THE CITY OF LAKE ELMO

STAFF REPORT

DATE: 5/5/2020
REGULAR
ITEM #:
MOTION

TO: City Council
FROM: Marty Powers, Public Works Director
AGENDA ITEM: Capital Improvements – Inwood Development Park
REVIEWED BY: Kristina Handt, City Administrator
Ben Prchal, City Planner,

BACKGROUND: Based off the December 3rd, 2019's council meeting, the Public Works Department and the Planning Department requested proposals to complete a variety of improvements to the Inwood Development Park. An RFP was sent out and advertised with a deadline of April 10th. Two proposals were received for the Pavilion and two were received for the remainder of the project.

ISSUE BEFORE COUNCIL: Should the City Council approve the lowest responsible bids for the Inwood Development Park Improvement Project?

PROPOSAL DETAILS/ANALYSIS: The city received bids for the park project which include site grading, two fenced in pickle ball courts with bench seating, a 20'x28' steel pavilion, concrete pads & footings, picnic tables, trash can, erosion control and seeding the disturbed area.

FISCAL IMPACT: At this time, $150,000 is reserved to develop the park's first phase. The cost of this park improvement phase shall not exceed the budgeted $150,000 and will be funded through the park dedication fund. After the December meeting an anonymous donor came forward and offered to pay for the pavilion. The cost of the pavilion, its site grading, and its concrete pad with footings is $43,751.26

Pavilion and installation

Albrecht & St Croix Rec (Pavillion/installation)	$33,212.12
Flagship Recreation (Pavillion/installation)	$31,636.26

Remainder of Project

Miller excavating	$113,913.43
Albreck Company	$114,265.00

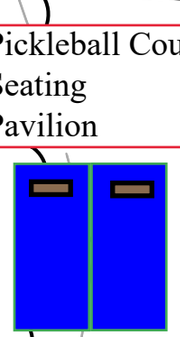
OPTIONS: 1) Approve Miller Excavating's and Flagship Recreation's bids
2) Deny acceptance of bids
3) Table the project

RECOMMENDATION: ***"Motion to approve the lowest responsible bids, Miller Excavating and Flagstaff Recreation and move forward with the first phase of the Inwood Development Park project not to exceed $150,000"***

ATTACHMENTS:
Exhibit A Site Layout
Exhibit B Pickle ball court
Exhibit C Pavilion

