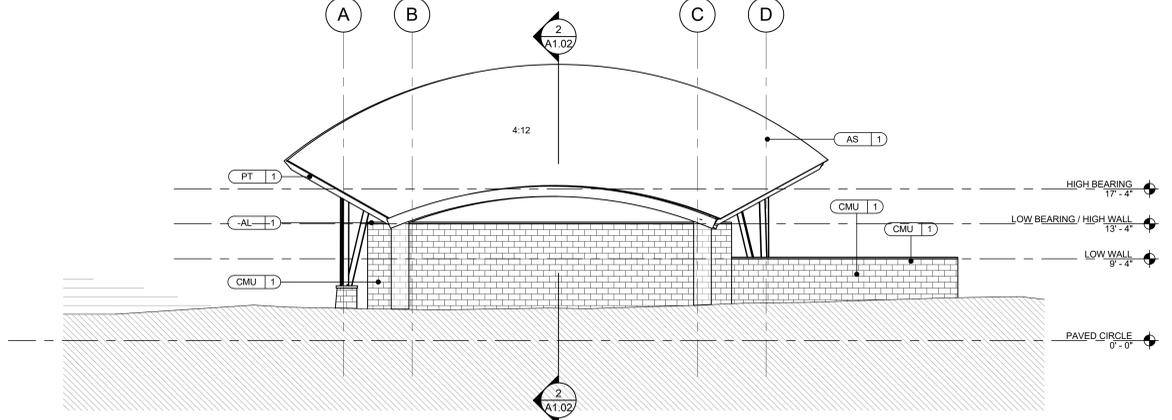
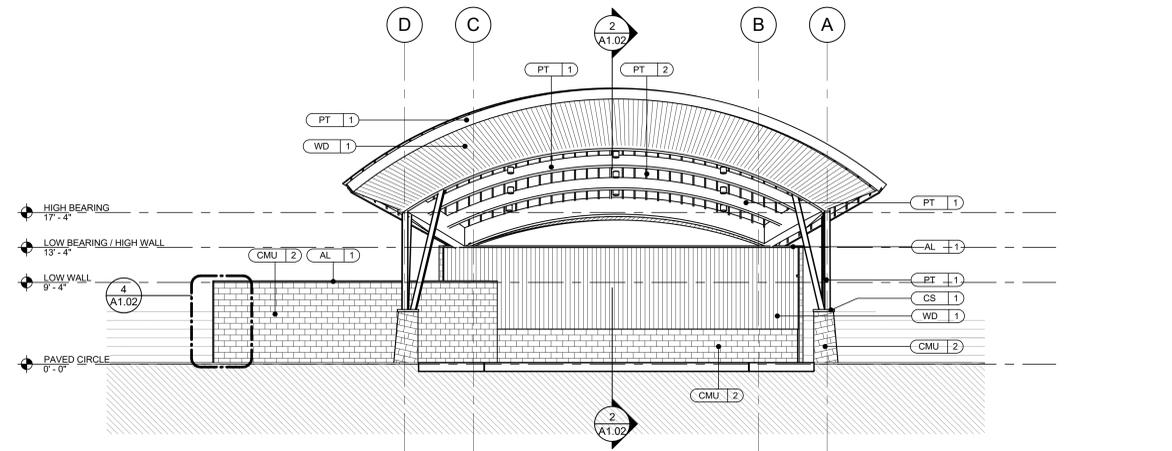


7 SOUTH ELEVATION
A1.02 SCALE: 1/8" = 1'-0"

6 NORTH ELEVATION
A1.02 SCALE: 1/8" = 1'-0"



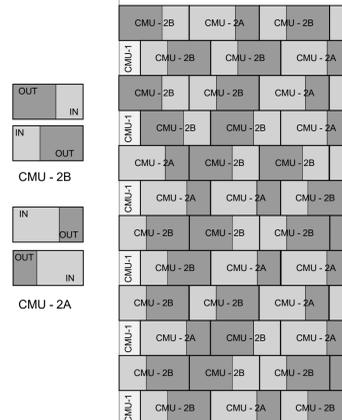
5 WEST ELEVATION
A1.02 SCALE: 1/8" = 1'-0"



