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**OSWEGO, NY
 GRAIN HANDLING SYSTEMS
 IMPROVEMENT PROJECT
 PORT OF OSWEGO**

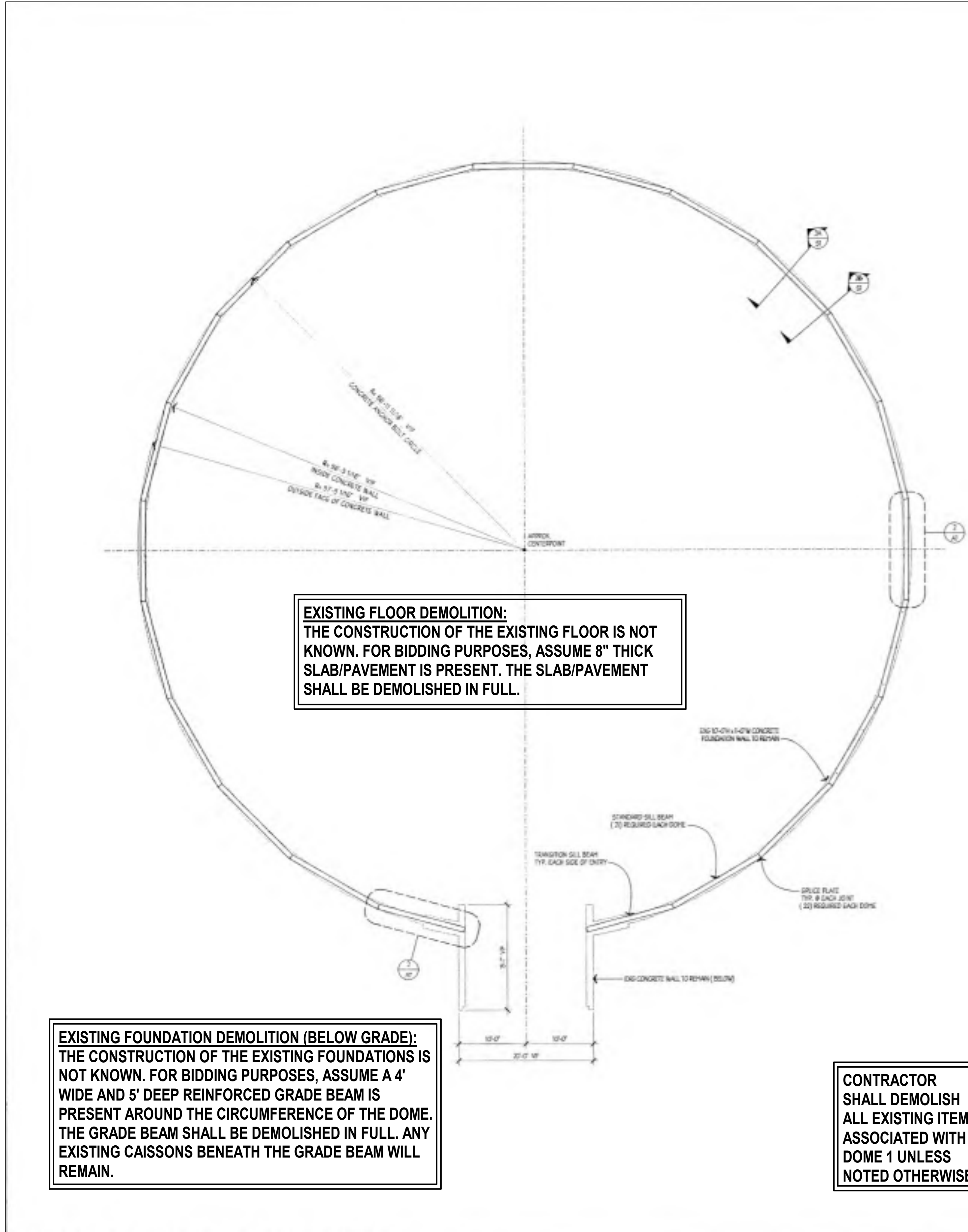
MARK	DATE	DESCRIPTION
REVISIONS		

PROJECT NO:	301.031.001
DATE:	JULY 10, 2020
DRAWN BY:	-
DESIGNED BY:	-
CHECKED BY:	-

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

EXISTING DOME FOUNDATION PLAN, DETAILS & NOTES-FOR REFERENCE

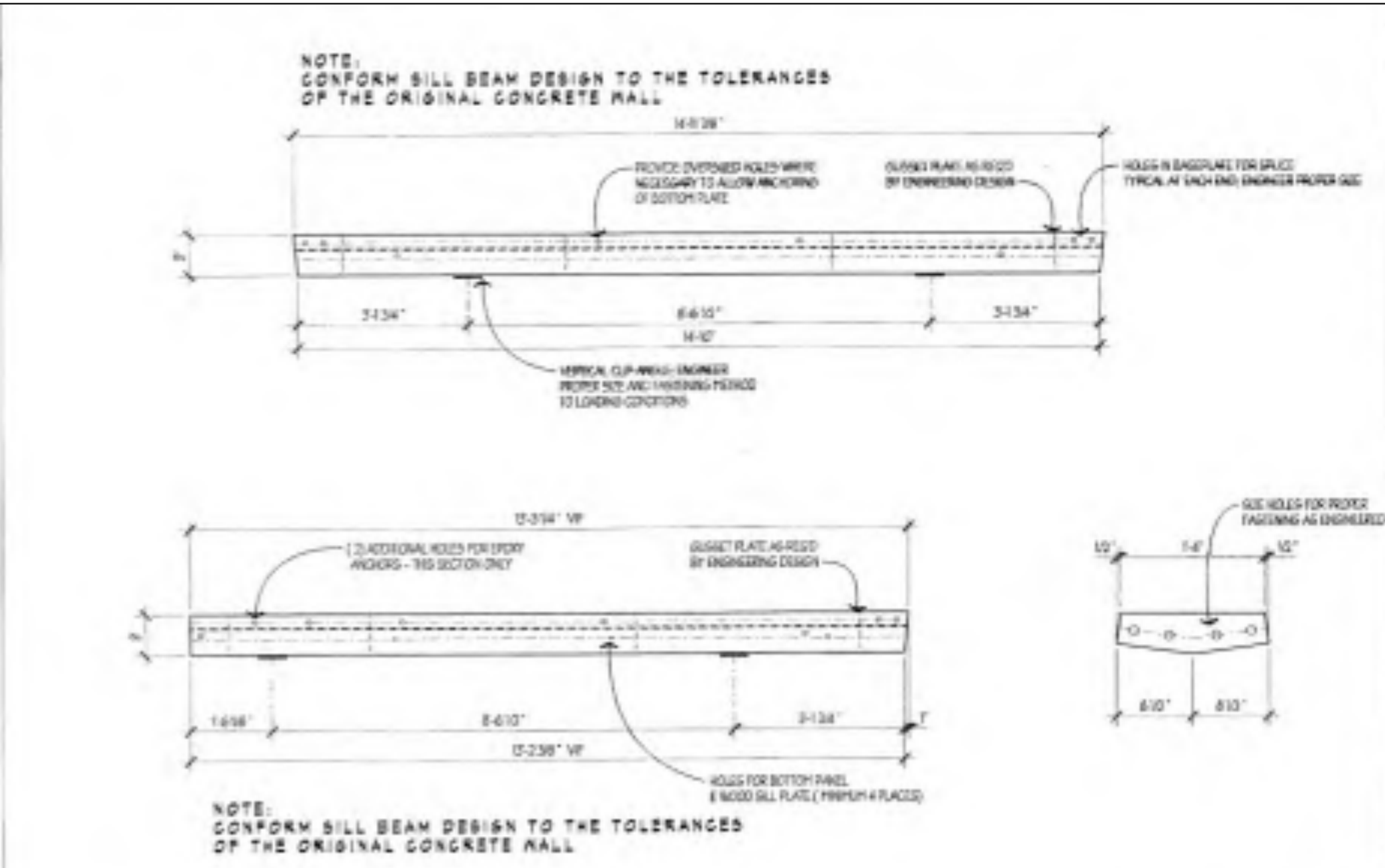
AD-102



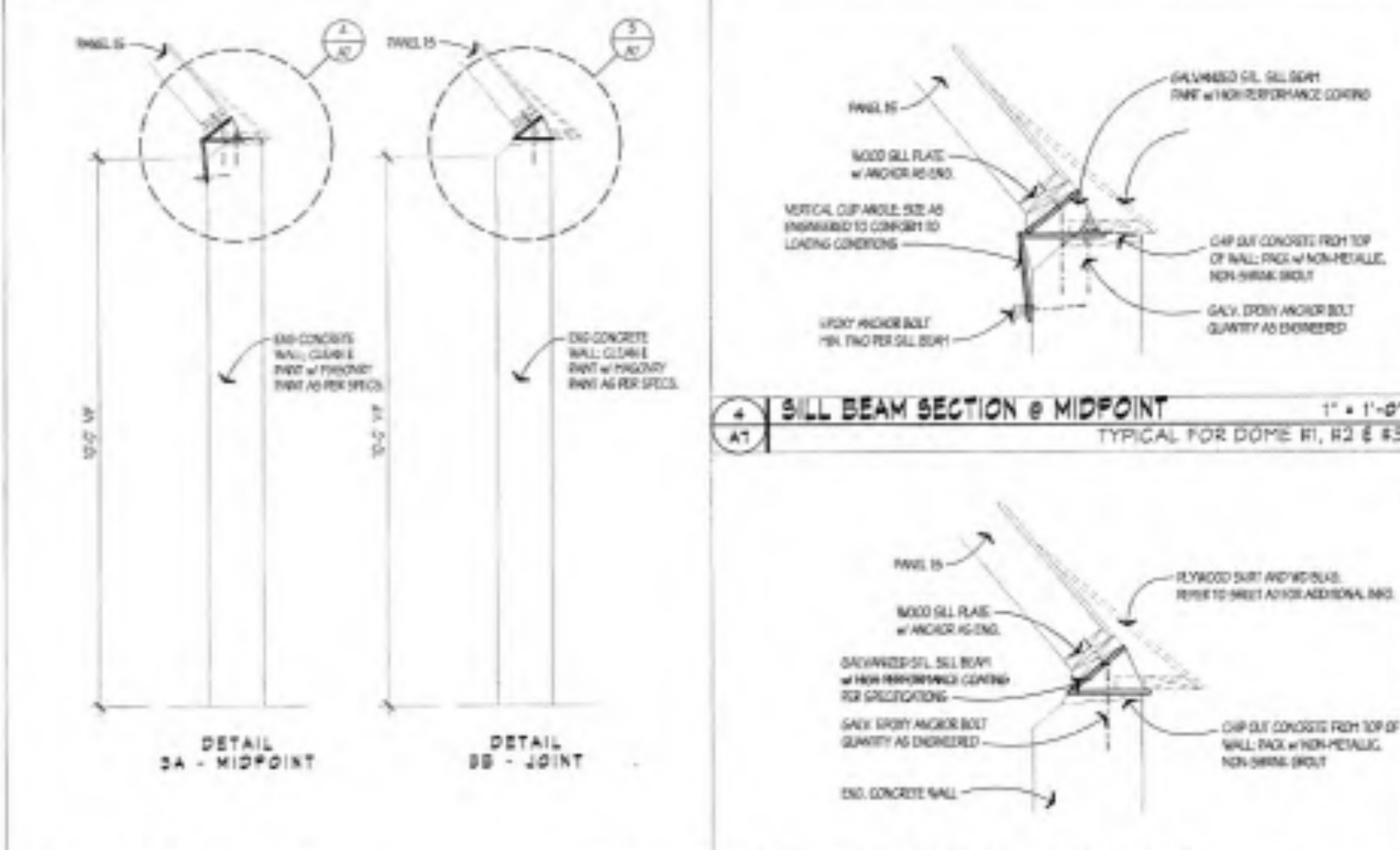
EXISTING FLOOR DEMOLITION:
 THE CONSTRUCTION OF THE EXISTING FLOOR IS NOT KNOWN. FOR BIDDING PURPOSES, ASSUME 8" THICK SLAB/PAVEMENT IS PRESENT. THE SLAB/PAVEMENT SHALL BE DEMOLISHED IN FULL.

EXISTING FOUNDATION DEMOLITION (BELOW GRADE):
 THE CONSTRUCTION OF THE EXISTING FOUNDATIONS IS NOT KNOWN. FOR BIDDING PURPOSES, ASSUME A 4' WIDE AND 5' DEEP REINFORCED GRADE BEAM IS PRESENT AROUND THE CIRCUMFERENCE OF THE DOME. THE GRADE BEAM SHALL BE DEMOLISHED IN FULL. ANY EXISTING CAISSONS BENEATH THE GRADE BEAM WILL REMAIN.

