

Poligon Product Specification Form

by **PORTERcorp**
PORTERCORP, 4240 N. 136th AVE, HOLLAND, MI 49424
www.poligon.com 616-399-1963

PROJECT NAME: _____

PROJECT LOCATION: _____

CUSTOMER NAME: _____

E-MAIL: _____

COMPANY: _____

ADDRESS: _____

ADDRESS 2: _____

CITY: _____

STATE: _____ ZIP: _____

PHONE: _____ FAX: _____

SEISMIC DESIGN: _____ BLDG CODE: _____

STANDARD WITH THIS BUILDING:

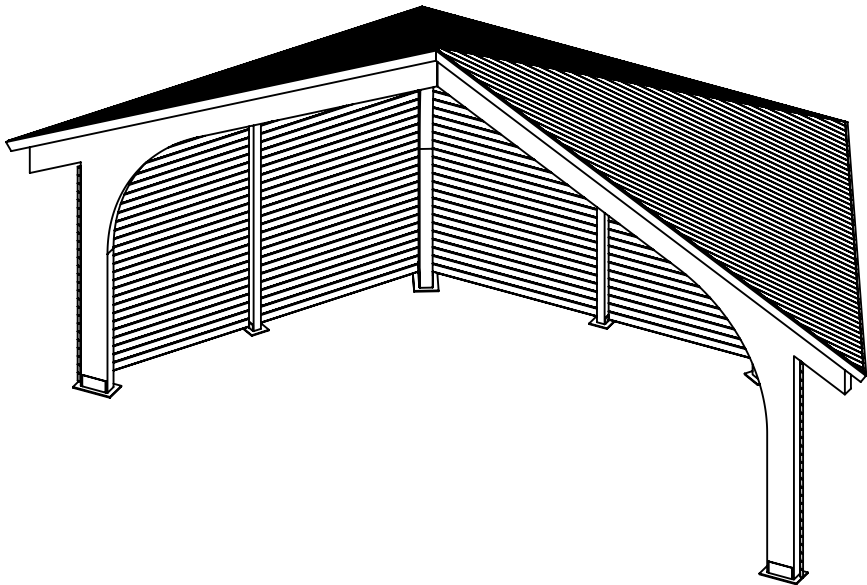
- ☒ Treated gluelam wooden columns
- ☒ Wooden trusses and purlins
- ☒ Structural steel, hot dip galvanized connection plates
- ☒ Hot dipped galvanized structural fasteners
- ☒ 2X6 SYP tongue and groove primary roof
- ☒ Asphalt shingles with felt and trim - Shingle color: _____
- ☒ Pre-drilled plates and gluelams
- ☒ Surface mount columns
- ☒ 6:12 pitch
- ☒ 12'-0" under eave height
- ☒ 30 PSF snow load
- ☒ 120 MPH wind load

SELECT MODIFICATIONS TO A STANDARD:

See website for multi-rib roof color choices and wood stain choices: www.poligon.com

- ☐ Kynar Multi-rib metal roof instead of asphalt shingles - Roof color: _____
- ☐ Stained tongue and groove roof - Stain choice: _____
- ☐ Stained columns and trusses - Stain choice: _____
- ☐ Increase snow load: _____
- ☐ Increase wind load: _____
- ☐ Modify under tension member height (12' max): _____
- ☐ Substitute surface mount for embedded column

Wood Amphitheater [WLLW]



Standard Sizes Available

- ☒ WLLW-40
- ☐ WLLW-50

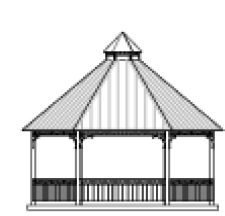
Sheet Index

COVER SHEET / ORDER FORM
ELEVATION VIEWS
STRUCTURAL FRAME
ANCHOR LAYOUT

See website for multi-rib roof color choices and wood stain choices.
www.poligon.com

SHELTER MODEL:
WOOD BANDSHELL 40 w/ WALLS
WLLW-40

SCALE: 1:100	REV LEVEL: A	DATE: 9/27/2011
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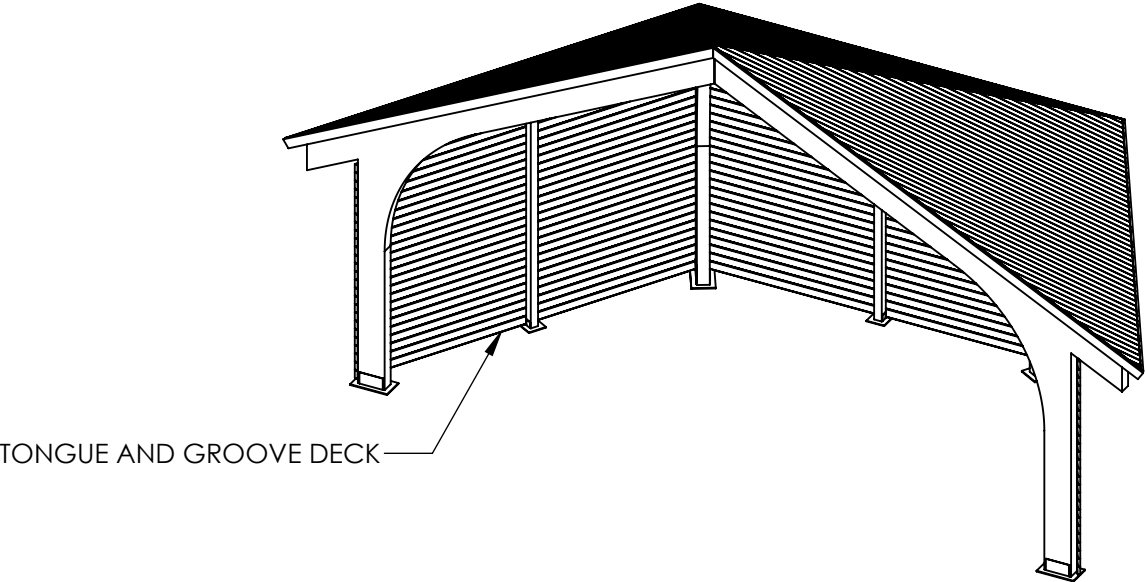
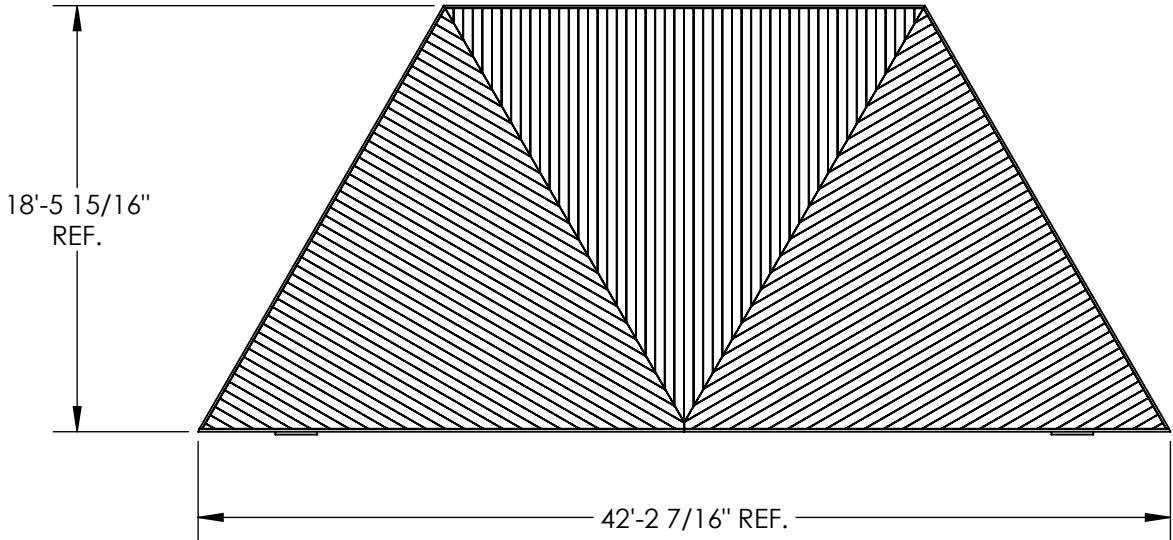


