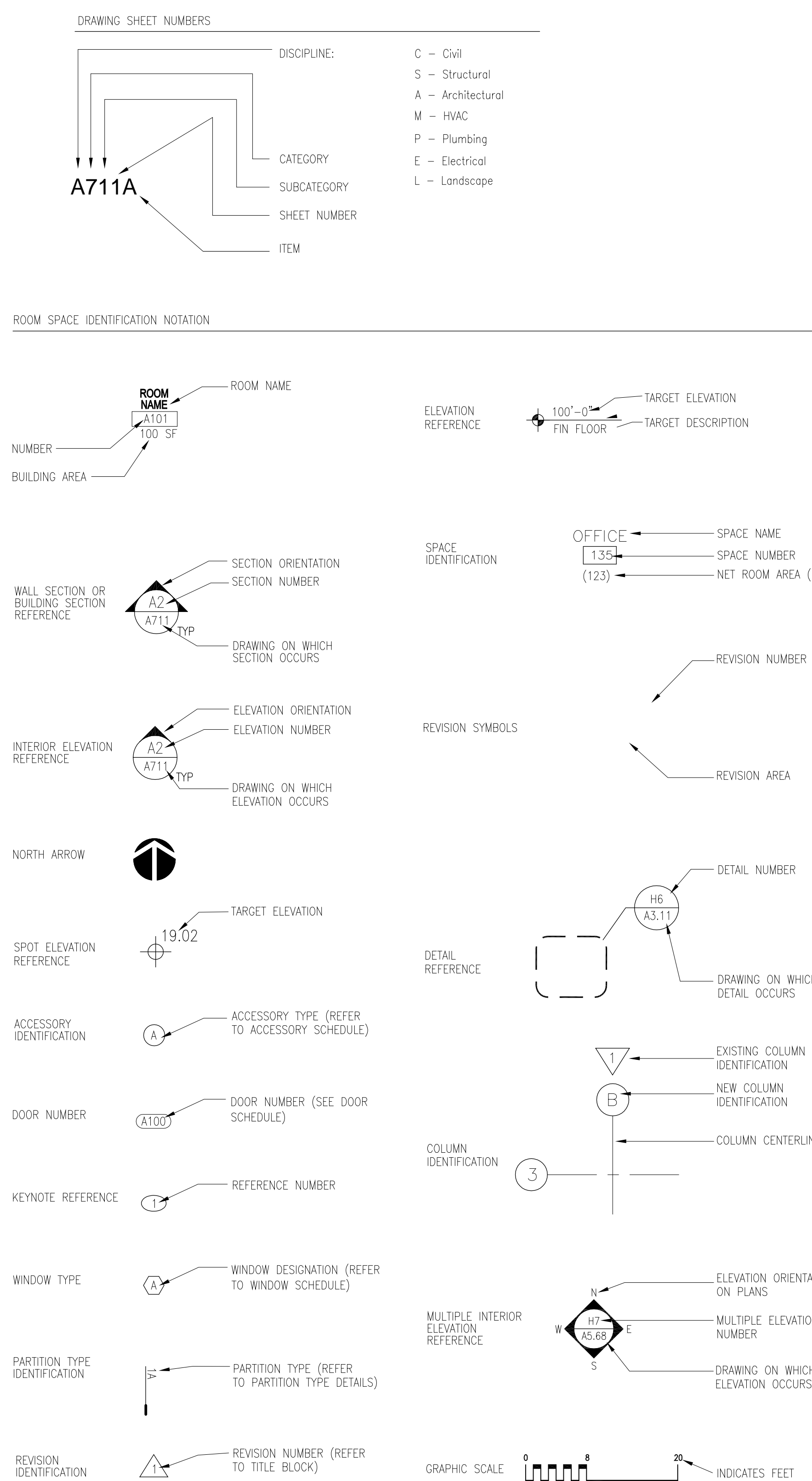


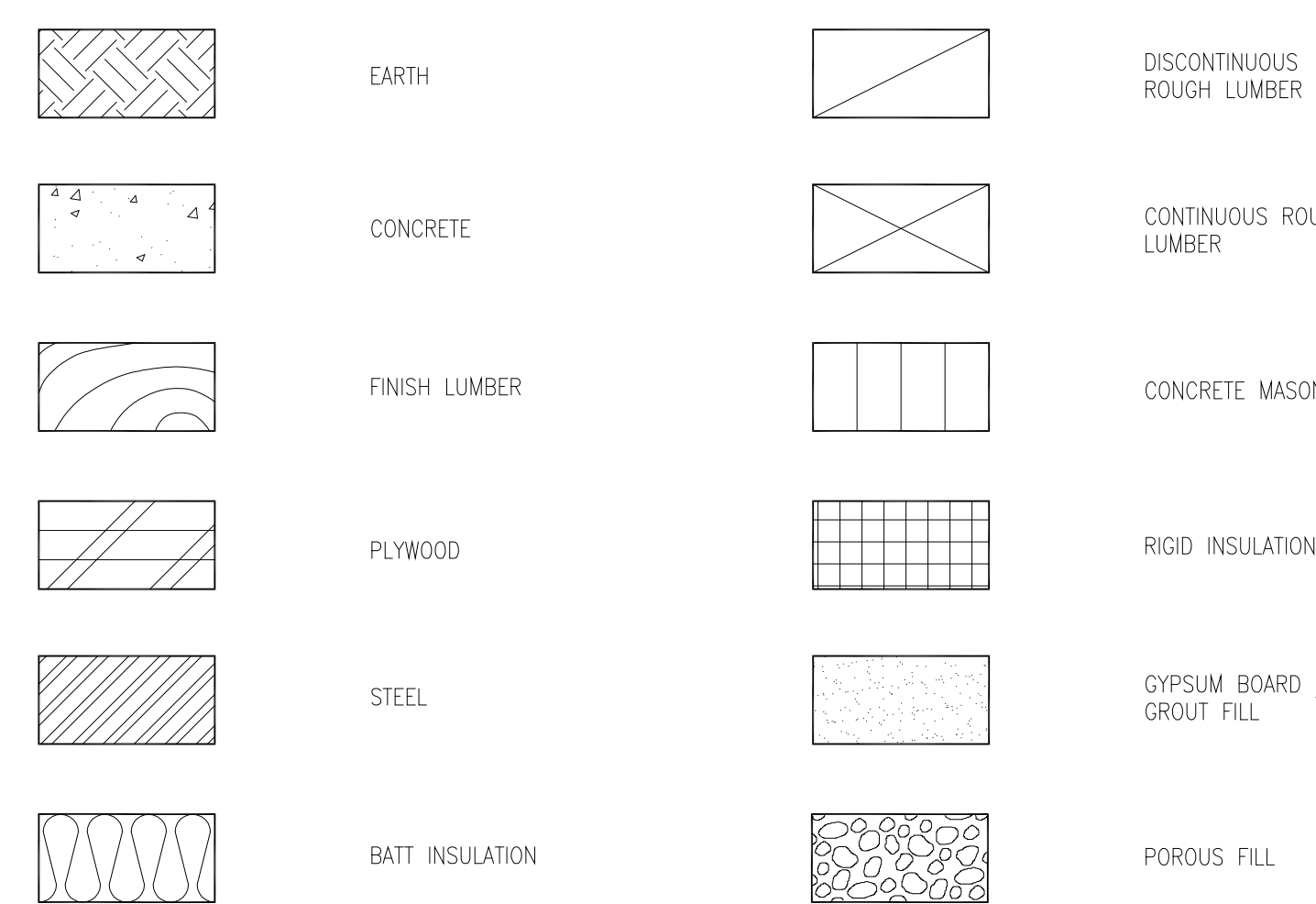
Dimensioning

- 1. WHEN A ROOM/BUILDING/OBJECT CENTERLINE IS INDICATED, ONLY ONE SIDE OF ELEMENT MAY BE DIMENSIONED... 2. DOOR LOCATION... 3. PARTITION FINISH FACE ON COLUMN OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY ON LARGER SCALE DRAWINGS... 4. PARTITIONS WITH FINISH FACE FLUSH WITH FINISH FACE OF COLUMN WILL NOT BE DRAWN ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY ON LARGER SCALE DRAWINGS... 5. PARTITIONS CENTERED ON COLUMNS OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY ON LARGER SCALE DRAWINGS... 6. PARTITIONS ARE DIMENSIONED TO FACE OF STUDS, FACE OF CMU AND FACE OF BLOCK UNLESS INDICATED OTHERWISE... 7. DIMENSIONS ARE INDICATED ON DRAWINGS, DO NOT SCALE DRAWINGS

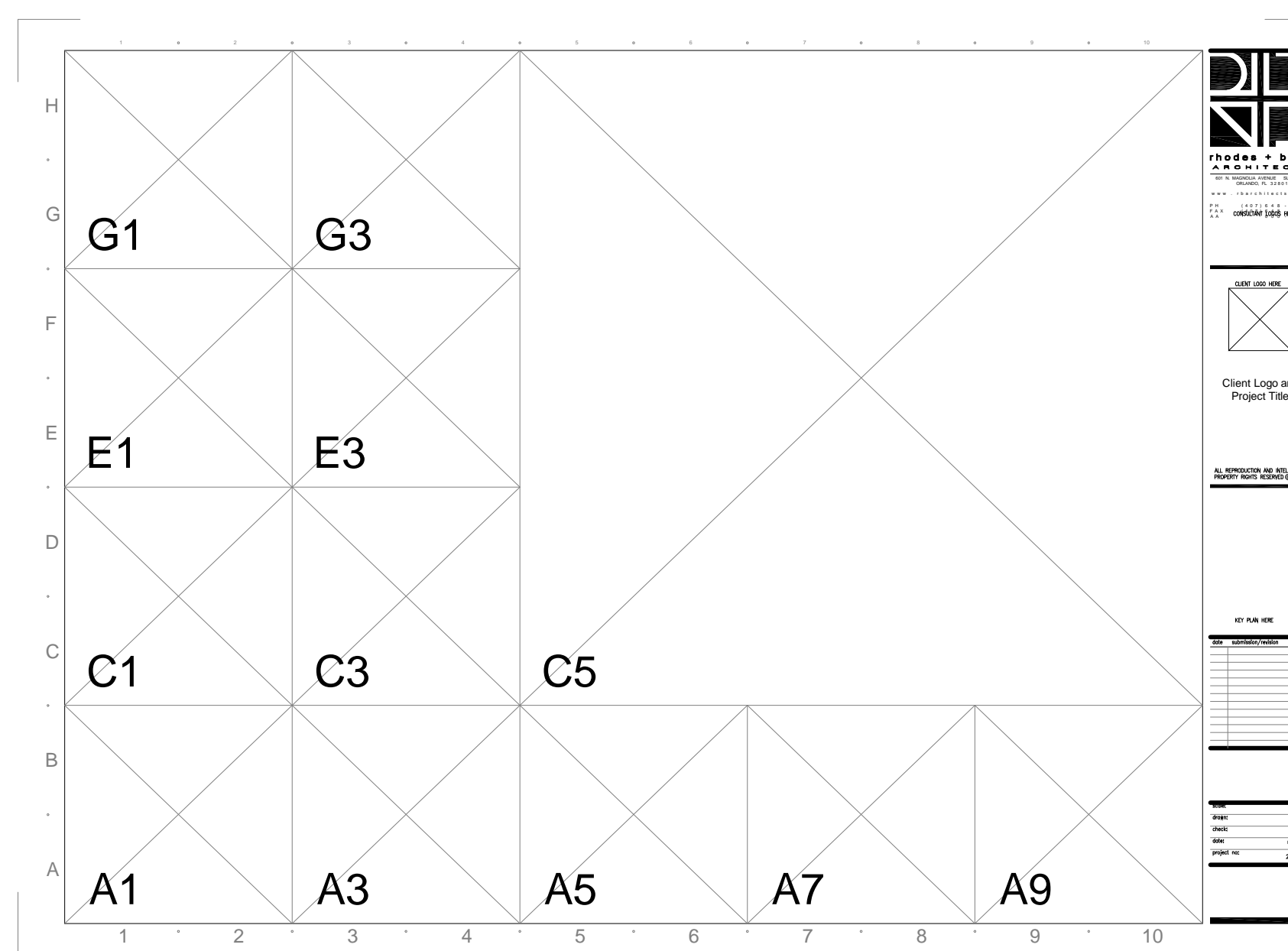
Drawing Symbol Legend



Materials Legend



Drawing Format



EACH SHEET IS DIVIDED INTO A GRID, AN ALPHA-NUMERIC GRID COORDINATE SYSTEM IS USED TO ORGANIZE THE DRAWING TITLES... DRAWING TITLES ARE NUMBERED ACCORDING TO ITS LOCATION ON THE GRID. THE LOWER LEFT HAND CORNER GRID OF THE DRAWING IS USED AS THE IDENTIFICATION NUMBER (SEE DIAGRAM).

Drawing Index

General

- CS001 COVER SHEET
G001 DRAWING GUIDE/ ABBREVIATIONS/ LEGENDS
G011 PROJECT LOCATION AND ROOF PLAN - NS CONCOURSE

Structural

- S-0.1 STRUCTURAL GENERAL NOTES
S-1.0 SHELL PLAN, ELEV. AND DETAILS
S-1.1 EXISTING SHELL PHOTOS
S-1.2 EXISTING SHELL DETAILS
S-1.3 EXISTING SHELL ROOF FRAMING
S-1.4 EXISTING SHELL SECTION
S-1.5 EXISTING SHELL GEOMETRY

Architecture

- A0.00 DEMOLITION
A2.21 ENLARGED ROOF PLAN - TYPICAL
A4.10 SHELL SECTION - TYPICAL
A5.01 DETAILS - TYPICAL
A7.01 ELEVATION - TYPICAL

List Of Abbreviations

Table listing abbreviations for various construction materials, components, and systems such as AB ANCHOR BOLT, AC AC, ACAC ACUSTICAL PLASTER, etc.

Rhodes + Brito ARCHITECTS logo and contact information: 605 EAST ROBINSON ST., SUITE 750 ORLANDO, FL 32801. Phone: (407) 648 - 7288. Fax: (407) 648 - 7289. Website: www.rbrchitects.com

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Orange County Convention Center North/South Vaulted Roofs Fall Arrest System

Capital Planning Division
9400 Universal Blvd
Orlando, FL 32819

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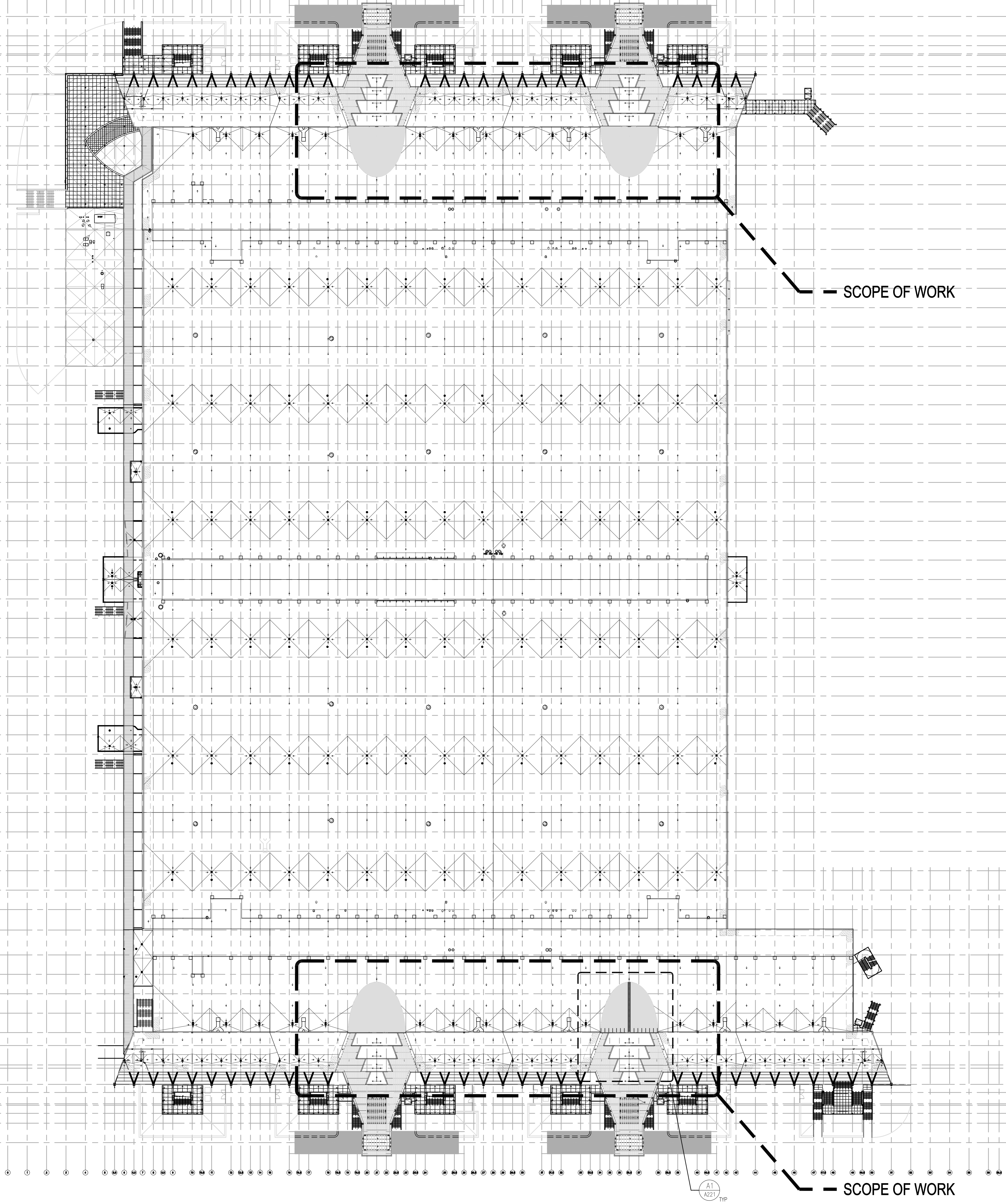
CONSTRUCTION DOCUMENTS

Table with columns for date, submittal/revision, and no. for tracking document versions.

