

7/23/2024 9:10:31 AM Autodesk Docs/2312_Outdoor Knoxville Renovation_2312_Outdoor Knoxville Renovation_22_Central.rvt



CONSTRUCTION DOCUMENTS FOR: OUTDOOR KNOXVILLE REROOF

900 Volunteer Landing Lane
Knoxville, Tennessee 37902

City of Knoxville
400 Main Street SW
Knoxville, Tennessee 37901

SPA PROJECT #: 2312

100% CONSTRUCTION DOCUMENTS | 05/20/2024

REGULATORY

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2018 INTERNATIONAL FUEL GAS CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2018 INTERNATIONAL MECHANICAL CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2018 INTERNATIONAL PLUMBING CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2018 INTERNATIONAL PROPERTY MAINTENANCE CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2018 INTERNATIONAL FIRE CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2018 INTERNATIONAL ENERGY CONSERVATION CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2018 INTERNATIONAL EXISTING BUILDING CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)
2009 ANSI/ICC ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2017 NATIONAL ELECTRIC CODE (WITH LOCAL AMENDMENTS IF APPLICABLE)

BUILDING DATA:

Gross Roof Area (Existing): 3,506 SF

Affected Gross Area: 3,506 SF

Building Height: 47'-8"

Occupancy Classification: GROUP A-2 - SMALL ASSEMBLY

Construction Type:

Type V-B, Sprinklered
Max. Number of Stories ≤ 2
Max. Building Height ≤ 60'
Max. Floor Area/Floor = 24,000 SF

Fire-Resistance Rated Construction Requirements:

Primary Structural Frame: 0 Hour
Bearing Walls (Interior): 0 Hour
Bearing Walls (Exterior): 0 Hour
Nonbearing Walls and Partitions (Interior): 0 Hour
Nonbearing Walls and Partitions (Exterior): 0 Hour
Floor Construction and associated secondary members: 0 Hour
Roof Construction and associated secondary members: 0 Hour

Fire Protection:

Sprinkler System: SPRINKLERED
Fire Detection: YES

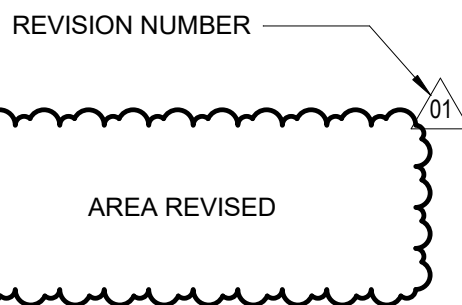
Energy Code Requirements:

Alterations to existing buildings or structures are permitted without requiring the entire building or structure to comply with the energy requirements of the **INTERNATIONAL ENERGY CONSERVATION CODE** (2018 IECC). This project has been designed to meet the requirements of the 2016 IECC Climate Zone 4.

The alterations to the existing building have been designed in accordance with the **2018 INTERNATIONAL ENERGY CONSERVATION CODE** and meets the minimum requirements set forth.