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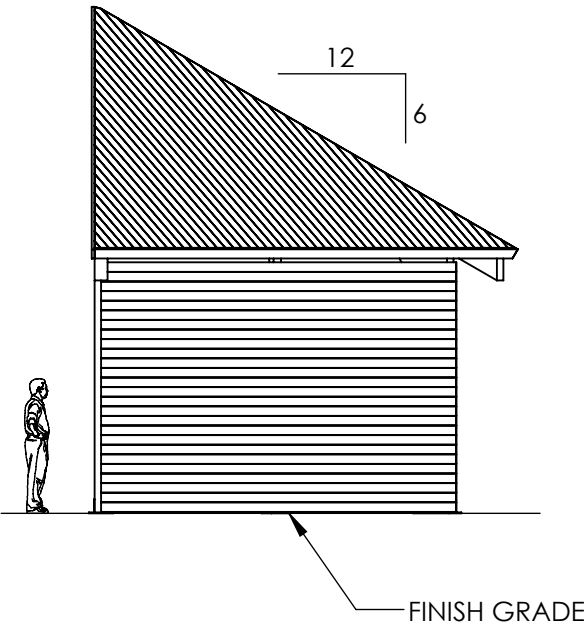
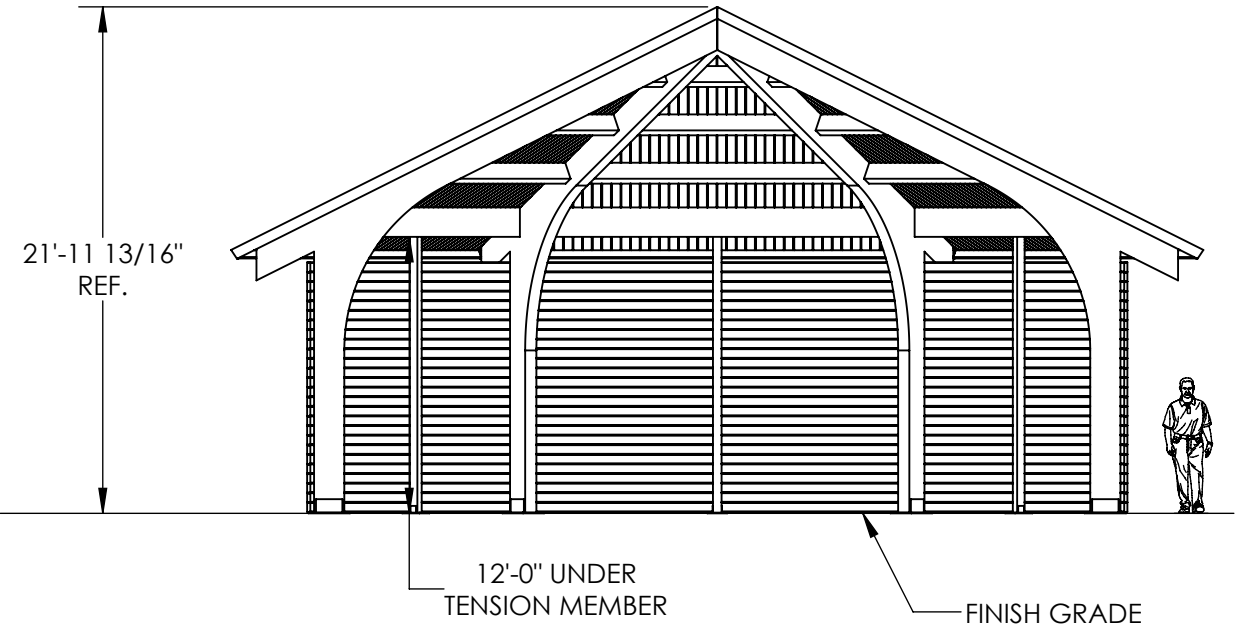
by **PORTERcorp**
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www.poligon.com 616-399-1963

SHEET
COVER SHEET

NOTE: THIS IS A
PLANNING LEVEL DRAWING.
THE STRUCTURE SHOWN IS SUBJECT TO ON-GOING DESIGN REVIEW AND UPDATE. EXPECT SOME CHANGES TO MATERIAL SIZES AND GENERAL DIMENSIONS. ONLY USE DRAWINGS PROVIDED WITH ENGINEERED STRUCTURES FOR CONSTRUCTION.