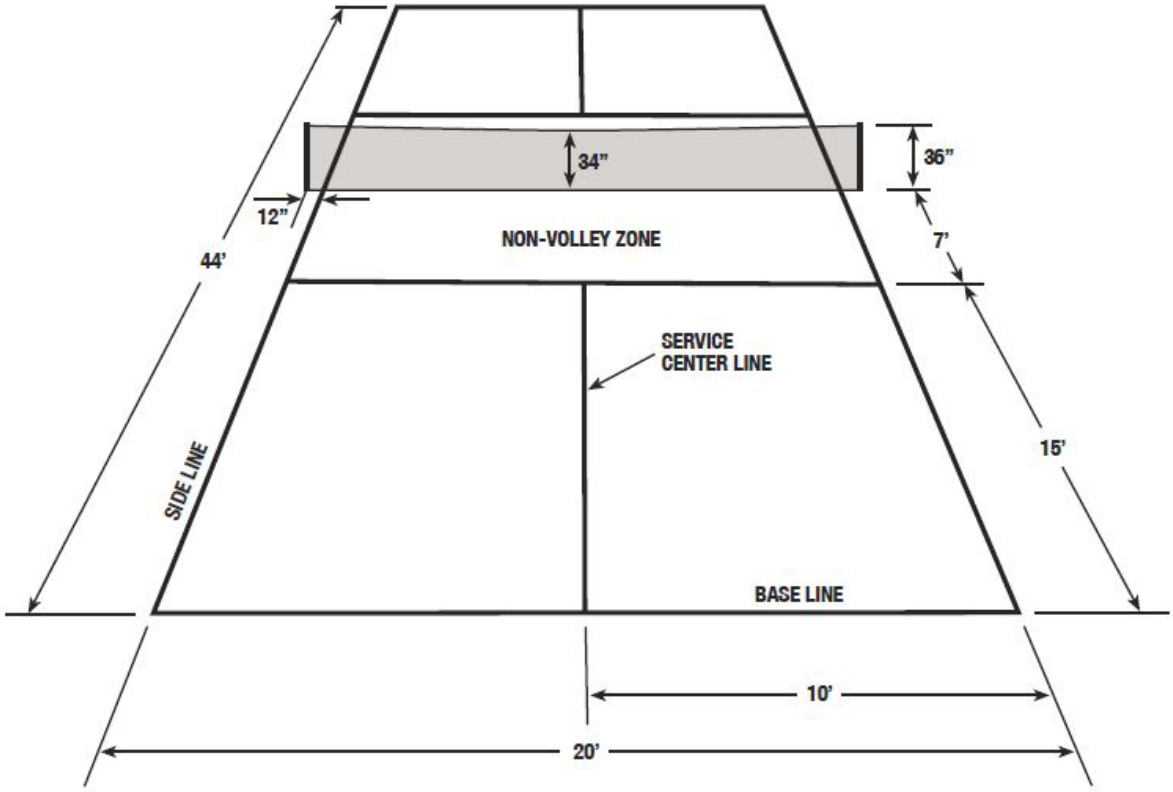
EXHIBIT A

- Pickleball Court
- Seating
- Pavilion



341
340
339
338
362
375
361
PARK 1
IVYWOOD CIR
100 YR HWL= 1012.9
100 YR HWL= 1021.0
100 YR HWL= 1014.6
TEMP. SED. BASIN
DRAINAGE AREA =
MIN. CONSTRUCT
10,000 CY
TOPSOIL
STOCKPILE
EL. 1016.00
(50' V.C.)
G.B.20+50
EL. 1011.25
G.B.21+00
EL. 1011.00
G.B.22+00
EL. 1011.50

EXHIBIT B

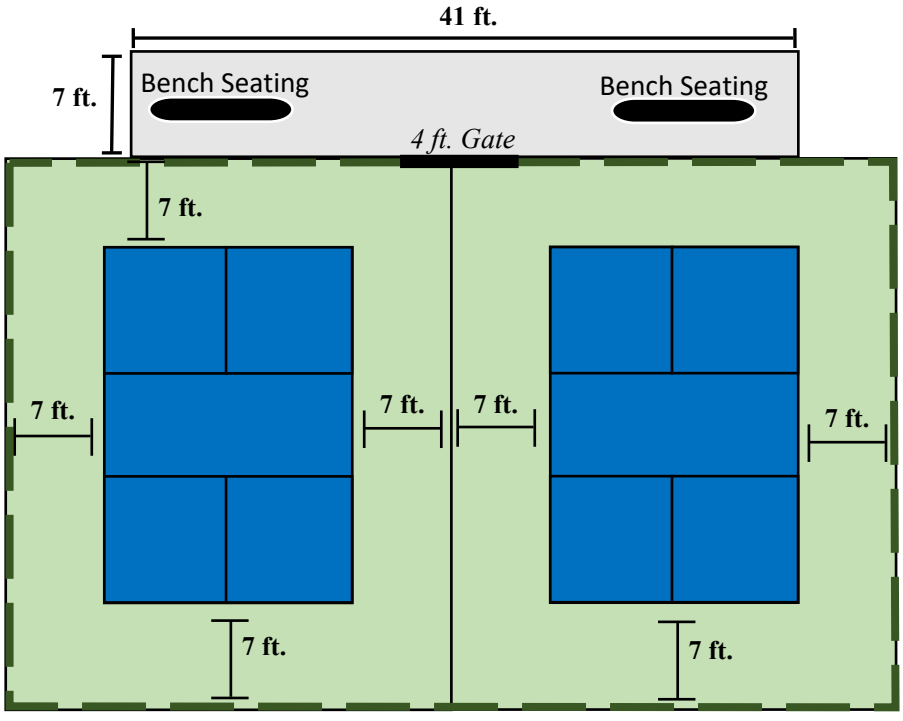


Overhead View of Courts
(Not to Scale)

Key

6 ft. Bench Seating

6 ft. Fencing



ICON Shelter Systems Inc

JOB NUMBER: 5533
JOB NAME: LAKE ELMO
JOB LOCATION: LAKE ELMO, MN

REVISION:

EXHIBIT C

TABLE OF CONTENTS

DESIGN LOADS

CODE: 2012 INTERNATIONAL BUILDING CODE

TOTAL DEAD: 17.96 P.S.F.
FRAME DEAD: 14.96 P.S.F.
ROOF DEAD: 1.20 P.S.F.
COLLATERAL DEAD: 1.80 P.S.F.
ROOF LIVE LOAD: 20.00 P.S.F.
GROUND SNOW LOAD: 50.00 P.S.F.
ROOF SNOW LOAD: 42.00 P.S.F.
WIND SPEED: 115.00 M.P.H.
EXPOSURE: C
SEISMIC USE GROUP: I
SEISMIC SITE CLASS: D
SEISMIC DESIGN CATEGORY: A
SEISMIC ANALYSIS: SIMPLIFIED

NOTES

MATERIALS	(ASTM DESIGNATION)
TUBE STEEL (HSS HOLLOW STRUCTURAL SECTION)	A–500 GRADE B
WIDE FLANGE SECTIONS	A–992
STRUCTURAL STEEL PLATE	A–36
ROOF PANELS (STEEL)	A–446
ANCHOR BOLTS	F1554 GRADE 55
CONNECTION BOLTS	A–325

ALL WELDING CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED. ALL WELDING IS PERFORMED BY AWS CERTIFIED WELDERS.

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO THE MATERIALS SUPPLIED BY ICON SHELTER SYSTEMS INC. AND IS NOT INTENDED AS THE SEAL OF THE ENGINEER OF RECORD FOR THE ENTIRE PROJECT.

DUE TO STANDARDIZED FABRICATION PARTS SHOWN MAY BE UPGRADED. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

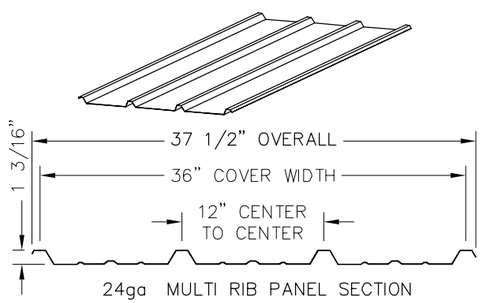
ICON SHELTER SYSTEMS INC. RECOMMENDS THAT THE PRIMARY FRAMING INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM OF FIVE (5) YEARS OF DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

HIGH STRENGTH BOLTING
ALL HIGH STRENGTH BOLTS ARE A–325 BOLTS WITH HEAVY HEX NUTS. THE BOLTS ARE TO BE INSTALLED UTILIZING THE "SPECIFICATION FOR STRUCTURAL JOINTS ASTM A325 OR A490 BOLTS" (12/31/2009) AS PREPARED BY RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) FOR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). THE BOLTS SHALL BE INSTALLED AS SNUG TIGHTENED WHICH IS DEFINED AS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT, WHICH IS THE CONDITION WHEN THE PLANES OF CONTACT BETWEEN TWO PLIES ARE SOLIDLY SEATED AGAINST EACH OTHER, BUT NOT NECESSARILY IN CONTINUOUS CONTACT WITH UTILIZATION OF THE SNUG TIGHTENING METHOD, NO WASHERS ARE REQUIRED.
ALL CONNECTIONS ARE BEARING TYPE CONNECTIONS UNLESS NOTED OTHERWISE.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO INSURE PROPER TIGHTNESS.

PROPER ERECTION OF THE FRAMING MEMBERS REQUIRES THE MAIN COLUMNS TO BE PLUMB & SQUARE. COLUMNS, RAFTER, AND TIE BEAM CONNECTIONS MUST BE TIGHTENED BEFORE INSTALLING THE PURLINS. PURLINS MUST BE PARALLEL TO THE TIE BEAMS AND EAVE BEAMS.

ROOF



ICON Shelter Systems Inc
DISTINCTIVE STEEL SHELTERS
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800.748.0985
616.396.0944 FX

