

# OGDEN-HINCKLEY AIRPORT

## TERMINAL EXPANSION

### BID PACKAGE 2 - CIVIL / STRUCTURAL

OWNER:

**OGDEN CITY CORP.**  
2549 Washington Blvd.  
Ogden, UT 84401

Contact: Lynn Hinrichs- Airport Project Coordinator  
Telephone: 801.629.8225

ARCHITECT:

**SANDERS ASSOCIATES ARCHITECTS**  
2668 Grant Ave., Suite 100  
Ogden, UT 84401

Contact: M. Shane Sanders, AIA  
Telephone: 801.621.7303

CONTRACTOR:

**STACEY CONSTRUCTION**  
3768 Pacific Avenue  
Ogden, UT 84405

Contact: Russ Clark  
Telephone: 801.621.6210

STRUCTURAL:

**VECTOR ENGINEERS**  
P.O. Box 160204  
Clearfield, UT 84016

Contact: David Fotheringham, SE  
Telephone: 801.927.2054

CIVIL:

**ANDERSON WAHLEN & ASSOCIATES**  
2010 N. Readwood Road  
Salt Lake City, UT 84116

Contact: Shaun Young, PE  
Telephone: 801.521.8529

LANDSCAPE:

**ANDERSON WAHLEN & ASSOCIATES**  
2010 N. Redwood Road  
Salt Lake City, UT 84116

Contact: Jared Manscill, RLA  
Telephone: 801.521.8529



E



General Contractor



**STACEY**  
CONSTRUCTION

Stacey Construction  
Construction Manager  
General Contractor  
3768 Pacific Ave.  
Ogden, UT 84405  
801.621.6210  
www.staceycg.com

Consultant

Project Name	<p>OGDEN-HINCKLEY AIRPORT</p> <p>TERMINAL EXPANSION</p> <p>3909 AIRPORT ROAD OGDEN, UT 84405</p>
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Issued		
No.	Date	Description
1	11-15-2022	BID SET

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SAA Project No.	2021-10
Drawing Title	

BID PACKAGE 2 -  
COVER SHEET

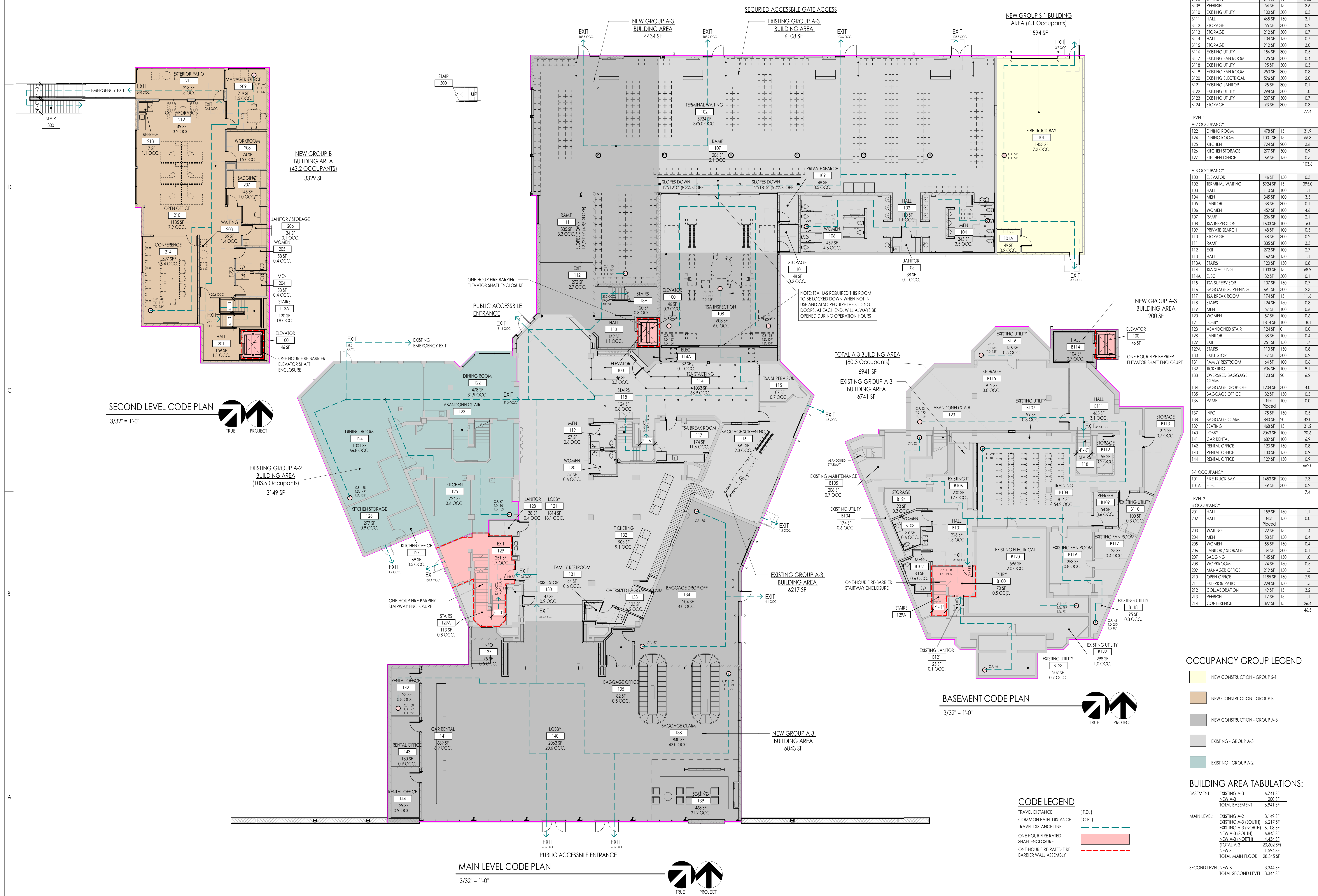
Sheet Number

2-GI001











CODE ANALYSIS

APPLICABLE CODES:		
2018	IBC	International Building Code
2018	IFC	International Fire Code
2018	IPC	International Plumbing Code
2018	IMC	International Mechanical Code
2018	IFGC	International Fuel Gas Code
2017	NEC	National Electrical Code
2018	IECC	International Energy Conservation Code
2017	ANSI	ICC/ANSI A117.1 & Utah State/Local Amendments

GENERAL CODE INFORMATION	
<b>Total Basement: 6,941 sf</b> (A-3 Occupancy)	
<b>Total Level 1: 28,345 sf</b> (A-2, A-3, S-1 Occupancies)	
<b>Total Level 2: 3,344 sf</b> (B Occupancy)	
<b>Construction Type: VB</b> (Refer to Chapter 6 items below)	
<b>Building Area:</b> (Refer to Section 506 & 506.2.1 below)	
<b>28,500 sf Allowable Building Area &lt; 28,345 sf actual (Building Size Compliant)</b>	
<b>Mixed Use - Non Separated:</b> (Refer to Section 508 below)	
<b>Automatic Fire Sprinkler System:</b> Meet NFPA 13 (Refer to Chapter 9 below)	
(New and existing building area to be provided with a new automatic sprinkler system)	

ZONING INFORMATION – OGDEN CITY	
<b>Zone: A-C (Airport Commercial)</b>	
<b>Maximum building height:</b> Refer to Federal Aviation Regulation part 77	
<b>Front Yard Setback:</b> 20'	
<b>Side Yard Setback:</b> 10', 20' when facing a street	
<b>Rear Yard Setback:</b> 20'	
<b>Maximum impervious coverage:</b> 80%	

Chapter 3	USE AND OCCUPANCY CLASSIFICATION			
303.3	Assembly	Restaurant	<b>A-2</b>	<b>Level 1: 3,149 sf</b>
303.4	Assembly	Transportation Terminal	<b>A-3</b>	<b>Basement: 6,941 sf</b>
				<b>Level 1: 23,602 sf</b>
304	Business	Offices	<b>B</b>	<b>Level 2: 3,344 sf</b>
311	Storage	Garage	<b>S-1</b>	<b>Level 1: 1,594 sf</b>

Chapter 5	GENERAL BUILDING HEIGHTS AND AREAS			
<b>504</b>	<b>Building Height &amp; Number of Stories</b>			
Table 504.3	Allowable Building Height in Feet Above Grade Plane			
	Occupancy Groups	A-3 (S), A-2 (S), B (S), S-1 (S)		
	Construction Type	Type VB		
	Allowable Height	<b>60 feet</b>		
	Proposed Design Height	<b>36'-8" above grade plane</b> Existing Elevation 31'-8" (Existing Flue), 22'-0 Building		

Table 504.4	Allowable Number of Stories Above Grade Plane			
	Occupancy Group	A-2 (S), A-3 (S), S-1 (S)		
	Construction Type	Type VB		
	Allowable # Stories	<b>2 (Most restrictive requirement)</b>		
	Proposed Building Stories	<b>2</b>		
	Occupancy Group	B (S)		
	Construction Type	Type VB		
	Allowable # Stories	<b>3</b>		

<b>506</b>	<b>Building Area</b>			
Table 506.2	Allowable Area Factor in Square Feet			
	Occupancy Classification Type VB			

506.2	Allowable Area Determination			
Table 506.2	Allowable Area Factor in Square Feet			
	<b>A-2 (\$1)</b>	<b>24,000 (Most restrictive requirement)</b>		
	<b>A-3 (\$1)</b>	<b>24,000 (Most restrictive requirement)</b>		
	<b>B (\$M)</b>	<b>27,000</b>		
	<b>S-1 (\$1)</b>	<b>36,000</b>		

506.2.4	Mixed-Occupancy, Multistory Buildings (Based on Non-separate Occupancies)			
Equation 5-3	$A_a = [A_s + (NS \times I_f)]$ $A_a = [24,000 + (6,000 \times 0.75)] =$ <b>28,500 sf Allowable Area &gt; 28,345 sf actual (Building Size - Compliant)</b>			

506.3.2	Minimum Frontage Distance			
Equation 5-4	$W = (L_1 \times w_1 + L_2 \times w_2 + L_3 \times w_3 \dots) / F$ $W = 38,430 / 1281 =$ <b>30</b> (Public Way Open Space more than 30 feet the entire perimeter)			

506.3.3	Amount of Increase			
	$I_f = [F / P - 0.25] W / 30$ $I_f = [1281 / 1281 - 0.25] 30 / 30 =$ <b>0.75</b>			

<b>508</b>	<b>Mixed Use and Occupancy</b>			
508.2.3	Accessory occupancies Allowable building area	Aggregate accessory occupancy shall not occupy more than 10% of the floor area of the story in which they are located and shall not exceed the tabular values for non-sprinklered buildings in Table 506.2 for each accessory occupancy.		

508.3	Nonseparated Occupancies	Buildings or portions of buildings that comply with the provisions of this section shall be considered as		
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508.3.1	Occupancy Classification	Nonseparated occupancies shall be individually classified in accordance to Section 302.1. The requirements of this code shall apply of each portion of the building based on the occupancy classification of hat space. In addition, the most restrictive provisions of Chapter 9 that apply to the nonseparated occupancies shall apply to the total nonseparated occupancy area.		
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508.3.2	Allowable building area and height	<u>The allowable building area and height of the building or portion thereof shall be based on the most restrictive allowances for the occupancy groups under consideration for the type of construction of the building in accordance with Section 503.1.</u>		
		<b>Maximum Allowable Area = 28,500 sf</b> <b>Proposed Level One Area = 28,345 sf</b>		
		<b>Maximum Allowable Building Height (A-2, A-3, B, S-1) = 60' Proposed New Building Height = 36'-8"</b> <b>Existing Height = 31'-8" Flue, 22'-0" building</b>		
		<b>Maximum Allowable Number of Stories (A-2, A-3, S-1) = 2; Proposed Building Stories = 2 story above grade plane</b>		
508.3.3	Separation	No separation is required between nonseparated occupancies.		