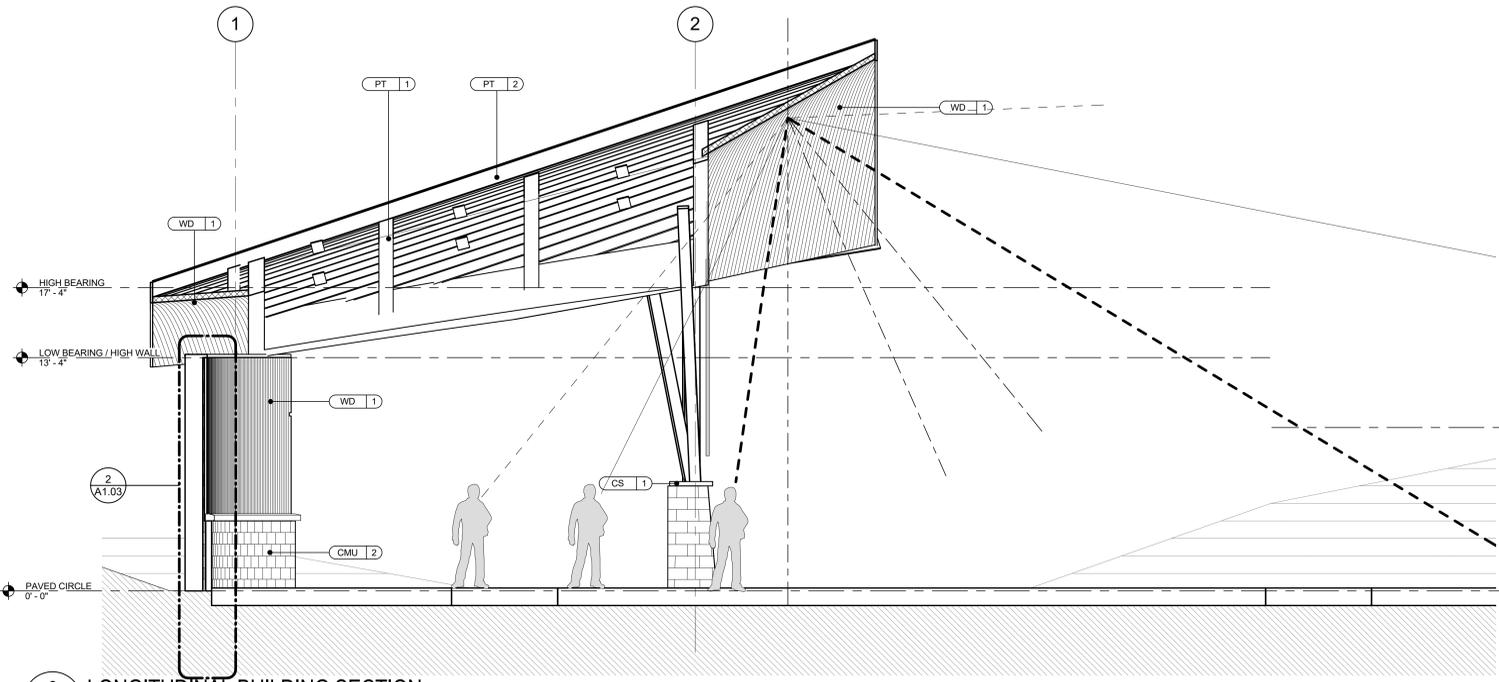
3 EAST ELEVATION
A1.02 SCALE: 1/8" = 1'-0"

EXTERIOR FINISH SCHEDULE THESE LOCATIONS ARE TYPICAL OF ENTIRE PROJECT

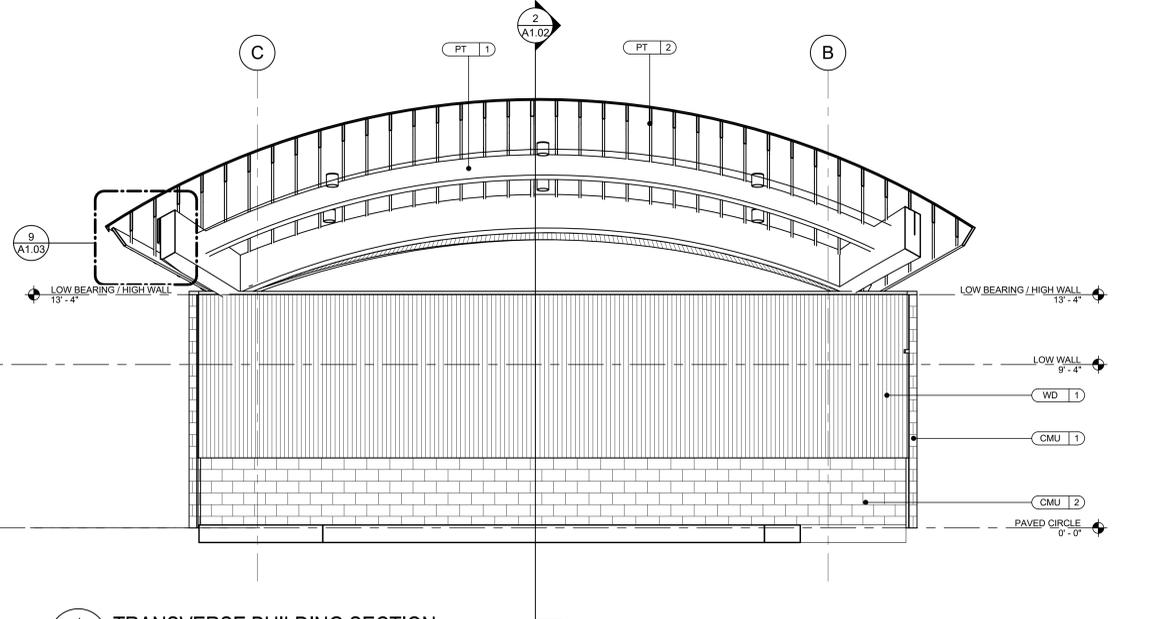
SYMBOL	MATERIAL	MANUFACTURER	STYLE	COLOR
CMU-1	SPLIT FACE CMU	GRAND BLANC	SPLIT-FACE	*ARCHITECT TO SELECT COLOR FROM MANF. FULL COLOR RANGE TO MATCH EXISTING BUILDING
CMU-2	CASTLE-ROCK CMU	GRAND BLANC	CASTLE-ROCK	*ARCHITECT TO SELECT COLOR FROM MANF. FULL COLOR RANGE TO MATCH EXISTING BUILDING
PT-1	PAINT	-	EXTERIOR GRADE	*ARCHITECT TO SELECT COLOR FROM MANF. FULL COLOR RANGE TO MATCH EXISTING BUILDING
PT-2	PAINT	-	EXTERIOR GRADE	*ARCHITECT TO SELECT COLOR FROM MANF. FULL COLOR RANGE TO MATCH EXISTING BUILDING
CS-1	CAST STONE	-	PREFINISHED	*ARCHITECT TO SELECT COLOR FROM MANF. FULL COLOR RANGE TO MATCH EXISTING BUILDING
AL-1	METAL TRIM	ATAS	PREFINISHED	*ARCHITECT TO SELECT COLOR FROM MANF. FULL COLOR RANGE TO MATCH EXISTING BUILDING
WD-1	PLAIN CEDAR PLANKS	-	CLEAR HARD GRADE 'A'	*ARCHITECT TO SELECT COLOR FROM MANF. FULL COLOR RANGE TO MATCH EXISTING BUILDING