CONTRACTOR SHALL DEMOLISH ALL EXISTING ITEMS ASSOCIATED WITH DOME 1 UNLESS NOTED OTHERWISE

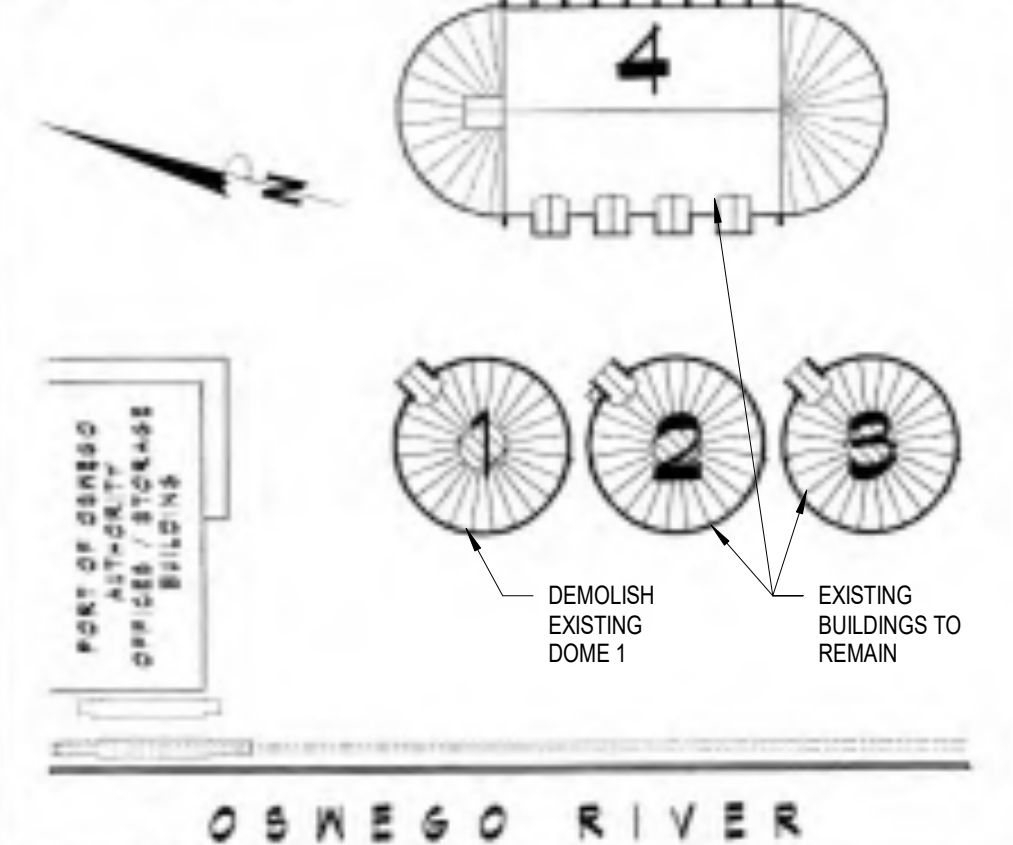


BILL BEAM DETAILS 1/2" = 1'-0"
 TYPICAL FOR DOME #1, #2 & #3



TYPICAL SECTIONS 1/2" = 1'-0"
 TYPICAL FOR DOME #1, #2 & #3

- GENERAL STRUCTURAL NOTES**
- THIS STRUCTURAL DESIGNATED SYSTEM IS A PERFORMANCE BASED DESIGN. IT REQUIRES THE COMPLETE DESIGN BY A NEW YORK STATE LICENSED STRUCTURAL ENGINEER WITH DRAWINGS, ACCOMPANYING SPECIFICATIONS AND CALCULATIONS TO SHOW COMPLIANCE FOR LOADING AS INDICATED, SNOW LOADING FOR 90 LBS. AND WIND LOADING - SPLIT AND SOFT PRESSURE FOR 110 P.S.F.
 - ALL EXPOSED STEEL COMPONENTS INTERIOR AND EXTERIOR, STRUCTURAL AND NON-STRUCTURAL ARE TO BE COATED WITH A HIGH PERFORMANCE COATING FOR SPECIFICATIONS.
 - CONFORM BILL BEAM DESIGN TO THE TOLERANCES OF THE ORIGINAL CONCRETE WALL.
 - ALL STEEL SHALL CONFORM TO ASTM AND AISC OR BETTER.
 - ALL STEEL SHALL HOT DIP GALVANIZED AFTER FABRICATION.
 - PROPERLY ENGINEER ALL CHANNELS, FRAMES, PLATES, BOLTS AND CONNECTIONS FOR LOADING CONDITIONS AS INDICATED.