DRAWING SYMBOLS

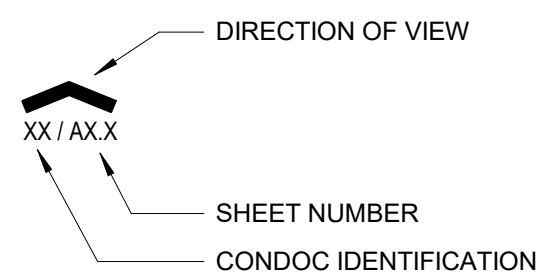
DRAWING REVISIONS



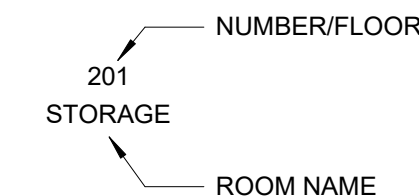
CONDOC IDENTIFICATION

XY	TITLE
	SCALE

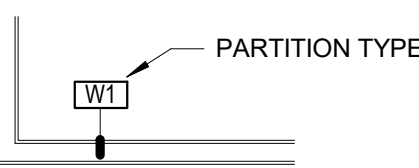
ELEVATION KEY



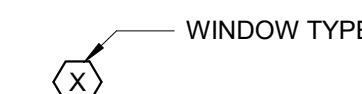
ROOM NUMBER



PARTITION TYPE



WINDOW TYPE



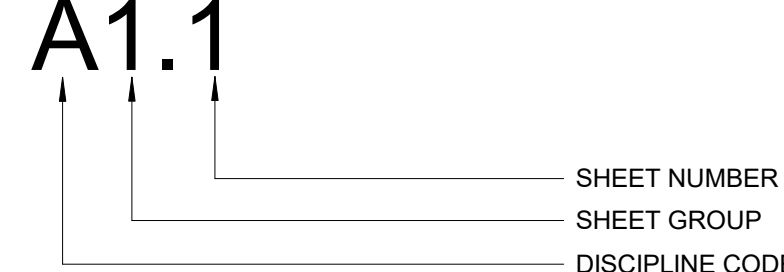
TOILET ACCESSORY



