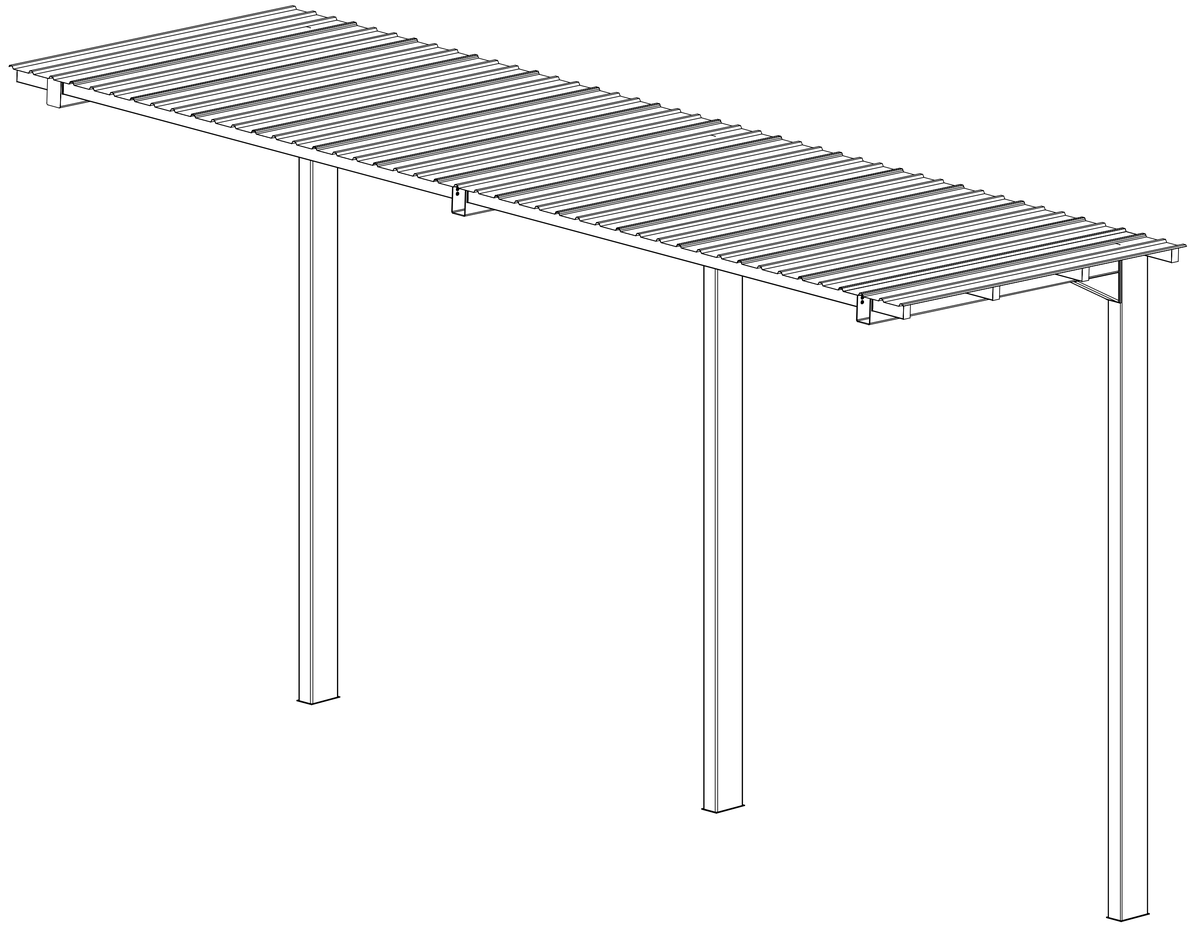
poligon®

DSA PRE-APPROVED WALKWAY COVER(CWC) PC #02-113593



THIS DOCUMENT ILLUSTRATES THE FLEXIBLE GEOMETRY AND VARIOUS OPTIONS PERMITTED WITH OUR PC STRUCTURE.
PLEASE USE IT TO HELP DETERMINE IF OUR PC STRUCTURE IS A VIABLE OPTION FOR YOUR PROJECT.