Drawing Guide/Abbreviations/Legends

Table providing scale and drawing information: scale as shown, drawn by LF, checked by MB, date May 26, 2016, project no. 12002_0024

G001



— SCOPE OF WORK

— SCOPE OF WORK

GENERAL PLAN NOTES

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND SCHEDULING CONSTRUCTION PHASES WITH THE OWNER PRIOR TO CONSTRUCTION. OBTAINING WRITTEN APPROVAL FROM THE OWNER OF DEMOLITION SCHEDULE IS REQUIRED.
2. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK. NOTIFY OWNER IN WRITING OF ANY DISCREPANCIES PRIOR TO START OF CONSTRUCTION.
3. PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE. CONTRACTOR SHALL BEAR ALL COSTS FOR REPAIRING, REPLACING, REFINISHING ITEMS OF EXISTING ITEMS (INCLUDING FIRE, SMOKE RATINGS) DAMAGED.
4. CONTRACTOR IS TO MAINTAIN EXISTING FIRE, SMOKE RATINGS AT ALL TIMES. CONTRACTOR IS TO PATCH, REPAIR FIRE PROOFING DAMAGED DURING CONSTRUCTION.
5. PROVIDE, ERECT AND MAINTAIN TEMPORARY PARTITIONS, BARRIERS, GUARD RAILS AND OTHER SAFETY ITEMS AS REQUIRED BY REGULATORY AGENCIES, AS REQUIRED TO PROTECT OCCUPANTS OR AS NECESSARY TO PROTECT MATERIALS, SURFACES AND FINISHES.
6. WHEN CUTTING INTO EXISTING WALLS, SLAB AND ROOF, CONTRACTOR SHALL TAKE EXTREME CARE AND CAUTION TO AVOID DAMAGING THE STRUCTURAL INTEGRITY OF THESE AREAS. CONTRACTOR SHALL DOCUMENT ALL WALL, ROOF CUTS AND SLAB CUTS WHERE REINFORCING MEMBERS ARE CUT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, RESTORING AND MAINTAINING STRUCTURAL PERFORMANCES WHERE THE STRUCTURAL SYSTEM HAS BEEN COMPROMISED.
7. CONTRACTOR SHALL VERIFY ALL UTILITIES (SHOWN OR NOT SHOWN ON DRAWINGS) THAT ARE TO REMAIN PRIOR TO CONSTRUCTION OR CUTTING INTO ANY WALL. PERMANENT PROCEDURES ARE TO BE MADE TO REDUCE OR BYPASS UTILITIES TO AVOID DISRUPTION OR SEVERING OF UTILITIES. CONTRACTOR SHALL NOT REQUEST ADDITIONAL CHARGES FOR SUCH UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION).
8. WHERE SURFACE MOUNTED ITEMS ARE REMOVED FROM WALLS; (IE, SIGNAGE, RACEWAYS, EQUIPMENT, ETC) - PATCH/REPAIR WALLS AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
9. CONTRACTOR TO PROTECT ADJACENT SURFACES, INCLUDING BUT NOT LIMITED TO WINDOW SYSTEMS DURING CONSTRUCTION. CLEAN ADJACENT SURFACES AS REQUIRED PRIOR TO CONSTRUCTION.

Project Location and Roof Plan - N/S Concourse Building

A1 G011

scale: NTS



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CONSTRUCTION DOCUMENTS

date	submittal/revision	no.

Project Location and
Roof Plan - NS
Concourse Building

scale:	as shown
drawn:	LF
check:	MB
date:	May 26, 2016
project no:	12002_0024

G011

STRUCTURAL GENERAL NOTES:

GENERAL

- A. PERFORM CONSTRUCTION AND WORKMANSHIP IN COMPLIANCE WITH CONTRACT DOCUMENTS AND THE FLORIDA BUILDING CODE 2014.
- B. CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO THE STRUCTURAL DOCUMENTS (DRAWINGS AND SPECIFICATIONS), BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR.
- C. STRUCTURAL DRAWINGS, AS PART OF CONTRACT DOCUMENTS, INDICATE SUFFICIENT INFORMATION TO CONVEY DESIGN INTENT. IF ERRORS, INCONSISTENCIES OR OMISSIONS ARE DISCOVERED PROMPTLY NOTIFY STRUCTURAL ENGINEER BEFORE PROCEEDING WITH WORK.
- D. NO PORTION OF STRUCTURAL RELATED WORK, INCLUDING SHOP DRAWING DEVELOPMENT, SHALL BE PERFORMED WITHOUT CONSIDERING REQUIREMENTS OF CONTRACT DOCUMENTS IN THEIR ENTIRETY. FOR EXAMPLE, REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS, PENETRATIONS AND EMBEDMENT FOR DUCTS, PIPING, VENTS, CONDUITS AND OTHER ITEMS INCORPORATED IN STRUCTURAL WORK.
- E. OBSERVATION VISITS TO SITE BY FIELD REPRESENTATIVES OF ENGINEER OF RECORD DO NOT INCLUDE INSPECTIONS OF CONSTRUCTION MEANS AND METHODS, OBSERVATIONS PERFORMED BY ENGINEER OF RECORD DURING CONSTRUCTION ARE NOT CONTINUOUS AND DETAILED INSPECTION SERVICES WHICH ARE PERFORMED BY OTHERS, OBSERVATIONS PERFORMED BY ENGINEER OF RECORD ARE PERFORMED SOLELY FOR THE PURPOSE OF DETERMINING IF CONTRACTOR UNDERSTANDS DESIGN INTENT CONVEYED IN DESIGN DOCUMENTS. OBSERVATIONS DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND ARE NOT TO BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.
- F. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBER, AND ERECTION IN THE FIELD.
- G. THE CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF A ANY STRUCTURAL MEMBERS.
- H. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL ELEMENTS DURING CONSTRUCTION PROCESS UNTIL LATERAL LOAD RESISTING OR STABILITY PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER.
- I. WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
- J. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. THE APPLICABILITY OF THE DETAIL TO ITS LOCATION ON THE PLANS CAN BE DETERMINED BY THE TITLE OF THE DETAIL. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE KEYPED IN AT EACH LOCATION. DECISIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER.
- K. CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, SAFETY, TECHNIQUES, SEQUENCES, PROCEDURES OF CONSTRUCTION AND TO COMPLY WITH OSHA REGULATIONS.
- L. THE FLORIDA STATE BOARD OF PROFESSIONAL ENGINEERS HAS ISSUED STATEMENTS ON RESPONSIBILITIES OF PROFESSIONAL ENGINEERS, PURSUANT TO RULE 21H-19.00(3). CERTAIN COMPONENTS OF THE STRUCTURE REQUIRE THE WORK OF A SPECIALTY ENGINEER FOR THE DESIGN OF THOSE COMPONENTS. ALL PROCEDURES STATED IN THE STATEMENTS SHALL APPLY TO THIS PROJECT.

DESIGN WIND LOADS

- A. WIND LOADS:
 - 1. WIND LOADS SHALL BE BASED ON THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2014.
 - a) ULTIMATE DESIGN WIND SPEED V_{ult} = 149 MPH
 - a2) NOMINAL DESIGN WIND SPEED V_{std} = 116 MPH
 - b) RISK CATEGORY = III
 - c) WIND EXPOSURE C.

STRUCTURAL STEEL

- A. MATERIALS
 - 1. ALL NEW STEEL SHALL BE STAINLESS STEEL ALLOY T-316 ASTM A312
 - 2. ALL WELD SHALL BE STAINLESS STEEL ALLOY T-316L ASTM A312
- B. FABRICATION
 - 1. FABRICATE AND ASSEMBLE STEEL STRUCTURAL ASSEMBLIES IN SHOP TO GREATEST EXTENT POSSIBLE.
 - 2. DIMENSIONAL TOLERANCES OF FABRICATED STRUCTURAL STEEL SHALL CONFORM TO SECTION 6.4 OF THE AISC CODE OF STANDARD PRACTICE UNLESS NOTED OTHERWISE.
 - 3. THE FABRICATOR SHALL BE RESPONSIBLE FOR ALL ERRORS OF DETAILING ON THE SHOP DRAWINGS, ERRORS IN FABRICATION, AND FOR THE CORRECT FITTING OF STRUCTURAL MEMBERS.
- C. ERECTION
 - 1. ERECTION TOLERANCES OF ANCHORS BOLTS, EMBEDDED ITEMS, AND ALL STRUCTURAL STEEL UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS SHALL CONFORM TO AISC CODE OF STANDARD PRACTICE.
 - 2. THE DESIGN OF ALL TEMPORARY SHORING AND BRACING NOT SHOWN ON THE DRAWING SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. TEMPORARY SHORING AND BRACING IS TO BE DESIGNED BY A FLORIDA PROFESSIONAL ENGINEER.
 - 3. FIELD CUTTING OF STRUCTURAL STEEL OR ANY FIELD MODIFICATIONS TO STRUCTURAL STEEL SHALL NOT BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF ENGINEER FOR EACH SPECIFIC CASE.
 - 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES ESPECIALLY WITH RESPECT TO TEMPERATURE DIFFERENTIALS AND ERECTION TOLERANCES.
- D. WELDING
 - 1. STRUCTURAL STEEL SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. ALL WELDING SHALL BE DONE BY AWS CERTIFIED WELDERS AND IN ACCORDANCE WITH AWS D11. WELDS SHOWN IN THE DRAWINGS ARE THE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES, BASED ON PLATE THICKNESS. THE MINIMUM WELD SIZE SHALL BE 1/4 INCH. FIELD WELDING SYMBOLS HAVE NOT NECESSARILY BEEN INDICATED ON THE DRAWINGS, WHERE SHOWN, PROPER FIELD WELDING PER AWS D11 SHALL BE USED, WHERE NO FIELD WELDING SYMBOLS ARE SHOWN, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE USE OF SHOP AND FIELD WELDS.
 - 2. ALL PARTIAL PENETRATION GROOVE WELD SIZES SHOWN ON THE DRAWING REFER TO EFFECTIVE THROAT THICKNESS. ALL WELDS SHALL BE MADE USING LOW HYDROGEN ELECTRODES WITH MINIMUM TENSILE STRENGTH PER AWS D11 (MINIMUM 70 KSI). LOW HYDROGEN SMALL ELECTRODES SHALL BE USED WITHIN FOUR HOURS OF OPENING THEIR HERMETICALLY SEALED CONTAINERS, OR SHALL BE REDRIED PER AWS D11, SECTION 4.5. ELECTRODES SHALL BE REDRIED NO MORE THAN ONE TIME, AND ELECTRODES THAT HAVE BEEN WET SHALL NOT BE USED.
 - 3. ALL COMPLETE PENETRATION WELDS SHALL BE ULTRASONICALLY TESTED UPON COMPLETION OF THE CONNECTION, EXCEPT PLATE LESS THAN OR EQUAL TO 1/4 INCH THICK SHALL BE MAGNETIC PARTICLE TESTED. REDUCTION IN TESTING MAY BE MADE IN ACCORDANCE WITH THE BUILDING CODE WITH APPROVAL OF THE ENGINEER.
- E. STRUCTURAL BOLTS
 - 1. ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM A325 TYPE 1, HIGH STRENGTH BOLTS FOR STRUCTURAL STEEL JOINTS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
 - 2. MINIMUM BOLT DIAMETER SHALL BE 3/4 INCHES.
 - 3. UNLESS NOTED OTHERWISE IN THE DRAWINGS OR IN THESE GENERAL NOTES ALL BOLTED CONNECTION SHALL BE BEARING TYPE CONNECTIONS USING STANDARD HOLES WITH THREAD INCLUDED IN THE PLANES.
 - 4. HIGH STRENGTH BEARING BOLTS SHALL BE TIGHTENED USING AN IMPACT WRENCH TO A SNUG TIGHT CONDITION. THE SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS ATTAINED WITH A FEW IMPACT OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH.
 - 5. ALL BOLTS SHALL BE WELL LUBRICATED AT THE TIME OF INSTALLATION. DRY, RUSTY BOLTS WILL NOT BE ALLOWED.
 - 6. ALL BOLTS SHALL BE NEW AND SHALL NOT BE REUSED.

EXISTING STRUCTURE

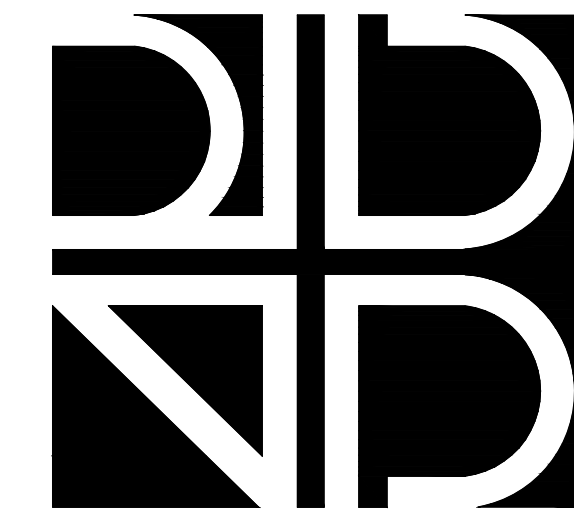
- A. EXISTING STRUCTURAL FRAMING, DIMENSIONS AND MEMBER SIZES ARE FROM AVAILABLE AS-BUILT DRAWINGS AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO FABRICATION. THE CONTRACTOR SHALL VERIFY THE ACTUAL CONFIGURATION OF EXISTING CONSTRUCTION AND THE SOUND CONDITION OF THE STRUCTURE BEFORE BEGINNING WORK. ANY DISCREPANCIES OR UNSOUND CONDITION SHALL BE REPORTED TO THE ARCHITECT AND OWNER FOR RESOLUTION BEFORE BEGINNING WORK.
- B. TEMPORARY SHORING AND BRACING MAY BE NECESSARY IN ORDER TO PERFORM THE NECESSARY STRUCTURAL MODIFICATIONS TO THE EXISTING STRUCTURE SHOWN ON THE STRUCTURAL AND ARCHITECTURAL PLANS AND DETAILS. THE CONTRACTOR MUST RETAIN A LICENSED STRUCTURAL ENGINEER WHO SHALL INVESTIGATE WHERE THIS TEMPORARY SHORING/BRACING IS REQUIRED, AND SHALL DESIGN THIS TEMPORARY SHORING/BRACING.

SHOP DRAWINGS

- A. ALL SHOP DRAWINGS SHALL BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL. ALL SUBMITTAL SHALL BE PROVIDED FOR THE ENGINEER REVIEW A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION OR REQUIRED DELIVERY OF MATERIALS. THE ENGINEER SHALL BE PROVIDED A MINIMUM OF 10 BUSINESS DAY TO REVIEW SUBMITTALS. THE CONTRACTOR SHALL MAKE NO CLAIMS FOR DELAY FOR SUBMITTALS NOT PROVIDED IN ACCORDANCE WITH THIS REQUIRED REVIEW PERIOD OR NOT OTHERWISE SUBMITTED IN A TIMELY MANNER.
- B. THE CONTRACTOR IS TO REVIEW EACH SUBMITTAL PRIOR TO FORWARDING TO ARCHITECT AND STRUCTURAL ENGINEER. THE CONTRACTOR IS TO STAMP EACH SUBMITTAL VERIFYING THAT THE FOLLOWING IS ADDRESSED:
 - 1. SHOP DRAWINGS IS REQUESTED.
 - 2. THE SHOP DRAWING IS BASED ON THE LATEST DESIGN.
 - 3. THE ARCHITECT'S AND STRUCTURAL ENGINEER'S COMMENTS FROM ANY PREVIOUS SUBMITTALS ARE ADDRESSED.
 - 4. THE WORK IS COORDINATED AMONG ALL CONSTRUCTION TRADES.
 - 5. REVISIONS FROM PREVIOUS SUBMITTALS ARE CLEARLY MARKED BY CIRCLING OR CLOUDS.
 - 6. SUBMITTAL IS COMPLETED.
- C. DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, THEREFORE THEY SHALL BE VERIFIED BY THE CONTRACTOR.
- D. SHOP DRAWINGS SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHING AND INSTALLED, AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHOD. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWINGS SUBMITTAL AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.
- E. THE GENERAL CONTRACTOR SHALL SUBMIT FOR ENGINEER REVIEW SHOP DRAWINGS FOR THE FOLLOWING ITEMS:

STRUCTURAL STAINLESS STEEL

STRUCTURAL SHEET INDEX	
SHEET NO.	SHEET TITLE:
6-01	STRUCTURAL GENERAL NOTES
6-10	SHELL PLAN, ELEVATION AND DETAILS
6-11	EXISTING SHELL PHOTOS
6-12	EXISTING SHELL DETAILS
6-13	EXISTING SHELL ROOF FRAMING
6-14	EXISTING SHELL SECTION
6-15	EXISTING SHELL GEOMETRY



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ASD
ADVANCED STRUCTURAL DESIGN
To the best of the engineer's knowledge, the plans and specifications comply with the Florida Building Code 2014.
1035 S. Semoran Blvd., Suite 1010, Winter Park, FL 32792
Phone: 407-477-6838 | Fax: 407-477-6894
Florida Engineering Business Number: 26813
Jamshid Hakimian, P.E. Florida No: 46613



Orange County
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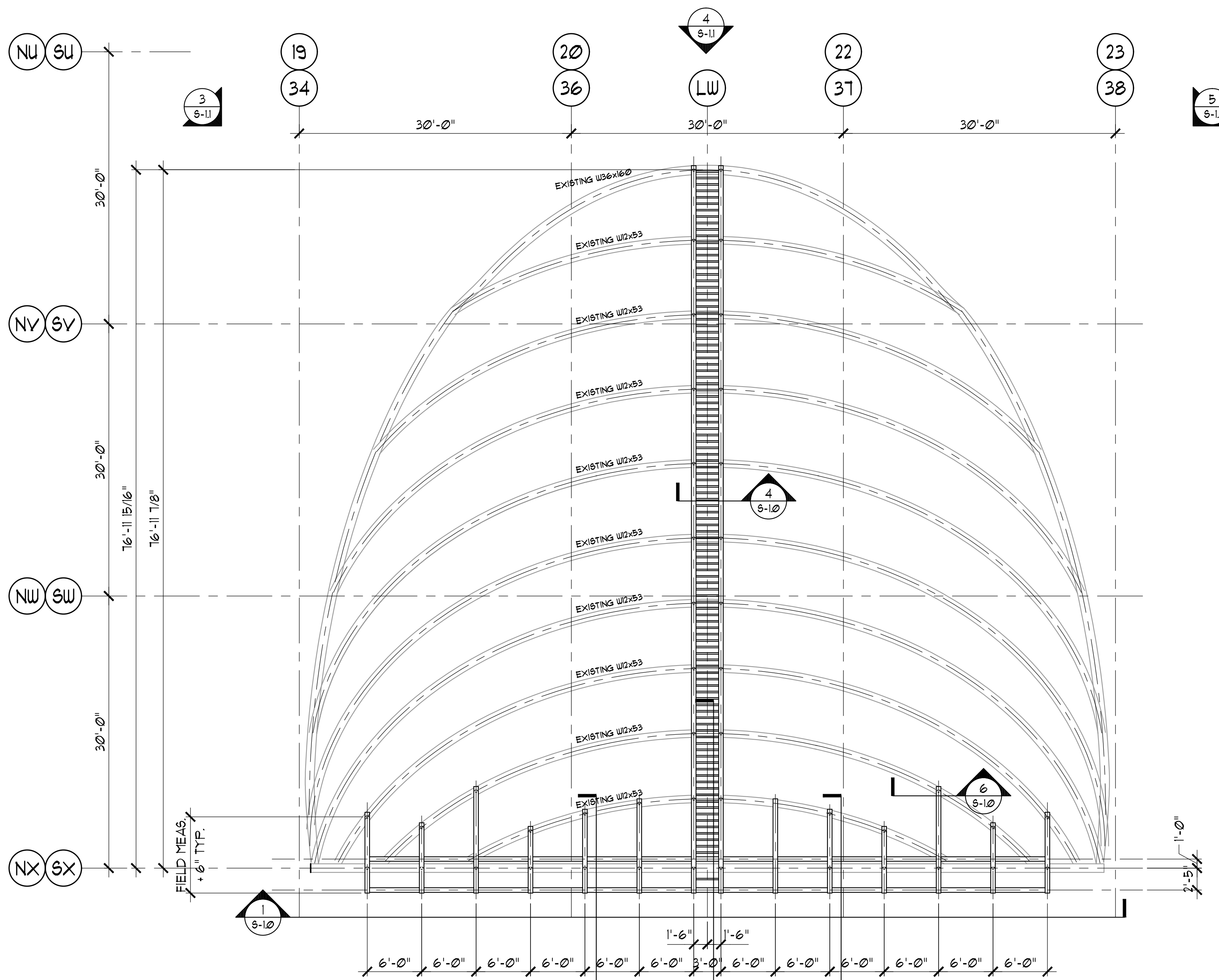
100% CONSTRUCTION DOCUMENTS

date	submittal/revision	no.

