

No.	Date	By	Revision

Fourth Street and Broadway Crossing
Plan View Sheet

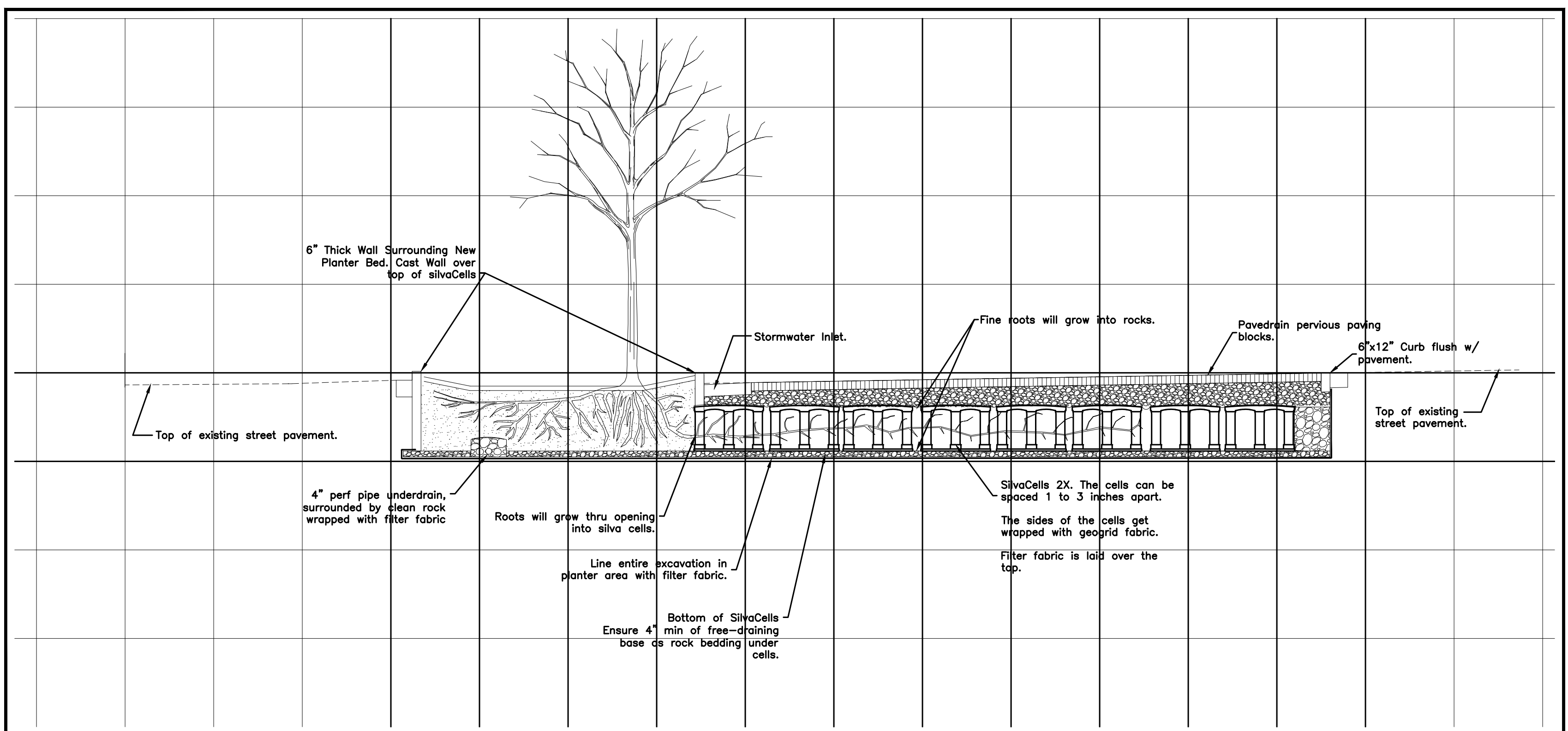
City of Columbia, Missouri
Department of Public Works

David Allen Nichols
Registered Professional Engineer
E-24212

File No. 00772
Scale: 1" = 20'
Date: 11/5/2020
Des. E.M.F.
Dwn. G.R.K.
Chk. A.A.A.

