

# CITY OF ANN ARBOR PROJECT MANAGEMENT

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BROADWAY / N. DIVISION / DETROIT STREET PLANTER WALL AND SIDEWALK REPAIR

1 OF 8

## **BROADWAY / N. DIVISION / DETROIT STREET** PLANTER WALL AND SIDEWALK REPAIR

CITY OF ANN ARBOR FILE NO. 2015-024 ITB No. 4432

PROJECT LOCATION LOCATION MAP SHEET INDEX TITLE SHEET MAINTENANCE OF TRAFFIC REMOVAL PLAN SIDEWALK DETAILS WALL DETAILS CONRAI W. HURON ST

THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CITY OF ANN ARBOR PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS WHICH ARE INCLUDED BY REFERENCE

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL CALL 811 OR 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE CITY OF ANN ARBOR ASSUMES NO RESPONSIBILITY FOR THEIR ACCURATE REPRESENTATION IN THIS DRAWING. MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION (INCLUDING REFERENCED M.D.O.T. PUBLICATIONS) WHERE NOTED, AND THIS PROJECT'S CONTRACT DOCUMENTS.

THE PROPOSED IMPROVEMENTS COVERED BY THESE PLANS ARE DESIGNED IN ACCORDANCE WITH THE 2004 A.A.S.H.T.O. "PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES" AND THE TRAFFIC CONTROL IN ACCORDANCE WITH THE 2011 "MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

ALL EXPOSED CONCRETE WALL CORNERS SHOWN SQUARE ON THE PLANS SHALL BE BEVELED WITH 1' TRIANGULAR MOLDINGS EXCEPT AS OTHERWISE NOTED.

UNLESS OTHERWISE SHOWN ON THE PLANS, PROVIDE MINIMUM CONCRETE CLEAR COVER FOR REINFORCEMENT ACCORDING TO THE FOLLOWING:

CONCRETE CAST AGAINST FARTH ALL OTHER UNLESS SHOWN ON PLANS 2 IN.