Chapter 6	Types of Construction	
<b>602.2</b>	<b>Construction Type VB</b>	
Table 601	Fire-Resistance Rating Requirements for Building Elements (Hours)	
	Primary Structural Frame	0
	Bearing Walls - Exterior	0
	Bearing Walls - Interior	0
	Exterior Non-bearing Walls & Partitions	Refer to Table 602
	Interior Non-bearing Walls & Partitions	0
	Floor Construction & Associated Secondary Members	0
	Roof Construction & Associated Secondary Members	0

Table 602	Fire-Resistance Rating Req'ts for Exterior Walls Based on Fire Separation Distance			
	Construction Type VB	Occupancy Group		
	Fire Separation Distance = x (ft)	Groups A-2, A-3, B		S-1
	$X < 5$	1		2
	$5 \leq X < 10$	1		1
	$10 \leq X < 30$	0		0
	$X \geq 30$	0		0

Chapter 7	Fire and Smoke Protection Features	
<b>704</b>	<b>Fire-Resistance of Structural Members</b>	
704.1	Requirements (Not Applicable)	

<b>705</b>	<b>Exterior Walls</b>	
705.8.1	Allowable Area of Openings	

Table 705.8.1	Max. Area of Exterior Wall Openings Based on Fire Separation Distance and Degree of Opening Protection		
	$0 < X < 3$	Unprotected (S)	Not Permitted
	$3 \leq X < 5$	Unprotected (S)	15%
	$5 \leq X < 10$	Unprotected (S)	25%
	$10 \leq X < 15$	Unprotected (S)	45%
	$15 \leq X < 20$	Unprotected (S)	75%
	$20 \leq X < 25$	Unprotected (S)	No Limit

705.11	Parapets	Shall be provided on exterior walls of buildings. Parapet is not required when the wall is not required to be fire-resistance rated.
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706.2	Structural Stability	Fire Walls shall be designed and constructed to allow collapse of the structure on either side without collapse of the wall under fire conditions.
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<b>707</b>	<b>Fire Barriers</b>		
707.3.1	Shaft Enclosures	1 Hour	Comply with Section 713.4
707.3.2	Interior Exit Stairway	1 Hour	Comply with Section 1023.1
707.3.3	Exit Access Stairway	1 Hour	Comply with Section 713.4
707.3.4	Exit Passageway	1 hour	Comply with Section 1024.3
707.3.5	Horizontal Exit	2 Hour	Comply with Section 1026.1
707.3.7	Incidental Uses	As Req'd	Comply with Table 509
707.3.8	Control Areas	As Req'd	Comply with Section 414.2.4

707.4	Exterior Walls	Where exterior walls serve as a part of a required fire-resistance-rated shaft or stairway, or separation, such as walls shall comply with the requirements of Section 705 for exterior walls and the fire-resistance-rated enclosure or separation requirements shall not apply.
Exception:		Exterior walls required to be fire-resistance-rated in Section 1021 for exterior exit balconies, Section 1037.7 for interior exit stairways and ramps, and Section 1027.6 for exterior exit stairways and ramps.

707.5	Continuity	Fire Barriers shall extend from the foundation or floor/ceiling assembly below to the underside of a floor or roof sheathing above or to fire-resistance rated floor/ceiling or roof/ceiling assemblies. Shall be continuous through concealed spaces. Joints and voids at intersections shall comply with Sections 707.8 and 707.9
Exception 1:		Shaft enclosures shall be permitted to terminate at top enclosure complying with Section 713.12.
Exception 2:		Interior exit stairway enclosures required by Section 1023 shall be permitted to terminate at top enclosure complying with Section 713.12.

707.5.1	Supporting Construction	Interior exit stairways meeting Section 1023 shall be permitted to terminate at top enclosure complying with Section 713.12.
Exception 2:		

<b>708</b>	<b>Fire Partitions</b>		
708.3	Fire-resistance Rating for Corridor Walls	Group A-2, A-3, B, & S-1 Corridor walls are not required to be have a fire-resistance rating by Table 1020.1 with a fire sprinkler system.	

708.4	Continuity	Fire Partitions shall extend from the top of the foundation or floor/ceiling assembly below and be securely attached to one of the following:
		The underside of a floor or roof sheathing, deck or slab above.
		The underside of a floor/ceiling or roof/ceiling assembly having a fire-resistance rating that is not less than the fire-resistance rating of the fire partition.

708.6	Openings	Fire Partitions shall be protected per Section 716.
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708.7	Penetrations	Fire Partition penetrations shall be comply with Section 714.
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708.8	Joints	Fire Partition joints shall comply with Section 715.
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708.9	Ducts & Transfer Openings	Fire Partition penetrations by ducts and air transfer openings shall comply with Section 717.
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<b>711</b>	<b>Floor &amp; Roof Assemblies</b>		
711.2.2	Continuity	Assemblies shall be continuous without vertical openings, except as permitted by Section 712.	

711.2.3	Supporting Construction	The supporting construction shall be protected to afford the required fire-resistance rating of the horizontal assembly.	
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<b>712</b>	<b>Vertical Openings</b>		
712.1.1	Shaft Enclosures	Vertical openings contained entirely within a shaft enclosure meeting Section 713	

<b>714</b>	<b>Penetrations</b>		
714.4.2	Membrane Penetrations	Penetrations shall be sealed to meet Section 714.4.1 for fire-resistance rated assembly.	

Chapter 8	Interior Finishes			
<b>803</b>	<b>Wall &amp; Ceiling Finishes</b>			
Table 803.13	Interior Wall & Ceiling Finish Requirements By Occupancy			
	Group	Exit Stairways, Ramps & Exit Passageways	Corridors & enclosure for exit access stairways	Rooms & enclosed spaces
	A-2;(S)	Class B	Class B	Class C
	A-3;(S)	Class B	Class B	Class C
	B;(S)	Class B	Class C	Class C
	S-1;(S)	Class C	Class C	Class C

Chapter 9	Fire Protection Systems		
<b>903</b>	<b>Automatic Sprinkler Systems</b>		
903.2.1.3	Group F-1	A Group A-3 fire area exceeds 12,000 sf, an Automatic sprinkler system shall be provided.	
903.3.1	NFPA 13	Automatic sprinkler system to be provided.	
903.4.1	Monitoring	Alarm, supervisory & trouble signals shall be distinctly different & shall be automatically transmitted to an approved supervising system.	
903.4.2	Alarms	Exterior approved audible device shall be connected to the automatic sprinkler system and actuate when sprinkler system is activated.	

<b>905</b>	<b>Standpipe Systems</b>		
905.1	General	Standpipe systems are required in new construction.	
905.2	Installation Standard	Standpipe systems shall be installed as per Section 905 & NFPA 14. Fire department connections shall be installed per Section 912.	

<b>906</b>	<b>Portable Fire Extinguishers</b>		
906.1	Group B & F	Portable fire extinguishers shall be installed as required in Section 906	

Chapter 10	Means of Egress	
1004.1	Occupant Load	(Refer to Occupancy Load Calculation per IBC 2018 Table 1004.5 located on drawing GI003 for Total Occupancy Load)
<b>1005</b>	<b>Means of Egress Sizing</b>	
1005.3.2	Other Egress	0.2 inches x Occupant <b>Total occupants = 901</b> <b>890.4 x 0.2 = 182 total inches door clearance required (568 inches public exit / emergency exit door clearance provided)</b>

<b>1006</b>	<b>Number of Exits and Access Doorways</b>	
1006.2.1	Egress based on Occupant Load and Common Path of Egress Distance	Two exits, or exit access doorways, from any space shall be provided where the Design Occupancy Load or the Common Path of Egress Travel distance exceeds the values listed in Table 1006.2.1

Table 1006.2.1	Spaces with One Exit or Exit Access Doorway		
	Occupancy:	Max. Occupant Load of Space	With Sprinkler System
	A-2, A-3	49	75 feet
	B	49	100 feet
	S-1	29	100 feet

Table 1006.3.2	Min. Number of Exits or Access to Exits per Story	
	Occupant Load per Story	Min. Number of exits or Access to Exits from a Story
	1-500	2
	501-1000	3
	More than 1000	4

<b>1009</b>	<b>Accessible Means of Egress</b>	
1009.1	# of Required Accessible Means of Egress is Req'd	Not less than one accessible means of egress is required, or not less than Two accessible means of egress is required where more than one means of egress is required.

1009.2	Continuity	Each required accessible means of egress shall be continuous to a public way.
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	Accessible Routes	Comply with Section 1104
	Interior Exit Stairways	Comply with Section 1009.3 & 1019.4
	Exit Access Stairways	Comply with Section 1009.3 & 1019.3 or 1019.4
	Exterior Exit Stairways	Comply with Section 1009 & 1027
	Elevators	Comply with Section 1009.4
	Horizontal Exits	Comply with Section 1026
	Ramps	Comply with Section 1012

1009.3	Stairways	Exception 2: Clear width of 48 inches between handrails for accessible stairways is not required with automatic fire sprinklers installed.
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<b>1011</b>	<b>Stairways</b>	
1011.2	Width & Capacity	The required capacity of stairways shall be determined as specified in Section 1005.1 but not less than 44 inches min. required, or as indicated in Section 1009.3
		Exception 1. Stairways serving an occupant load of less than 50 shall have a width of not less than 36 inches.

<b>1017</b>	<b>Exit Access Travel Distance</b>	
Table 1017.2	Occupancy	Distance with sprinkler system
	Group A	250 feet
	Group B	300 feet
	Group S-1	250 feet

<b>1020</b>	<b>Corridors</b>		
Table 1020.1	Corridor Fire-Resistance Rating		
	Occupancy	Occupant Load Served by Corridor	Required Fire Resistance Rating w/ Sprinklers
	Group A, B, S	Greater than 30	Not Required

Table 1020.2	Minimum Corridor Width	
	Occupancy	Minimum Width (inches)
	Any facilities not listed below	44 inches
	Occupant load less than 50	36 inches

1020.4	Dead Ends	Exception 2: Where more than one exit is required, and equipped with a sprinkler system, length of any dead end corridor shall not exceed 50 feet.
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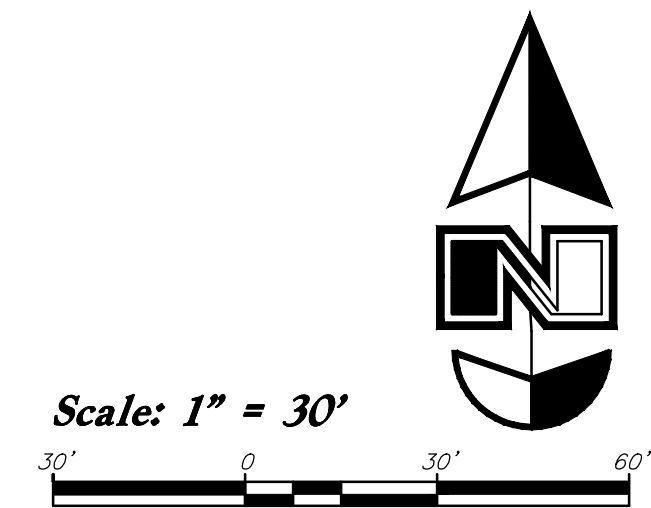
Chapter 11	ACCESSIBILITY	
1104	Accessible Route	
1104.1	Site Arrival Points	At least one accessible route within the site shall be provided from public transportation stops, accessible parking, accessible loading zones, and public streets or sidewalks to the accessible entrance served.
1104.3	Connected Spaces	Accessible buildings shall have at least one accessible route to each portion of the building, to accessible building entrances connecting accessible pedestrian walkways and to the public way.
1104.4	Multistorey Buildings and Facilities	At least one accessible route shall connect each accessible storey, mezzanine & occupied roofs on multilevel buildings and facilities.
1105	Accessible Entrances	
1105.1	Public Entrances	At least 60% of all public entrances shall be accessible.

Chapter 12	Interior Environment	
<b>1207.2</b>	<b>Minimum Ceiling Heights</b>	
	Occupiable spaces, habitable spaces and corridors shall have a ceiling height of not less than 7'-6". Bathrooms, toilet rooms, kitchens, storage rooms and laundry rooms shall have a ceiling height of not less than 7 feet. The height of mezzanines and spaces below mezzanines shall be in accordance with Section 505.2.	









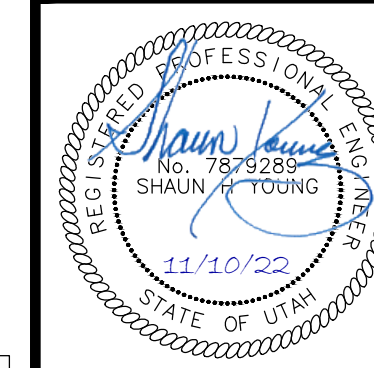
1. Demolition and site clearing for this contract are to include all areas shown within demolition limits or by note.
2. Refer to site improvement plans for more details on limits of removal.
3. All curbs, gutters, walks, slabs, walls, fences, flatwork, asphalt, waterlines and meters, gas lines, sewer lines, light poles, buried cables, street lighting poles and other structures within the demolition limits to be cleared from site unless otherwise shown.
4. All utilities, sewer, water, gas, telephone and electrical services to be disconnected and capped according to county, city and utility company requirements, unless otherwise shown.
5. Excavated areas to be backfilled with clean granular material compacted to 95% of maximum lab density as determined by ASTM D 1557-78. (Test results to be given to owner) Excavated areas should be backfilled per the geotechnical report prepared for the project.
6. Clear and grub trees, shrubs, and vegetation within demolition limits, disposal to be off-site except where noted otherwise.
7. DO NOT interrupt any services or disrupt the operation of any businesses shown outside the demolition limits.
8. Remove debris, rubbish, and other materials resulting from the demolition and site clearing operations to the site and dispose of in a legal manner.
9. The location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where available, measurements taken on the site field. The information is not to be relied upon as being exact or complete. Contractor shall contact authorities having jurisdiction for field locations. Contractor shall be responsible for protection in place and relocated utilities during construction.
10. Stockpiles shall be graded to maintain slopes not greater than 3 horizontal to 1 vertical and shall be enclosed with chain link fence to prevent sediment transport to adjacent drainage ways.
11. Contractor shall be responsible for disposal of all waste material. Disposal shall be at an approved site for such material. Burning onsite is not permitted.
12. Contractor shall verify with city any street removal, curb cuts, and any restoration required for utility line removal.
13. Install traffic warning devices as needed in accordance with local standards.
14. Contractor shall obtain all permits necessary for demolition from City, County, State or Federal Agencies as required.
15. Demolish existing buildings and clear from site. (Including removal of all footings and foundations.)
16. If ASBESTOS is found in existing structures, the Asbestos must be removed in a legal manner by a contractor licensed to handle asbestos materials. (Not a part of contract)
17. If Contractor observes evidence of hazardous materials or contaminated soils he shall immediately contact the project engineer to provide notification and obtain direction before proceeding with disturbance of said materials or contaminated soil.
18. Limits of demolition/disturbed areas shown on the plans may not be a final decision. It is the contractor's responsibility to determine the means and methods of how the work will be completed. The contractor shall determine the area of construction impact. The contractor is responsible to restore all impacted areas and all restoration shall be part of the contract bid.
19. Contractor shall shore and protect neighboring properties per GSHA standards and construction activities when necessary. All excavation shall occur on and within the bounds of the subject property. Unless specifically noted on the plans and approval from the adjoining neighbor has been obtained prior to any excavation beyond the subject property limits.

