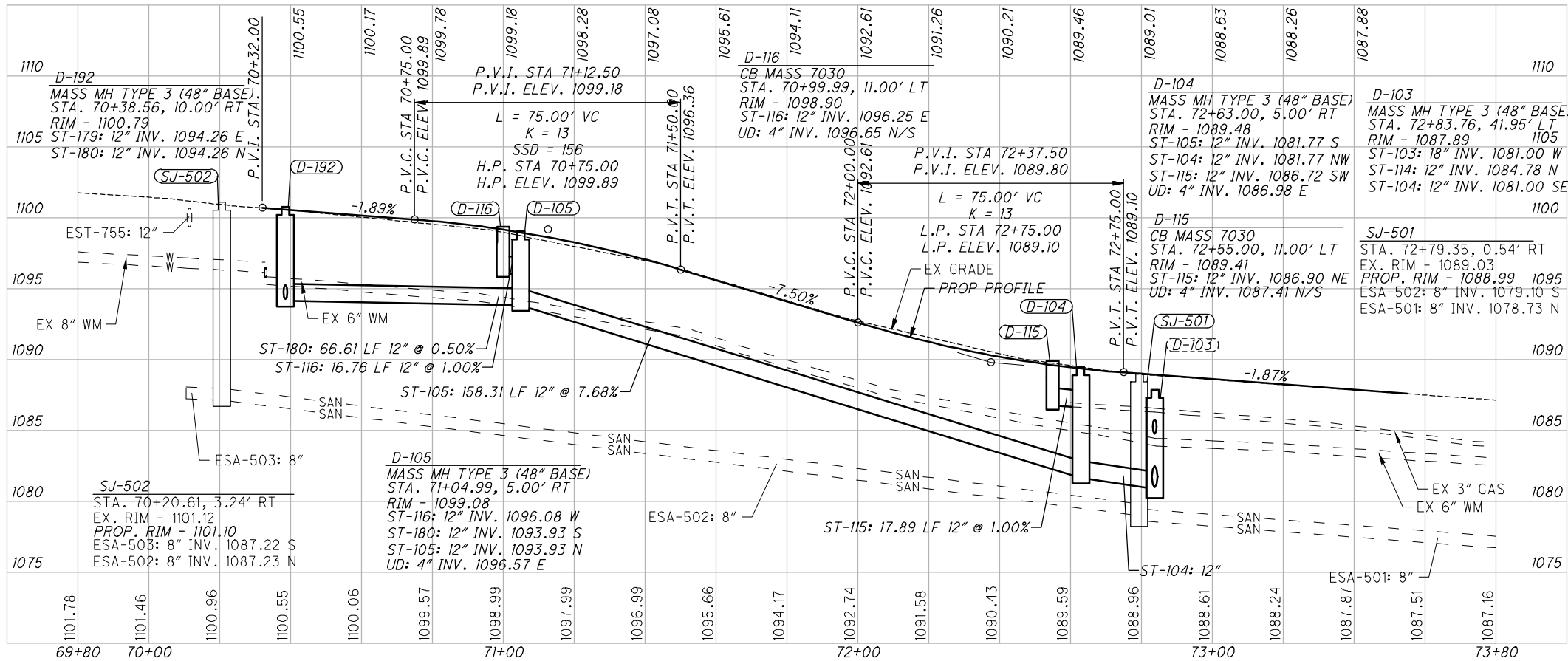
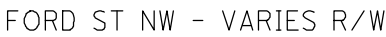
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CROSS REFERENCES	
Sh# No.	Description
6	☒ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (☐*)
97	Storm Sewer Profiles L-L

-  PROP FULL-DEPTH PAVEMENT REPLACEMENT
(SEE TYP. SECTIONS SHT. 14)
-  PROP CONCRETE APRON
(SEE DETAIL SHT. 99)

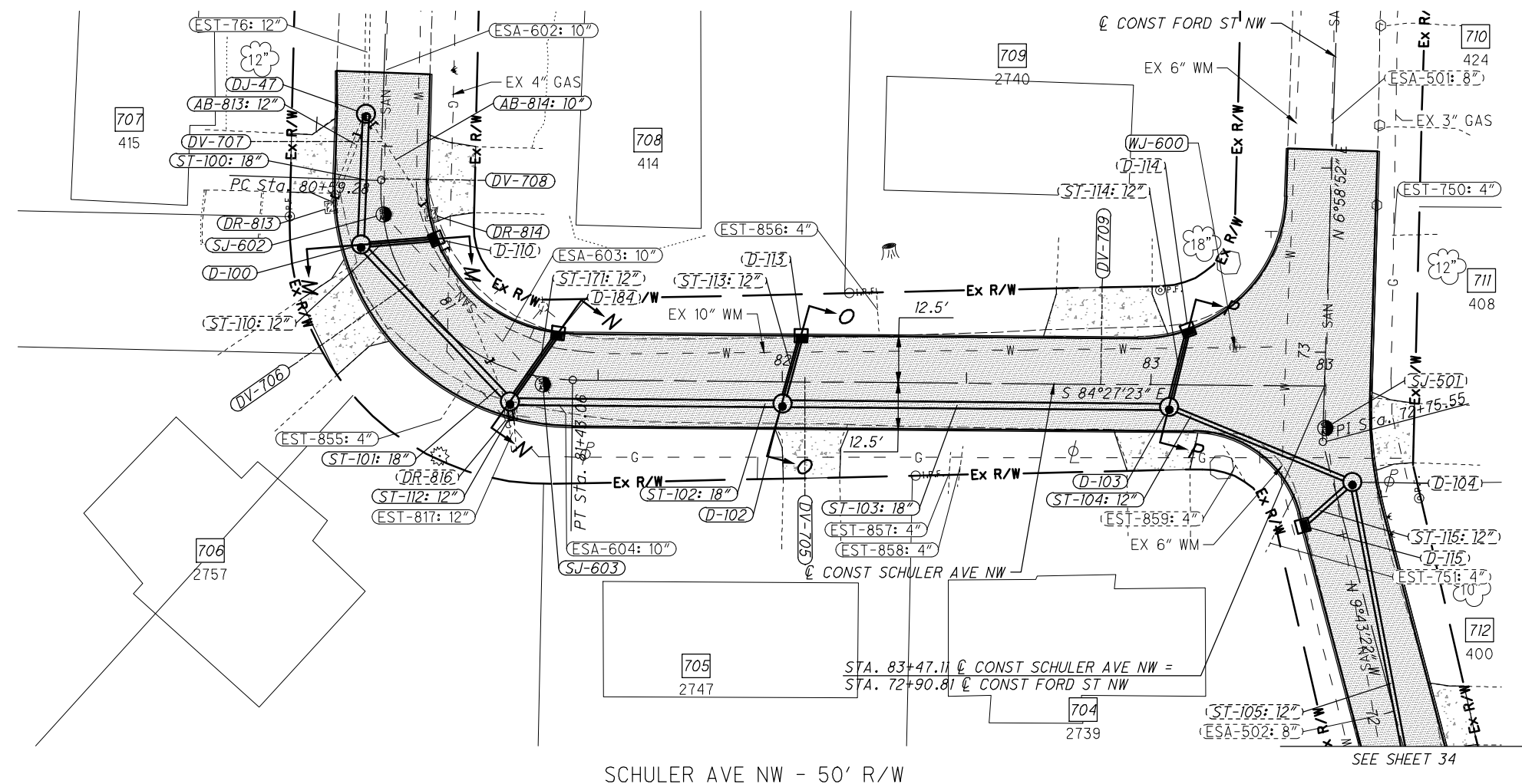
PROP CONCRETE APRON
(SEE DETAIL SHT. 99)



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4. SEE SHEET 101 FOR TYPICAL WATER MAIN RELOCATION DETAIL.
5. CONTRACTOR TO POT HOLE EXISTING GAS MAIN AND NOTIFY THE ENGINEER IF 12" OF CLEARANCE CANNOT BE ACHIEVED WITH THE NEW STORM STRUCTURES.

UTILITIES - ATTENTION BIDDERS/CONTRACTORS

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CROSS REFERENCES	
<i>Sht No.</i>	<i>Description</i>
6	€ Benchmarks (CPs & TBMs)
8	Property Owner/Parcel Data (📍)
97-98	Storm Sewer Profiles

PLAN LEGEND:

 PROP FULL-DEPTH PAVEMENT REPLACEMENT
(SEE TYP. SECTIONS SHT. 15)

 PROP CONCRETE APRON
(SEE DETAIL SHT. 99)

NOTES:

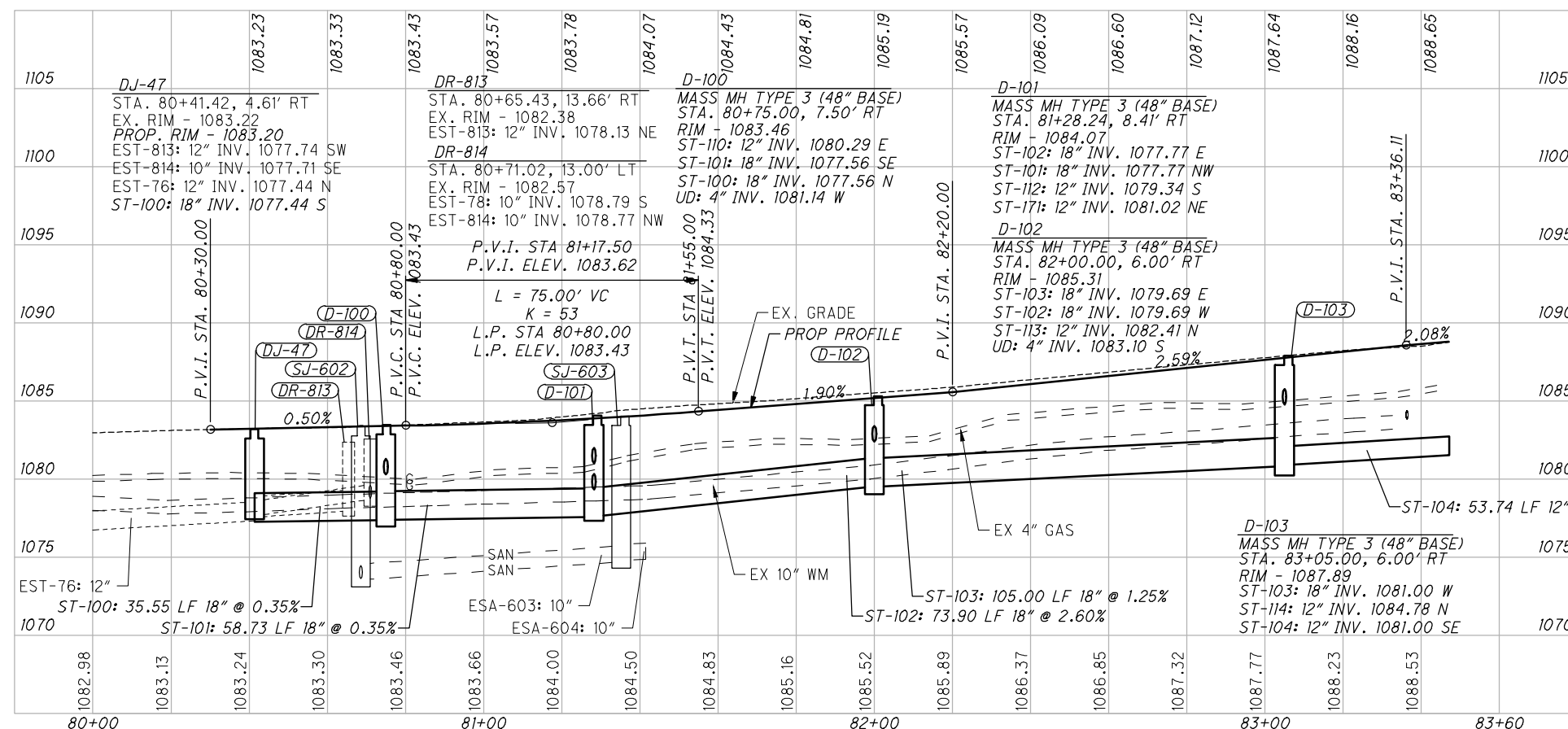
1. UNDERGROUND UTILITY SERVICES TO EACH PROPERTY EXIST, ALTHOUGH NOT SPECIFICALLY SHOWN ON THE PLAN OR PROFILE VIEW. CONTRACTOR SHALL ANTICIPATE CROSSING: WATER SERVICES, STORM/SANITARY SERVICES, AND GAS SERVICES. CONFLICTS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO DEVIATING FROM THESE PLANS.
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4. TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.

$\frac{SJ-602}{100.}$
 STA. 80+68.61, 0.25' LT
 EX. RIM - 1083.44
 PROP. RIM - 1083.37
 ESA-603: 10" INV. 1073.65 SE
 ESA-602: 10" INV. 1073.63 N

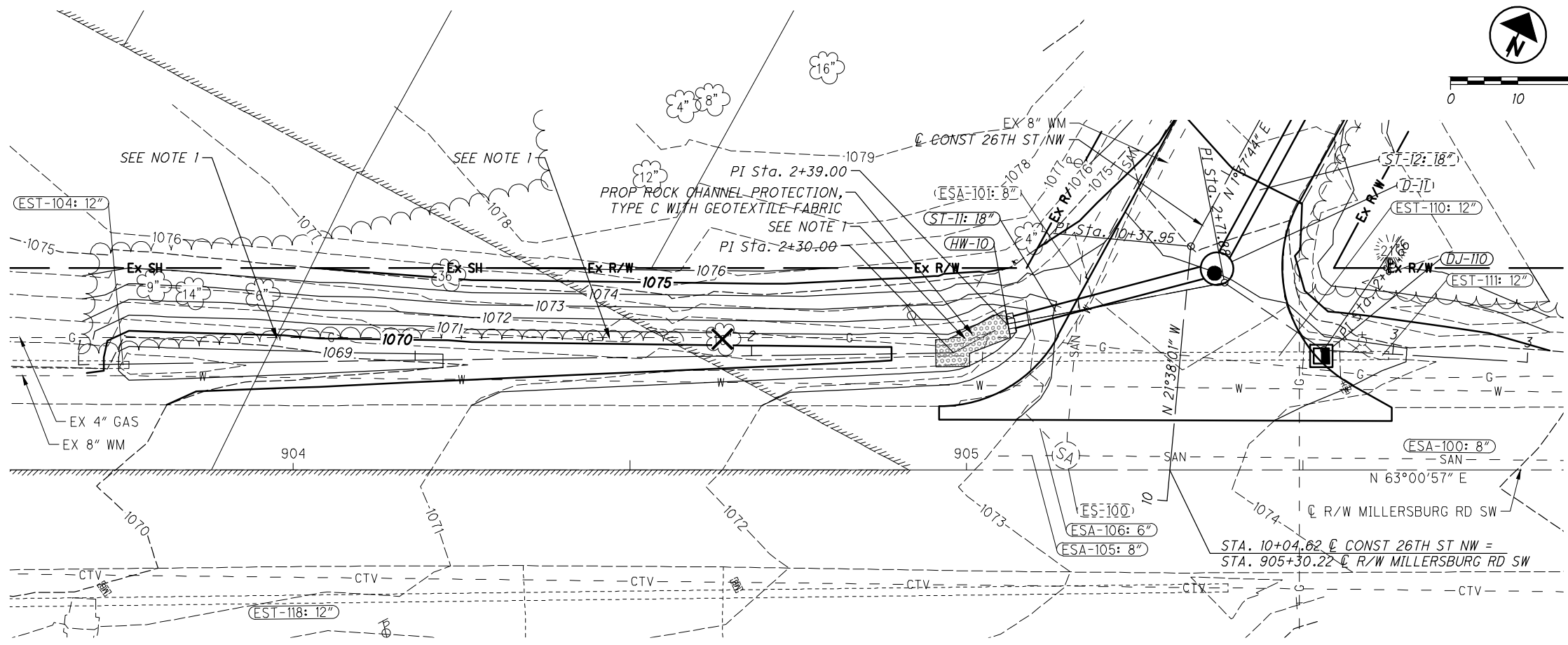
SJ-603
STA. 81+35.24, 1.87' RT
EX. RIM - 1084.42
PROP. RIM - 1084.03
ESA-604: 10" INV. 1074.92 SE
ESA-603: 10" INV. 1074.81 NW

*****UTILITIES - ATTENTION BIDDERS/CONTRACTORS*****

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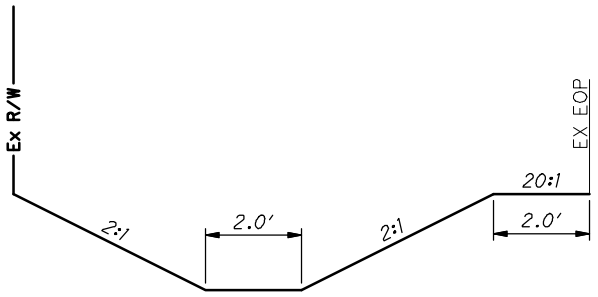
DRAWING PATH: P:\3000_3489\3489222040_3489_Storm_JNW_Area_SS\CDOT\04M2219\Design\Roadway\Sheet\3062_26ST.dwg Jul 19, 2021 4:01 am



CROSS REFERENCES	
Sht No.	Description
6	☒ Benchmarks (CPs & TBMs)
7	Property Owner/Parcel Data (☒)
23	Plan & Profile - 26th St NW

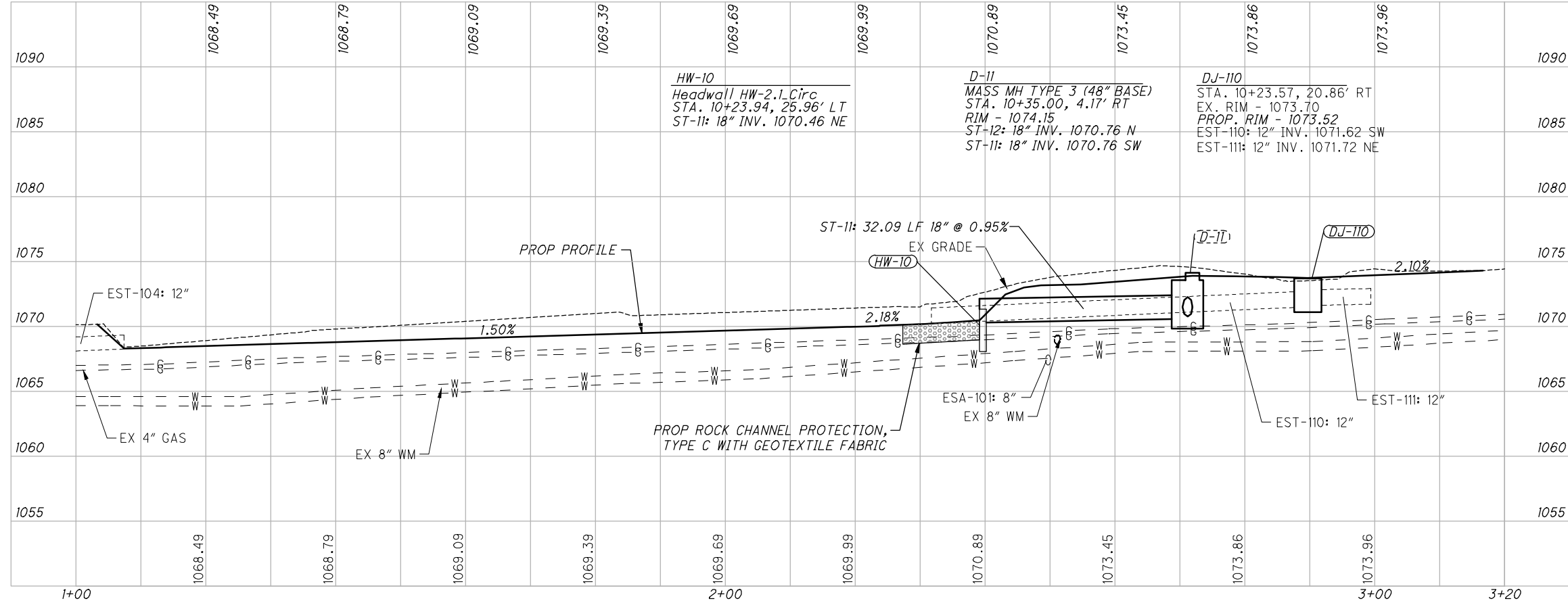
PLAN LEGEND:

☒ PROP TREE REMOVAL



TYPICAL DITCH SECTION 26TH ST OUTLET
NOT TO SCALE

26TH ST NW STORM SEWER OUTLET



NOTES:

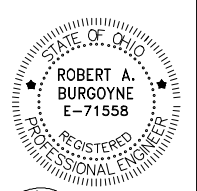
1. CONTRACTOR TO POT HOLE EXISTING GAS MAIN TO FIELD VERIFY THE DEPTH AND LOCATION. CONTRACTOR TO RECORD FINDINGS AND SUBMIT THEM TO THE ENGINEER.



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM



Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

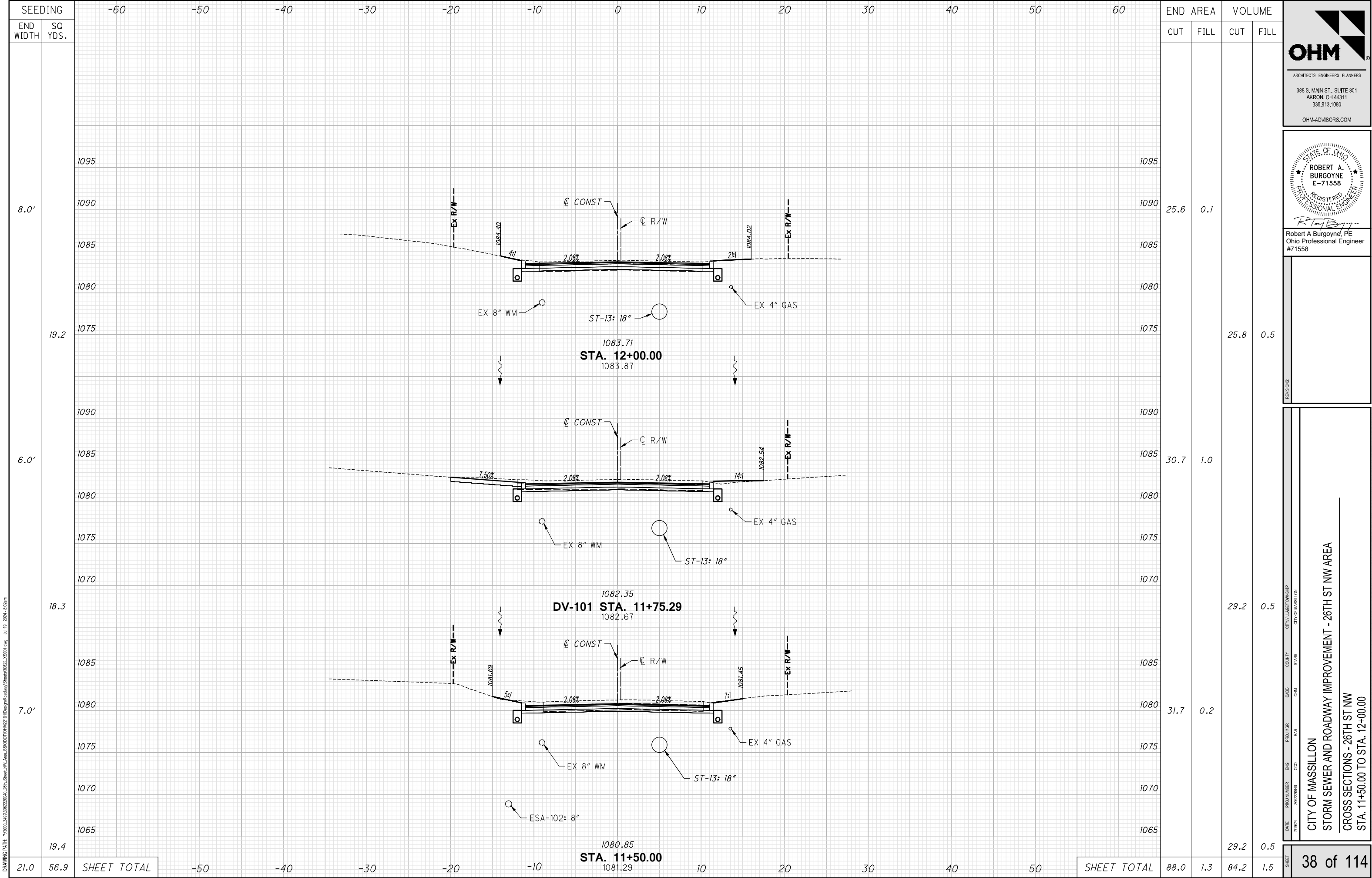
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
26TH ST NW STORM SEWER OUTLET ENLARGEMENT

DATE: 7/19/21
PROJECT: 3489222040
SHEET: 3062

ENGINEER: RAB
CHECKED: JMW
DESIGNED: JMW
DRAWN: JMW

CITY OF MASSILLON
COUNTY: STARK
TOWNSHIP: CITY OF MASSILLON

SEEDING		-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A Burgoyne, PE Ohio Professional Engineer #71558	
END WIDTH	SQ YDS.															CUT	FILL	CUT		FILL
7.0'	7.0'	1090															31.7	0.1		
		1085																		
		1080																		
		1075																		
		1070																		
7.0'	19.4	1070															30.0	0.5		
		1075																		
		1080																		
		1085																		
		1090																		
7.0'	17.8	1085															33.6	0.3		
		1080																		
		1075																		
		1070																		
		1065																		
9.0'	17.8	1085															26.0	0.1		
		1080																		
		1075																		
		1070																		
		1065																		
9.0'	17.8	1085															36.7	0.1		
		1080																		
		1075																		
		1070																		
		1065																		
23.0	37.2	SHEET TOTAL														102.0	0.5	56.0	0.6	37 of 114



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

DATE	PROJ NUMBER	ENG	PROJ LEAD	CADD	COUNTY	CITY/VILAGE/TOWNSHIP
7/19/24	2024040	CCO	RAB	CHM	STARK	CITY OF MASSILLON

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CROSS SECTIONS - 26TH ST NW
STA. 11+50.00 TO STA. 12+00.00

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SEEDING														END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A. Burgoyne, PE Ohio Professional Engineer #71558	
END WIDTH	SQ YDS.													CUT	FILL	CUT	FILL		
6.0'	11.0	1100													1100	29.9	0.0		
		1095													1095				
		1090													1090				
		1085													1085				
		1080													1080				
		1075													1075				
		1070													1070				
		1065													1065				
		1060													1060				
		1055													1055				
16.0	16.0	1100													1100	28.5	0.1		
		1095													1095				
		1090													1090				
		1085													1085				
		1080													1080				
		1075													1075				
		1070													1070				
		1065													1065				
		1060													1060				
		1055													1055				
5.5'	3.1	1100													1100	31.6	0.1		
		1095													1095				
		1090													1090				
		1085													1085				
		1080													1080				
		1075													1075				
		1070													1070				
		1065													1065				
		1060													1060				
		1055													1055				
3.5'	11.0	1100													1100	31.2	0.1		
		1095													1095				
		1090													1090				
		1085													1085				
		1080													1080				
		1075													1075				
		1070													1070				
		1065													1065				
		1060													1060				
		1055													1055				
15.0	30.1	SHEET TOTAL												92.7	0.2	56.8	0.3		

OHM

ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

DATE

7/18/24

PROJ NUMBER

38622000

ENG

CCO

PROD LDR

RAB

CADD

GM

COUNTY

STARK

CITY/VILLAGE/TOWNSHIP

CITY OF MASSILLON

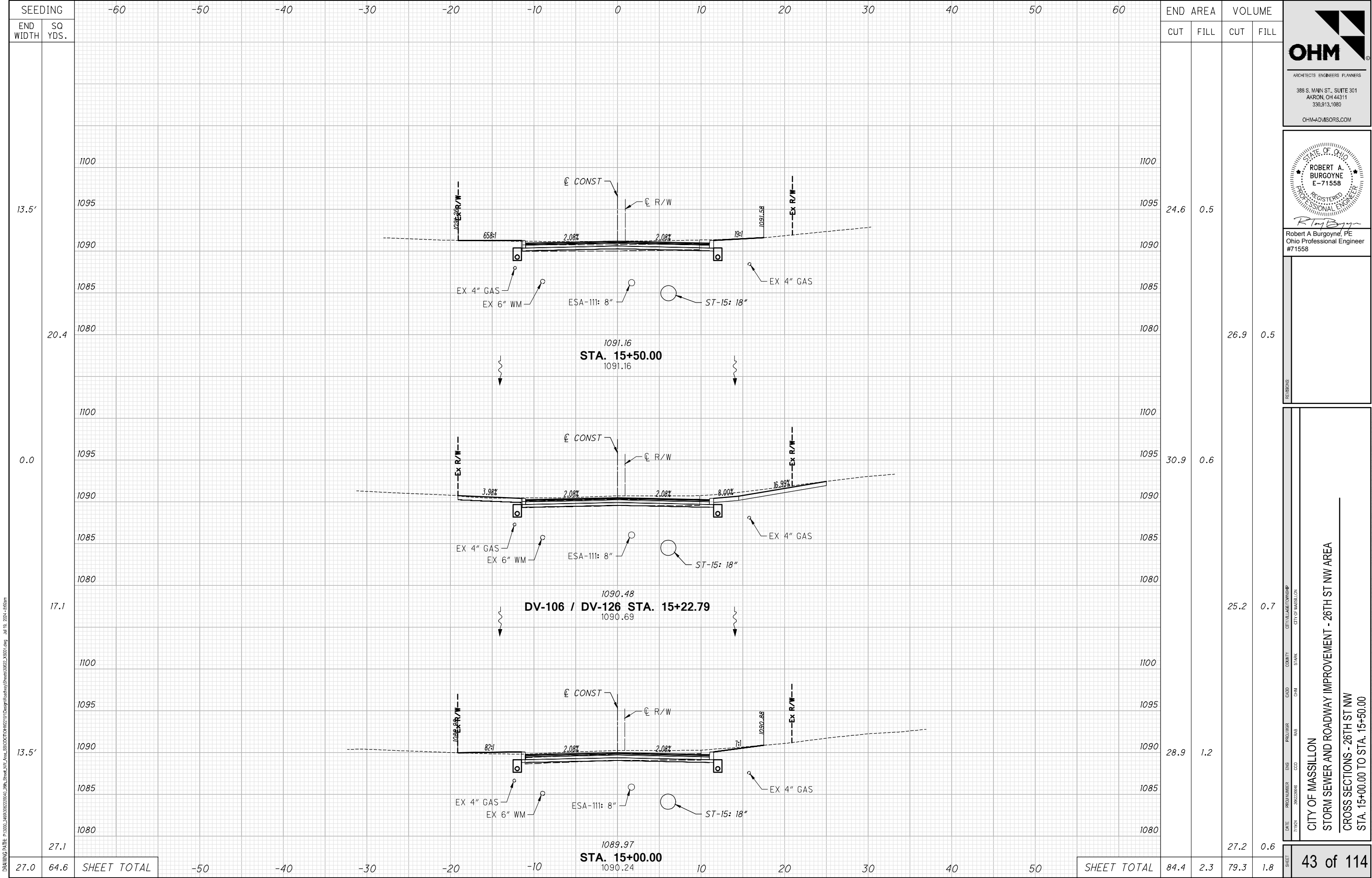
CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

CROSS SECTIONS - 26TH ST NW

STA. 14+43.86 TO STA. 14+75.00

42 of 114

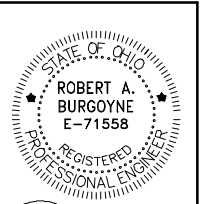




ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

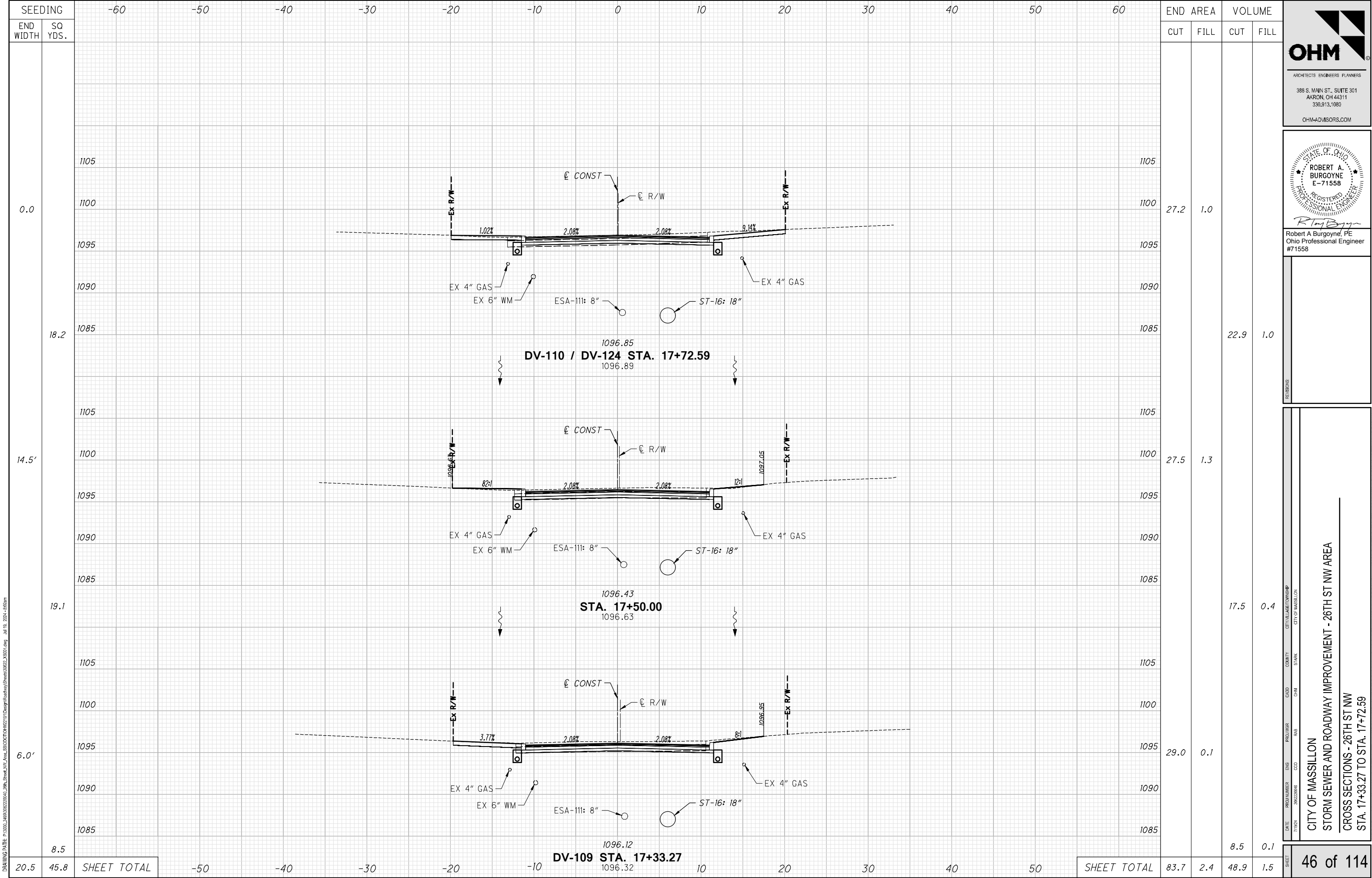


Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CROSS SECTIONS - 26TH ST NW
STA. 15+00.00 TO STA. 15+50.00

43 of 114

SEEDING												END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A Burgoyne, PE Ohio Professional Engineer #71558	
END WIDTH	SQ YDS.											CUT	FILL	CUT	FILL		
11.0'	34.0	1100											1100	23.4	1.2		
		1095											1095				
		1090											1090				
		1085											1085				
		1080											1080				
13.5'	24.8	1100											1100	15.0	3.7		
		1095											1095				
		1090											1090				
		1085											1085				
		1080											1080				
6.0'	29.4	1100											1100	19.6	1.5		
		1095											1095				
		1090											1090				
		1085											1085				
		1080											1080				
30.5	88.2	SHEET TOTAL										58.0	6.4	54.7	5.5	44 of 114	



SEEDING		-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A Burgoyne, PE Ohio Professional Engineer #71558	
END WIDTH	SQ YDS.															CUT	FILL	CUT		
12.0'		1105															28.7	0.4		
		1100																		
		1095																		
		1090																		
		1085																		
12.2		1105																	13.2	0.2
		1100																		
		1095																		
		1090																		
		1085																		
6.0'		1105															30.0	0.7		
		1100																		
		1095																		
		1090																		
		1085																		
14.6		1105																	13.6	0.5
		1100																		
		1095																		
		1090																		
		1085																		
14.5'		1105															27.2	1.3		
		1100																		
		1095																		
		1090																		
		1085																		
22.1		1085																	27.6	1.3
32.5	48.9	SHEET TOTAL														85.9	2.4	54.4	2.0	