GENERAL NOTES NO SCALE 1/8" = 1'-0"
 TYPICAL FOR DOME #1, #2 & #3

TYPICAL DOME FOUNDATION PLAN (NEXT BILL BEAM PLAN) 1/8" = 1'-0"
 TYPICAL FOR DOME #1, #2 & #3

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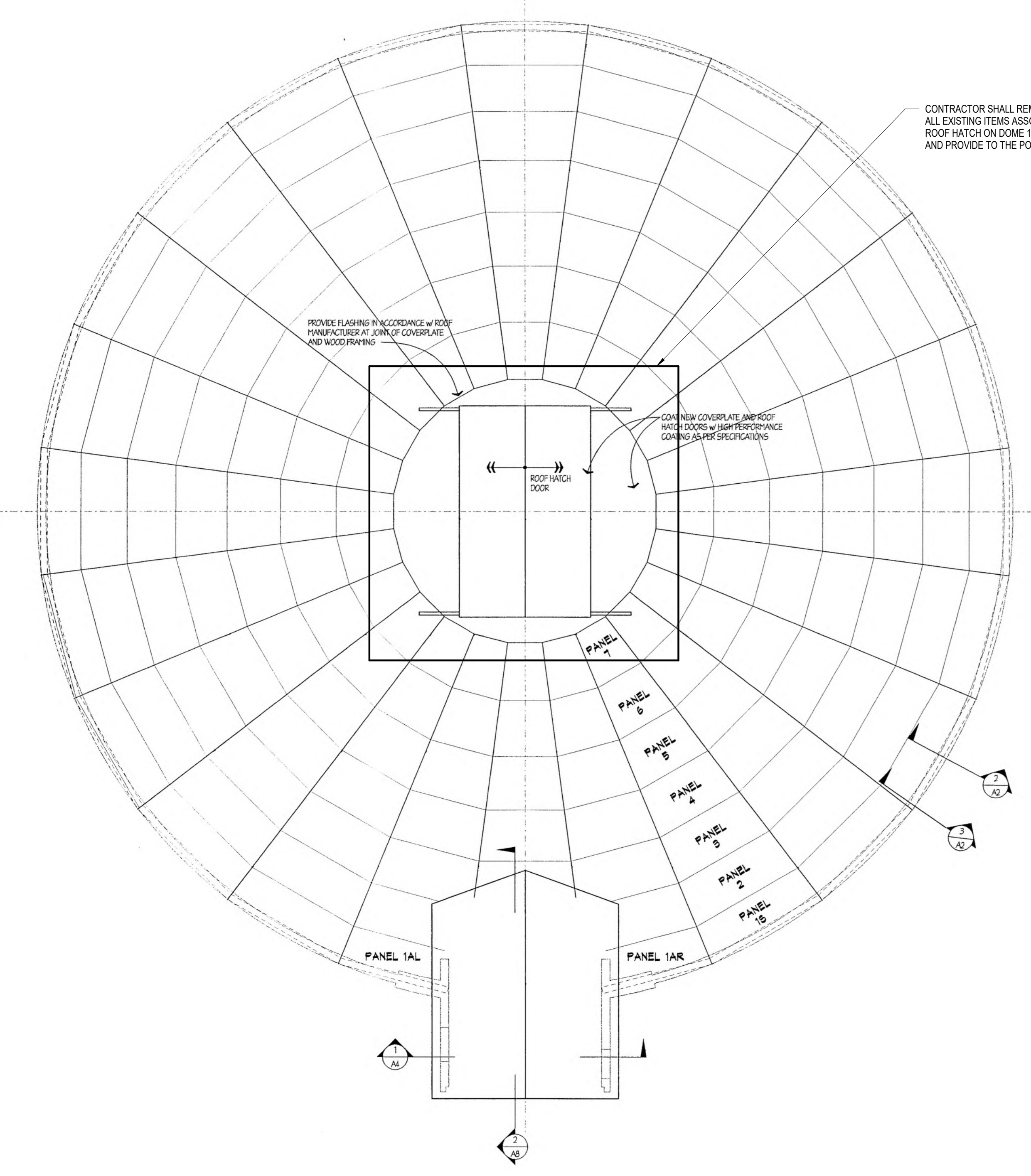
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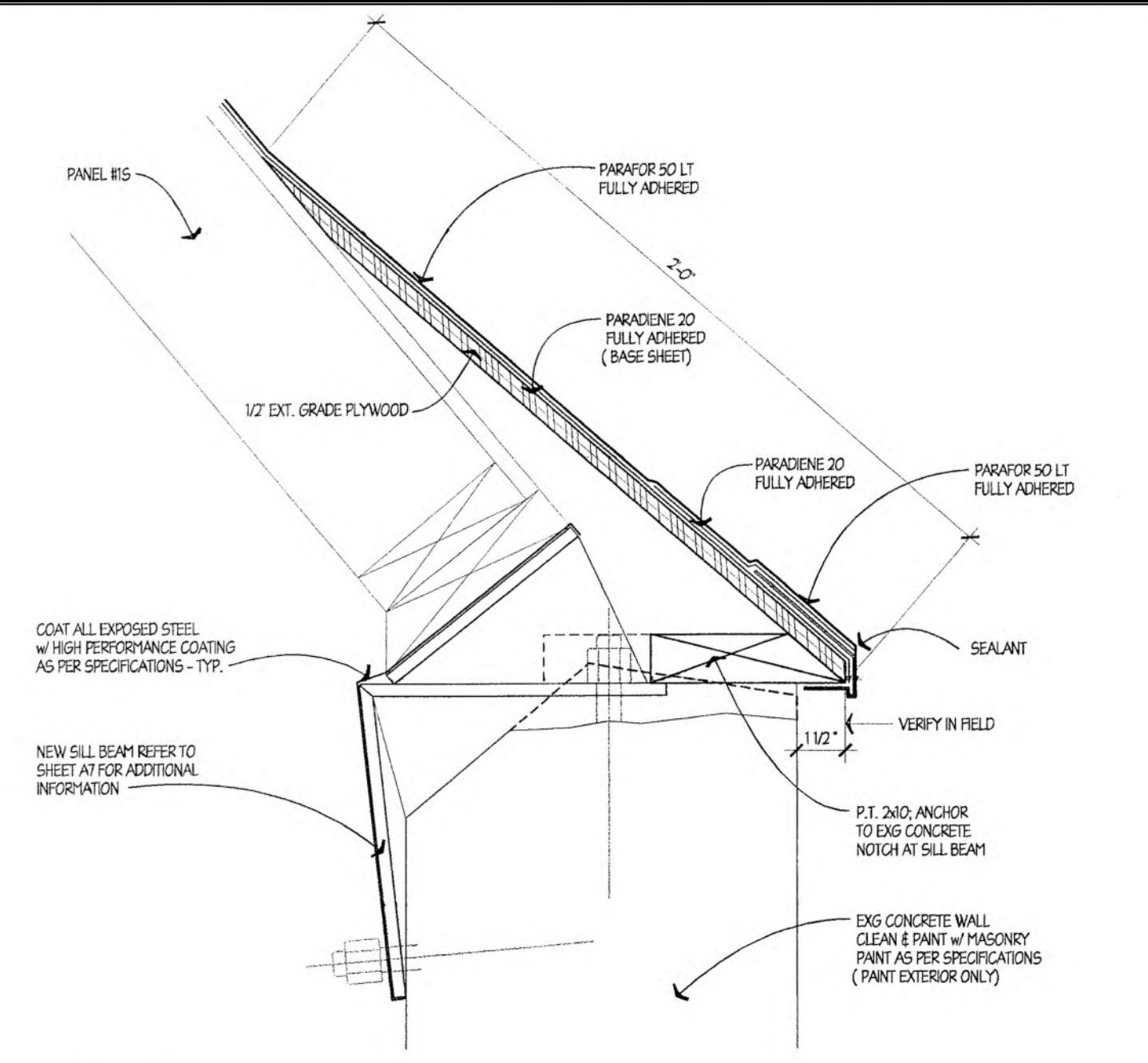
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EXISTING DOME ROOF PLAN FOR REFERENCE