4 TYPICAL CMU-2 PATTERN
A1.02 SCALE: 3/4" = 1'-0"



2 LONGITUDINAL BUILDING SECTION
A1.02 SCALE: 1/4" = 1'-0"



1 TRANSVERSE BUILDING SECTION
A1.02 SCALE: 1/4" = 1'-0"

revisions / issues

no.	description	date
1	BID / PERMIT	11.10.16



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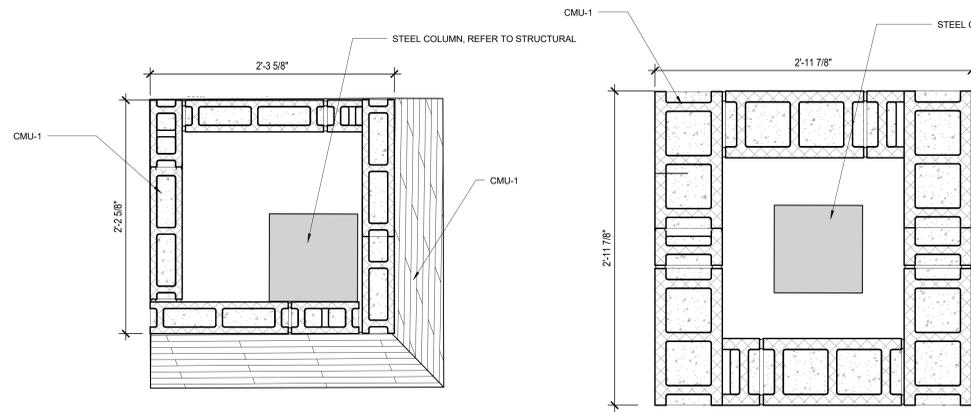


The Grove Amphitheatre - Bandshell

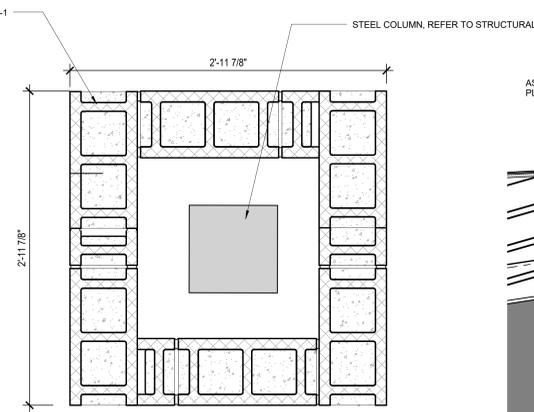
Mayfield Village
425 N Commons Blvd, Mayfield Village, OH 44114
MELD project number: 16001

Sheet Name:
BANDSHELL ELEVATIONS

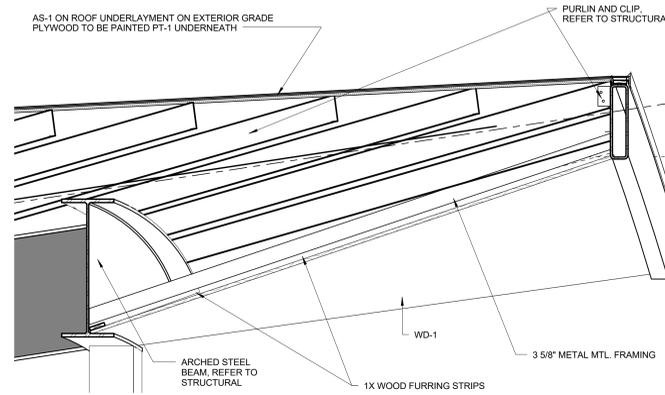
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A1.02