THE DESIGN OF THE STRUCTURAL MEMBERS IS BASED ON MATERIAL OF THE FOLLOWING GRADES AND STRESSES: f'c = 3,500 PSI

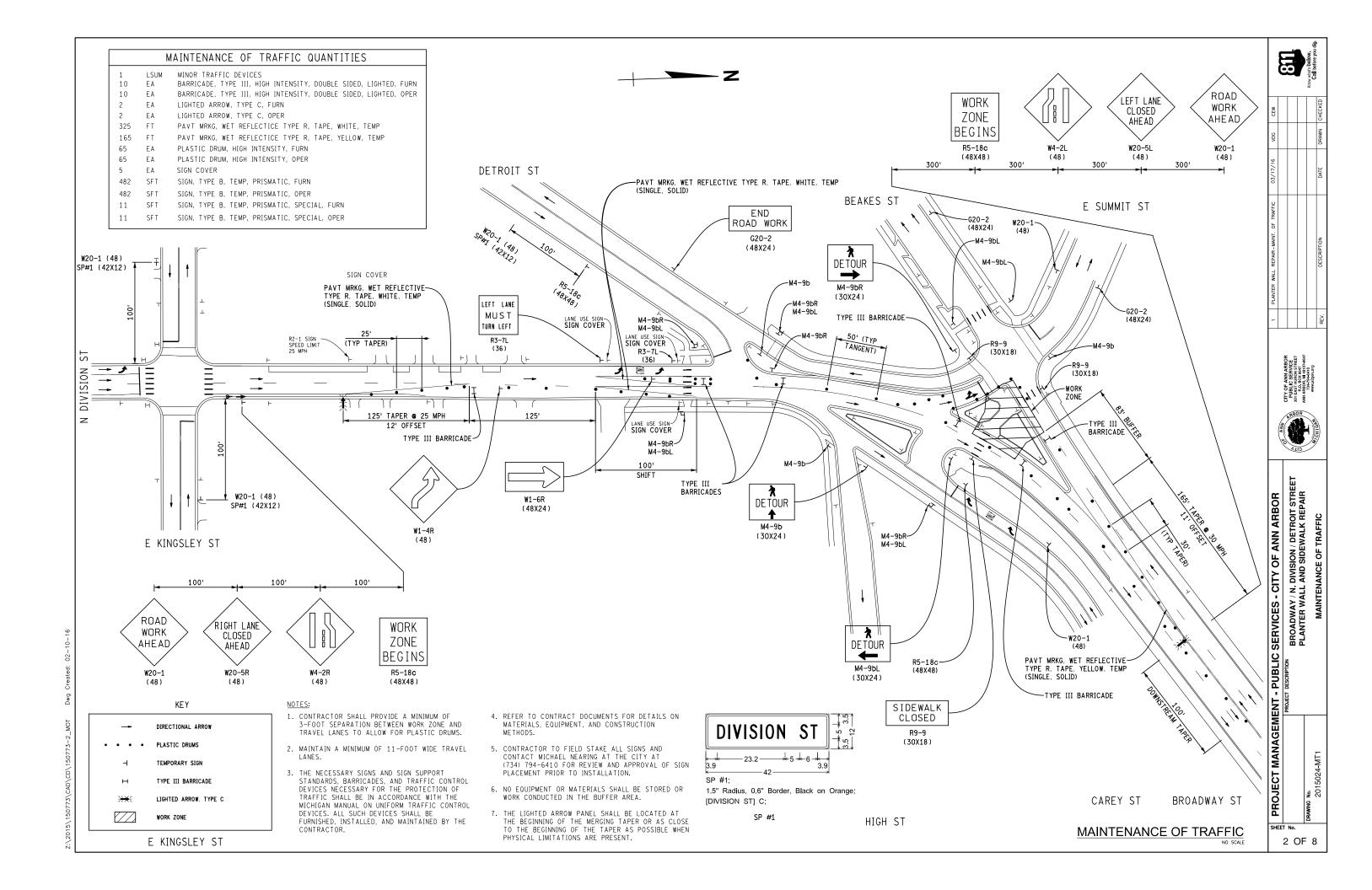
fy = 60,000 PSI

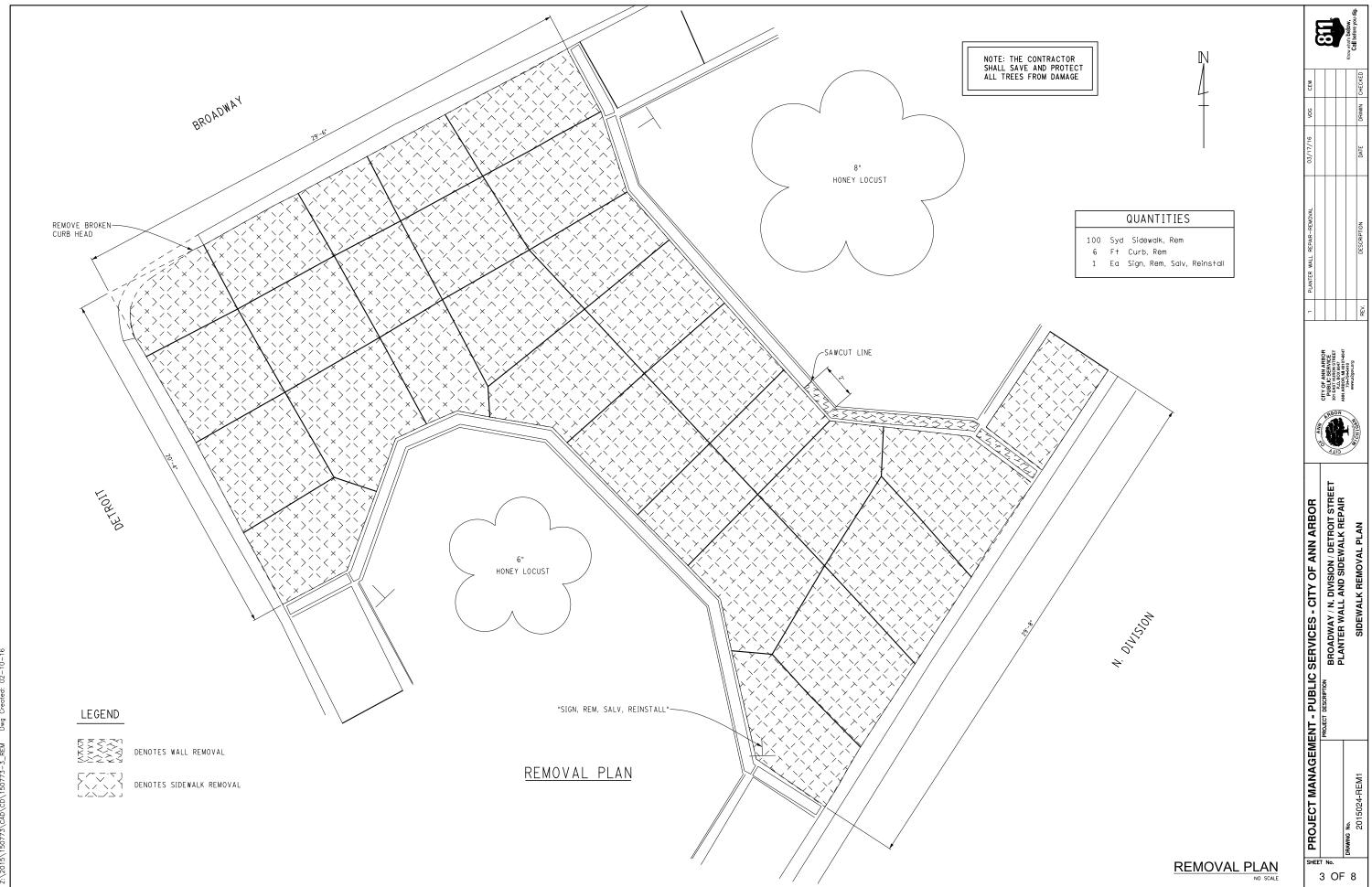