**ANDERSON WAHLEN & ASSOCIATES**  
2010 North Redwood Road, Salt Lake City, Utah 84116  
(801) 321-8529 - [AWAengineering.net](http://AWAengineering.net)

***Demolition Plan***

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***Ogden Airport Expansion***  
3909 Airport Road  
Ogden, Utah



11 Nov, 2022

SHEET NO.

**CO.1**

**Know what's below.**

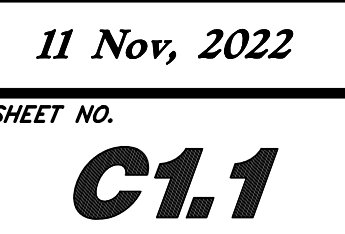


**Call 811 before you dig.**

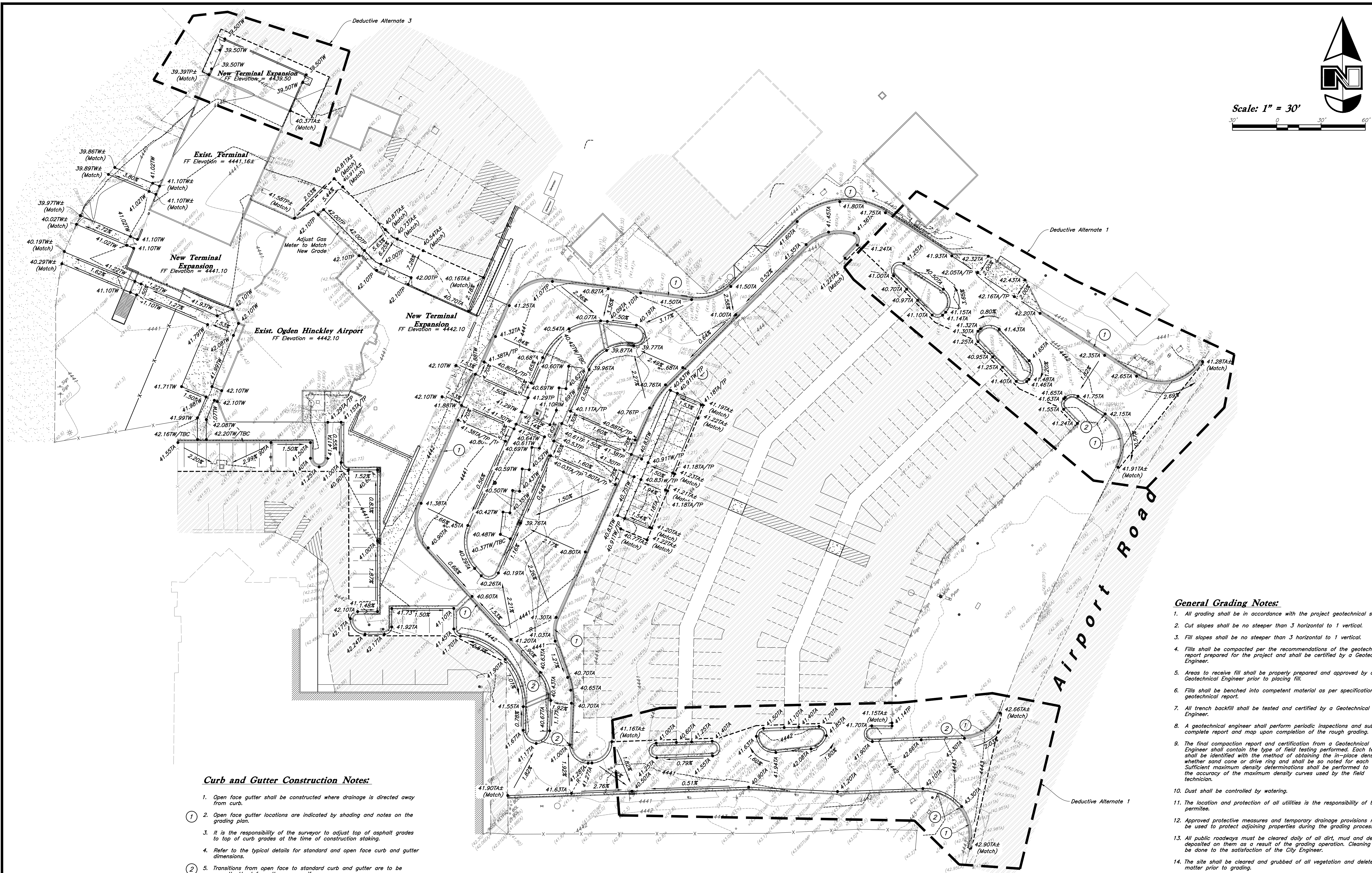


**BLUE STAKES OF UTAH**  
UTILITY NOTIFICATION CENTER, INC.  
[www.bluestakes.org](http://www.bluestakes.org)  
1-800-662-4111









#### Curb and Gutter Construction Notes:

1. Open face gutter shall be constructed where drainage is directed away from curb.
2. Open face gutter locations are indicated by shading and notes on the grading plan.
3. It is the responsibility of the surveyor to adjust top of asphalt grades to top of curb grades at the time of construction staking.
4. Refer to the typical details for standard and open face curb and gutter dimensions.
5. Transitions from open face to standard curb and gutter are to be smooth. Hand form these areas if necessary.
6. Spot elevations are shown on this plan with text masking. Coordinate and verify site information with project drawings.

#### Sidewalk Construction Notes:

1. Concrete sidewalk shall be constructed with a cross slope of 1.5% unless shown otherwise on plan.
2. Running slope of sidewalks shall be built per grades shown on the plan. where grades are not provided, sidewalks shall be constructed with a maximum running slope of 4.5%.
3. Refer to the Site Plan for sidewalk dimensions.

#### General Grading Notes:

1. All grading shall be in accordance with the project geotechnical study.
2. Cut slopes shall be no steeper than 3 horizontal to 1 vertical.
3. Fill slopes shall be no steeper than 3 horizontal to 1 vertical.
4. Fills shall be compacted per the recommendations of the geotechnical report prepared for the project and shall be certified by a Geotechnical Engineer.
5. Areas to receive fill shall be properly prepared and approved by a Geotechnical Engineer prior to placing fill.
6. Fills shall be benched into competent material as per specifications and geotechnical report.
7. All trench backfill shall be tested and certified by a Geotechnical Engineer.
8. A geotechnical engineer shall perform periodic inspections and submit a complete report and map upon completion of the rough grading.
9. The final compaction report and certification from a Geotechnical Engineer shall contain the type of field testing performed. Each test shall be identified with the method of obtaining the in-place density, whether sand cone or drive ring and shall be so noted for each test. Sufficient maximum density determinations shall be performed to verify the accuracy of the maximum density curves used by the field technician.
10. Dust shall be controlled by watering.
11. The location and protection of all utilities is the responsibility of the permittee.
12. Approved protective measures and temporary drainage provisions must be used to protect adjoining properties during the rough grading.
13. All public roadways must be cleared daily of all dirt, mud and debris deposited on them as a result of the grading operation. Cleaning is to be done to the satisfaction of the City Engineer.
14. The site shall be cleared and grubbed of all vegetation and deleterious matter prior to grading.
15. The contractor shall provide shoring in accordance with OSHA requirements for trench walls.
16. Aggregate base shall be compacted per the geotechnical report prepared for the project.
17. As part of the construction documents, owner has provided contractor with a topographic survey performed by manual or aerial means. Such survey was prepared for project design purposes and is provided to the contractor as a courtesy. It is expressly understood that such survey may not accurately reflect existing topographic conditions.
18. If Contractor observes evidence of hazardous materials or contaminated soils he shall immediately contact the project engineer to provide notification and obtain direction before proceeding with disturbance of said materials or contaminated soil.









*Not to Scale*

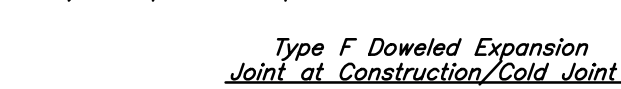
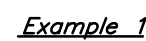
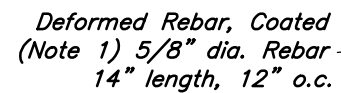
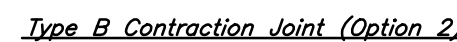


*Not to Scale*



*Not to Scale*

- ### Type A Expansion Joints



*Not to Scale*

A. Spacing = 10' O.C.

### Expansion Joints

- A. Make expansion joints full depth, see joint detail
- B. Place expansion joint at all cold joints
- C. Expansion joints are required at the start of end of curb radius.



*Not to Scale*

- Open Face*



*Not to Scale*

*Not to Scale*

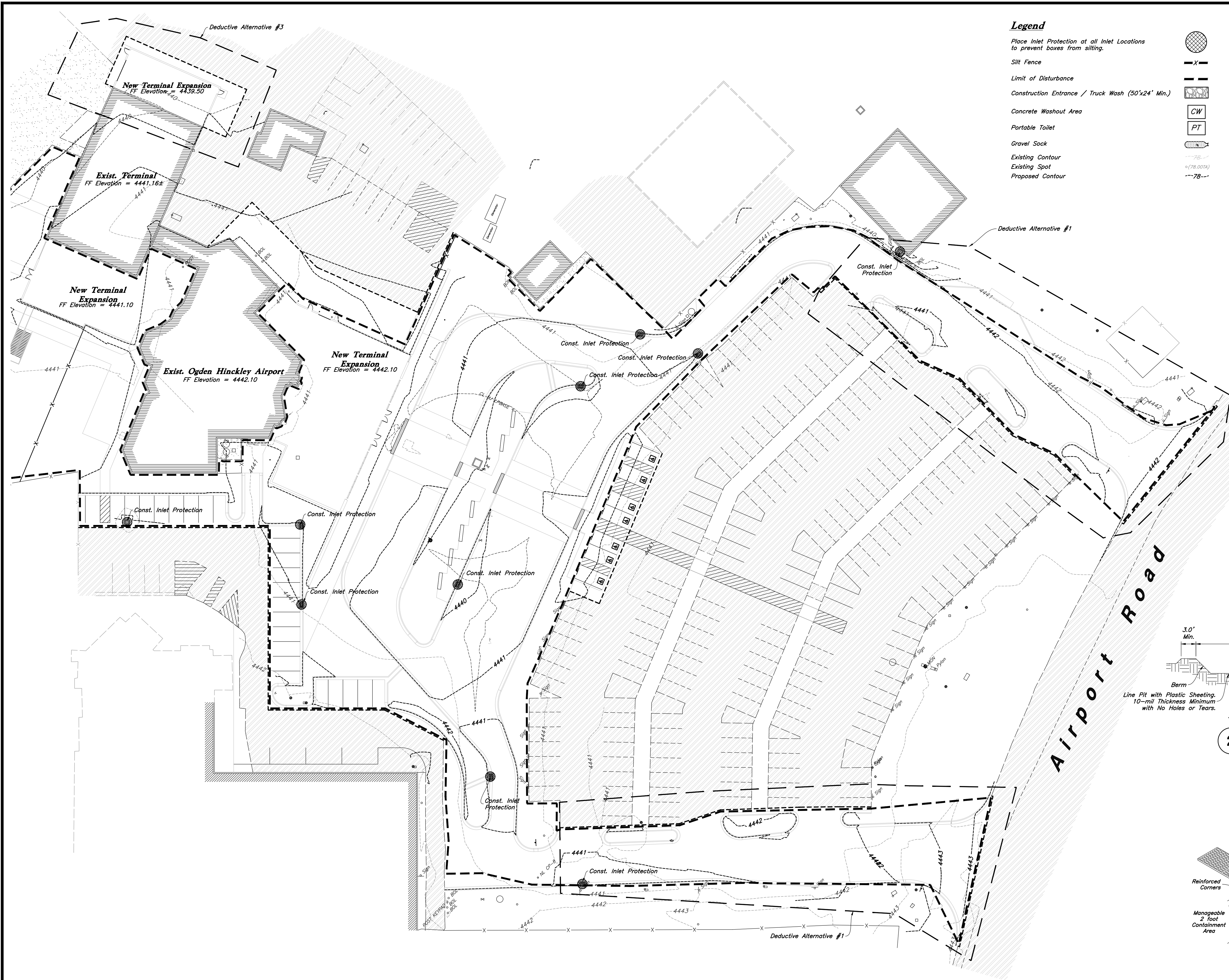










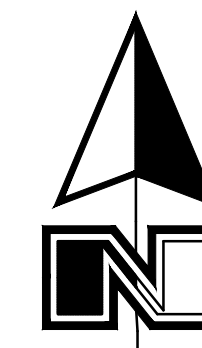


**Legend**

- Place Inlet Protection at all Inlet Locations to prevent boxes from silting.
- Silt Fence
- Limit of Disturbance
- Construction Entrance / Truck Wash (50'x24' Min.)
- Concrete Washout Area
- Portable Toilet
- Gravel Sock
- Existing Contour
- Existing Spot
- Proposed Contour