Sheet
1 of 3

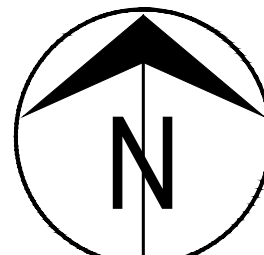
- ① 4" PCC SIDEWALK
- ② 6" PCC RAMP AND LANDING
- ③ RAISED MEDIAN ISLAND WITH STAMPED CONCRETE
- ④ TREE PLANTER
- ⑤ PAVEDRAIN POROUS PAVERS
- ⑥ THROUGH LANE (ONE)
- ⑦ RIGHT TURN LANE (ONE)
- ⑧ PAINTED ISLAND MARKING
- ⑨ PARKING LAYOUT
- ⑩ YIELD LINE MARKING
- ⑪ 8' WIDE WHITE PEDESTRIAN CROSSING
- ⑫ MEDIAN APPROACH



TREE PLANTER DETAIL
(NOT TO SCALE)

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2011 Orthophoto Source: Boone County Assessor



SCALE: 1"=10'

- ① RAISED MEDIAN ISLAND
- ② 6" THICK WALL AROUND PLANTER
- ③ 4" PVC PERFORATED PIPE
- ④ 16 SILVA CELLS
- ⑤ PAVEDRAIN POROUS PAVERS
- ⑥ JUNCTION BOX
- ⑦ TYPE A INLET
- ⑧ 18" RCP OR HP STORMWATER PIPE
- ⑨ REMOVE INLET TOP, CONVERT TO JUNCTION BOX
- ⑩ CROSSWALK SIGNING
- ⑪ RAPID FLASHING BEACON WITH CROSSWALK SIGNING
- ⑫ CURB RAMP WITH DETECTABLE WARNING