OHM

ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A Burgoyne, PE
Ohio Professional Engineer
#71558

DATE

7/18/24

PROJ NUMBER

38622000

ENG

CCO

PROD LDR

CCO

CAD

GM

CITY/TOWNSHIP

CITY OF MASSILLON

COUNTY

STARK

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

CROSS SECTIONS - 26TH ST NW

STA. 18+00.00 TO STA. 18+25.00

47 of 114

SEEDING		-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A Burgoyne, PE Ohio Professional Engineer #71558		
END WIDTH	SQ YDS.															CUT	FILL	CUT			FILL
9.5'		1105															1105	28.1	0.4		
		1100															1100				
		1095															1095				
		1090															1090				
		1085															1085				
9.9		1105															1105			18.3	0.6
		1100															1100				
		1095															1095				
		1090															1090				
		1085															1085				
0.0		1105															1105	24.6	1.4		
		1100															1100				
		1095															1095				
		1090															1090				
		1085															1085				
0.0		1105															1105			5.6	0.4
		1100															1100				
		1095															1095				
		1090															1090				
		1085															1085				
0.0		1105															1105	23.8	1.8		
		1100															1100				
		1095															1095				
		1090															1090				
		1085															1085				
16.7		1085															1085			24.3	1.0
9.5	26.6	SHEET TOTAL														76.5	3.6	48.2	2.0		

OHM

ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A Burgoyne, PE
Ohio Professional Engineer
#71558

DATE

7/18/24

PROJ NUMBER

38222000

ENG

CCO

PROD LDR

RAB

CADD

GM

CITY/VILLAGE/TOWNSHIP

CITY OF MASSILLON

COUNTY

STARK

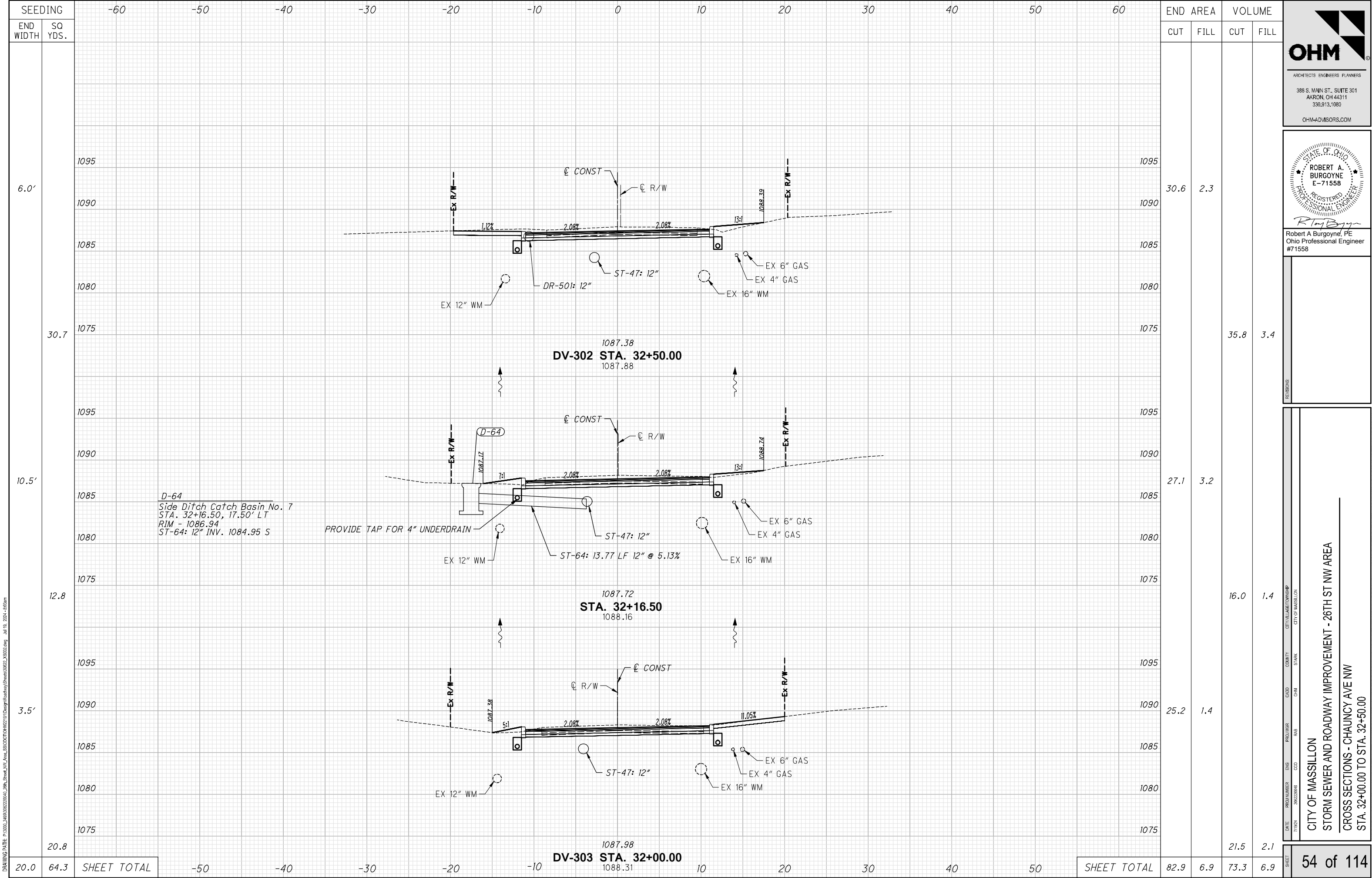
CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

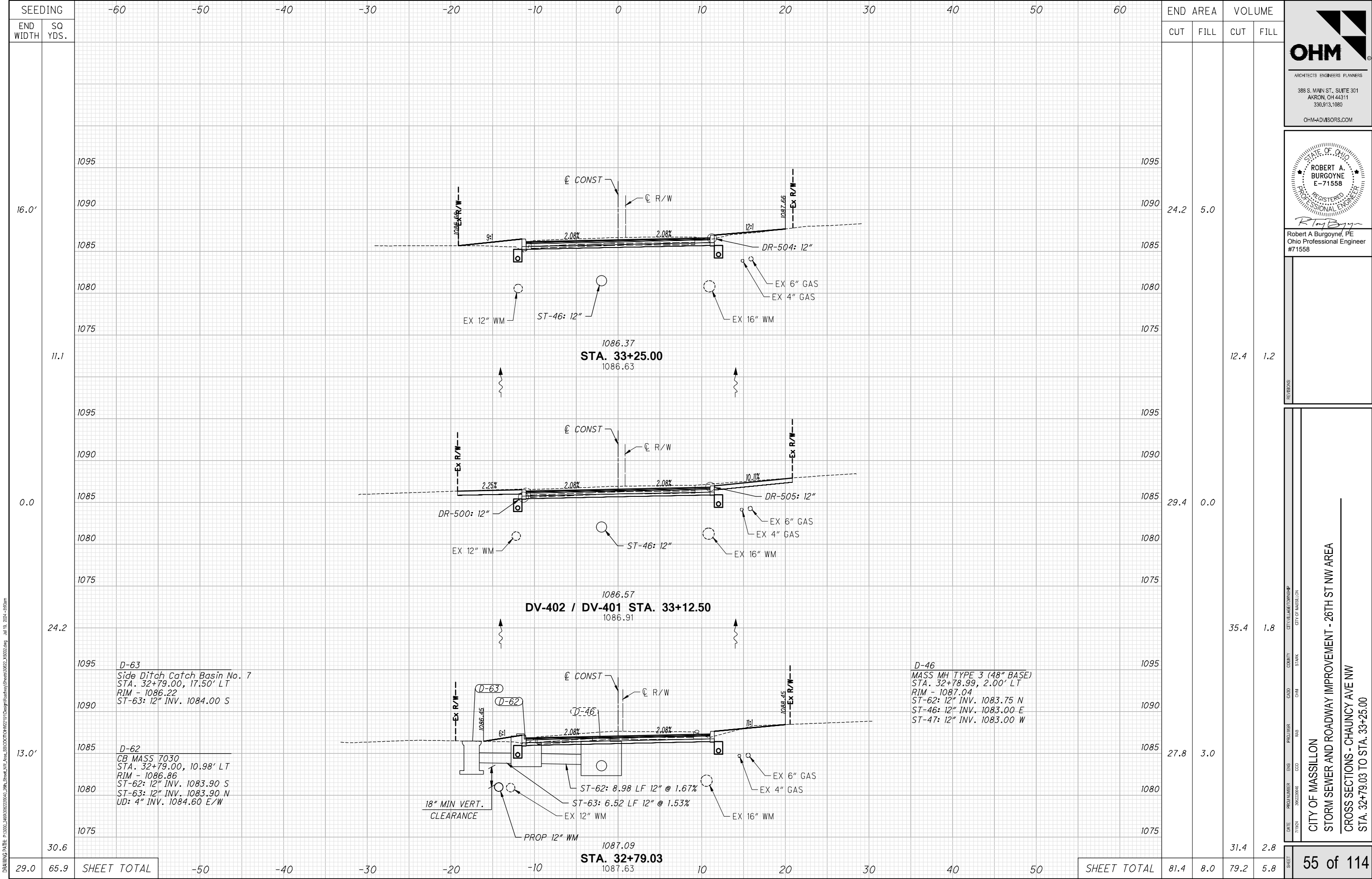
CROSS SECTIONS - 26TH ST NW
STA. 18+50.00 TO STA. 18+75.00

48 of 114

SEEDING												END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A Burgoyne, PE Ohio Professional Engineer #71558	
END WIDTH	SQ YDS.											CUT	FILL	CUT	FILL		
0.0		1110											24.4	0.1			
		1105															
		1100															
		1095															
10.2		1090											24.1	0.1			
		1095															
		1100															
		1105															
7.5'		1100											28.8	0.0			
		1095															
		1090															
		1085															
18.6		1105											31.4	0.0			
		1100															
		1095															
		1090															
4.5'		1100											32.0	0.0			
		1095															
		1090															
		1085															
9.2		1085											26.0	0.0			
		1090															
		1095															
		1100															
12.0	38.0	SHEET TOTAL										85.2	0.1	81.5	0.1	50 of 114	



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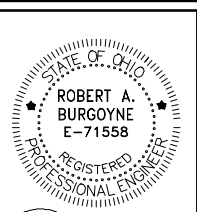




ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM



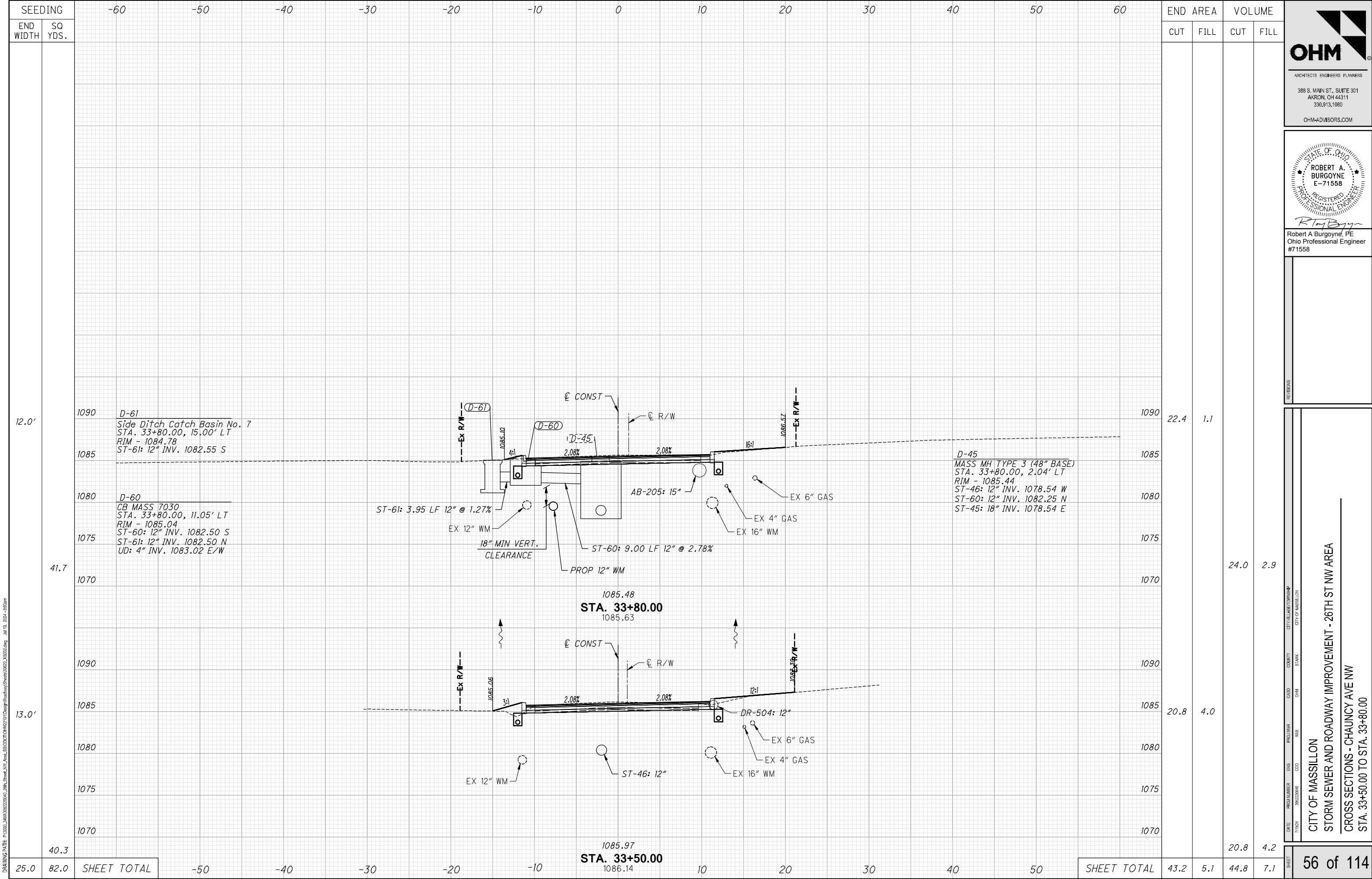
Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

CITY OF MASSILLON

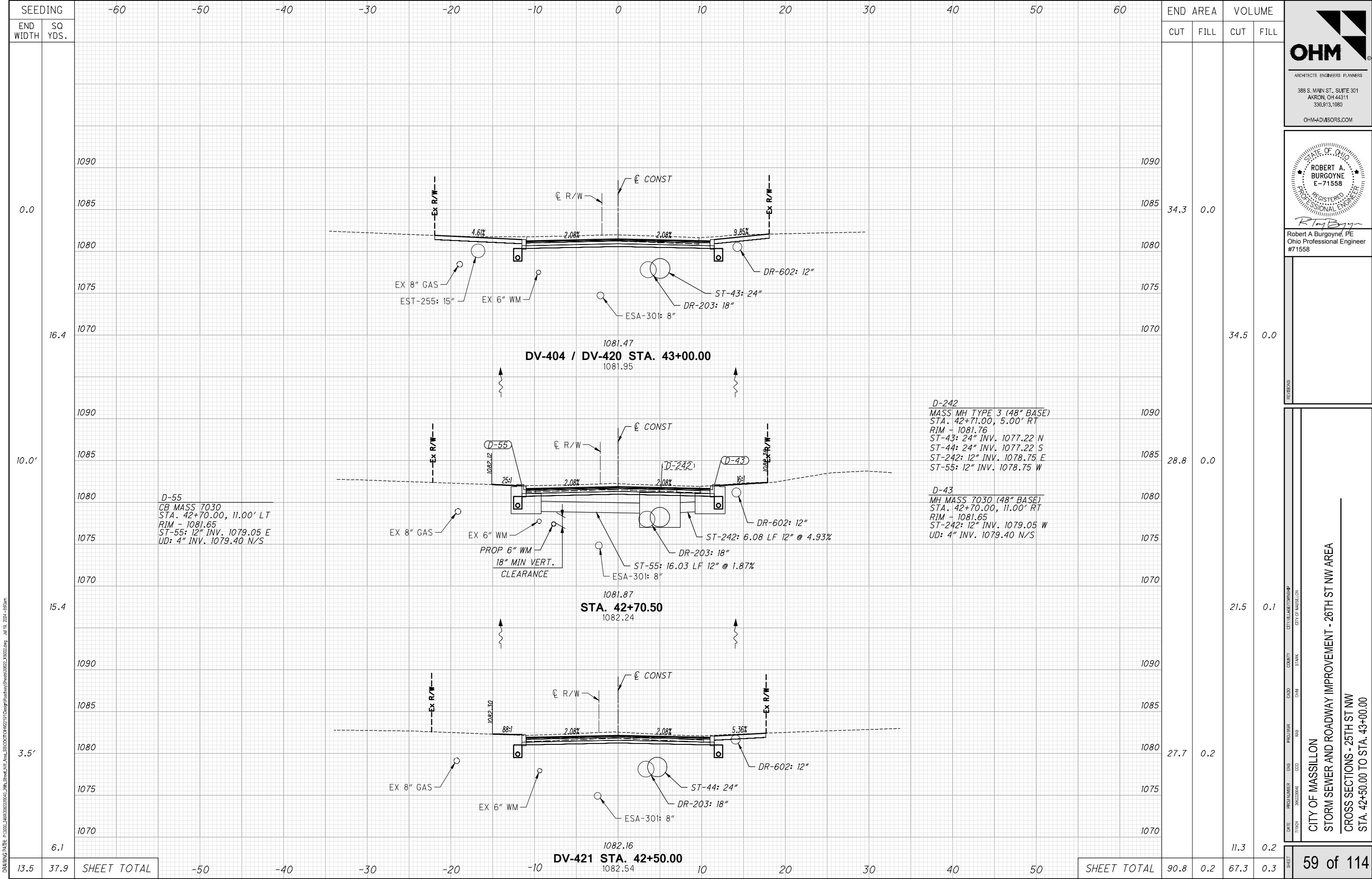
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

CROSS SECTIONS - CHAUNCEY AVE NW
STA. 32+79.03 TO STA. 33+25.00

55 of 114



SEEDING												END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A Burgoyne, PE Ohio Professional Engineer #71558	
END WIDTH	SQ YDS.											CUT	FILL	CUT	FILL		
6.5'	16.3	1090											27.7	0.6			
		1085															
		1080															
		1075															
		1070															
		1090															
		1085															
		1080															
		1075															
		1070															
14.5'	40.3	1090											27.5	1.1			
		1085															
		1080															
		1075															
		1070															
		1090															
		1085															
		1080															
		1075															
		1070															
14.5'	15.1	1090											27.9	1.4			
		1085															
		1080															
		1075															
		1070															
		1090															
		1085															
		1080															
		1075															
		1070															
35.5	71.7	SHEET TOTAL										83.1	3.1	55.3	2.3	58 of 114	



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

DATE: 7/19/24

PROJ NUMBER: 202404

ENG: CEC

PROJ LEAD: RAB

CADD: CHM

COUNTY: STARK

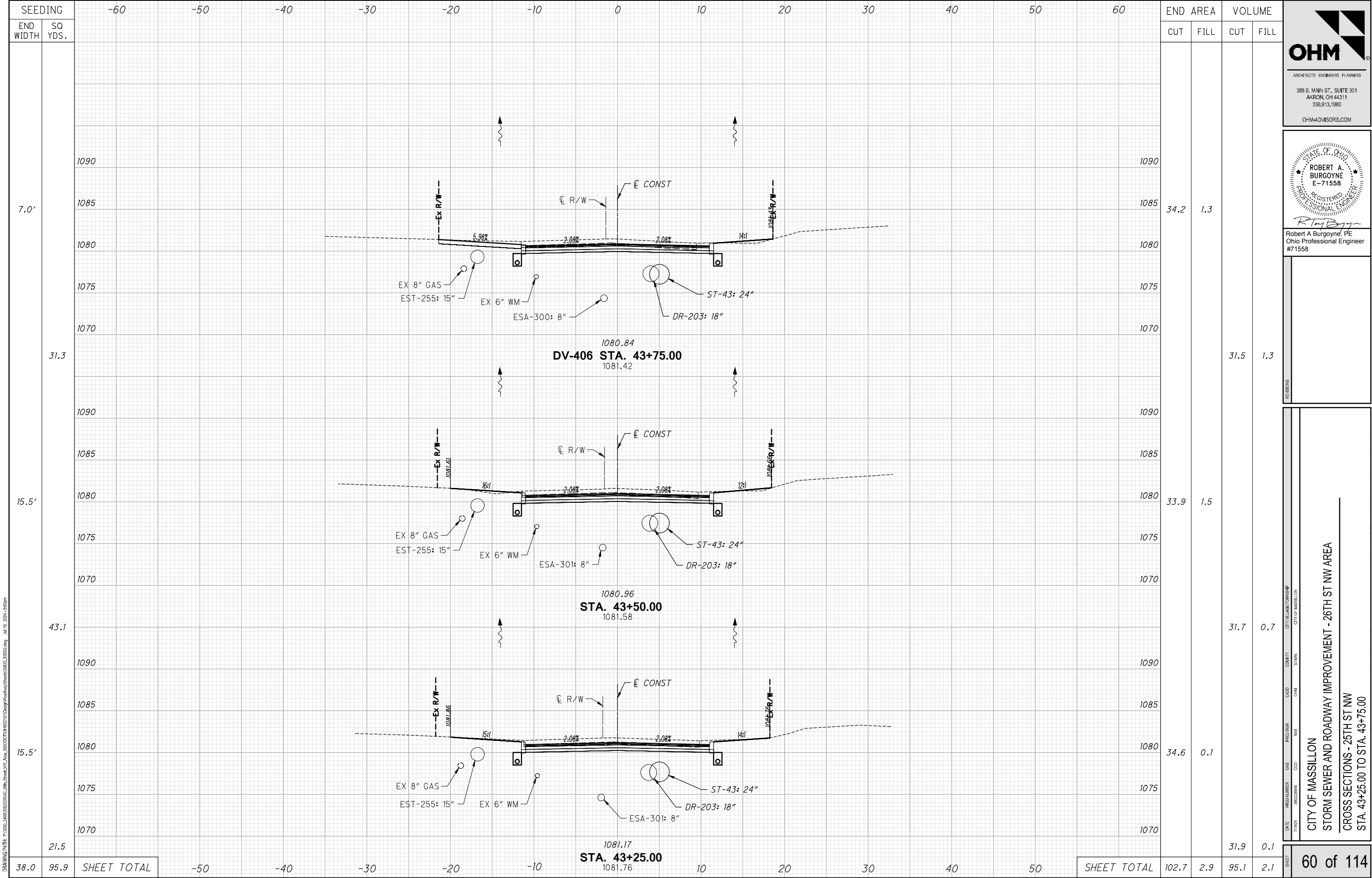
CITY/VILAGE/TOWNSHIP: CITY OF MASSILLON

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

CROSS SECTIONS - 25TH ST NW
STA. 42+50.00 TO STA. 43+00.00

59 of 114



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne

Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

PROJECT	DATE	PROJ. NO.	ENG.	PROJ. MGR.	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/15/24	5/16/2024	5/16/2024	CCO	RAB	CHM	STARK	CITY OF MASSILLON

CITY OF MASSILLON

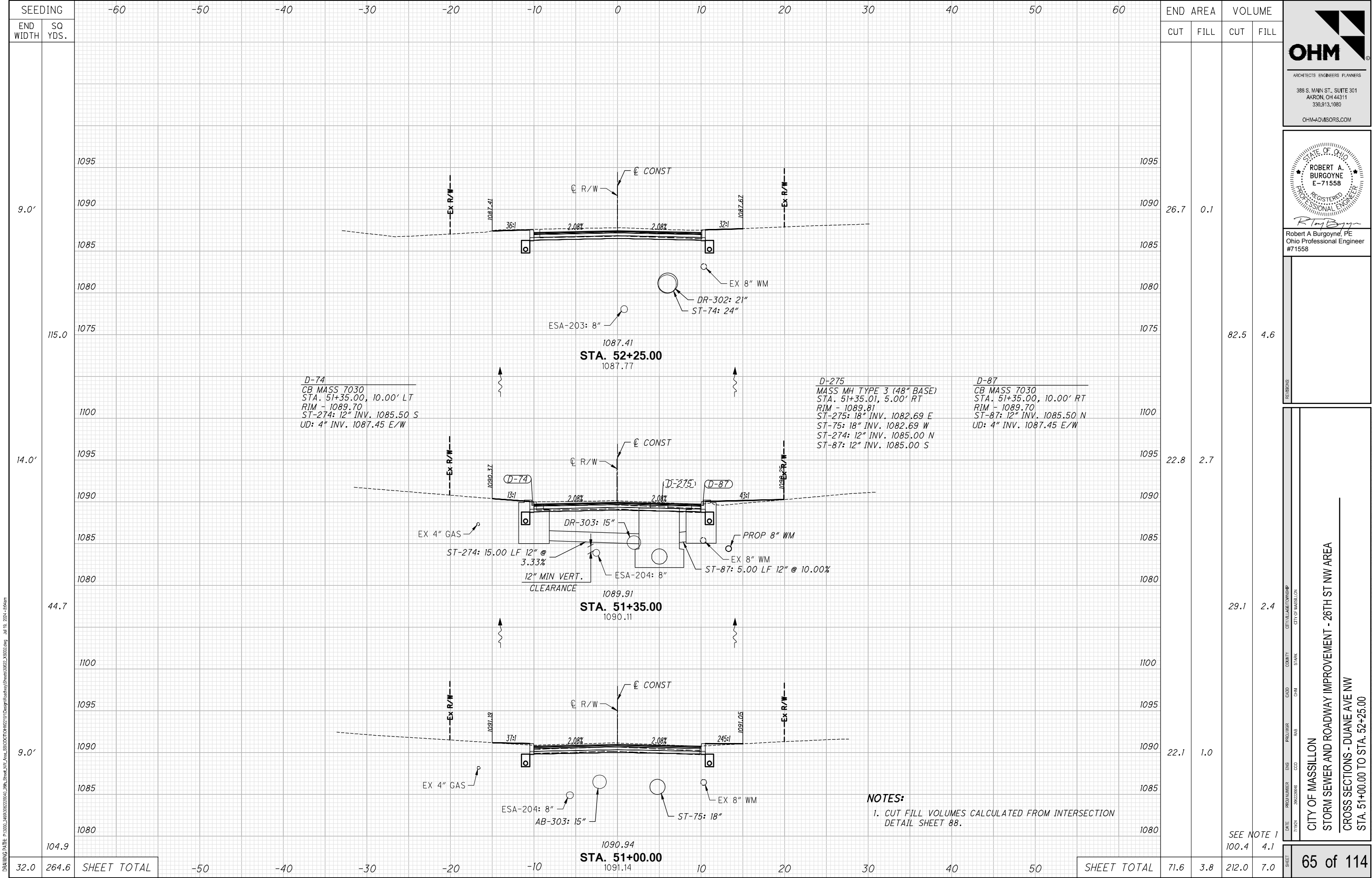
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

CROSS SECTIONS - 25TH ST NW
STA. 43+25.00 TO STA. 43+75.00

60 of 114

[illegible]

SEEDING												END AREA		VOLUME		OHM ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM STATE OF OHIO ROBERT A. BURGOWNE E-71558 REGISTERED PROFESSIONAL ENGINEER Robert A Burgoyne, PE Ohio Professional Engineer #71558	
END WIDTH	SQ YDS.											CUT	FILL	CUT	FILL		
3.5'	20.2	1090											26.3	0.4			
		1085															
		1080															
		1075															
		1070															
13.0'	12.4	1090											24.9	1.4	20.9	0.7	
		1085															
		1080															
		1075															
		1070															
6.0'	16.3	1090											24.4	2.2	14.2	1.5	
		1085															
		1080															
		1075															
		1070															
22.5	48.9	SHEET TOTAL										75.6	4.0	45.8	3.0	63 of 114	



ARCHITECTS ENGINEERS PLANNERS

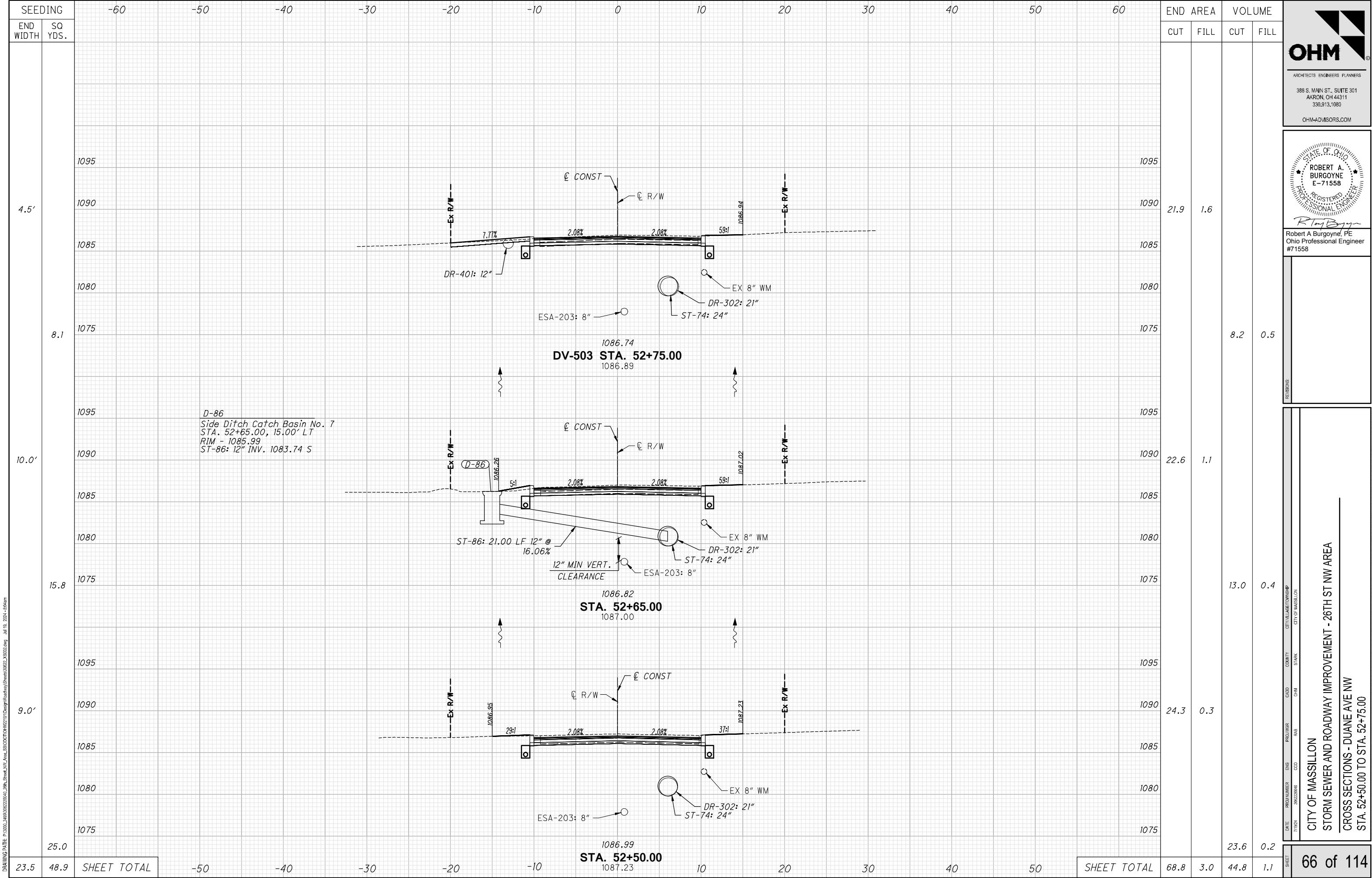
388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO
ROBERT A. BURGOWNE
E-71558
REGISTERED PROFESSIONAL ENGINEER

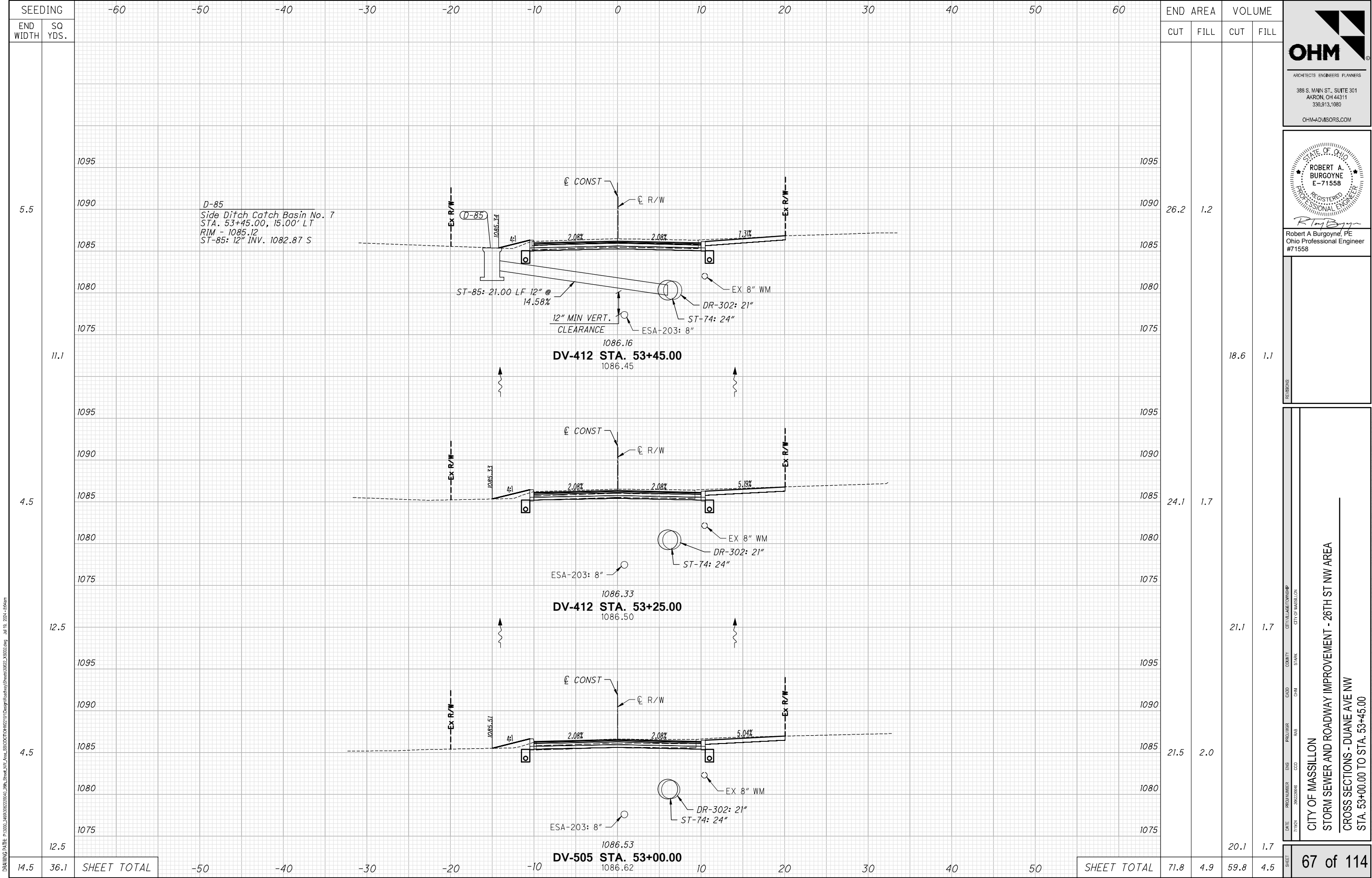
Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CROSS SECTIONS - DUANE AVE NW
STA. 51+00.00 TO STA. 52+25.00

65 of 114



DRAWING PATH: P:\3000_3489\3022\2040_3489\SS\000\CH\4M\21\1\Design\Roadway\Sheet\3062_3502.dwg Jul 19, 2024 4:48:00 PM



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOYNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