CONCRETE GRADE S2 STEEL REINFORCEMENT

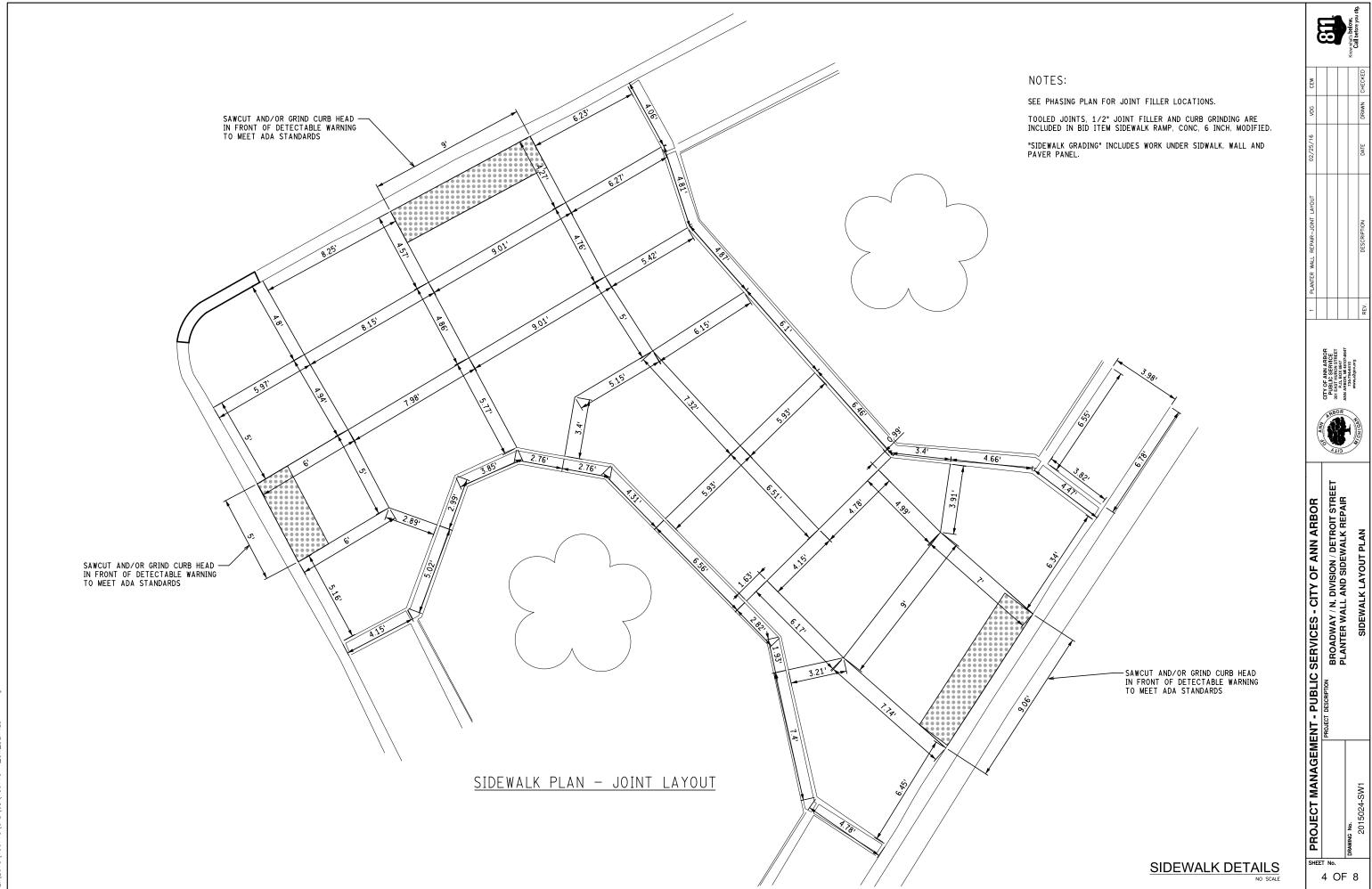
> CONTRACT FOR:
> REPLACEMENT OF APPROXIMATELY 15—FT OF REINFORCED CONCRETE RETAINING WALL AND 300—SYD O
> SIDEWALK AND SIDEWALK RAMPS, AND ASSOCIATED GRADING AND MAINTENANCE OF TRAFFIC. PROJECT MANAGEMENT SERVICE UNIT MICHAEL NEARING, P.E. - MI LICENSE No. 38748 PROJECT ENGINEER DATE