No.	Date	By	Revision

Fourth Street and Broadway Crossing

Planter Plan Sheet

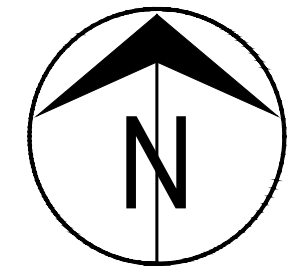
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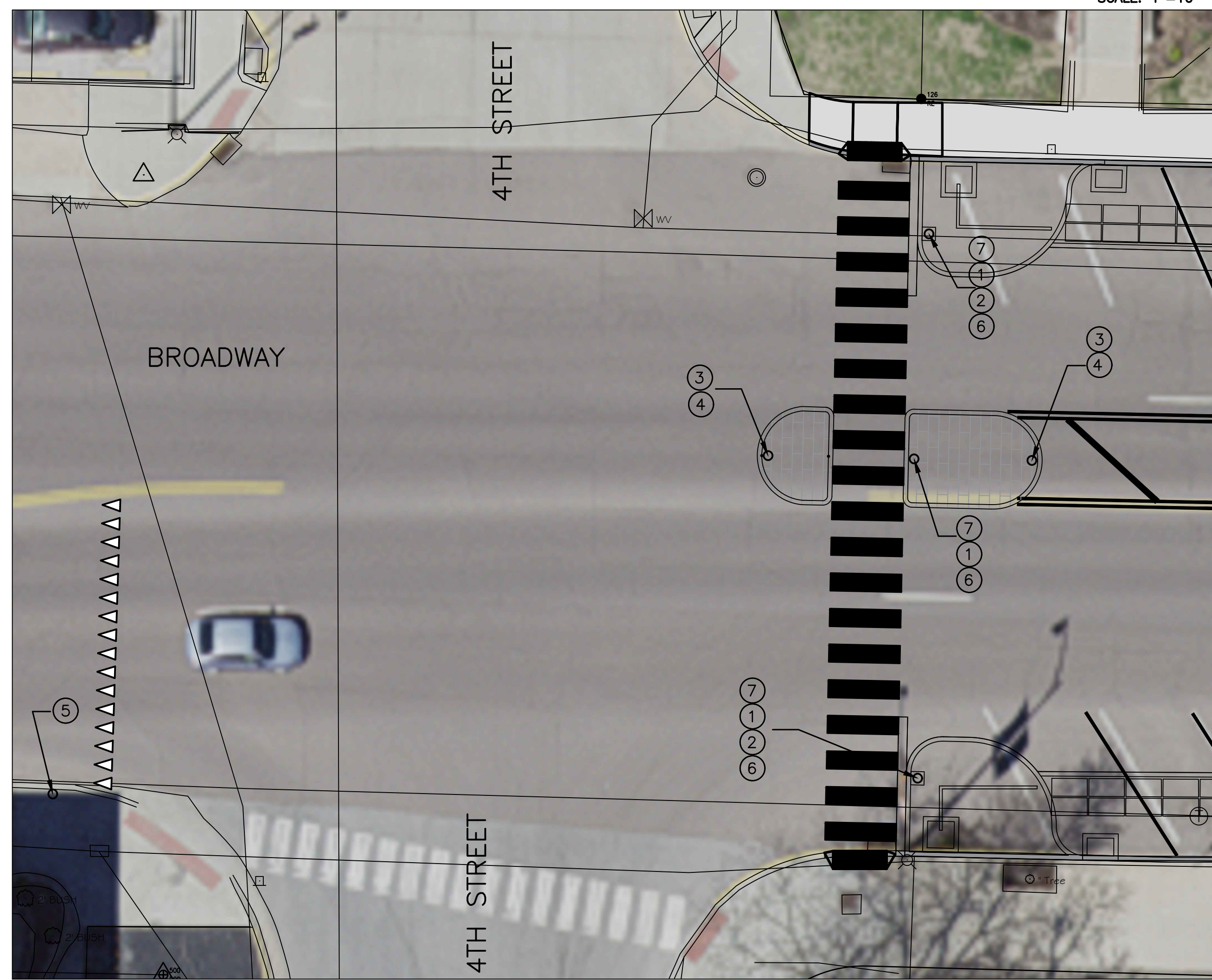
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2011 Orthophoto Source: Boone County Assessor