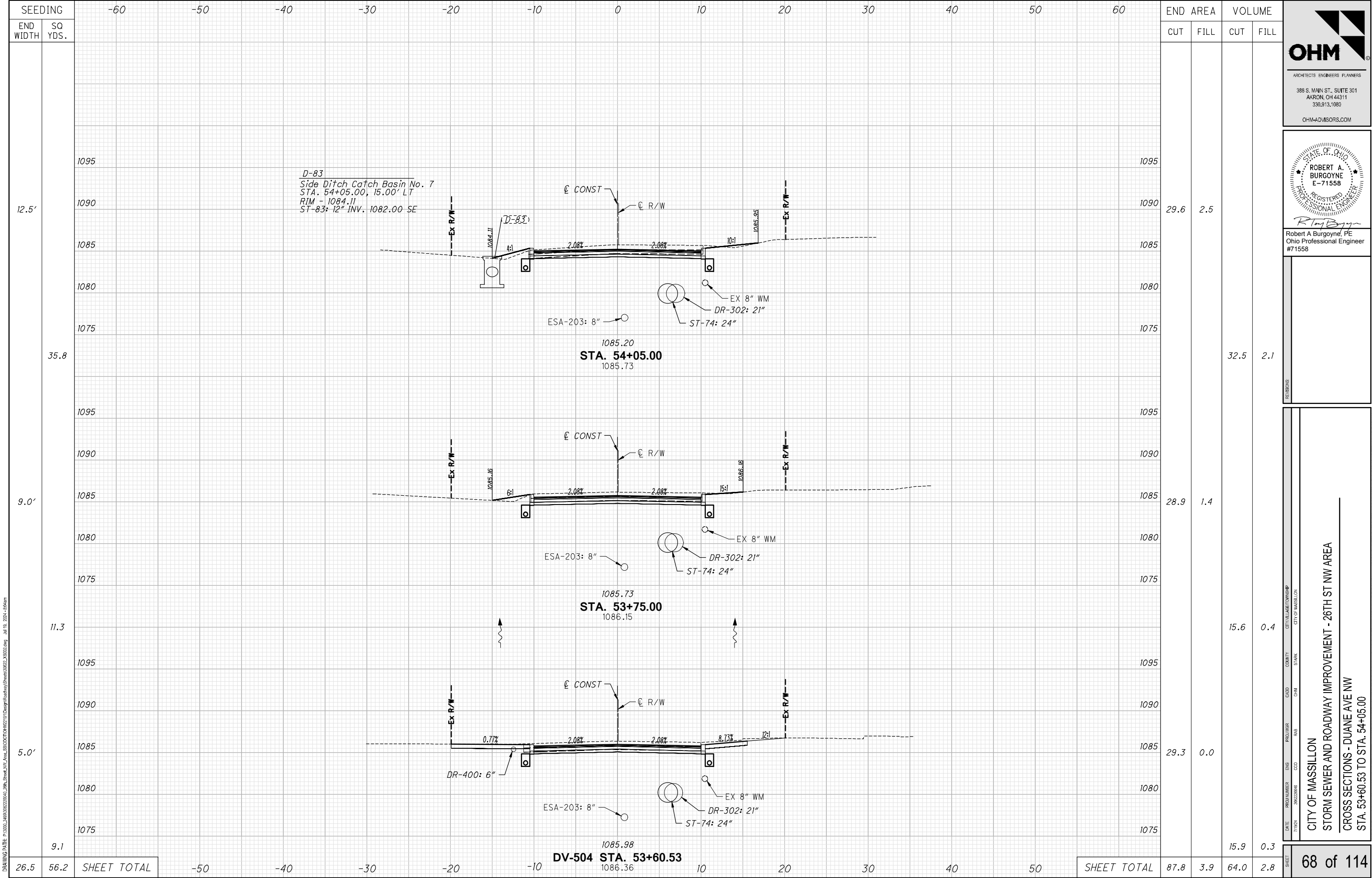
Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

DATE	PROJ NUMBER	ENG	PROJ NAME	CADD	COUNTY	CITY/VILAGE/TOWNSHIP
7/18/24	500220040	CCO	RAB	CHM	STARK	CITY OF MASSILLON

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CROSS SECTIONS - DUANE AVE NW
STA. 53+00.00 TO STA. 53+45.00

67 of 114

DRAWING PATH: P:\3000_3489\302220040_04m_Sewer\DWG_Area_SS\COO\CHM\211\Design\Roadway\Sheet\30622_35022.dwg Jul 19, 2024 - sdbum



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

DATE	PROJ NUMBER	ENG	PROJ NAME	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	504-20040	CCO	RAB	CHM	STARK	CITY OF MASSILLON

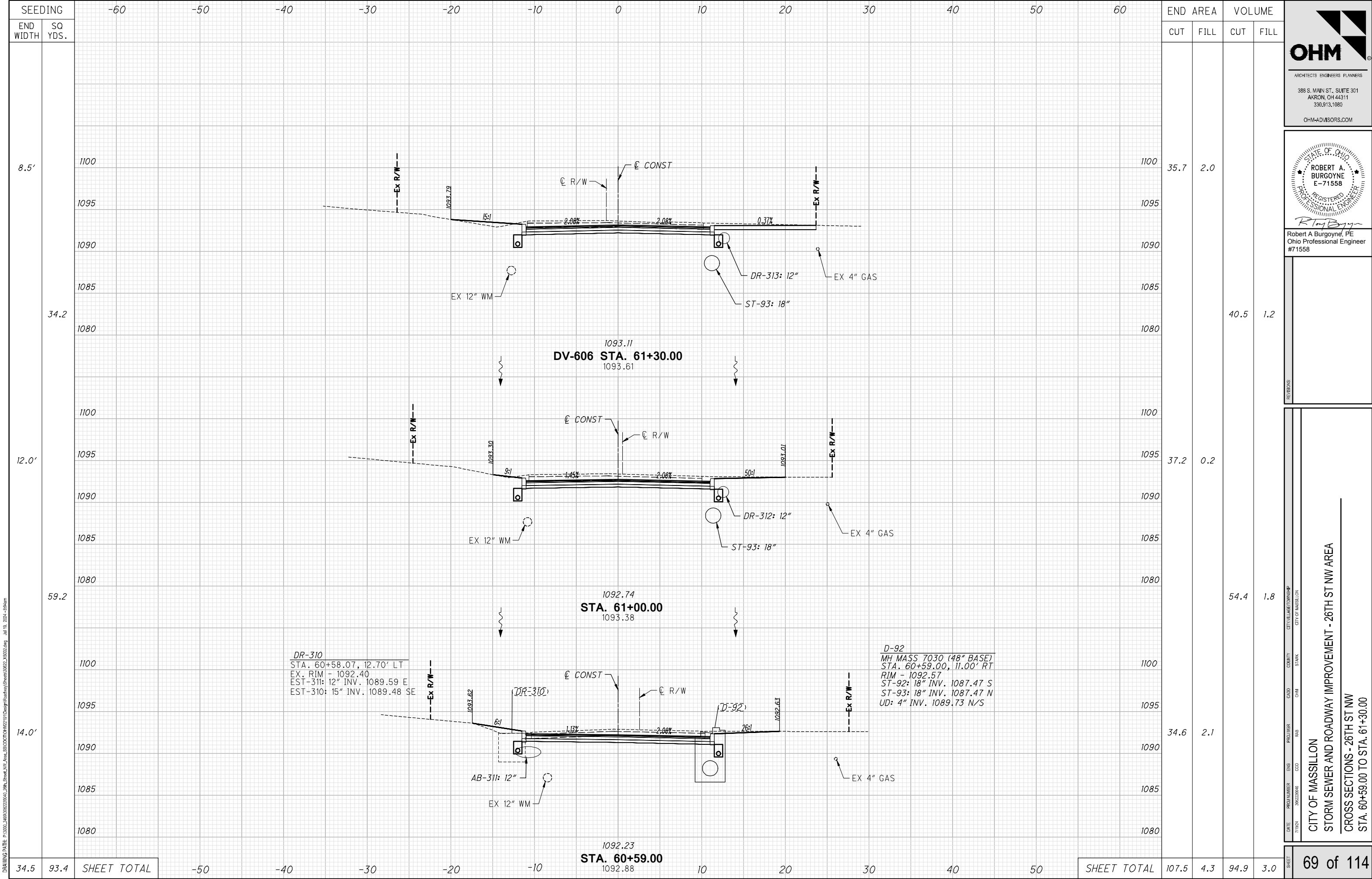
CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

CROSS SECTIONS - DUANE AVE NW
STA. 53+60.53 TO STA. 54+05.00

68 of 114

DRAWING PATH: P:\300L_3489\302220\40_30m_SS\CDOT\CHM\211\Design\Roadway\Sheet\3062_3502.dwg Jul 19, 2024 - s.bhum



OHM

ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

STATE OF OHIO

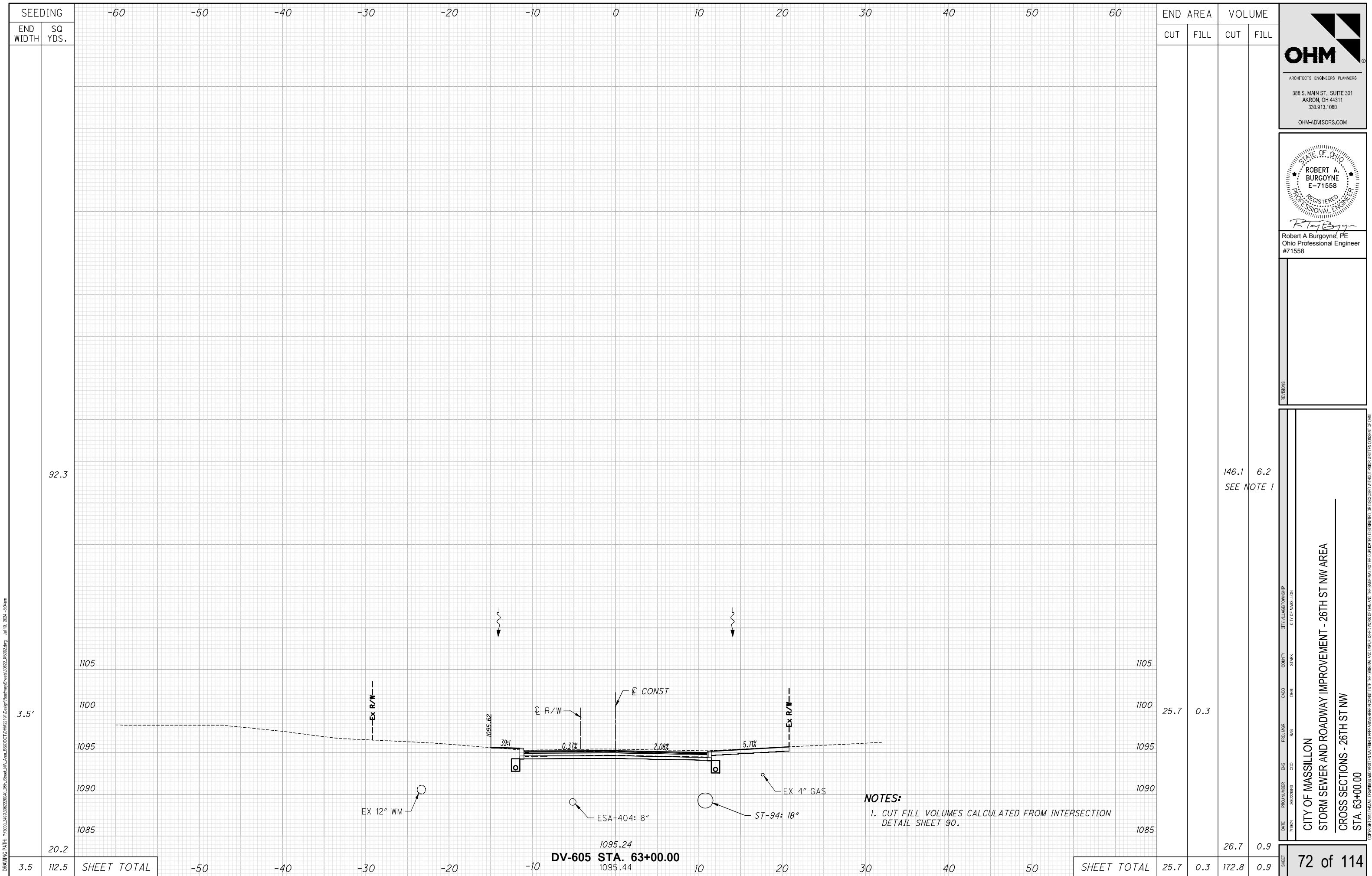
ROBERT A. BURGOWNE
E-71558

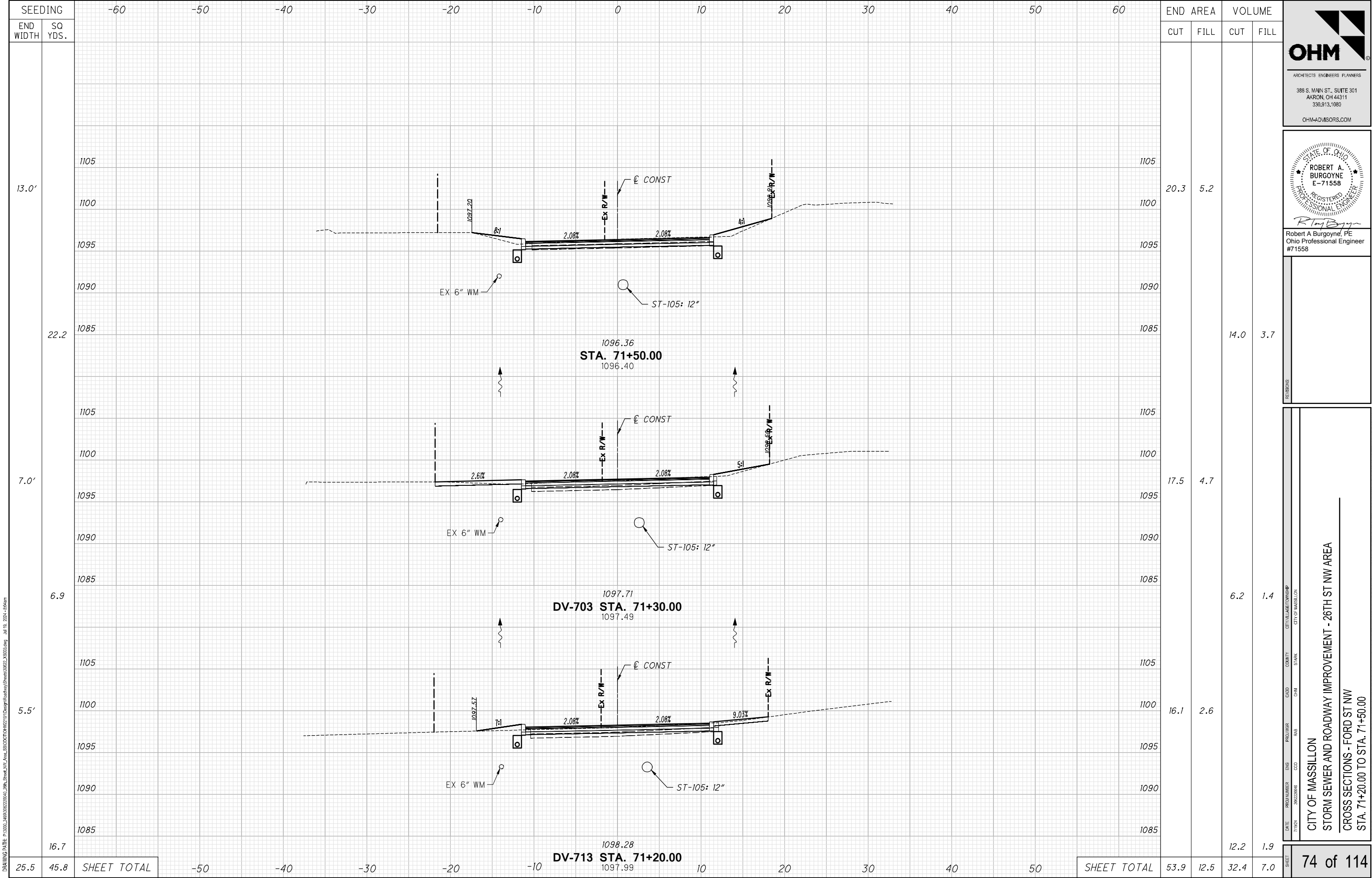
REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CROSS SECTIONS - 26TH ST NW
STA. 60+59.00 TO STA. 61+30.00

69 of 114



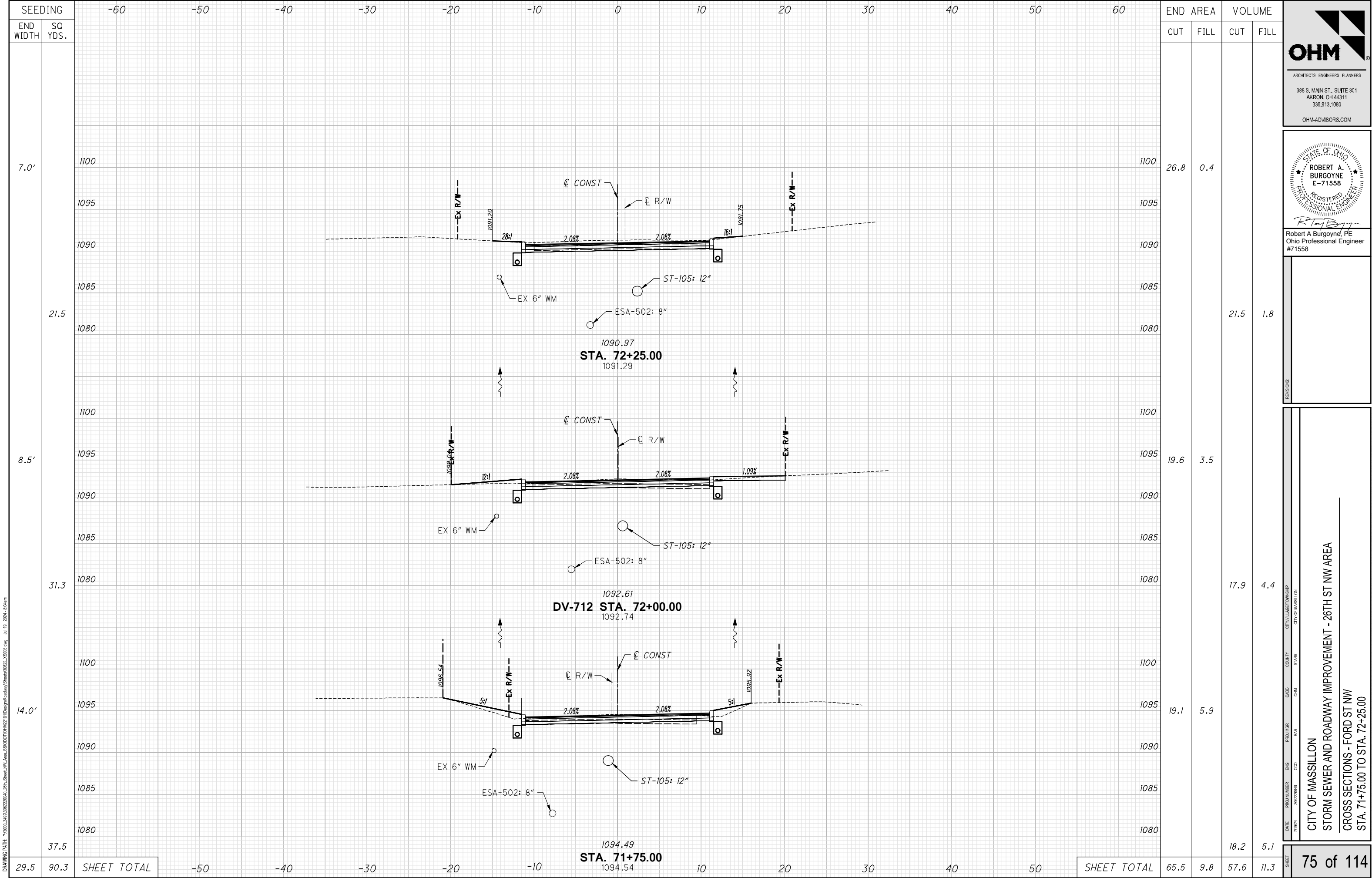


OHM
ARCHITECTS ENGINEERS PLANNERS
388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO
ROBERT A. BURGOWNE
E-71558
REGISTERED PROFESSIONAL ENGINEER
Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CROSS SECTIONS - FORD ST NW
STA. 71+20.00 TO STA. 71+50.00

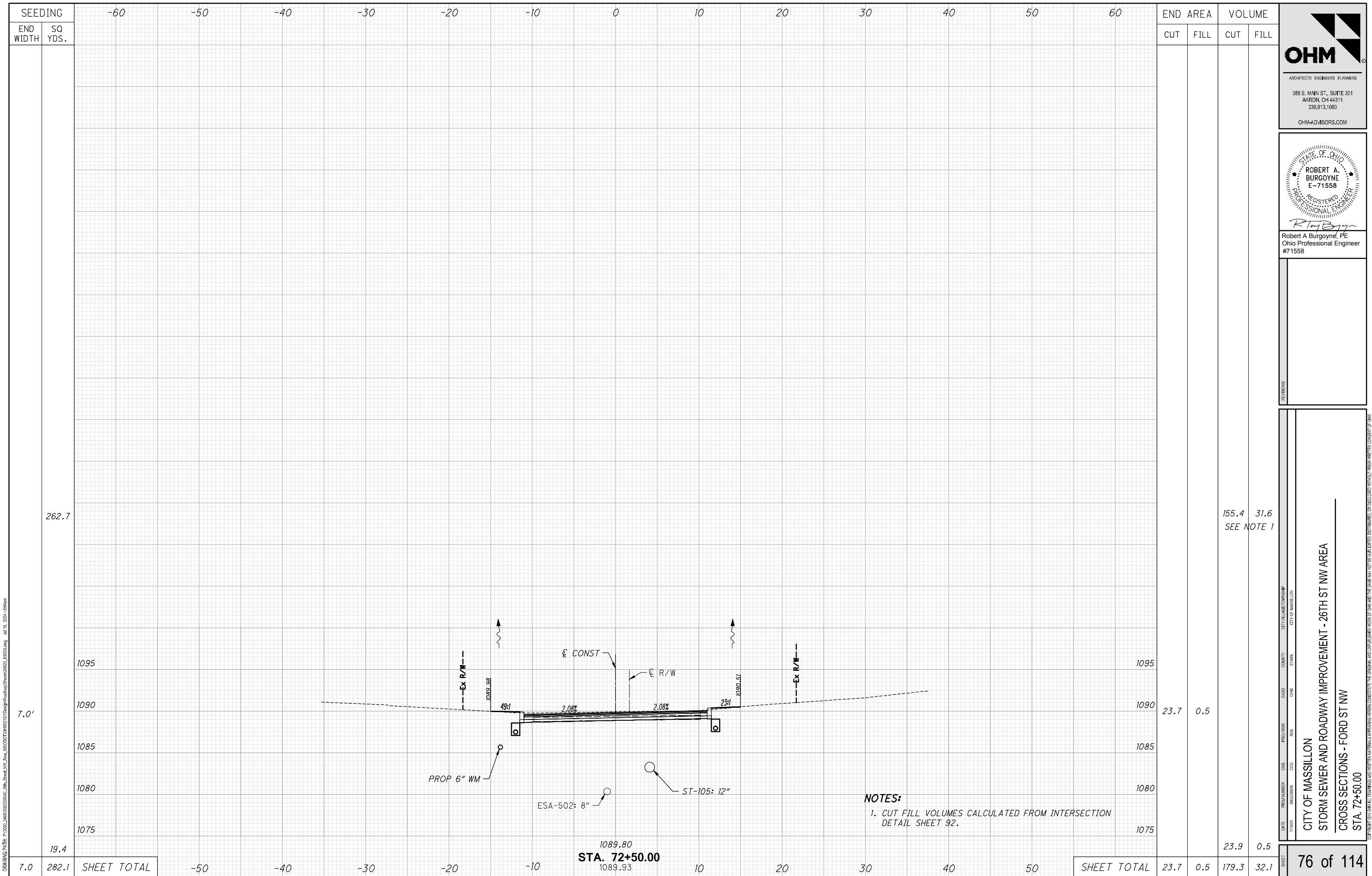
74 of 114



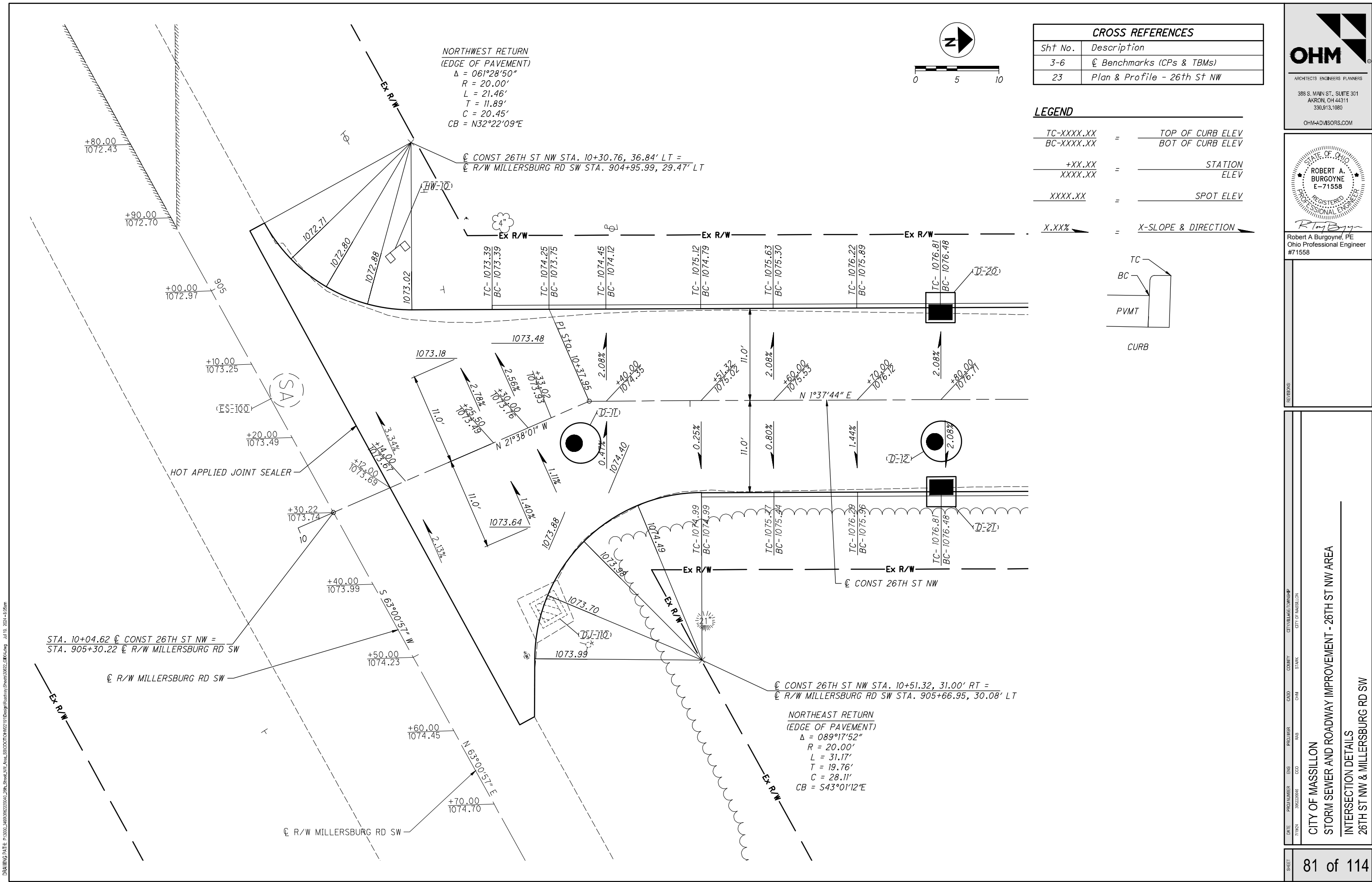
OHM
ARCHITECTS ENGINEERS PLANNERS
388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080
OHM-ADVISORS.COM

STATE OF OHIO
ROBERT A. BURGOYNE
E-71558
REGISTERED PROFESSIONAL ENGINEER
Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
CROSS SECTIONS - FORD ST NW
STA. 71+75.00 TO STA. 72+25.00
75 of 114



DRAWING PATH: P:\3000_3489\3489222040_3489_Storm_JNW_Area_SS\000TOMM211\Design\Roadway\Sheet\3062_CRM\dwg_Jul 18, 2024 - 8:55am



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

REVISIONS

NO.	DESCRIPTION	DATE
-----	-------------	------

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

INTERSECTION DETAILS

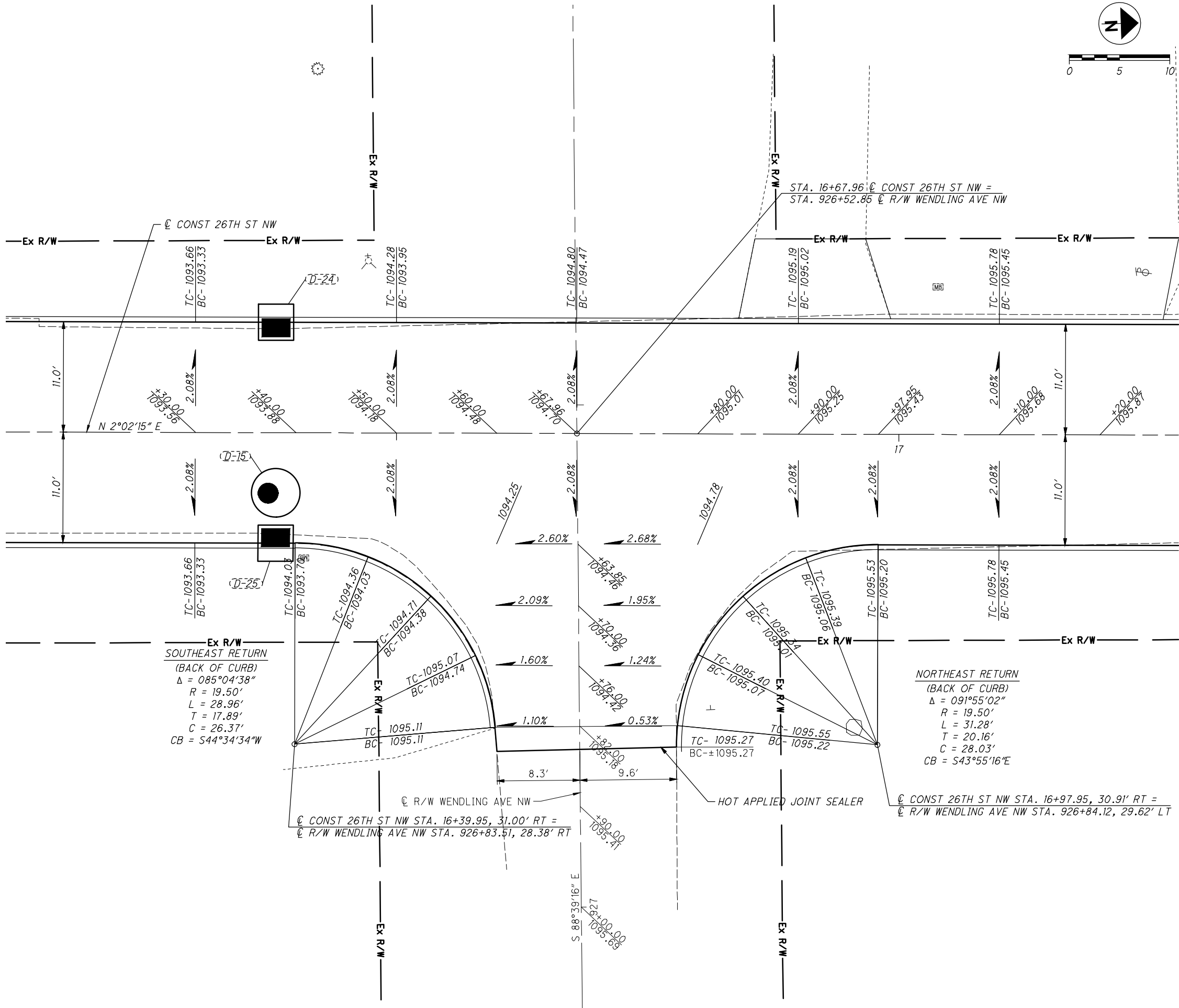
26TH ST NW & MILLERSBURG RD SW

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SHEET

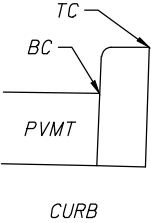
81 of 114

DRAWING PATH: P:\3000_3489\36222040_36m_Street_JUV_Area_SS\CDOT\CHMM2191\Design\Roadway\Sheet\30622_CRM\4.dwg Jul 18, 2024 - 8:55am



CROSS REFERENCES	
Sht No.	Description
3-6	☒ Benchmarks (CPs & TBMs)
24	Plan & Profile - 26th St NW

LEGEND	
$\frac{TC-XXXX.XX}{BC-XXXX.XX}$	= $\frac{\text{TOP OF CURB ELEV}}{\text{BOT OF CURB ELEV}}$
$\frac{+XX.XX}{XXXX.XX}$	= $\frac{\text{STATION}}{\text{ELEV}}$
$\frac{XXXX.XX}{}$	= $\frac{\text{SPOT ELEV}}{\text{}}$
$\frac{X.XX\%}{}$	= $\frac{\text{X-SLOPE \& DIRECTION}}{\text{}}$



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STATE OF OHIO

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

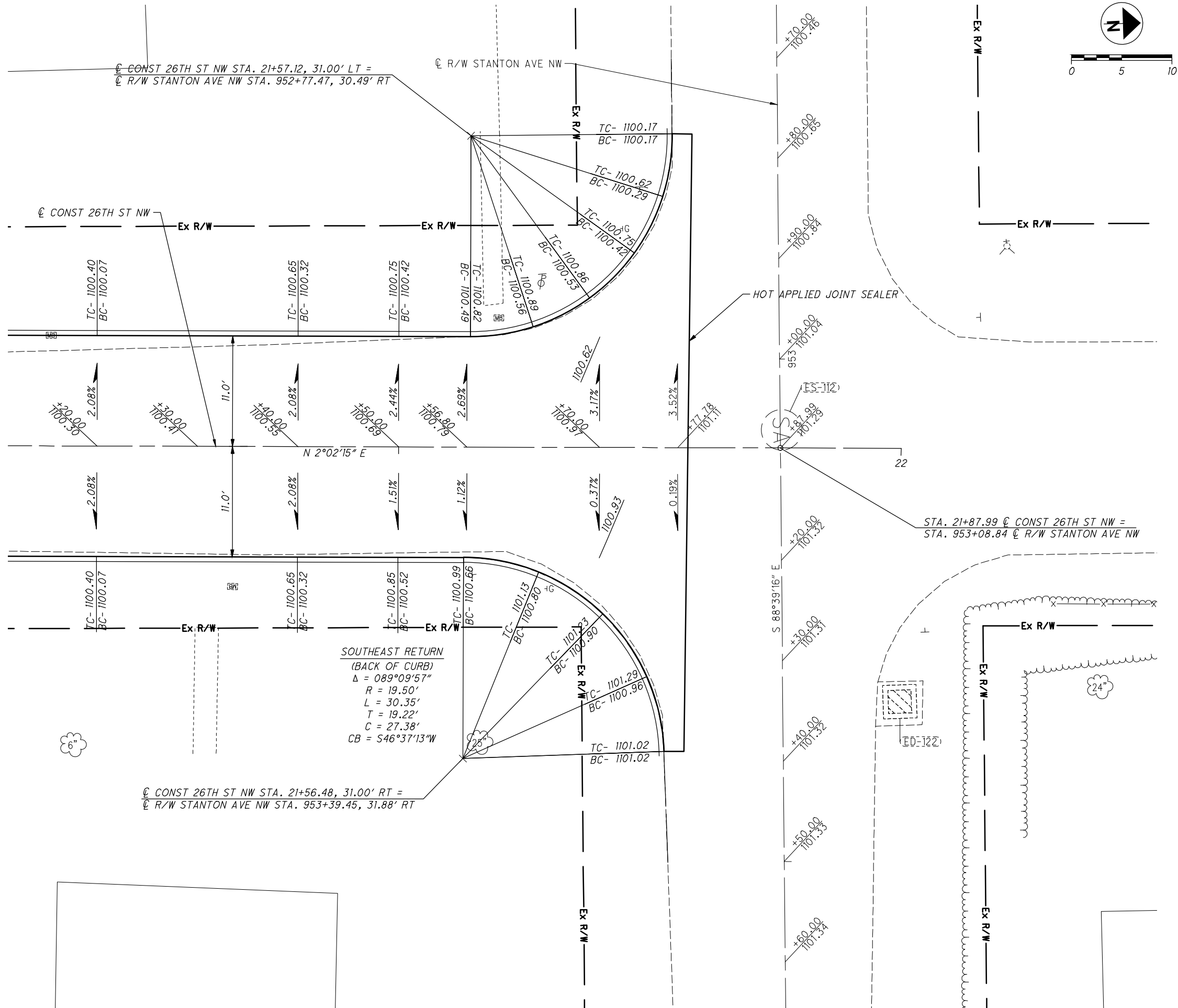
DATE	PROJ NUMBER	ENG	PROJ NAME	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/18/24	36222040	CCO	648	CHM	STARK	CITY OF MASSILLON