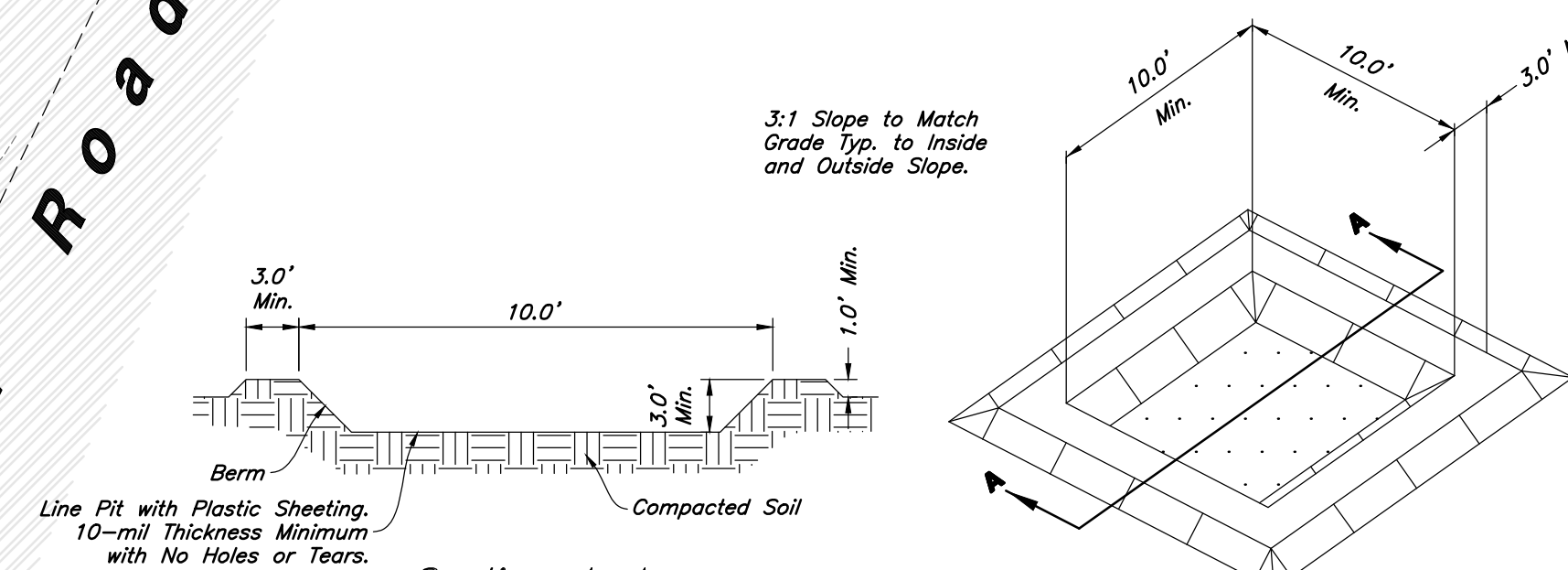


Scale: 1" = 30'



**Erosion Control Notes**

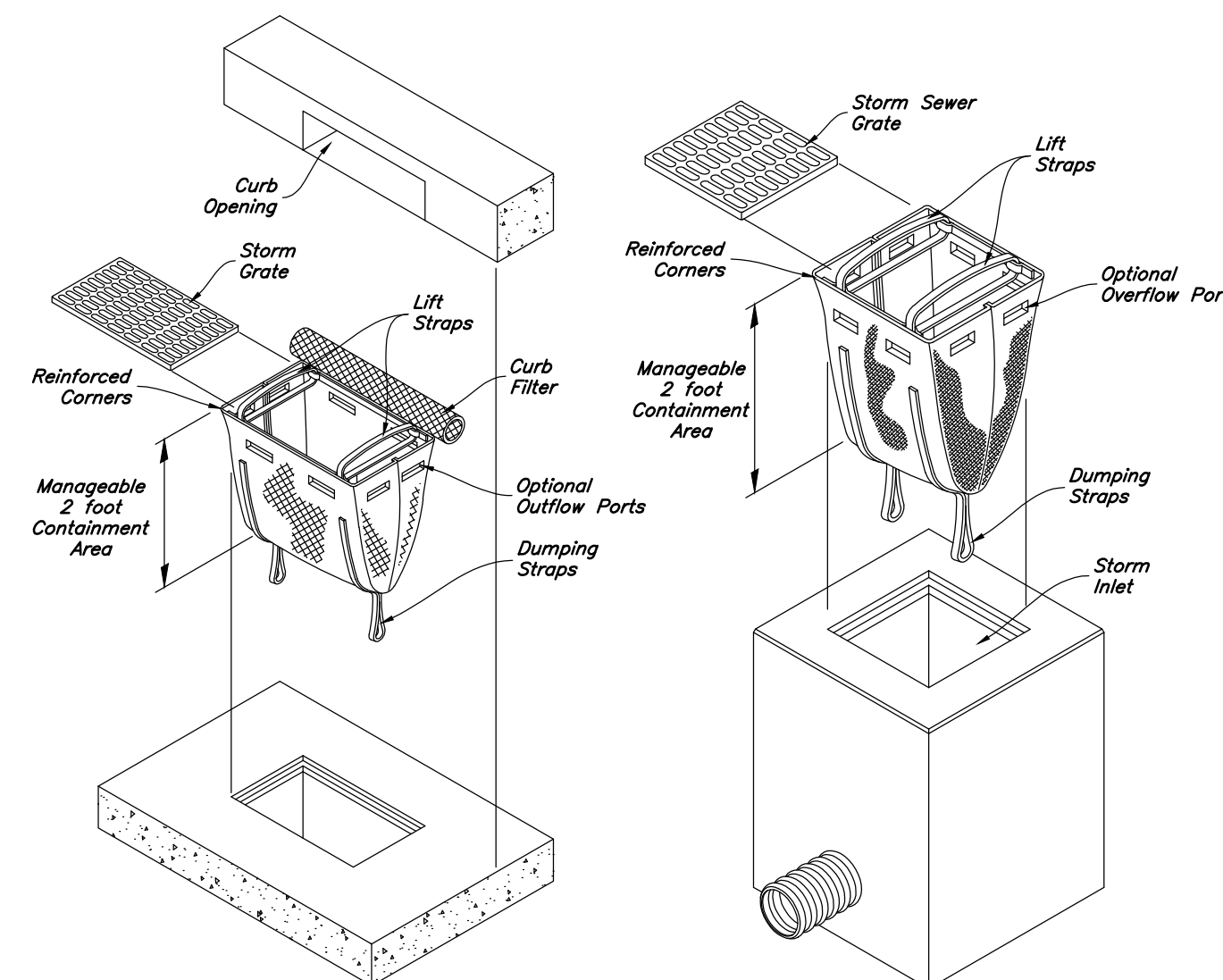
- Storm water will be discharged into an existing drainage system. Existing Lines shall be inspected prior to Certificate of Occupancy and cleaned if necessary.
- The Storm Water Prevention Plan shall conform to all State Division of Environmental Protection Regulations.
- All Construction equipment will enter thru Designated Construction Entrances.
- Coordinate Entrance locations with the local jurisdiction.
- Inlet Protection Devices and Barriers shall be Repaired or Replaced if they Show Signs of Undermining or Deterioration.
- Silt Fences shall be Repaired to their Original Conditions if Damaged, Sediment shall be Removed from Silt Fences when it Reaches one-half the Height of the Silt Fence.
- The Construction Entrances shall be Maintained in a Condition which will Prevent Tracking or Flow of Mud onto Public Right-of-Way. This may Require Periodic Top Dressing of the Construction Entrances as Conditions Demand.
- All Materials Spilled, Dropped, Washed or Tracked from Vehicles onto Roadways or into Storm Drains must be Removed Immediately.
- Due to the Grade Changes During the Development of the Project, the Contractor shall be Responsible for Adjusting the Erosion Control Measures (Silt Fences, Inlet Protection, Etc...) to Prevent Erosion.
- Contractor shall use Vehicle Tracking Control at all Locations where Vehicles will Enter or Exit the Site. Control Facilities will be Maintained while Construction is in Progress, Moved when Necessary and Removed when the Site is Paved.
- Inlet Protection Devices shall be Installed immediately upon Individual Inlets becoming Functional.
- This Document is Fluid Allowing for Changes, Modifications, Updates and Alternatives. It is the Responsibility of the Contractor to Keep Record of all Alterations made to the Erosion Control Measures Implemented for the Project on this Plan and in the Storm Water Pollution Prevention Plan.
- Cover Exposed stockpiles of soils, construction and landscaping materials with heavy plastic sheeting.
- Re-vegetate areas where landscaping has died or not taken hold.
- Divert storm water runoff around disturbed soils with berms or dirt swales.
- Contractor to provide permanent stabilization to any areas disturbed by construction by hydroseeding native vegetation (if not otherwise stabilized).
- Contractor is responsible for obtaining a fugitive dust control permit through the Division of Air Quality. All responsibilities relating to the production of the dust control plan shall be the responsibility of the Contractor.



Section A-A

**Concrete Washout**

Not to Scale



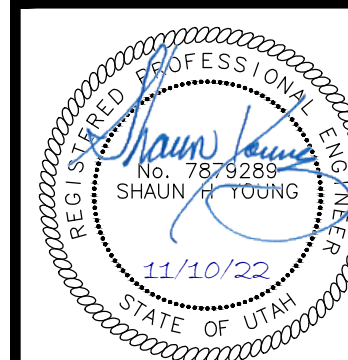
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**Inlet Protection**

Not to Scale

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(801) 321-8529 - awhengineering.net

**Erosion Control Plan**  
**Ogdan Airport Expansion**  
3909 Airport Road  
Ogdan, Utah

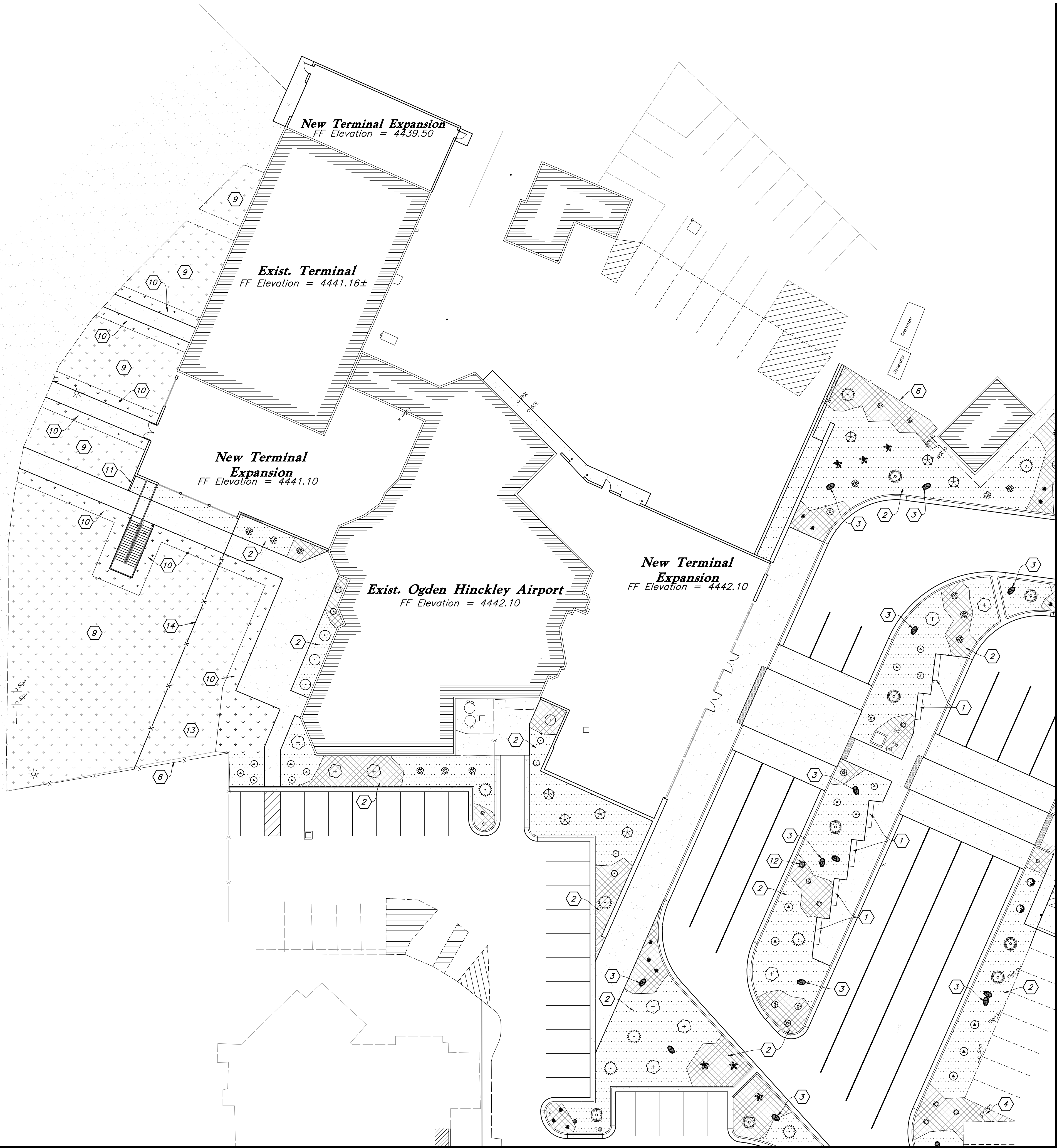


11 Nov, 2022

SHEET NO.

