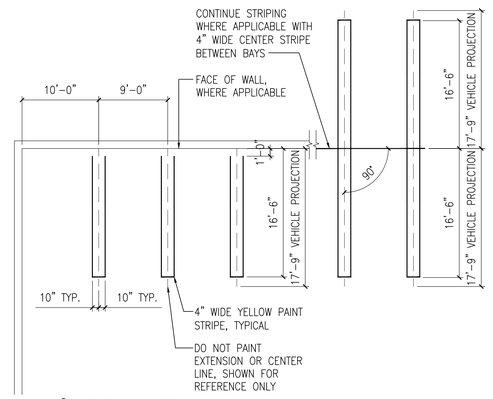


1 90° STRIPING DETAIL

1/8"=1'-0"

PARKING SPACE SUMMARY				
DESCRIPTION	EXPANSION 2	EXPANSION 1		
		(BEFORE EXPANSION 2)	(AFTER EXPANSION 2)	NET PARKING SPACE CHANGE
LEVEL A	50	75	68	-7
LEVEL B	59	75	68	-7
LEVEL C	59	75	68	-8
LEVEL D	59	78	71	-7
LEVEL E	119	59 SPACES IN EXPANSION NO. 2 60 SPACES OVER EXISTING EXPANSION NO. 1		
GARAGE TOTAL:	346	303	275	-29

NET GAIN: 317

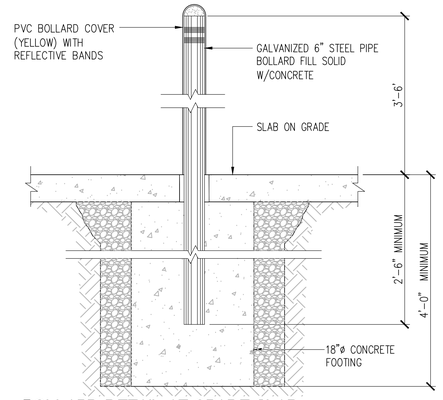
EXISTING PARKING SPACE SUMMARY	
DESCRIPTION	EXPANSION 1
LEVEL A	75
LEVEL B	75
LEVEL C	75
LEVEL D	78
GARAGE TOTAL:	303

2 PARKING SPACE SUMMARY

NTS

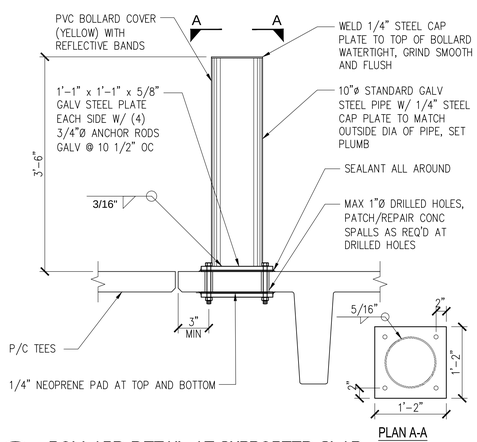
SIGNAGE GENERAL NOTES

1. SIGN MOUNTING HEIGHT TO BE 2" ABOVE BOTTOM OF TEE STEM UNLESS NOTED OTHERWISE.
2. SIGN CONTRACTOR SHALL REVIEW SIGN LOCATIONS PRIOR TO INSTALLATION WITH CONTRACTOR TO COORDINATE WITH LIGHTING SYSTEM.
3. SIGNS SHALL BE MOUNTED LEVEL AND PLUMB, UNLESS NOTED.
4. WHERE TWO (2) SIGNS ARE MOUNTED BACK TO BACK, SMALLEST L DIMENSION SHALL INCREASE TO MATCH LARGEST L DIMENSIONS.
5. MAXIMUM BOLT INSERT EMBEDMENT LENGTH 1-1/4", UNLESS NOTED.
6. DO NOT SCALE DRAWINGS.
7. BACKS AND EDGES OF ALL ALUMINUM SIGNS MOUNTED DIRECTLY TO STRUCTURE SHALL BE PAINTED (SIGN BACKGROUND COLOR) TO PREVENT CATHODIC REACTION.
8. SEE ARCHITECTURAL PLANS; A-101 THRU A-105 FOR SIGN LOCATIONS.
9. ALL SIGN TEXT TO BE HELVETICA MEDIUM OR FRUTIGER LT 55 ROMAN (UPPER AND LOWER CASE) UNLESS NOTED OTHERWISE.
10. COLORS TO MATCH SIGNS IN EXISTING STRUCTURE.
11. CONTRACTOR TO CONFIRM CLEARANCE AND TO INSTALL ALL SIGNAGE THAT REQUIRES MOUNTING DETAIL 5C/AP-101 A MINIMUM OF 2" ABOVE ACTUAL PARKING STRUCTURE VERTICAL CLEARANCE.