Cover Sheet

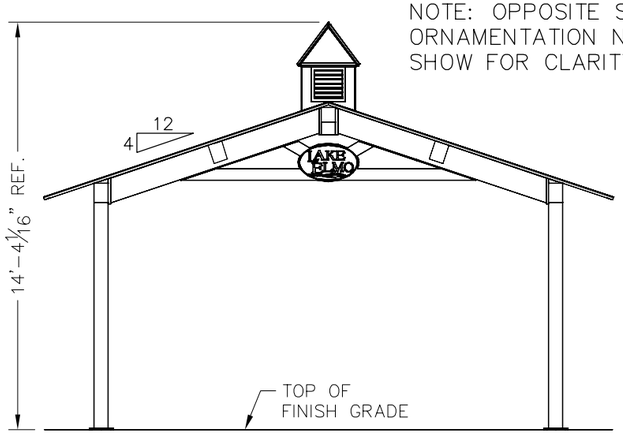
DRAWN BY: SH
DATE: 10/5/17
JOB NO.: 5533
REVISION:
BUILDING TYPE: RG20X28M–P4
PROJECT NAME: LAKE ELMO, LAKE ELMO, MN

SHEET 1.0

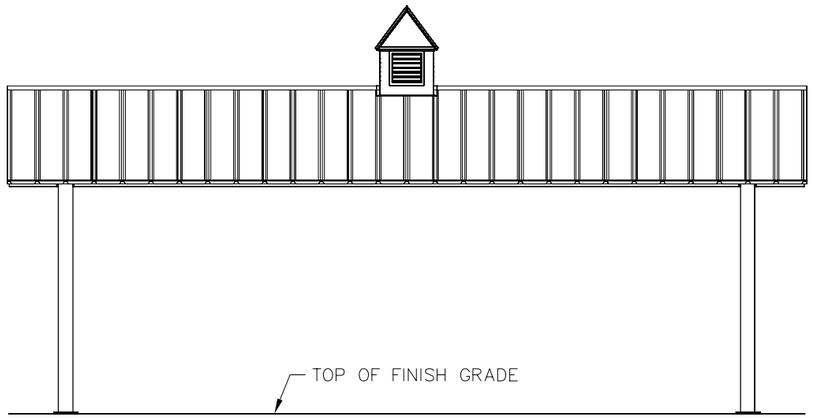
QF-73-01-43
Engineering\AcadStandard\Blocks\Titles\CONSUBTB

DWG: 5533 – RG20X28M–P4 – Lake Elmo\EngineeringInfo\Drawings\Submittals\RG20x28M–P4–50–115–4.7~49864.DWG