MORE INFORMATION AVAILABLE
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FOR REFERENCE ONLY
BASED ON PC # 02-113593
CANNOT BE SUBMITTED TO DSA

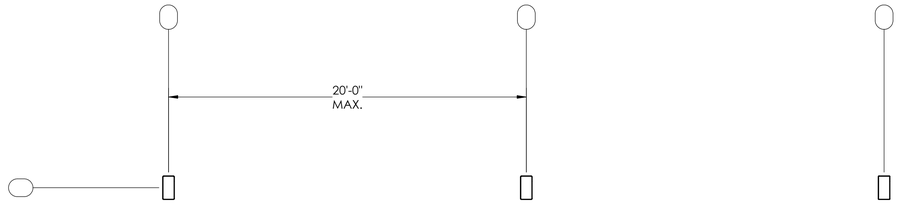
SCHEMATIC DRAWINGS
WALKWAY COVER
(CWC)

COVER SHEET

VERSION: A

DRAWN BY: keichr

PD1.0

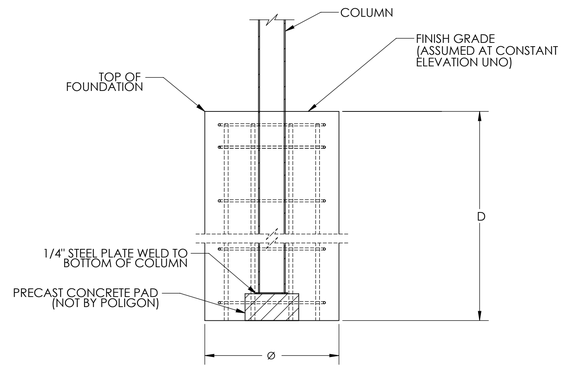


COLUMN PLAN

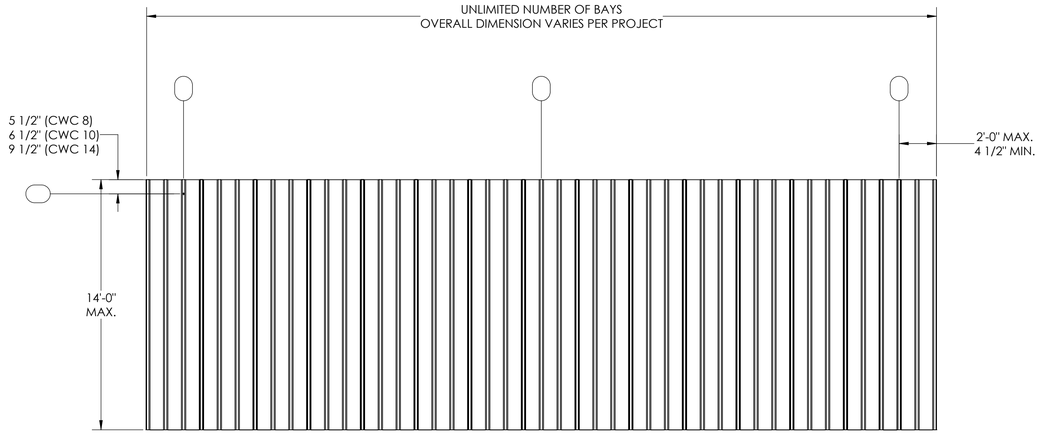
FOUNDATION NOTES:

1. TOP OF ALL FOUNDATIONS MUST BE CONSTRUCTED AT ONE COMMON ELEVATION.
2. ALL FOUNDATIONS MUST BE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE (UNO).
3. FOUNDATION MATERIAL AND INSTALLATION NOT BY POLIGON.
4. FOUNDATION SIZES SHOWN BELOW REFLECT THE APPROVED PC DRAWINGS.
5. THE APPROPRIATE 'LOAD SCENARIO' FOR YOUR PROJECT WILL BE DETERMINED BY COMPLETING THE INSTRUCTIONS ON THE COVER SHEET OF THE PC DRAWINGS. IN GENERAL, FOUNDATION SIZES INCREASE IN REGIONS WITH MORE SEISMIC ACTIVITY.

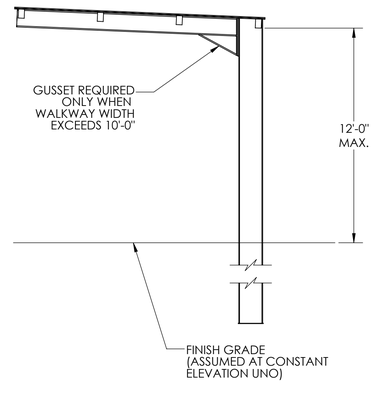
FOUNDATION DETAILS:



DRILLED PIER FOUNDATION SIZES						
LOAD SCENARIO	CWC 8		CWC 10		CWC 14	
	DIAMETER (∅)	DEPTH (D)	DIAMETER (∅)	DEPTH (D)	DIAMETER (∅)	DEPTH (D)
1	2'-0"	11'-0"	2'-0"	12'-0"	3'-0"	12'-6"
2	2'-0"	12'-0"	2'-0"	13'-6"	3'-0"	14'-6"
3	2'-0"	12'-0"	2'-0"	13'-6"	3'-0"	14'-6"
4	2'-0"	12'-0"	2'-0"	13'-6"	3'-0"	14'-6"