**C5.1**





Landscape Keynotes

- 1 Decorative Bench - See Arch. Plans
- 2 Install Decorative Stone #1 or #2 Over Commercial Grade Weed Barrier; See Plan for Type
- 3 Install Landscape Boulder
- 4 Existing Irrigation Backflow Preventer
- 5 Existing Stone Shall Remain and be Protected; Remove all Existing Weeds, Trash, and Dead Plants; Add Decorative Stone to Cover Weed Barrier Where Needed
- 6 Existing Fence
- 7 Repair and Add New Decorative Stone #2
- 8 Existing Irrigation Water Meter
- 9 Existing Lawn to Remain
- 10 Patch-up Lawn Against New Site Improvements
- 11 Install Landscape Concrete Curbing Between Existing Lawn and New Shrub Planter
- 12 New Fire Hydrant - See Utility Plan
- 13 Existing Playground
- 14 New Fence - See Civil Plans
- 15 Patch Lawn in Area Where Mailbox Use to be
- 16 Remove Existing Karl Forester Grass Around Equipment Enclosure and Replace with New; New Grass Shall have a 5 Gallon Container Planted at 2' o.c. as Requested by the City and Stated on the Conditional Use Permit

Landscape Data

New/Modified Landscape = 29,606 s.f.

Scale: 1" = 20'

Landscape Notes:

- All New and Existing Landscape Shall be Watered by an Automatic Irrigation System. Point Source Drip Shall be Used to Irrigate New and Existing Shrub Areas. Existing Irrigation Shall be Reviewed and Modified as Needed to Work with New Irrigation Improvements. See Sheet L2.1-L2.3 for Layout.
- All Areas that Are Disturbed by Construction that is Not Building and Hardscape Shall be Landscaped. Contact Landscape Architect with Areas in Question. New Landscape Shall Blend into Existing. Repair Damaged Landscape Areas Due to Construction.
- Adjust Landscape as Needed to Accommodate New and Existing Utilities. Provide Easy Access to Utilities.
- Different Stone Colors and Sizes Shall Not be Separated by Edging but Shall Have a Defined Distinct Edge.
- Remove all Unused Landscape and Irrigation Material From Site.
- New Trees Have not Been Incorporated into the Landscape to Prevent Birds From Equipping the Area and Creating a Potential Safety Concern with Flapjacks.

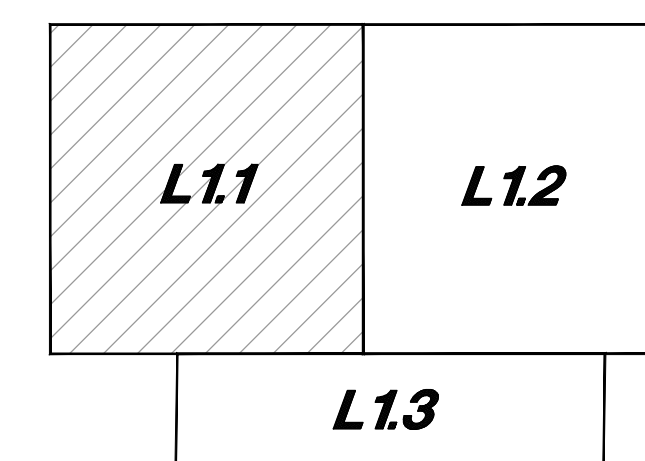
PLANT SCHEDULE

SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE
	6	Cornus sericea 'Kelsey' / Kelsey Dogwood	2 gal
	8	Forsythia x 'Gold Tides' / Golden Tide Forsythia	5 gal
	16	Juniperus horizontalis 'Bar Harbor' / Bar Harbor Creeping Juniper	5 gal
	15	Physocarpus opulifolius 'Diablo' / Diablo Ninebark	5 gal
	12	Pinus mugo 'Pumilio' / Dwarf Mugo Pine	5 gal
	23	Potentilla fruticosa 'Goldfinger' / Goldfinger Potentilla	2 gal
	4	Prunus laurocerasus 'Otto Luyken' / English Luykens Laurel	5 gal
	10	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	1 gal
	15	Rosa x 'Meigalpio' / Red Drift Rose	1 gal
	6	Spiraea x bumalda 'Goldflame' / Goldflame Spirea	2 gal
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	SIZE
	94	Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass *	5 gal
	7	Helictotrichon sempervirens 'Sapphire' / Blue Oat Grass	1 gal
PERENNIALS	QTY	BOTANICAL / COMMON NAME	SIZE
	19	Hemerocallis x 'Stella de Oro' / Stella de Oro Daylily	1 gal
	12	Perovskia atriplicifolia 'Blue Jean Baby' / Blue Jean Baby Russian Sage	1 gal
	10	Salvia x superba 'May Night' / May Night Salvia	1 gal
LAWN	QTY	BOTANICAL / COMMON NAME	TYPE
	4,856 sf	Poa pratensis / Kentucky Bluegrass Blend	sod

\* Karl Forester Grass Around Tower Equipment Enclosure Shall be 5 gallon as Required by the City (60 Total)

MATERIAL SCHEDULE

- Decorative Stone #1 - Install a Four (4) Inch Depth over Dewitt Pro5 Weed Barrier (Commercial Grade); Stone Shall be Used in Specified Shrub Areas and Washed Prior to Installation; Stone Shall be 1-2" Diameter, Angular, Fractured Stone From Staker Parsons (South Towne); Remove all Soil From Weed Barrier Prior to Laying Stone Detail: 2/L1.3
- Decorative Stone #2 - Install an Eight (8) Inch Depth over Dewitt Pro5 Weed Barrier (Commercial Grade); Stone Shall Cover Weed Barrier; Carefully Place Around Plant Material; Stone Shall be Used in Specified Shrub Areas and Washed Prior to Installation; Remove all Soil From Weed Barrier Prior to Laying Stone; Stone Shall be 4-6" Diameter Cobble Stone and Match Existing (South Towne) Detail: 2/L1.3
- Landscape Boulders - Boulders Shall be 2-3' in Diameter, Fractured and Match Proposed Stone; Boulders Shall be Recessed into the Stone Two (2) Inches and Not Set on Top of Stone; No Boulder Shall be Placed Adjacent to a Curb Where a Car Could Potential Hit With Bumper or Door Detail: 3/L1.3



Key Map



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2010 North Redwood Road, Salt Lake City, Utah 84116  
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Landscape Plan  
Ogden Airport Expansion  
3909 Airport Road  
Ogden, Utah

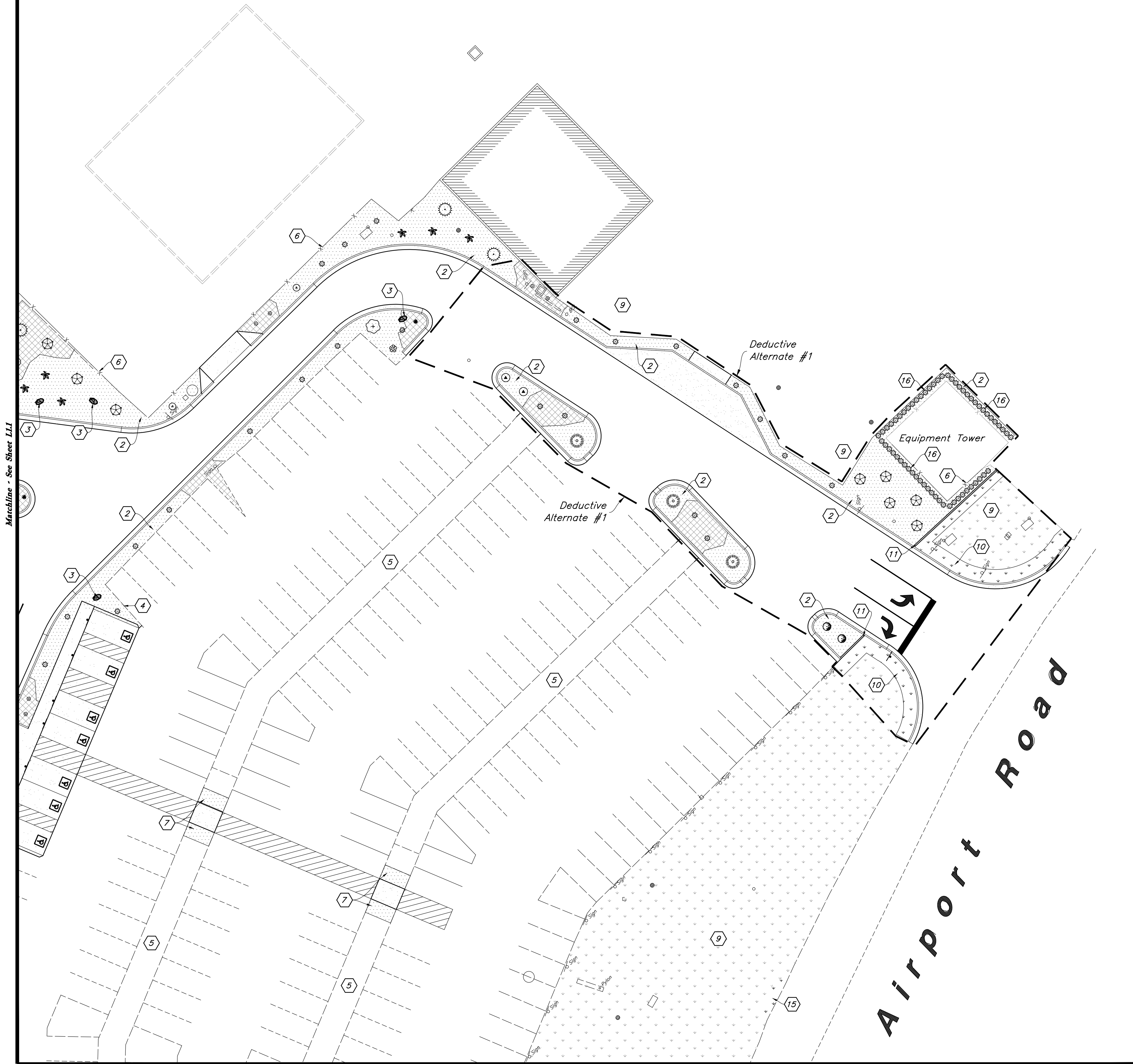


11 Nov, 2022

SHEET NO.  
L1.1



Matchline - See Sheet L1.1

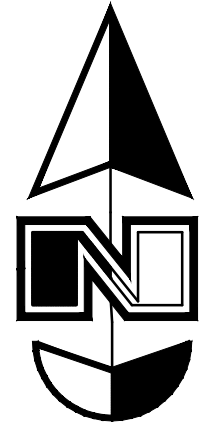


Matchline - See Sheet L1.3

#### Landscape Keynotes

- 1 Decorative Bench - See Arch. Plans
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Scale: 1" = 20'

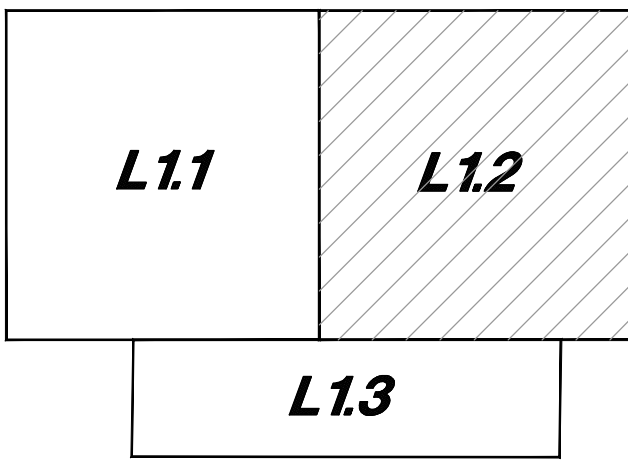


#### Landscape Notes:

1. All New and Existing Landscape Shall be Watered by an Automatic Irrigation System. Point Source Drip Shall be Used to Irrigate New and Existing Shrub Areas. Existing Irrigation Shall be Reviewed and Modified as Needed to Work with New Irrigation Improvements. See Sheet L2.1-L2.3 for Layout.
2. All Areas that Are Disturbed by Construction that is Not Building and Hardscape Shall be Landscaped. Contact Landscape Architect with Areas in Question. New Landscape Shall Blend into Existing. Repair Damaged Landscape Areas Due to Construction.
3. Adjust Landscape as Needed to Accommodate New and Existing Utilities. Provide Easy Access to Utilities.
4. Different Stone Colors and Sizes Shall Not be Separated by Edging but Shall Have a Defined Distinct Edge.
5. Remove all Unused Landscape and Irrigation Material From Site.
6. New Trees Have not Been Incorporated into the Landscape to Prevent Birds From Frequenting the Area and Creating a Potential Safety Concern with Planes.