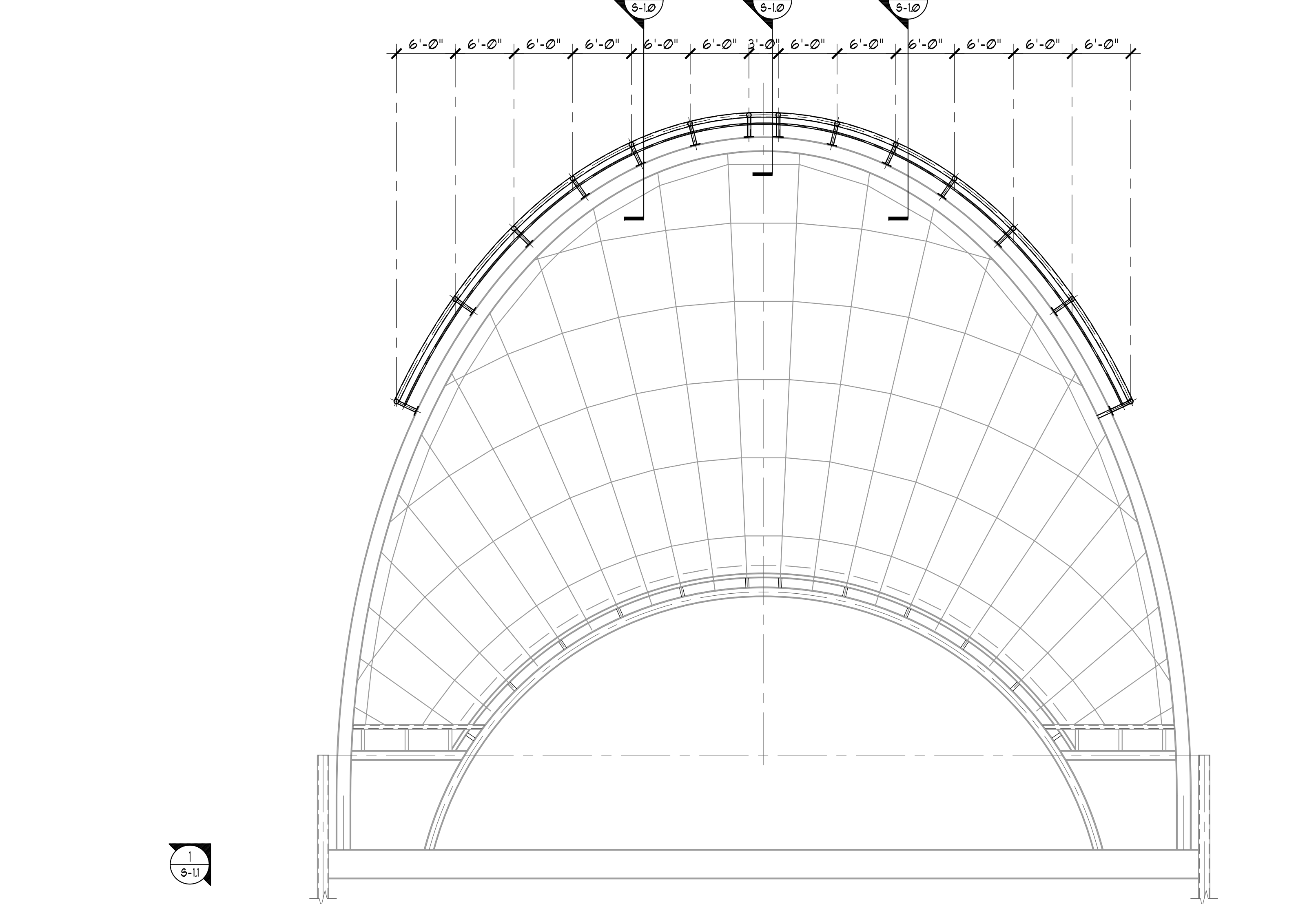
STRUCTURAL
GENERAL
NOTES

scale: AS NOTED
drawn: J.H.
check: J.H.
date: May 26, 2016
project no: 12002-0024

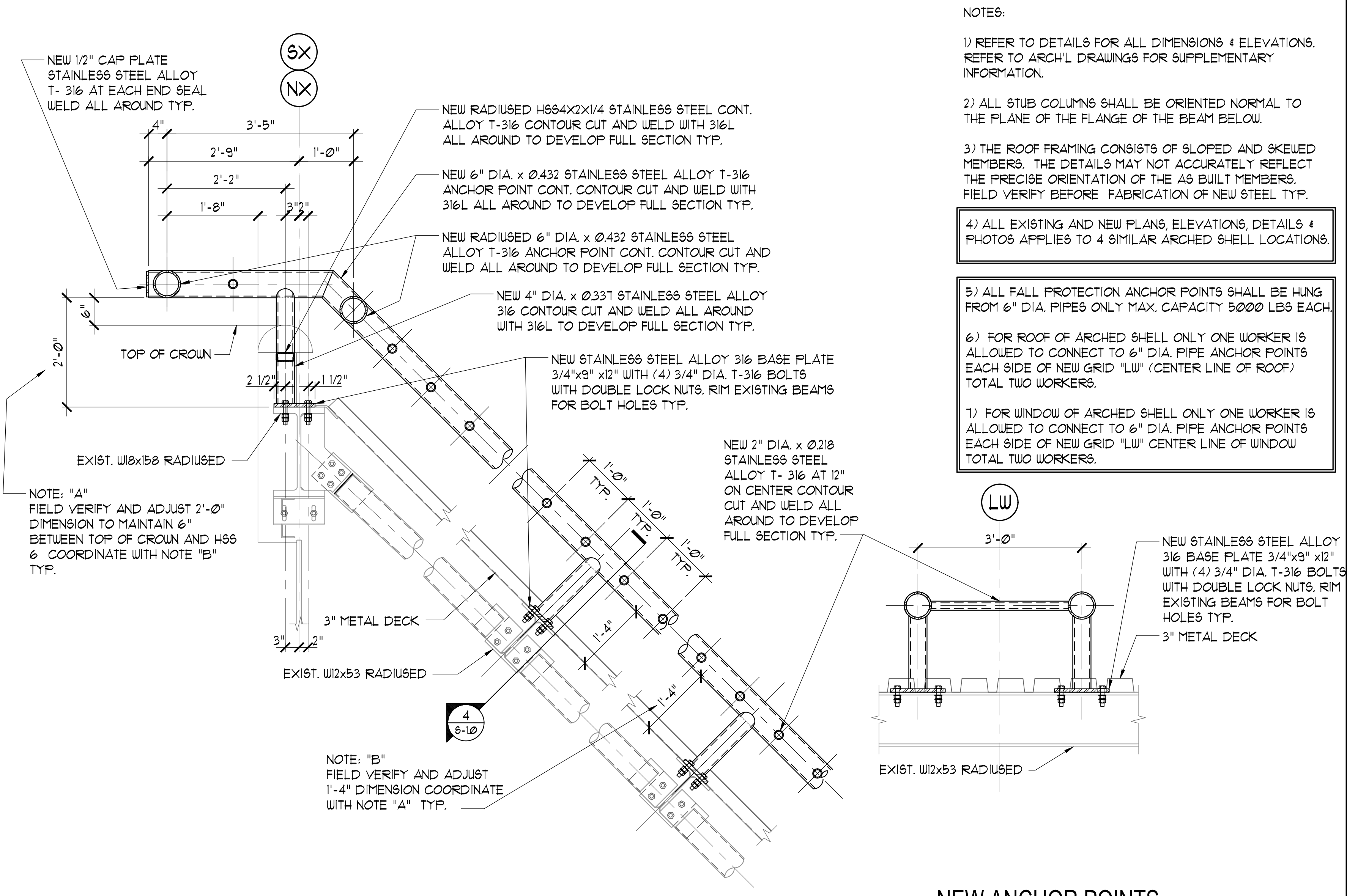
S-0.1



2 EXISTING ENTRY SHELL ROOF FRAMING PLAN WITH NEW ANCHOR POINTS FRAMING
 scale: 1/8"=1'-0"

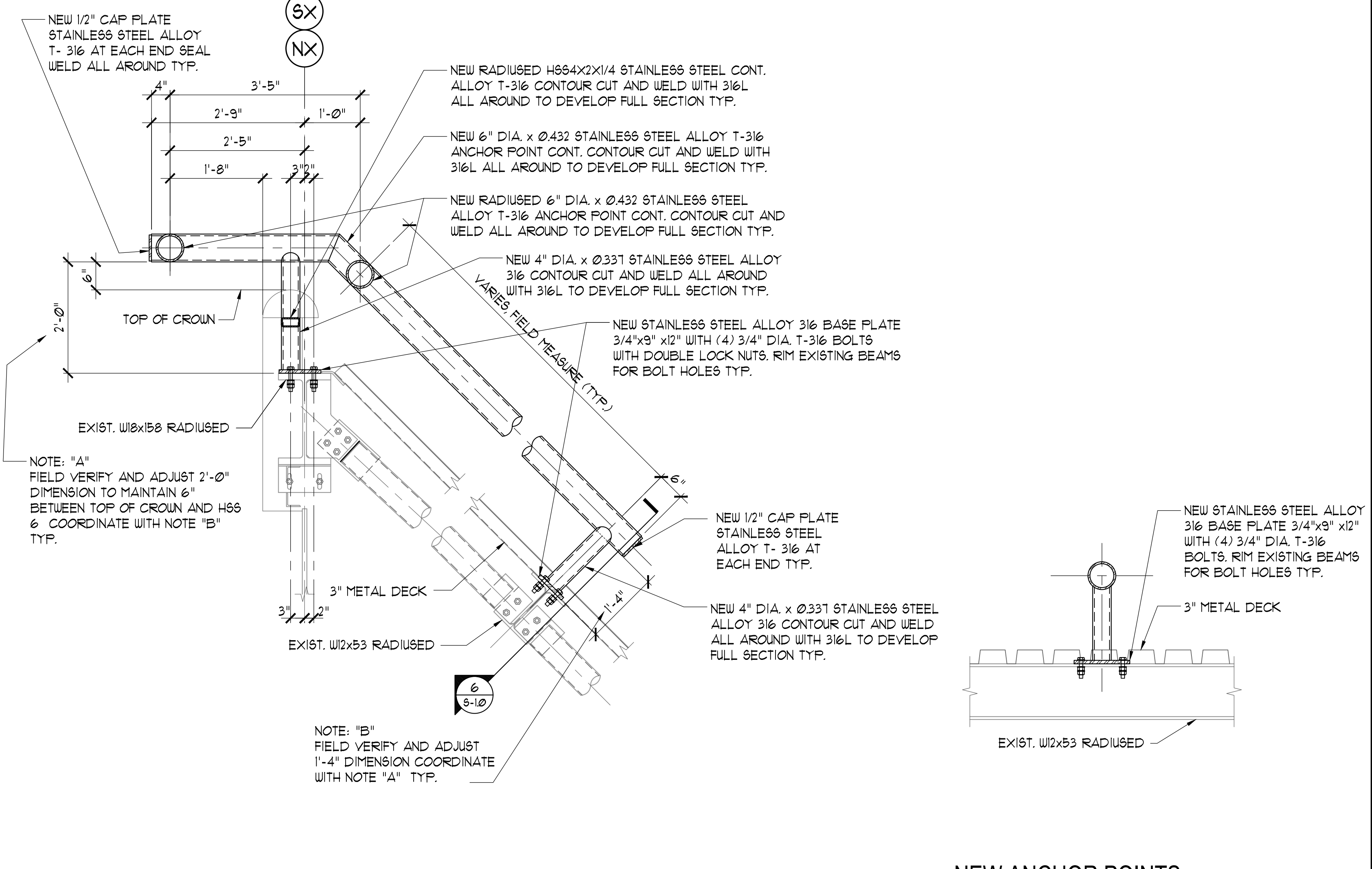


1 EXISTING ENTRY SHELL FRONT ELEVATION WITH NEW ANCHOR POINTS FRAMING
 scale: 1/8"=1'-0"



3 NEW ANCHOR POINTS FOR FALL PROTECTION
 scale: 3/4"=1'-0"
 NOTE: SEE EXISTING DRAWINGS FOR INFO.

4 NEW ANCHOR POINTS FOR FALL PROTECTION
 scale: 3/4"=1'-0"



5 NEW ANCHOR POINTS FOR FALL PROTECTION
 scale: 3/4"=1'-0"
 NOTE: SEE EXISTING DRAWINGS FOR INFO.

6 NEW ANCHOR POINTS FOR FALL PROTECTION
 scale: 3/4"=1'-0"

- NOTES:**
- 1) REFER TO DETAILS FOR ALL DIMENSIONS & ELEVATIONS. REFER TO ARCH'L DRAWINGS FOR SUPPLEMENTARY INFORMATION.
 - 2) ALL STUB COLUMNS SHALL BE ORIENTED NORMAL TO THE PLANE OF THE BEAM BELOW.
 - 3) THE ROOF FRAMING CONSISTS OF SLOPED AND SKEWED MEMBERS. THE DETAILS MAY NOT ACCURATELY REFLECT THE PRECISE ORIENTATION OF THE AS BUILT MEMBERS. FIELD VERIFY BEFORE FABRICATION OF NEW STEEL TYP.
 - 4) ALL EXISTING AND NEW PLANS, ELEVATIONS, DETAILS & PHOTOS APPLIES TO 4 SIMILAR ARCHED SHELL LOCATIONS.
 - 5) ALL FALL PROTECTION ANCHOR POINTS SHALL BE HUNG FROM 6" DIA. PIPES ONLY MAX. CAPACITY 5000 LBS EACH.
 - 6) FOR ROOF OF ARCHED SHELL ONLY ONE WORKER IS ALLOWED TO CONNECT TO 6" DIA. PIPE ANCHOR POINTS EACH SIDE OF NEW GRID "LU" (CENTER LINE OF ROOF) TOTAL TWO WORKERS.
 - 7) FOR WINDOW OF ARCHED SHELL ONLY ONE WORKER IS ALLOWED TO CONNECT TO 6" DIA. PIPE ANCHOR POINTS EACH SIDE OF NEW GRID "LU" CENTER LINE OF WINDOW TOTAL TWO WORKERS.

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date	submittal/revision	no.

**SHELL PLAN, ELEV.
 AND DETAILS**

scale: AS NOTED
 drawn: J.H.
 check: J.H.
 date: May 26, 2016
 project no: 12002-0024

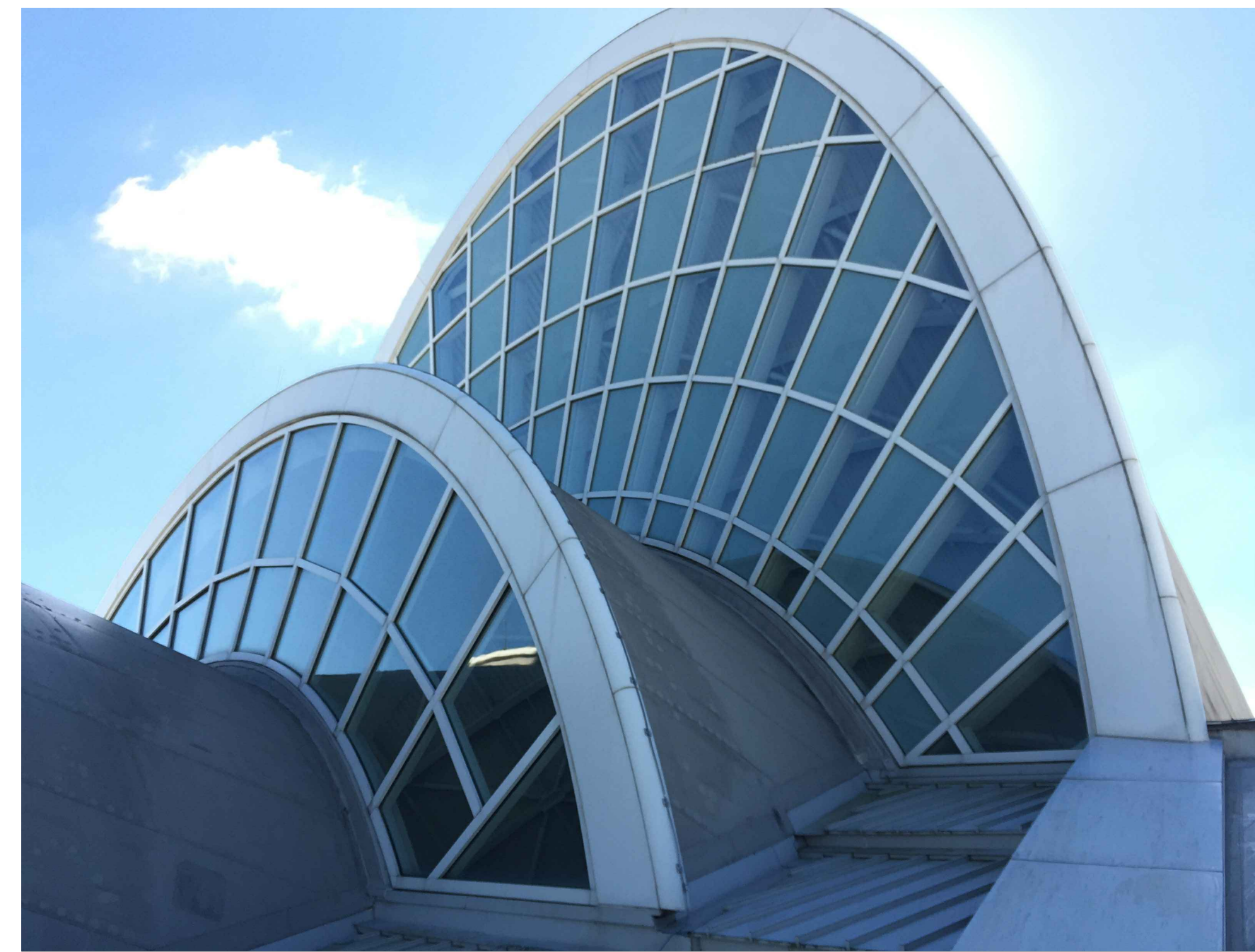
S-1.0

PLAN NOTES:

- 1 THE EXISTING PHOTOS ARE PROVIDED FOR REFERENCE ONLY
- 2 REMOVE THE EXISTING ROOF FALL PROTECTION SEE PHOTO 9/6-11



1 FRONT ELEVATION
S-1.1 scale: N/A



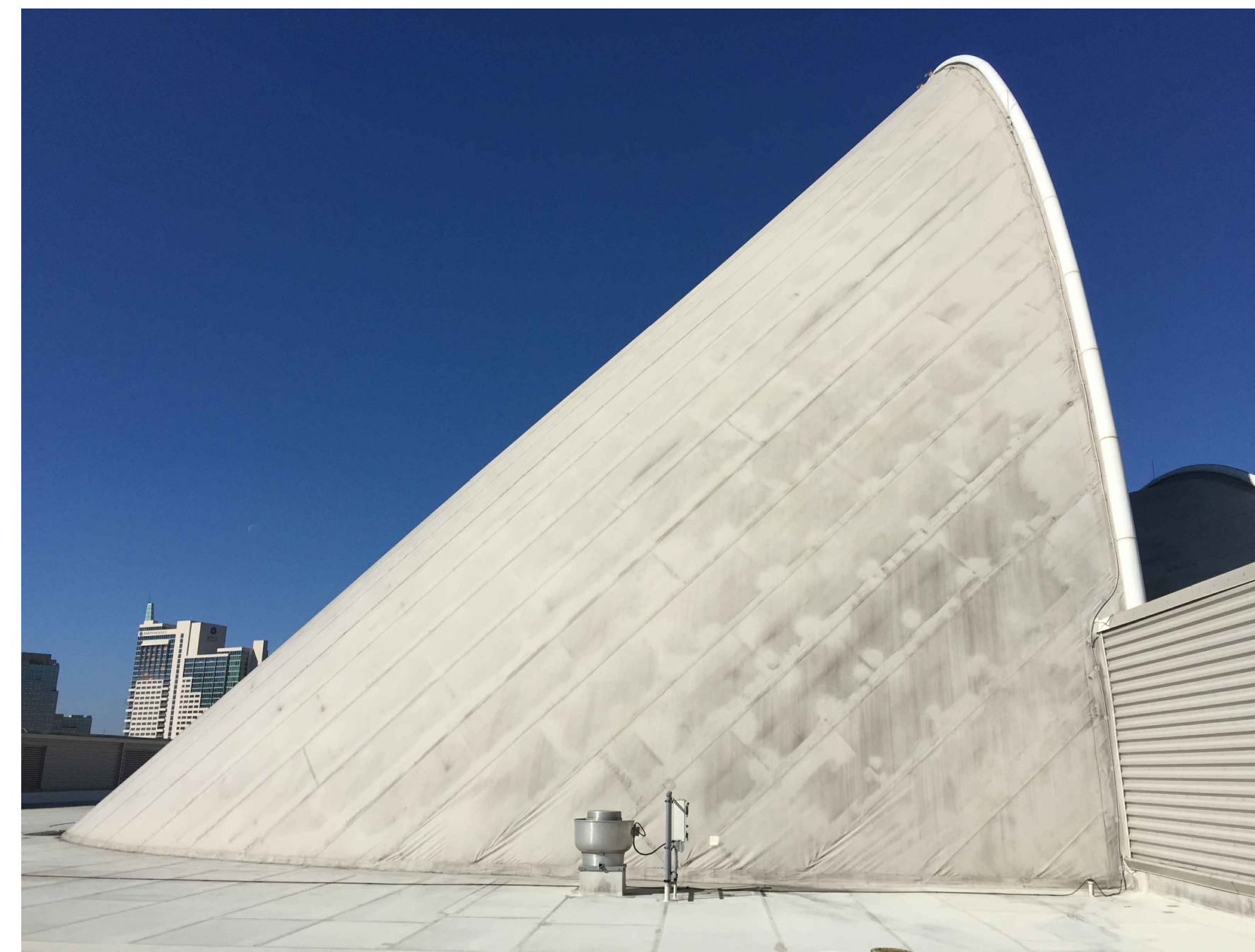
2 FRONT ELEVATION
S-1.1 scale: N/A



3 LEFT ELEVATION
S-1.1 scale: N/A



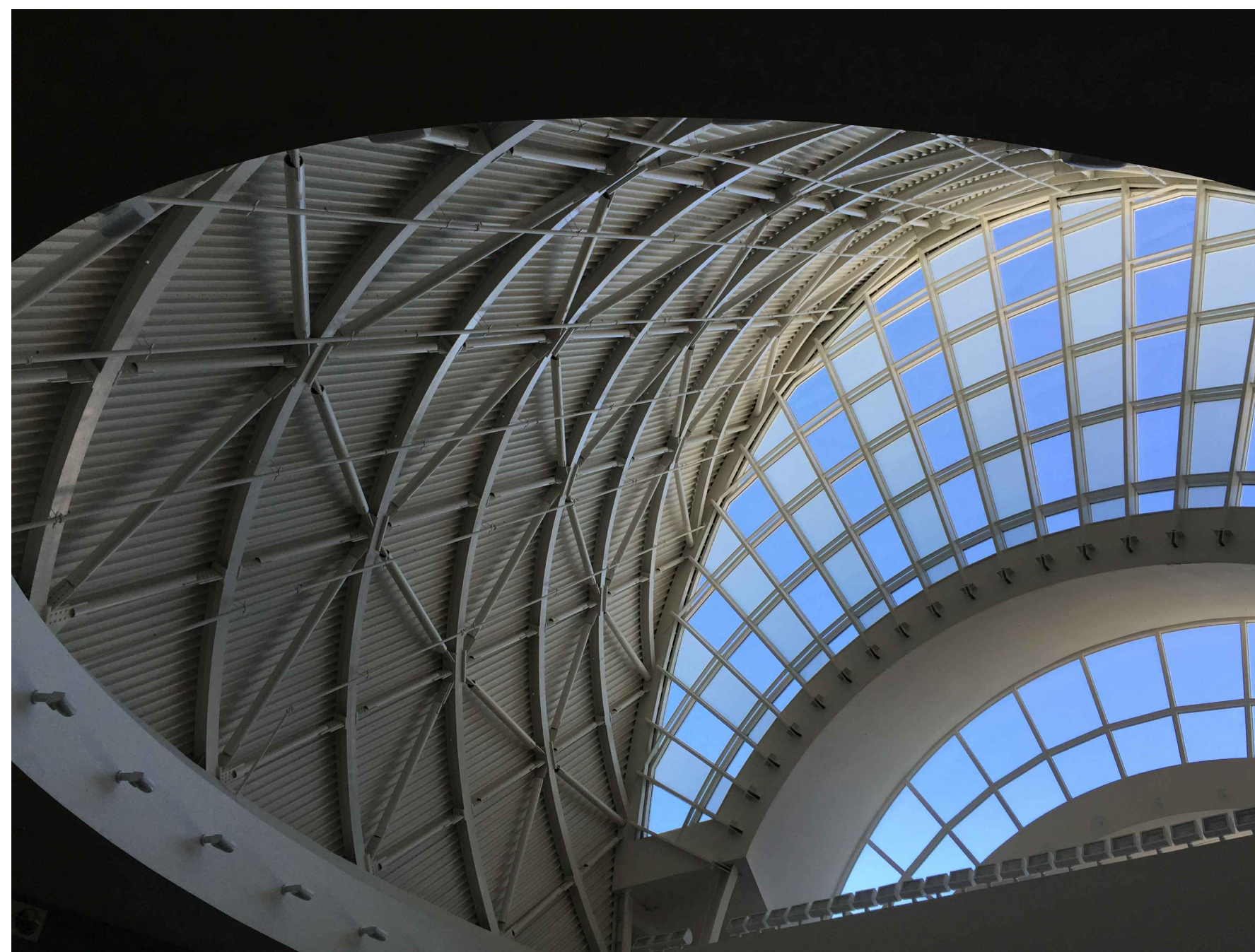
4 BACK ELEVATION
S-1.1 scale: N/A



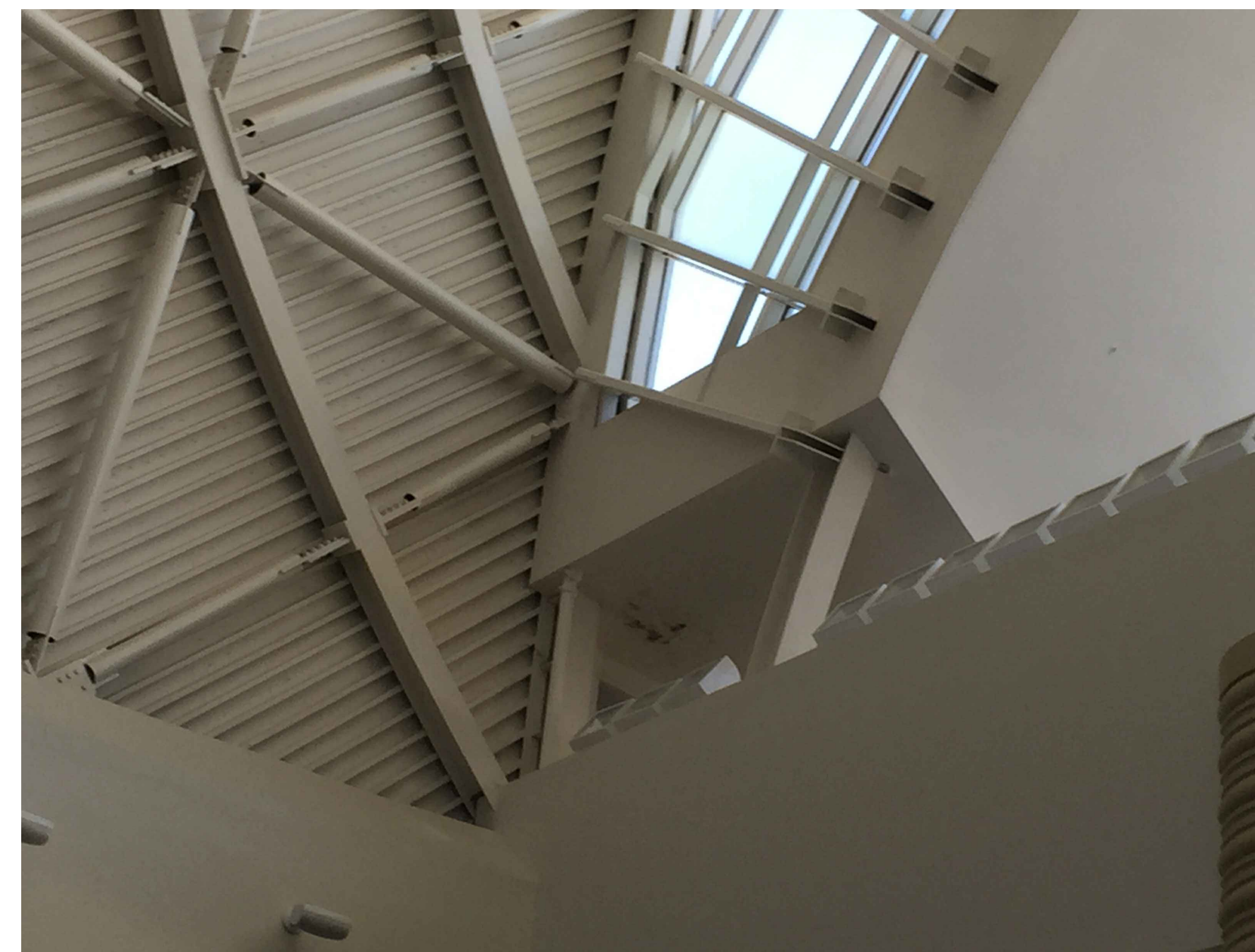
5 RIGHT ELEVATION
S-1.1 scale: N/A



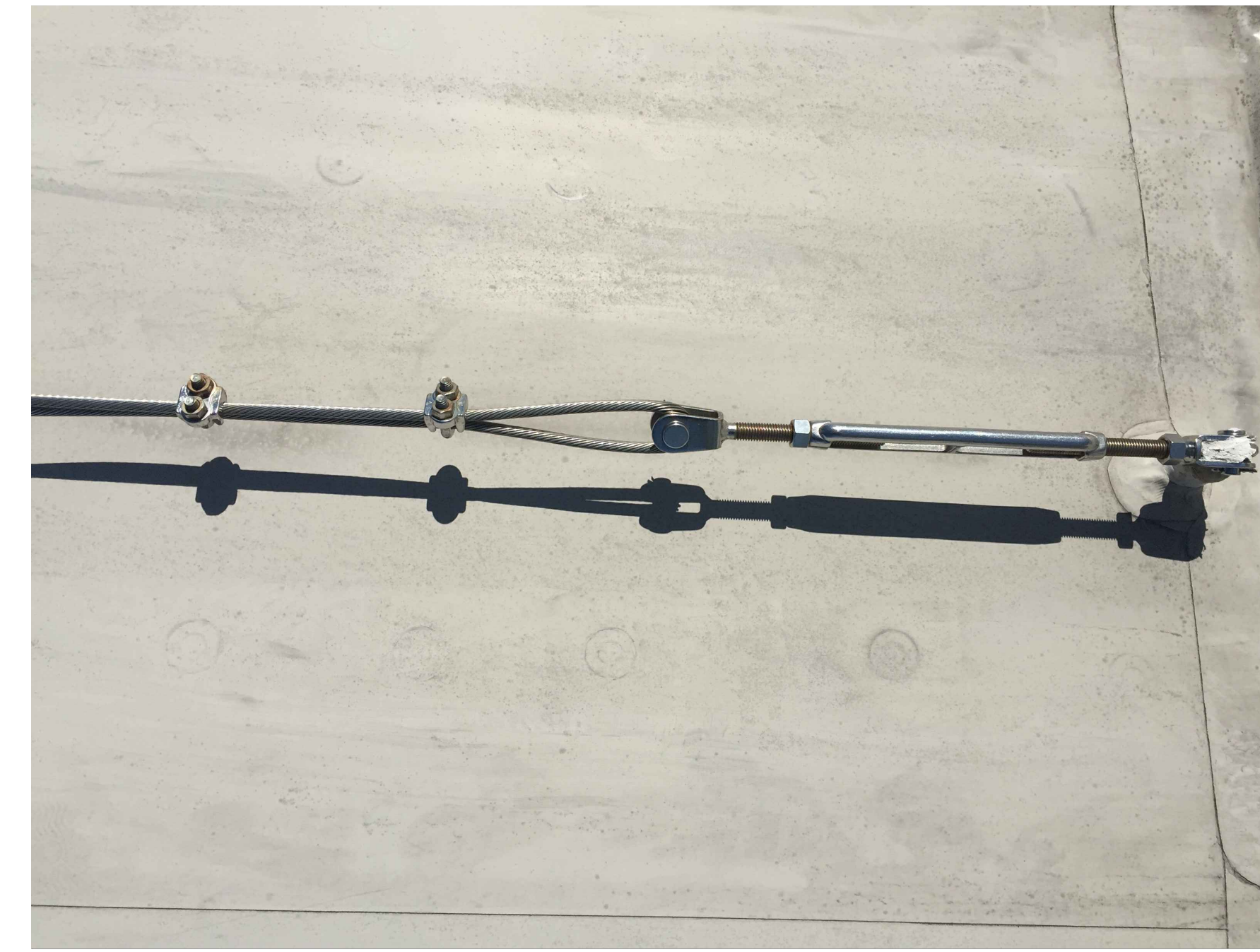
6 INSIDE VIEW 1
S-1.1 scale: N/A



7 INSIDE VIEW 2
S-1.1 scale: N/A



8 INSIDE VIEW 3
S-1.1 scale: N/A



9 REMOVE EXIST. ROOF FALL PROTECTION IN ITS ENTIRETY
S-1.1 scale: N/A

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AA 0002809
www.rhodesarchitects.com

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1035 S. Semoran Blvd., Suite 1010, Winter Park, FL 32792
Phone: 407-477-5838 • Fax: 407-477-5894
Florida Engineering Business Number: 25813
Jamshid Hakimian, P.E. Florida No: 46613