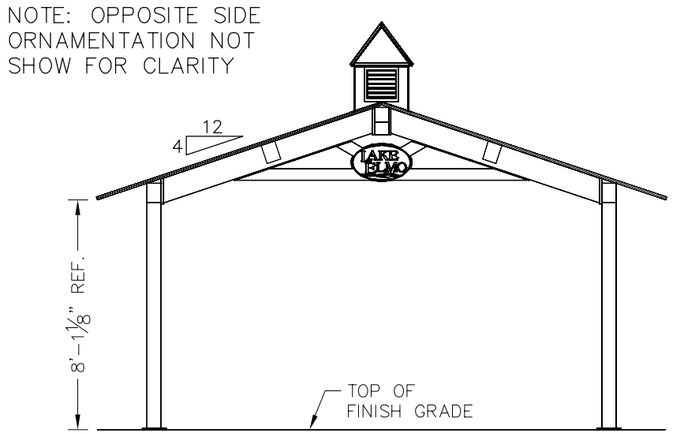
PRINTED ON: 10/9/2017



END VIEW 1

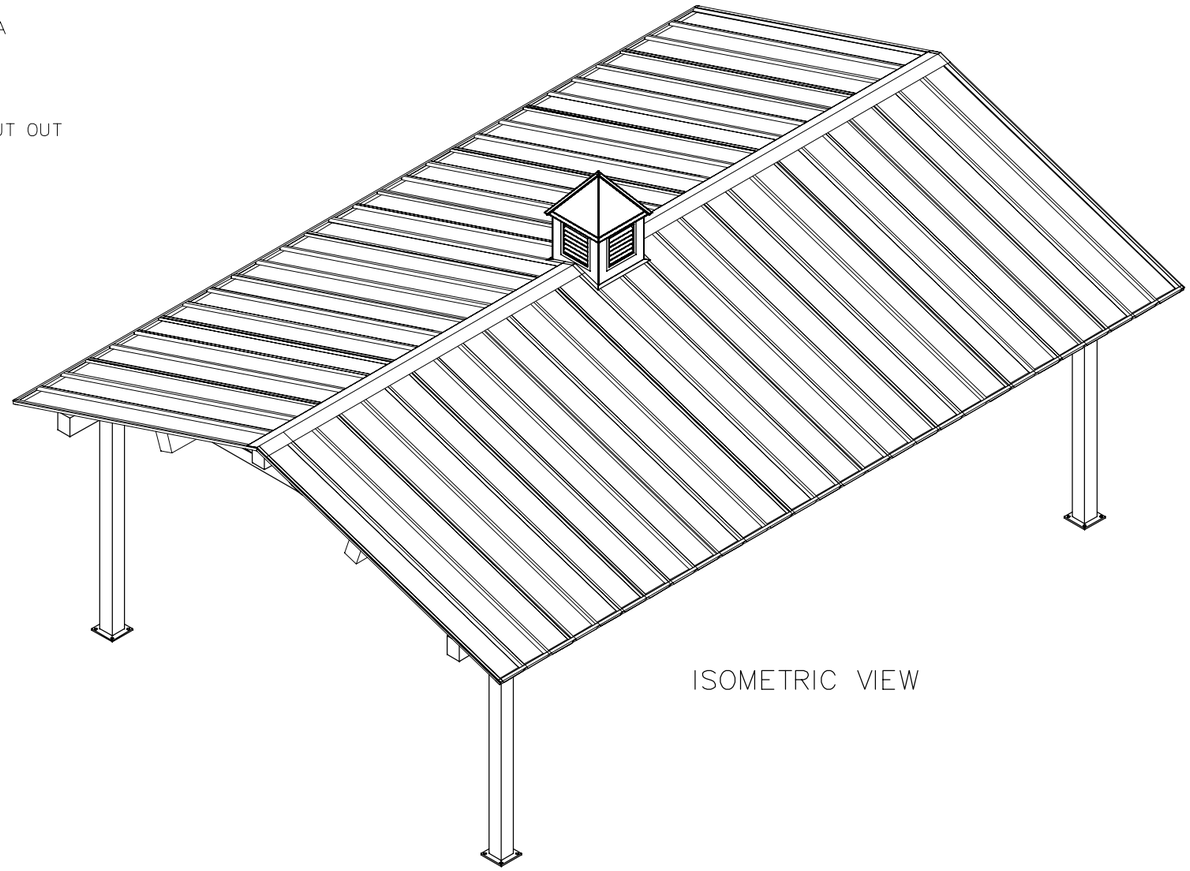


FRONT VIEW



END VIEW 2

LOGO/LASER CUT TEXT



ISOMETRIC VIEW

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Elevation

DRAWN BY: SH

DATE: 10/5/17

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REVISION:

BUILDING TYPE: RG20X28M-P4

PROJECT NAME: LAKE ELMO
LAKE ELMO, MN

SHEET 2.0

QF-73-01-43
Engineering\AcadStandard\Blocks\Titles\CONSUBTB

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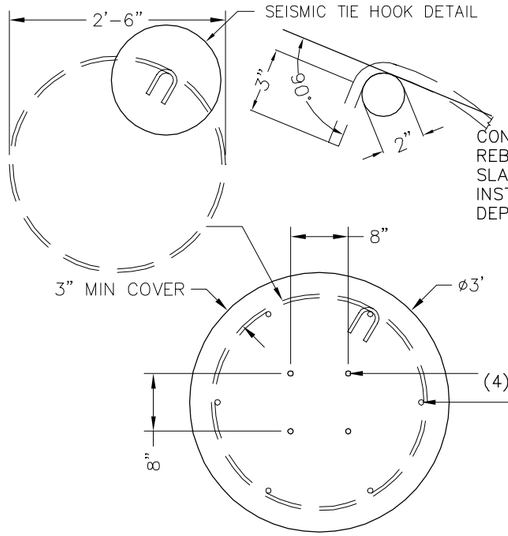
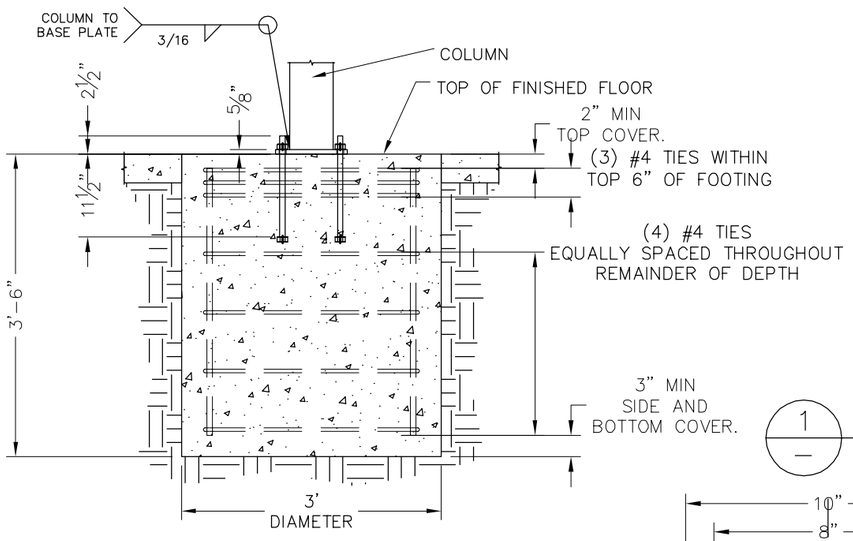
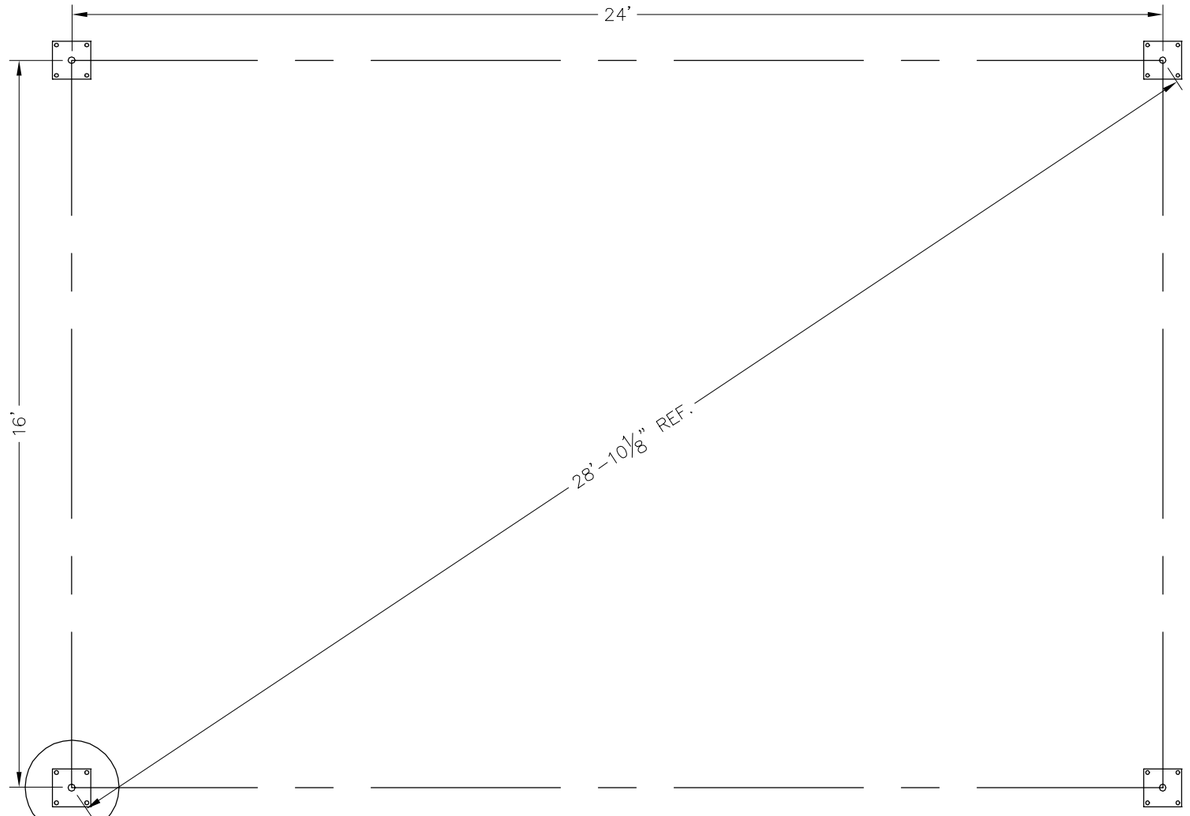
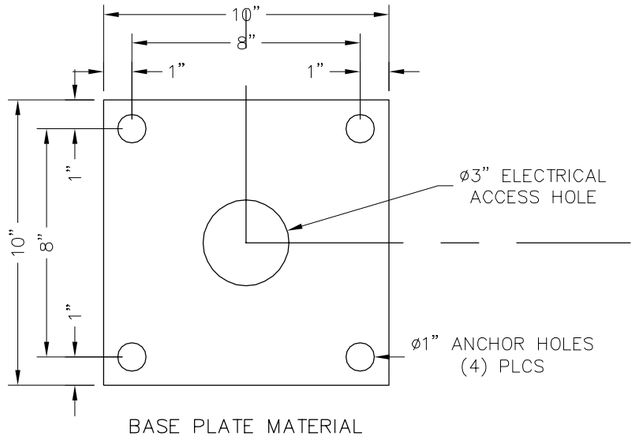