3 BOLLARD DETAIL AT GRADE SLAB

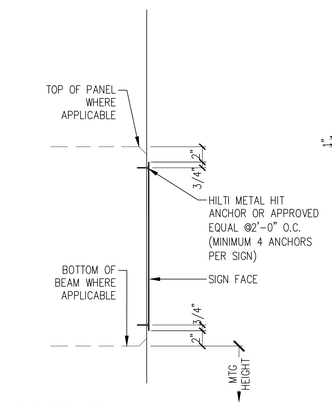
1"=1'-0"



4 BOLLARD DETAIL AT SUPPORTED SLAB

1"=1'-0"

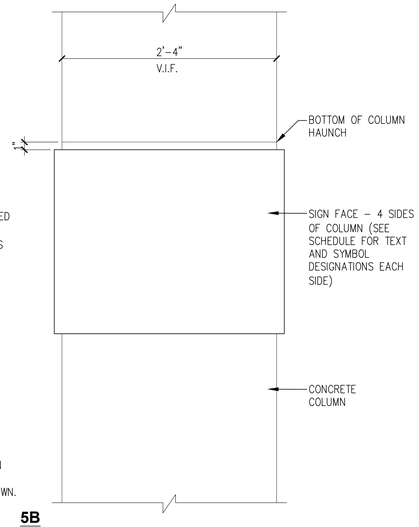
BOLLARD SCHEDULE		
LEVEL	BOLLARD TYPE	
	AT GRADE SLAB [DETAIL 3/AP-101]	AT SUPPORTED SLAB [DETAIL 4/AP-101]
LEVEL AA	16	0
LEVEL BB	0	8
LEVEL CC	0	8
LEVEL DD | D	0	18
LEVEL EE | E	0	27
GARAGE TOTAL	16	61



CONTRACTOR NOTE:

1. DO NOT OVERDRIVE ANCHORS. OVERDRIVEN ANCHORS WILL DAMAGE SIGNS.
2. WHERE TOP OF PANEL OR BOTTOM OF BEAM CONDITION OCCURS, MAINTAIN A CONSTANT 2" DIMENSION FROM TOP OF PANEL OR BOTTOM OF BEAM TO SIGN AS SHOWN.

5A



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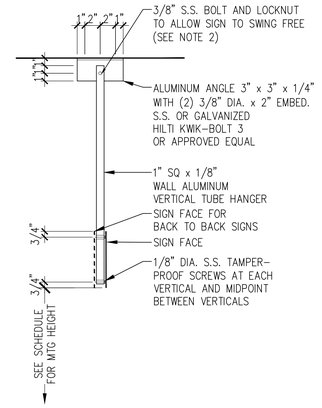


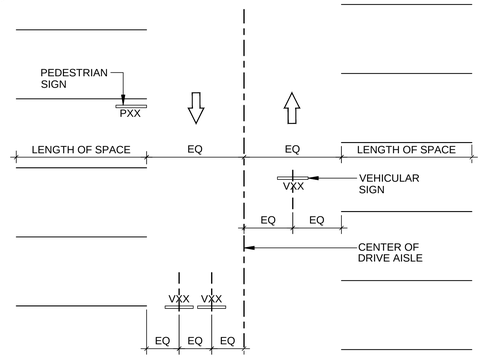
NOTES:

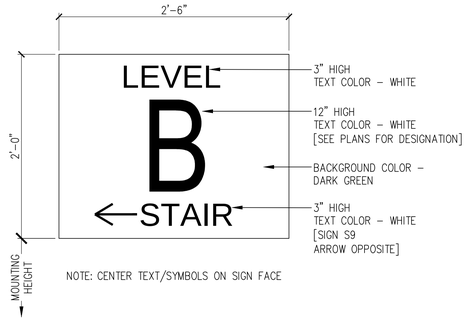
1. HANGER SPACING 2'-0" O.C. MAX. – MIN. (2) HANGERS PER SIGN
2. OPTIONAL HANGER CONNECTION – 3/8" STAINLESS STEEL CLEVIS PIN WITH HAIRPIN COTTER
3. MAX. SIGN CANTILEVER 1'-0"
4. ALUMINUM TUBING SHALL BE SQUARE CORNER EXTRUDED 6063-T52 OR 6061-T6. ALUMINUM ANGLE SHALL BE EXTRUDED 6061-T6. STAINLESS STEEL HARDWARE SHALL BE 300 SERIES MATERIAL.
5. USE NEOPRENE PAD BETWEEN ALUMINUM BRACKET ANGLE AND CONCRETE MOUNTING SURFACE.