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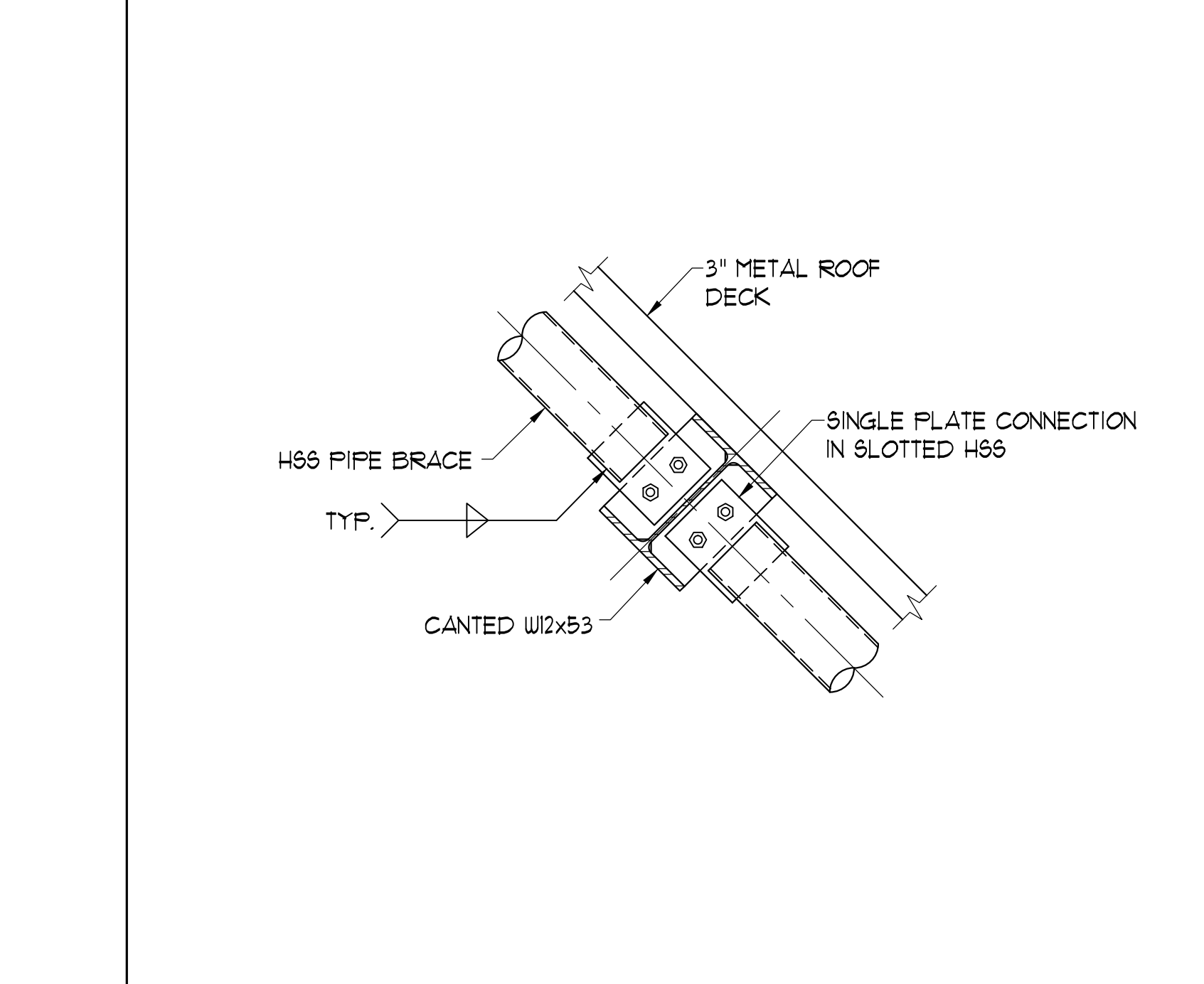
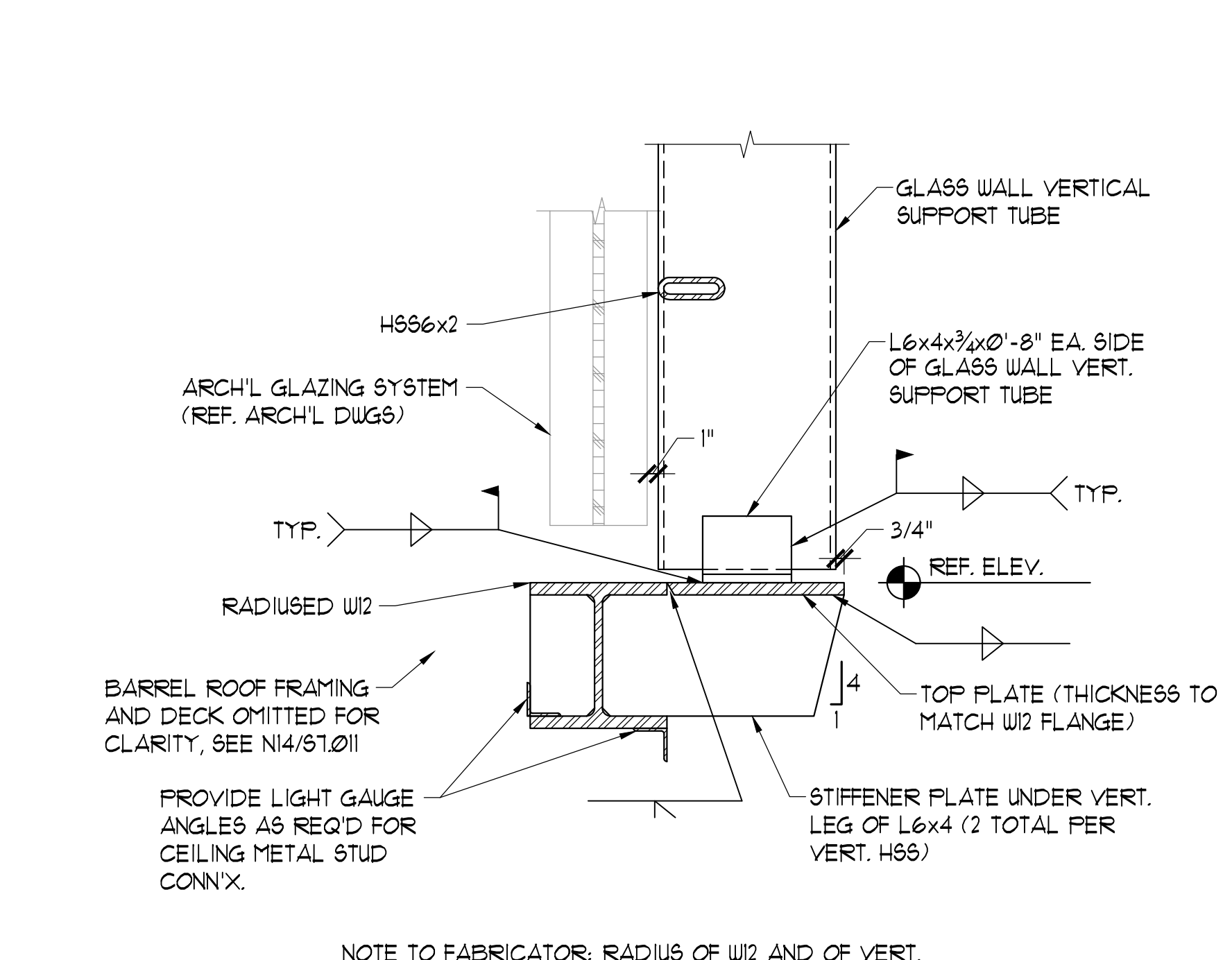
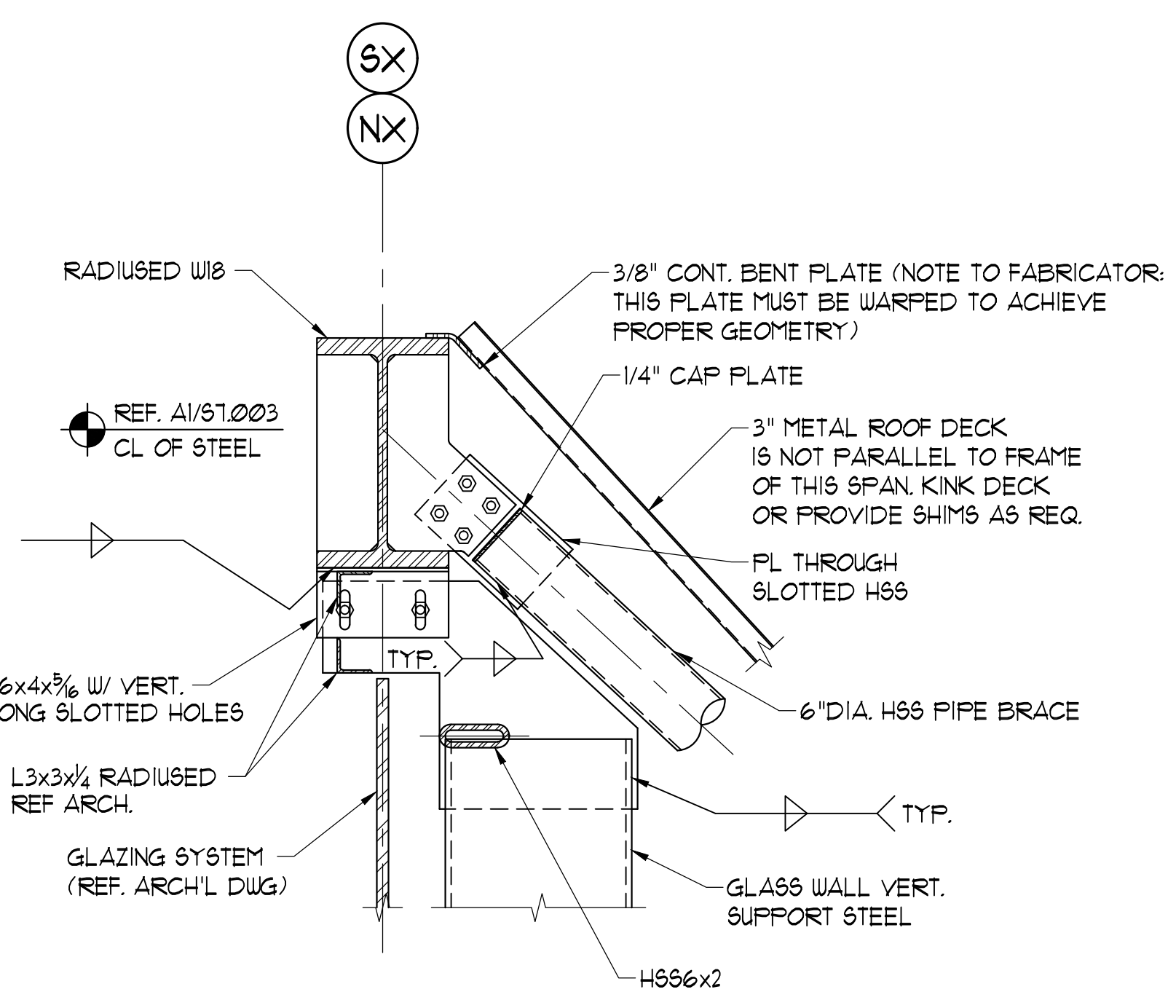
100% CONSTRUCTION DOCUMENTS

date	submittal/revision	no.

EXISTING SHELL
PHOTOS

scale: AS NOTED
drawn: J.H.
check: J.H.
date: May 26, 2016
project no: 12002-0024

S-1.1



PLAN NOTES:
 1 THE EXISTING DETAILS ARE PROVIDED FOR REFERENCE ONLY

E1	SECTION AT FRONT ARCH OF SHELL	E10	SECTION AT BASE OF GLASS WALL (FRONT ARCH OF SHELL)	A5	SECTION AT BACK SPLINE OF SHELL
1'-1'-0"	REFERENCE: THE ORIGINAL DOCUMENT SHEET S7.011	1'-1'-0"	REFERENCE: THE ORIGINAL DOCUMENT SHEET S7.011	1'-1'-0"	REFERENCE: THE ORIGINAL DOCUMENT SHEET S7.011

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date	submittal/revision	no.

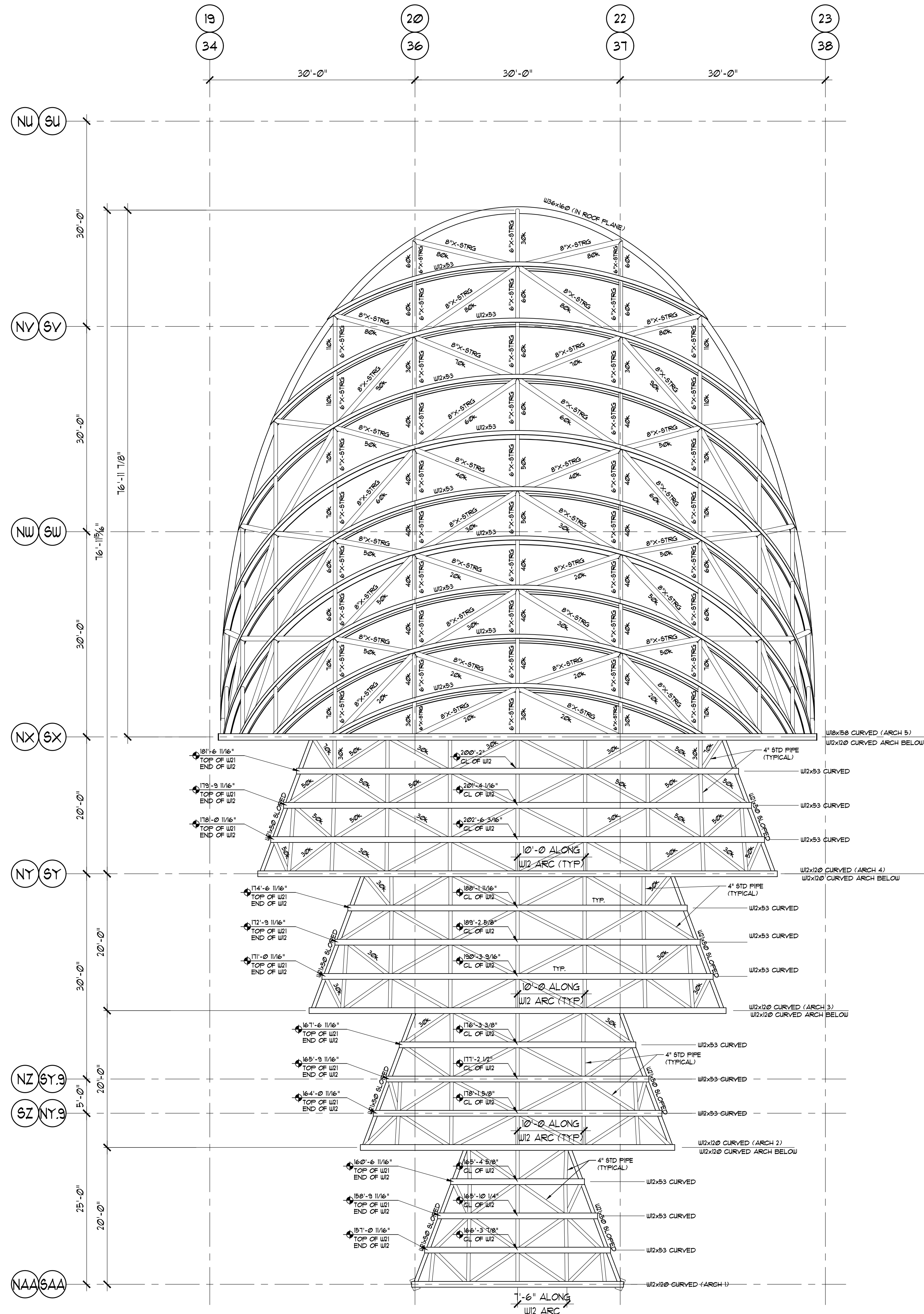
EXISTING SHELL
DETAILS

scale: AS NOTED
 drawn: J.H.
 check: J.H.
 date: May 26, 2016
 project no: 12002-0024

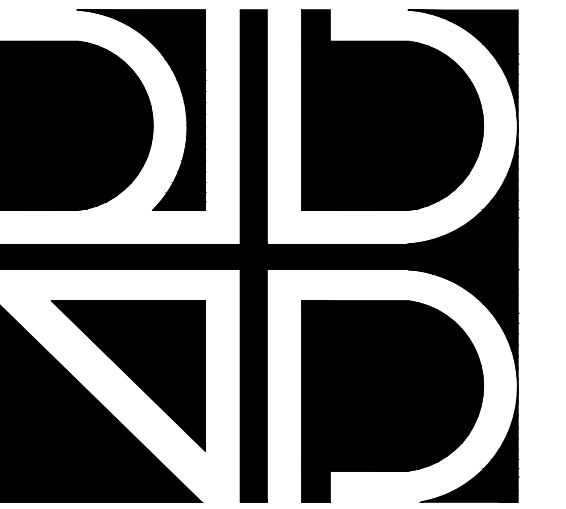
S-1.2

PLAN NOTES:

□ THE EXISTING DETAILS ARE PROVIDED FOR REFERENCE ONLY



A10	ENTRY SHELL ROOF FRAMING
1/8"=1'-0"	REFERENCE THE ORIGINAL DOCUMENT SHEET S7.002



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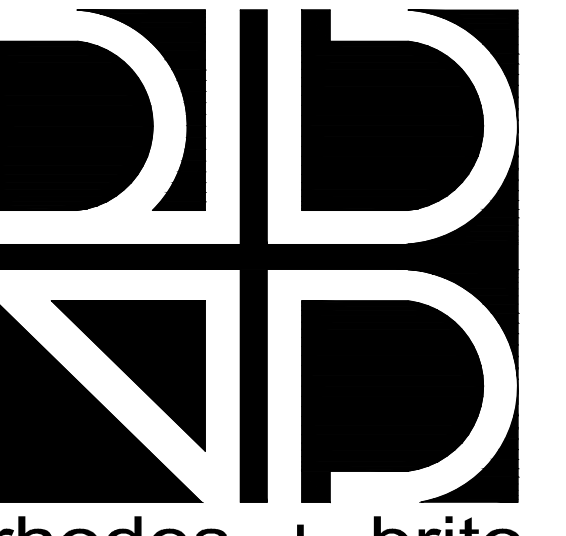
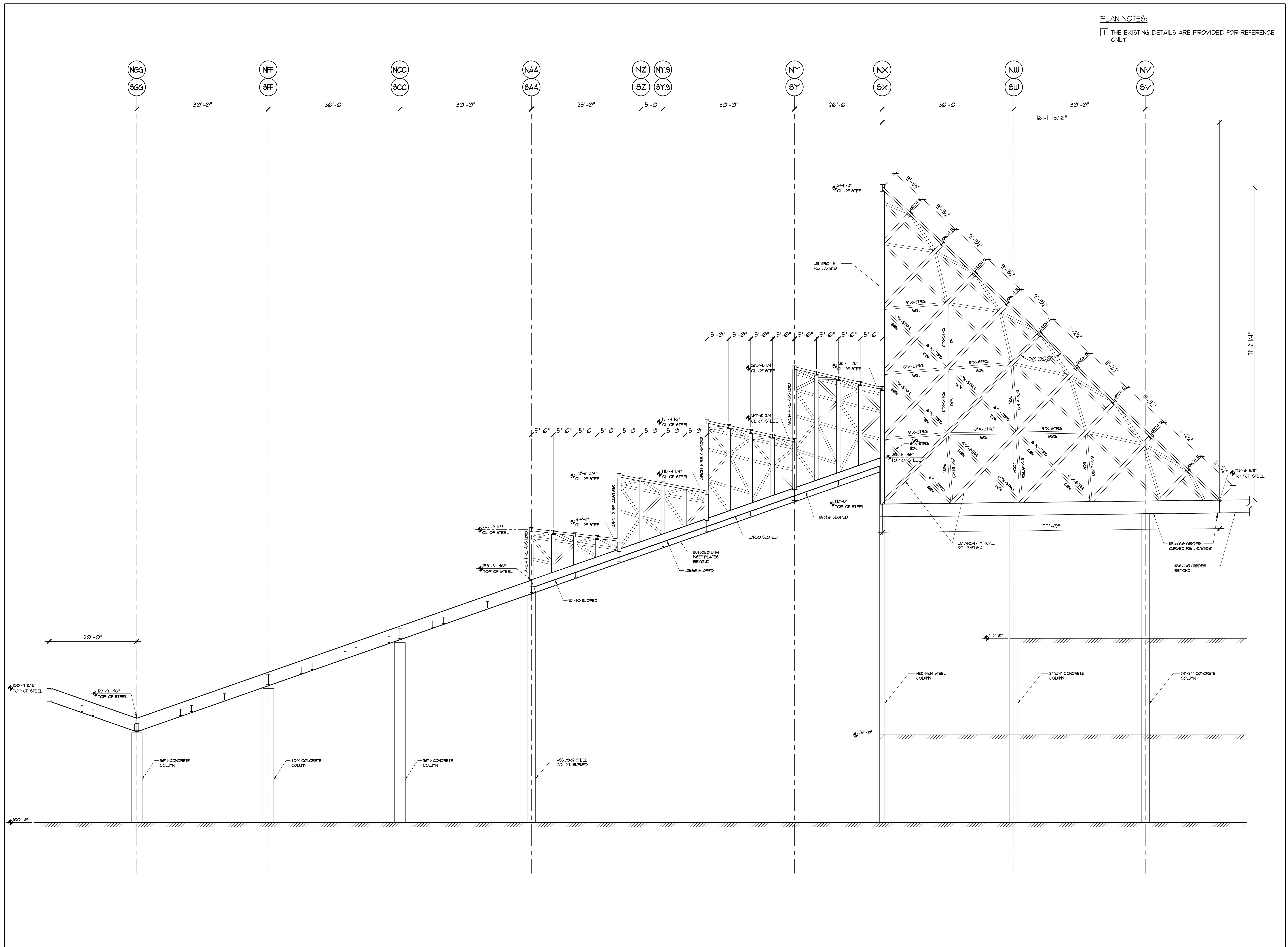
EXISTING SHELL
ROOF FRAMING

scale:	AS NOTED
drawn:	J.H.
check:	J.H.
date:	May 26, 2016
project no:	12002-0024