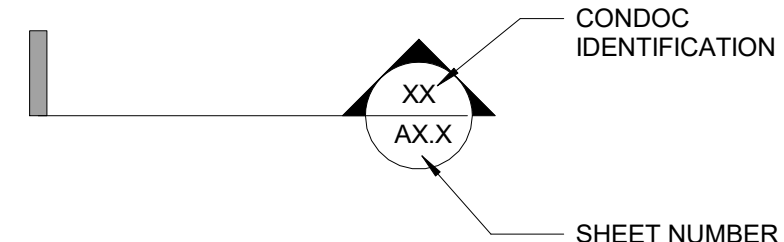
GLASS TYPE TAG



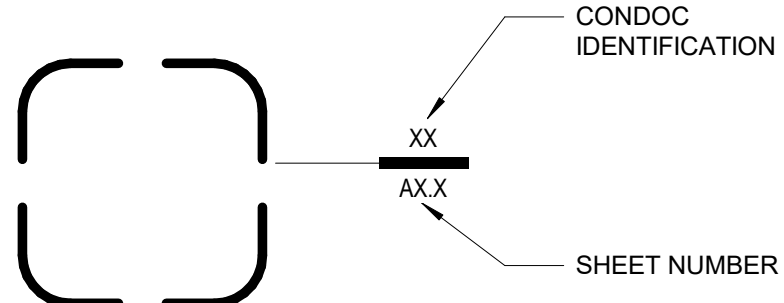
SHEET NUMBER



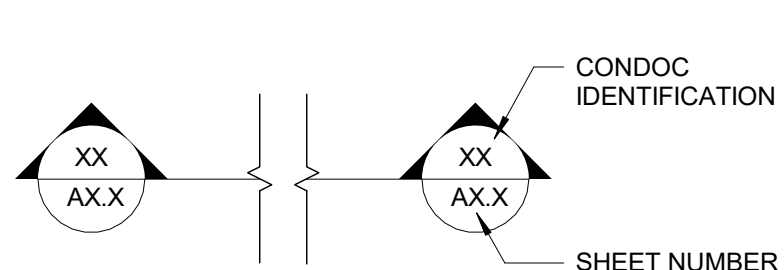
DETAIL / WALL SECTION KEY



PARTIAL PLAN & DETAIL TAG



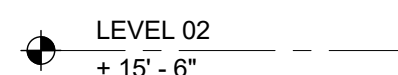
BUILDING SECTION TAG



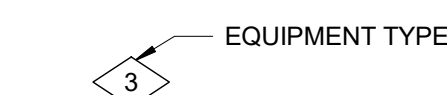
OPENING NUMBER



VERTICAL ELEVATION



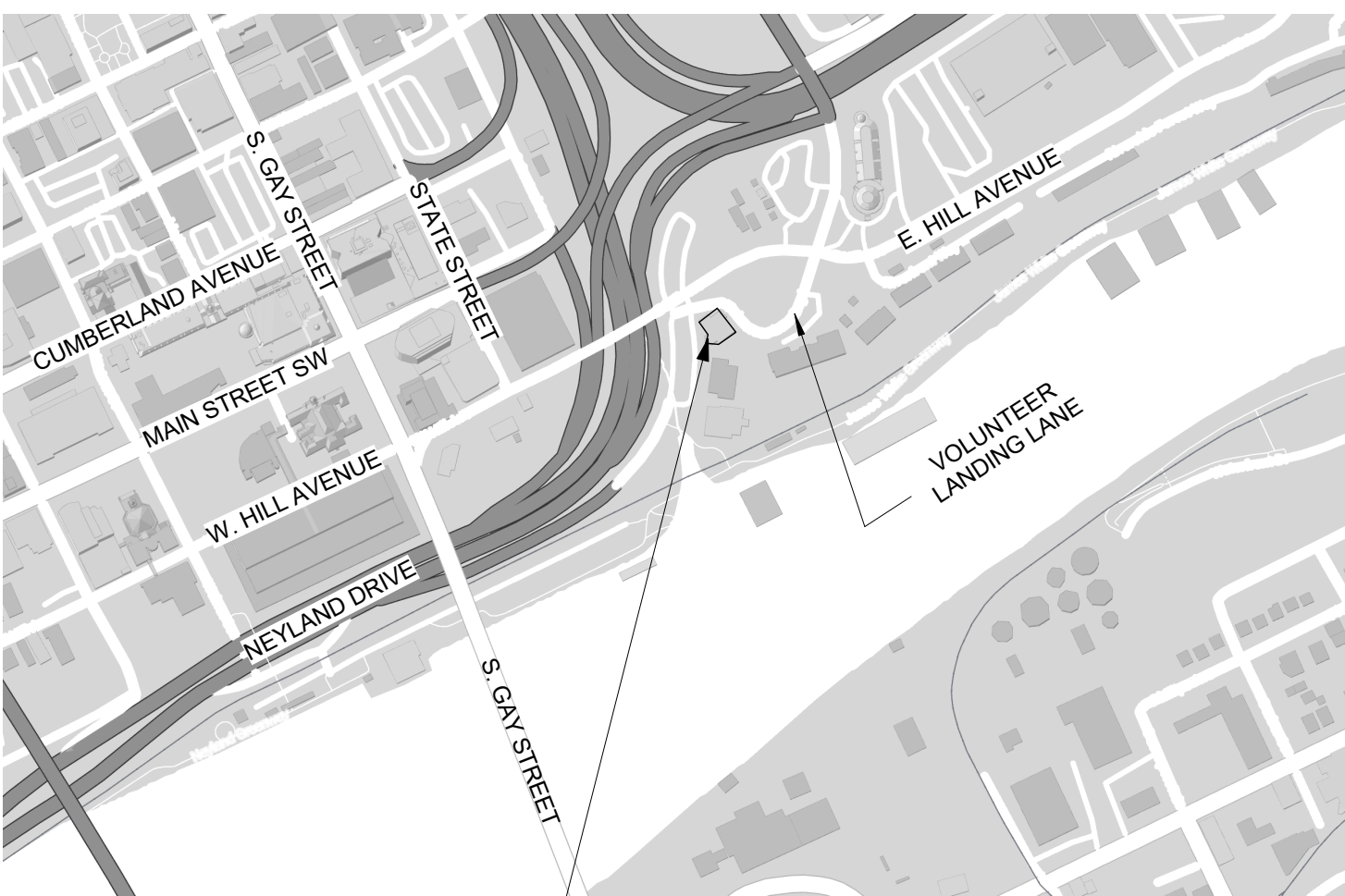