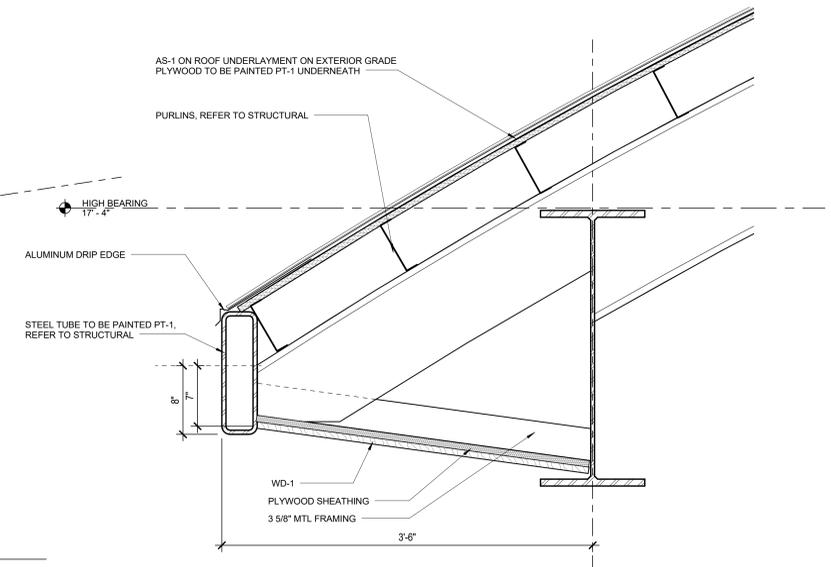
COLUMN BASE AT 6'-8" A.F.F.