#### General Landscape Notes:

1. Plant material quantities are provided for bidding purposes only. It is the contractors responsibility to verify all quantities listed on the plans and the availability of all plant materials and their specified sizes prior to submitting a bid. The contractor must notify the Landscape Architect prior to submitting a bid if the contractor determines a quantity deficiency or availability problem with specified material. The contractor shall provide sufficient quantities of plants equal to the symbol count or to fill the area shown on the plan using the specified spacing. Plans take precedence over plant schedule quantities.
2. Contractor shall call Blue Stake before excavation for plant material.
3. Prior to construction, the contractor shall be responsible for locating all underground utilities and shall avoid damage to all utilities during the course of the work. It shall be the responsibility of the contractor to protect all utility lines during the construction period, and repair any and all damage to utilities, structures, site appurtenances, etc. which occurs as a result of the landscape construction.
4. The landscape contractor shall examine the site conditions under which the work is to be performed and notify the general contractor in writing of unsatisfactory conditions. Do not proceed until conditions have been corrected.
5. The contractor shall provide all materials, labor and equipment required for the proper completion of all landscape work as specified and shown on the drawings.
6. See civil and architectural drawings for all structures, hardscape, grading, and drainage information.
7. Contractor safety and cleanup must meet OSHA standards at all times. All contractors must have adequate liability, personnel injury and property damage insurance. Clean-up must be performed daily, and all hardscape areas must be washed free of dirt and mud on final cleanup. Construction must occur in a timely manner.
8. All new plant material shall conform to the minimum guidelines established by the American Standard for Nursery Stock Published by the American Association of Nurseryman, Inc. In addition, all new plant material shall be of specimen quality.
9. The Owner/Landscape Architect has the right to reject any and all plant material not conforming to the plans and specifications.
10. Any proposed substitutions of plant species shall be made with plants of equivalent overall form, height, branching habit, flower, leaf, color, fruit and culture only as approved by the Landscape Architect.
11. It is the contractors responsibility to furnish all plant materials free of pests or plant diseases. It is the contractor's obligation to maintain and warranty all plant materials.
12. The contractor shall take all necessary scheduling and other precautions to avoid winter, climatic, wildlife, or other damage to plants. The contractor shall install the appropriate plants at the appropriate time to guarantee life of plants
13. The contractor shall install all landscape material per plan, notes and details.
14. Plant names are abbreviated on the drawings, see plant schedule for symbols, abbreviations, botanical, common names, sizes, estimated quantities and remarks.
15. No grading or soil placement shall be undertaken when soils are wet or frozen.
16. Existing topsoil to be stripped and stockpiled for landscape use. Contractor shall verify existing topsoil amounts and quality with the general contractor. Provide new imported topsoil as needed from a local source. Imported topsoil must be a premium quality dark sandy loam, free of rocks, clods, roots, and plant matter. The landscape contractor shall perform a soil test on existing and imported topsoil and amend per soil test recommendations. Soil test to be done by certified soil testing agency. Topsoil to be installed in all landscaping areas.
17. Prior to placement of topsoil in all landscaping areas, all subgrade areas shall be loosened by scarifying the soil to a depth of 6 inches in order to create a transition layer between existing and new soils.
18. Provide an 8" depth of existing or imported topsoil in all other shrub areas.
19. All plant material holes shall be dug twice the diameter of the rootball and 6 inches deeper. Excavated material shall be removed from the site and replaced with plant backfill mixture. The top of the root balls, shall be planted flush with the finish grade.
20. Plant backfill mix shall be composed of 3 parts topsoil to 1 part soil pep, and shall be mixed at the planting hole. Deep water all plant material immediately after planting. Add backfill mixture to depressions as needed.
21. All new plants to be balled and burlapped or container grown, unless otherwise noted on plant schedule.
22. Upon completion of planting operations, all landscape areas with trees, shrubs, and perennials, shall receive specified stone over (Commercial Grade) Derrill Pro's Weed Barrier. Stone shall be evenly spread on a carefully prepared grade free of weeds. The top of stone should be slightly below finish grade and concrete areas.
23. All deciduous trees shall be double staked per tree staking detail. It is the contractors responsibility to remove tree staking in a timely manner once staked trees have taken root. Deciduous tree ties to be V.I.T. Cinche Ties #CT32.
24. Landscape installer shall repair or replace plantings and accessories that fail in materials, workmanship, or growth within specified warranty period. Failures include, but are not limited to, the following: Death and unsatisfactory growth, except for defects resulting from abuse, lack of adequate maintenance, or neglect by Owner, or incidents that are beyond installer's control. Warranty period shall be 12 months and begin at date of final project acceptance.



Key Map



Know what's below.  
Call before you dig.

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2010 North Redwood Road, Salt Lake City, Utah 84116  
(801) 321-8529 - [AWAengineering.net](mailto:AWAengineering.net)

**Landscape Plan**  
**Ogden Airport Expansion**  
3909 Airport Road  
Ogden, Utah

State of Utah  
**Jared R. Manscill**  
No. 7740426-5301  
11/10/2022  
Licensed Landscape Architect

11 Nov, 2022

SHEET NO.

**L1.2**

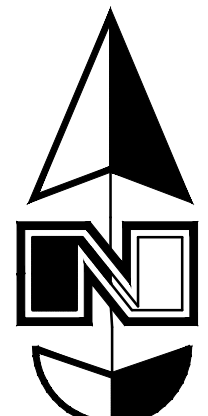


Landscape Keynotes

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Landscape Notes:

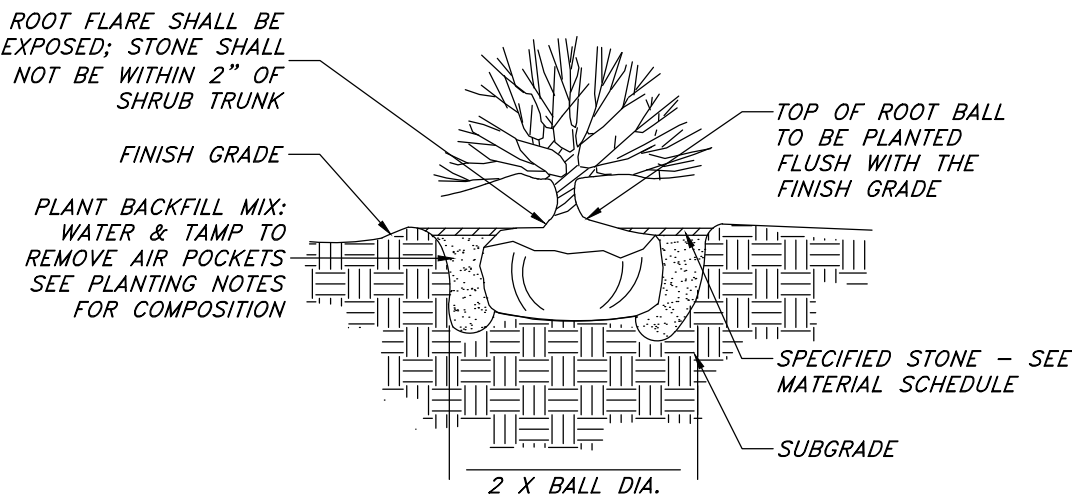
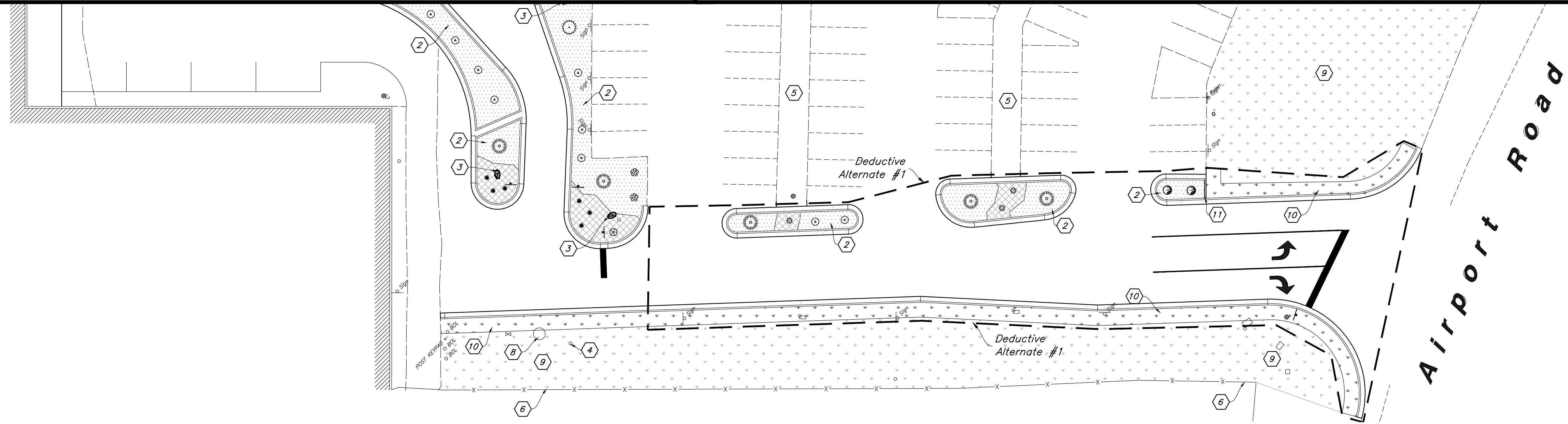
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6. New Trees Have not Been Incorporated into the Landscape to Prevent Birds From Frequencing the Area and Creating a Potential Safety Concern with Planes.



Scale: 1" = 20'

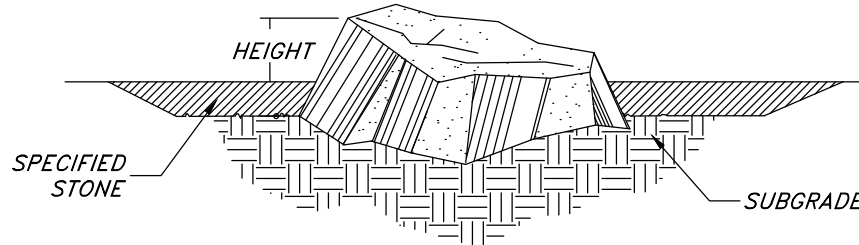
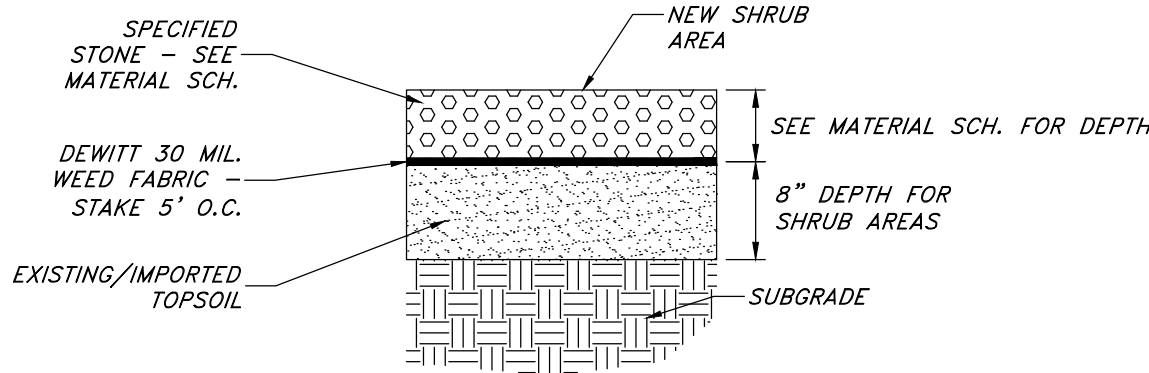
Matchline - See Sheet L1.1

Matchline - See Sheet L1.2



NOTE:

1. CUT AND REMOVE WIRE FROM TOP AND SIDES OF ROOTBALL. PEEL BACK BURLAP TO EXPOSE TOP 1/3 OF ROOTBALL.
2. REMOVE ALL NURSERY TAGS AND STACKS AFTER PLANTING.