EQUIPMENT TAG



FURNITURE TAG

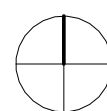


PROJECT LOCATION



PROJECT SITE

900 VOLUNTEER LANDING LANE
KNOXVILLE, TN 37915



DRAWING LIST

COVER SHEET WITH NOTES

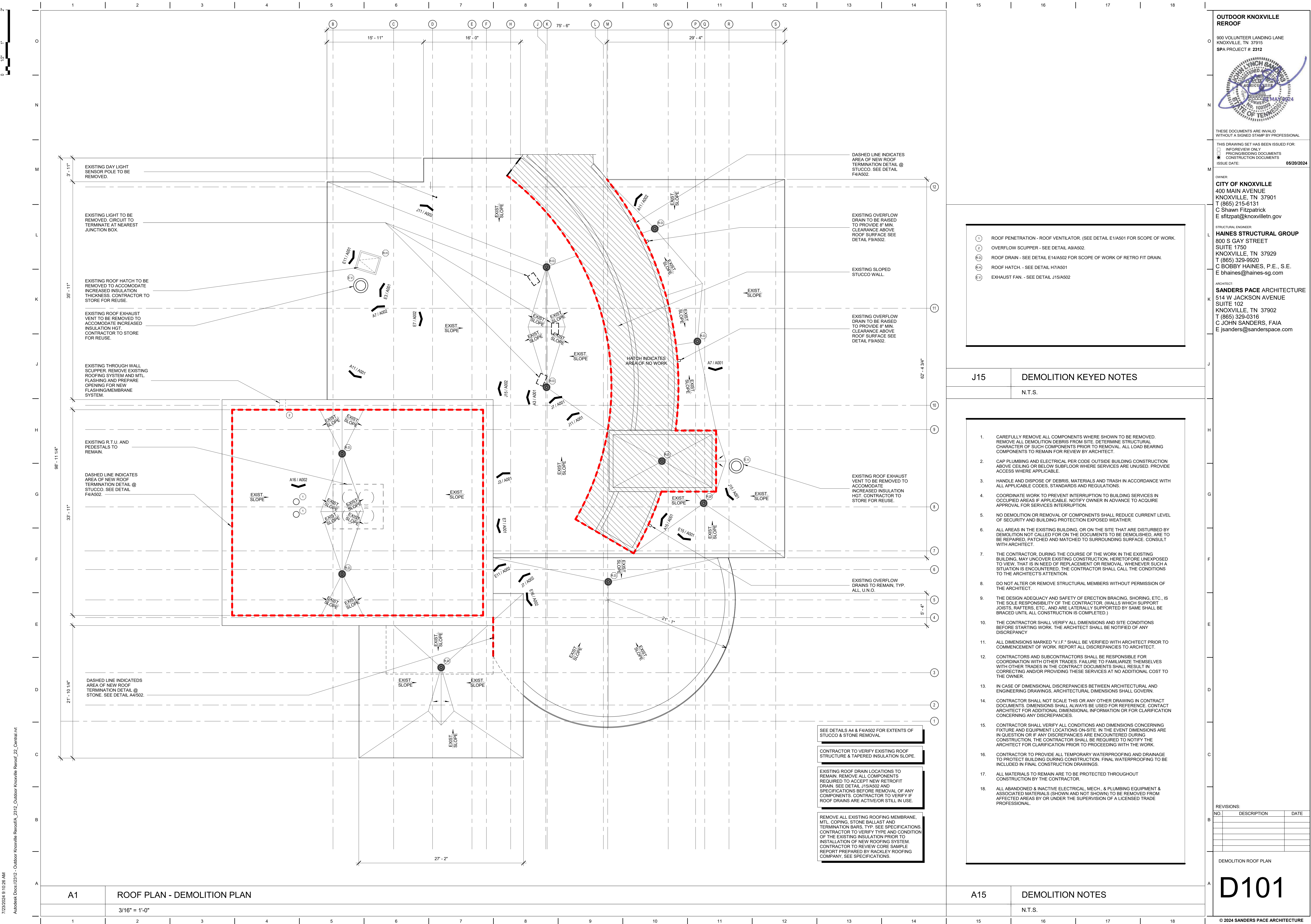
ARCHITECTURAL DRAWINGS
D101 DEMOLITION ROOF PLAN
A001 EXISTING PHOTOS
A002 EXISTING PHOTOS
A101 ROOF PLAN
A501 DETAILS
A502 DETAILS