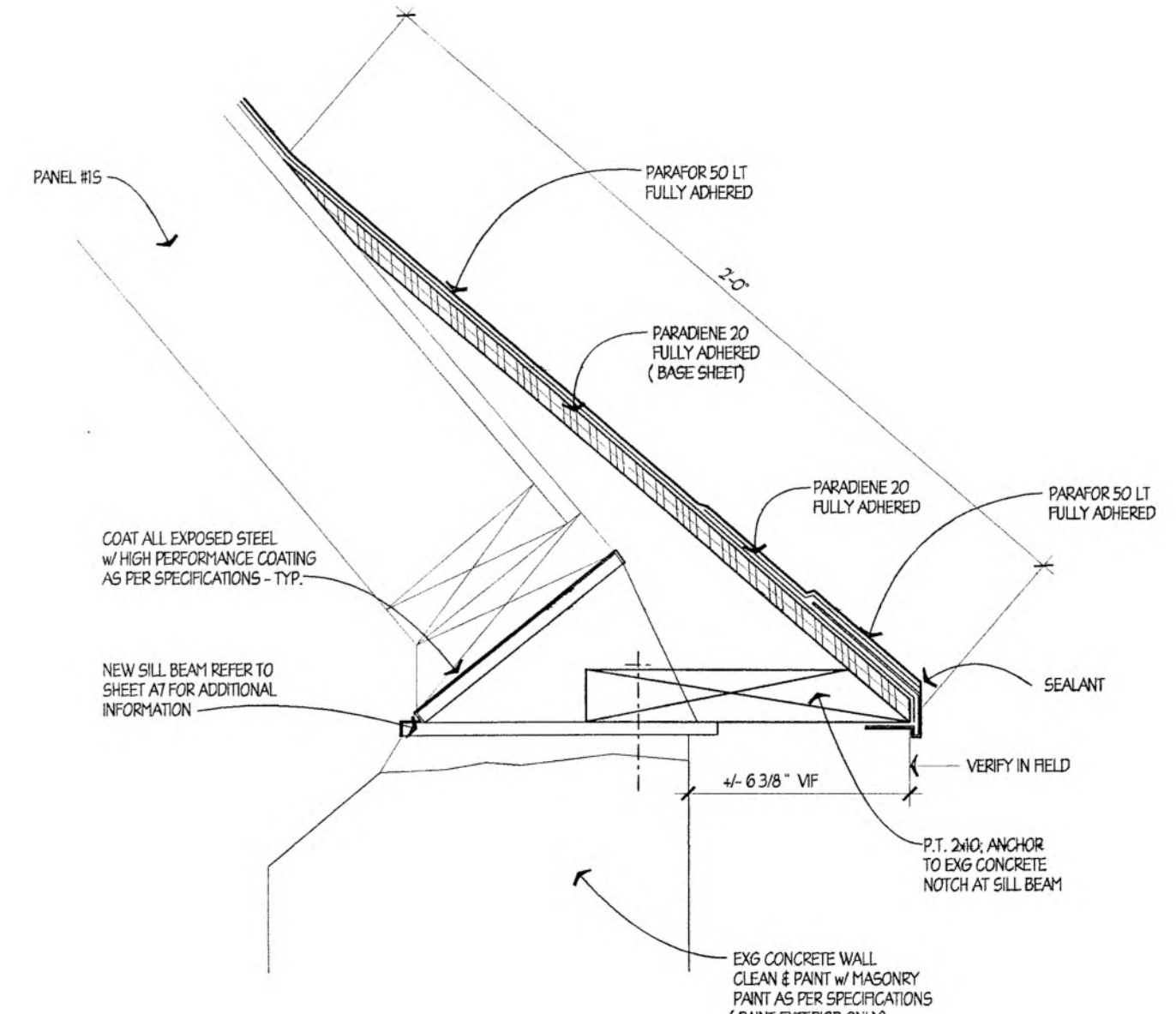
AD-103



1 TYPICAL DOME ROOF PLAN 1/8" = 1'-0" TYPICAL FOR DOMES #1, #2 AND #3

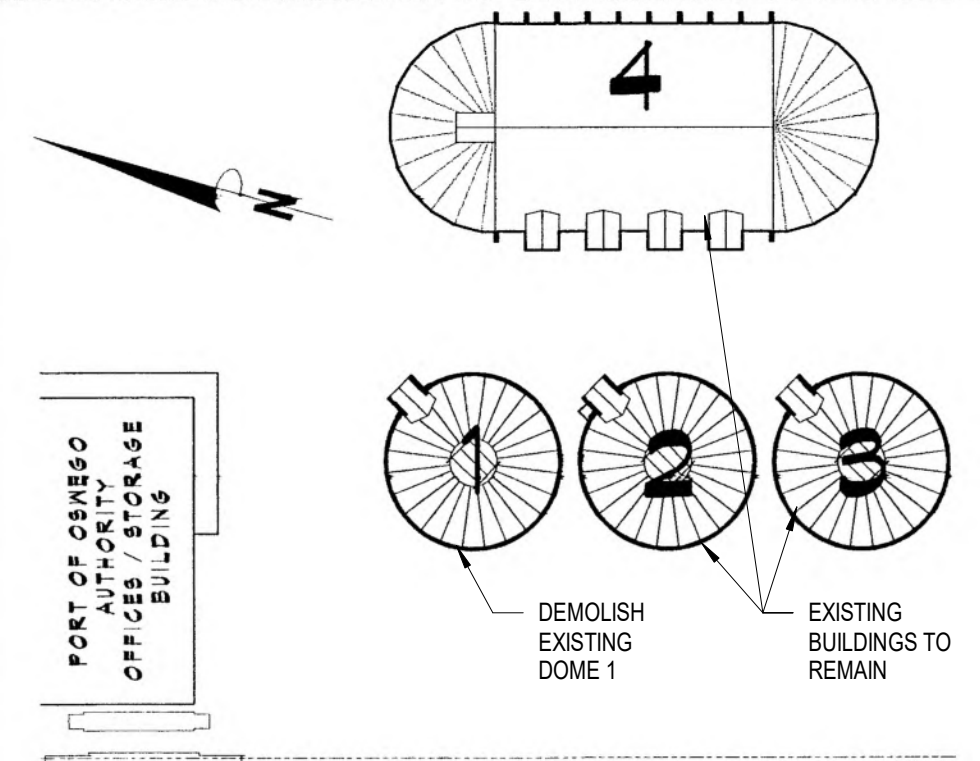


2 ROOF EDGE DETAIL 9" = 1'-0" TYPICAL FOR DOMES #1, #2 AND #3



2 ROOF EDGE DETAIL 9" = 1'-0" TYPICAL FOR DOMES #1, #2 AND #3

CONTRACTOR SHALL DEMOLISH ALL EXISTING ITEMS ASSOCIATED WITH DOME 1 UNLESS NOTED OTHERWISE