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
INTERSECTION DETAILS
26TH ST NW & WENDLING AVE NW

82 of 114

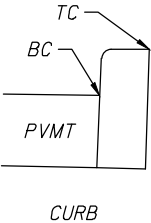
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DRAWING PATH: P:\3000_3489\3022\2040_35m_Street_JMW_Area_SS\000TOMM22191\Design\Roadway\Sheet\3062_CRM\Long_Jul18_2024.dwg Jul 18, 2024 - 8:55am



CROSS REFERENCES	
Sh# No.	Description
3-6	☒ Benchmarks (CPs & TBMs)
25	Plan & Profile - 26th St NW

LEGEND	
$\frac{TC-XXXX.XX}{BC-XXXX.XX}$	$\frac{\text{TOP OF CURB ELEV}}{\text{BOT OF CURB ELEV}}$
$\frac{+XX.XX}{XXXX.XX}$	$\frac{\text{STATION}}{\text{ELEV}}$
$\frac{XXXX.XX}{}$	$\frac{\text{SPOT ELEV}}{\text{ELEV}}$
$\frac{X.XX\%}{}$	$\frac{\text{X-SLOPE \& DIRECTION}}{\text{DIRECTION}}$



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E-71558

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

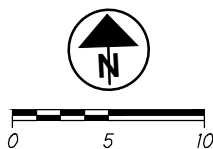
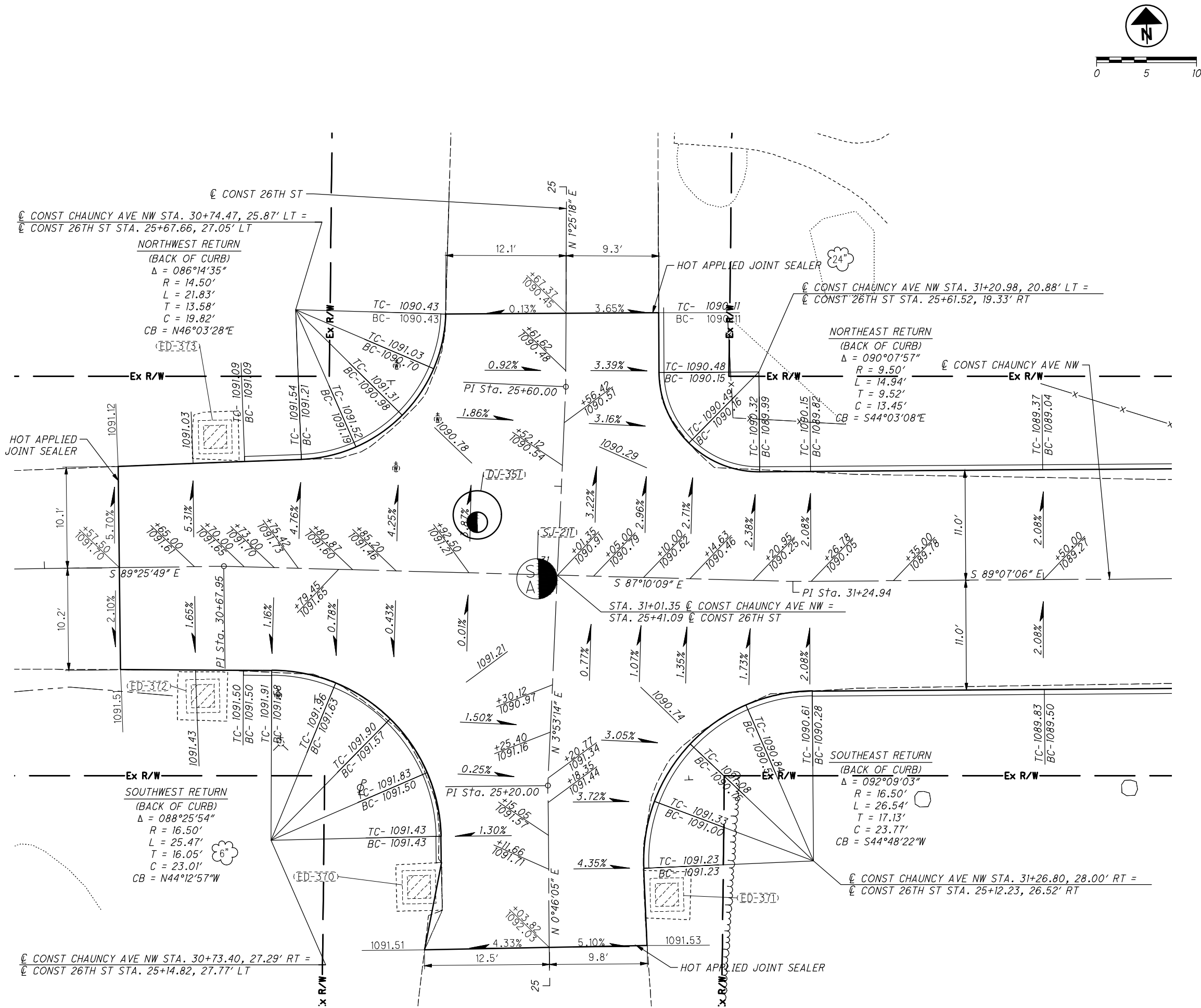
DATE	PROJ NUMBER	ENG	PROJ NAME	COUNTY	CITY/VILLAGE/TOWNSHIP
7/18/24	3022040	CRD	3489	STARK	CITY OF MASSILLON

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
INTERSECTION DETAILS
26TH ST NW & STANTON AVE NW

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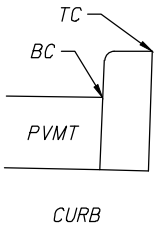
83 of 114

DRAWING PATH: P:\3000_3489\3489222040_3489_Storm\JWW_Area_SS\CDOT\CHMM\211\Design\Roadway\Sheet\3062_CRM1.dwg Jul 19, 2024 - 8:55am



CROSS REFERENCES	
Sht No.	Description
3-6	☒ Benchmarks (CPs & TBMs)
27	Plan & Profile - Chauncy Ave NW

LEGEND	
TC-XXXX.XX	TOP OF CURB ELEV
BC-XXXX.XX	BOT OF CURB ELEV
+XX.XX	STATION
XXXX.XX	ELEV
XXXX.XX	SPOT ELEV
X.XX%	X-SLOPE & DIRECTION

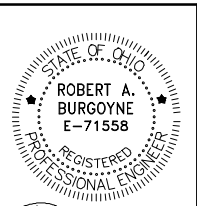




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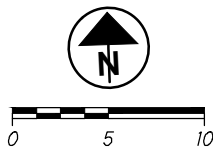
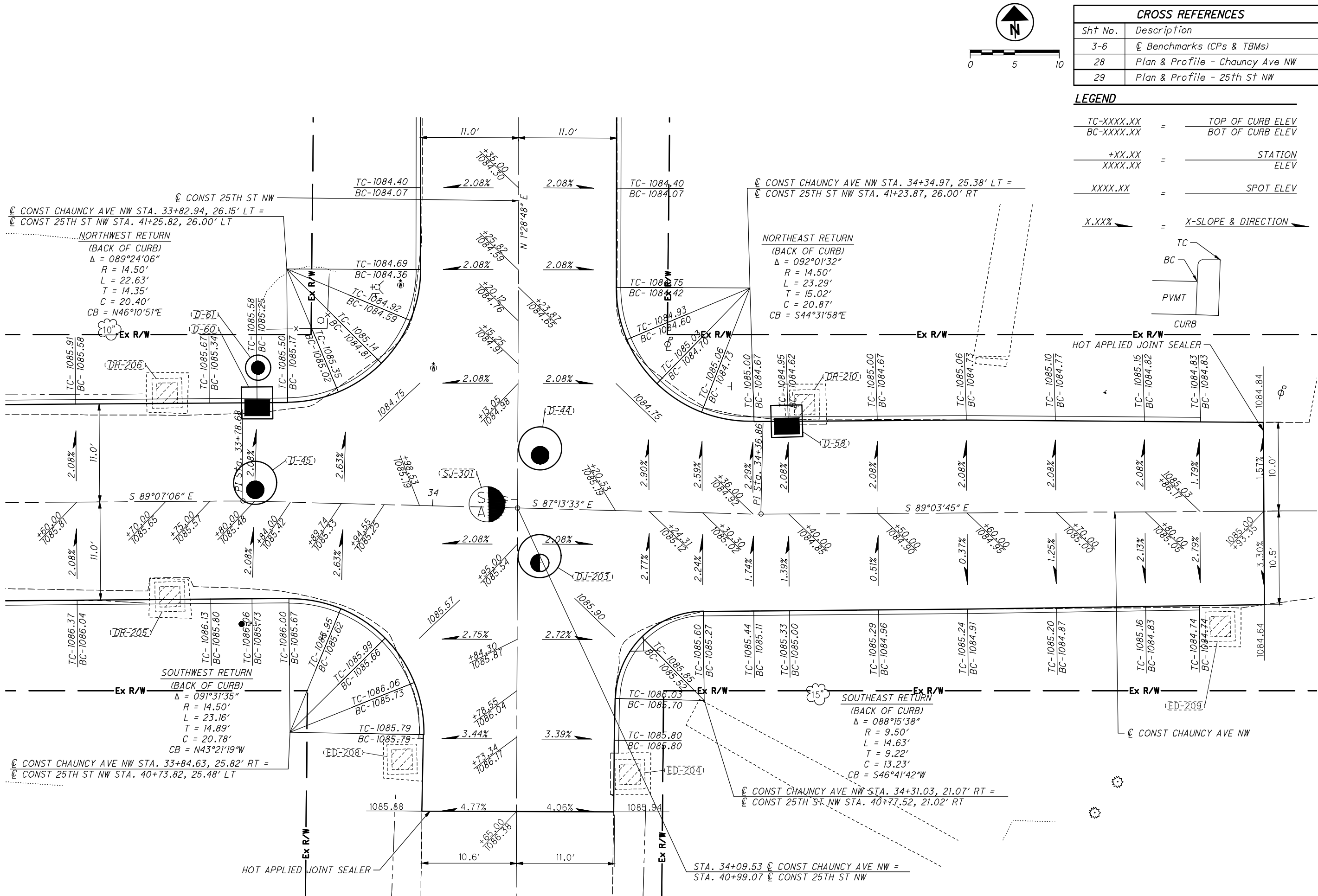


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#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
INTERSECTION DETAILS
CHAUNCY AVE NW & 26TH ST NW

DATE: 7/19/24
SHEET: 3062
PROJ NUMBER: 3489222040
ENG: JWW
PROJ LEADER: JWW
CITY: MASSILLON
COUNTY: STARK
CDOT: 3489

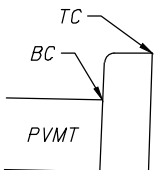
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CROSS REFERENCES	
Sht No.	Description
3-6	☒ Benchmarks (CPs & TBMs)
28	Plan & Profile - Chauncy Ave NW
29	Plan & Profile - 25th St NW

LEGEND

TC-XXXX.XX	=	TOP OF CURB ELEV
BC-XXXX.XX	=	BOT OF CURB ELEV
+XX.XX	=	STATION ELEV
XXXX.XX	=	SPOT ELEV
X.XX%	=	X-SLOPE & DIRECTION

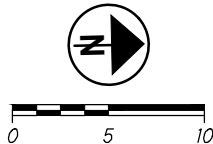


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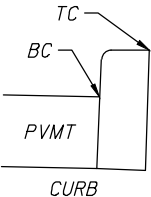
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REGISTERED PROFESSIONAL ENGINEER
ROBERT A. BURGOWNE
E-71558
Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
INTERSECTION DETAILS
CHAUNCY AVE NW & 25TH ST NW

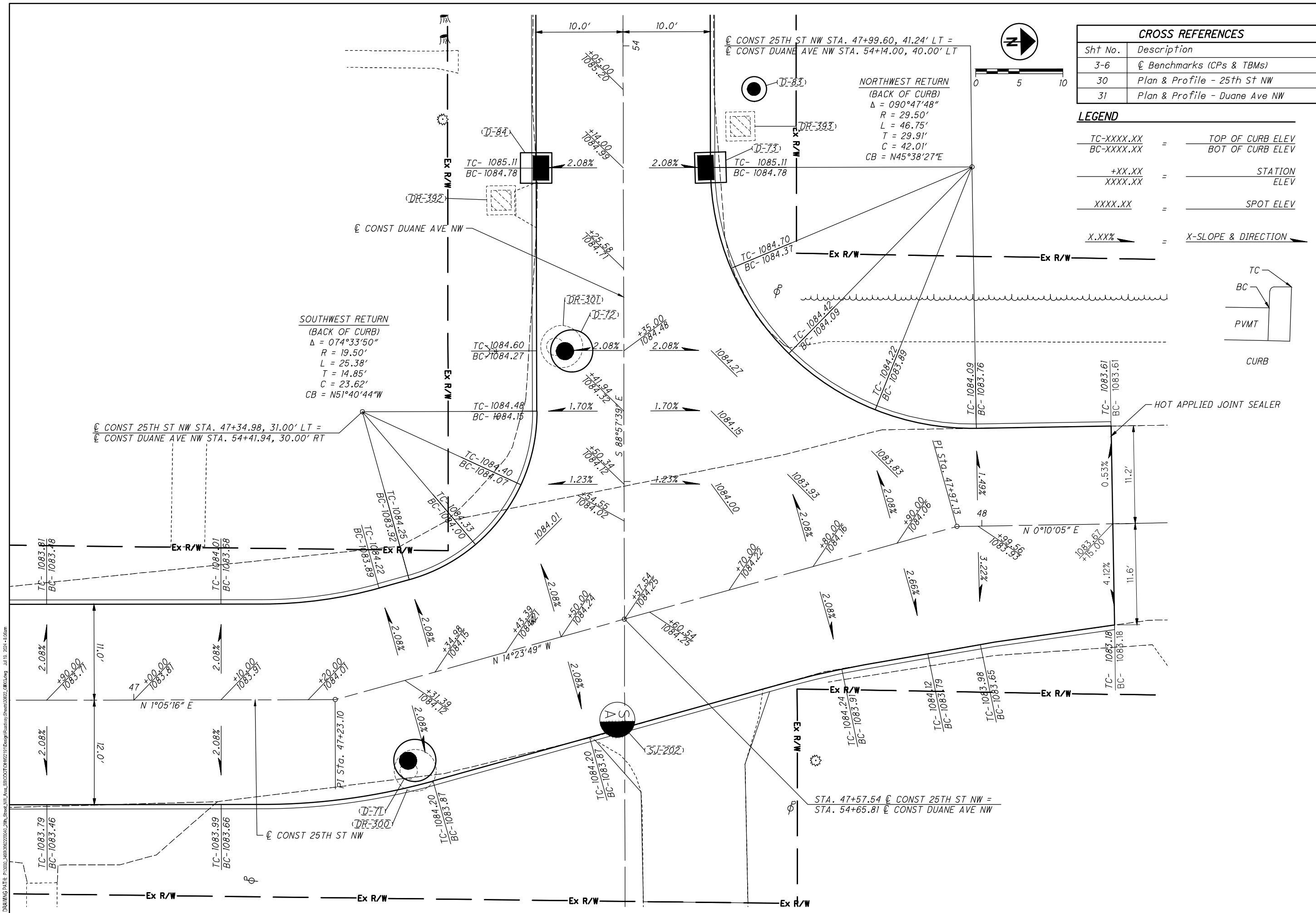
DATE: 7/19/24 PROJ NUMBER: ENG-220404-0000 SHEET: 85 OF 114



LEGEND	
<u>TC-XXXX.XX</u> <u>BC-XXXX.XX</u>	= <u>TOP OF CURB ELEV</u> <u>BOT OF CURB ELEV</u>
<u>+XX.XX</u> <u>XXXX.XX</u>	= <u>STATION</u> <u>ELEV</u>
<u>XXXX.XX</u>	= <u>SPOT ELEV</u>
<u>X.XX%</u>	= <u>X-SLOPE & DIRECTION</u>

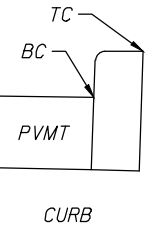


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CROSS REFERENCES	
Sht No.	Description
3-6	☒ Benchmarks (CPs & TBMs)
30	Plan & Profile - 25th St NW
31	Plan & Profile - Duane Ave NW

LEGEND	
TC-XXXX.XX	TOP OF CURB ELEV
BC-XXXX.XX	BOT OF CURB ELEV
+XX.XX	STATION
XXXX.XX	ELEV
XXXX.XX	SPOT ELEV
X.XX%	X-SLOPE & DIRECTION



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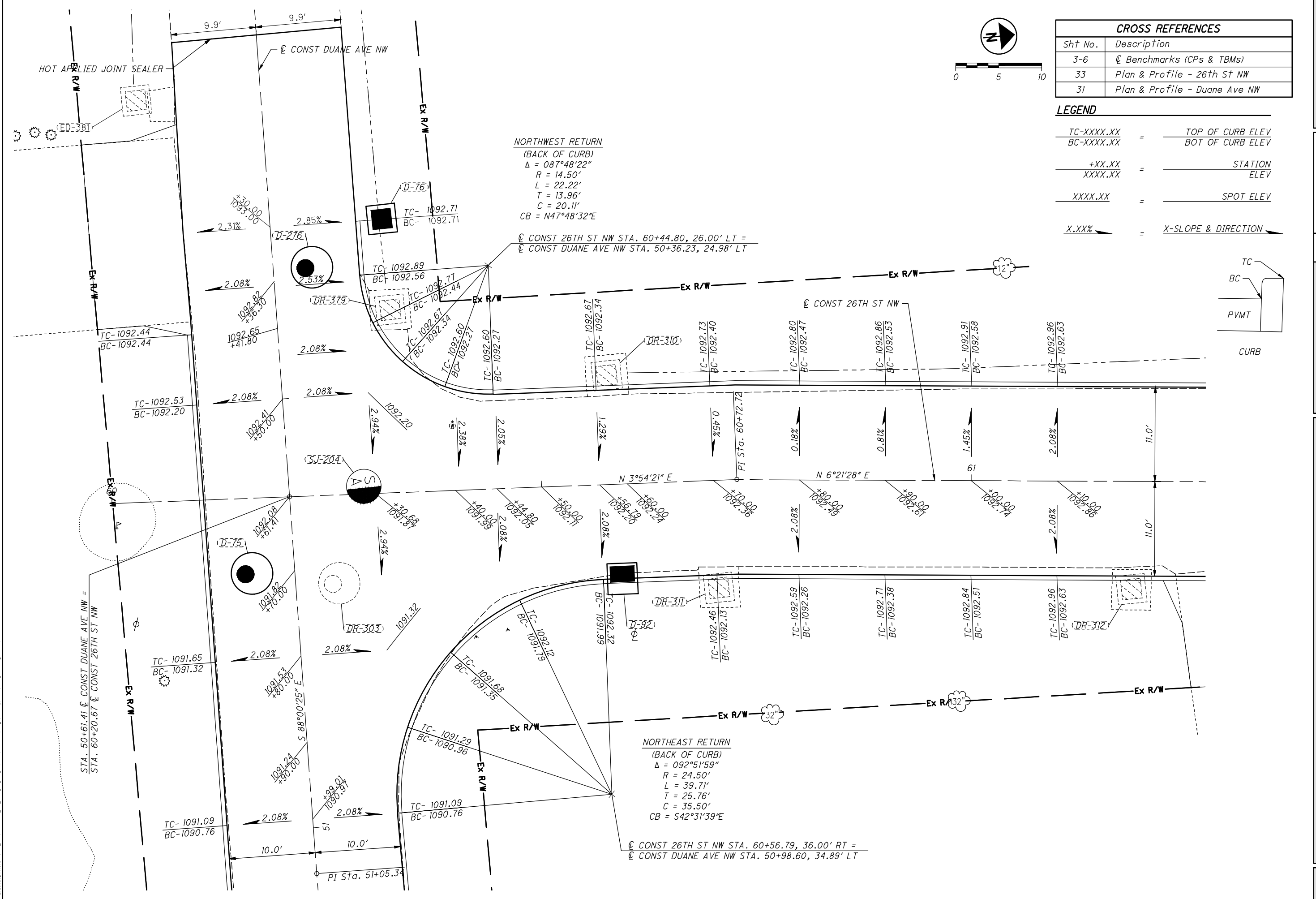
NO.	DATE	DESCRIPTION
1	07/19/2024	ISSUED FOR PERMIT

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

INTERSECTION DETAILS
25TH ST NW & DUANE AVE NW

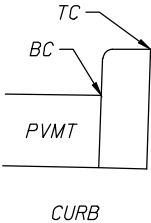
87 of 114

DRAWING PATH: P:\3000_3489\3489222040_3489_Storm_JNW_Area_SS\000TOMM22191\Design\Roadway\Sheet\3002_CRM22.dwg Jul 19, 2024 - 8:56am



CROSS REFERENCES	
Sht No.	Description
3-6	Const Benchmarks (CPs & TBMs)
33	Plan & Profile - 26th St NW
31	Plan & Profile - Duane Ave NW

LEGEND	
TC-XXXX.XX	TOP OF CURB ELEV
BC-XXXX.XX	BOT OF CURB ELEV
+XX.XX	STATION
XXXX.XX	ELEV
XXXX.XX	SPOT ELEV
X.XX%	X-SLOPE & DIRECTION





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ROBERT A. BURGOWNE

E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

DATE	PROJ NUMBER	ENG	PROJ NAME	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	348922040	CRD	948	CRD	STARK	CITY OF MASSILLON

CITY OF MASSILLON

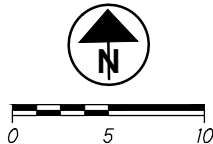
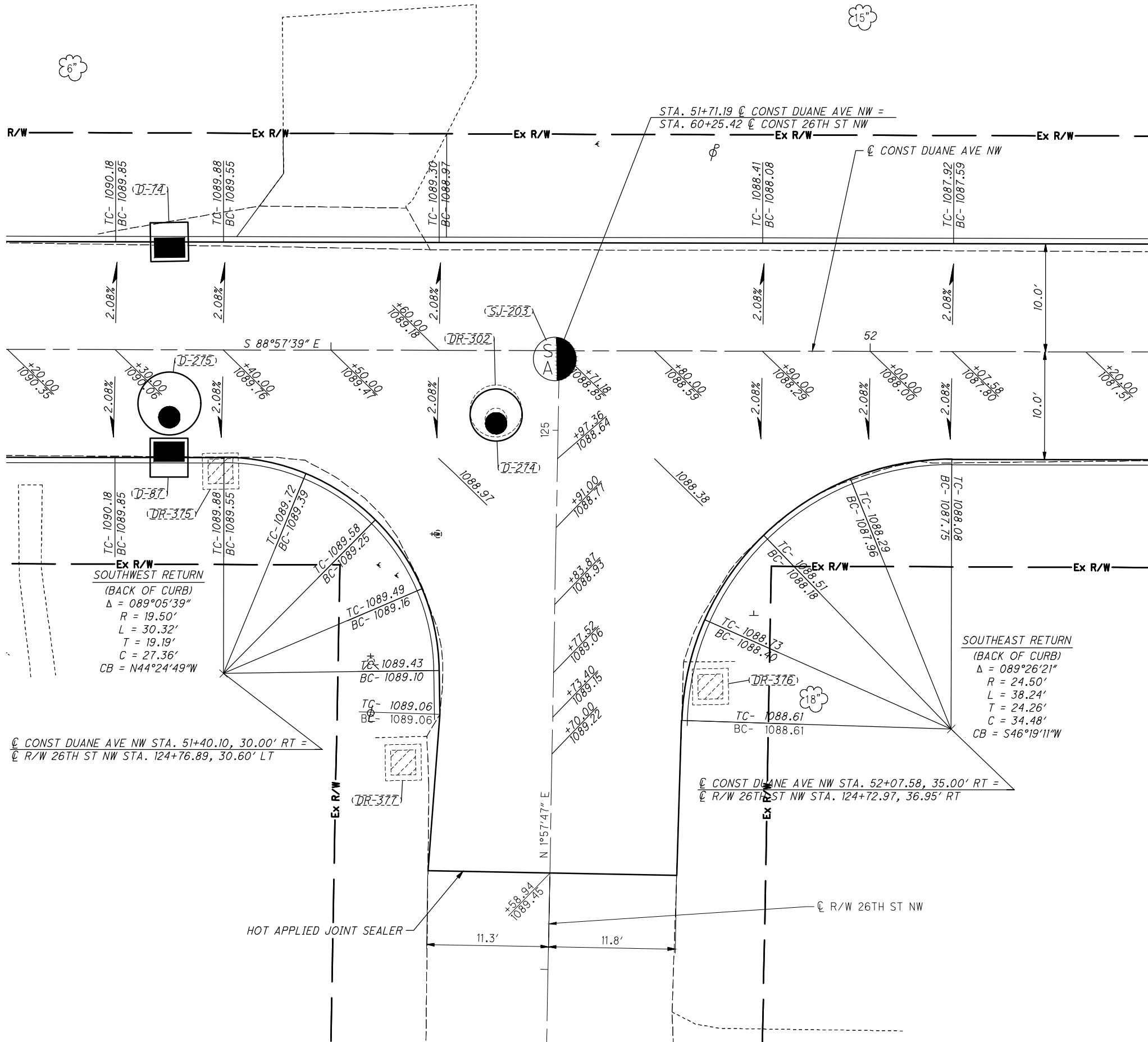
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

INTERSECTION DETAILS

DUANE AVE NW & 26TH ST NW

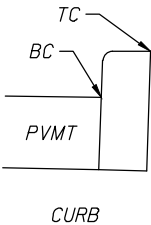
88 of 114

DRAWING PATH: P:\3000_3489\3489222040_3489_Storm_JNW_Area_SS\CDOT\CHM\211\Design\Roadway\Sheet\3062_CRM22.dwg Jul 18, 2024 - 8:56am



CROSS REFERENCES	
Sht No.	Description
3-6	Const Benchmarks (CPs & TBMs)
31	Plan & Profile - Duane Ave NW

LEGEND	
TC-XXXX.XX	TOP OF CURB ELEV
BC-XXXX.XX	BOT OF CURB ELEV
+XX.XX	STATION ELEV
XXXX.XX	SPOT ELEV
X.XX%	X-SLOPE & DIRECTION

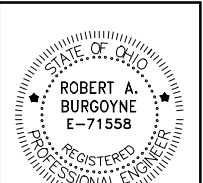




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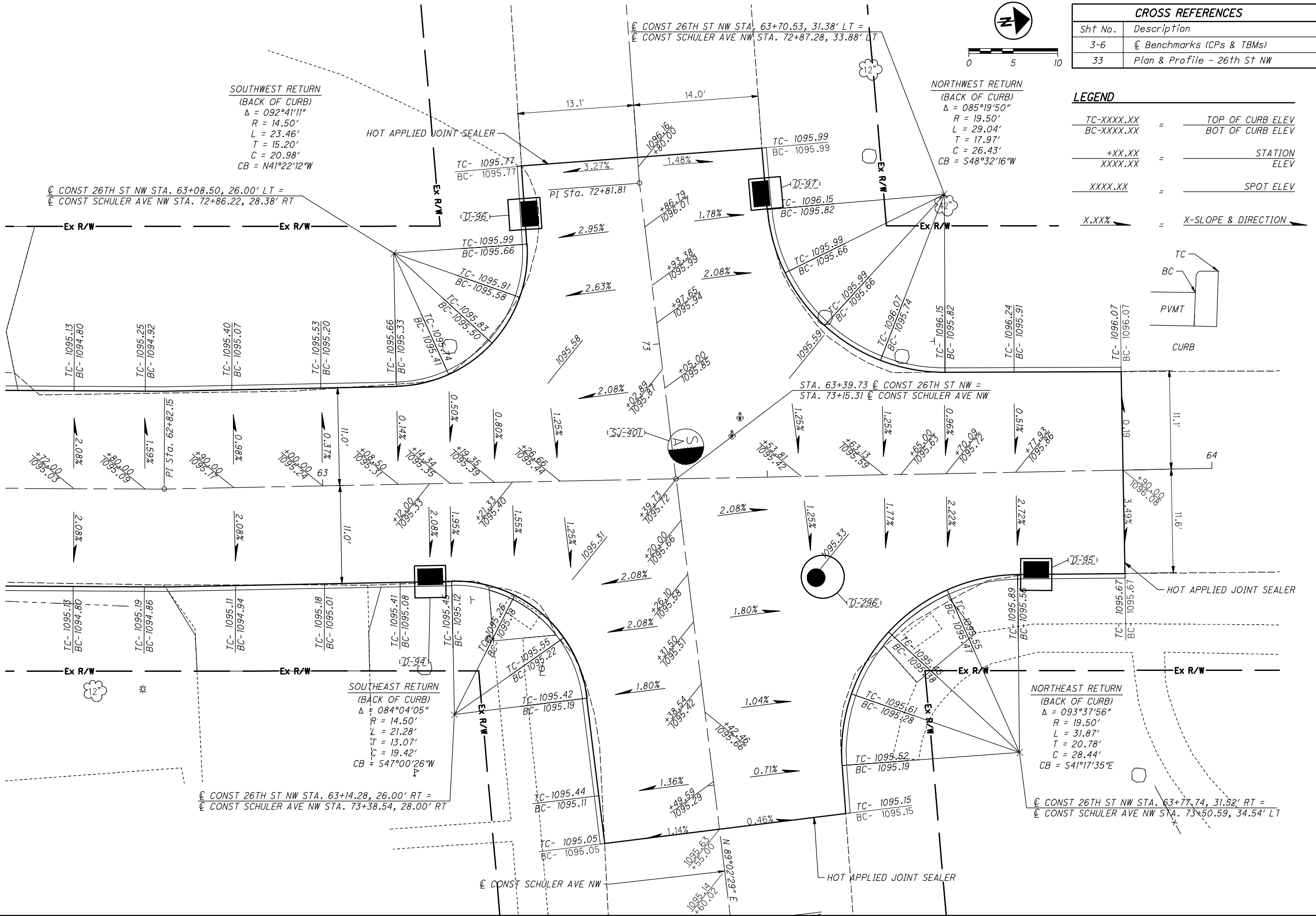


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#71558

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
INTERSECTION DETAILS
DUANE AVE NW & 26TH ST NW

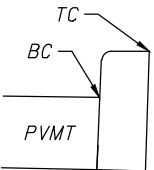
DATE: 7/18/24
PROJ NUMBER: 3489222040
ENG: CEC
SHEET: 89 OF 114

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CROSS REFERENCES	
Sh't No.	Description
3-6	☑ Benchmarks (CPs & TBMs)
33	Plan & Profile - 26th St NW

LEGEND	
TC-XXXX.XX	= TOP OF CURB ELEV
BC-XXXX.XX	= BOT OF CURB ELEV
+XX.XX	= STATION
XXXX.XX	= ELEV
XXXX.XX	= SPOT ELEV
X.XX%	= X-SLOPE & DIRECTION

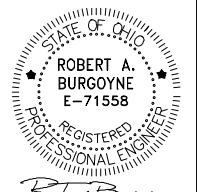




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#71558

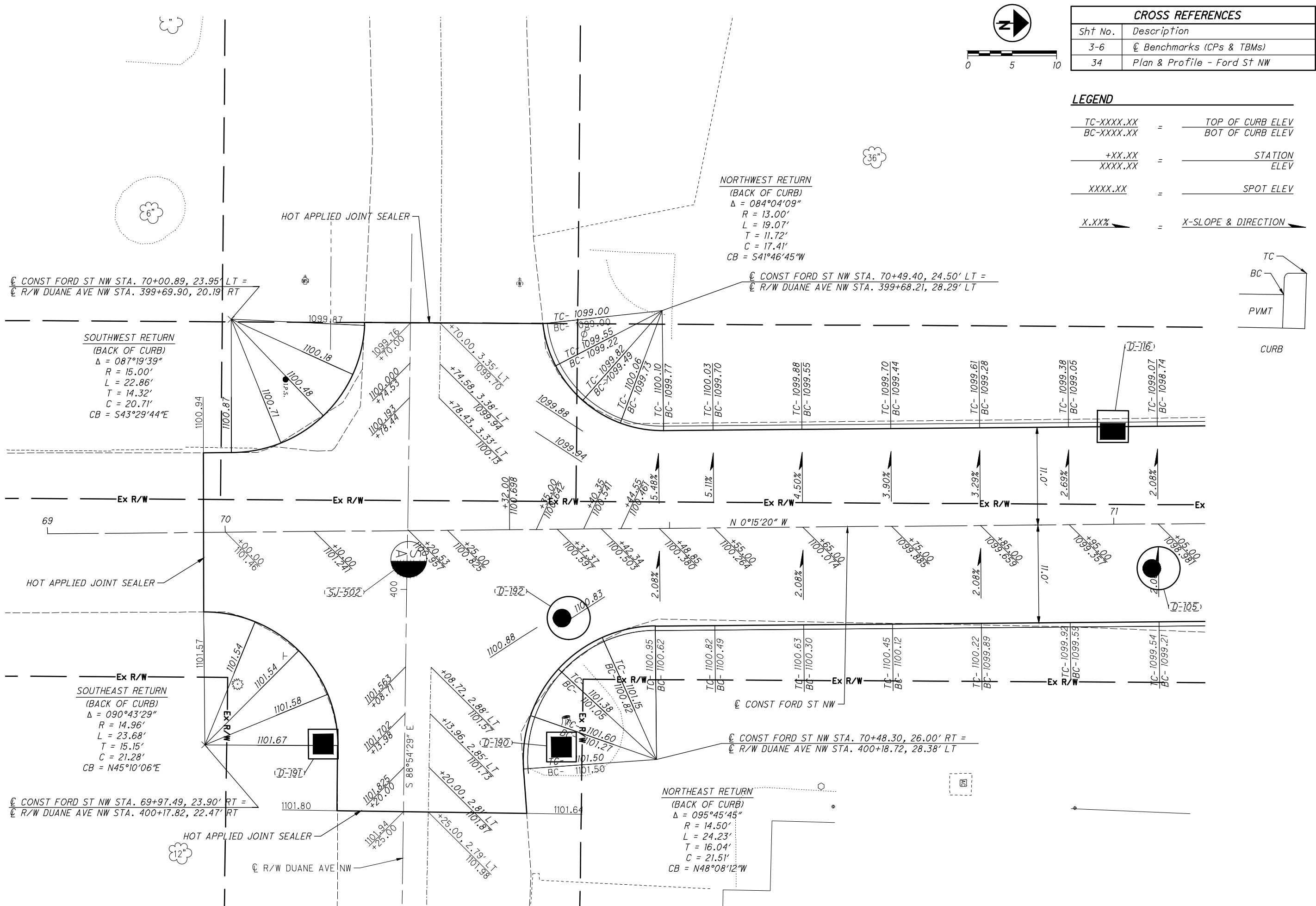
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
INTERSECTION DETAILS
26TH ST NW & SCHULER AVE NW

DATE: 7/18/24
PROJ NUMBER: 220240
ENG: SMC
SHEET: 30602

CITY: MASSILLON
COUNTY: STARK
CAND: CHM
PROJ LEADER: RAB

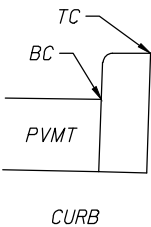
90 of 114

DRAWING PATH: P:\3000_3489\3489222040\3489_Storm\JWW_Area_SS\CDOT\CDM22191\Design\Roadway\Sheet\3062_CDM22.kwg Jul 19, 2024 - 8:56am



CROSS REFERENCES	
Sht No.	Description
3-6	☒ Benchmarks (CPs & TBMs)
34	Plan & Profile - Ford St NW

LEGEND	
TC-XXXX.XX	TOP OF CURB ELEV
BC-XXXX.XX	BOT OF CURB ELEV
+XX.XX	STATION
XXXX.XX	ELEV
XXXX.XX	SPOT ELEV
X.XX%	X-SLOPE & DIRECTION

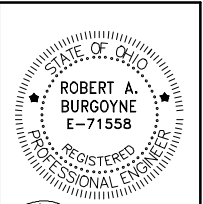




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CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
INTERSECTION DETAILS
FORD ST NW & DUANE AVE NW