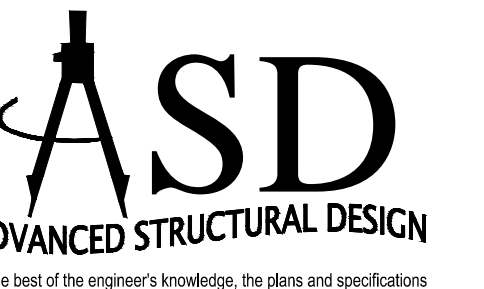
S-1.3

PLAN NOTES:

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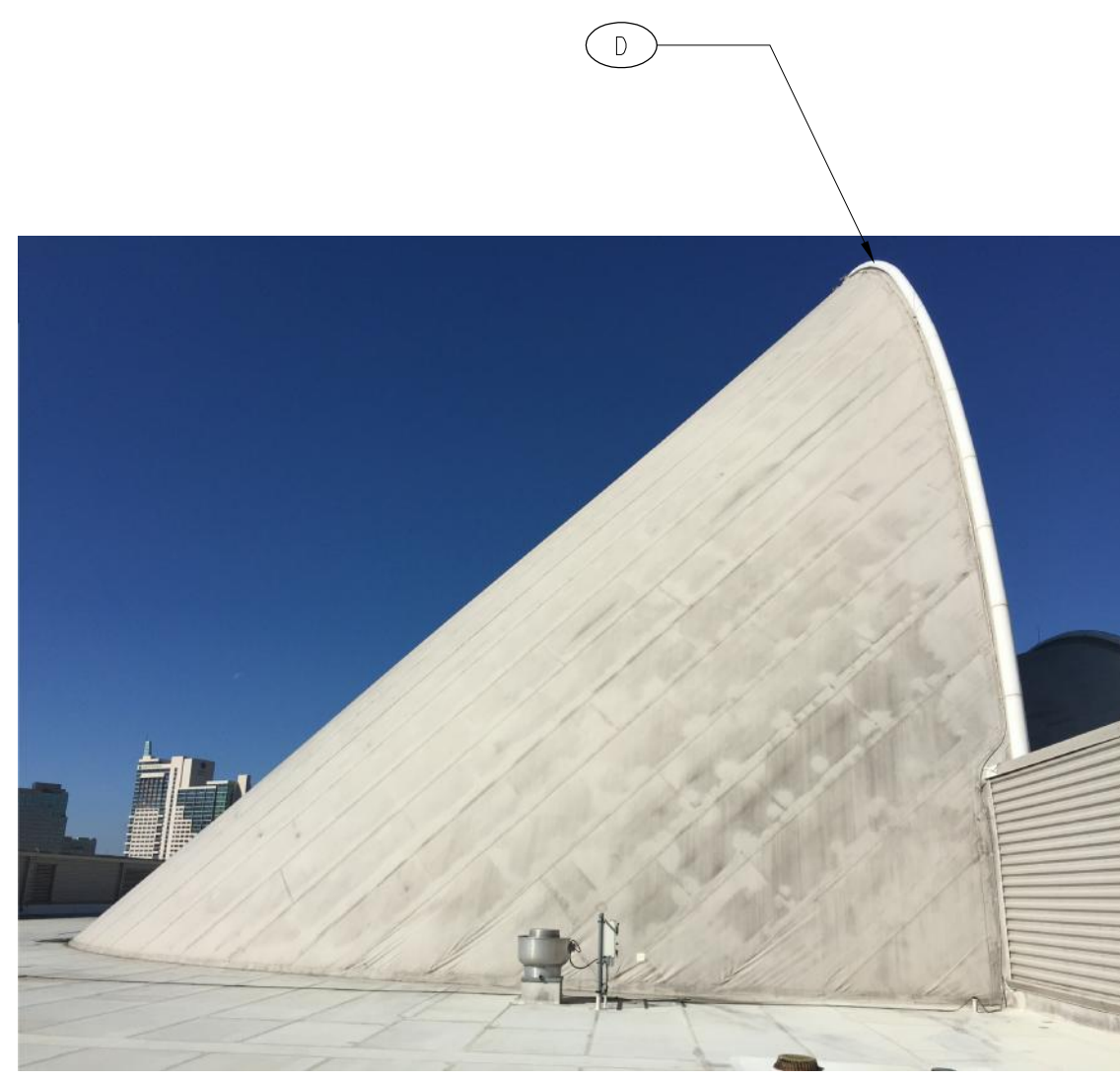
date	submittal/revision	no.

**EXISTING SHELL
SECTION**

scale: AS NOTED
drawn: J.H.
check: J.H.
date: May 26, 2016
project no: 12002-0024

S-1.4

A1 TYPICAL SHELL FRAME SECTION
1/8"=1'-0" REFERENCE THE ORIGINAL DOCUMENT SHEET S7.003



G1
AD400

Demo Image - Typical

scale: NTS



G3
AD400

Demo Image - Typical

scale: NTS



E1
AD400

Demo Image - Typical

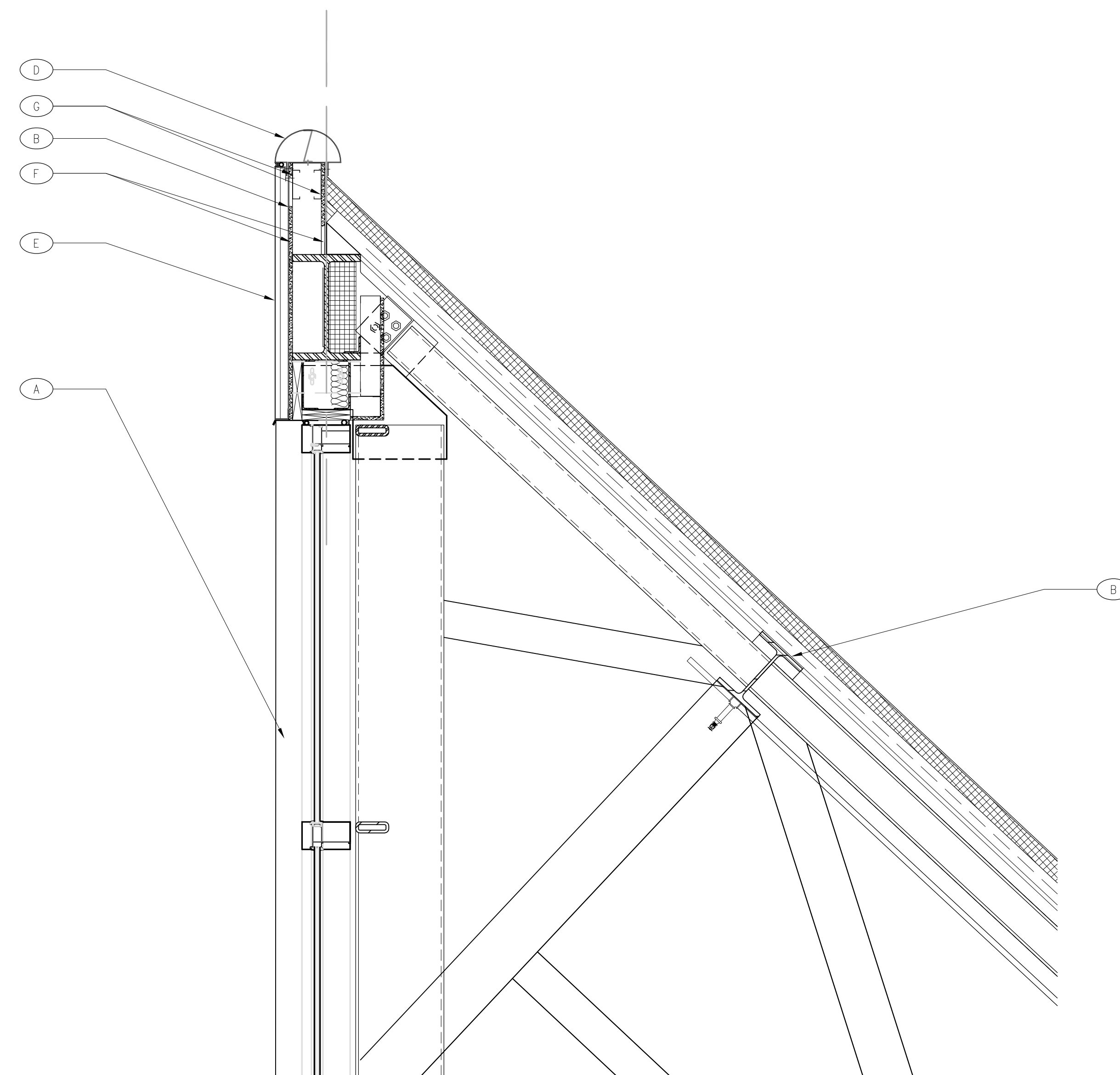
scale: NTS



E3
AD400

Demo Image - Typical

scale: NTS



E7
AD400

Demo - Typical

scale: 3/4" = 1'-0"

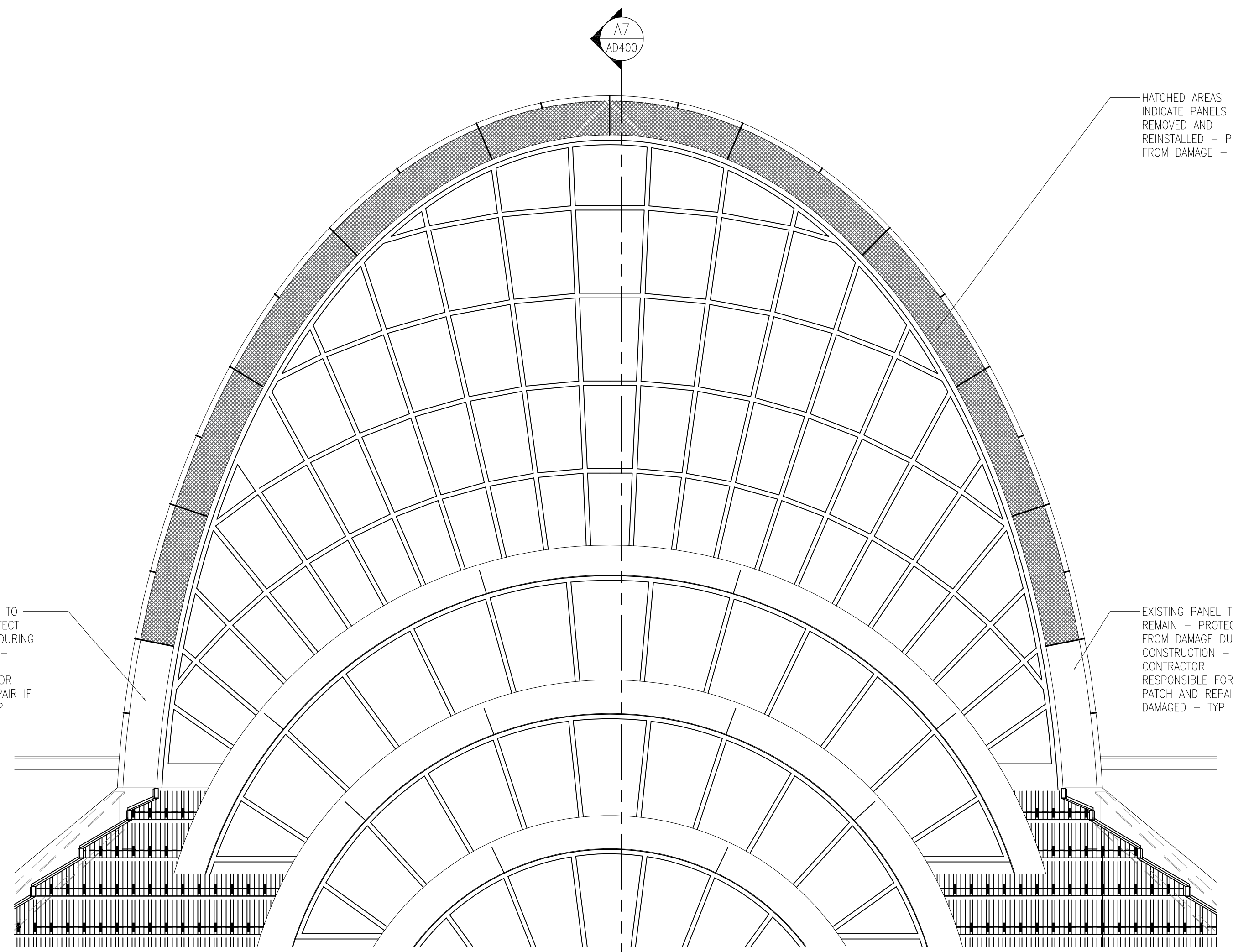
GENERAL DEMOLITION NOTES

- A. DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING AS-BUILD DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS AND DIMENSIONS.
- B. THE CONTRACTOR WILL BE PRESUMED TO HAVE INSPECTED THE SITE AND TO HAVE READ AND BE THOROUGHLY FAMILIAR WITH THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS. THE FAILURE OR OMISSION OF ANY CONTRACTOR TO EXAMINE ANY FORM, INSTRUMENT OR DOCUMENT SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION IN RESPECT TO THIS PROJECT.
- C. THIS SHEET INDICATES GENERALLY WHERE DEMOLITION OF EXISTING CONSTRUCTION IS TO OCCUR. THE DEMOLITION SHOWN ON THIS SHEET IS NOT INTENDED TO LIMIT OR FULLY DEFINE THE SCOPE OF ITEMS TO BE REMOVED, NOR IS IT INTENDED TO REPRESENT ALL EXISTING FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING THE AREA OF DEMOLITION IN ORDER TO BECOME FAMILIAR WITH EXISTING CONSTRUCTION WHERE DEMOLITION IS TO OCCUR. THE CONTRACTOR IS TO NOTIFY THE OWNER IN WRITING OF ANY CONFLICTING CONDITIONS AND DISCREPANCIES PRIOR TO START OF DEMOLITION.
- D. DEMOLITION DRAWINGS MAY NOT INDICATE ALL ITEMS TO BE REMOVED OR TO REMAIN. COORDINATE DEMOLITION OF EQUIPMENT, UTILITIES, ETC., AND ITEMS TO REMAIN WITH OTHER DISCIPLINES.
- E. CONTRACTOR SHALL VERIFY ALL UTILITIES (SHOWN OR NOT SHOWN ON CONSTRUCTION DOCUMENTS) THAT ARE TO REMAIN PRIOR TO DEMOLITION. PERMANENT PROCEDURES ARE TO BE MADE TO REROUTE OR BYPASS UTILITIES TO AVOID DISRUPTION OR SEVERING OF UTILITIES. CONTRACTOR SHALL NOT REQUEST ADDITIONAL CHARGES FOR SUCH UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION).
- F. PRIOR TO START OF DEMOLITION THE CONTRACTOR SHALL SURVEY THE AREA OF DEMOLITION IN THE PRESENCE OF THE OWNER REPRESENTATIVE(S) TO IDENTIFY EXISTING ITEMS TO REMAIN, TO BE SALVAGED, TO BE REMOVED AND REINSTALLED DURING CONSTRUCTION, DAMAGED OR OTHERWISE NOT IN "LIKE NEW" CONDITION. THOSE ITEMS AND THEIR CONDITION ARE TO BE LISTED IN A "DAMAGE SURVEY" ACCEPTED BY BOTH OWNER AND CONTRACTOR. ANY ITEMS IDENTIFIED AS EXISTING TO REMAIN, TO BE SALVAGED, TO BE REMOVED AND REINSTALLED DURING CONSTRUCTION, THAT IS DAMAGED OR BLEMISHED AND NOT SPECIFICALLY ACKNOWLEDGED ON THE "DAMAGE SURVEY" SHALL BE ASSUMED TO BE DAMAGED DURING CONSTRUCTION AND SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR, OR REPLACE AT NO ADDITIONAL COST TO THE OWNER.
- G. CONTRACTOR IS TO PROVIDE ALL PERMITS AND COMPLY WITH ALL APPLICABLE ORDINANCES, REGULATIONS AND CODES IN THE REMOVAL AND DISPOSAL OF MATERIAL. DISPOSAL OF ALL RUBBISH AND DEBRIS IS TO BE IN AN ENVIRONMENTALLY SAFE MANNER IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES AND JURISDICTIONS.
- H. THESE DOCUMENTS (DEMOLITION AND NEW CONSTRUCTION) REFER TO (4) TYPICAL SHELL LOCATIONS AT THE OCCC NORTH/SOUTH BUILDING

DEMOLITION KEYNOTES

(NOT ALL NOTES APPLY TO SHEET)

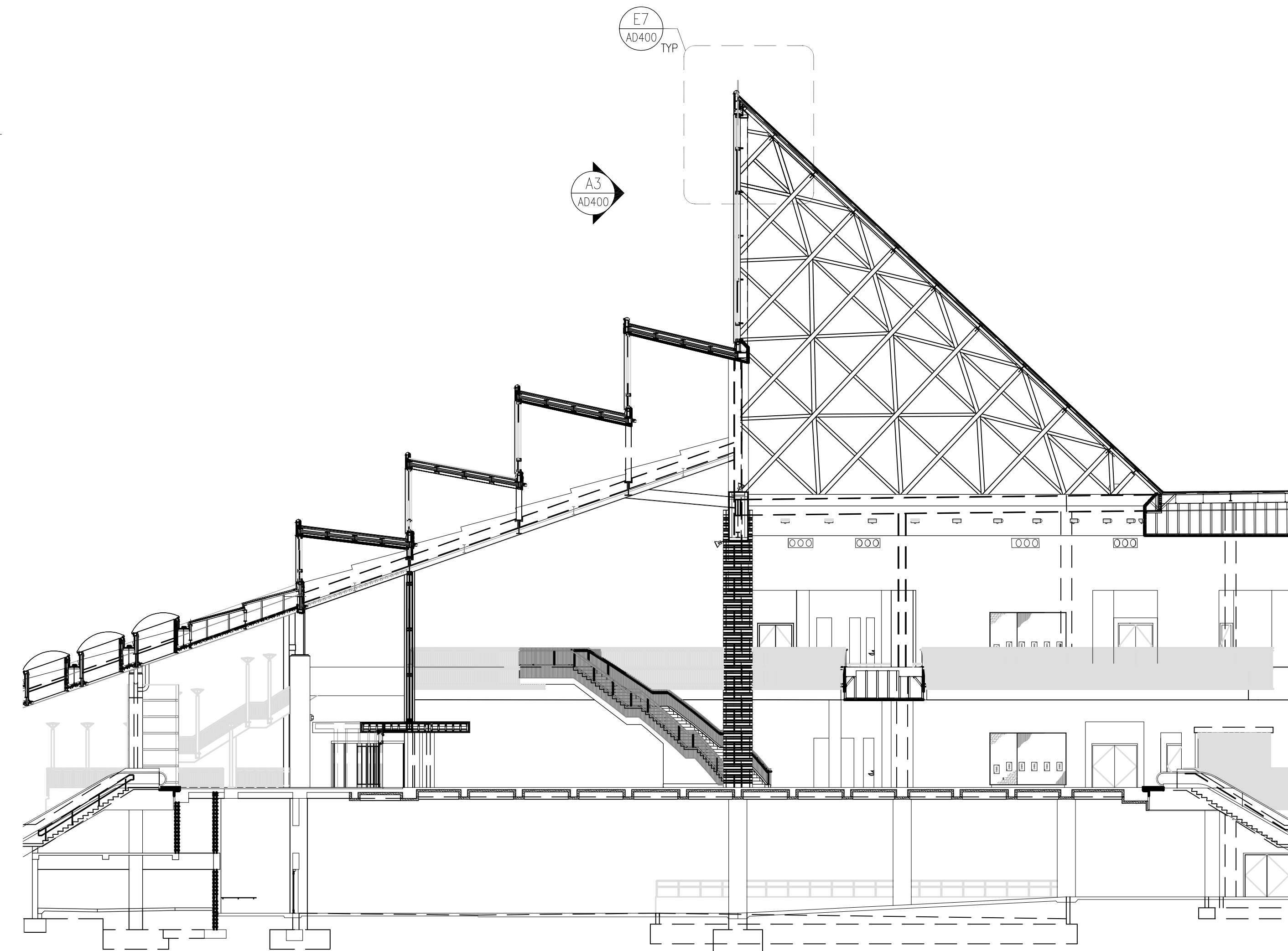
- NO. (A) KEYNOTE LETTER/NUMBER
- A. EXISTING WINDOWS (GLAZING AND FRAMING) TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION. CLEAN WINDOWS AS REQUIRED PRIOR TO CONSTRUCTION - TYP
 - B. PREPARE EXISTING SURFACES TO RECEIVE NEW CONSTRUCTION - TYP
 - C. EXISTING FALL ARREST CABLE SYSTEM TO BE REMOVED IN ITS ENTIRETY - PATCH REPAIR EXISTING SURFACES/ATTACHMENTS TO ROOFING AS REQUIRED - TYP
 - D. REMOVE ALUMINUM COMPOSITE CAPPING AND ALL ASSOCIATED HARDWARE AS REQUIRED TO RECEIVE NEW CONSTRUCTION - TYP
 - E. REMOVE COMPOSITE PANELS DURING CONSTRUCTION - STORE AND PROTECT FROM DAMAGE DURING CONSTRUCTION - REINSTALL AND CLEAN AT COMPLETION OF PROJECT - SEE DETAIL A3/AD400 INDICATING PANELS TO BE REMOVED AND REINSTALLED - TYP
 - F. REMOVE EXTERIOR SHEATHING AS REQUIRED TO RECEIVE NEW CONSTRUCTION - TYP
 - G. REMOVE FRAMING AS REQUIRED - TYP