2 KEY PLAN N.T.S.



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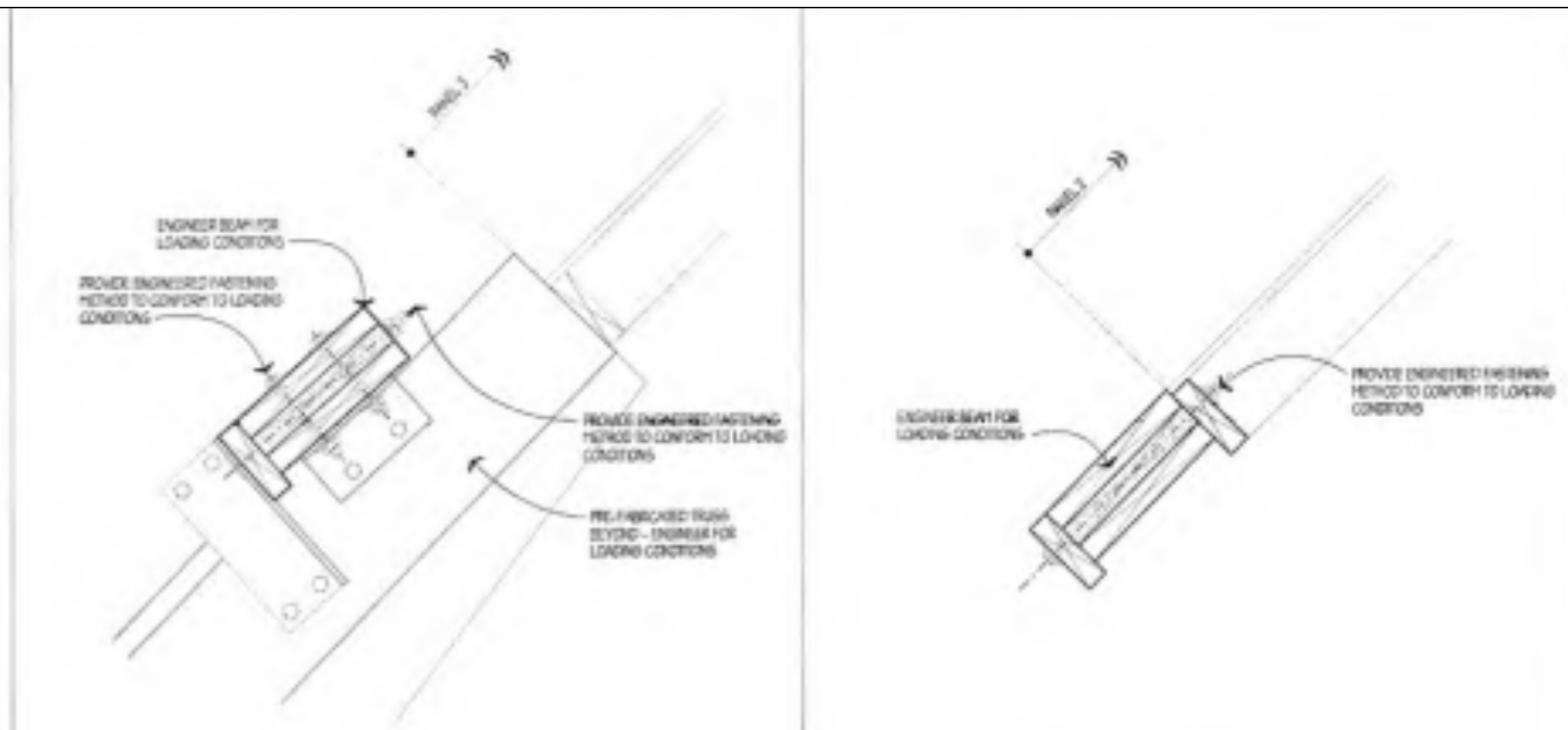
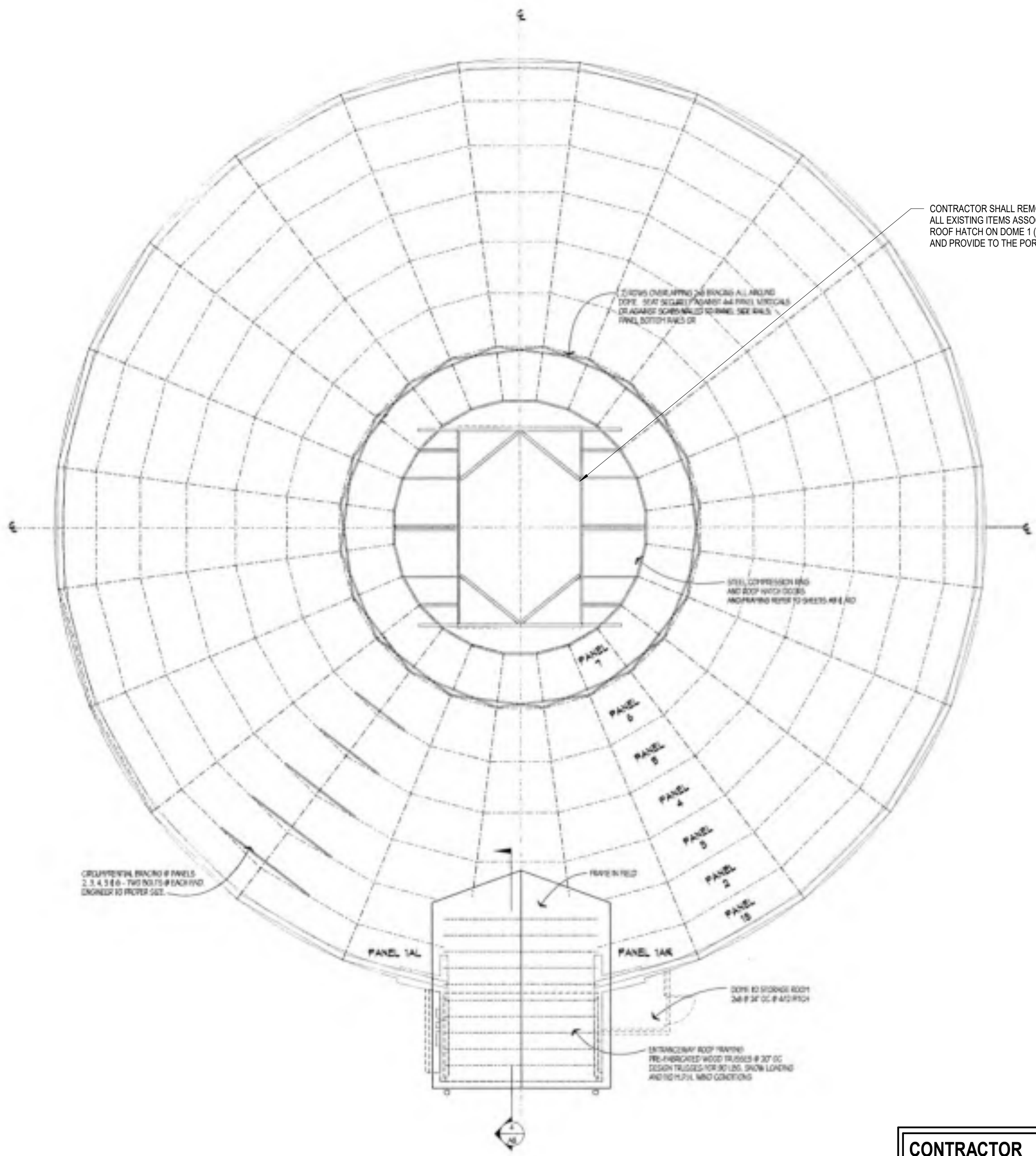
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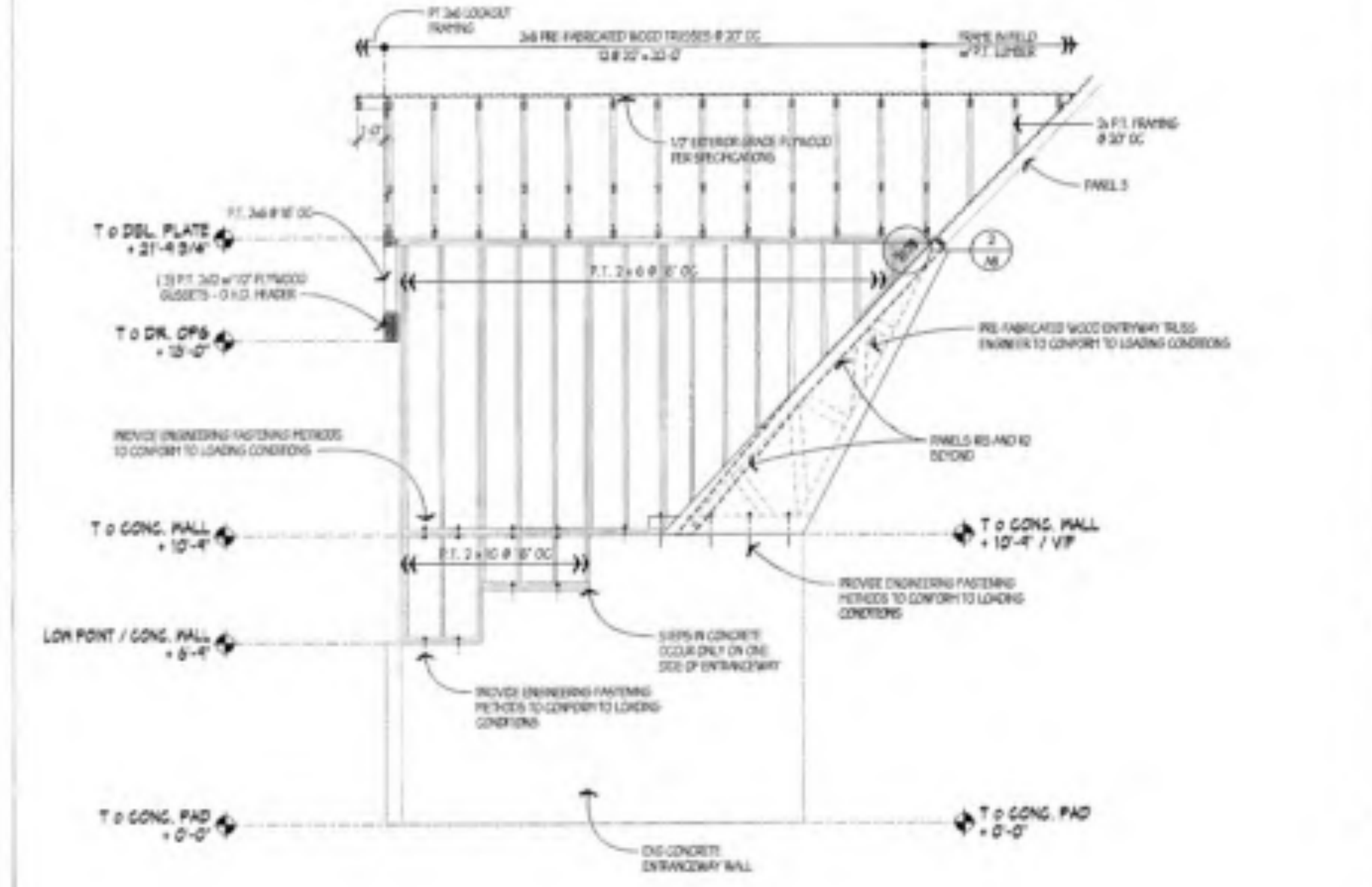
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EXISTING DOME FRAMING PLAN, DETAILS & NOTES-FOR REFERENCE