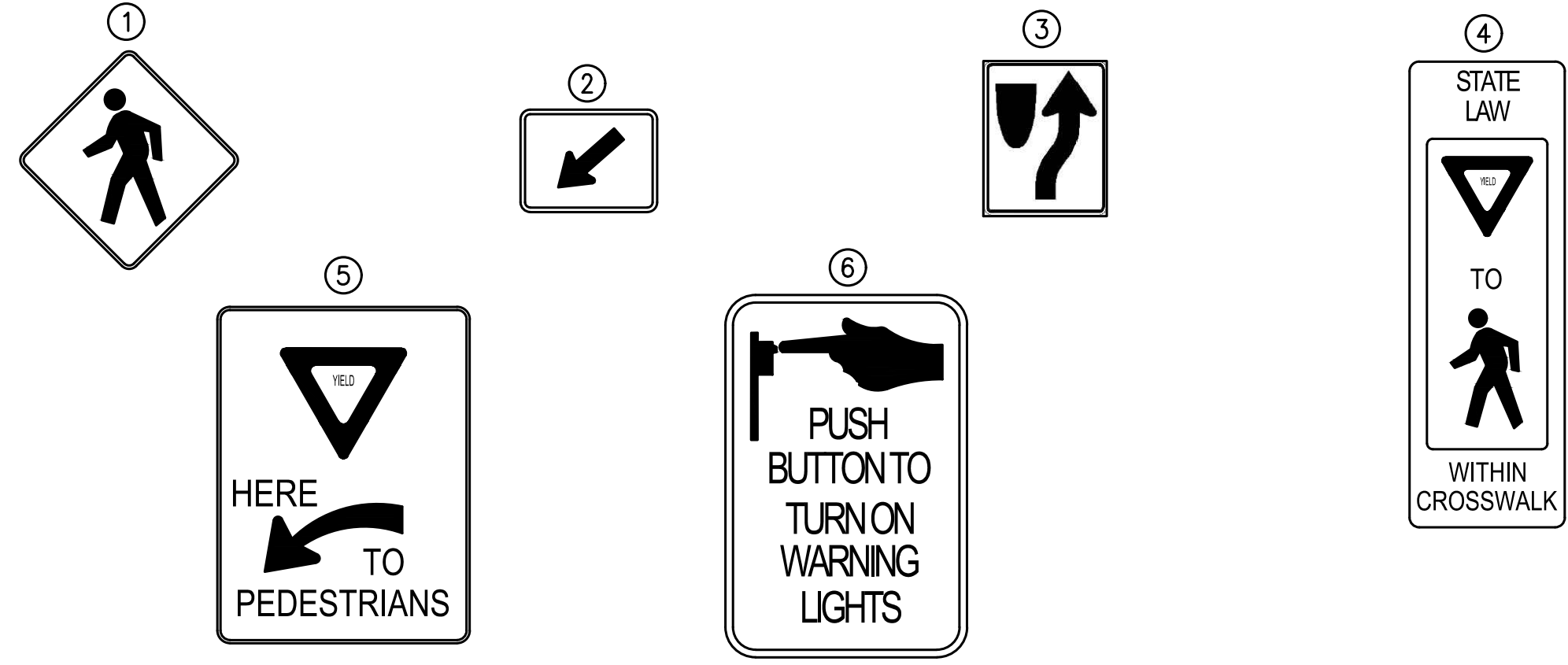


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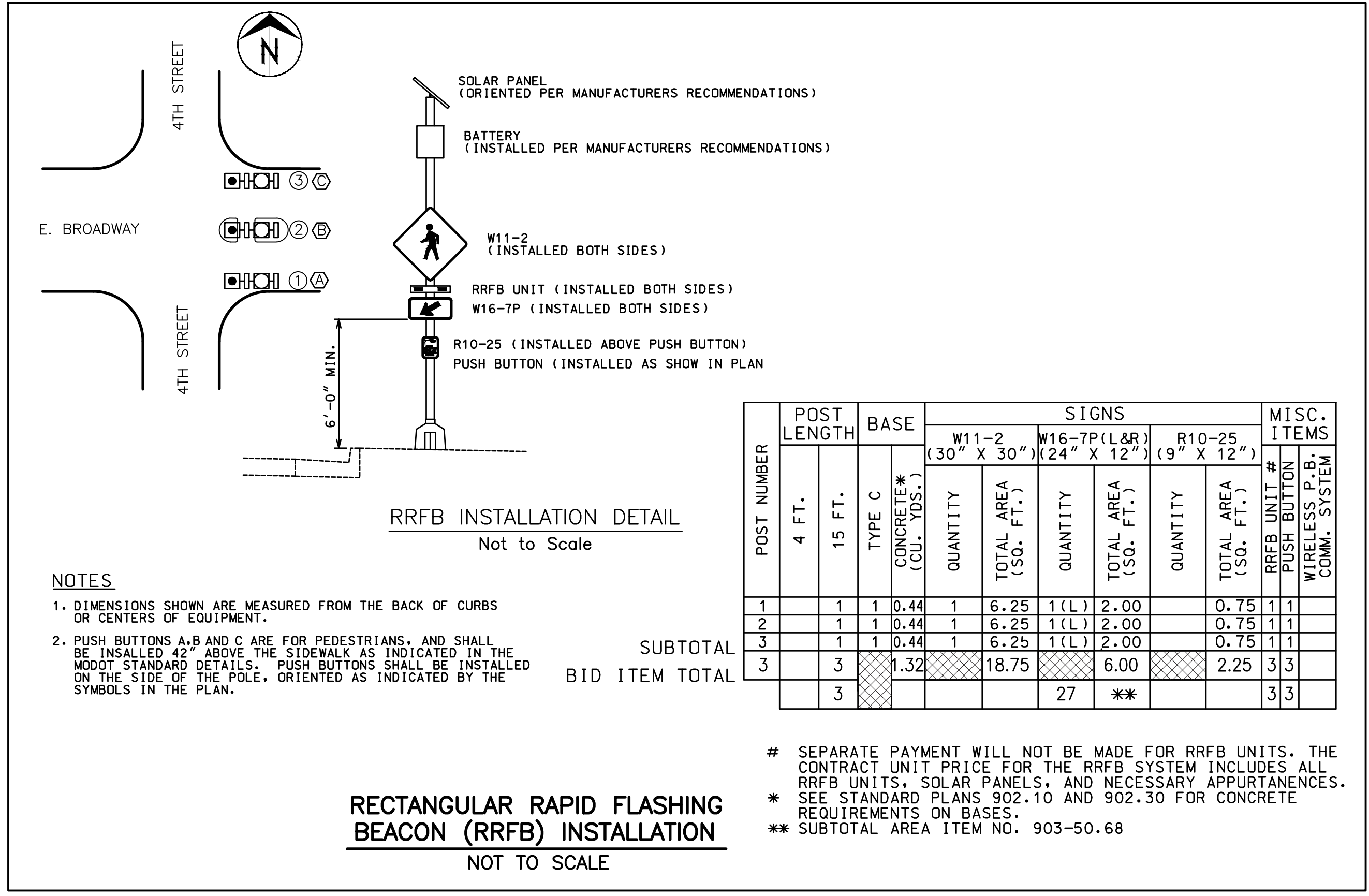