TONGUE AND GROOVE DECK



SHELTER MODEL:
WOOD BANDSHELL 40 w/ WALL
WLLW-40

SCALE: 1:100	REV LEVEL: A	DATE: 9/27/2011
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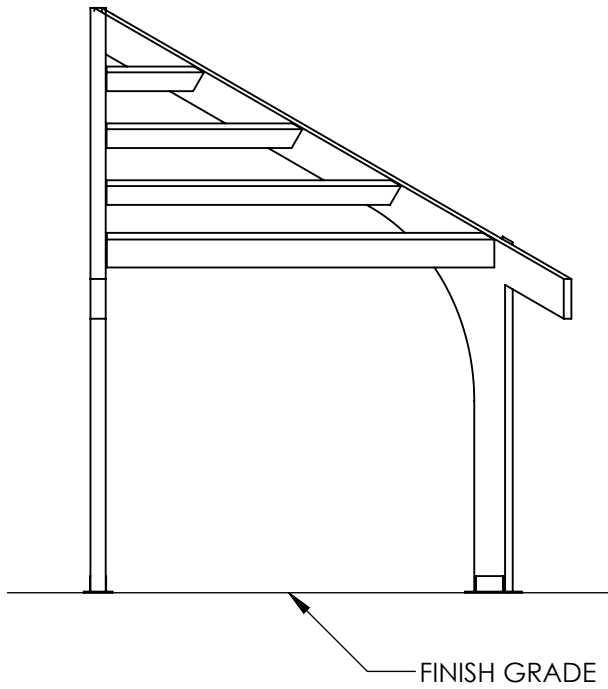
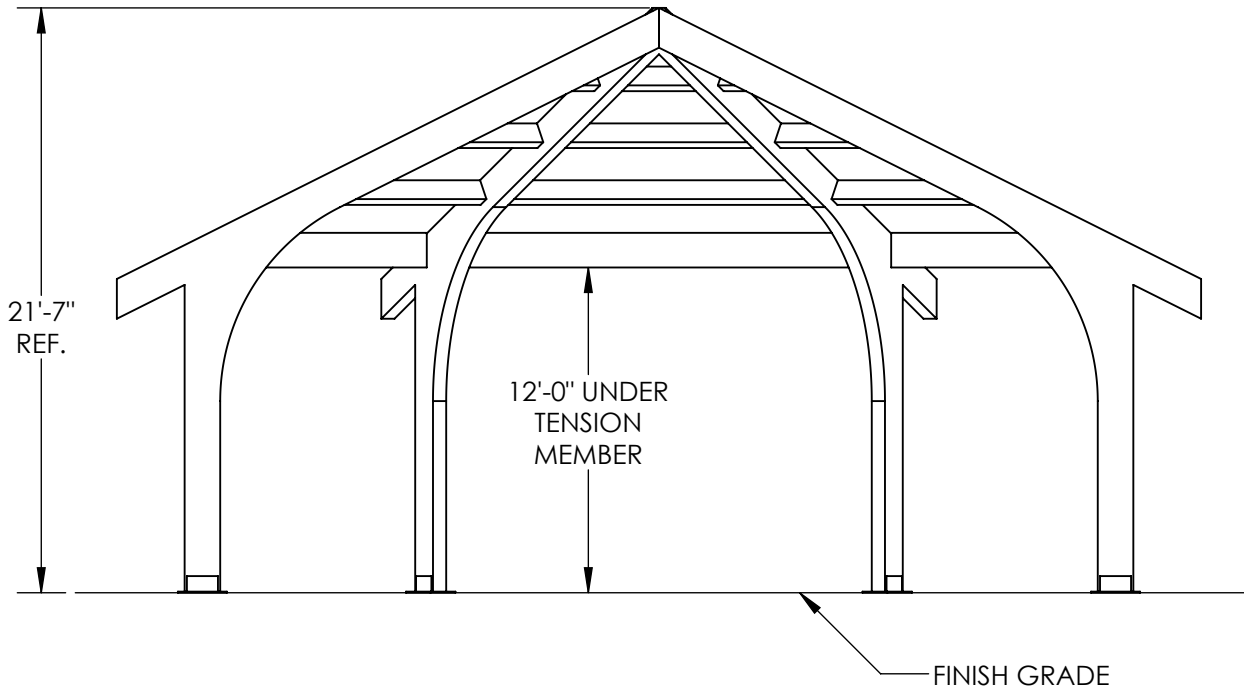
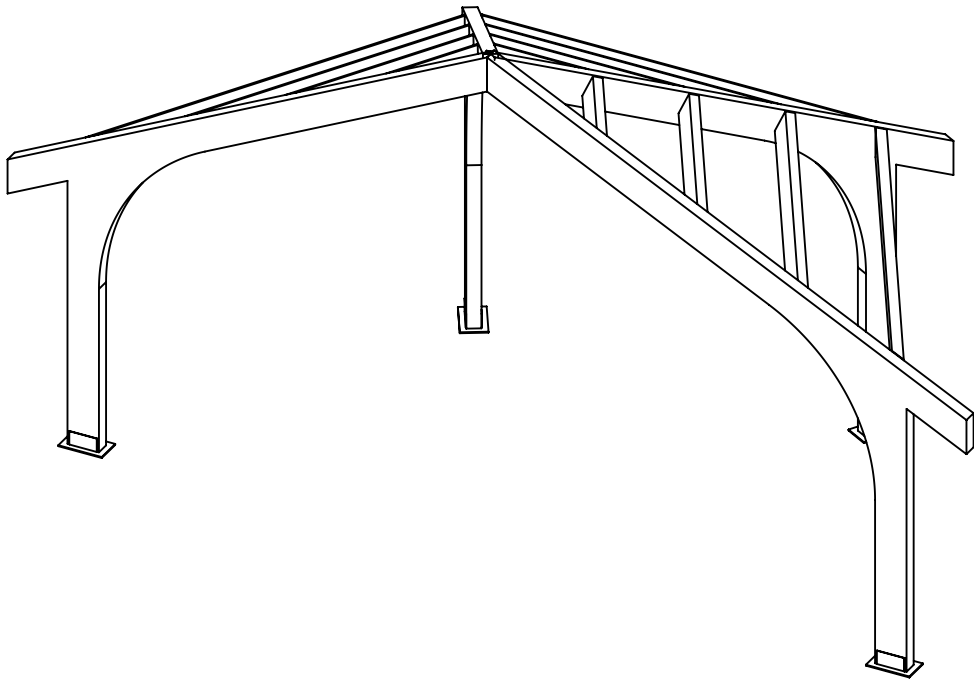
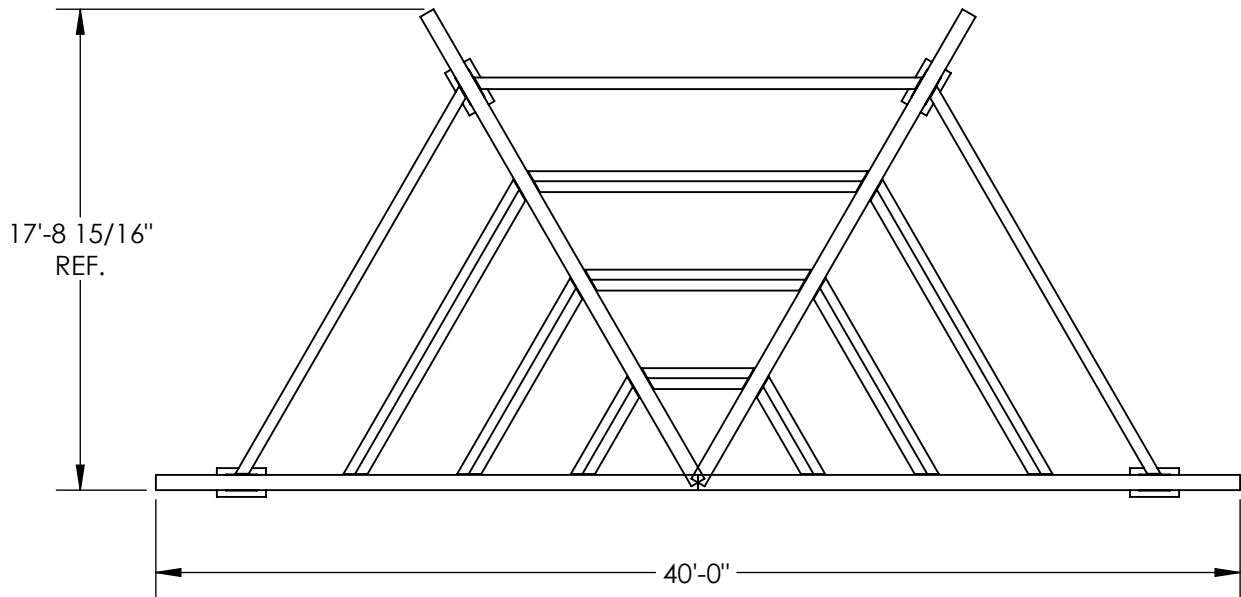