ROOF PLAN



ELEVATION

MORE INFORMATION AVAILABLE
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SCHEMATIC DRAWINGS

WALKWAY COVER
(CWC)

PLANS AND ELEVATIONS

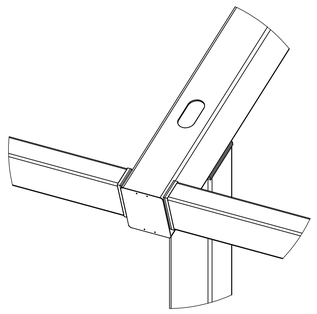
VERSION: A

DRAWN BY: Kelchr

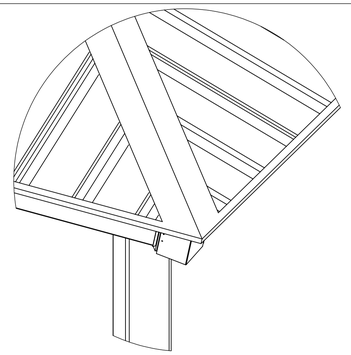
PD2.0

POLIGON ADVANTAGES

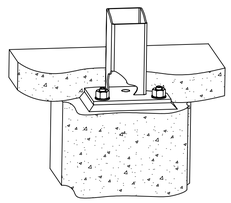
DESIGN



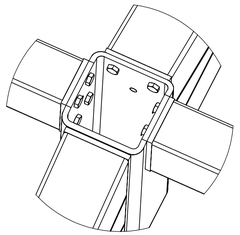
BOLTS CONCEALED INSIDE MEMBERS 1



EAVE BEAMS INCLUDED 2

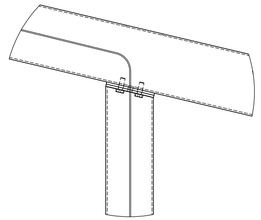


ANCHOR BOLTS NOT VISIBLE AT GRADE 3

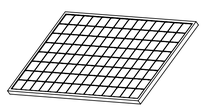


EASY ACCESS TO BOLTED CONNECTIONS 4

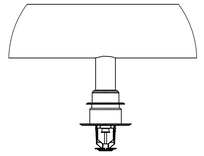
OPTIONS



INTERNAL ELECTRICAL ACCESS 5



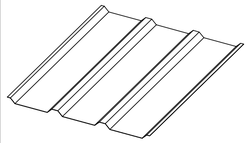
SOLAR PANELS



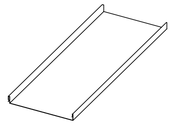
FIRE SUPPRESSION

LIGHTING FIXTURES

DESIGNED TO SUPPORT ADDITIONAL LOADS 6

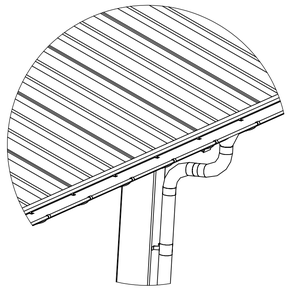


MULTI-RIB



STANDING SEAM

TWO ROOF TYPES AVAILABLE 7



INTEGRATED GUTTERS 8

1. CONCEALED BOLTED CONNECTIONS PROVIDE A CLEAN AESTHETIC.
2. EAVE BEAMS PROVIDE A SUPERIOR LOOK AND ATTACHMENT POINT FOR GUTTERS.
3. ANCHOR BOLTS ARE DETAILED 8" BELOW GRADE. BURIED COLUMNS DO USE ANCHOR BOLTS.
4. EASY ACCESS TO CONNECTIONS SIMPLIFIES TIGHTENING AND REDUCES INSTALLLATION TIMES.

5. INTERNAL ELECTRICAL ACCESS ALLOWS FOR LIGHTING WITHOUT UNSIGHTLY EXPOSED CONDUIT.
6. DEPENDING ON GEOGRAPHIC REGION, THE PC STRUCTURES CAN SUPPORT ADDITIONAL LOADS.
7. ROOF TYPE OPTIONS PROVIDE THE ARCHITECT FLEXIBILITY WITHOUT ALTERING THE STRUCTURE.
8. INTEGRATED GUTTERS PROVIDE A SIMPLE SOLUTION AND DECREASE REQUIRED COORDINATION.

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WALKWAY COVER (CWC)

POLIGON ADVANTAGES

DRAWN BY: kelchr

VERSION: A

PD3.0