NOTE:

1. USE CARE TO MINIMIZE MARRING & SCRATCHING
2. SLIGHTLY BURY BOULDER INTO SOIL, KEEPING BEST VISUAL SIDE ABOVE GROUND.

1

SHRUB PLANTING

Not to Scale

2

LANDSCAPE PREPARATION

Not to Scale

3

LANDSCAPE BOULDER

Not to Scale

L1.1

L1.2

L1.3

Key Map



**ANDERSON WAHLEN & ASSOCIATES**  
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**Landscape Plan**  
**Ogden Airport Expansion**  
3909 Airport Road  
Ogden, Utah



11 Nov, 2022

SHEET NO.

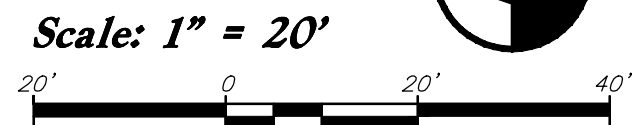
**L1.3**





Matchline - See Sheet L2.3

Main Service Line & Other Irrigation Components Are Shown In Paved Or Hardscape Surfaced For Clarity Purposes ONLY! Install All Irrigation Components within Landscaped Areas.



### Irrigation Notes

- See Sheet L1.1 and L11.2 for Plant Layout and Sheet L1.3 for Planting Details.
- See Sheet L2.2 and L2.3 for Irrigation Details.
- The Two Existing Irrigation Systems Shall Remain and be Modified to Keep Systems Functional During All Stages of Construction to Keep Existing Lawn Alive. Retrofit Systems for New Drip Valves and Utilize Existing Wires.

### IRRIGATION SCHEDULE

Symbol	Manufacturer/Model #	Description	Notes	Detail
<b>Valves</b>				
	Rain Bird XCZ-100-PRB-COM	Drip Control Zone Kit	1 Inch Size; Install in Standard Valve Box with 3" Depth of Gravel over Weed Barrier; Install with Water Proof Wire Connectors	3/L2.3
<b>Drip</b>				
	PVC Pipe To Drip Tubing	Provide Connection Fittings	Install 1" Feeder Line To All Drip Areas	4/L2.3
	Rain Bird XBS-940 Rain Bird XG-100 Rain Bird XB-205C Rain Bird TS025 Rain Bird DBC-025 Rain Bird MDCFCAP	3/4" Distribution Tubing - Pipe shown on Plan is Schematic; Adjust as Needed 1/4" Distribution Tubing - Install one per Emitter Kart-Bug Emitter (2 Gal/Hr.) - 1 per Perennial, 2 per Shrub & Ornamental Grass, 3 per Tree Tie Down Stake - Tubing to be Staked every 3' Diffuser Bug Cap - Install one per Emitter Removable Flush Cap - Install at the End of Each Line		1/L2.2 5/L2.3

### Existing P.O.C.s

Existing Irrigation P.O.C. Shall Remain and Stay Functional; Each System had a RBPB Backflow; The System on the North P.O.C. is Located in Basement of Building and the Irrigation Connection on the South Side of the Building is Located in the Lawn Area on the West Side of the Site

### Pipes

	Schedule 40 PVC	Mainline Pipe	Match Existing Line Size; Control Wiring Shall be Tucked Under Mainline for Protection; Schedule 80 Fittings Shall be Used for Mainline Components	6/L2.3
	Schedule 40 PVC	Lateral Line Pipe	See Plan for Pipe Sizes; Pipes Unmarked Shall be 1 Inch; Minimum Pipe Size Shall be 1 Inch for PVC Pipe	6/L2.3

### Controller

	Existing Controller Located in Basement of Building that Irrigates North Side of Building; Controller Shall be Adjusted for New Valves and Valves that Need to be Eliminated
	Existing Controller Located in Basement of Building that Irrigates South Side of Building; Controller Shall be Adjusted for New Valves and Valves that Need to be Eliminated

### Sleeving

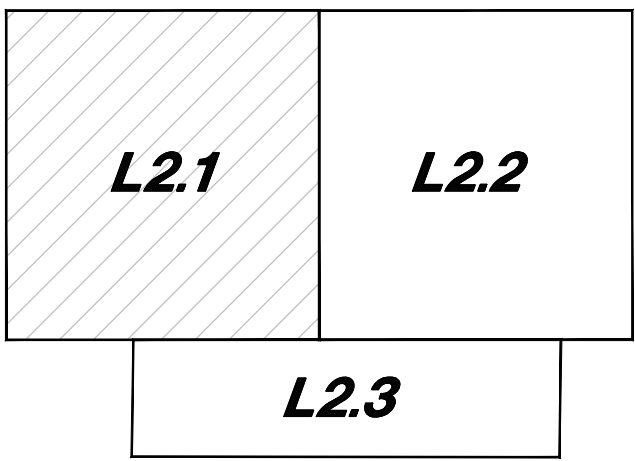
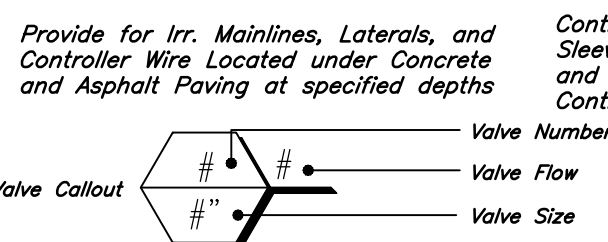
	Schedule 40 PVC	Provide for Irr. Mainlines, Laterals, and Controller Wires Located under Concrete and Asphalt Paving at specified depths	Contractor shall Coordinate the Installation of Sleeving with the Installation of Concrete Flatwork and Asphalt Paving. All Sleeving is by the Landscape Contractor unless otherwise noted.	2/L2.3
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### VALVE SCHEDULE - North Side Irrigation System

VALVE STATION	VALVE SIZE	IRRIGATION TYPE	FLOW (GPM)	PSI	PRECIP RATE
A1	1"	Area for Drip Emitters	2.83	32.1	0.6 in/h

### VALVE SCHEDULE - South Side Irrigation System

VALVE STATION	VALVE SIZE	IRRIGATION TYPE	FLOW (GPM)	PSI	PRECIP RATE
B1	1"	Area for Drip Emitters	4.13	33.3	1.81 in/h
B2	1"	Area for Drip Emitters	2.4	32.0	0.97 in/h
B3	1"	Area for Drip Emitters	2.63	32.1	0.62 in/h
B4	1"	Area for Drip Emitters	3.23	32.6	0.5 in/h



### Key Map



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Irrigation Plan  
**Ogden Airport Expansion**  
3909 Airport Road  
Ogden, Utah



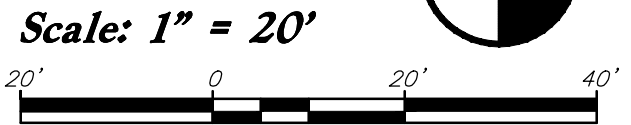
11 Nov, 2022

SHEET NO.  
**L2.1**



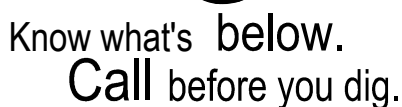
Deductive  
(Alternate #1)





## **Irrigation Notes**

1. See Sheet L1.1 and L11.2 for Plant Layout and Sheet L1.3 for Planting Details.
2. See Sheet L2.2 and L2.3 for Irrigation Details.
3. The Two Existing Irrigation Systems Shall Remain and be Modified to Keep Systems Functional During All Stages of Construction to Keep Existing Lawn Alive. Retrofit Systems for New Drip Valves and Utilize Existing Wires.





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General Contractor



Stacey Construction  
Construction Manager  
General Contractor  
3768 Pacific Ave.  
Ogden, UT 84405  
801.621.6210  
www.staceycg.com

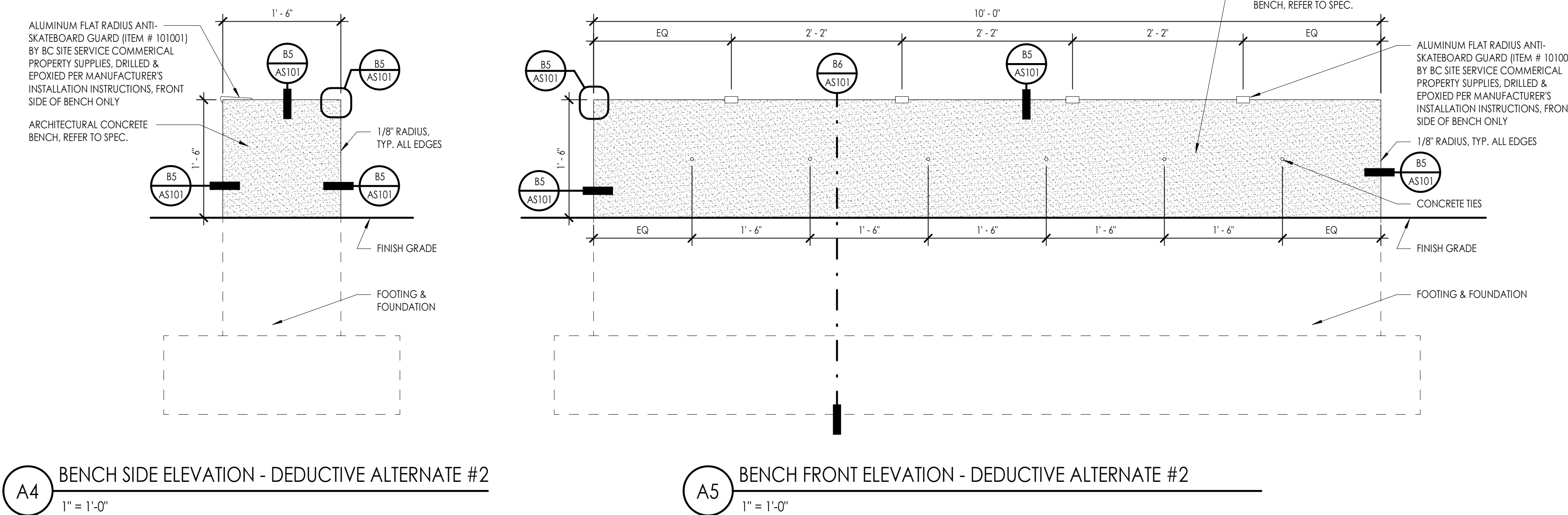
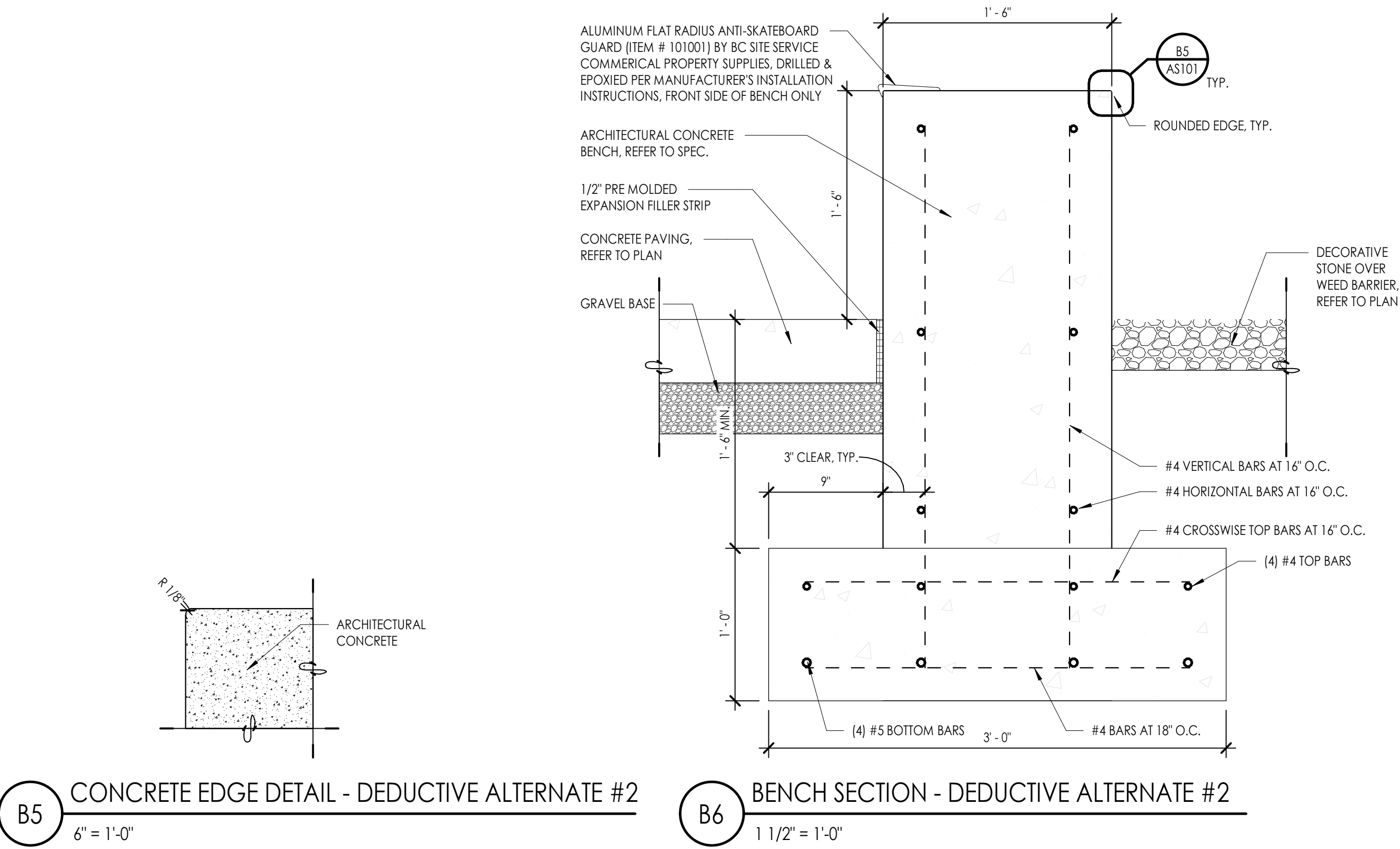
Consultant