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SHEET
ELEVATION VIEWS

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SHELTER MODEL:
WOOD BANDSHELL 40 w/ WALL
WLLW-40

SCALE:	REV LEVEL:	DATE:
1:85	A	9/27/2011



PARK ARCHITECTURE

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by **PORTERCORP**

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SHEET

FRAME VIEWS

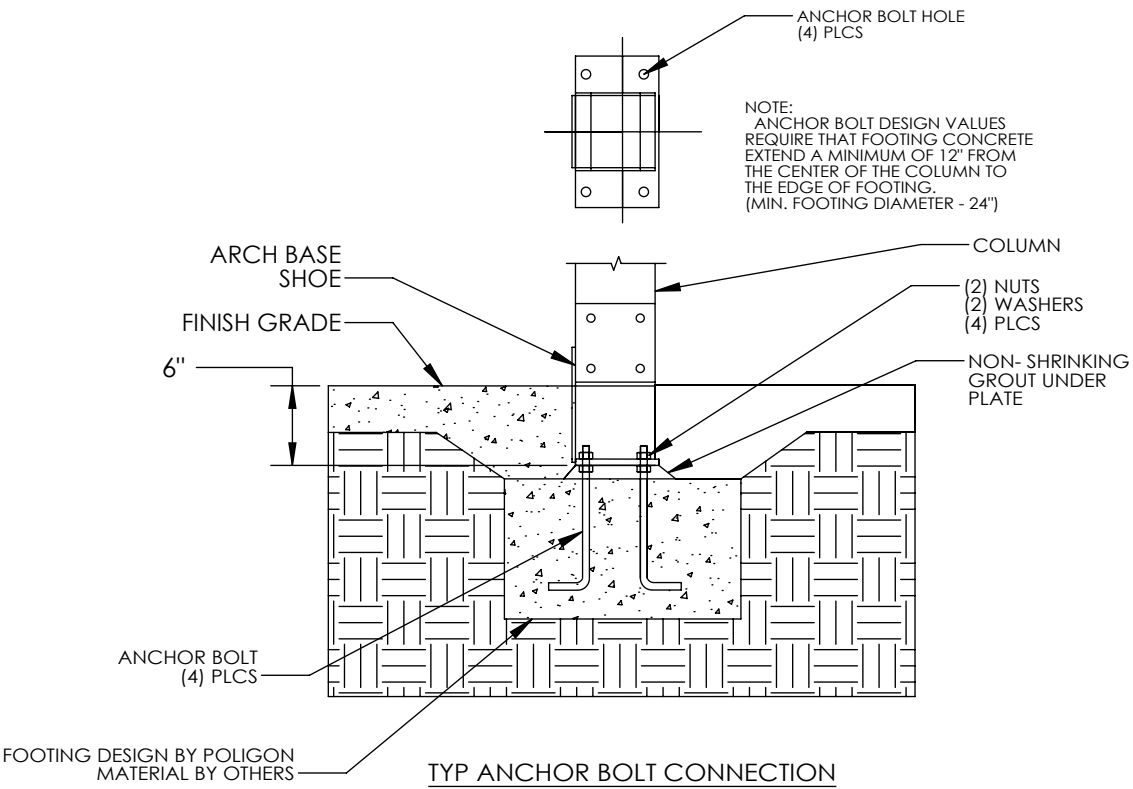
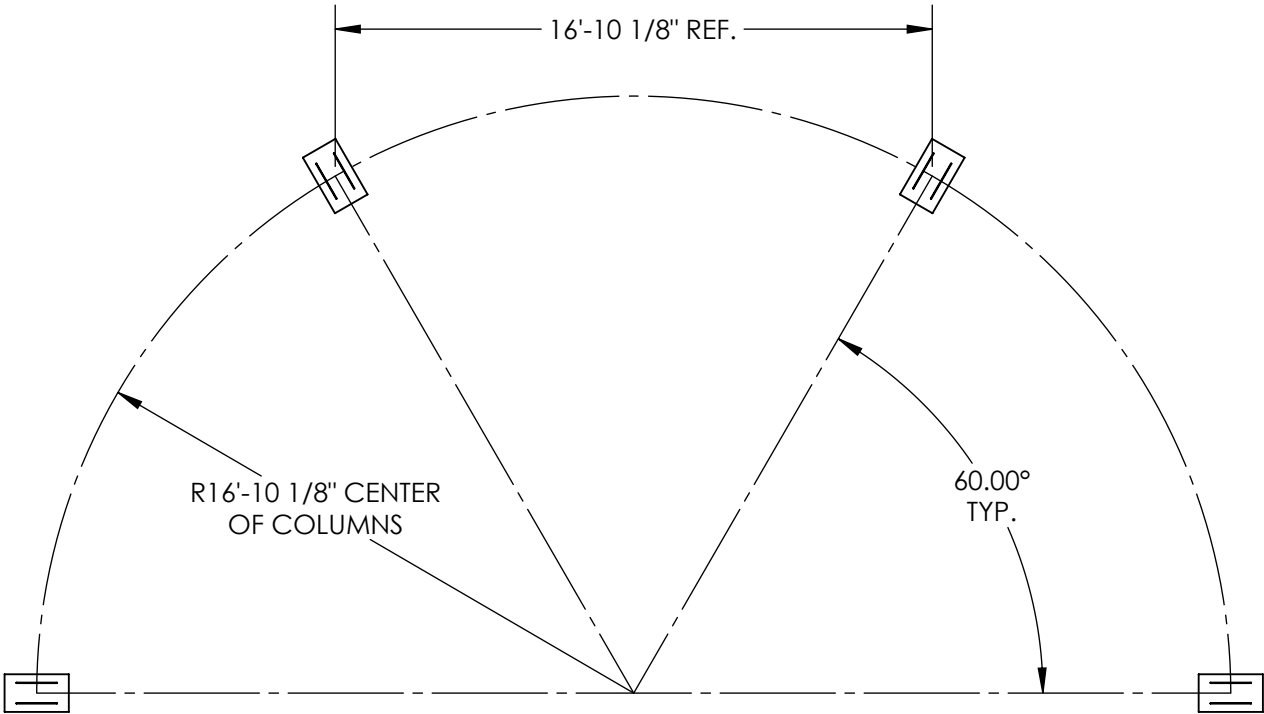
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REFER TO ANCHOR AND FOOTING DOWNLOAD SHEETS FOR GENERAL INFORMATION ON BOTH ANCHOR ATTACHMENT AND TYPICAL FOOTING TYPES. ANCHOR ATTACHMENT AND FOOTING DESIGNS ARE SITE AND SITUATION SPECIFIC AND ARE INTEGRAL TO THE FINAL SHELTER DESIGN.