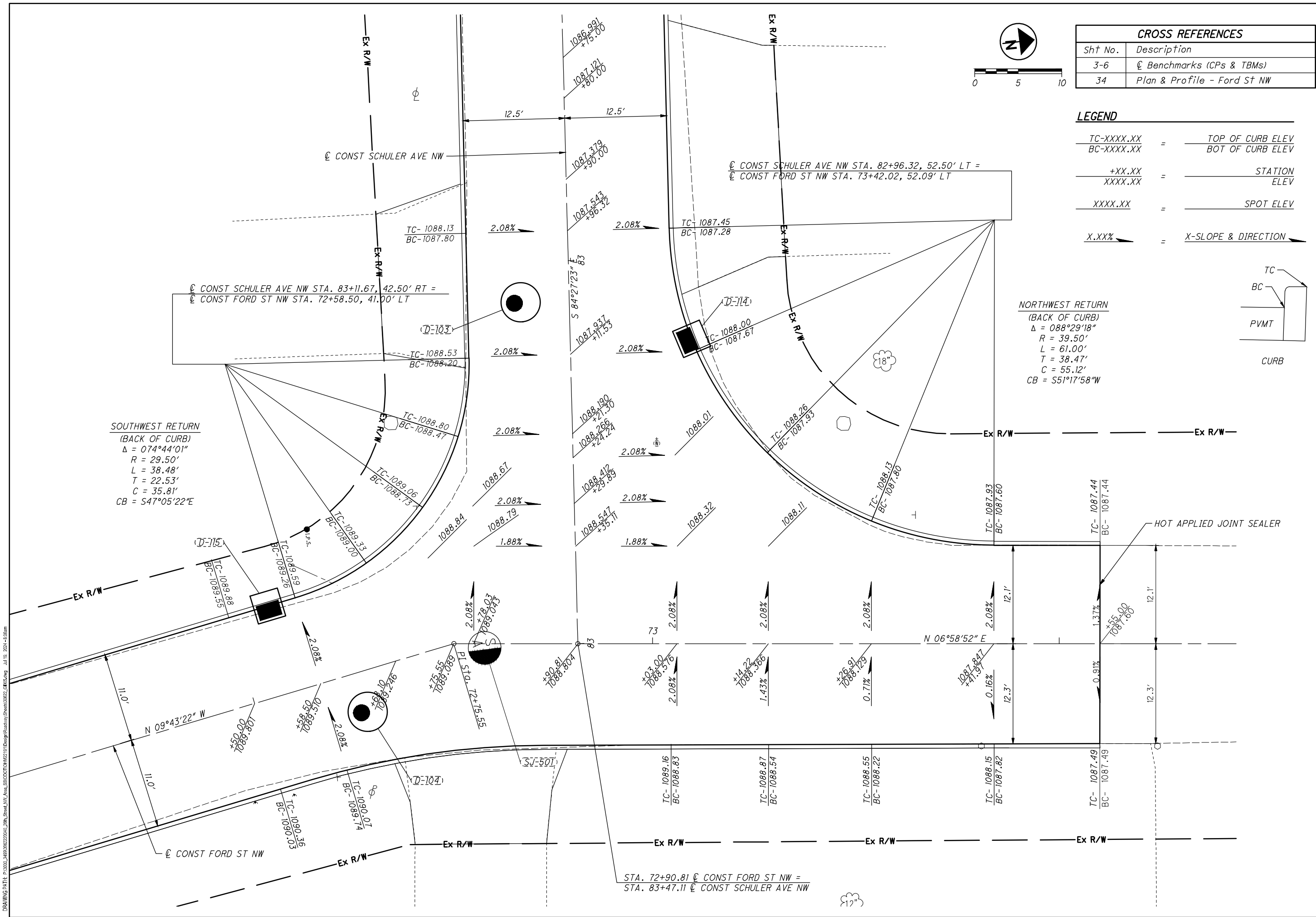
DATE: 7/19/24
PROJ NUMBER: 3489222040
SHEET: 3062

ENG: CDM2
CDOT: CDM22191

CITY: MASSILLON
COUNTY: STARK
CAND: CDM2

CITY/VILLAGE/TOWNSHIP: CDM2

DRAWING PATH: P:\3000_3489\3002\2040_26th_Stred_JNW_Area_SS\000\04\MM2191\Design\Roadway\Sheet\3002_26thSt.dwg Jul 19, 2024 - 8:56am



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#71558

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

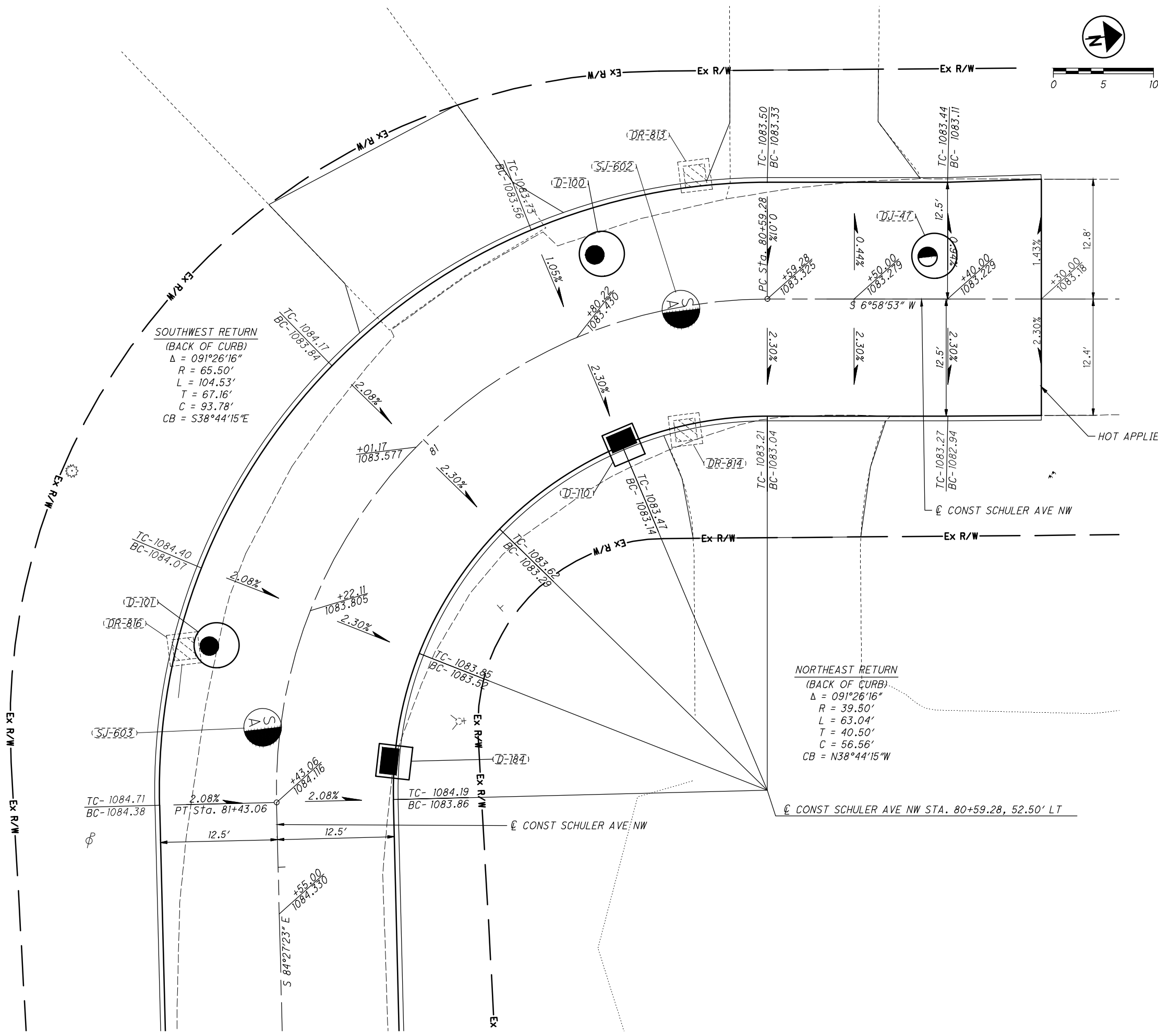
INTERSECTION DETAILS

FORD ST NW & SCHULER AVE NW

92 of 114

DRAWING PATH: P:\3000_3489\3489222040_3489_Storm_JNW_Area_SS\000TOMM2210\Design\Roadway\Sheet\3062_CRM\5.dwg Jul 19, 2024 - 8:27am

1"=5'

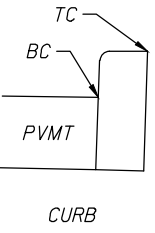


**SOUTHWEST RETURN
(BACK OF CURB)**
 $\Delta = 091^{\circ}26'16''$
 $R = 65.50'$
 $L = 104.53'$
 $T = 67.16'$
 $C = 93.78'$
 $CB = S38^{\circ}44'15''E$

**NORTHEAST RETURN
(BACK OF CURB)**
 $\Delta = 091^{\circ}26'16''$
 $R = 39.50'$
 $L = 63.04'$
 $T = 40.50'$
 $C = 56.56'$
 $CB = N38^{\circ}44'15''W$

CROSS REFERENCES	
Sh# No.	Description
3-6	☒ Benchmarks (CPs & TBMs)
35	Plan & Profile - Schuler Ave NW

LEGEND	
$\frac{TC-XXXX.XX}{BC-XXXX.XX}$	= $\frac{\text{TOP OF CURB ELEV}}{\text{BOT OF CURB ELEV}}$
$\frac{+XX.XX}{XXXX.XX}$	= $\frac{\text{STATION}}{\text{ELEV}}$
$\frac{XXXX.XX}{XXXX.XX}$	= $\frac{\text{SPOT ELEV}}{\text{SPOT ELEV}}$
$\frac{X.XX\%}{X.XX\%}$	= $\frac{\text{X-SLOPE \& DIRECTION}}{\text{X-SLOPE \& DIRECTION}}$





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ROBERT A. BURGOYNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

REVISIONS:

NO.	DATE	DESCRIPTION
1	07/19/2024	ISSUED FOR PERMIT

CITY OF MASSILLON

CITY VILLAGE/TOWNSHIP: CITY OF MASSILLON

COUNTY: STARK

CDNO: 048

PROJ NAME: STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

INTERSECTION DETAILS

SCHULER AVE NW & 26TH ST NW

SHEET: 93 of 114

DRAWING PATH: P:\3000_3489\3489222040_3489_Sheet\JUV_Area_SS\000TOM\211\Design\Drawings\Sheet\3489222040.dwg Jul 19, 2024 - 4:07am

Profile View of A-A NOT USED

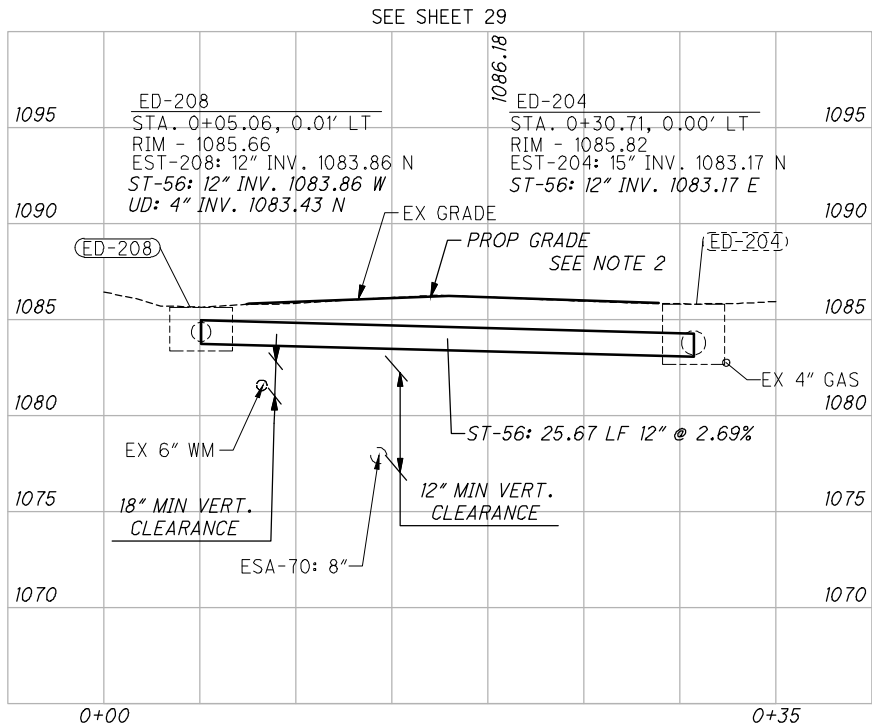
NOTES:

1. TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.
2. CONTRACTOR TO POT HOLE EXISTING GAS MAIN AND NOTIFY THE ENGINEER IF 12" OF CLEARANCE CANNOT BE ACHIEVED WITH THE NEW CATCH BASINS.
3. CONTRACTOR TO POT HOLE EXISTING WATER MAIN AND NOTIFY THE ENGINEER IF 12" OF CLEARANCE CANNOT BE ACHIEVED WITH THE NEW CATCH BASINS.

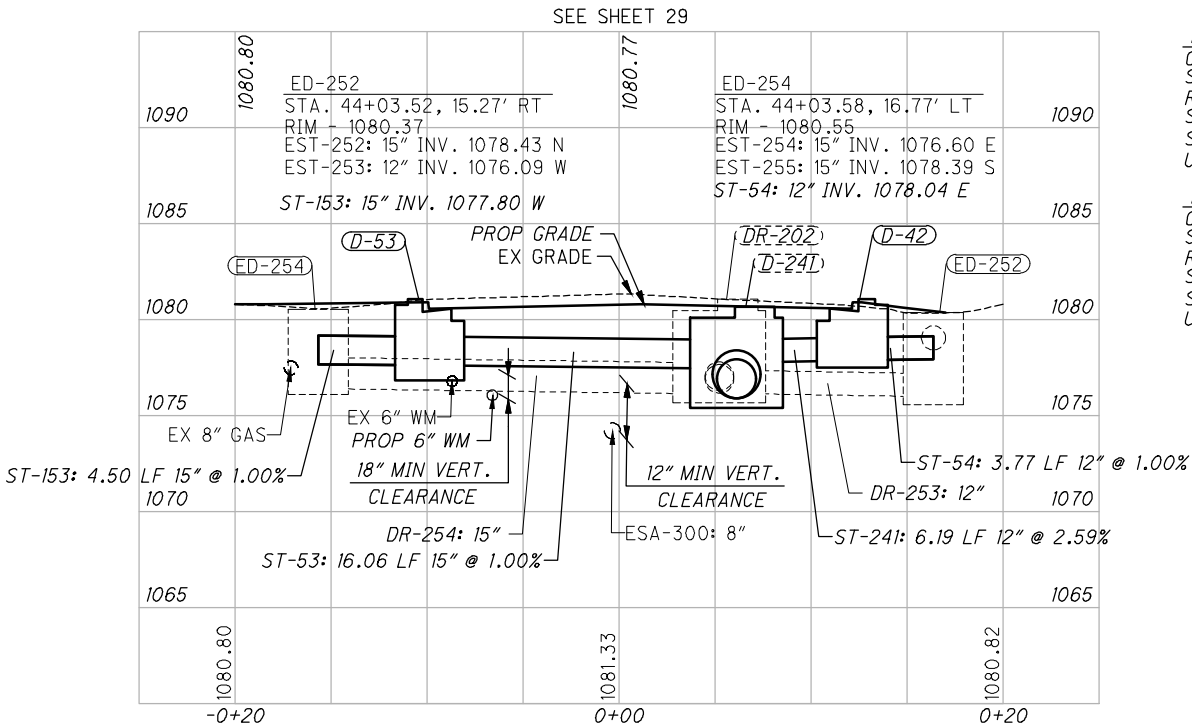
CROSS REFERENCES	
Sh# No.	Description
29	Plan & Profile - 25th St NW

Profile View of B-B NOT USED

Profile View of C-C

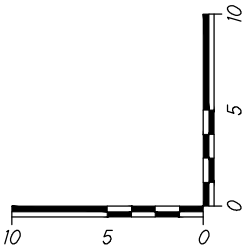


Profile View of D-D



D-42
CB MASS 7031
STA. 44+01.50, 11.00' RT
RIM - 1080.58
ST-241: 12" INV. 1078.00 W
ST-54: 12" INV. 1078.00 E
UD: 4" INV. 1078.23 N/S

D-53
CB MASS 7031
STA. 44+01.60, 11.00' LT
RIM - 1080.56
ST-53: 15" INV. 1077.75 E
ST-153: 15" INV. 1077.75 W
UD: 4" INV. 1078.23 N/S



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#71558

REVISIONS

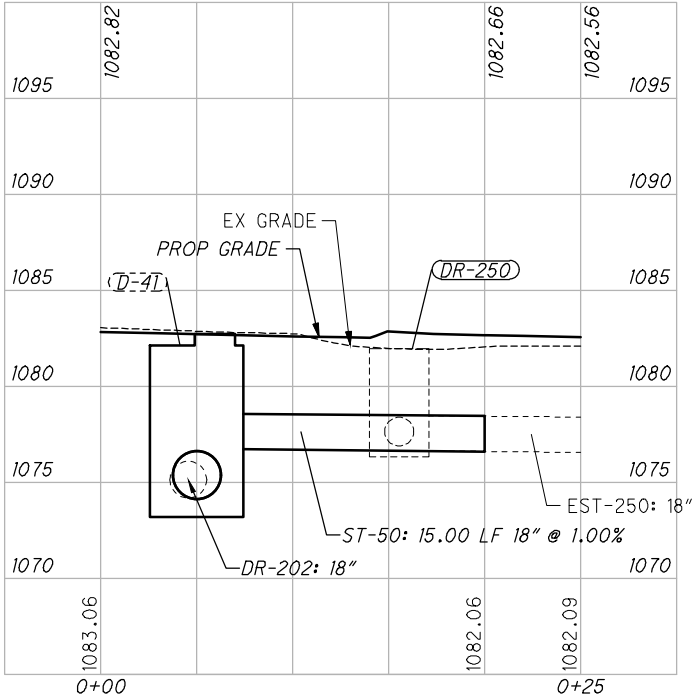
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
STORM SEWER PROFILES

DATE: 7/19/24
PROJECT NUMBER: 3489222040
SHEET: 94 OF 114

DRAWING PATH: P:\3000_3489\3489222040_3489_Sewer\JUV_Area_SS\CD\OT\4\MM21\1\Design\Drawings\Sheet\30622_DPR02.dwg Jul 19, 2024 4:30:38pm

Profile View of E-E

SEE SHEET 30



DR-250

STA. 46+16.01, 17.55' RT
EX. RIM - 1081.95
EST-250: 18" INV. 1076.83 E
EST-251: 18" INV. 1076.90 S

D-41

MASS MH TYPE 3 (48" BASE)
STA. 46+16.00, 7.00' RT
RIM - 1082.72
ST-41: 30" INV. 1074.13 N
ST-50: 18" INV. 1076.94 E
ST-42: 30" INV. 1074.13 S

NOTES:

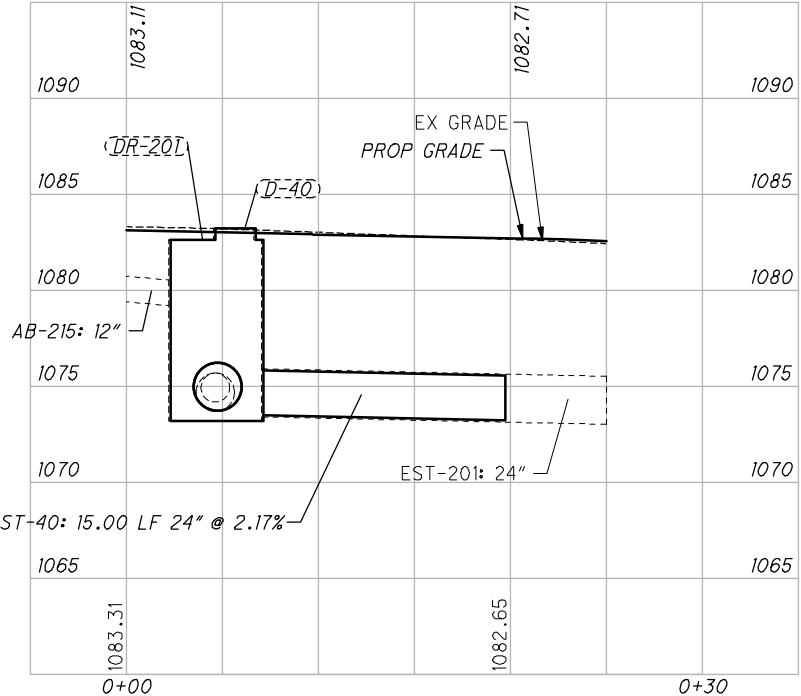
1. TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.

CROSS REFERENCES

Sht No.	Description
30	Plan & Profile - 25th St NW
31-32	Plan & Profile - Duane Ave NW

Profile View of F-F

SEE SHEET 30



DR-201

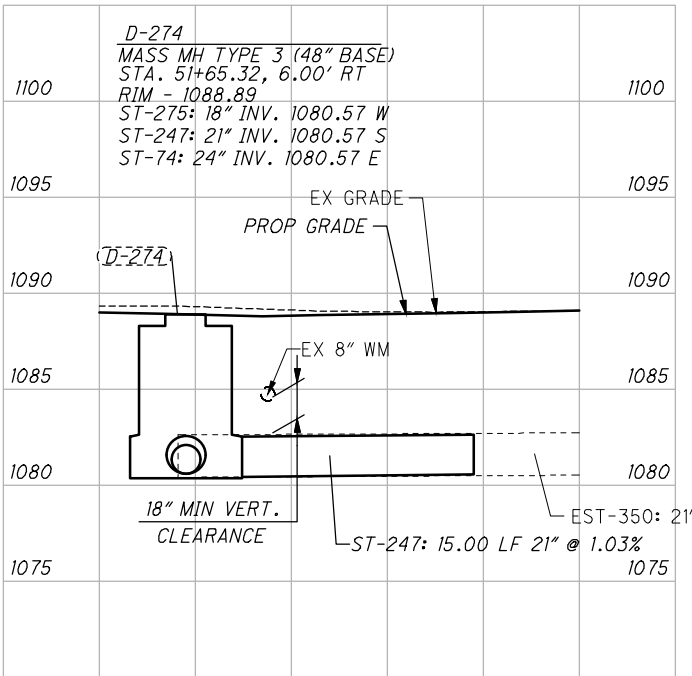
STA. 46+40.13, 6.90' RT
EX. RIM - 1083.22
EST-201: 24" INV. 1073.72 E
EST-300: 24" INV. 1073.70 N
EST-215: 12" INV. 1079.17 W
EST-202: 18" INV. 1074.19 S

D-40

MASS MH TYPE 3 (60" BASE)
STA. 46+40.00, 7.00' RT
RIM - 1083.21
ST-70: 30" INV. 1073.72 N
ST-41: 30" INV. 1073.72 S
ST-40: 24" INV. 1073.72 E

Profile View of G-G

SEE SHEET 31

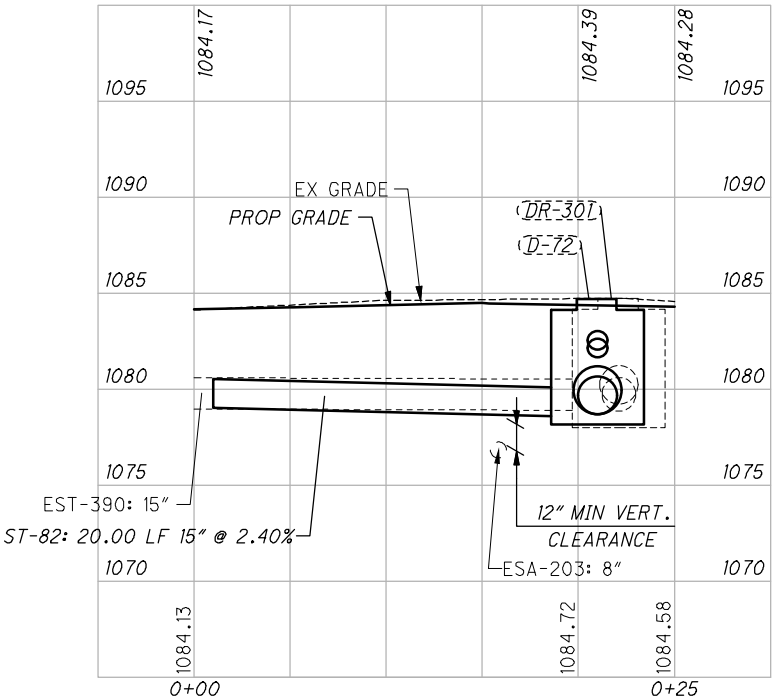


D-274

MASS MH TYPE 3 (48" BASE)
STA. 51+65.32, 6.00' RT
RIM - 1088.89
ST-275: 18" INV. 1080.57 W
ST-247: 21" INV. 1080.57 S
ST-74: 24" INV. 1080.57 E

Profile View of H-H

SEE SHEET 32

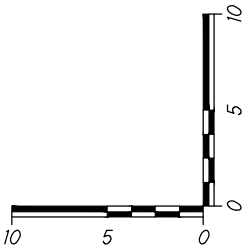


D-72

MASS MH TYPE 3 (48" BASE)
STA. 0+20.99, 0.47' LT
RIM - 1084.71
ST-82: 15" INV. 1078.68 N
ST-72: 30" INV. 1078.68 E
ST-73: 12" INV. 1081.64 NW
ST-74: 24" INV. 1078.68 W
ST-84: 12" INV. 1082.04 W

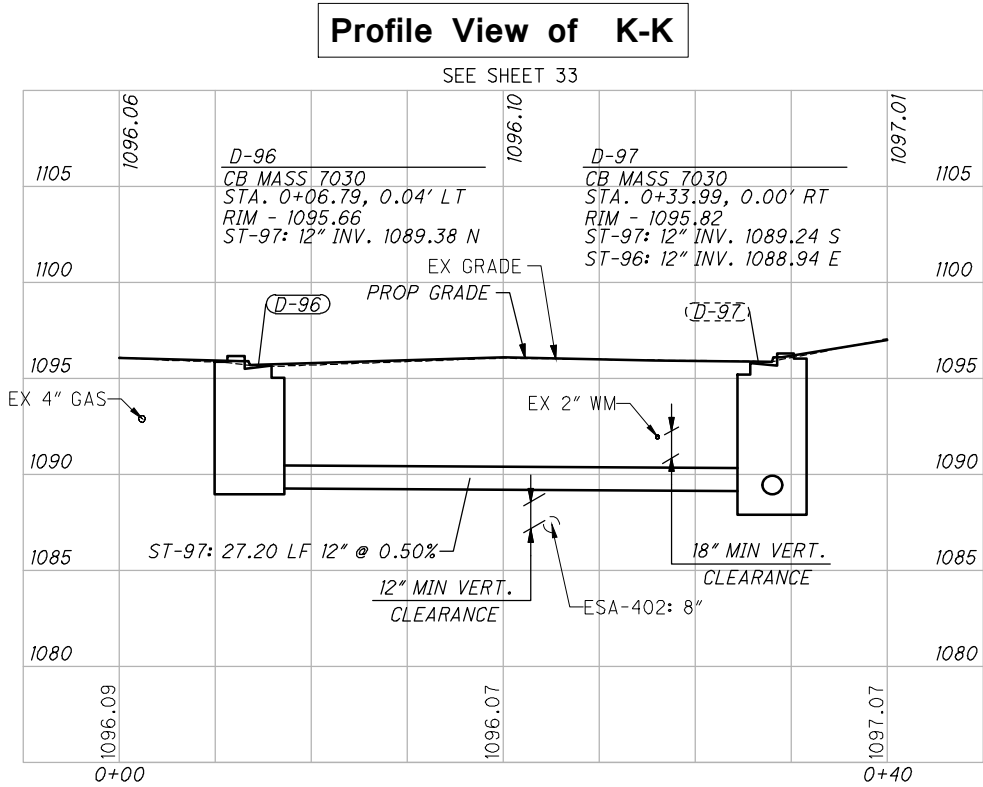
DR-301

STA. 0+22.11, 0.02' RT
EX. RIM - 1084.74
EST-301: 24" INV. 1079.24 E
EST-302: 21" INV. 1078.86 W
EST-390: 15" INV. 1079.08 N



DRAWING PATH: P:\3000_3489\06222040_26th_St\Draw_JUV_Area_SS\000TOMM211\Design\Drainage\Sheet\0622_DProfile.dwg Jul 19, 2024 4:03am

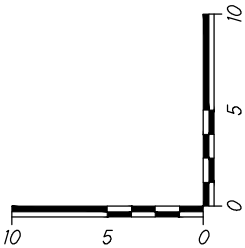
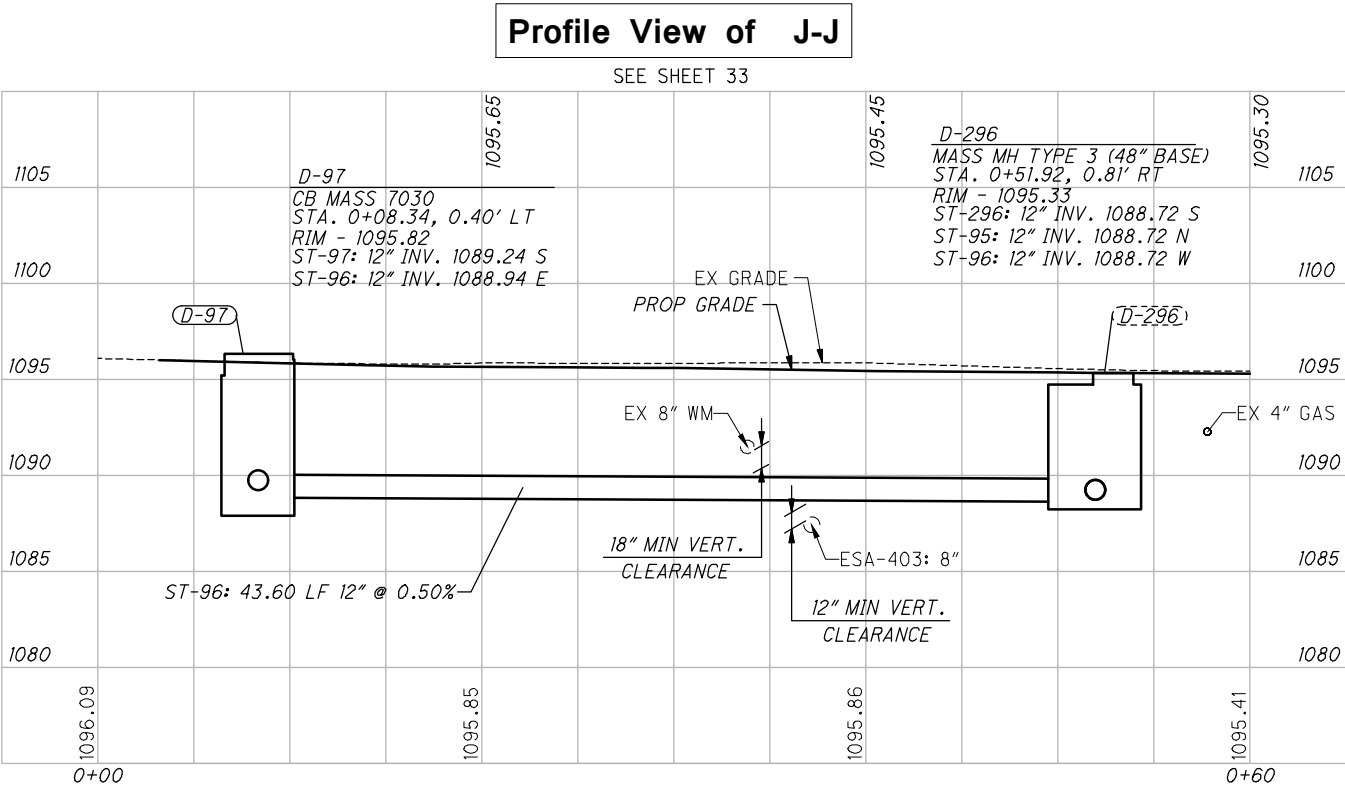
Profile View of I-I NOT USED



NOTES:

1. TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.

	CROSS REFERENCES
Sh# No.	Description
33	Plan & Profile - 26th St NW



ARCHITECTS ENGINEERS PLANNERS

388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

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STATE OF OHIO

ROBERT A. BURGOWNE
E-71558

REGISTERED PROFESSIONAL ENGINEER

Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

DATE	PROJ NUMBER	ENG	PROJ LEADS	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	3489-0622040	SS	SS	SS	STARK	CITY OF MASSILLON

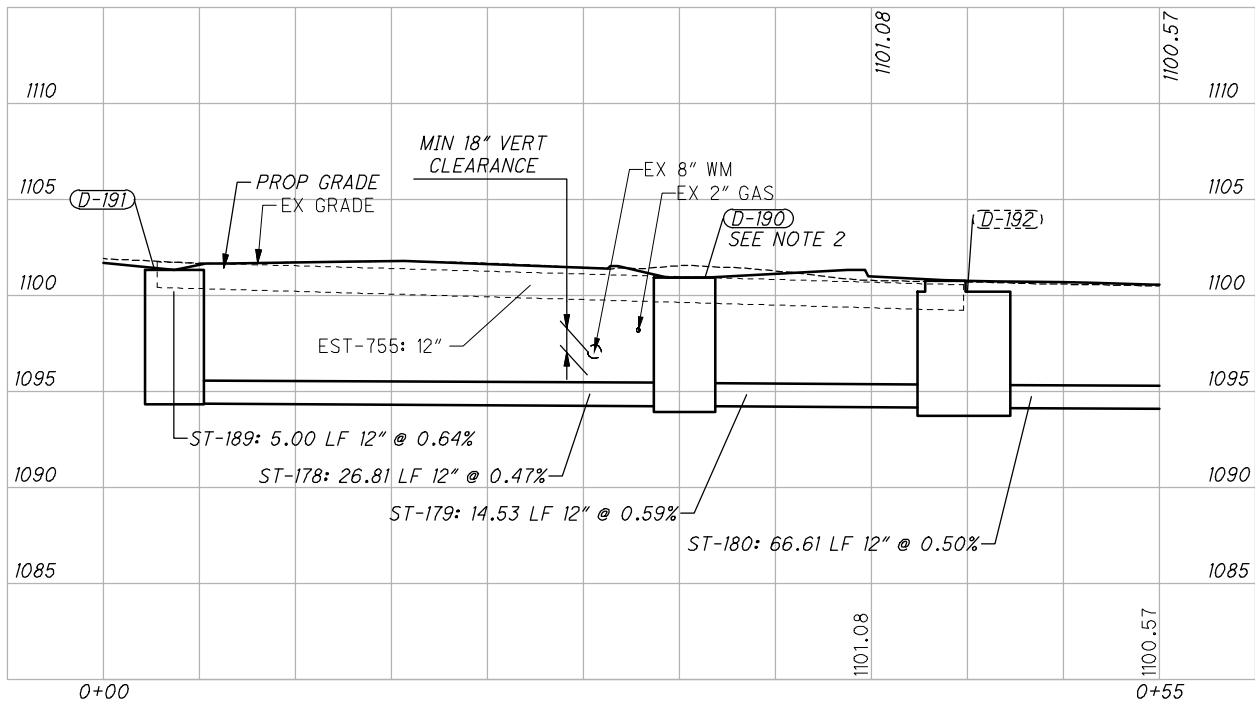
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
STORM SEWER PROFILES

96 of 114

DRAWING PATH: P:\3000_3489\3489222040_3489_Storm_Inv_Area_SS\000TOMM211\Design\Drawings\Sheet\3489222040.dwg Jul 19, 2024 4:43:08am

Profile View of L-L

SEE SHEET 34



D-190
CB MASS 5630
STA. 70+37.62, 24.50' RT
RIM - 1100.96
ST-178: 12" INV. 1094.35 S
ST-179: 12" INV. 1094.35 W

D-191
CB MASS 5630
STA. 70+10.81, 23.92' RT
RIM - 1101.35
ST-178: 12" INV. 1094.48 N
ST-189: 12" INV. 1099.69 E

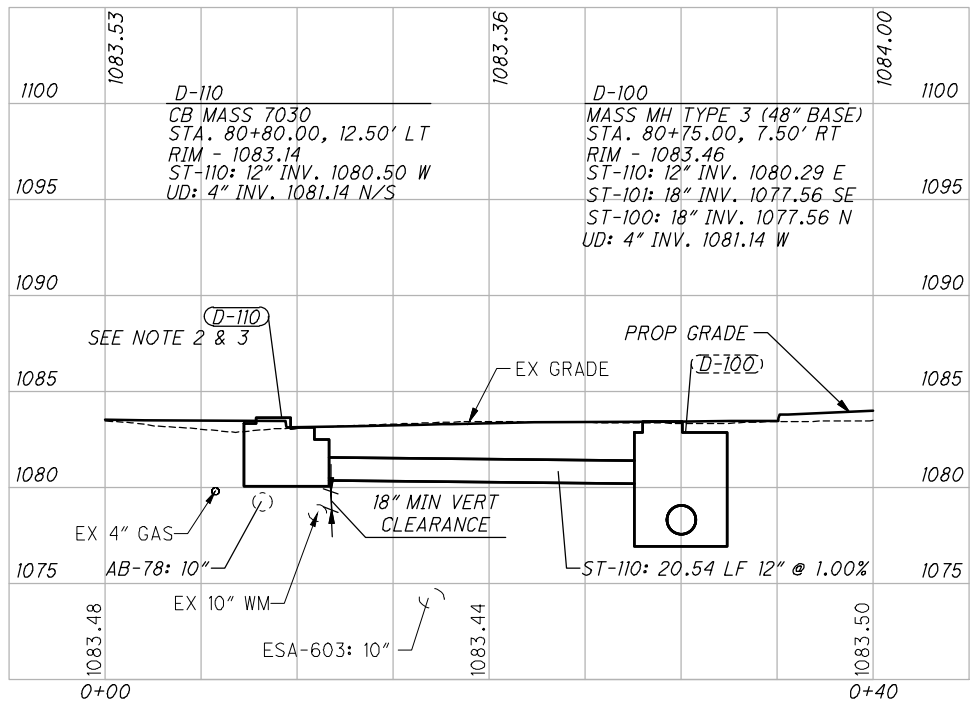
D-192
MASS MH TYPE 3 (48" BASE)
STA. 70+38.56, 10.00' RT
RIM - 1100.79
ST-179: 12" INV. 1094.26 E
ST-180: 12" INV. 1094.26 N

NOTES:

1. TIE INTO EXISTING STORM SYSTEM PER DETAILS ON SHEET 100.
2. CONTRACTOR TO POT HOLE EXISTING GAS MAIN AND NOTIFY THE ENGINEER IF 12" OF CLEARANCE CANNOT BE ACHIEVED WITH THE NEW CATCH BASINS.
3. CONTRACTOR TO POT HOLE EXISTING WATER MAIN AND NOTIFY THE ENGINEER IF 12" OF CLEARANCE CANNOT BE ACHIEVED WITH THE NEW CATCH BASINS.