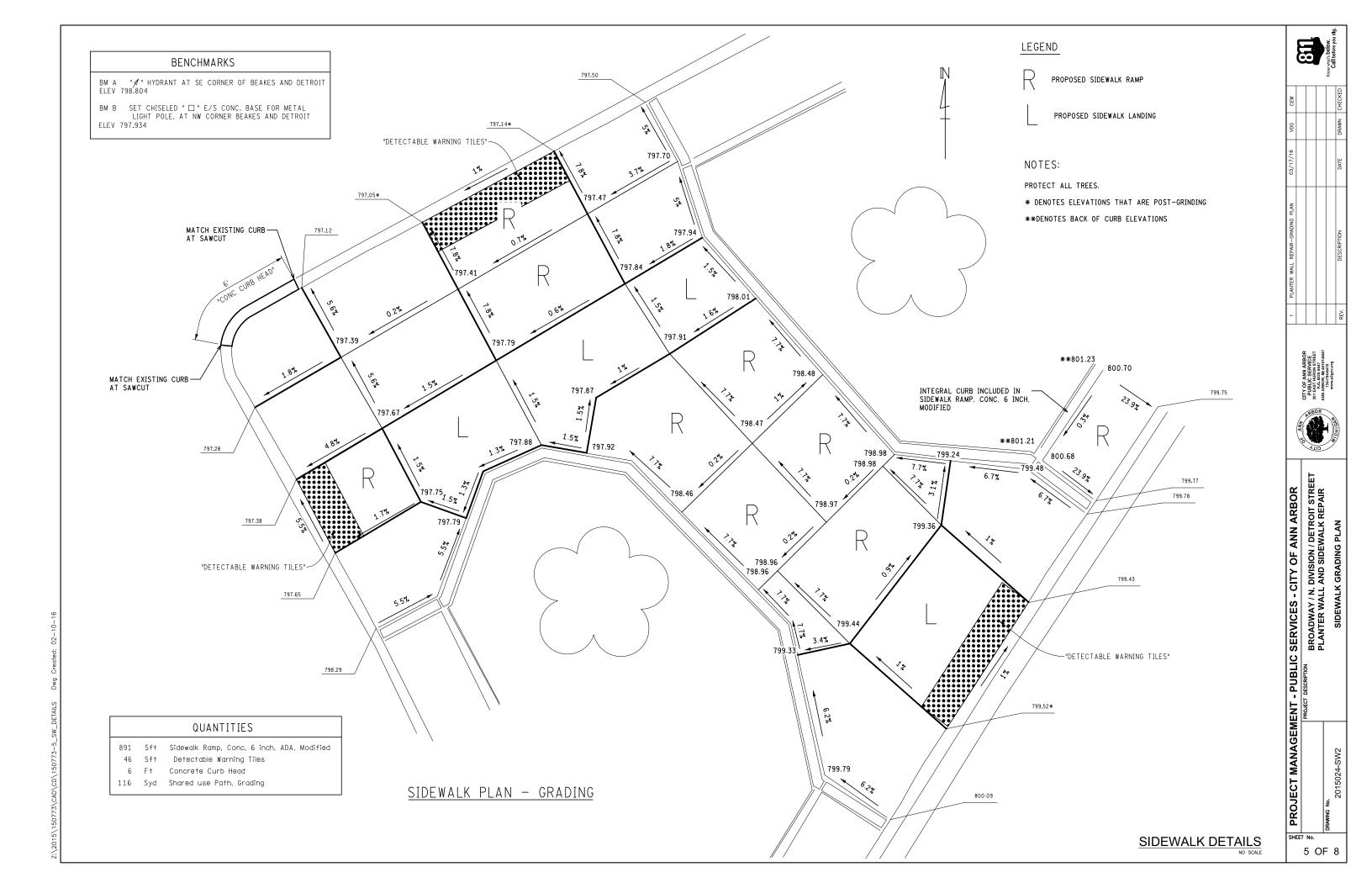
PREPARED UNDER THE SUPERVISION OF