DO NOT POUR FOOTING OR INSTALL ANCHOR BOLTS WITHOUT JOB SPECIFIC ANCHOR AND FOOTING DESIGN DRAWINGS.

ALL POLIGON COLUMN ANCHORING SYSTEMS ARE OSHA COMPLIANT.



SHELTER MODEL:
WOOD BANDSHELL 40 w/ WALL
WLLW-40

SCALE:	REV LEVEL:	DATE:
1:65	A	9/27/2011

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SHEET
COLUMN LAYOUT

Wood Amphitheater [WLLW]

BANDSHELL DETAIL

Standard Sizes Available

☒ WLLW-40

☐ WLLW-50

Sheet Index

COVER SHEET / ORDER FORM

ELEVATION VIEWS

STRUCTURAL FRAME

ANCHOR LAYOUT

See website for multi-rib roof color choices and wood stain choices.

www.polygon.com

SHELTER MODEL: WOOD BANDSHELL 40 w/ WALLS WLLW-40

SCALE: 1/100

REV LEVEL: A

DATE: 9/27/2011

DESIGNS AND CALCULATIONS OF POLYGON BUILDINGS ARE PROTECTED UNDER COPYRIGHT LAWS AND PATENTS AND MAY NOT BE USED IN THE CONSTRUCTION OR DESIGN OF A BUILDING THAT IS NOT SUPPLIED BY POLYGON.

by PORTERCOMP

PORTERCOMP 4500 N. 138th AVE., HOLLAND, MI 48424

www.polygon.com 616-399-1963

SHEET COVER SHEET

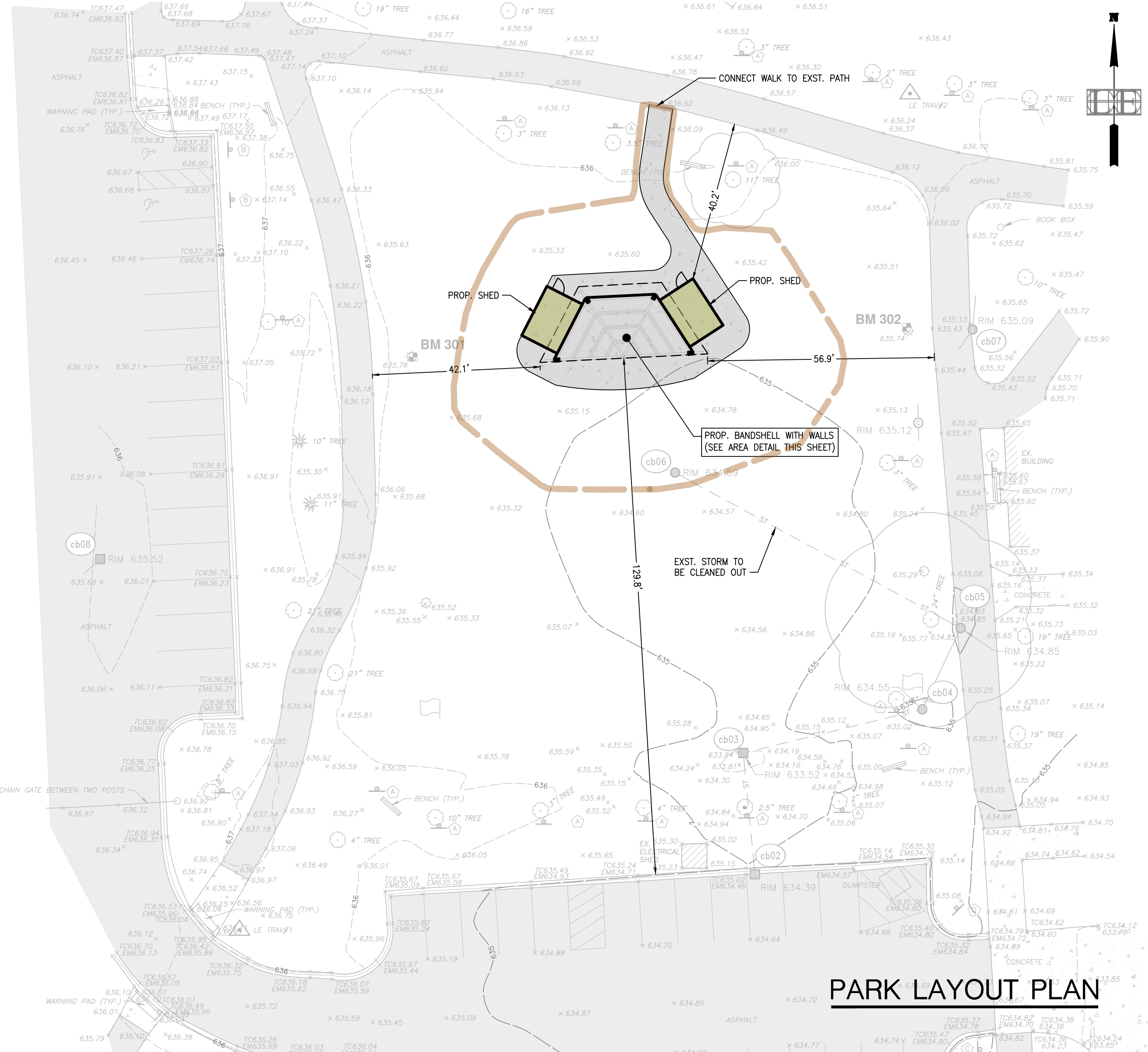
Copyright laws protect the type and visual appearance of the structure while patents may protect other parts of the design.

BANDSHELL AREA DETAIL

SCALE: 1" = 10 FEET

HATCH LEGEND

PROPOSED CONCRETE



PARK LAYOUT PLAN

GRADE PLAN LEGEND

- PR. CONTOUR 615
- LIMITS OF GRADING
- RIDGE LINE
- SWALE LINE
- DRAINAGE ARROW -1.5%
- PR. SPOT GRADE 611.401P

SPOT GRADE ABBREVIATIONS LIST

- TC = TOP OF CONCRETE
- R = RIM ELEVATION
- FG = FINISHED GRADE
- FFE = FINISHED FLOOR ELEVATION
- m = MATCH EXISTING

BENCHMARKS (NAVD83)

BENCHMARK #300 ON POST LIGHT POLE ELEVATION= 635.83

BENCHMARK #301 ON THE SE CORNER OF CONCRETE LIGHT POLE BASE ELEVATION= 637.16

BENCHMARK #302 ON THE SW CORNER OF CONCRETE LIGHT POLE BASE ELEVATION= 637.30

LE CONTROL

LE TRAVERSE#1 N. 375094.08 E. 13461845.68

LE TRAVERSE#2 N. 375304.07 E. 13462013.96

NOTE: NORTHINGS AND EASTINGS SHOWN ON THIS DRAWING ARE BASED ON MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE. INTERNATIONAL FEET (NAD83), ELEVATION BASED UPON NAVD83 DATUM FROM RTK GPS OBSERVATIONS.