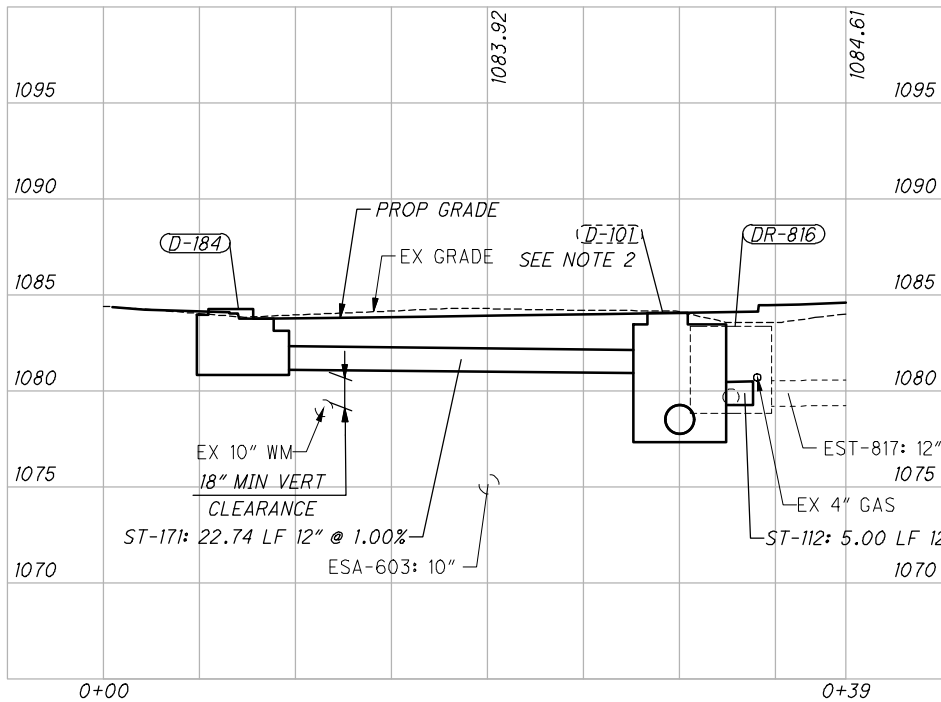
Profile View of M-M

SEE SHEET 35



Profile View of N-N

SEE SHEET 35



D-184
CB MASS 7030
STA. 81+37.75, 12.50' LT
RIM - 1083.77
ST-171: 12" INV. 1081.25 SW
UD: 4" INV. 1081.54 E/W

D-101
MASS MH TYPE 3 (48" BASE)
STA. 81+28.24, 8.41' RT
RIM - 1084.07
ST-102: 18" INV. 1077.77 E
ST-101: 18" INV. 1077.77 NW
ST-112: 12" INV. 1079.34 S
ST-171: 12" INV. 1081.02 NE

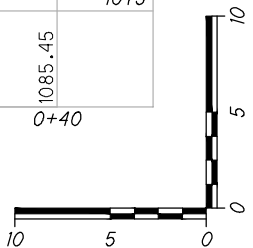
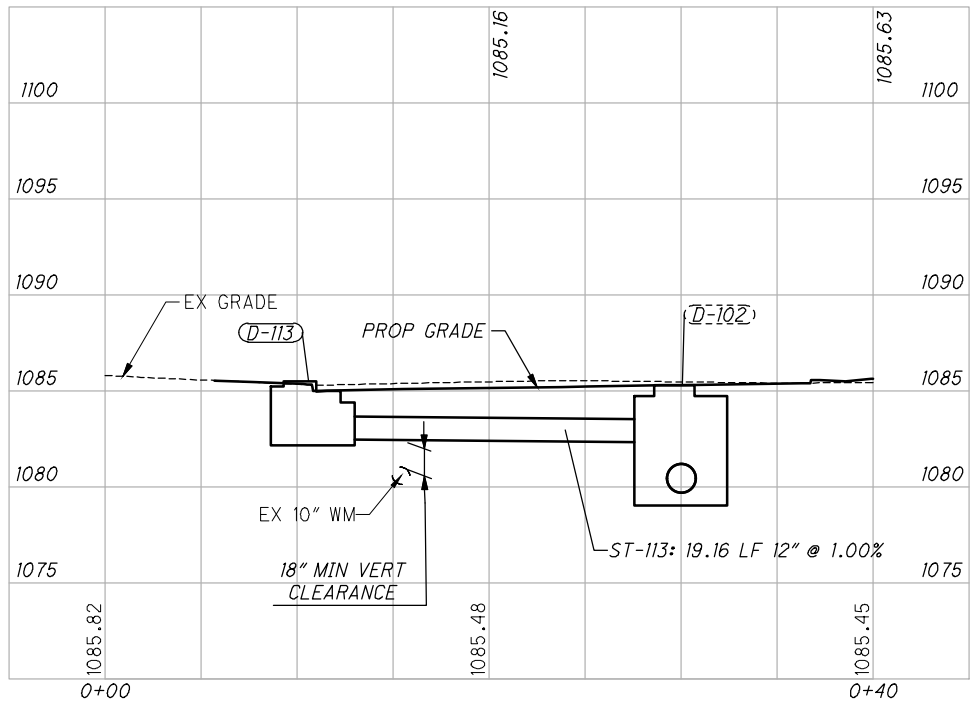
DR-816
STA. 81+29.28, 11.68' RT
EX. RIM - 1083.38
EST-817: 12" INV. 1079.34 S
EST-78: 10" INV. 1079.28 N

D-102
MASS MH TYPE 3 (48" BASE)
STA. 82+00.00, 6.00' RT
RIM - 1085.31
ST-103: 18" INV. 1079.69 E
ST-102: 18" INV. 1079.69 W
ST-113: 12" INV. 1082.41 N
UD: 4" INV. 1083.10 S

D-113
CB MASS 7030
STA. 82+05.00, 12.50' LT
RIM - 1085.02
ST-113: 12" INV. 1082.60 S
UD: 4" INV. 1083.10 E/W

Profile View of O-O

SEE SHEET 35



CROSS REFERENCES

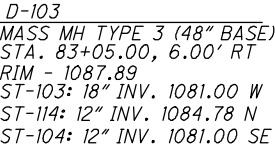
Sh# No.	Description
34	Plan & Profile - Ford St NW
35	Plan & Profile - Schuler Ave NW

DATE	PROJ NUMBER	ENG	PROJ MGR	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/18/24	305220040	COO	RAB	CHM	STARKS	CITY OF MASSILLON

CITY OF MASSILLON

STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

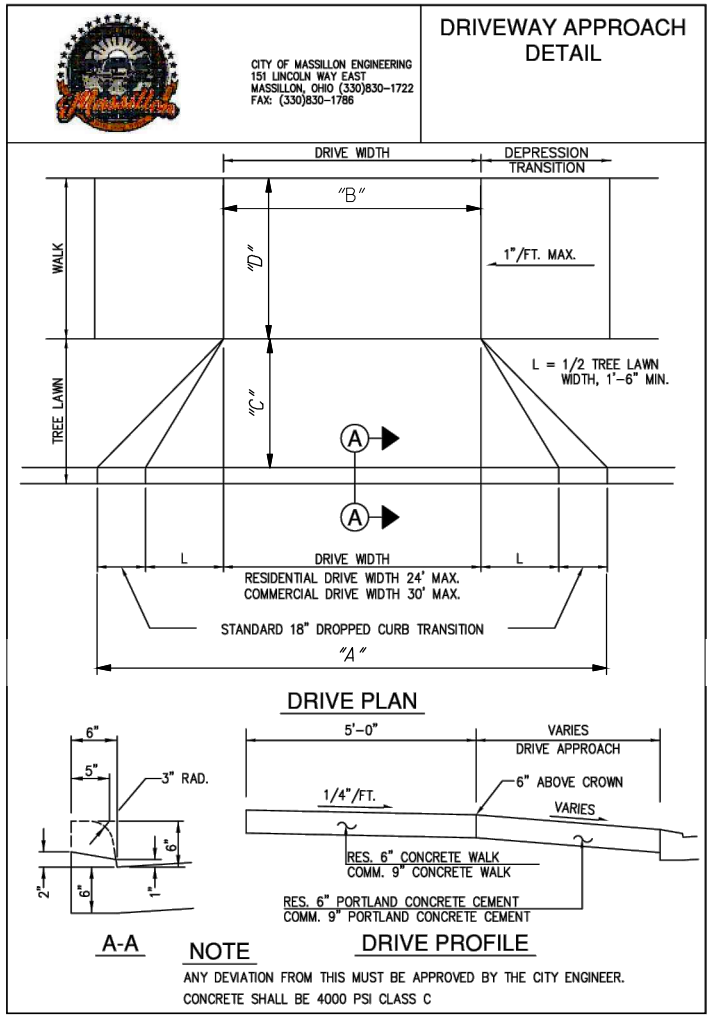
STORM SEWER PROFILES



D-114
CB MASS 7030
STA. 83+10.00, 14.91' LT
RIM - 1087.50
ST-114: 12" INV. 1085.00 S
UD: 4" INV. 1085.25 E/W

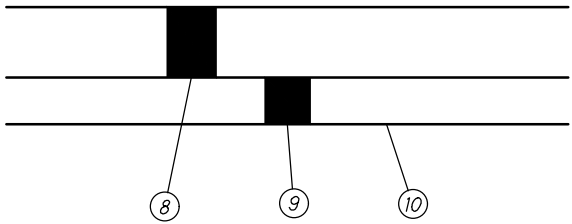
D-103
MASS MH TYPE 3 (48" BASE)
STA. 83+05.00, 6.00' RT
RIM - 1087.89
ST-103: 18" INV. 1081.00 W
ST-114: 12" INV. 1084.78 N
ST-104: 12" INV. 1081.00 SE

DRAWING PATH: P:\3030_3489\3062\22040_30m_Sheet\JUV_Area_SS\CDOT\CDM\22191\Design\Roadway\Sheet\3062_CD000.dwg Jul 18, 2024 - 4:03pm



CONCRETE DRIVE SECTION VIEW

(SEE DRIVE DETAILS PLAN VIEW FOR DRIVE DIMENSIONS)



ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, MISC.: CONCRETE DRIVE

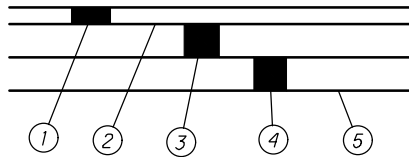
- 8 ITEM 452 6" FIBER-REINFORCED PORTLAND CEMENT CONCRETE, CLASS MS (RESIDENTIAL DRIVE)
- 8 ITEM 452 9" FIBER-REINFORCED PORTLAND CEMENT CONCRETE, CLASS MS (COMMERCIAL DRIVE)
- 9 ITEM 304 4" AGGREGATE BASE
- 10 ITEM 204 SUBGRADE COMPACTION

NOTES:

- ALL COSTS FOR ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, MISC.: CONCRETE DRIVE SHALL BE INCLUDED IN THE UNIT COST BID FOR ITEMS 8-10 (INCLUDING SAWCUT, REMOVAL OF EXISTING PAVEMENT, JOINT SEALING, AND ALL ITEMS SHOWN). ALL REPLACEMENTS TO BE A MINIMUM OF 2' WIDE OR TO THE NEAREST JOINT.
- THE FIBER MIX DOSAGE RATE SHALL BE 2 LB/CY. MICRO FIBER REINFORCEMENT IS ACCEPTABLE.

ASPHALT DRIVE SECTION VIEW

(SEE DRIVE DETAILS PLAN VIEW FOR DRIVE DIMENSIONS)



ITEM 441 - ASPHALT CONCRETE, MISC.: ASPHALT DRIVE

- 1 ITEM 441 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (RESIDENTIAL DRIVES)
- 2 ITEM 407 TACK COAT (APPLIED @ 0.05 GAL/SY)
- 3 ITEM 441 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (RESIDENTIAL DRIVES)
- 4 ITEM 304 6" AGGREGATE BASE (RESIDENTIAL DRIVES)
- 5 ITEM 204 SUBGRADE COMPACTION

NOTES:

- ALL COSTS FOR ITEM 441 - ASPHALT CONCRETE, MISC.: ASPHALT DRIVE SHALL BE INCLUDED IN THE UNIT COST BID FOR ITEMS 1-5 (INCLUDING SAWCUT, REMOVAL OF EXISTING PAVEMENT, JOINT SEALING, AND ALL ITEMS SHOWN). ALL REPLACEMENTS TO BE A MINIMUM OF 2' WIDE OR TO THE NEAREST JOINT.

DRIVE DIMENSIONS TABLE 1							
SHT	DV#	A	B	C	D	S.Y.	MATERIAL
23	101	26.7	17.5	8.5		21	CONCRETE
	103A	26	22	5.2	2.8	21	CONCRETE
	103B	20.3	12.5	7.8		15	CONCRETE
	104	22.3	19.2	5	2.8	18	CONCRETE
	129A	32.3	18.6	9		26	CONCRETE
	129B	25	13.8	9.2		20	CONCRETE
24	105	23.7	20.7	5	2.7	19	CONCRETE
	106	26	20	5	2.7	19	CONCRETE
	107	20	14.5	5	2.5	14	CONCRETE
	108	15.2	11	8		12	CONCRETE
	109	15.4	10.8	8.2		12	CONCRETE
	110	17.7	11	8.4		14	CONCRETE
	124	23.5	20	5	3.6	21	CONCRETE
	126	24.8	21.7	5	4.5	24	CONCRETE
	128	15	12	5	4.3	14	CONCRETE
25	111	13	9.5	5	3.6	11	CONCRETE
	112	12	9	5.8	3	10	CONCRETE
	113	19.8	12.5	5	3.3	14	CONCRETE
	114	16.8	12.1	5	4.5	15	CONCRETE
	115	19.4	16	5	4.8	19	CONCRETE
	116	20.5	16	5	5.2	20	CONCRETE
	121	17.6	11.8	7		12	CONCRETE
	122A	23.5	17.3	7		16	CONCRETE
	122B	14.5	9.6	7.5		11	CONCRETE
	123	20.6	12	8.2		15	CONCRETE
27	302	25.3	22.1	8.7		23	CONCRETE
	303	25.6	19	3.5	5.5	21	CONCRETE
28	402	37.8	20.4	8.2		27	ASPHALT
	401	35.3	32	3.5	6.2	36	CONCRETE
29	403	22.5	10.8	11.4		22	CONCRETE
	404	28.9	21.7	8.2	2.7	30	CONCRETE
	406	19.9	16.9	6.4	3.5	20	CONCRETE
	407	9.8	7.2	7.9	1.8	9	CONCRETE
TOTAL TABLE 1 CONC. DRIVE AREA CARRIED TO TABLE 2							574 SY
TOTAL ASPHALT DRIVE AREA CARRIED TO GENERAL SUMMARY							27 SY

DRIVE DIMENSIONS TABLE 2							
SHT	DV#	A	B	C	D	S.Y.	MATERIAL
29	419	31.4	25.4	7.4		24	CONCRETE
	420	13.9	10.9	6.6		10	CONCRETE
	421	14.3	11.3	6.2		9	CONCRETE
	422	14.6	10	5.7		8	CONCRETE
30	408	15	12	9		14	CONCRETE
	409	20.7	17.7	3	5	17	CONCRETE
	411	14	11	7.2		10	CONCRETE
	414	20.8	12	7.2	14.3	33	CONCRETE
	416	14.5	9.2	8.5		12	CONCRETE
	417	16.6	9.8	7.8		12	CONCRETE
31	502	20	15.2	5	4.5	18	CONCRETE
	506	24.5	21.5	5.2	5.7	27	CONCRETE
32	503	17.7	11.4	5.1	4.6	15	CONCRETE
	504	24.1	20.1	5	4.4	23	CONCRETE
	412	41.6	33	5.3	4.8	40	CONCRETE
	505	20	16	5.5	4.5	19	CONCRETE
33	601	23.8	18.7	7.1	9.8	38	CONCRETE
	602	17.4	9.9	5.7	13.4	24	CONCRETE
	605	24	19.4	5	4.2	22	CONCRETE
	606	14.5	11.2	5	7.2	17	CONCRETE
	502	20	15.2	4.6	5	18	CONCRETE
29	703	20	16.9	5	5.3	21	CONCRETE
	704	22.6	17.2	10.2		23	CONCRETE
	709	33.7	26	11.4	1.9	44	CONCRETE
	711	21	17.2	5.4	6	23	CONCRETE
	712	19.7	16.3	5	3.5	17	CONCRETE
	713	15.1	10.1	5.1	1.4	9	CONCRETE
30	705	19.8	15.3	5	8.1	24	CONCRETE
	706	25.3	22.8	4.2	10.7	39	CONCRETE
	707	22.7	16	6	5.6	23	CONCRETE
	708	23.7	18	6	7	28	CONCRETE
TOTAL TABLE 2 CONC. DRIVE AREA							661 SY
TOTAL TABLE 1 CONC. DRIVE AREA							574 SY
TOTAL CONC. DRIVE AREA CARRIED TO GENERAL SUMMARY							1235 SY

ARCHITECTS ENGINEERS PLANNERS

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AKRON, OH 44311
330.913.1080

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Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

CITY/VILLAGE/TOWNSHIP: CDM
COUNTY: CDM
CITY OF MASSILLON

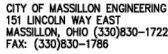
DATE: 7/18/24
PROJECT NUMBER: 30622040
SHEET: 20404

ENG: RAB
CD: RAB

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

DRIVE DETAILS

99 of 114



CITY OF MASSILLON ENGINEERING
151 LINCOLN WAY EAST
MASSILLON, OHIO (330)830-1722
FAX: (330)830-1786

Technical drawing of a mechanical part with dimensions: 8", 24" dia., 8", 5", and 48" dia.

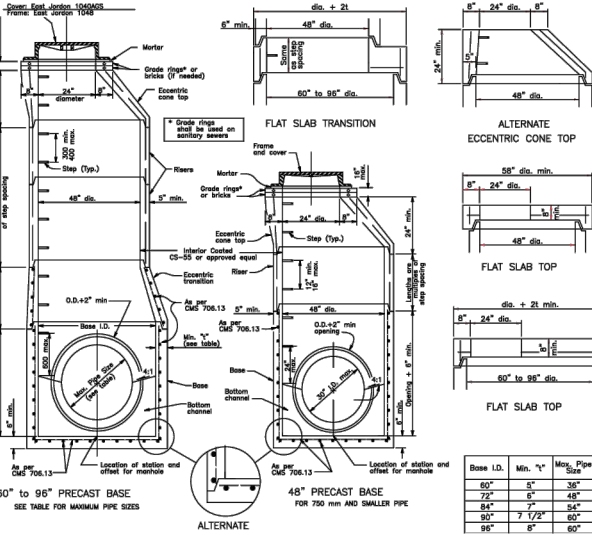


Diagram illustrating a cross-section of a manhole structure. The structure is circular and composed of brick or split pipe sections. The central opening is labeled "Brick or split pipe". The surrounding structure is labeled "Formed concrete".

GENERAL: With normal soil and site conditions this standard precast manhole may be used for any required depth.

Sections of the precast manholes shall be cast and assembled with either all large or all grove ends. The following holes may be provided in each section for handling.

TOP AND TRANSITION (OR REDUCER): This section shall be a flat slab unless an eccentric cone is specified.

BASE: Manhole No. 3 is shown with a monolithic floor and rear which may be cast in one or two operations. A permeable elastomer is to coat and bond the bottom and side walls. A concrete or brick and outlet pipes shall be provided, either when required.

Bottom channels may be formed of concrete, precast in the base or field constructed as shown

RISER SECTIONS: Openings for 18" and smaller inlet pipes may be either precast, or cut in the wall. The side access door at the springline does not project into the manhole.

CONNECTIONS: Connections between precast sections and pipes on sanitary sewers may with resilient connectors conforming to ASTM

JOINT SEAL: Seal between precast manholes on sanitary sewers shall be resilient and field gasket joints per CMS 706.11.

MATERIALS: Materials for bases and other sections, including reinforcement not specify shall comply with the requirements of CMS

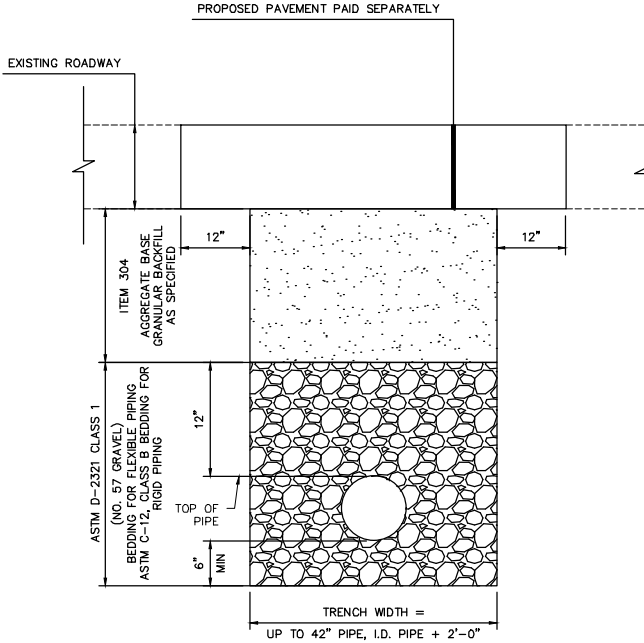
DROP PIPE: When specified on the plans, shall be constructed as shown on MH-3.11M

STEPS, FRAMES AND COVERS: Shall con the requirements set forth on MH-1.11M.

DROP PIPE: When specified on the plans, shall be constructed as shown on MH-3.1M.

STEPS, FRAMES AND COVERS: Shall conform to the requirements set forth on MH-1.1M.

1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
1.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22	
EXISTING ROADWAY	7" ASPHALT CONCRETE BASE, PG64-22



1) ALL MATERIAL AND LABOR TO PERFORM THE PROPER INSTALLATION OF TYPE ITEM 611 12" CONDUIT, TYPE B, AS PER PLAN SHALL BE INCLUDED IN THE UNIT PRICE BID. THIS INCLUDES BUT NOT LIMITED TO THE REMOVAL OF EXISTING STRUCTURES, CONDUIT, ROADWAY, CURB, CONCRETE, INSTALLATION OF BEDDING, BACKFILL, JOINT SEALER FERNCO, CLASS C CONCRETE, ASPHALT, BRICK, CONCRETE COLLAR, AND CURBING.

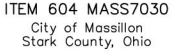


DRAWING NAME:
.....DWG

CITY NUMBER:
13st01

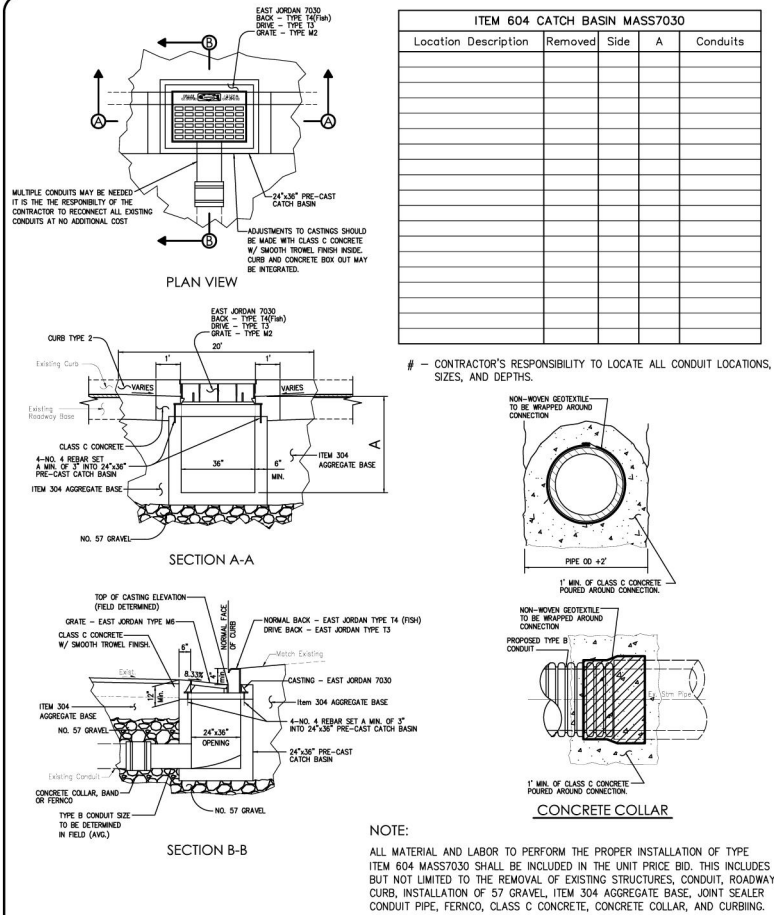
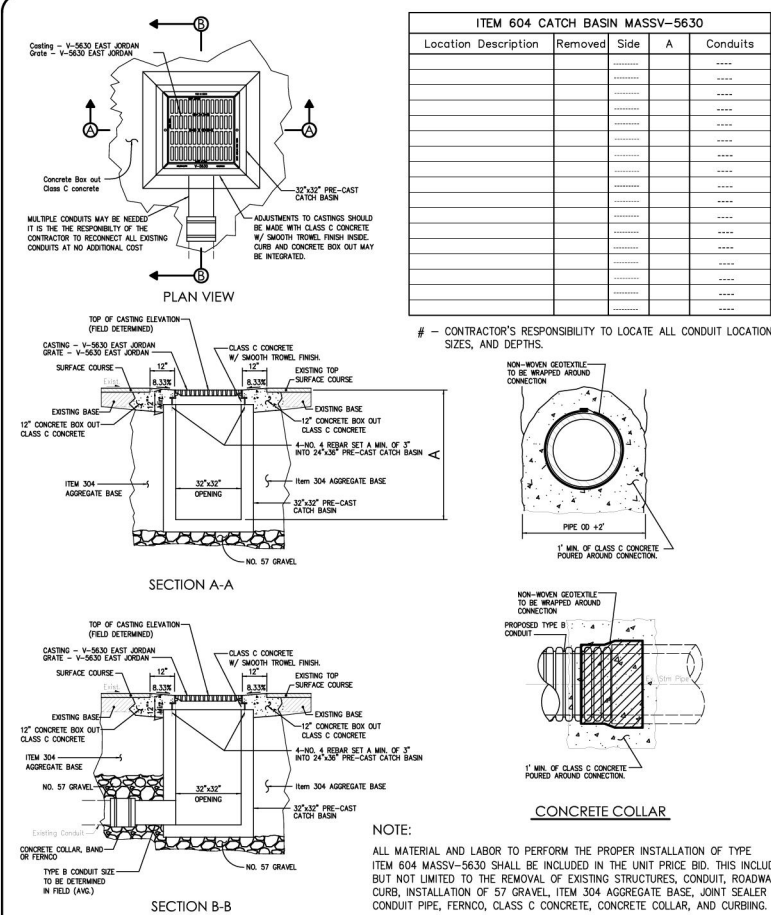
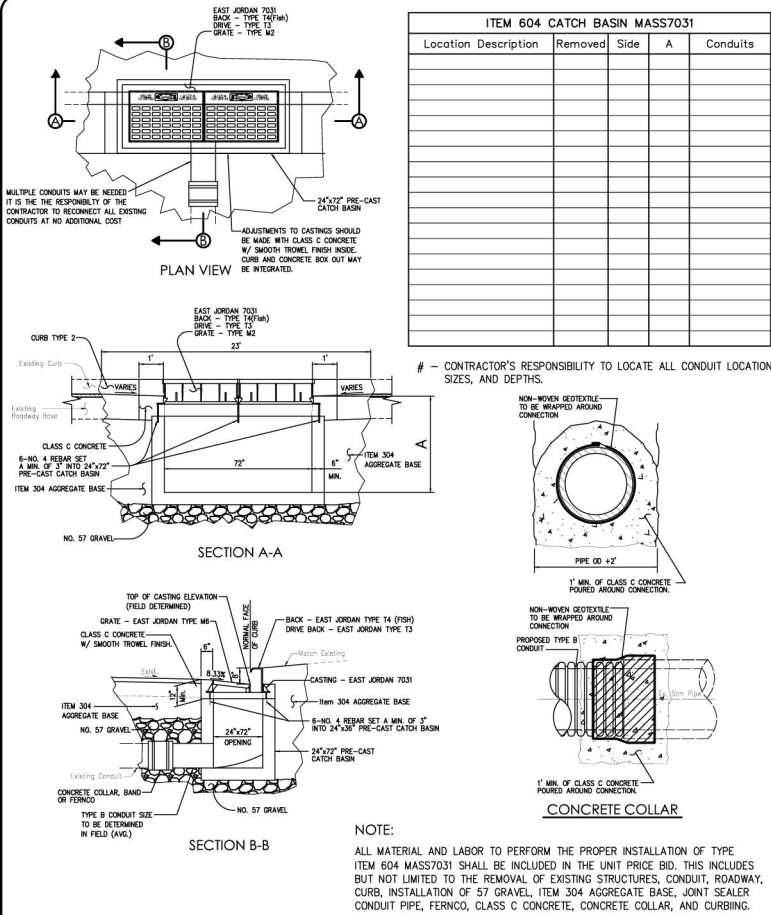


DRAWING NAME:
CITY NUMBER:
13st01



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.....DWG

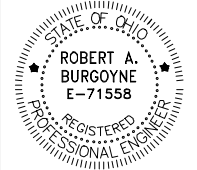
CITY NUMBER:
13st01



ARCHITECTS ENGINEERS PLANNERS

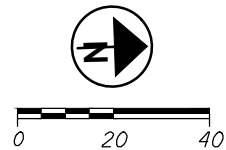
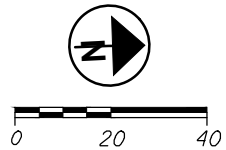
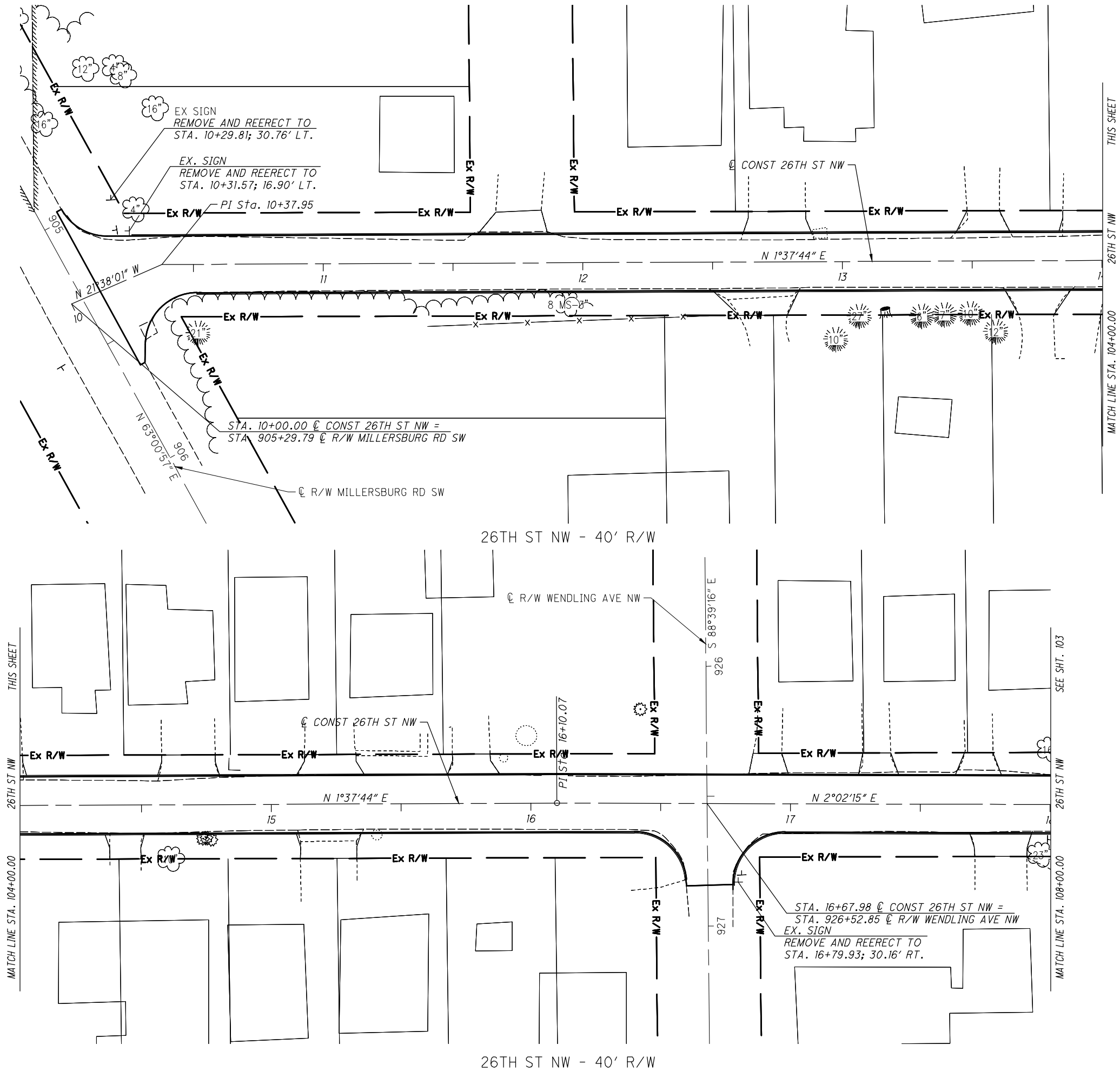
388 S. MAIN ST., SUITE 301
AKRON, OH 44311
330.913.1080