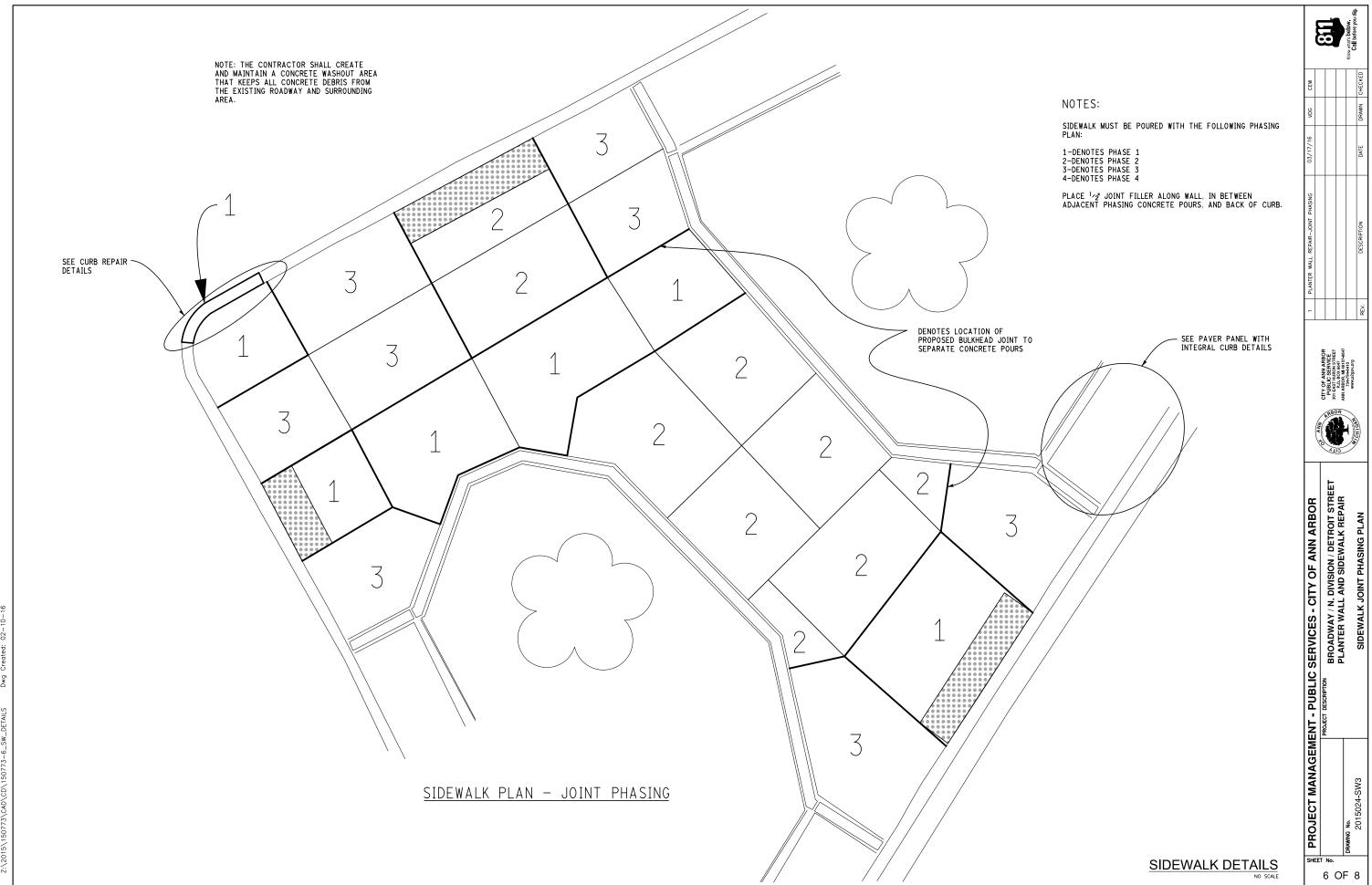
VINCENT GUADAGNI, P.E. - MI LICENSE No. 40036 PROJECT MANAGER