A3
AD400

Elevation - Typical

scale: 1/8" = 1'-0"



A7
AD400

Section - Typical

scale: 1/16" = 1'-0"

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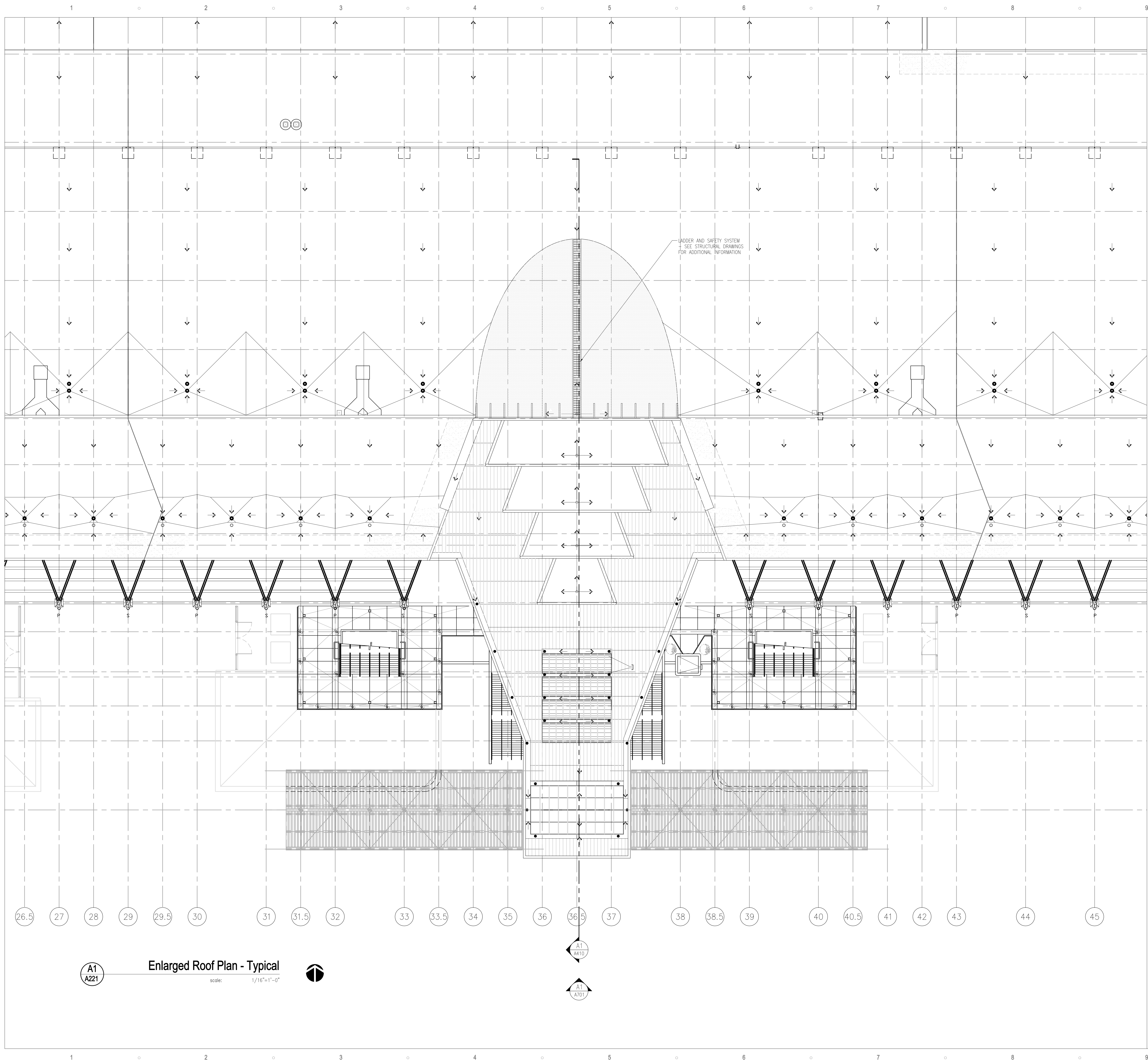
CONSTRUCTION DOCUMENTS

date	submittal/revision	no.

Demolition

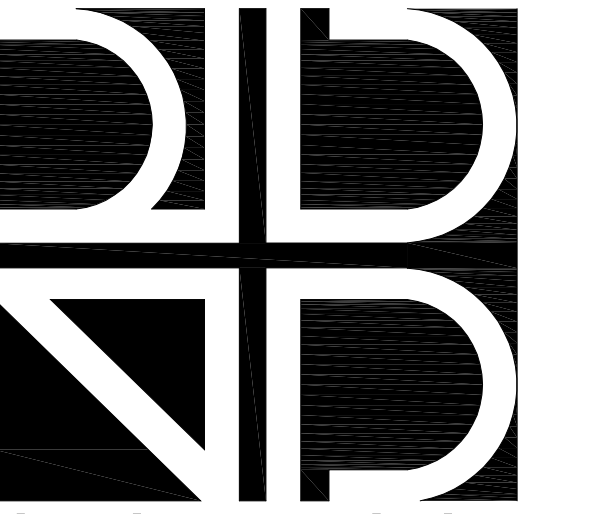
scale: as shown
drawn: LF
check: MB
date: May 26, 2016
project no: 12002_0024

AD400



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4. CONTRACTOR IS TO MAINTAIN EXISTING FIRE, SMOKE RATINGS AT ALL TIMES. CONTRACTOR IS TO PATCH, REPAIR FIRE PROOFING DAMAGED DURING CONSTRUCTION.
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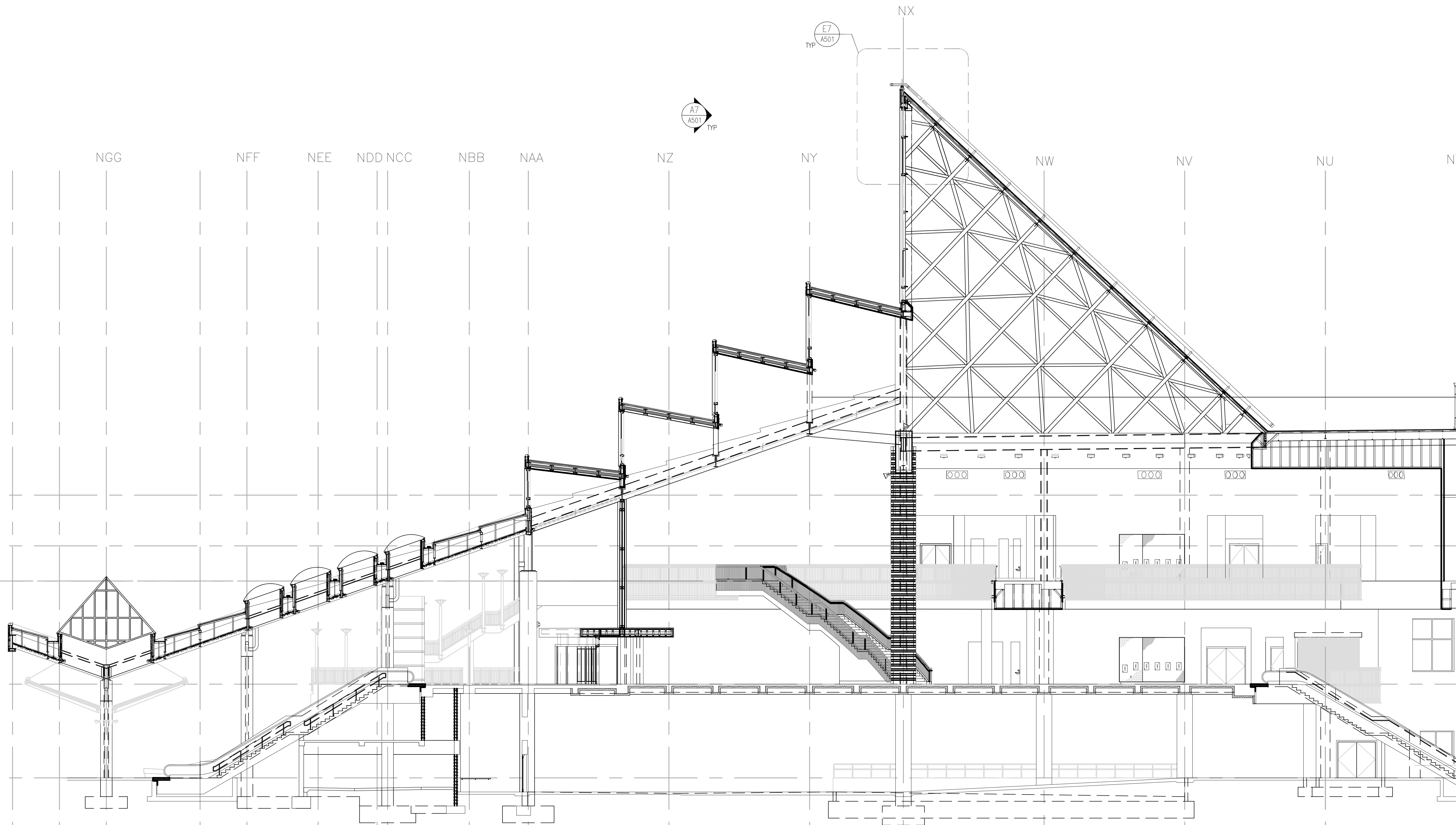
CONSTRUCTION DOCUMENTS

date	submittal/revision	no.

**Enlarged Roof Plan -
Typical**

scale: as shown
drawn: LF
check: MB
date: May 26, 2016
project no: 12002_0024

A221



GENERAL PLAN NOTES

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A1
A410
Section - Typical
scale: 3/32"=1'-0"



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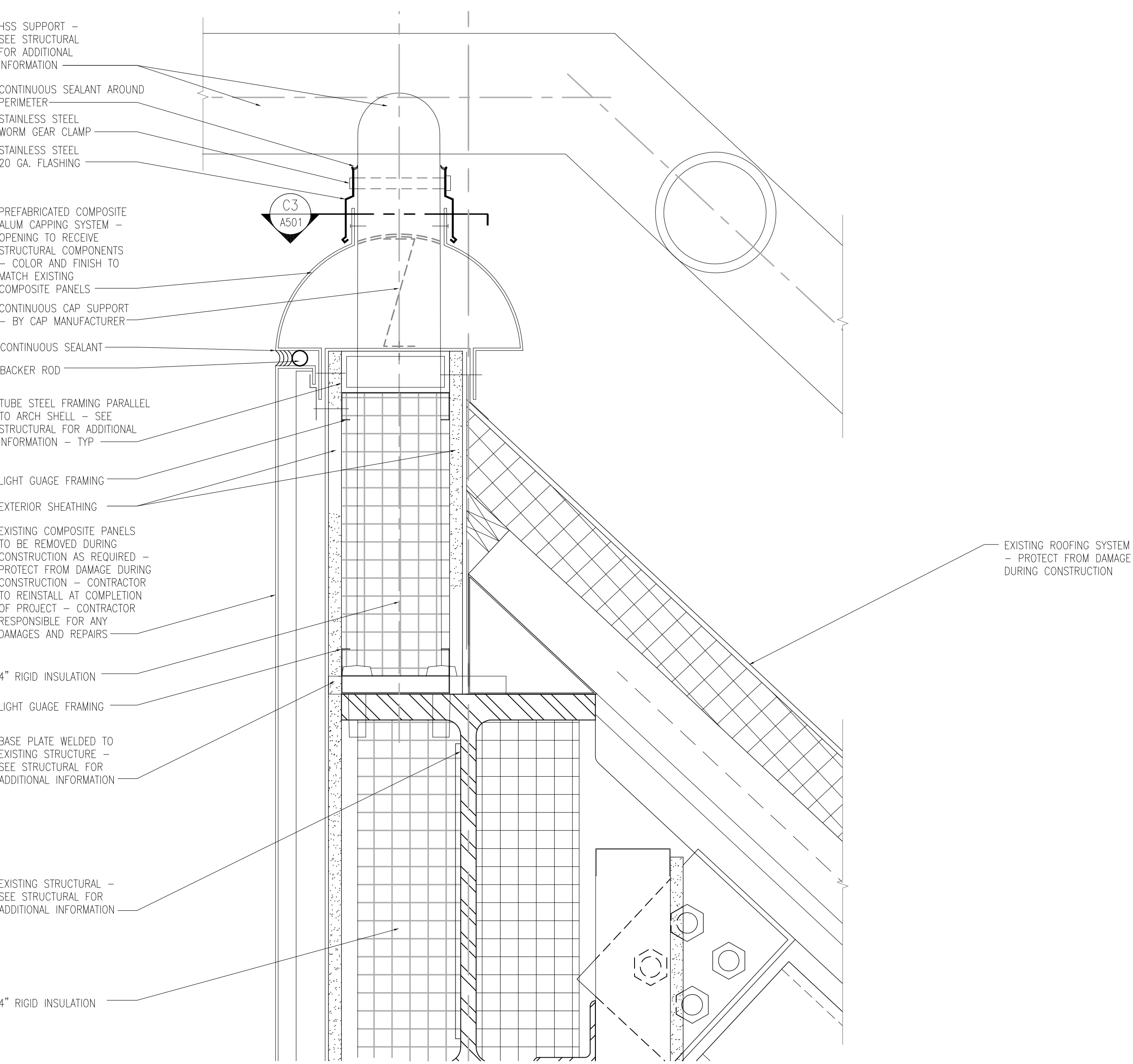
CONSTRUCTION DOCUMENTS

date	submittal/revision	no.