COLUMN BASE AT TOP OF FOOTING

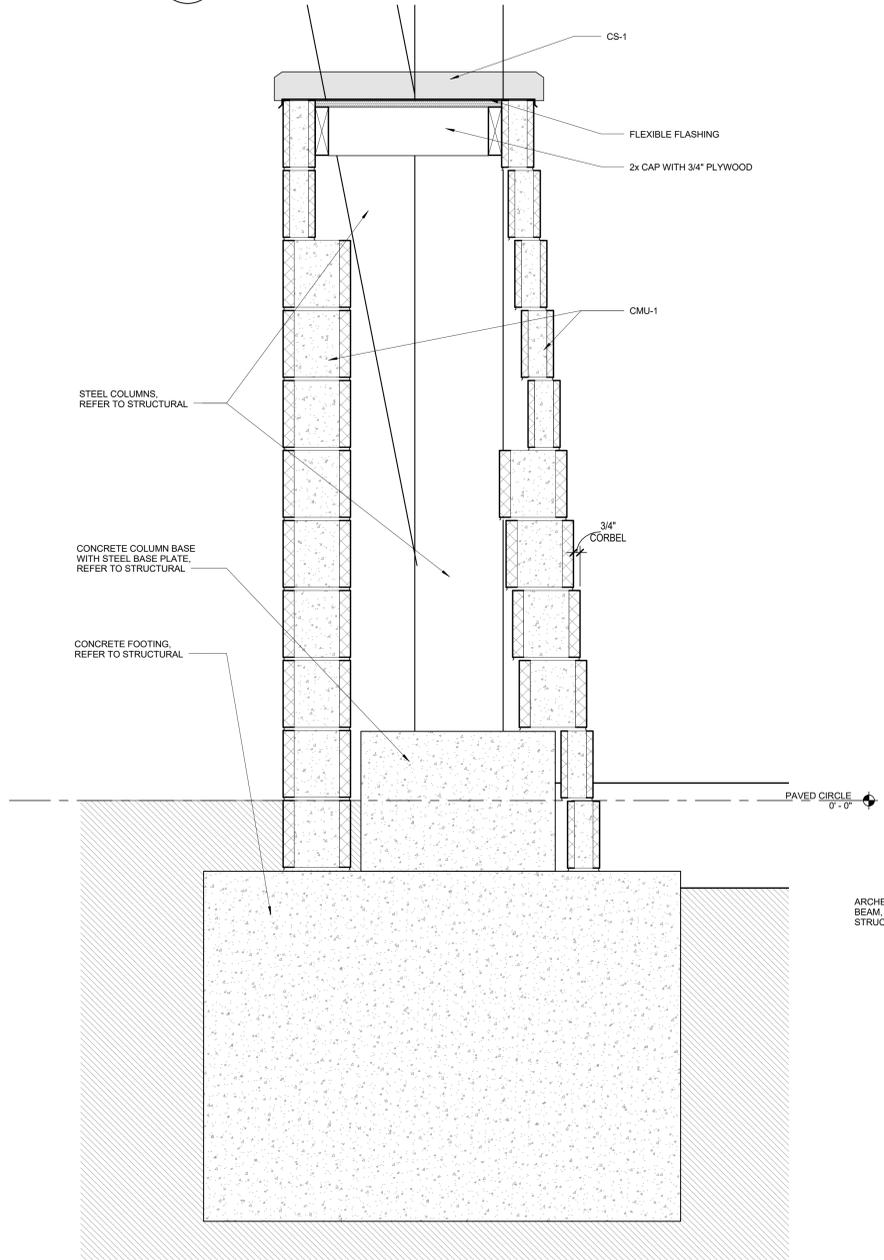


10 FRONT SOFFIT DETAIL - PERPENDICULAR TO SUPPORTING BEAM
SCALE: 3/4" = 1'-0"

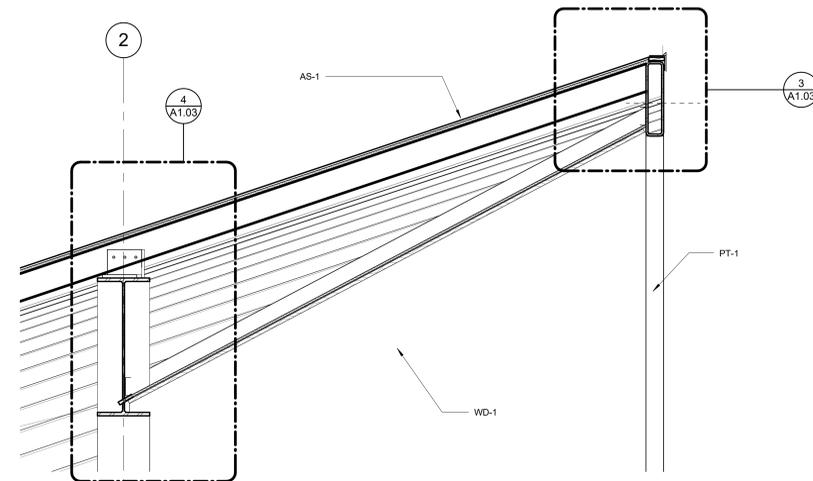


9 ENLARGED SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"

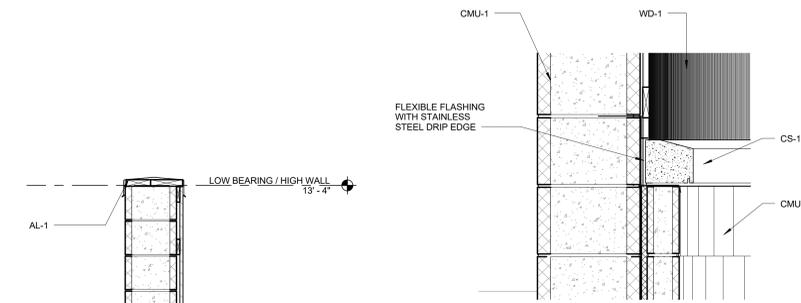
11 COLUMN BASE PLAN
SCALE: 1 1/2" = 1'-0"



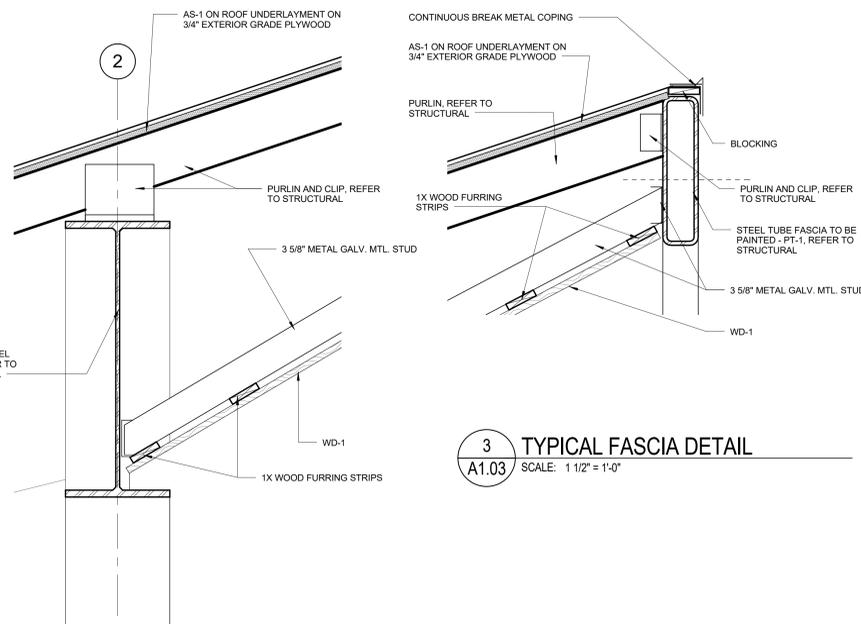
5 COLUMN BASE DETAIL
SCALE: 1 1/2" = 1'-0"



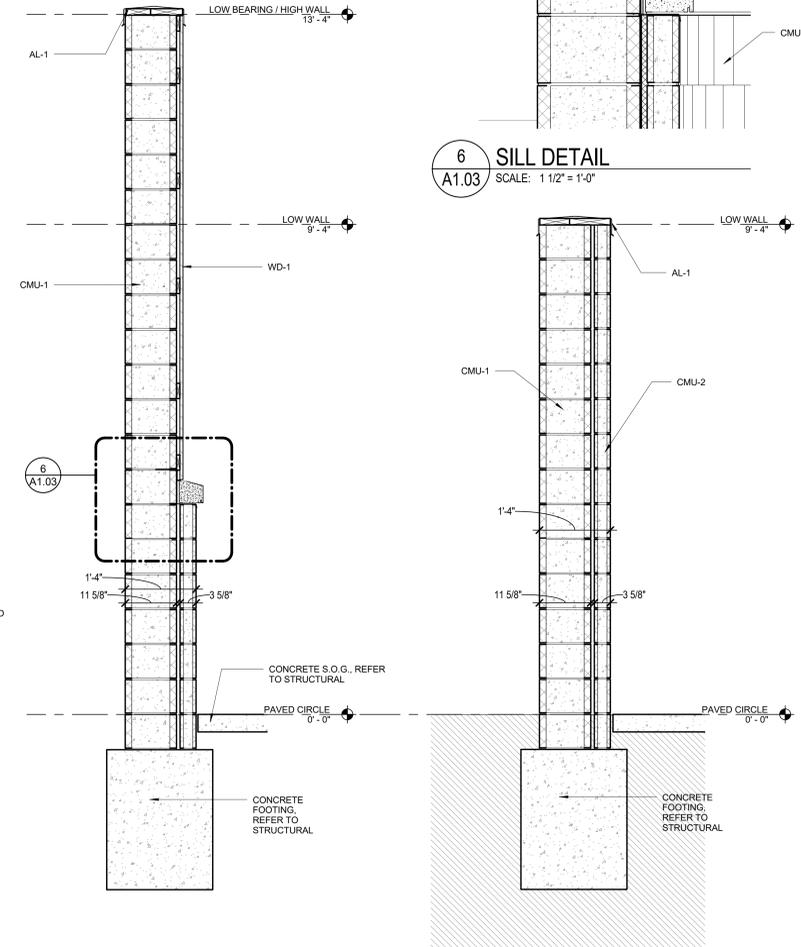
8 FRONT SOFFIT DETAIL - PERPENDICULAR TO CENTERLINE
SCALE: 3/4" = 1'-0"