TOPOGRAPHIC SURVEY LEGEND

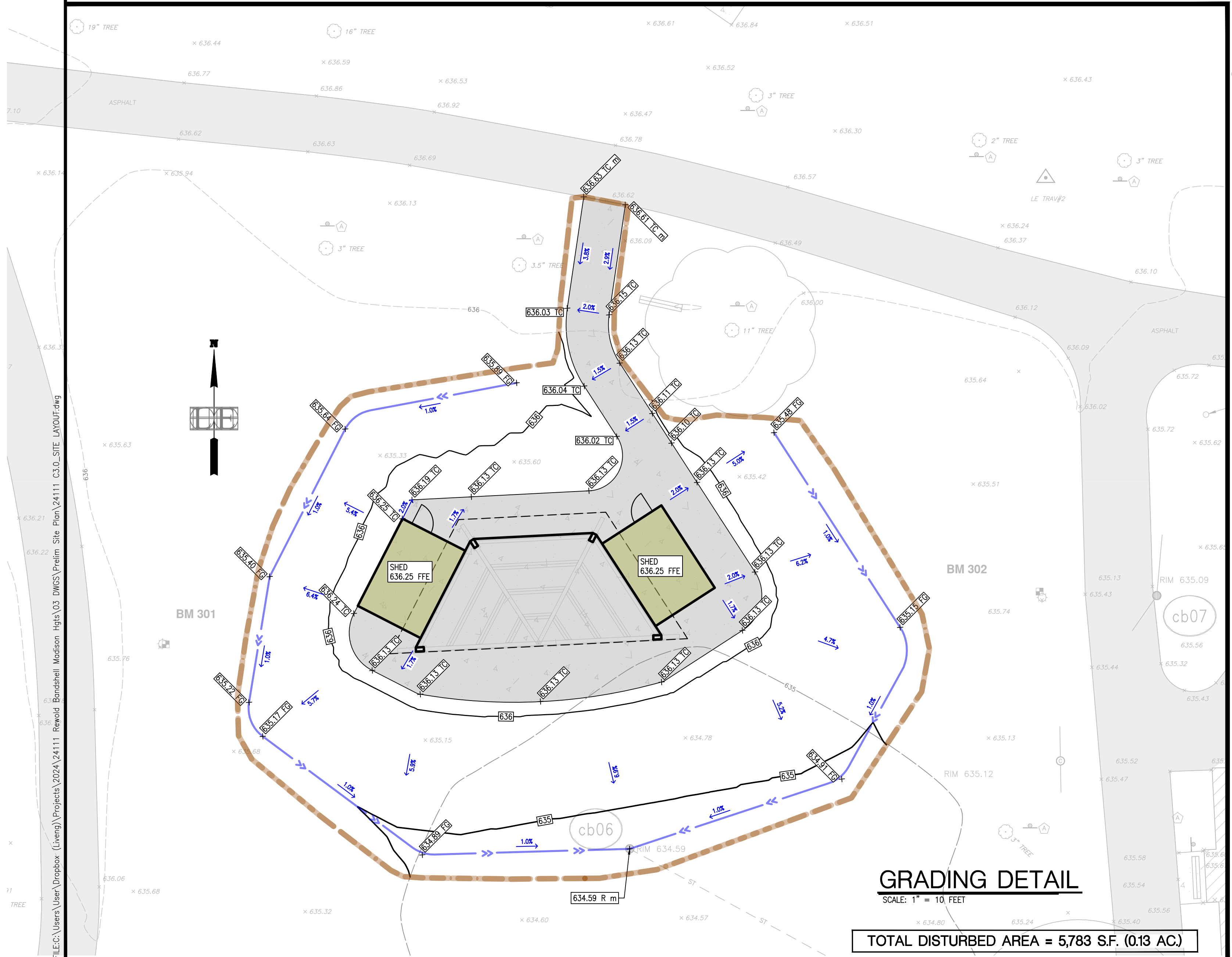
- ELECTRIC MANHOLE
- LIGHT POLE
- STORM CLEANOUT
- STORM MANHOLE
- CATCH BASIN ROUND
- CATCH BASIN SQUARE
- CATCH BASIN IN CURB
- FLAG POLE
- SIGN
- HANDICAP
- CONIFEROUS TREE
- DECIDUOUS TREE
- EXISTING U.G. STORM SEWER LINE EXCEPT AS NOTED
- TRAVERSE POINT-SET
- BENCHMARK
- ASPHALT
- CONCRETE

EXISTING STORM SEWER SCHEDULE				
STR #	TYPE	DIA	RIM ELEV	INVERT DATA
cb01	CATCH BASIN	1.5'	633.30	4" PVC INV. 632.30 NE. T/WATER 632.30
cb02	CATCH BASIN	2'	634.39	6" PVC INV. 630.72 N. T/WATER 631.01
cb03	CATCH BASIN	2'	633.52	8" CLAY INV. 630.25 NE. 6" PVC INV. 630.40 S. T/WATER 630.25
cb04	CATCH BASIN	2'	634.55	8" CLAY INV. 629.31 NE. 8" CLAY INV. 629.31 SW. T/WATER 629.54
cb05	CATCH BASIN	4'	634.85	8" CLAY INV. 629.17 NW. 8" CLAY INV. 629.65 SW. T/WATER 629.45 BOTTOM 628.31
cb06	CATCH BASIN	3'	634.59	DOWNTURNED SE. T/WATER 630.79
cb07	CATCH BASIN	4'	635.09	10" PVC INV. 630.24 NNE. UNKNOWN SW. T/WATER 629.38
cb08	CATCH BASIN	2'	635.52	10" CLAY INV. 632.42 SW. T/WATER 632.67

UTILITY DISCLAIMER

Know what's below. Call before you dig.

Utilities as shown indicate approximate location of facilities only, as described by the various companies and no guarantee is given either as to the completeness or accuracy thereof. Contractor shall call "MISS DIG" 1-800-482-7171 prior to the start of construction. Electric, gas, phone and television companies should be contacted prior to the commencement of field activities.