OHM-ADVISORS.COM

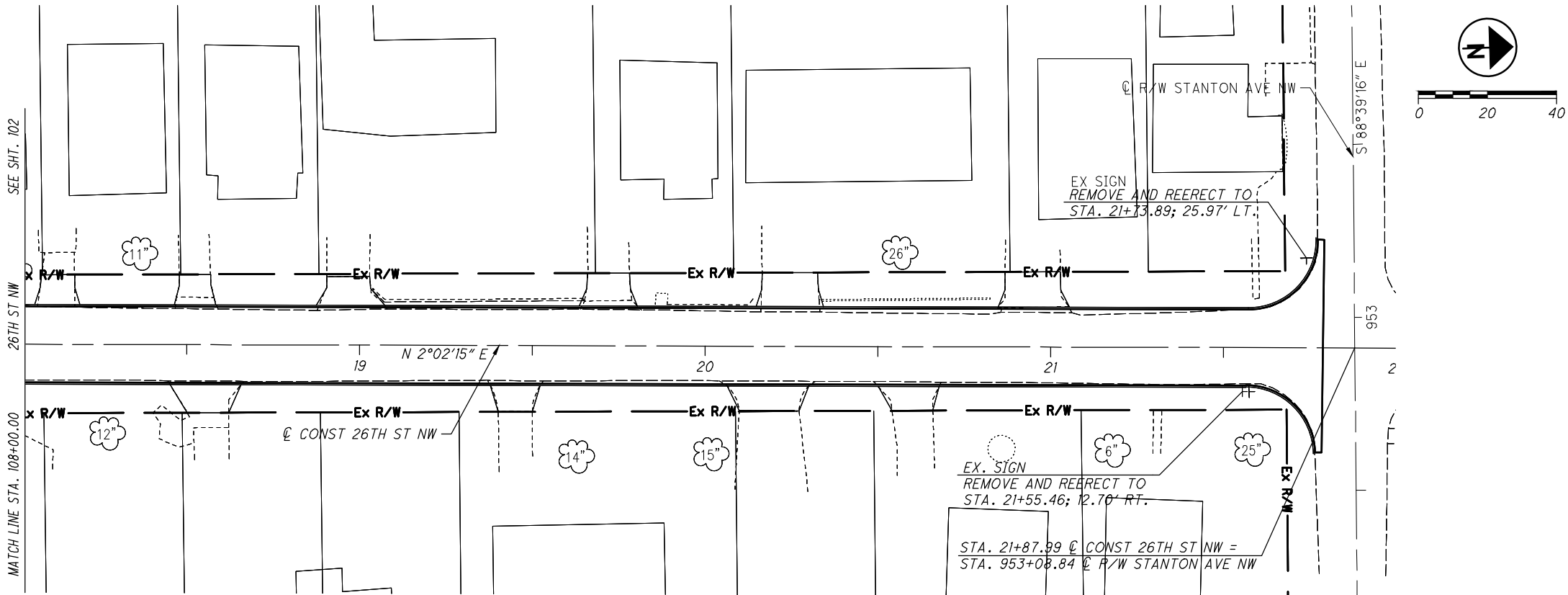


Robert A Burgoyne, PE
Ohio Professional Engineer
#71558

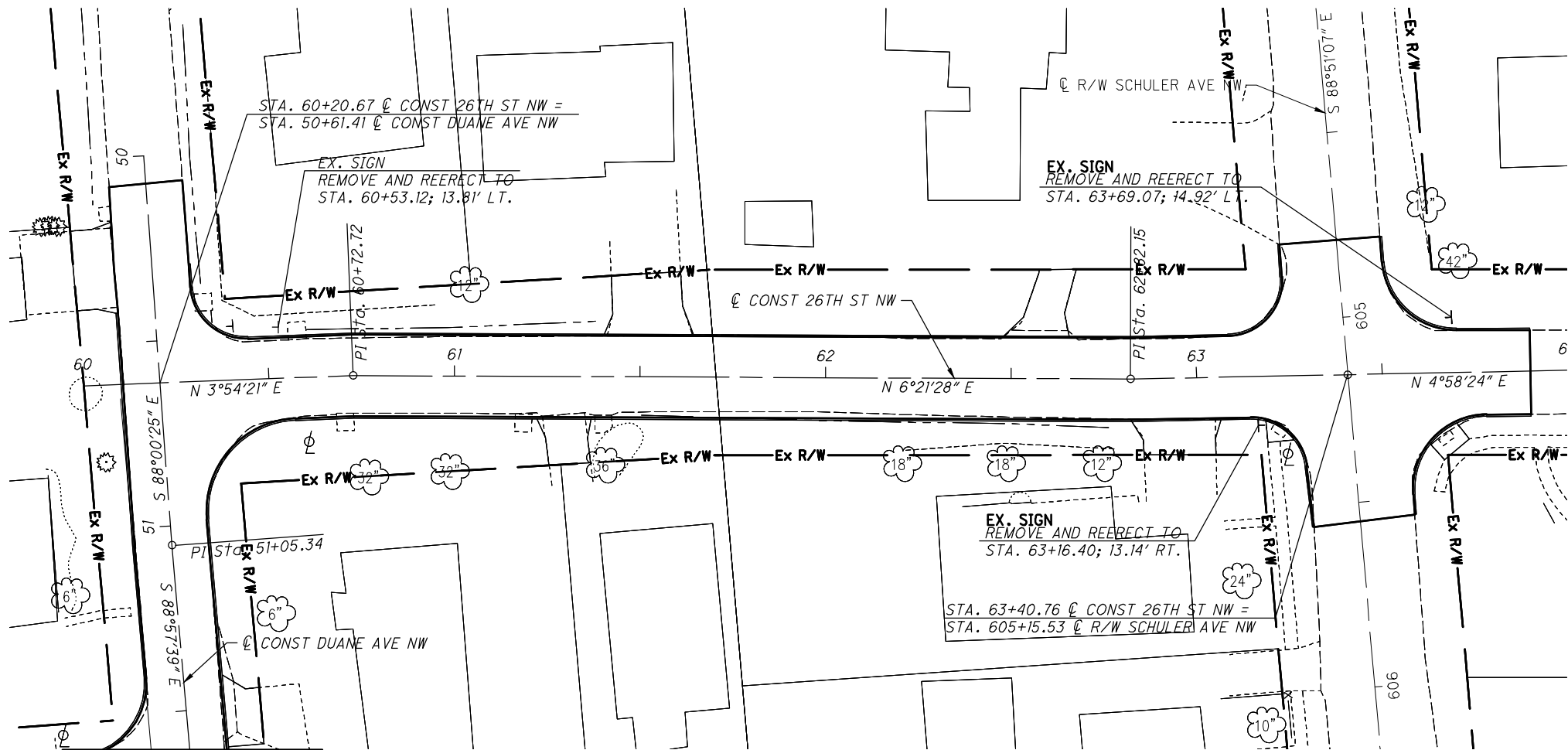
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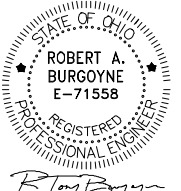
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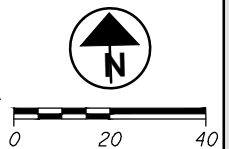
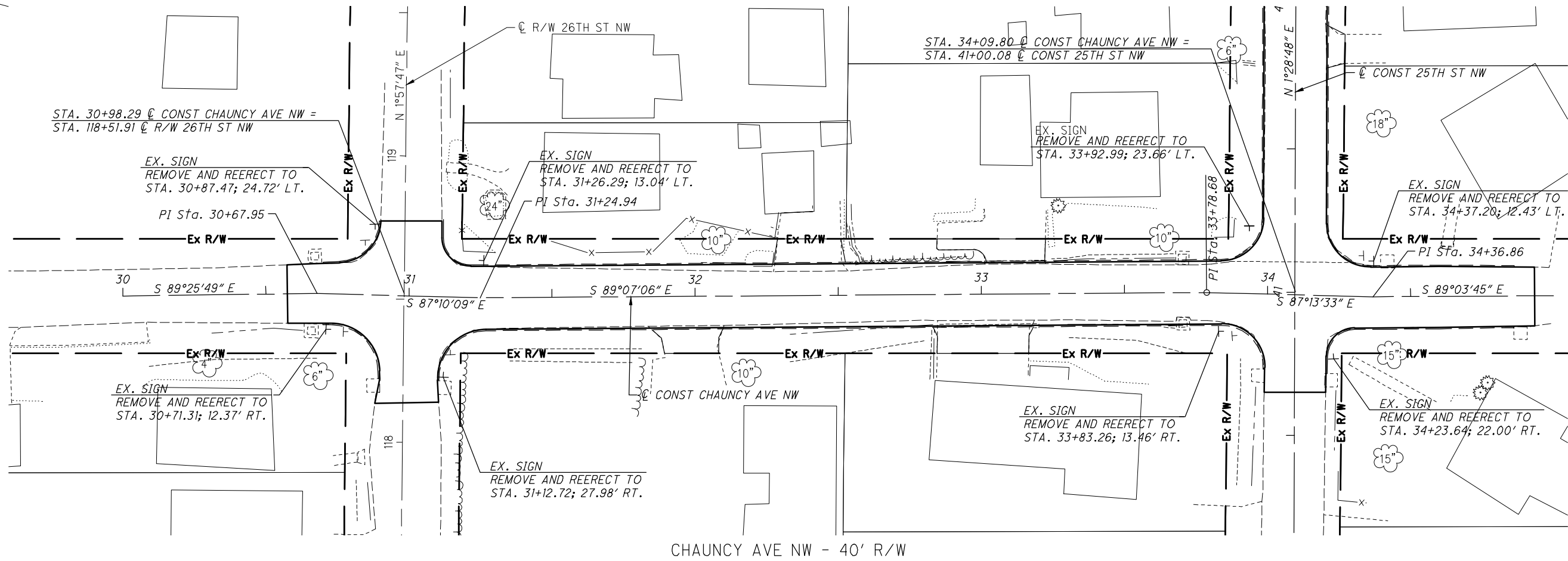
26TH ST NW - 40' R/W



26TH ST NW - 50' R/W

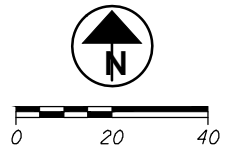
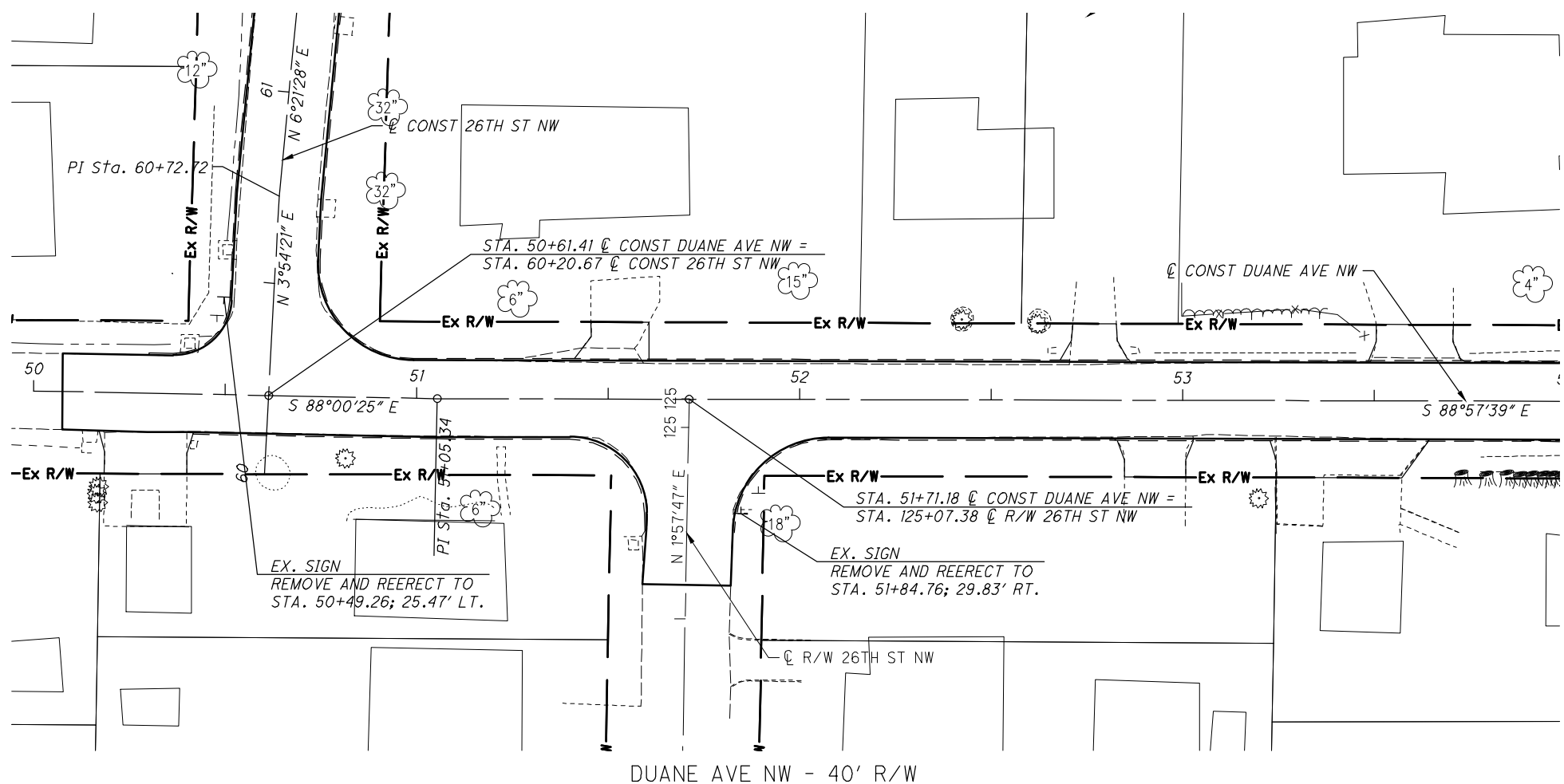
 ARCHITECTS ENGINEERS PLANNERS 388 S. MAIN ST., SUITE 301 AKRON, OH 44311 330.913.1080 OHM-ADVISORS.COM	
 Robert A. Burgoyne, P.E. Ohio Professional Engineer #71558	
CITY OF MASSILLON STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA TRAFFIC CONTROL PLAN	
103 of 114	

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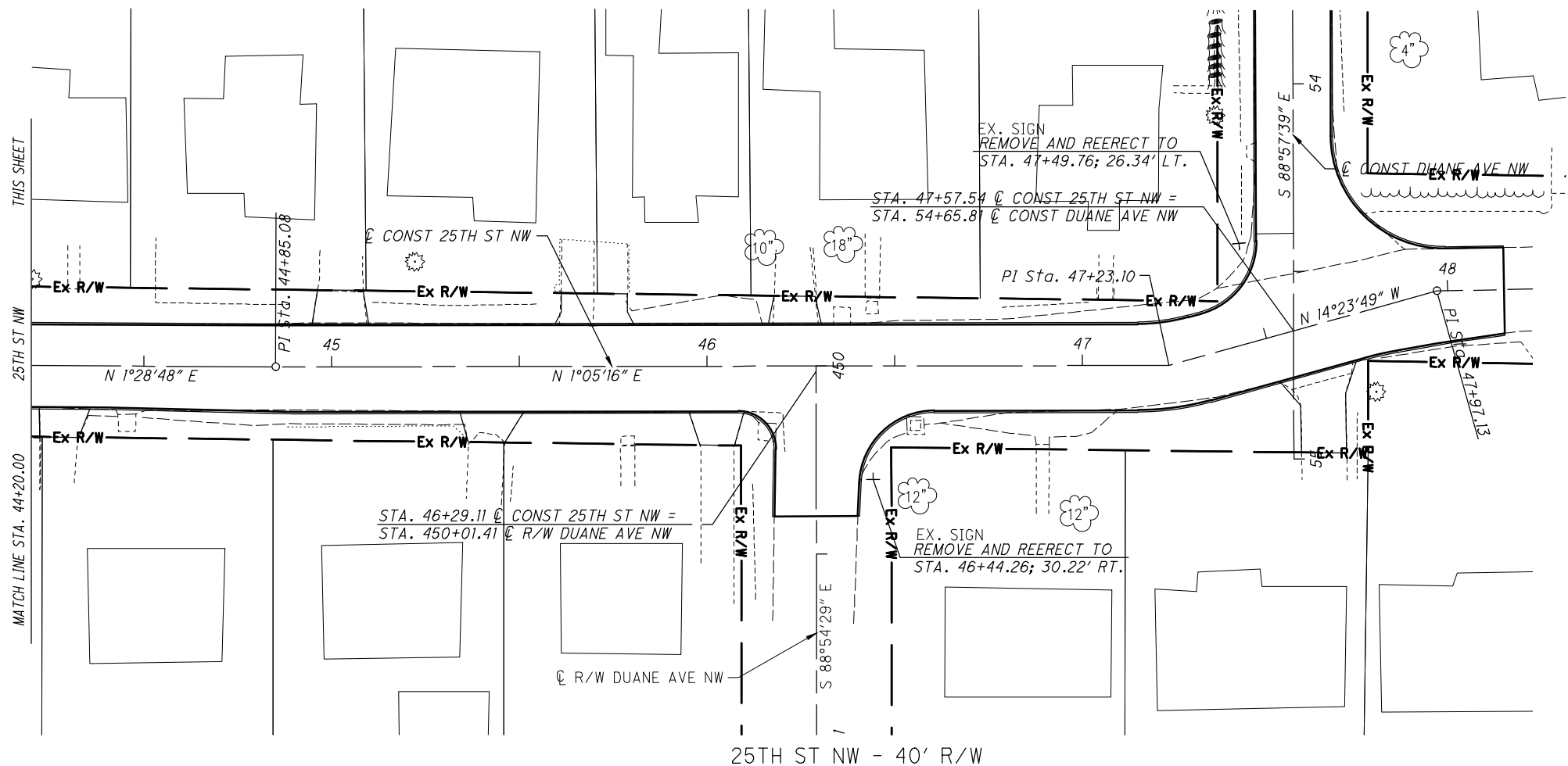
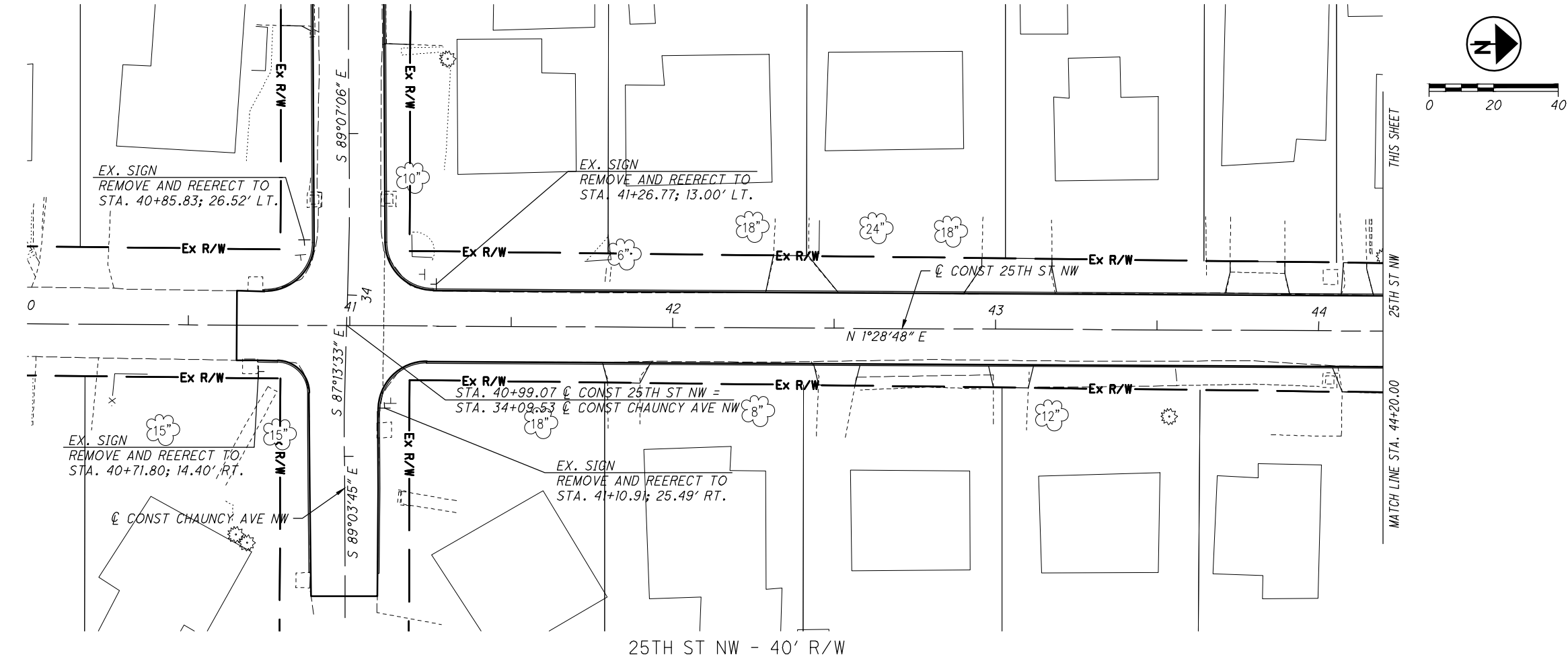
STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
ROBERT A. BURGOWNE
E-71558
Robert A. Burgoyne, P.E.
Ohio Professional Engineer
#71558

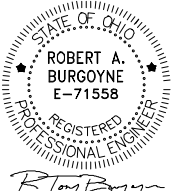


DATE	PROJ NUMBER	ENG	PROJ LEADER	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	348922040	CCO	RAB	CHM	STARK	CITY OF MASSILLON

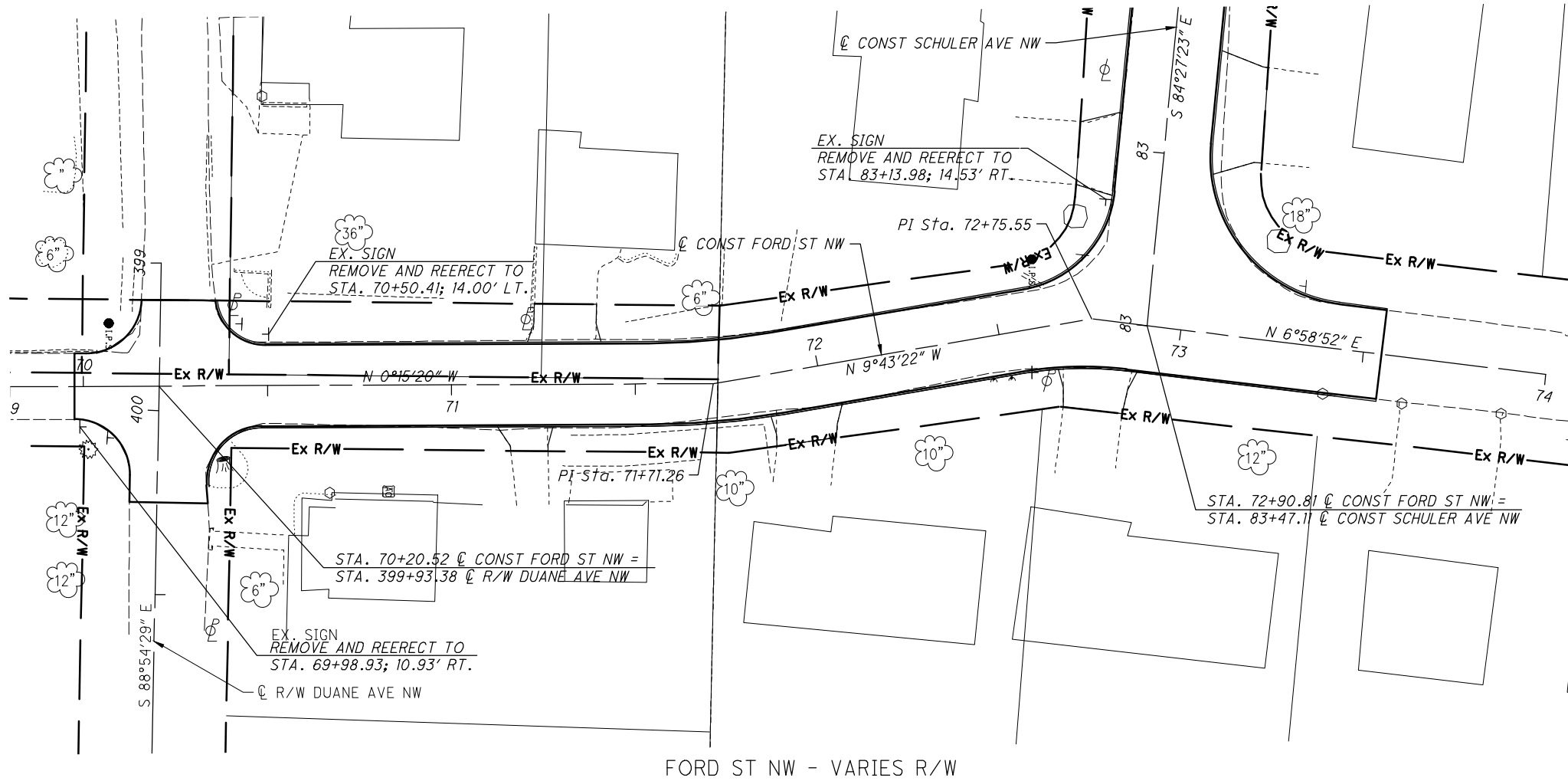
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
TRAFFIC CONTROL PLAN

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 Robert A. Burgoyne, PE Ohio Professional Engineer #71558									
CITY OF MASSILLON STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA TRAFFIC CONTROL PLAN									
SHEET	DATE	PROJ NUMBER	ENG	PROJ LEADER	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP	REVISIONS	105 of 114

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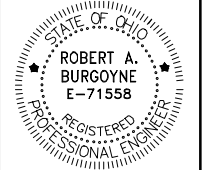
FORD ST NW - VARIES R/W



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AKRON, OH 44311
330.913.1080

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Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

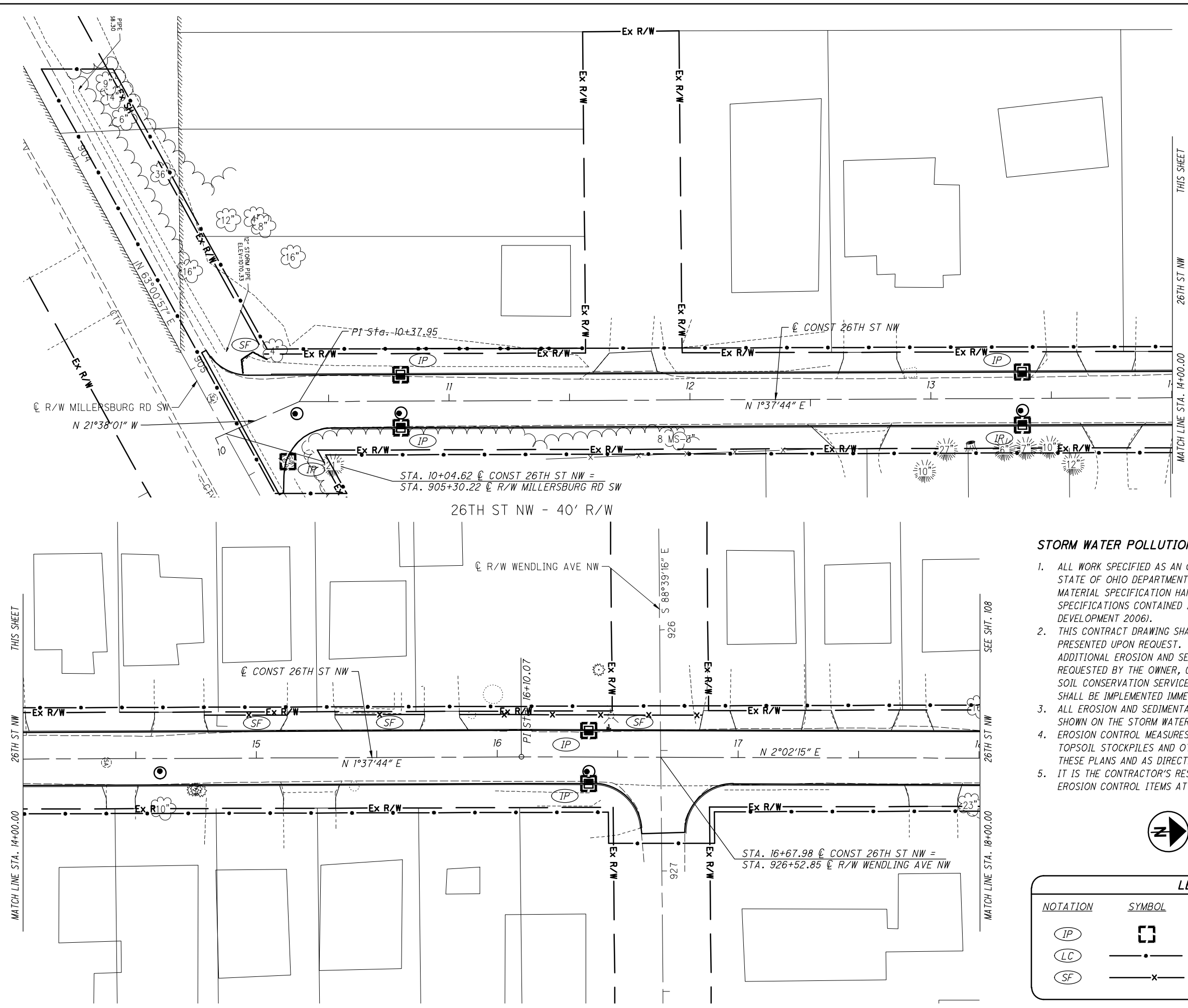
RESIDUALS

DATE	PROJ NUMBER	ENG	PROJ LEADS	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
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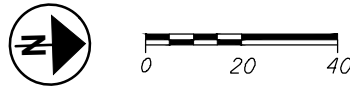
CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
TRAFFIC CONTROL PLAN

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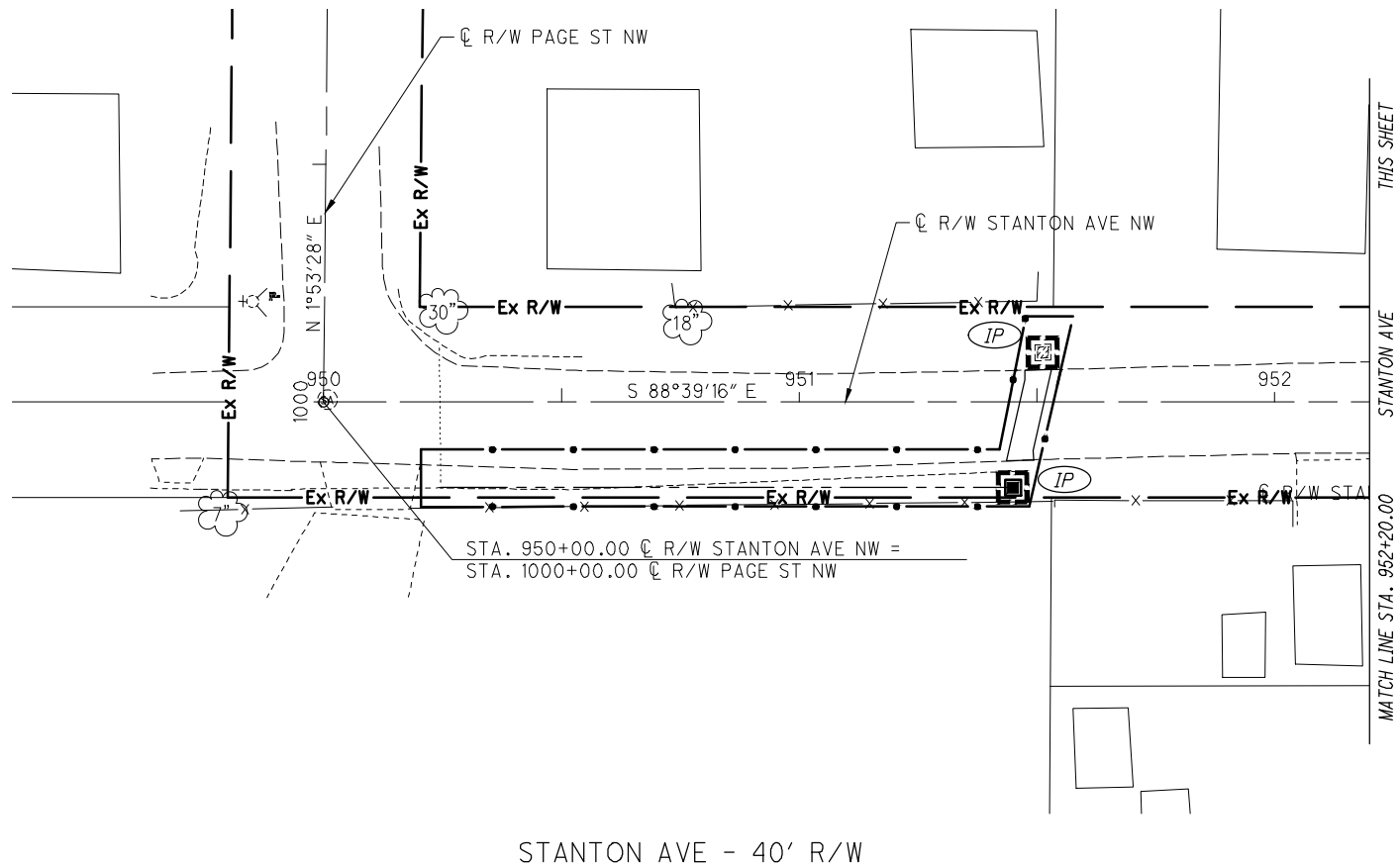
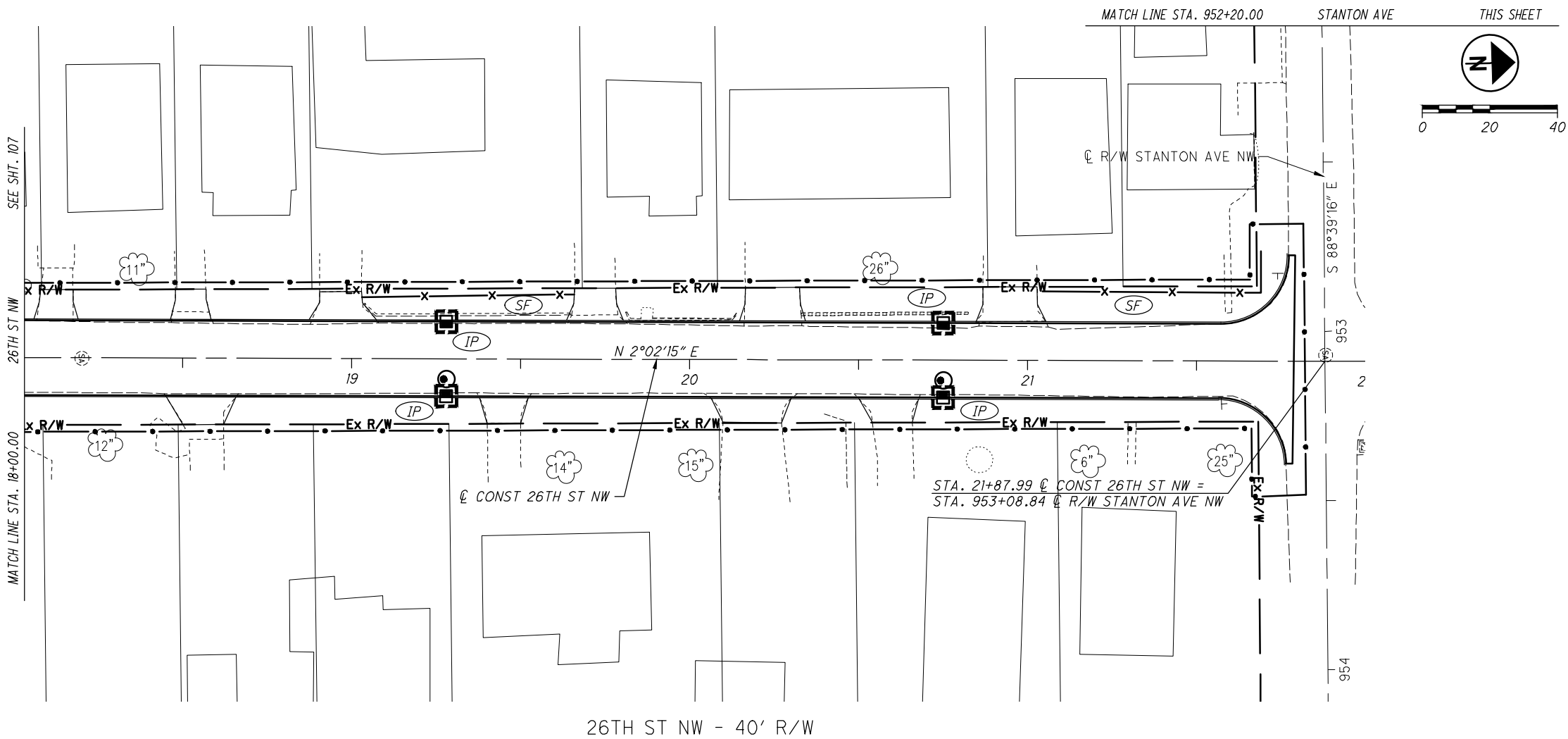


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LEGEND		
<u>NOTATION</u>	<u>SYMBOL</u>	<u>ITEM REFERENCE</u>
		INLET PROTECTION
		LIMITS OF CONSTRUCTION
		SILT FENCE