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REROOF

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- 1 ROOF PENETRATION - ROOF VENTILATOR (SEE DETAIL E1/A501 FOR SCOPE OF WORK.
- 2 OVERFLOW SCUPPER - SEE DETAIL A9/A502.
- RD ROOF DRAIN - SEE DETAIL E14/A502 FOR SCOPE OF WORK OF RETRO FIT DRAIN.
- EH ROOF HATCH - SEE DETAIL H7/A501
- EV EXHAUST FAN - SEE DETAIL J15/A502

J15 DEMOLITION KEYED NOTES

N.T.S.

- CAREFULLY REMOVE ALL COMPONENTS WHERE SHOWN TO BE REMOVED. REMOVE ALL DEMOLITION DEBRIS FROM SITE. DETERMINE STRUCTURAL CHARACTER OF SUCH COMPONENTS PRIOR TO REMOVAL. ALL LOAD BEARING COMPONENTS TO REMAIN FOR REVIEW BY ARCHITECT.
- CAP PLUMBING AND ELECTRICAL PER CODE OUTSIDE BUILDING CONSTRUCTION ABOVE CEILING OR BELOW SUBFLOOR WHERE SERVICES ARE UNUSED. PROVIDE ACCESS WHERE APPLICABLE.
- HANDLE AND DISPOSE OF DEBRIS, MATERIALS AND TRASH IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS.
- COORDINATE WORK TO PREVENT INTERRUPTION TO BUILDING SERVICES IN OCCUPIED AREAS IF APPLICABLE. NOTIFY OWNER IN ADVANCE TO ACQUIRE APPROVAL FOR SERVICES INTERRUPTION.
- NO DEMOLITION OR REMOVAL OF COMPONENTS SHALL REDUCE CURRENT LEVEL OF SECURITY AND BUILDING PROTECTION EXPOSED WEATHER.
- ALL AREAS IN THE EXISTING BUILDING, OR ON THE SITE THAT ARE DISTURBED BY DEMOLITION NOT CALLED FOR ON THE DOCUMENTS TO BE DEMOLISHED, ARE TO BE REPAIRED, PATCHED AND MATCHED TO SURROUNDING SURFACE. CONSULT WITH ARCHITECT.
- THE CONTRACTOR, DURING THE COURSE OF THE WORK IN THE EXISTING BUILDING, MAY UNCOVER EXISTING CONSTRUCTION, HERETOFORE UNEXPOSED TO VIEW, THAT IS IN NEED OF REPLACEMENT OR REMOVAL. WHENEVER SUCH A SITUATION IS ENCOUNTERED, THE CONTRACTOR SHALL CALL THE CONDITIONS TO THE ARCHITECT'S ATTENTION.
- DO NOT ALTER OR REMOVE STRUCTURAL MEMBERS WITHOUT PERMISSION OF THE ARCHITECT.
- THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. (WALLS WHICH SUPPORT JOISTS, RAFTERS, ETC., AND ARE LATERALLY SUPPORTED BY SAME SHALL BE BRACED UNTIL ALL CONSTRUCTION IS COMPLETED.)
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY
- ALL DIMENSIONS MARKED "V.I.F." SHALL BE VERIFIED WITH ARCHITECT PRIOR TO COMMENCEMENT OF WORK. REPORT ALL DISCREPANCIES TO ARCHITECT.
- CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES. FAILURE TO FAMILIARIZE THEMSELVES WITH OTHER TRADES IN THE CONTRACT DOCUMENTS SHALL RESULT IN CORRECTING AND/OR PROVIDING THESE SERVICES AT NO ADDITIONAL COST TO THE OWNER.
- IN CASE OF DIMENSIONAL DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, ARCHITECTURAL DIMENSIONS SHALL GOVERN.
- CONTRACTOR SHALL NOT SCALE THIS OR ANY OTHER DRAWING IN CONTRACT DOCUMENTS. DIMENSIONS SHALL ALWAYS BE USED FOR REFERENCE. CONTACT ARCHITECT FOR ADDITIONAL DIMENSIONAL INFORMATION OR FOR CLARIFICATION CONCERNING ANY DISCREPANCIES.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS CONCERNING FIXTURE AND EQUIPMENT LOCATIONS ON-SITE. IN THE EVENT DIMENSIONS ARE IN QUESTION OR IF ANY DISCREPANCIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR TO PROVIDE ALL TEMPORARY WATERPROOFING AND DRAINAGE TO PROTECT BUILDING DURING CONSTRUCTION. FINAL WATERPROOFING TO BE INCLUDED IN FINAL CONSTRUCTION DRAWINGS.
- ALL MATERIALS TO REMAIN ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR.
- ALL ABANDONED & INACTIVE ELECTRICAL, MECH., & PLUMBING EQUIPMENT & ASSOCIATED MATERIALS (SHOWN AND NOT SHOWN) TO BE REMOVED FROM AFFECTED AREAS BY OR UNDER THE SUPERVISION OF A LICENSED TRADE PROFESSIONAL.