6 SILL DETAIL
SCALE: 1 1/2" = 1'-0"



3 TYPICAL FASCIA DETAIL
SCALE: 1 1/2" = 1'-0"



2 TYPICAL WALL SECTION - HIGH WALL
SCALE: 3/4" = 1'-0"

1 TYPICAL WALL SECTION - LOW WALL
SCALE: 3/4" = 1'-0"

revisions / issues		
no.	description	date



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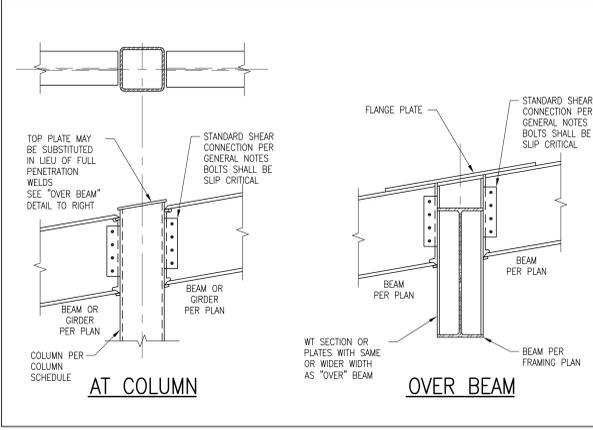
The Grove Amphitheatre - Bandshell

Mayfield Village
425 N Commons Blvd, Mayfield Village, OH 44143
MELD project number: 16001

GENERAL NOTES

(TYPICAL UNLESS NOTED OTHERWISE)

STEEL FRAMING FULL MOMENT CONNECTIONS



APPLICABLE BUILDING CODE: 2011 OHIO BUILDING CODE
 BUILDING OCCUPANCY CATEGORY: I
 FLOOR LIVE LOADS:

FLOOR OR DESIGNATED AREA	UNIFORM (PSF)	CONCENTRATED (LBS)	IMPACT (%)
STAGE	125	N.A.	N.A.

ROOF LIVE LOAD: 30 PSF, MIN.
 SNOW LOAD:
 P_f = GREATER 0.7(s)(C_e)(C_p)(P_s) OR (s)(P_g)
 SNOW LOAD IMPORTANCE FACTOR: I_s = 0.8
 SNOW EXPOSURE FACTOR: C_e = 1.0
 THERMAL FACTOR: C_t = 1.2
 GROUND SNOW LOAD: P_g = 20 PSF

WIND LOAD - MAINFLOOR:
 BASIC WIND SPEED (3-SECOND GUST): V = 90 MPH
 WIND IMPORTANCE FACTOR: I_w = 0.87
 WIND EXPOSURE: B
 INTERNAL PRESSURE COEFFICIENT: C_{pi} = 0.18

WIND LOAD - COMPONENTS AND CLADDING:

ZONE	SIGN	AREA (SF)				
		10	50	75	100	500
ROOF	1	-				
	2	+				
	3	+				
OVERHANG	2	+				
	3	-				
	3	+				
WALL	4	+				
	4	-				
	5	+				

SEISMIC LOAD:
 SEISMIC IMPORTANCE FACTOR: I_e = 1.00
 MAPPED SPECTRAL RESPONSE ACCELERATIONS:
 SHORT PERIOD: S_s = 20.6% g
 1-SECOND PERIOD: S₁ = 5.2% g
 SITE CLASS: 0
 DESIGN SPECTRAL RESPONSE ACCELERATIONS:
 SHORT PERIOD: S_{ds} = 0.165
 1-SECOND PERIOD: S_{d1} = 0.059
 SEISMIC DESIGN CATEGORY: B
 BASIC SEISMIC-FORCE-RESISTING SYSTEM: MOMENT-RESISTING FRAME SYSTEMS
 DESIGN BASE SHEAR: 500 LBS
 SEISMIC RESPONSE COEFFICIENT: C_s = 0.014
 RESPONSE MODIFICATION FACTOR: R = 3.5
 ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

SPECIAL STRUCTURAL INSPECTIONS:
 1. A QUALIFIED INDEPENDENT TESTING AGENCY SHALL PERFORM INSPECTIONS AND ISSUE REPORTS OF THEIR FINDINGS TO THE ARCHITECT AND THE STRUCTURAL ENGINEER OF RECORD.
 2. INSPECTIONS SHALL INCLUDE THE FOLLOWING:
 A. SOIL
 B. CONCRETE
 C. STEEL
 D. STRUCTURAL MASONRY