GRADING DETAIL

SCALE: 1" = 10 FEET

TOTAL DISTURBED AREA = 5,783 S.F. (0.13 AC)

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LIVINGSTON ENGINEERING

CIVIL ENGINEERING SURVEYING PLANNING

3300 S. OLD U.S. 23, BRIGHTON, MI 48114

PHONE: (810) 225-7000

FAX: (810) 225-7699

WWW.LIVINGSTONENGINEERING.COM

LE

GRAPHIC SCALE: 1" = 20'

EXCEPT AS NOTED

CLIENT

FRANK REWOLD & SONS

303 E. Third Street : Suite 300

Rochester, MI 48307

PROPOSED BANDSHELL

CIVIC CENTER PARK

CITY OF MADISON HEIGHTS, OAKLAND COUNTY, MI

SITE PLAN

LAYOUT PLAN

DATE

02/27/2024

REV 1

02/04/2024

REVISIONS

GRADING PLAN ADDED

JOB NO

43111

DRAWN

TJZ

CHECKED

TJZ

APPROVED

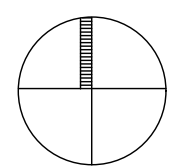
TJZ

DATE

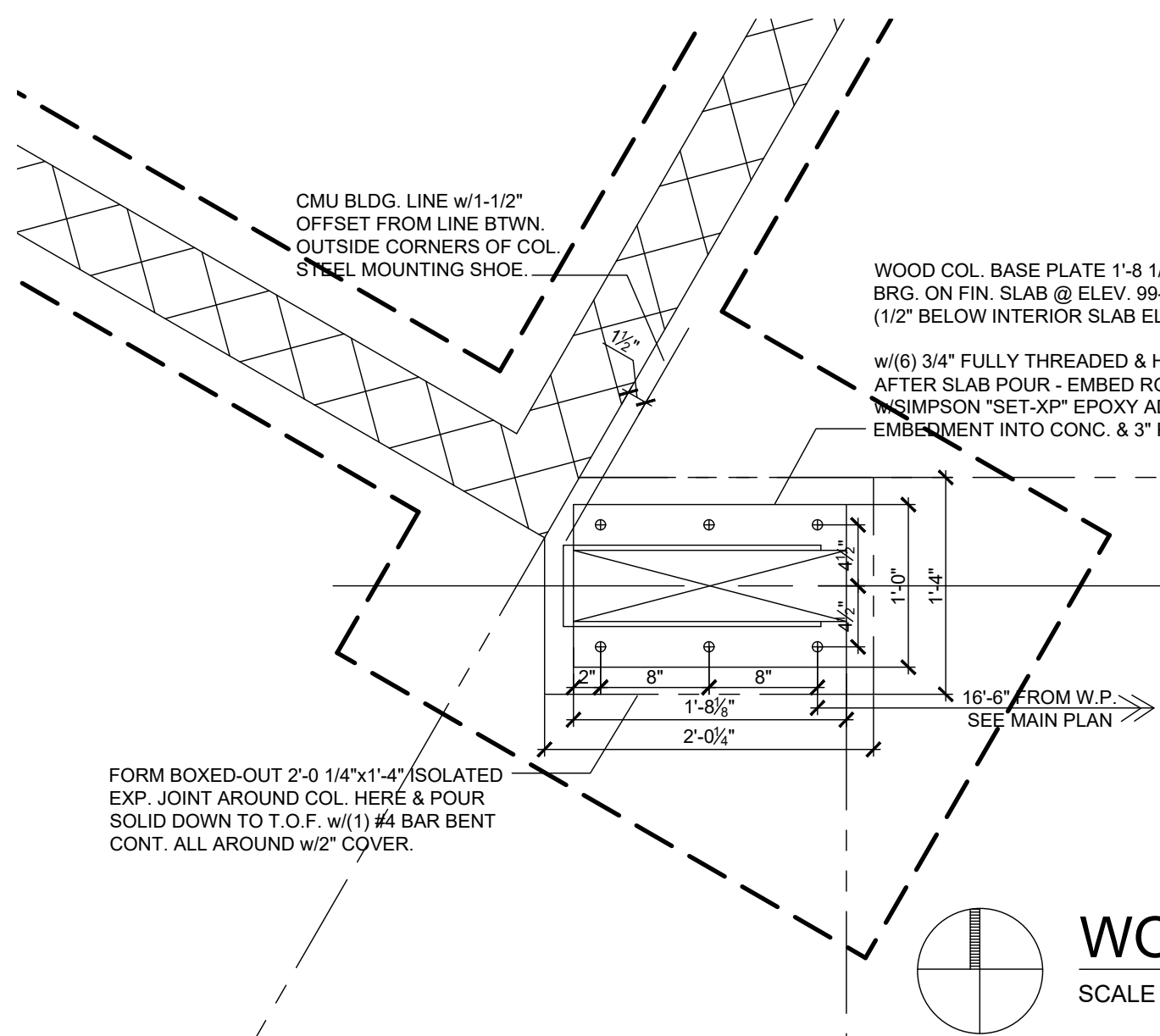
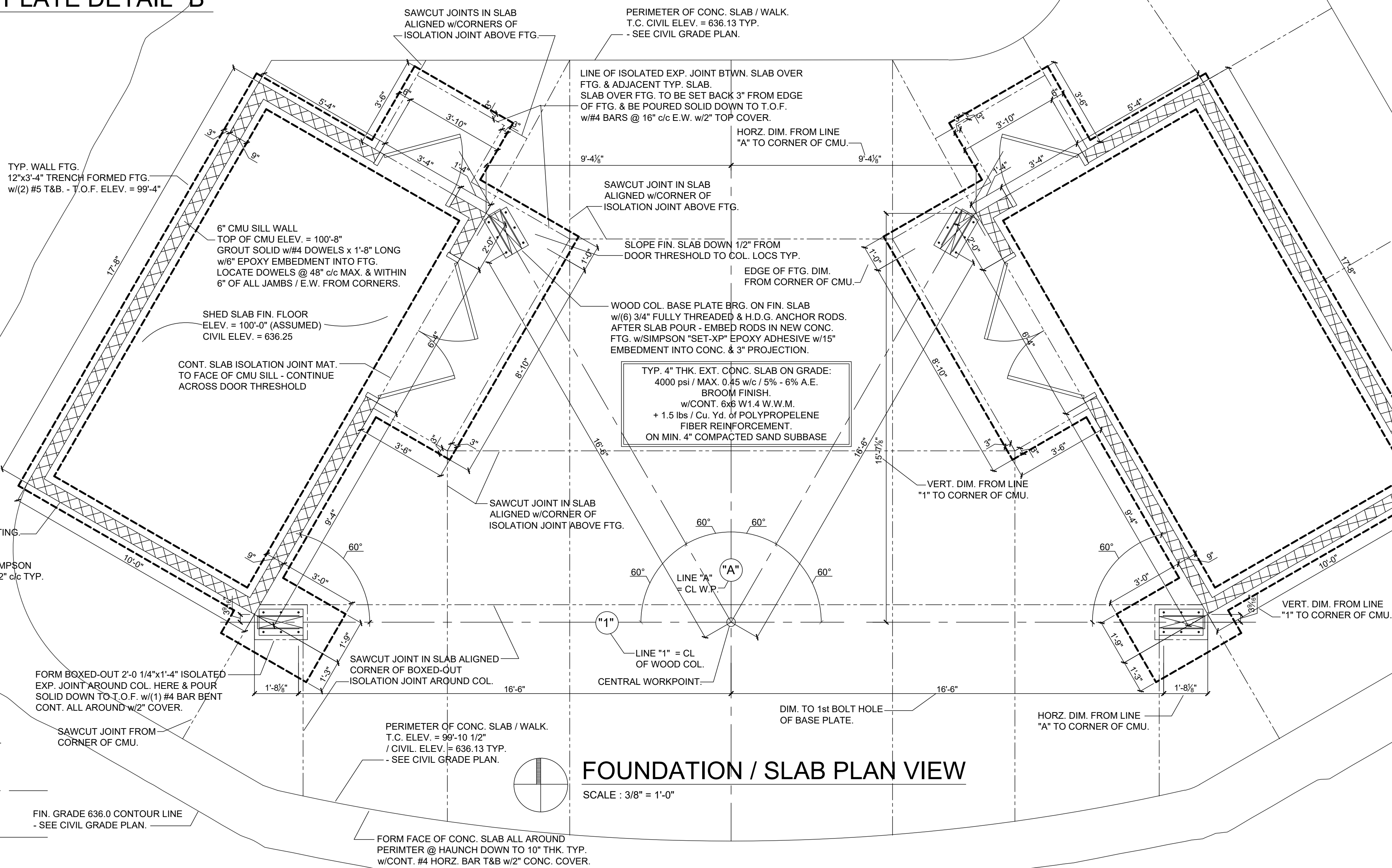
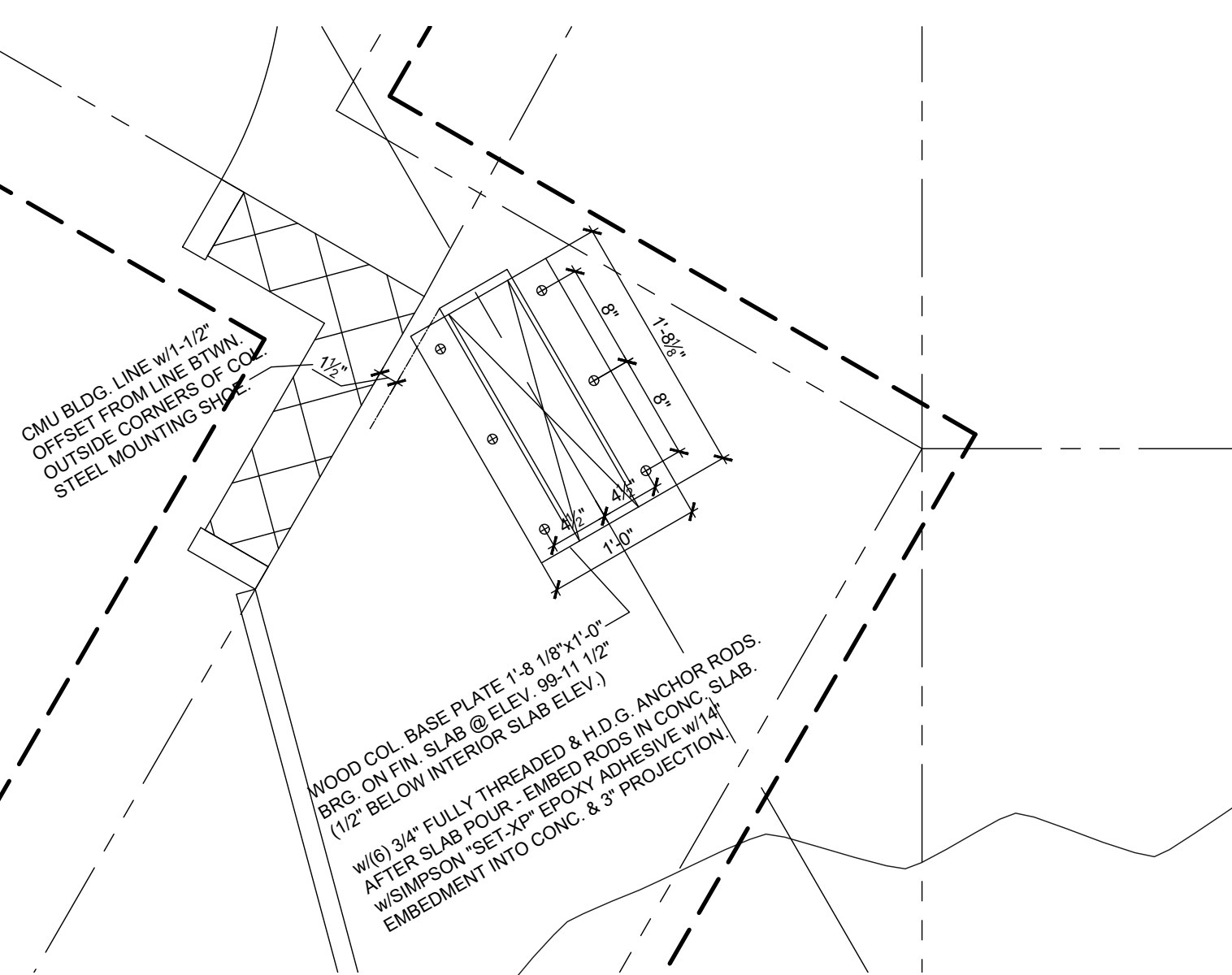
01/17/2024