REVISIONS:		
NO.	DESCRIPTION	DATE

DEMOLITION ROOF PLAN

D101



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J3 EXISTING CONDITIONS
N.T.S.



J7 EXISTING CONDITIONS
N.T.S.



J11 EXISTING CONDITIONS
N.T.S.



J15 EXISTING CONDITIONS
N.T.S.



E3 EXISTING CONDITIONS
N.T.S.



E7 EXISTING CONDITIONS
N.T.S.



E11 EXISTING CONDITIONS
N.T.S.



E15 EXISTING CONDITIONS
N.T.S.



A3 EXISTING CONDITIONS
N.T.S.



A7 EXISTING CONDITIONS
N.T.S.



A11 EXISTING CONDITIONS
N.T.S.



A15 EXISTING CONDITIONS
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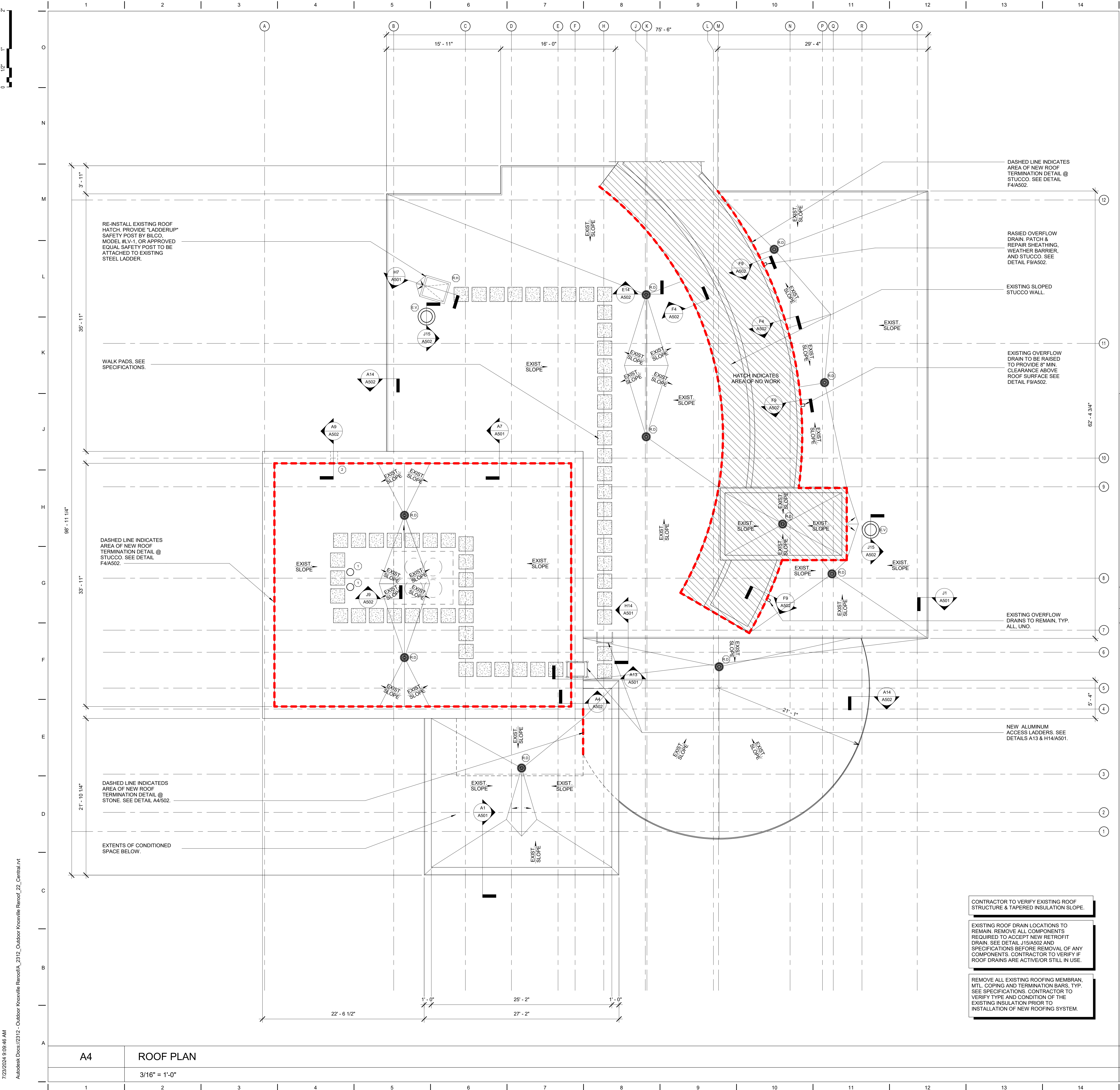
EXISTING PHOTOS

A001



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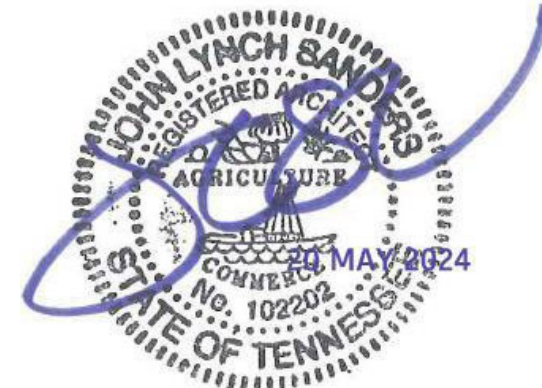
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- EV EXHAUST FAN - SEE DETAIL J15/A502

G15	PLAN KEYED NOTES
	N.T.S.