AD-104

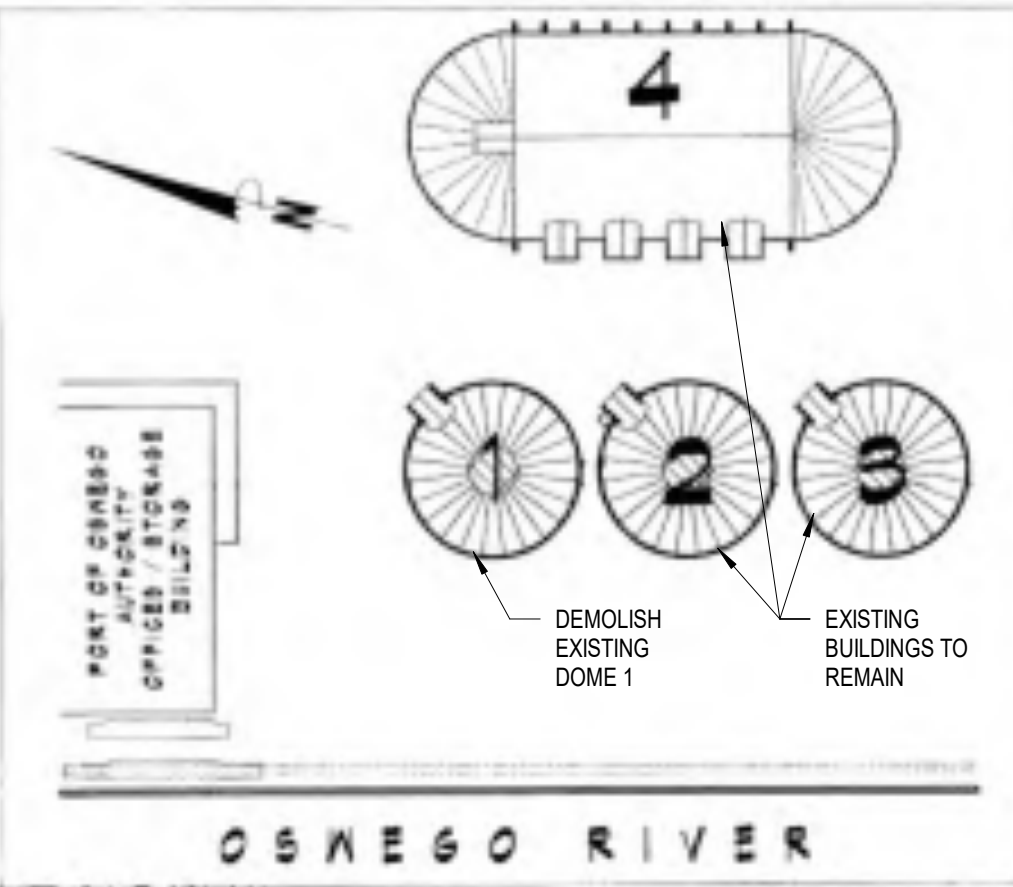


ENTRANCE LINTEL DETAIL 8/4" = 1'-0" BEAM @ PANEL 15 & PANEL 2 1 1/2" = 1'-0"



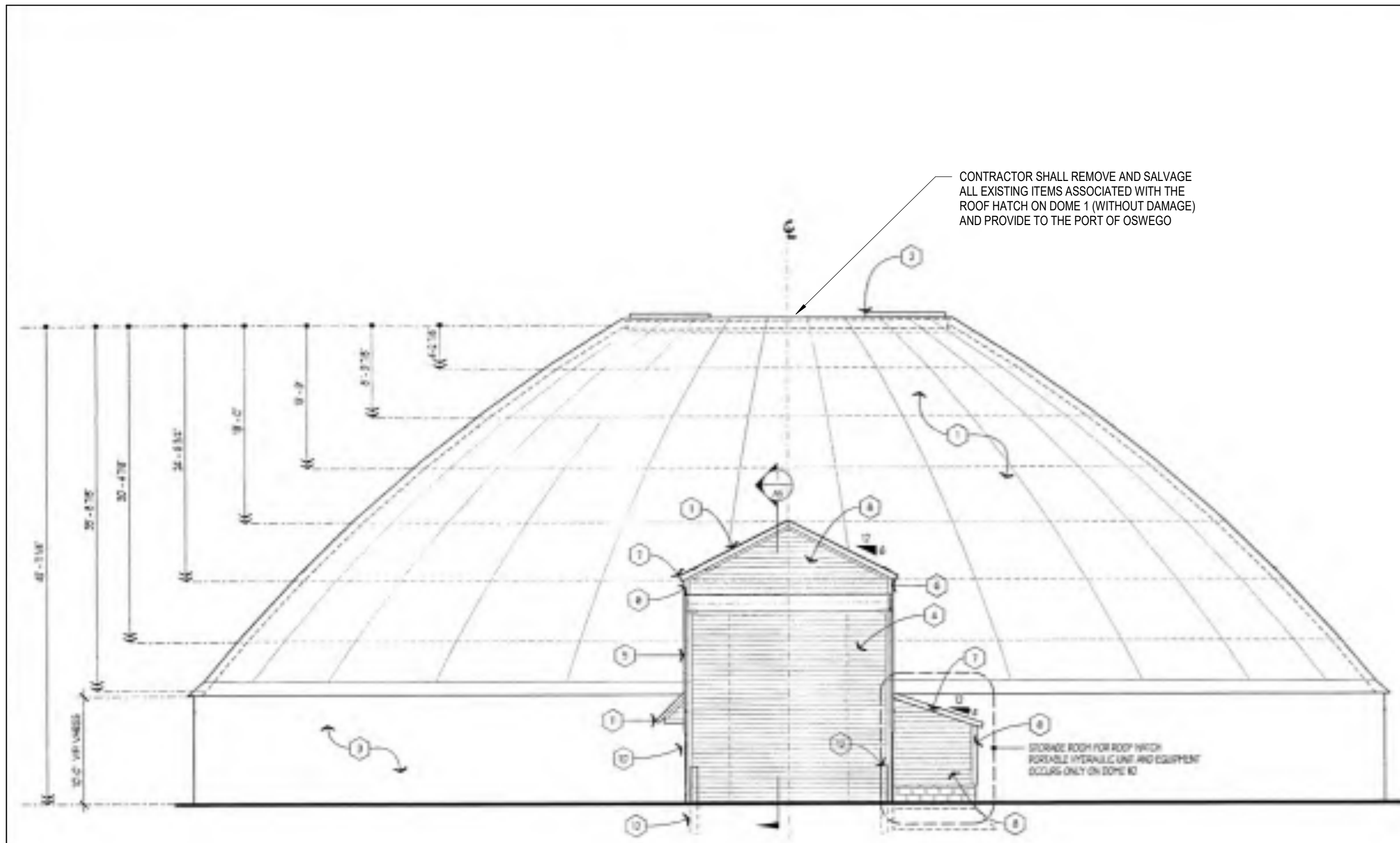
ENTRANCE FRAMING SECTION 1/4" = 1'-0"