5C

5 SIGN MOUNTING DETAILS

1-1/2"=1'-0"



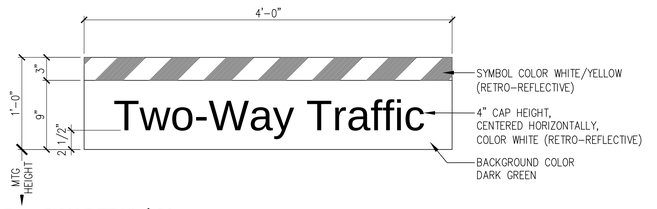


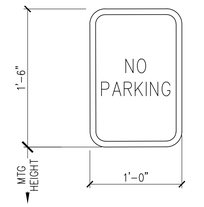
6 SIGN LOCATION DETAIL

1/8"=1'-0"

7 SIGN DETAIL | S8 AND S9

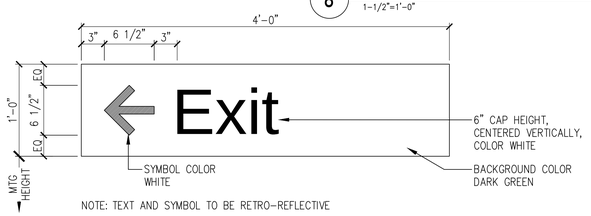
1-1/2"=1'-0"





8 SIGN DETAIL | S3

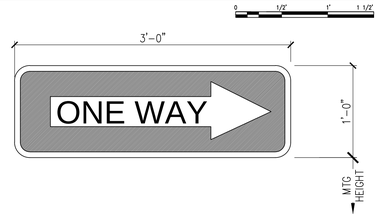
1-1/2"=1'-0"

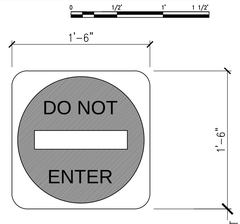


NOTE: TEXT AND SYMBOL TO BE RETRO-REFLECTIVE

9 SIGN DETAIL | S7

1-1/2"=1'-0"





10 SIGN DETAIL | S1 AND S2

1-1/2"=1'-0"

11 SIGN DETAIL | S4 AND S5

1-1/2"=1'-0"

12 SIGN DETAIL | S6

1-1/2"=1'-0"

SIGN SCHEDULE								
MARK	SIZE		TEXT / MESSAGE	SIGN TYPE	MOUNTING		SIGN DETAIL	REMARKS
	W	L			DETAIL	HEIGHT		
S1	1'-0"	4'-0"	← EXIT	V	5C/AP-101	8'-2"	10/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S2	1'-0"	4'-0"	EXIT →	V	5C/AP-101	8'-2"	10/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S3	1'-0"	4'-0"	TWO-WAY TRAFFIC	V	5C/AP-101	8'-2"	8/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S4	1'-0"	3'-0"	ONE WAY →	R	5C/AP-101	8'-2"	11/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S5 / S5a	1'-0"	3'-0"	ONE WAY →	R	5A/AP-101	5'-0"	11/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S6	1'-6"	1'-6"	DO NOT ENTER	R	5C/AP-101	8'-2"	12/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S7	1'-6"	1'-0"	NO PARKING	R	5A/AP-101	4'-0"	9/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S8	2'-0"	2'-6"	LEVEL DESIGNATION	PP	5B/AP-101		7/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S9	2'-0"	2'-6"	LEVEL DESIGNATION	PP	5B/AP-101		7/AP-101	MATCH EXISTING STYLE, SIZE AND MOUNTING
S10			PROJECT SIGN	PP				LOCATE IN FIELD WITH OWNER

SIGN TYPE LEGEND

MARK	TYPE
V	VEHICULAR (RETROREFLECTIVE TEXT ONLY)
R	REGULATORY (RETROREFLECTIVE)
PP	PEDESTRAIN PANEL

Revisions:	Date
100% FINAL BID DOCUMENTS	08-18-2017
100% BID DOCUMENTS-NOT FOR CONSTRUCTION	07-24-2017
95% CONSTRUCTION DOCUMENTS SUBMISSION	06-15-2017
65% DESIGN DEVELOPMENT SUBMISSION	04-19-2017
35% SCHEMATIC DESIGN SUBMISSION	03-06-2017

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Bancroft-AE Project No. 16-121
VA CONTRACT NO. VA250-17-C-0008

Drawing Title	SIGN SCHEDULE AND DETAILS, STRIPING DETAIL AND PARKING SUMMARY
Approved: Project Director	
Project Title	CONSTRUCT NORTH PARKING STRUCTURE
Location	ANN ARBOR, MICHIGAN
Date	08-18-2017
Checked	EM
Drawn	AG
Project Number	506-331
Building Number	29
Drawing Number	AP-101

Office of Construction and Facilities Management

Department of Veterans Affairs

100% FINAL BID DOCUMENTS

K:\CCC-PROJECTS\2016\16-121 - WA2516R0030 - Ann Arbor Parking Garage 506-331\400- Design Documents\402- Drawings\WORKING\506-331-A101.dwg 8-16-17 01:14:55 PM AGingrich
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
VA FORM 08-6231