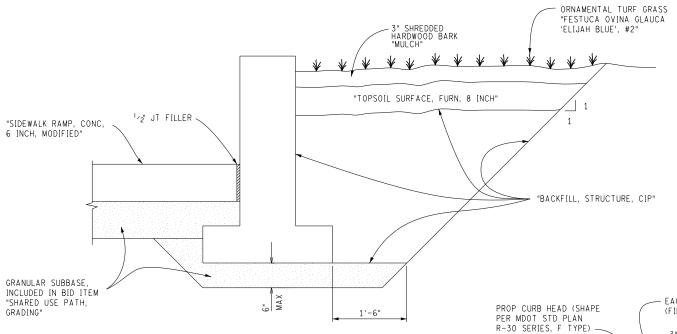








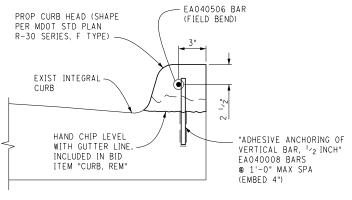
## WALL REMOVAL SECTION



WALL BACKFILL SECTION

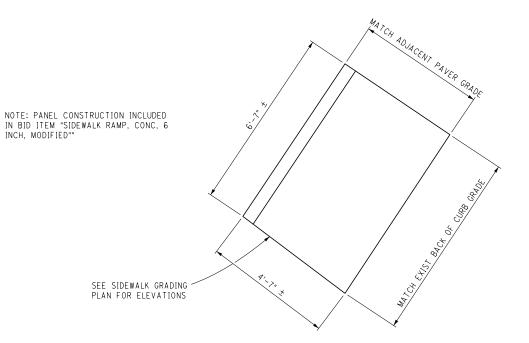
		QUANTITIES
14	CYD	EXCAVATION, FDN
13	CYD	BACKFILL, STRUCTURE, CIP
1	LSUM	STRUCTURES, REHABILITATION, REM PORTIONS
7	CYD	CONC, GRADE S2
161	LB	REINFORCEMENT, STEEL, EPOXY COATED
30	ΕA	FESTUCA OVINA GLAUCA 'ELIJAH BLUE', #2
15	SYD	MULCH
15	SYD	TOPSOIL SURFACE, FURN, 8 INCH

Dwg Created: 02-10-16

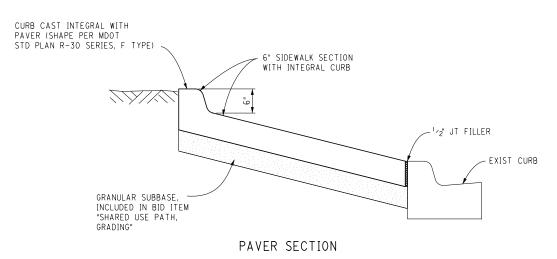


## CURB REPAIR DETAIL

WORK AND MATERIALS TO CONSTRUCT NEW CURB PORTION, INCLUDING ANCHORING, REINFORCING AND FORMING IS INCLUDED IN THE BID ITEM "CONC CURB HEAD"