CONCRETE STRENGTH F'c = 2500 PSI
REBAR GRADE Fy = 60 KSI
SLAB IS REQUIRED. IF NO SLAB IS TO BE INSTALLED, CONTACT THE ICON ENGINEERING DEPARTMENT.





ANCHOR BOLT LAYOUT



BASE PLATE MATERIAL
5/8"THICK HRF, Fy=36 ksi
DETAIL 1

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Anchor Bolt Layout

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SHEET
3.0

QF-73-01-43
Engineering\AcadStandard\Blocks\Titles\ICONSUBTB

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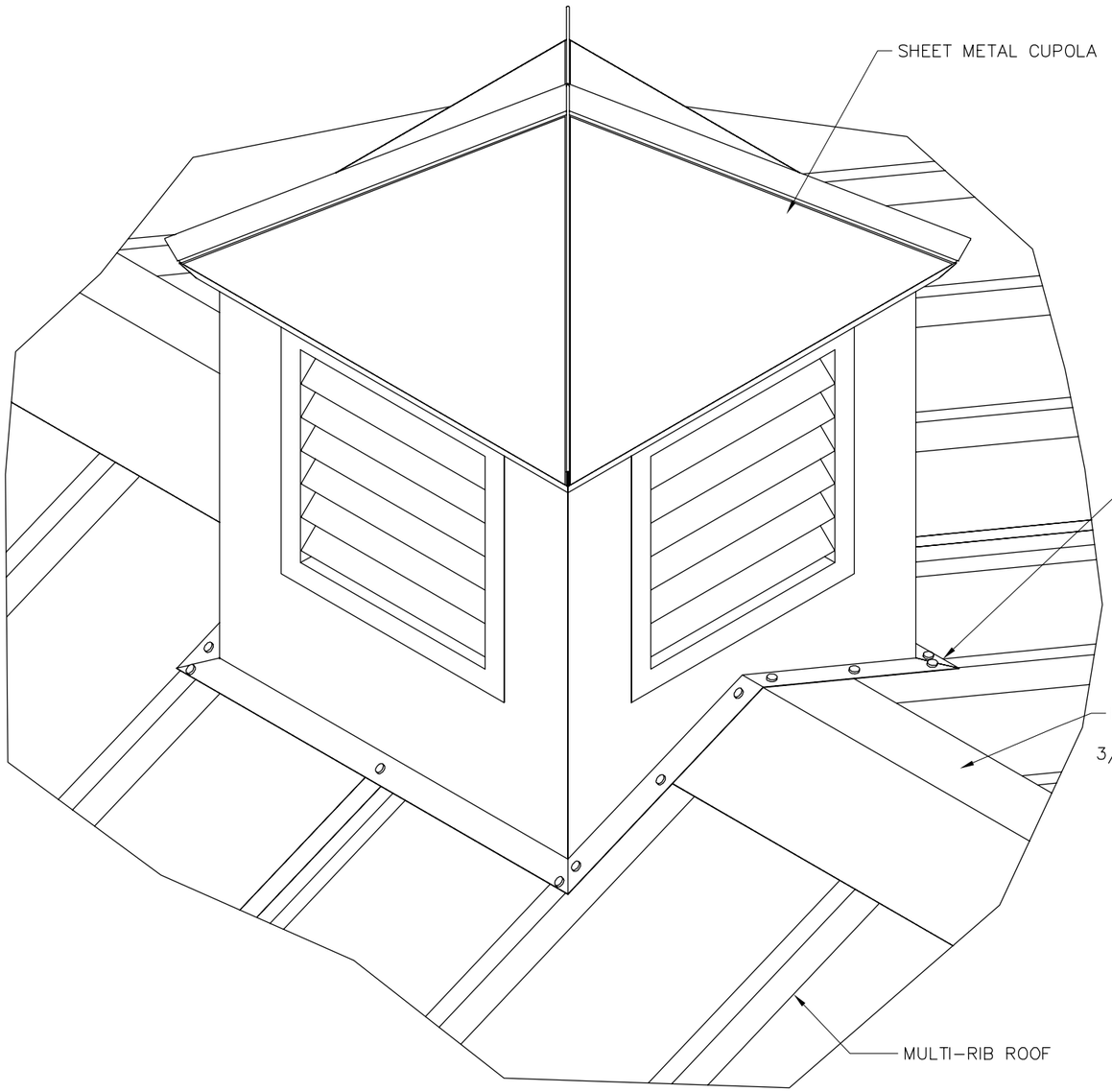