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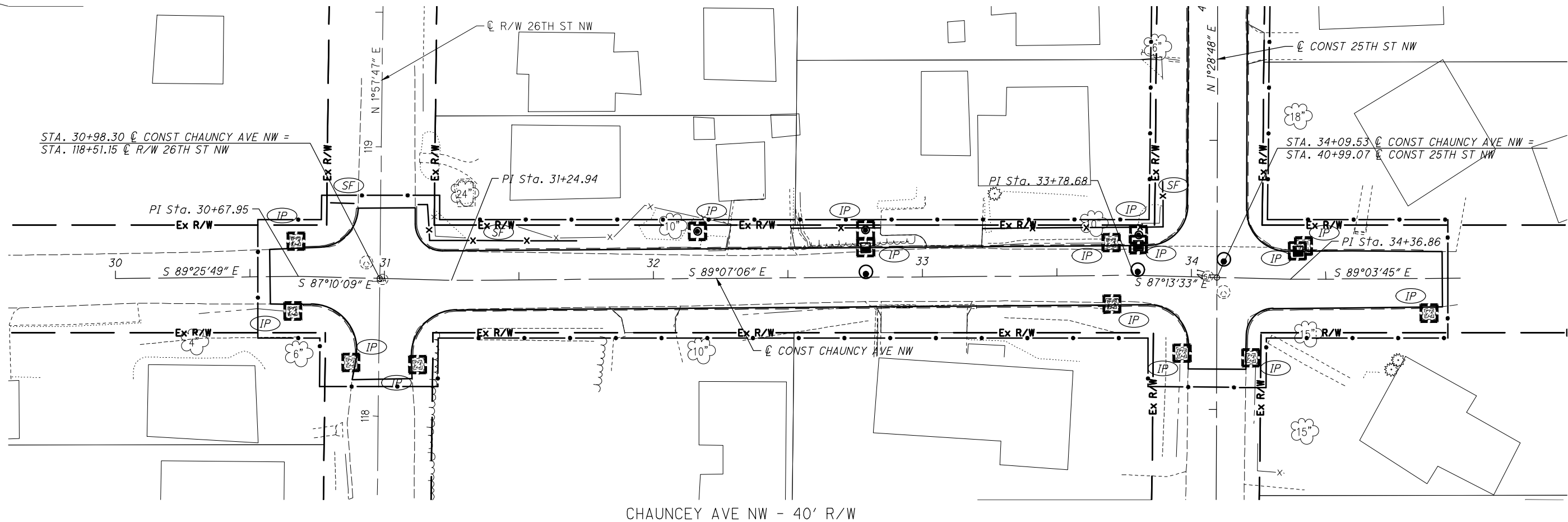


STORM WATER POLLUTION PREVENTION GENERAL NOTES

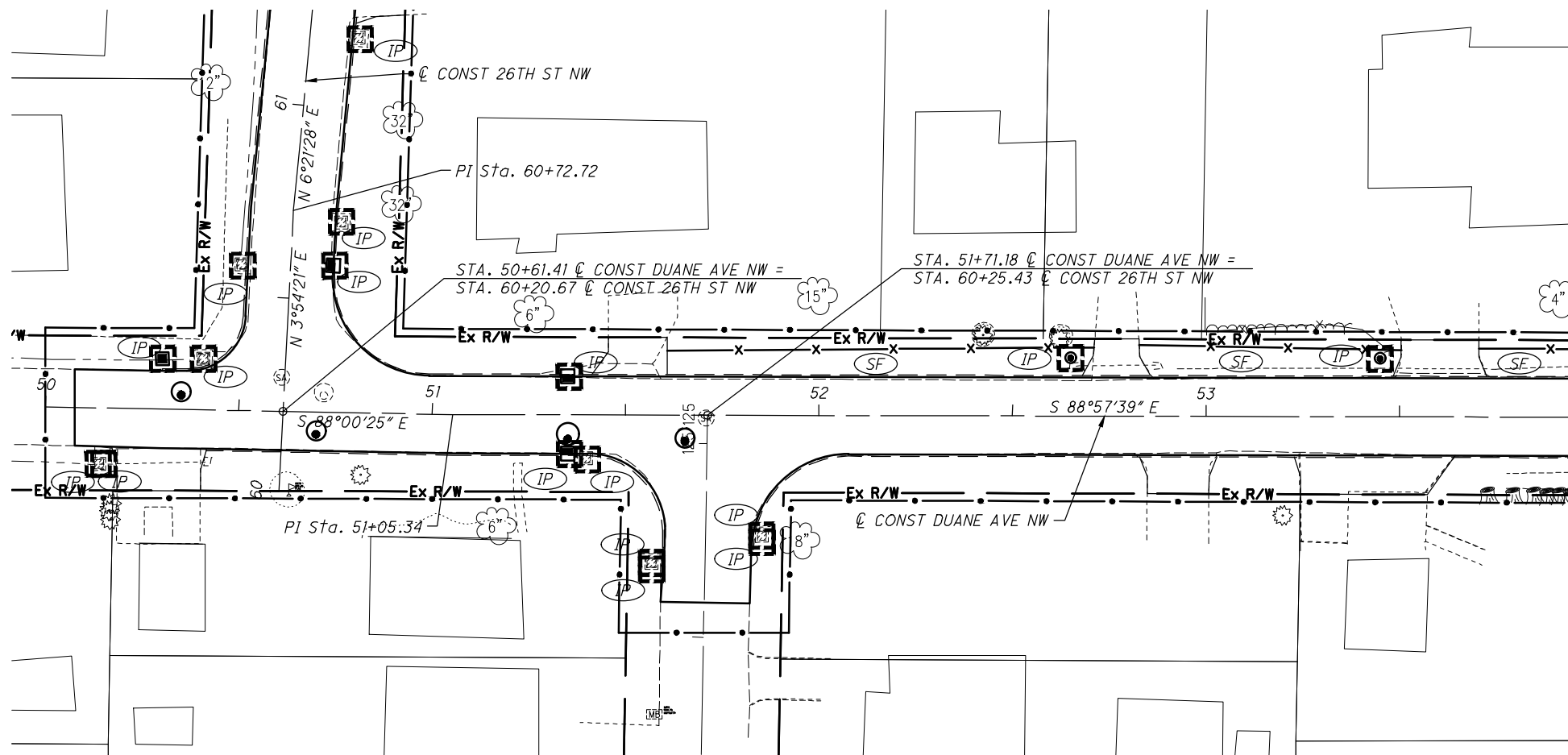
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LEGEND		
NOTATION	SYMBOL	ITEM REFERENCE
(IP)		INLET PROTECTION
(LC)		LIMITS OF CONSTRUCTION
(SF)		SILT FENCE

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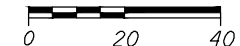
CHAUNCEY AVE NW - 40' R/W



DUANE AVE NW - 40' R/W

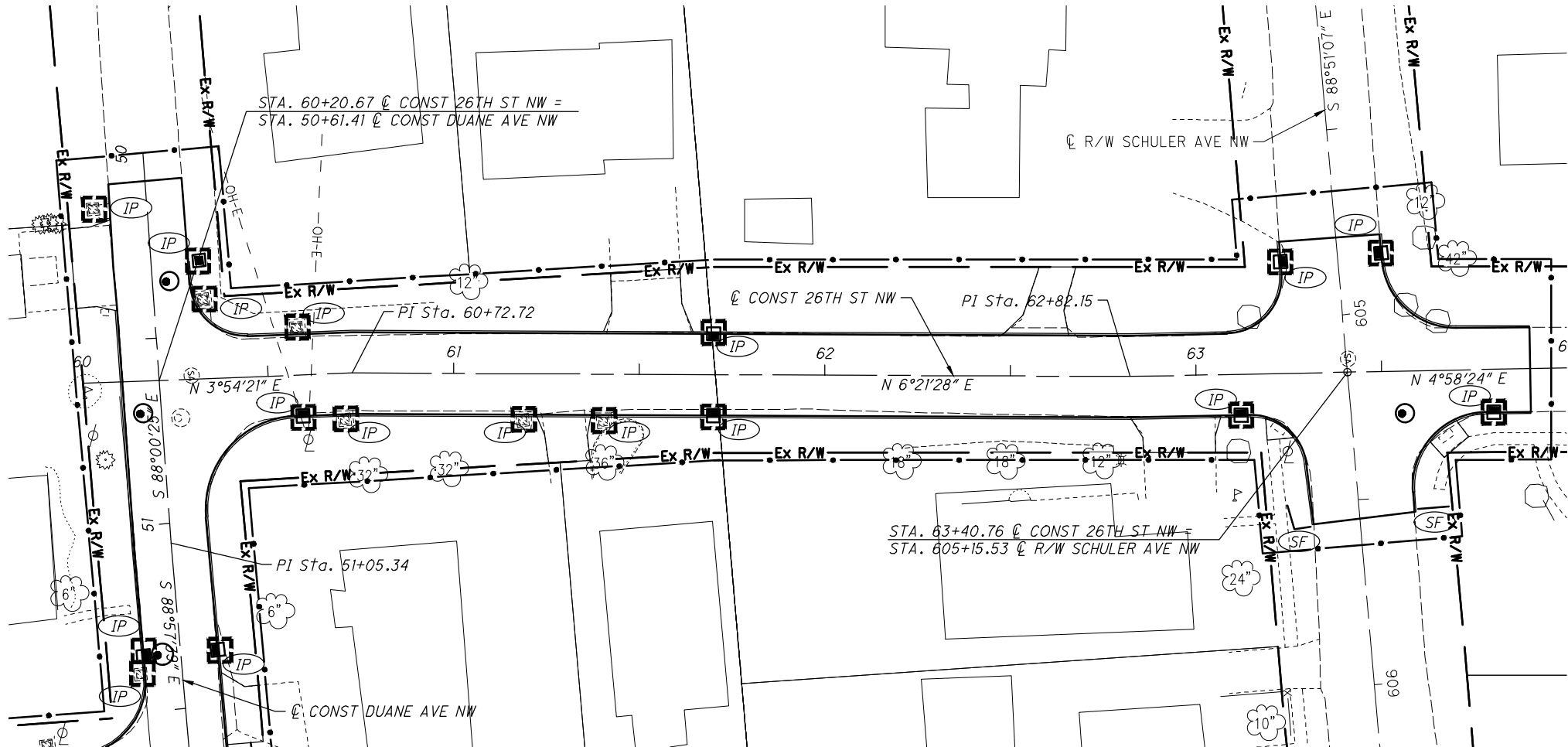
STORM WATER POLLUTION PREVENTION GENERAL NOTES

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(IP)		INLET PROTECTION
(LC)		LIMITS OF CONSTRUCTION
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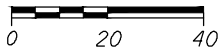
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26TH ST NW - 50' R/W

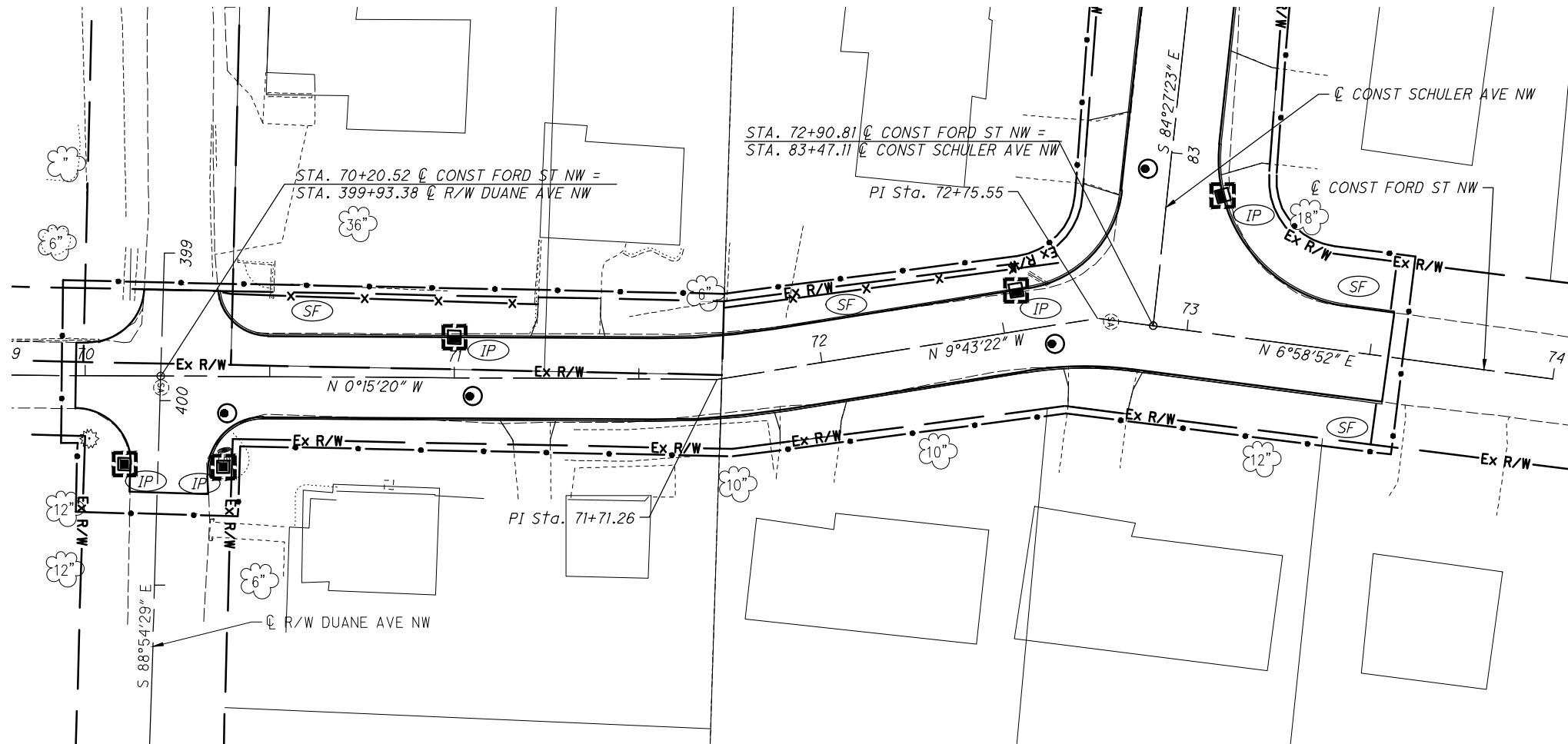
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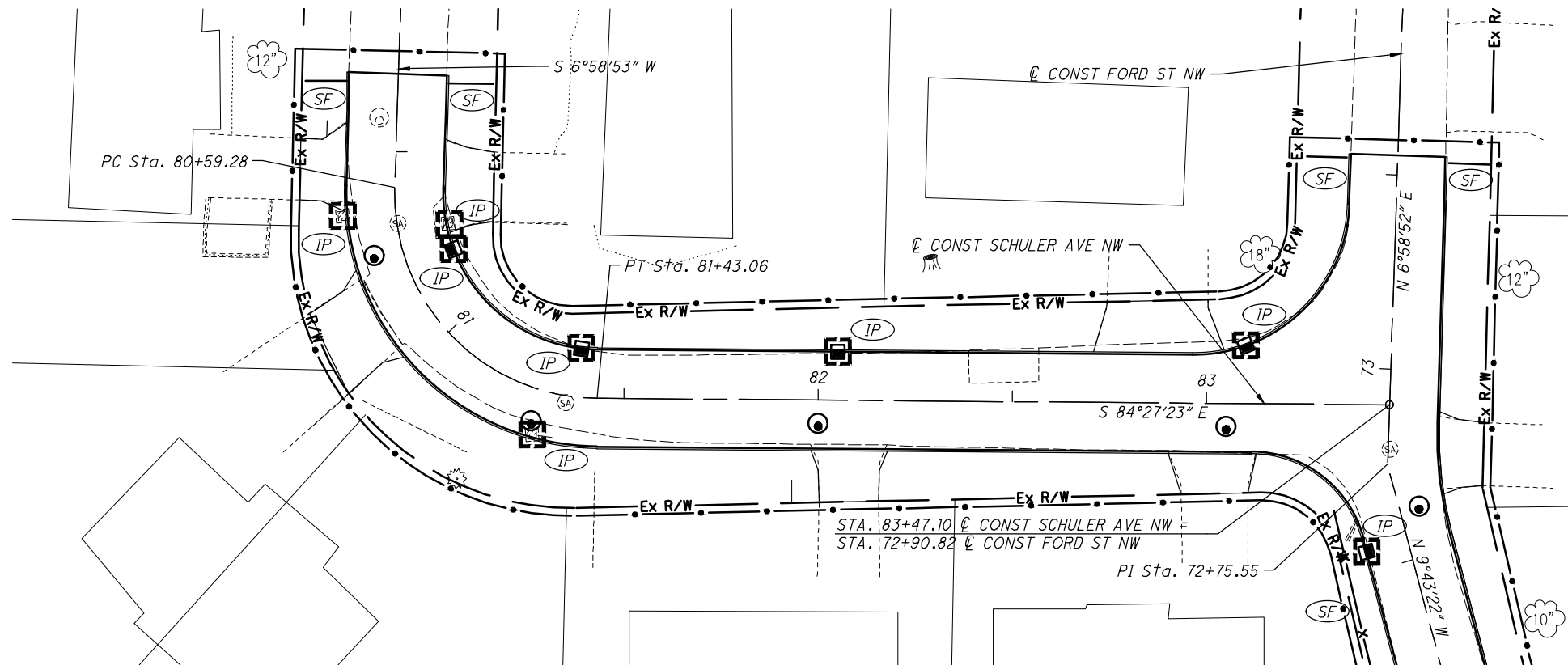


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(LC)		LIMITS OF CONSTRUCTION
(SF)		SILT FENCE

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FORD ST NW - VARIES R/W



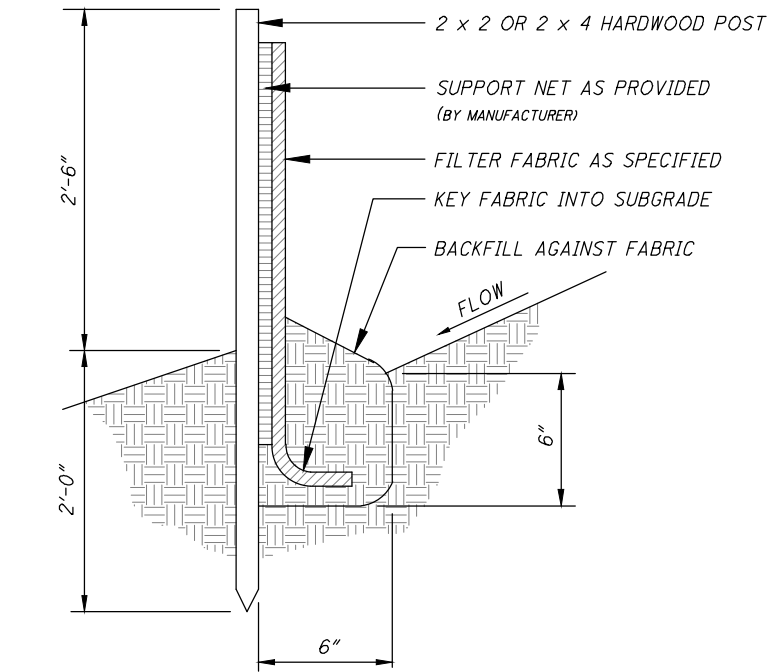
SCHULER AVE NW - 50' R/W

LEGEND		
NOTATION	SYMBOL	ITEM REFERENCE
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(LC)	[Symbol]	LIMITS OF CONSTRUCTION
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STORM WATER POLLUTION PREVENTION GENERAL NOTES

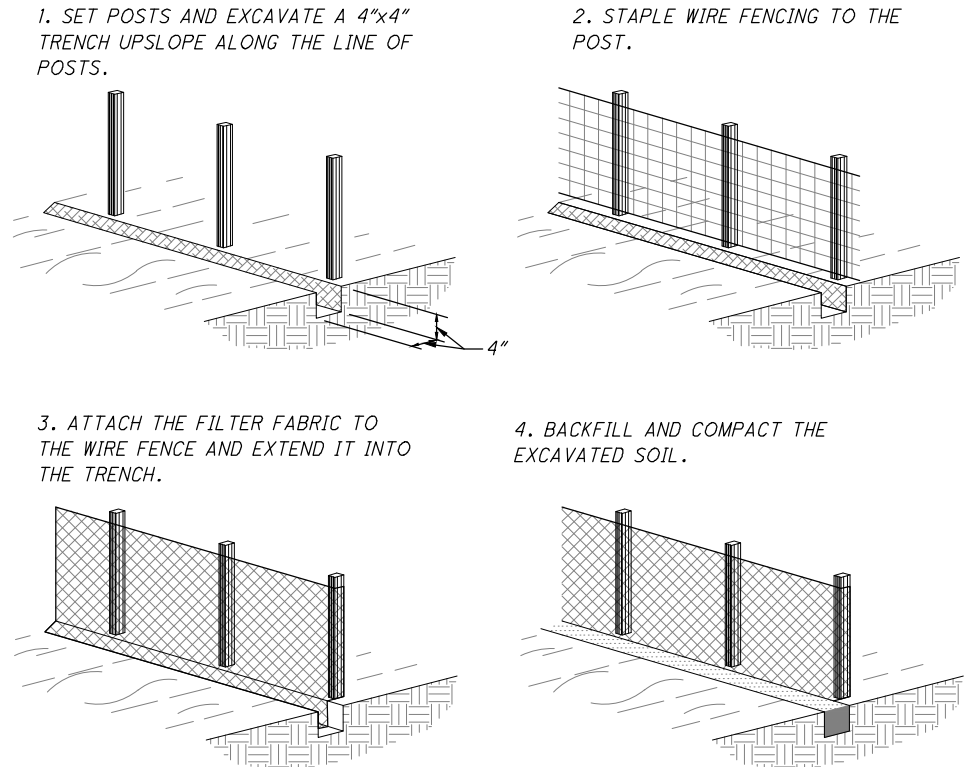
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TYPICAL SILT FENCE DETAIL

NOT TO SCALE



SILT FENCE INSTALLATION DETAIL

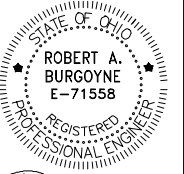
NOT TO SCALE



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Robert A. Burgoyne, PE
Ohio Professional Engineer
#71558

REVISIONS

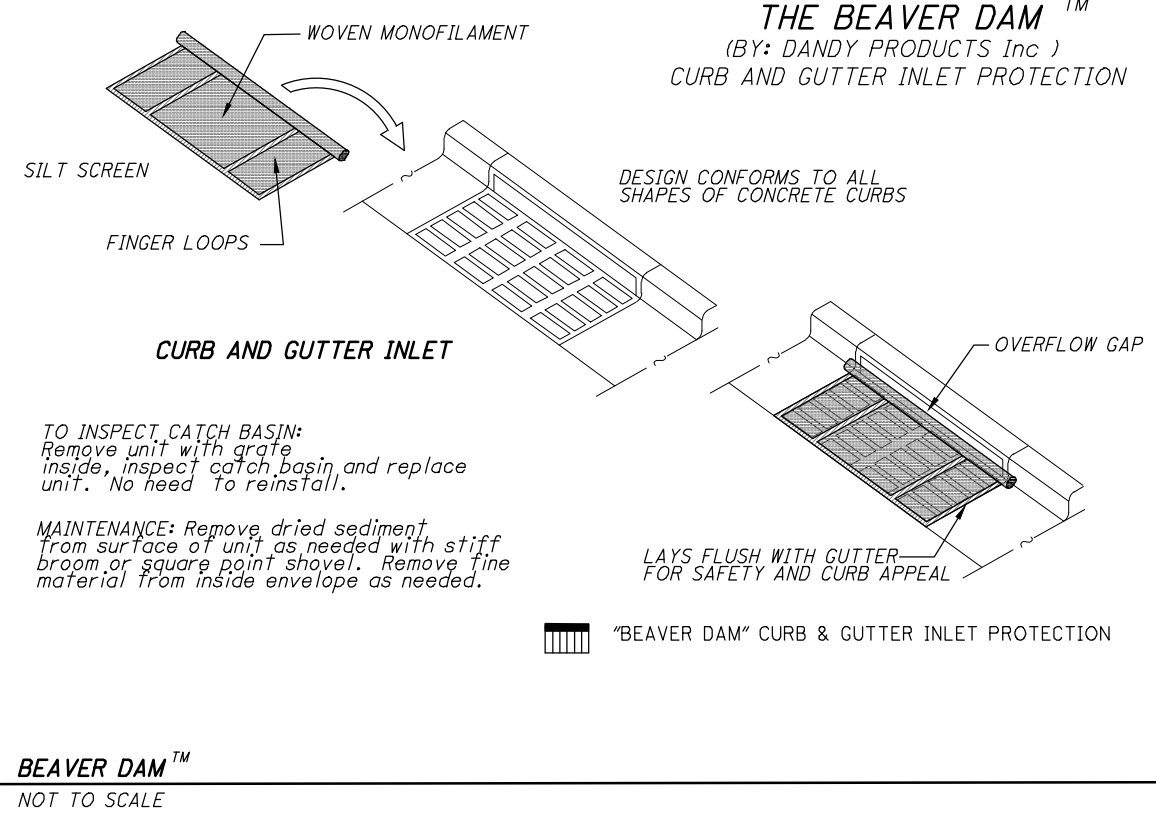
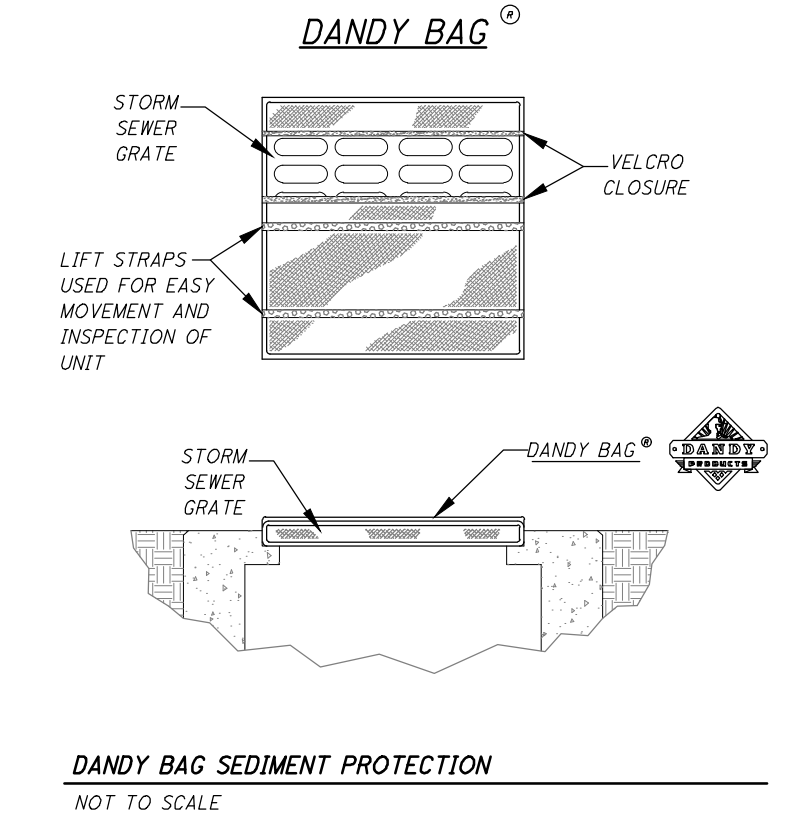
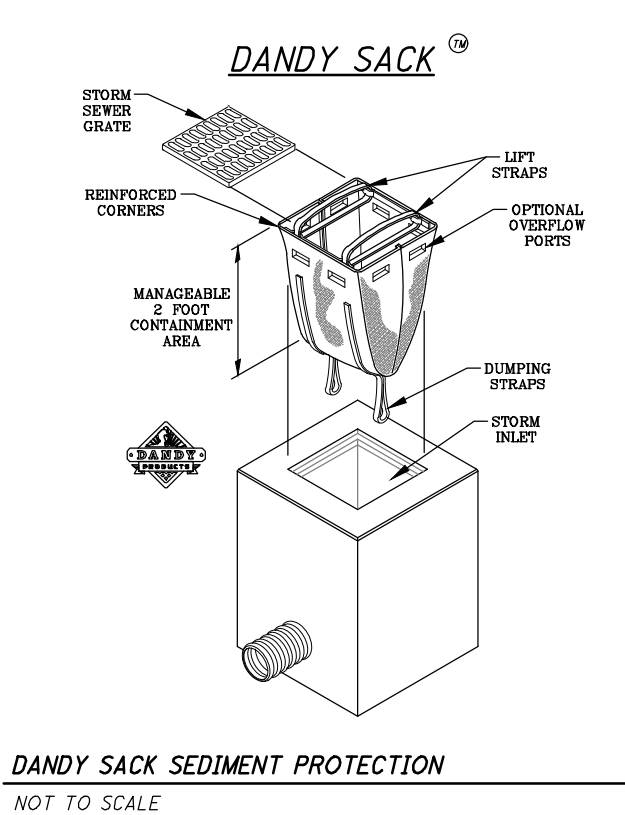
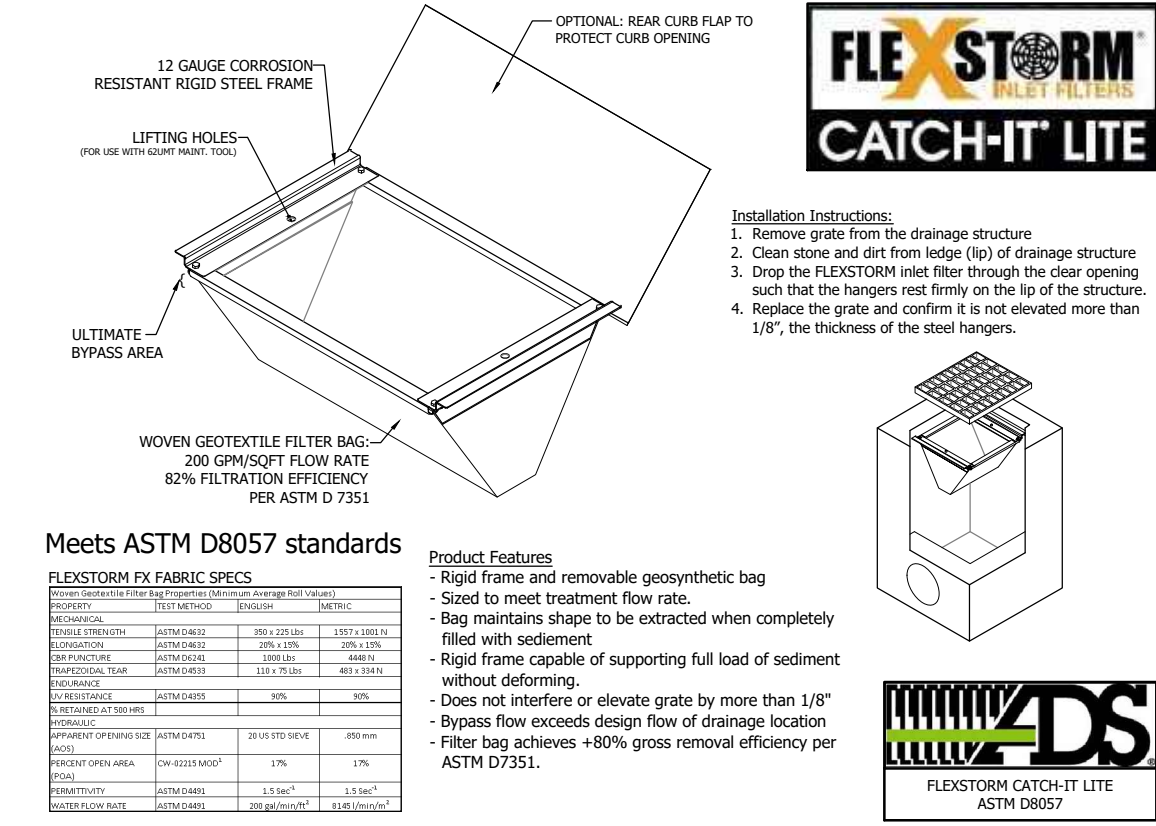
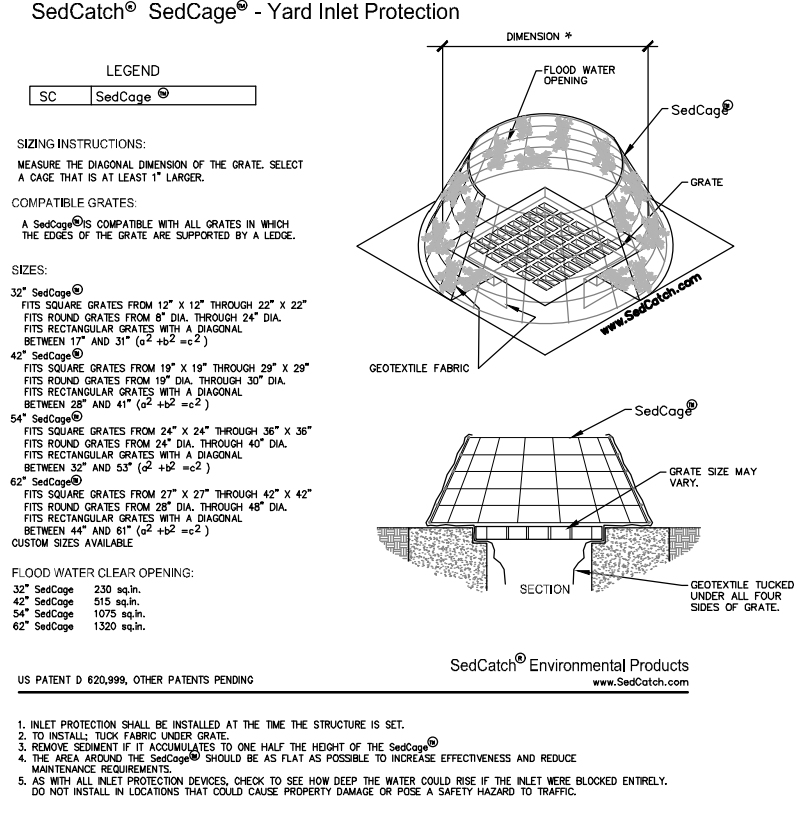
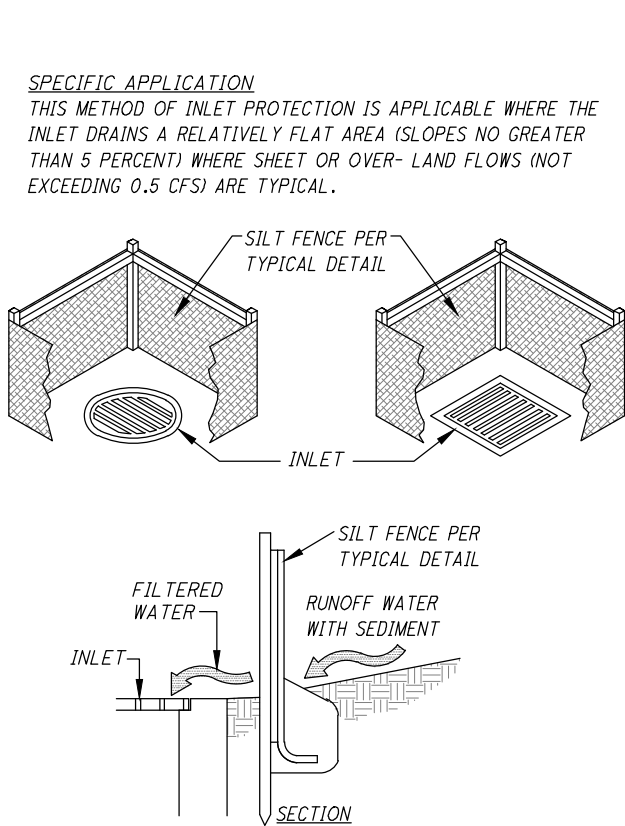
DATE PROJECT NUMBER ENG PROJ NUMBER COND COUNTY CITY/VILLAGE/TOWNSHIP

7/19/24 SW222049 C200 BAS CUYAHoga STARK CITY OF MASSILLON

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA

SWPPP NOTES & DETAILS

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STATE OF OHIO

REGISTERED PROFESSIONAL ENGINEER

Robert A. BURGOWNE
E-71558

Robert A Burgoyne, PE
Ohio Professional Engineer
#71558

REVISIONS:

DATE	PROJ NUMBER	ENG	PROJ LEAD	CADD	COUNTY	CITY/VILLAGE/TOWNSHIP
7/19/24	SW222049	CCO	BAH	CHM	STARK	CITY OF MASSILLON

CITY OF MASSILLON
STORM SEWER AND ROADWAY IMPROVEMENT - 26TH ST NW AREA
SWPPP DETAILS

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