- GENERAL STRUCTURAL NOTES**
- THIS STRUCTURAL DESIGNATED SYSTEM IS A PERFORMANCE BASED DESIGN. IT REQUIRES THE COMPLETE DESIGN BY A NEW YORK STATE LICENSED STRUCTURAL ENGINEER WITH DRAWINGS, ACCOMPANYING SPECIFICATIONS AND CALCULATIONS TO SHOW COMPLIANCE FOR LOADING AS INDICATED, SNOW LOADING FOR 90 LBS. AND WIND LOADING - URBAN AND SIDE PRESSURE FOR 150 M.P.H.
 - ALL EXPOSED STEEL COMPONENTS INTERIOR AND EXTERIOR, STRUCTURAL AND NON-STRUCTURAL ARE TO BE COATED WITH A HIGH PERFORMANCE COATING PER SPECIFICATIONS.
 - CONFORM TO BEAR DESIGN TO THE VIBRANCES OF THE ORIGINAL CONCRETE WALL.
 - ALL STEEL SHALL CONFORM TO ASTM A572 OR BETTER.
 - ALL STEEL SHALL NOT BE GALVANIZED AFTER FABRICATION.
 - PROPERLY ENGINEER ALL CHANNELS, FRAMES, PLATES, BOLTS AND CONNECTIONS FOR LOADING CONDITIONS AS INDICATED.



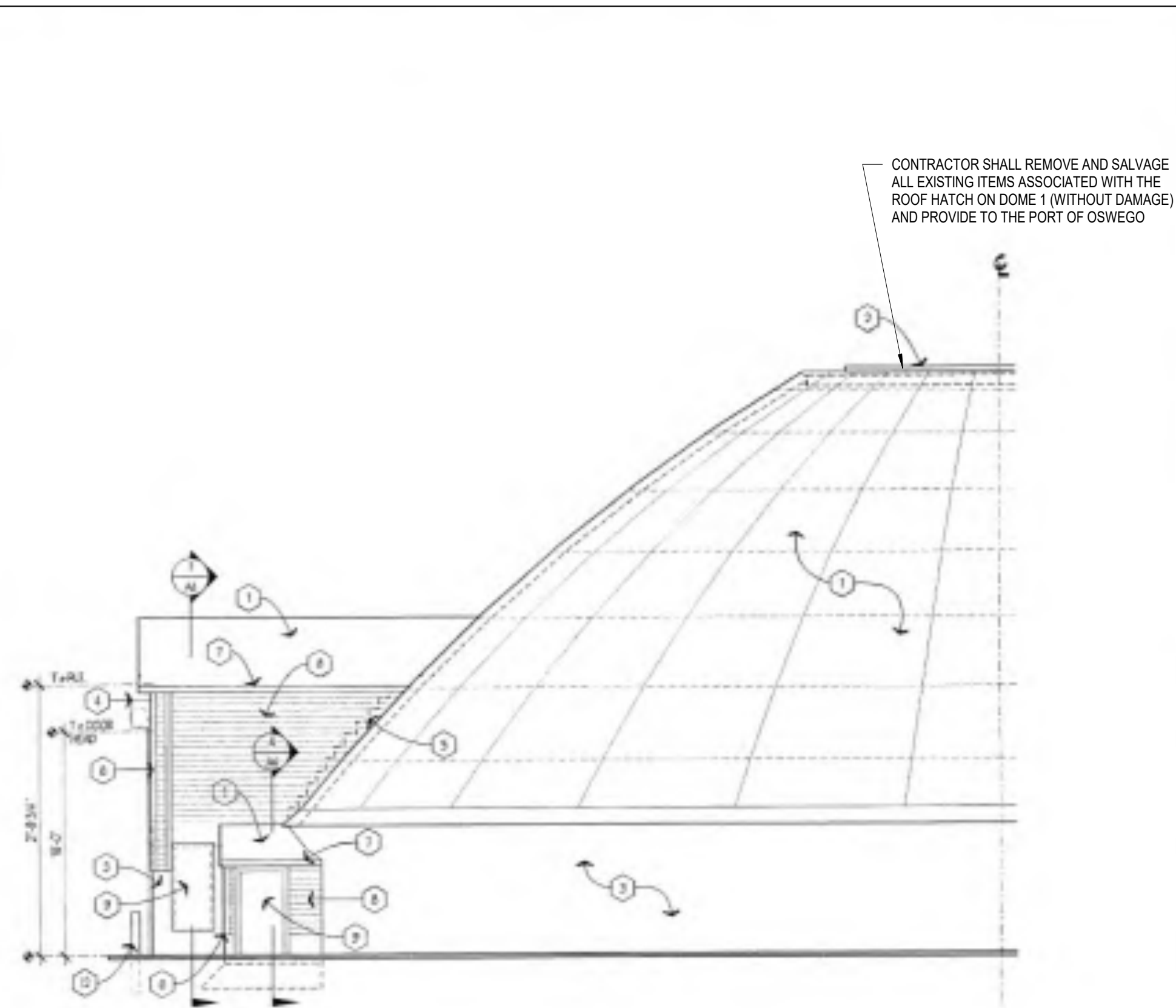
GENERAL NOTES NO SCALE KEYPLAN N.T.S.

TYPICAL DOME FRAMING PLAN 1/8" = 1'-0" GENERAL NOTES NO SCALE KEYPLAN N.T.S.



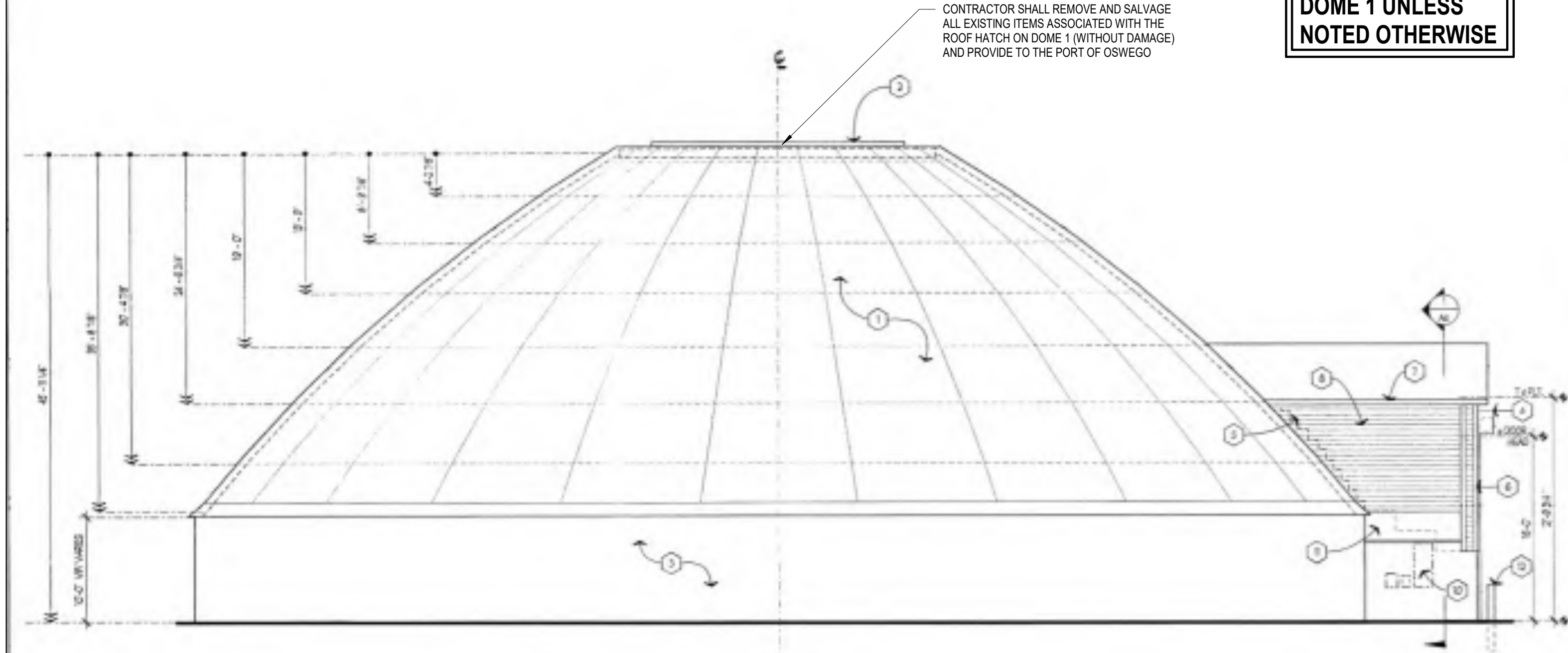
1 AS TYPICAL DOME FRONT ELEVATION

1/8" = 1'-0"