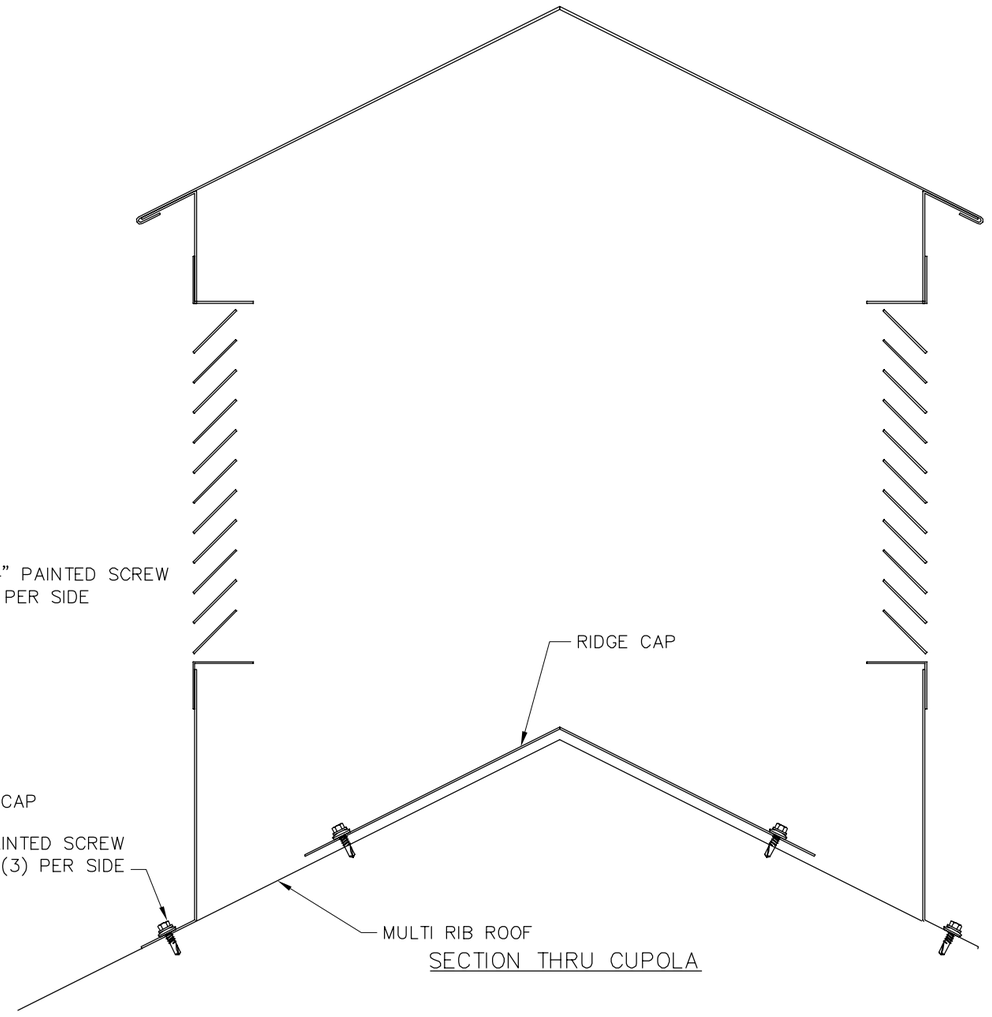

SECTION THRU CUPOLA

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CUPOLA

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