C3.0

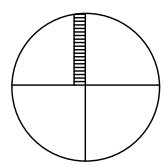
Contractor & all sub-trades are responsible for reviewing & complying with all applicable specifications contained herein. Where discrepancies exist between design drawings and these notes, design drawing specifications are to supersede.			
A: Measuring, mixing and placing of concrete shall be in accordance with ACI 304.			
B: Protection and curing of concrete shall be in accordance with ACI 305, 306 and 308.			
C: All pertinent sections of ACI 318 shall apply.			
D: Reinforcing steel shall be fabricated and placed in accordance with the ACI 315.			
E: All reinforcing steel shall be ASTM A615 Grade 60, deformed in accordance with ASTM 305, unless otherwise noted.			
F: Step all footings at a ratio of (2) horizontal to (1) vertical.			
G: All footings to rest on undisturbed soil.			
CONCRETE MIX GUIDE			
CLASS OF CONCRETE	MIN. 28 DAY STRENGTH (PSI)	MAX. W/C RATIO LBS. HOH/LB. CEMENT	AIR CONT. %
STANDARD EXPOSED CONCRETE	4000	0.45	5 - 6
STANDARD FOUNDATION CONCRETE	3000	0.55	



SCALE : 1" = 1'-0"



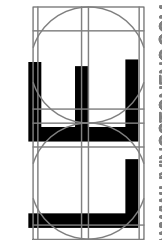
SCALE : 1" = 1'-0"



STRUCTURAL ENGINEER:

Paradis Associates Inc.
**CONSULTING STRUCTURAL
ENGINEERS**

CIVIL ENGINEER:



LIVINGSTON ENGINEERING

CIVIL ENGINEERING	SURVEYING	PLANNING
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3300 S. OLD U.S. 23, BRIGHTON, MI 48114
PHONE: (810) 225-7900
FAX: (810) 225-7689

GENERAL CONTRACTOR:



FRANK REWOLD & SONS INC.
303 E. Third Street, Suite 300
Rochester, MI 48307

[illegible]

FOUNDATION / SLAB PLAN

NEW BUILD for:

Civic Center Park Bandshell

City of Madison Heights, Michigan

SHEET NO.

S-1.0

JOB NO.
24111.07