MUTCD CODE	DESCRIPTION	QTY.
① W11-2 (FYG)	PEDESTRIAN CROSSING	6 (INSTALLED ON BOTH SIDES OF POLE)
② W16-7P (FYG)	DIRECTIONAL ARROW	4 (INSTALLED ON BOTH SIDES OF POLE)
③ R4-7	KEEP RIGHT	1
④ R1-6	IN-STREET PED CROSSING	2
⑤ R1-5a	YIELD HERE TO PEDESTRIANS	1
⑥ R10-25	PUSH BUTTON TO TURN ON WARNING LIGHTS	3
⑦	RAPID FLASHING BEACON	3

FYG = FLUORESCENT YELLOW GREEN



⑦: RECTANGULAR RAPID FLASHING BEACON DETAIL (NOT TO SCALE)



NOTES

- DIMENSIONS SHOWN ARE MEASURED FROM THE BACK OF CURBS OR CENTERS OF EQUIPMENT.
- PUSH BUTTONS A, B AND C ARE FOR PEDESTRIANS, AND SHALL BE INSTALLED 42" ABOVE THE SIDEWALK AS INDICATED IN THE MDDOT STANDARD DETAILS. PUSH BUTTONS SHALL BE INSTALLED ON THE SIDE OF THE POLE, ORIENTED AS INDICATED BY THE SYMBOLS IN THE PLAN.

POST NUMBER	POST LENGTH		BASE	SIGNS				MISC. ITEMS
	4 FT.	15 FT.		W11-2 (30" X 30")	W16-7P (L&R) (24" X 12")	R10-25 (9" X 12")	PUSH BUTTON	
1	1	1	0.44	1	6.25	1(L) 2.00	0.75	1 1
2	1	1	0.44	1	6.25	1(L) 2.00	0.75	1 1
3	1	1	0.44	1	6.25	1(L) 2.00	0.75	1 1
SUBTOTAL								
3			1.32	18.75	6.00	2.25	3 3	
3					27 **			

BID ITEM TOTAL

RECTANGULAR RAPID FLASHING BEACON (RRFB) INSTALLATION NOT TO SCALE

SEPARATE PAYMENT WILL NOT BE MADE FOR RRFB UNITS. THE CONTRACT UNIT PRICE FOR THE RRFB SYSTEM INCLUDES ALL RRFB UNITS, SOLAR PANELS, AND NECESSARY APPURTENANCES. SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
** SUBTOTAL AREA ITEM NO. 903-50.68

Revision	By	Date	No.

City of Columbia, Missouri
Department of Public Works
Fourth Street and Broadway Crossing
Crosswalk Sign Detail Sheet

David Allen Nichols
Registered Professional Engineer
E-24212

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Date: 11/5/2020
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