PAVER PLAN



## PAVER PANEL WITH INTEGRAL CURB DETAILS

CEW			DRAWN CHECKED
9QA			DRAWN
91/21/20			DATE
PLANTER WALL REPAIR-WALL DETAILS			DESCRIPTION
-			REV.
	_	 _	

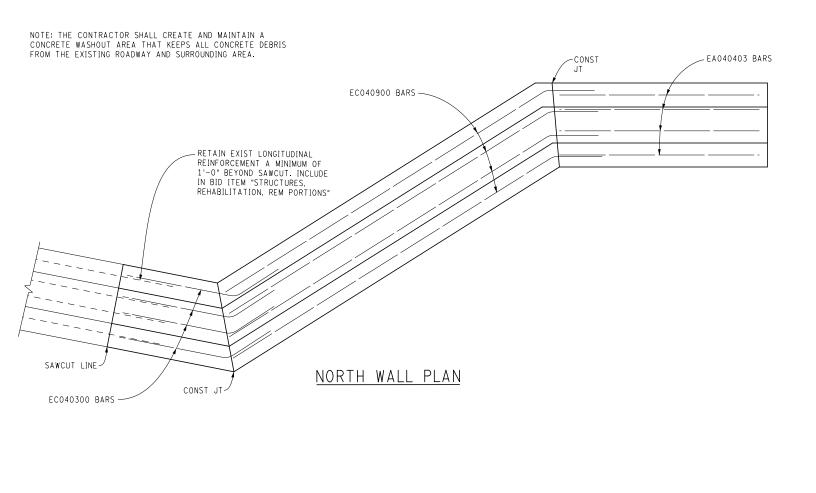


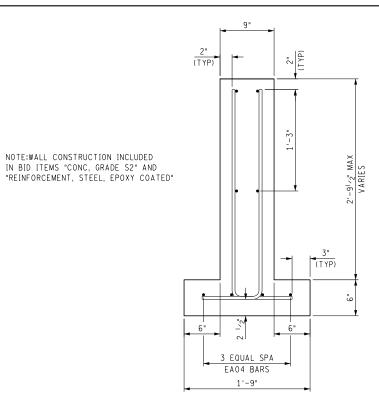
BROADWAY / N. DIVISION / DETROIT STREET PLANTER WALL AND SIDEWALK REPAIR WALL DETAILS

PROJECT MANAGEMENT - PUBLIC SERVICES - CITY OF ANN ARBOR

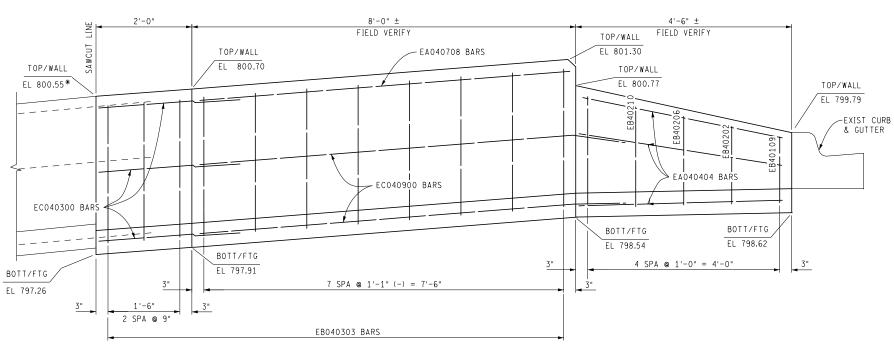
s No. 2015024-S1

7 OF 8



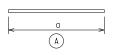


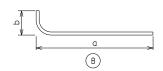
TYPICAL NORTH WALL SECTION

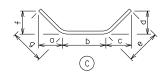


NORTH WALL ELEVATION  $^*$  FIELD VERIFY - MATCH EXISTING ELEVATION AT SAWCUT LINE

			STEEL I	REINFORCEM	MENT TABLE			
BAR DESIGNATION		BAR DIMENSIONS				BAR		TOTAL WEIGHT
	а	Ь	С	d	е	SIZE	QUANTITY	(LBS)
EC40900		8'-0"	10 /8"	6 3/8"	1'-0"	4	6	36
EC40300		2'-0"	8 3/4"	8 1/4"	1'-0"	4	8	16
EA40404	4'-4"					4	8	24
EB40303	2'-4"	11"				4	24	53
EB40210	1'-11"	11"				4	2	4
EB40206	1'-7"	11"				4	2	4
EB40202	1'-3"	11"				4	2	3
EB40109	10"	11"				4	2	3
EA040708	7'-8"					4	2	11
EA040506	5'-6"					4	1	4
EA040008	8"					4	6	3







WALL DETAILS

Rat's below.

	_	Know wha	
CEW			DRAWN CHECKED
VDC			DRAWN
03/17/16			DATE
PLANTER WALL REPAIR-WALL DETAILS			DESCRIPTION
-			REV.



PROJECT MANAGEMENT - PUBLIC SERVICES - CITY OF ANN ARBOR

PROJECT DESCRIPTION
BROADWAY / N. DIVISION / DETROIT STREET
PLANTER WALL AND SIDEWALK REPAIR
2015024-S2
WALL DETAILS

8 OF 8