- PROVIDE FIRE TREATED WOOD BLOCKING AND UTILITIES NECESSARY FOR ITEMS NOT IN CONTRACT (N.I.C.). COORDINATE WITH OWNER FOR EXACT LOCATIONS OF OWNER-FURNISHED ITEMS. (IF APPLICABLE)
- DIMENSIONS ARE FROM CENTERLINE OF STRUCTURAL STEEL AND FACE OF CMU BLOCK/STUD/BRICK/CONCRETE U.N.O.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY.
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- HANDLE AND DISPOSE OF DEBRIS, MATERIALS AND TRASH IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS.
- ALL DIMENSIONS MARKED "V.I.F." SHALL BE VERIFIED WITH ARCHITECT PRIOR TO COMMENCEMENT OF WORK. REPORT ALL DISCREPANCIES TO ARCHITECT.
- CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES IN FAILURE TO FAMILIARIZE THEMSELVES WITH OTHER TRADES IN THE CONTRACT DOCUMENTS SHALL RESULT IN CORRECTING AND/OR PROVIDING THESE SERVICES AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL NOT SCALE THIS OR ANY OTHER DRAWING IN CONTRACT DOCUMENTS. DIMENSIONS SHALL ALWAYS BE USED FOR REFERENCE. CONTACT ARCHITECT FOR ADDITIONAL DIMENSIONAL INFORMATION OR FOR CLARIFICATION CONCERNING ANY DISCREPANCIES.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS CONCERNING EQUIPMENT LOCATIONS ON-SITE. IN THE EVENT DIMENSIONS ARE IN QUESTIONS OR IF ANY DISCREPANCIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK.
- ALL WOOD USED FOR BLOCKING OR SHEATHING TO BE FIRE TREATED.
- PROVIDE SEALANT AT THE INTERSECTION OF ALL DISSIMILAR MATERIALS. COLOR TO MATCH THE COLOR OF THE PRIMARY ADJACENT SURFACE. PROVIDE ISOLATION COATING BETWEEN ALL DISSIMILAR METALS (I.E. AL TO STL.)
- ANY EXISTING OR NEW PENETRATIONS NOT REFERENCED IN THIS DRAWING SET TO BE PATCHED AND SEALED PER UL REQUIREMENTS.
- PROVIDE ISOLATION COATING BETWEEN ALL DISSIMILAR METALS.

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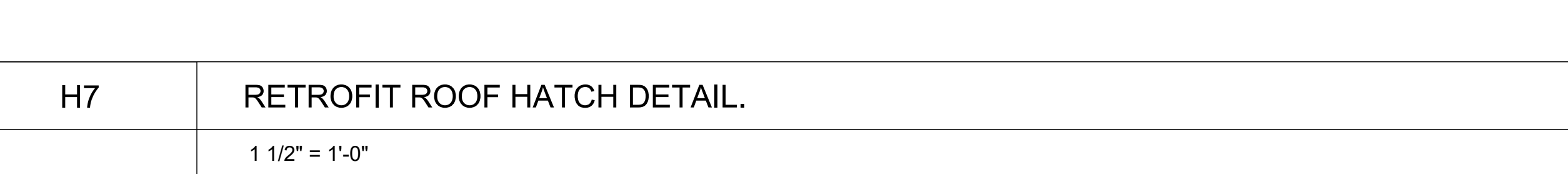
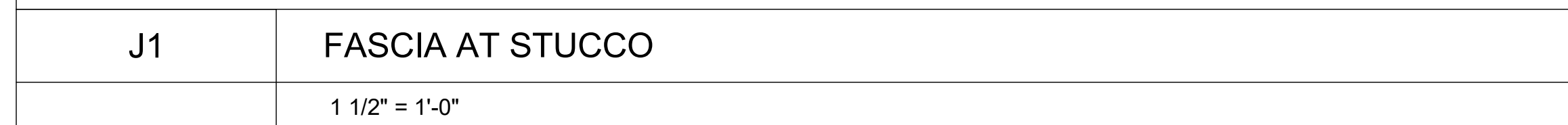
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REVISIONS:		
NO.	DESCRIPTION	DATE

ROOF PLAN

A101

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DETAILS	
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