DESIGN STRESSES:
 CONCRETE:
 WALL AND COLUMN FOOTINGS: f_c' = 3,000 PSI
 REINFORCING BARS: F_y = 60 KSI
 WELDED WIRE REINFORCEMENT (WWR): F_y = 60 KSI
 STEEL:
 WIDE FLANGE SHAPES, ASTM A992: F_y = 50 KSI
 ANGLES AND PLATES, ASTM A36: F_y = 36 KSI
 HOLLOW STRUCTURAL SECTIONS, ASTM A500, GRADE B: F_y = 46 KSI
 STRUCTURAL PIPE, ASTM A53, TYPES E OR S, GRADE B: F_y = 35 KSI
 SOIL BEARING CAPACITY: Q_u = 2,000 PSF

MASONRY:
 1. ALL CONCRETE MASONRY UNIT (CMU) SYSTEMS HAVE BEEN DESIGNED PER THE LATEST EDITION OF THE MASONRY STANDARDS JOINT COMMITTEE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
 2. REINFORCING SHOP DRAWINGS ARE REQUIRED TO BE SUBMITTED FOR REVIEW BY THE ENGINEER OF RECORD. DRAWINGS MUST BE APPROVED PRIOR TO THE FABRICATION AND PLACEMENT OF REINFORCING.

CONCRETE MIXTURES

CONCRETE MIXTURES FOR BUILDING ELEMENTS	
PROPERTY	ELEMENT
MINIMUM CEMENTITIOUS MATERIAL CONTENT (LB/CUBIC YARD)	FOOTINGS
MAXIMUM WATER/CEMENT RATIO	0.50
MINIMUM 28-DAY COMPRESSIVE STRENGTH (PSI)	3,000
SLUMP LIMIT (IN)	5 ±1
AIR CONTENT (%)	5.5 ±1.5
MAXIMUM AGGREGATE SIZE (IN)	1 1/2

GENERAL:
 1. NOTES ARE TYPICAL EXCEPT AS NOTED OTHERWISE ON DRAWINGS.
 2. WHERE INFORMATION SHOWN ON STRUCTURAL DRAWINGS IS IN DISCREPANCY WITH INFORMATION SHOWN ON ANOTHER DISCIPLINE'S DRAWINGS, IT SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM.
 3. COORDINATE STRUCTURAL WORK WITH ALL ARCHITECTURAL DRAWINGS. NOTIFY THE ARCHITECT OF ANY VARIANCES BETWEEN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS.
 4. CONSTRUCTION MANAGER AND/OR GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS ASSOCIATED WITH THE LAYOUT OF THE STRUCTURAL SYSTEMS OF THE BUILDING.
 FOUNDATIONS:
 1. COORDINATE ALL UNDERGROUND WORK WITH FOUNDATION PLACEMENT. REFER TO ARCHITECTURAL DRAWINGS.
 2. ALL FOUNDATIONS HAVE BEEN DESIGNED PER THE RECOMMENDATIONS OF THE SOILS REPORT WRITTEN SPECIFICALLY FOR THIS PROJECT.
 3. ALL FOOTINGS MUST BEAR UPON STABLE, UNDISTURBED SOIL.
 4. NO PIPE SLEEVES OR CONDUITS SHALL BE EMBEDDED IN FOOTINGS.

CONCRETE

1. ALL CONCRETE HAS BEEN DESIGNED PER THE AMERICAN CONCRETE INSTITUTE (ACI) BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-05).
 2. ALL CONCRETE WORK SHALL BE PERFORMED PER THE LATEST EDITION OF AMERICAN CONCRETE INSTITUTE MANUAL OF CONCRETE PRACTICE.
 3. CONCRETE MIX DESIGNS SHALL BE SUBMITTED FOR REVIEW BY THE ENGINEER OF RECORD. MIX DESIGNS MUST BE APPROVED PRIOR TO THE PLACEMENT OF CONCRETE.
 4. REINFORCING SHOP DRAWINGS ARE REQUIRED TO BE SUBMITTED FOR REVIEW BY THE ENGINEER OF RECORD. DRAWINGS MUST BE APPROVED PRIOR TO THE FABRICATION AND PLACEMENT OF REINFORCING.
 5. PROVIDE REINFORCING BAR SUPPORTS AS REQUIRED TO MAINTAIN POSITION AND PROVIDE PROPER CONCRETE COVER.
 6. WELDING OF REINFORCING BARS IS NOT PERMITTED.
 7. ALL REINFORCING BARS SHALL BE DEVELOPED OR LAPPED AS INDICATED ON DRAWINGS.