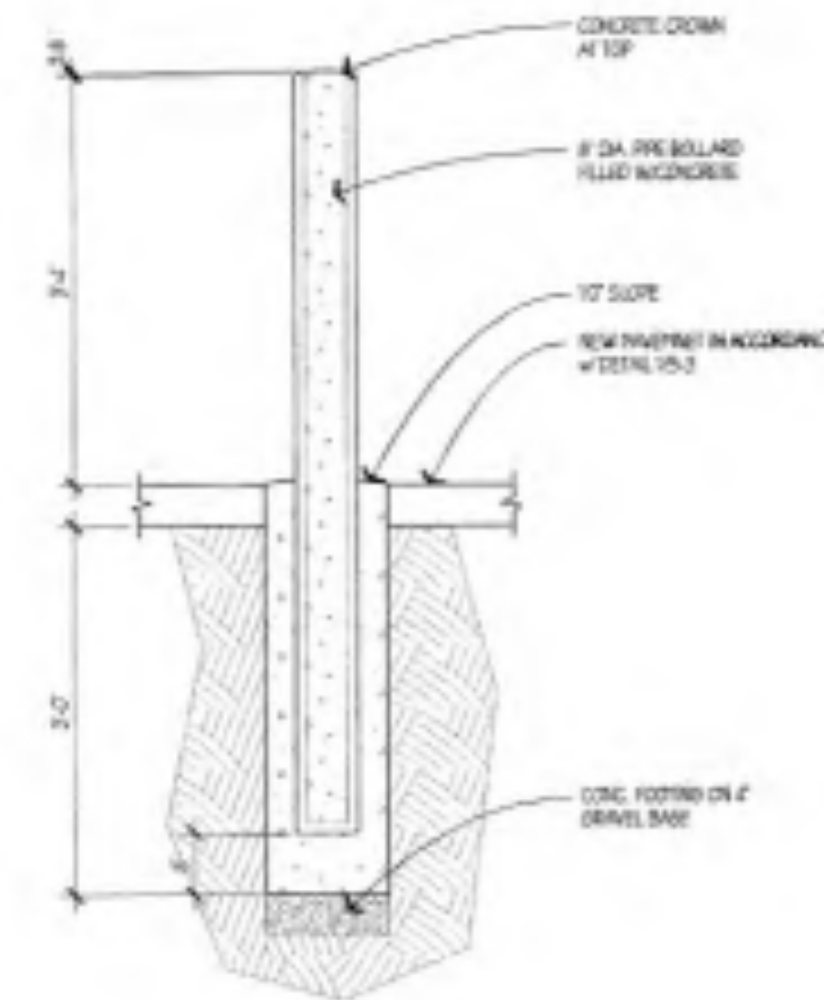
2 AS TYPICAL DOME SIDE ELEVATION

1/8" = 1'-0"



2 AS TYPICAL DOME SIDE ELEVATION

1/8" = 1'-0"



3 AS BOLLARD DETAIL

3/4" = 1'-0"

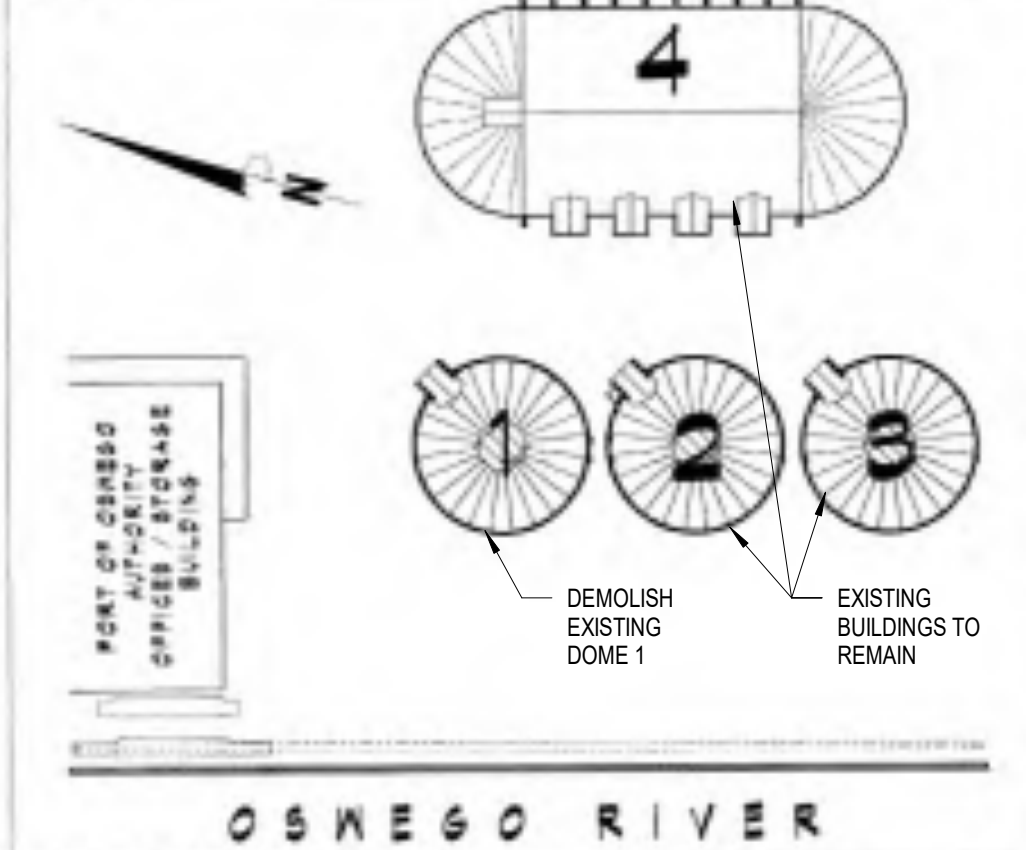
KEYED ELEVATION NOTES

- 1 NEW ROOF SYSTEM PER SPECIFICATIONS
- 2 NEW HYDRAULIC ROOF HATCH AND STEEL COMPRESSION RING. REFER TO SHEETS AD AND A10 FOR ADDITIONAL INFORMATION
- 3 EXISTING CONCRETE WALL. CLEAN AND REPAIR AS NECESSARY AND PAINT SMOOTH CONCRETE SURFACE AS PER SPECIFICATIONS.
- 4 NEW EXTERIOR MOUNTED ROLL-UP SERVICE DOOR w/ EXTERIOR HOOD AND OPERATOR PER SPECIFICATIONS. REFER TO DOOR SCHEDULE SHEET A1 FOR ADDITIONAL INFORMATION.
- 5 PROVIDE STEPPED FLASHING / WATERIGHT JOINT AT ALL INTERSECTIONS OF NEW ROOF SYSTEM AND ANY VERTICAL SURFACE. REFER TO DETAILS ON SHEET A3.
- 6 1" x 6" CEDAR CORNER BOARDS. PRIME AND PAINT PER SPECIFICATIONS.
- 7 1" x 6" CEDAR FASGIA. PRIME AND PAINT PER SPECIFICATIONS.
- 8 NEW VINYL SIDING AS PER SPECIFICATIONS.
- 9 NEW FIBERGLASS HALL DOOR w/ P.T. WOOD FRAME AND CEDAR TRIM. PRIME AND PAINT PER SPECIFICATIONS.
- 10 NEW ELECTRICAL PANELS AND EQUIPMENT. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 11 PROVIDE NEW STRUCTURE OVER NEW ELECTRICAL EQUIPMENT. REFER TO SHEET A4 FOR ADDITIONAL INFORMATION.
- 12 NEW OR RELOCATED STEEL PIPE BOLLARD. REFER TO BOLLARD DETAIL THIS SHEET.

KEYED ELEVATION NOTES

NO SCALE

NOTES APPLY THIS SHEET ONLY!



4 AS KEYPLAN

N.T.S.



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EXISTING DOME ELEVATIONS-FOR REFERENCE

AD-201