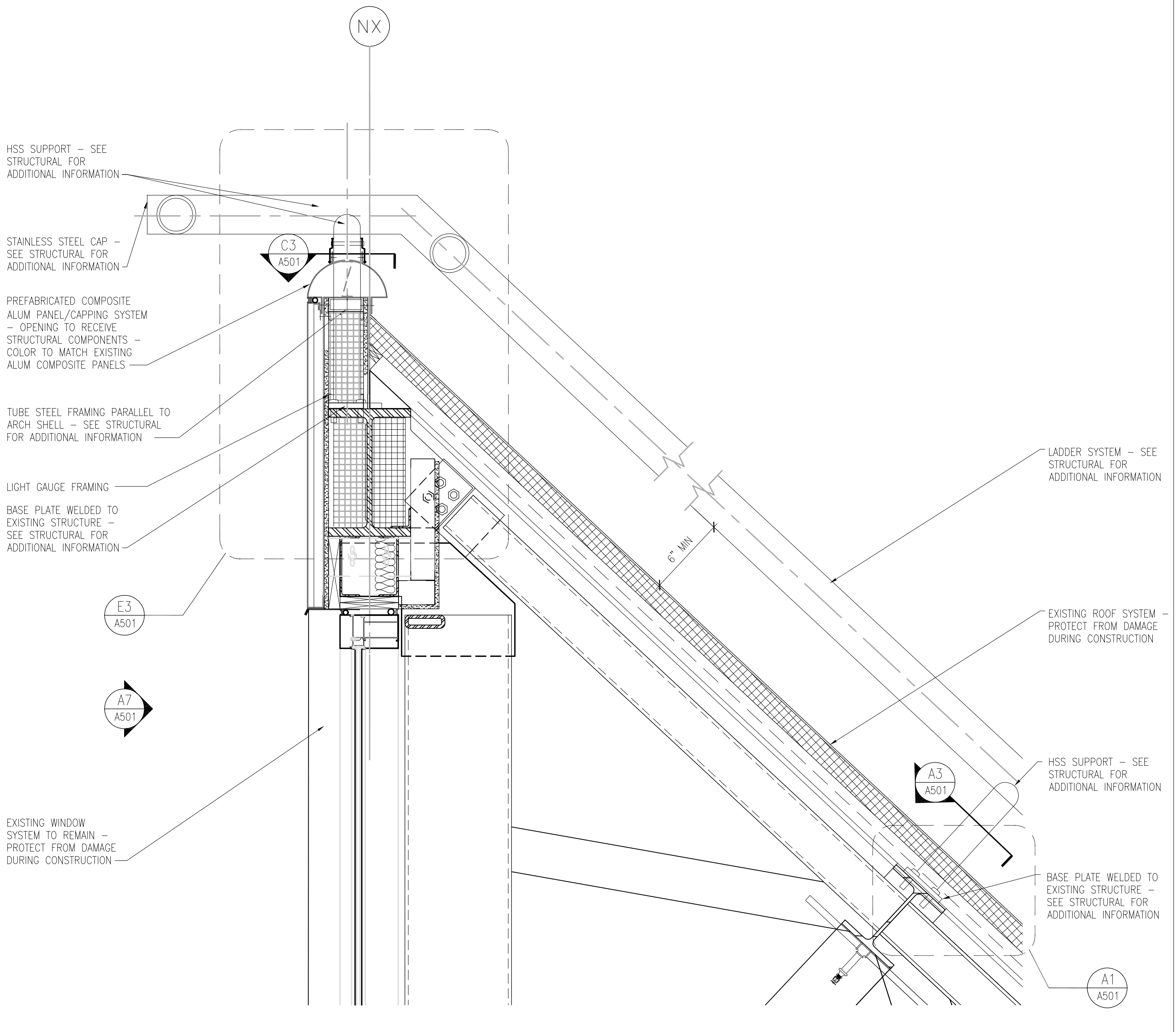
**Shell Section -
Typical**

scale: as shown
drawn: LF
check: MB
date: May 26, 2016
project no: 12002_0024

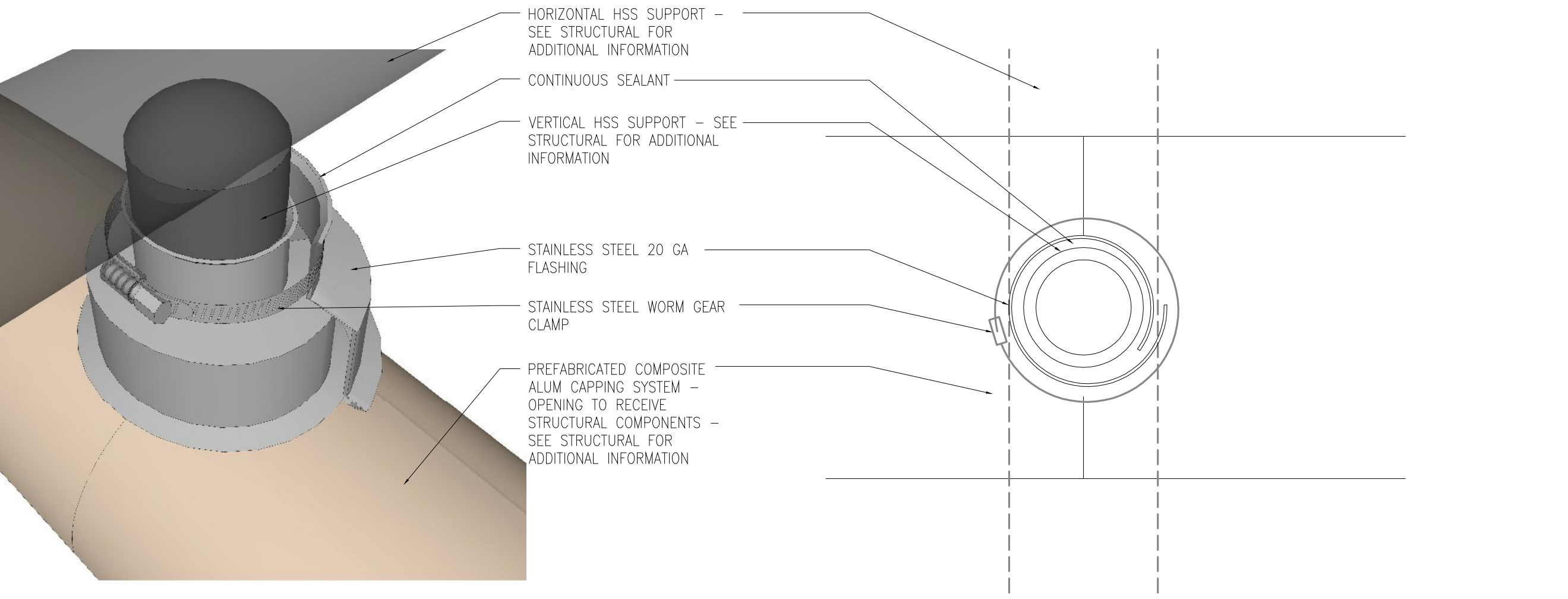
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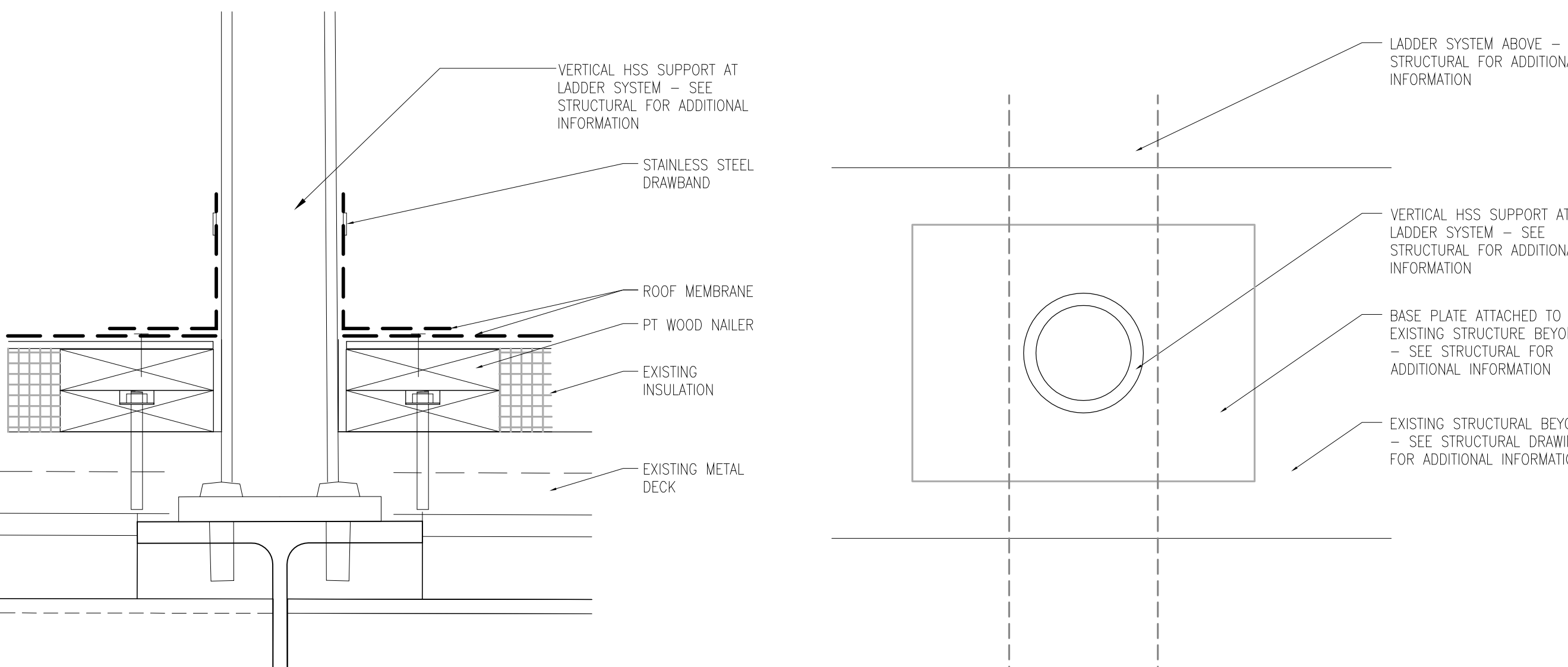
Detail - Typical
 scale: 3" = 1'-0"
 E3 A501



Section - Typical
 scale: 1" = 1'-0"
 E7 A501

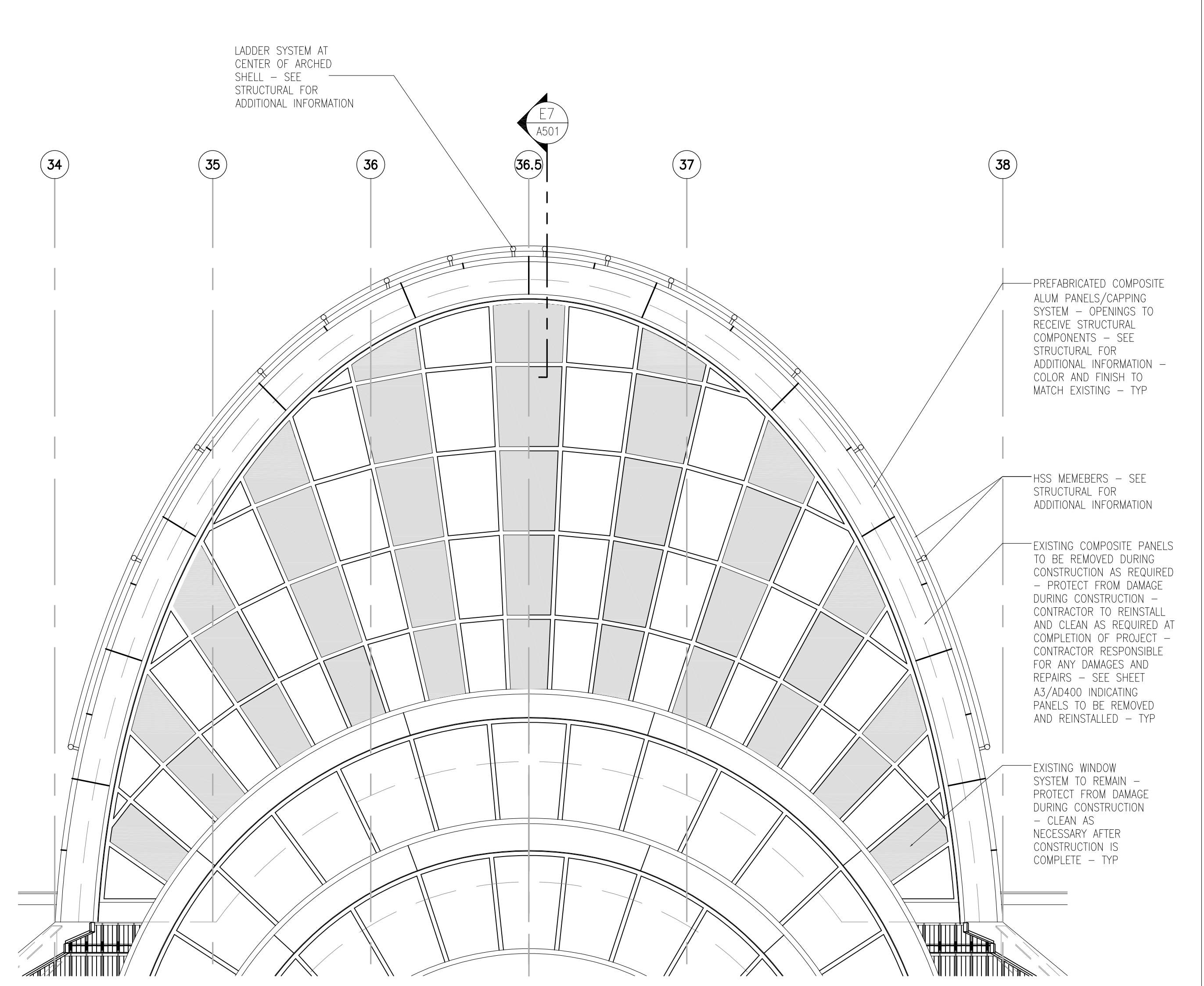


Detail - Typical
 scale: 3" = 1'-0"
 C3 A501



Temporary Roofing Detail - Typical
 scale: 3" = 1'-0"
 A1 A501

Detail - Typical
 scale: 3" = 1'-0"
 A3 A501



Elevation - Typ
 scale: 1/8" = 1'-0"
 A7 A501

- GENERAL PLAN NOTES**
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date	submittal/revision	no.

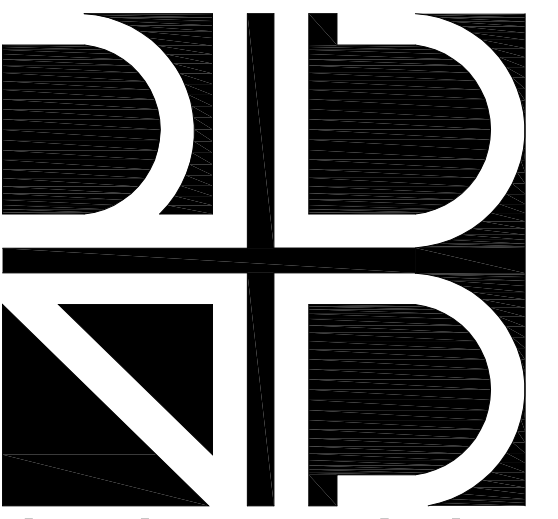
Details - Typical

scale: as shown
 drawn: LF, FD
 check: MB
 date: May 26, 2016
 project no: 12002_0024

A501

GENERAL PLAN NOTES

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND SCHEDULING CONSTRUCTION PHASES WITH THE OWNER PRIOR TO CONSTRUCTION. OBTAINING WRITTEN APPROVAL FROM THE OWNER OF DEMOLITION SCHEDULE IS REQUIRED.
2. CONSTRUCTION DOCUMENTS WERE BASED ON AVAILABLE AS-BUILT DOCUMENTS. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS (INCLUDING ROOF/PARAPET PROFILE) PRIOR TO THE COMMISSIONING OF SHOP DRAWINGS. NOTIFY OWNER IN WRITING OF ANY DISCREPANCIES PRIOR TO START OF WORK - TYPICAL.
3. PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE. CONTRACTOR SHALL BEAR ALL COSTS FOR REPAIRING, REPLACING, REFINISHING ITEMS OF EXISTING ITEMS (INCLUDING FIRE, SMOKE RATINGS) DAMAGED.
4. CONTRACTOR IS TO MAINTAIN EXISTING FIRE, SMOKE RATINGS AT ALL TIMES. CONTRACTOR IS TO PATCH, REPAIR FIRE PROOFING DAMAGED DURING CONSTRUCTION.
5. PROVIDE, ERECT AND MAINTAIN TEMPORARY BARRIERS, GUARD RAILS AND OTHER SAFETY ITEMS AS REQUIRED BY REGULATORY AGENCIES, AS REQUIRED TO PROTECT OCCUPANTS OR AS NECESSARY TO PROTECT MATERIALS, SURFACES AND FINISHES.
6. WHEN CUTTING INTO EXISTING ROOF, CONTRACTOR SHALL TAKE EXTREME CARE AND CAUTION TO AVOID DAMAGING THE STRUCTURAL INTEGRITY OF THESE AREAS. CONTRACTOR SHALL DOCUMENT ALL WALL, ROOF CUTS AND SLAB CUTS WHERE REINFORCING MEMBERS ARE CUT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, RESTORING AND MAINTAINING STRUCTURAL PERFORMANCES WHERE THE STRUCTURAL SYSTEM HAS BEEN COMPROMISED.
7. CONTRACTOR SHALL VERIFY ALL UTILITIES (SHOWN OR NOT SHOWN ON DRAWINGS) THAT ARE TO REMAIN PRIOR TO CONSTRUCTION OR CUTTING INTO ANY WALL. PERMANENT PROCEDURES ARE TO BE MADE TO REROUTE OR BYPASS UTILITIES TO AVOID DISRUPTION OR SEVERING OF UTILITIES. CONTRACTOR SHALL NOT REQUEST ADDITIONAL CHARGES FOR SUCH UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION).



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**Orange County
Convention
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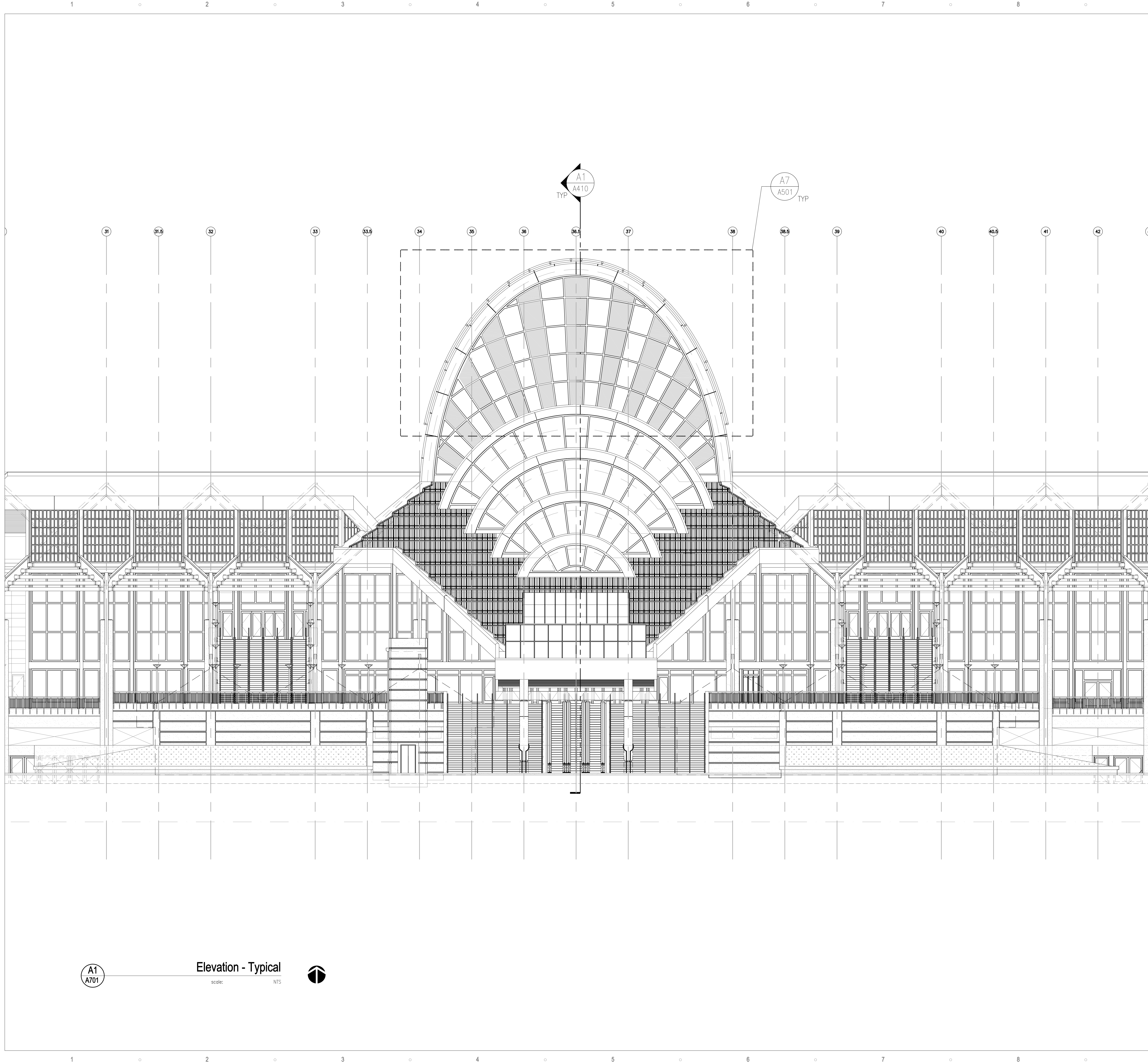
CONSTRUCTION DOCUMENTS

date	submittal/revision	no.

**Elevation -
Typical**

scale: _____ as shown
drawn: _____ LF
check: _____ MB
date: _____ May 26, 2016
project no: _____ 12002_0024

A701



**A1
A701** Elevation - Typical
scale: _____ NTS