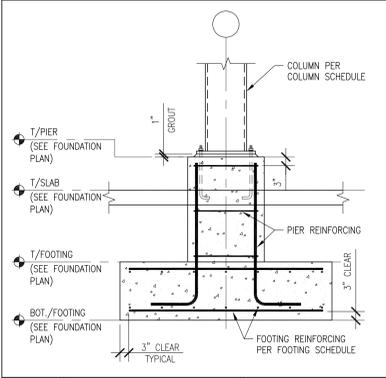
STEEL FRAMING:
 1. ALL STEEL MEMBERS HAVE BEEN DESIGNED PER THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) STEEL CONSTRUCTION MANUAL.
 2. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE PER THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
 3. SHOP DRAWINGS AND CALCULATIONS ARE REQUIRED TO BE SUBMITTED FOR REVIEW BY THE ENGINEER OF RECORD. DRAWINGS MUST BE APPROVED PRIOR TO THE FABRICATION AND ERECTION OF STEEL.
 4. SHEAR CONNECTIONS:
 A. CONNECTIONS SHALL BE PROVIDED PER THE AISC STEEL CONSTRUCTION MANUAL SHEAR CONNECTION TABLES.
 B. CONNECTIONS SHALL BE ADEQUATE TO SUPPORT ONE HALF OF THE UNIFORM LOAD CAPACITY AS LISTED IN THE AISC MANUAL OF STEEL DESIGN UNIFORM LOAD TABLES.
 C. LENGTH OF CONNECTION SHALL BE AT LEAST ONE HALF OF THE "T" DIMENSION OF THE SUPPORTED BEAM.
 D. BOLTS SHALL BE 3/4 INCH DIAMETER ASTM A325N.
 5. MOMENT CONNECTIONS:
 A. CONNECTIONS SHALL DEVELOP THE FULL MOMENT CAPACITY OF THE SUPPORTED MEMBER UNLESS A LESSER VALUE IS GIVEN ON THE DRAWINGS.
 B. BOLTS SHALL BE 3/4 INCH DIAMETER ASTM A325SSC.
 C. ALL WELDING ELECTRODES SHALL BE E70XX.
 6. ALL SHOP AND FIELD WELDING SHOULD MEET THE APPROPRIATE REQUIREMENTS THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE - STEEL AWS D1.1/D1.1M.
 7. ALL SHOP AND FIELD WELDING SHALL BE PERFORMED BY RECENTLY CERTIFIED WELDERS.
 8. PAINTING:
 A. ALL STEEL TO RECEIVE ONE SHOP COAT OF RUST-INHIBITIVE PRIMER.
 B. OMIT PRIMER AT AREAS TO BE FIELD WELDED.
 C. OMIT PRIMER AT SLIP CRITICAL BOLTS.

revisions / issues		
no.	description	date
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COLUMN FOOTING SCHEDULE



MARK	SIZE (L x W x T)	REINFORCING (EACH WAY)
F45	4'-6" x 4'-6" x 1'-0"	5-#6 TOP AND BOTTOM
F50	5'-0" x 5'-0" x 1'-0"	7-#6 TOP AND BOTTOM

COLUMN SCHEDULE

MARK	SIZE	BASE PLATE		ANCHOR RODS	REMARKS
		SIZE	TYPE		
C-1	HSS10x10x1/2	1 1/4"x16"x1'-4"	1	(4) 1"φ	1
C-2	HSS10x10x1/2	1 1/4"x16"x1'-4"	2N	(4) 1"φ	1
C-3	HSS10x10x1/2	1 1/4"x16"x1'-4"	2S	(4) 1"φ	1

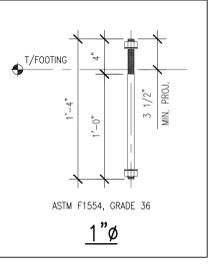
REMARKS:
 1. PROVIDE 1/2" GAP/CLOSURE PLATE.

CONCRETE PIER SCHEDULE

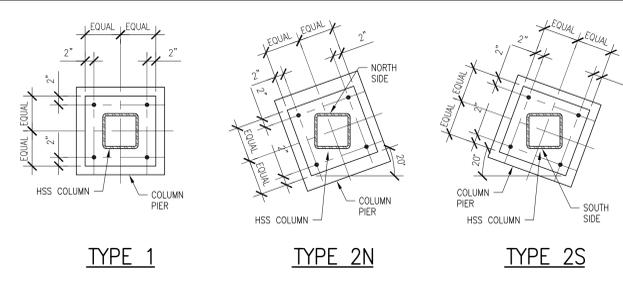
MARK	SIZE	REINFORCING		REMARKS
		VERTICAL	TIES	
P22-22	1'-10"x1'-10"	(6) #6	(4) SETS #304 1/2"	1
P22-24	1'-10"x2'-0"	(6) #6	(4) SETS #304 1/2"	1

REMARKS:
 1. SEE BASE PLATE TYPES FOR PIER ORIENTATION WITH RESPECT TO COLUMN

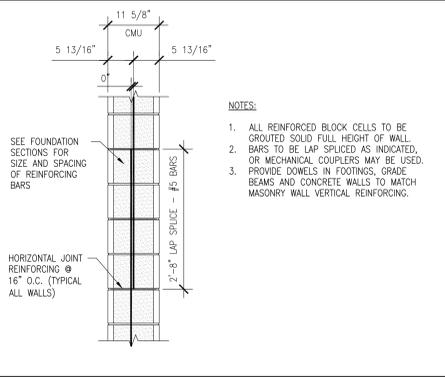
ANCHOR RODS



BASE PLATE TYPES



CMU - WALL REINFORCING



NOTES:
 1. ALL REINFORCED BLOCK CELLS TO BE GROUTED SOLID FULL HEIGHT OF WALL.
 2. BARS TO BE LAP-SPLICED AS INDICATED, OR MECHANICAL COUPLERS MAY BE USED.
 3. PROVIDE DOWELS IN FOOTINGS, GRADE BEAMS AND CONCRETE WALLS TO MATCH MASONRY WALL VERTICAL REINFORCING.

The Grove Amphitheatre - Bandsshell
Mayfield Village
 425 North Commons Blvd, Mayfield Village, Ohio 44143
 MELD project number: 16001

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 10098 Chevy Chase Dr.
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Sheet Name:
GENERAL NOTES, SCHEDULES AND DETAILS
 Sheet Number:
S001