OGDEN-HINCKLEY AIRPORT  
TERMINAL EXPANSION  
3909 AIRPORT ROAD  
OGDEN, UT 84405

Project Name		
OGDEN-HINCKLEY AIRPORT TERMINAL EXPANSION		
Issued		
No.	Date	Description
1	11-15-2022	BID SET
Revision		
No.	Date	Description

SAA Project No. 2021-10  
Drawing Title  
ARCHITECTURAL SITE  
DETAILS - DEDUCTIVE  
ALTERNATE #2  
Sheet Number

AS101





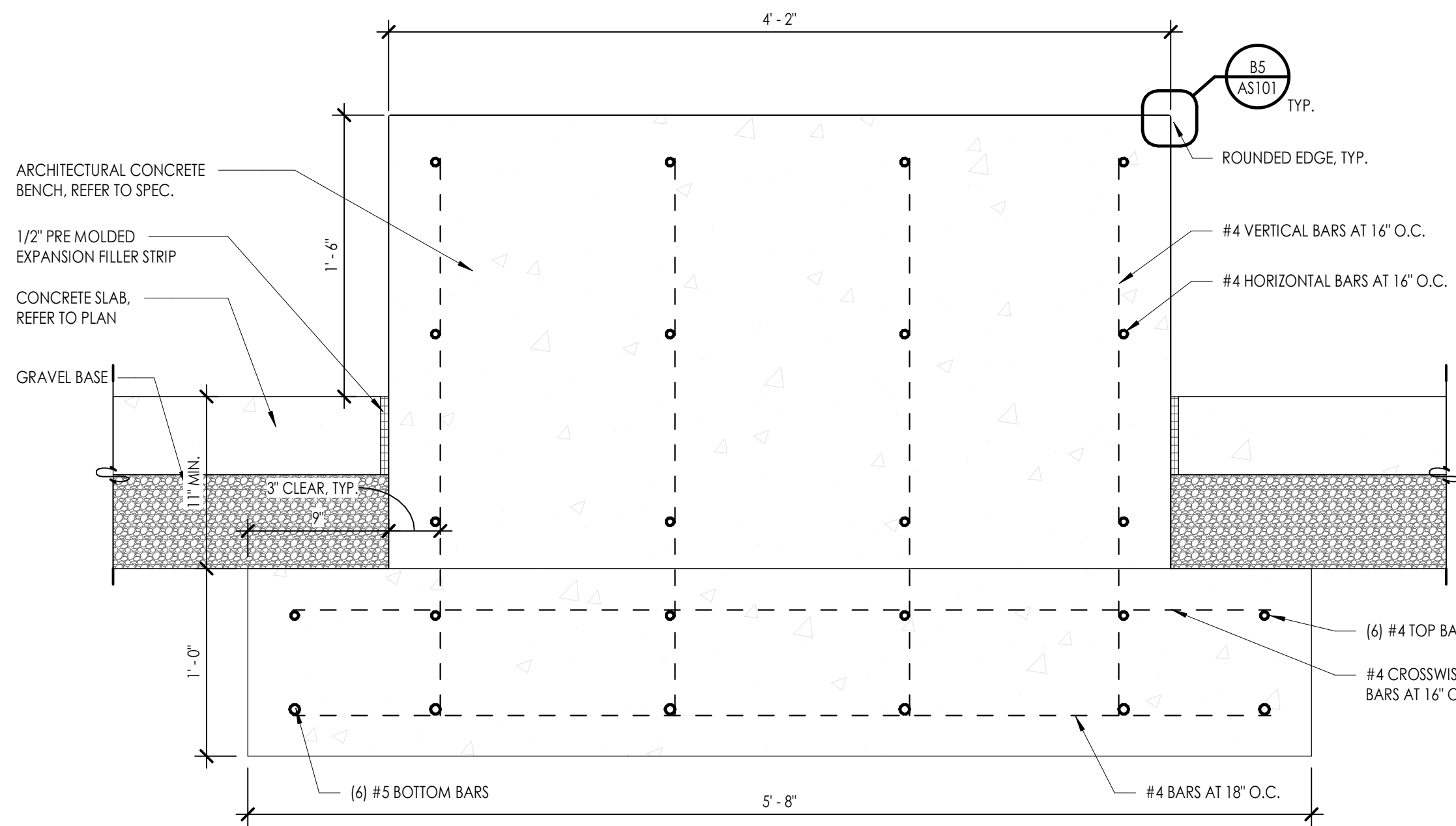
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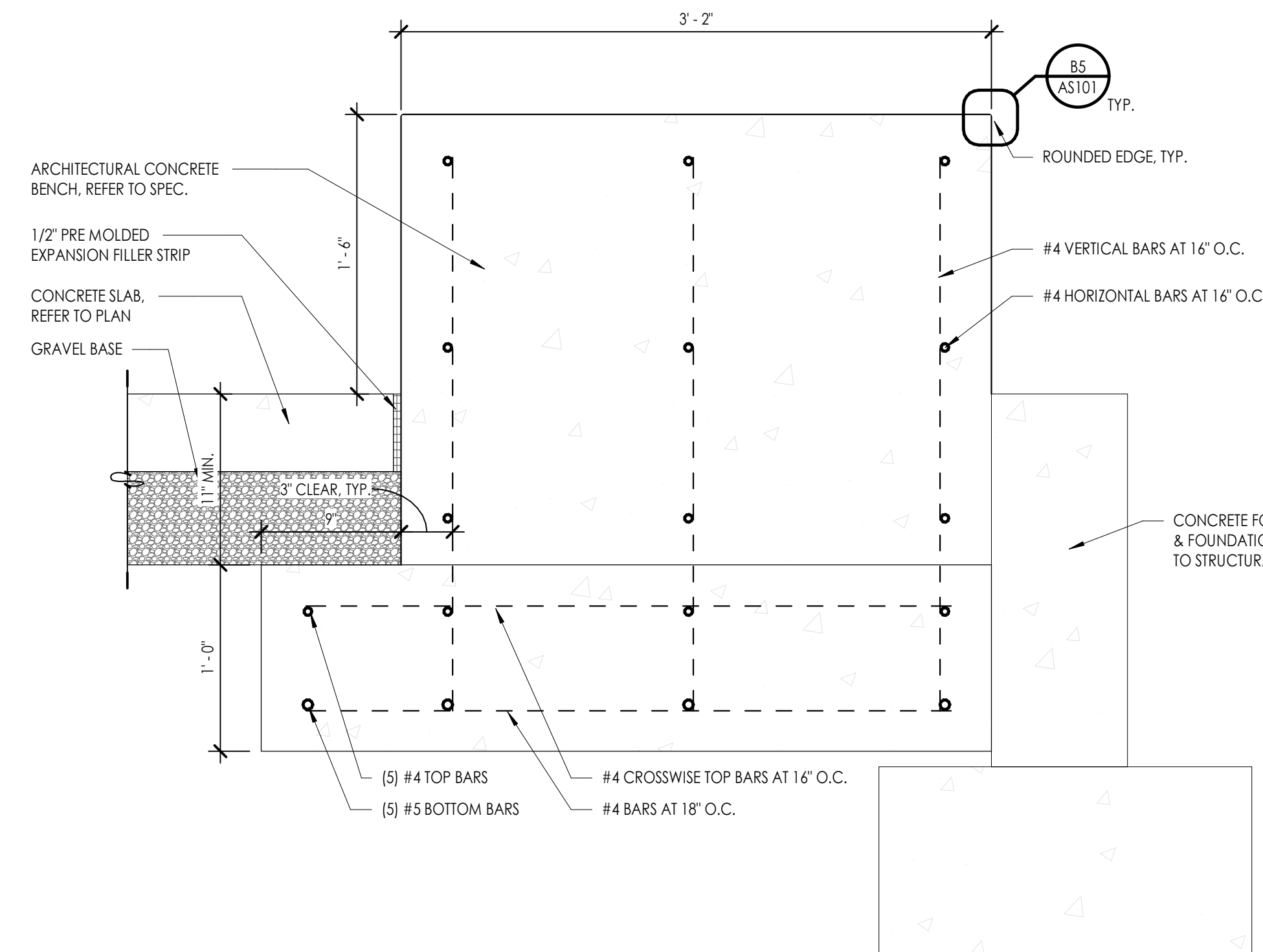
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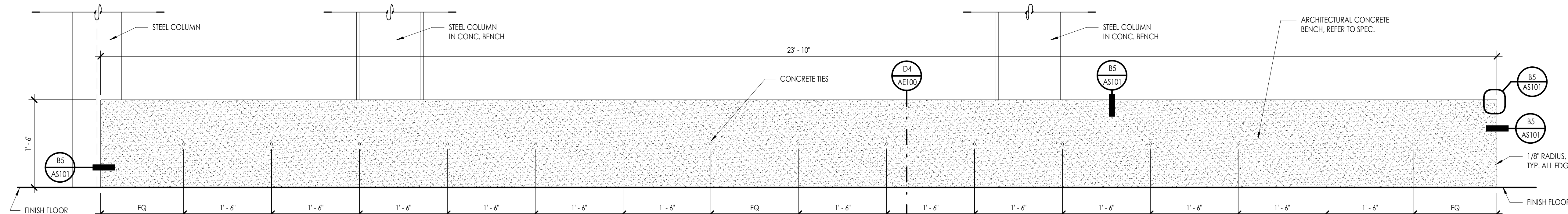
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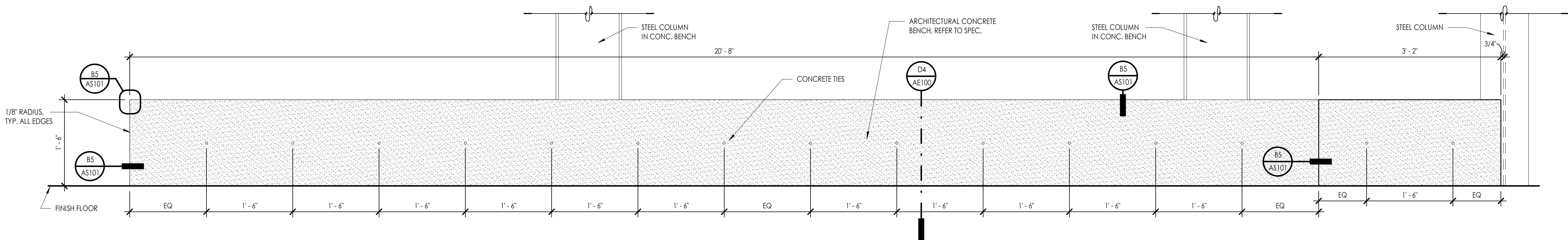
D4 BENCH SECTION  
1 1/2" = 1'-0"



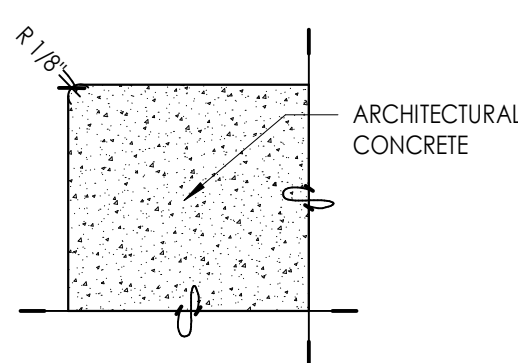
D5 BENCH SECTION  
1 1/2" = 1'-0"



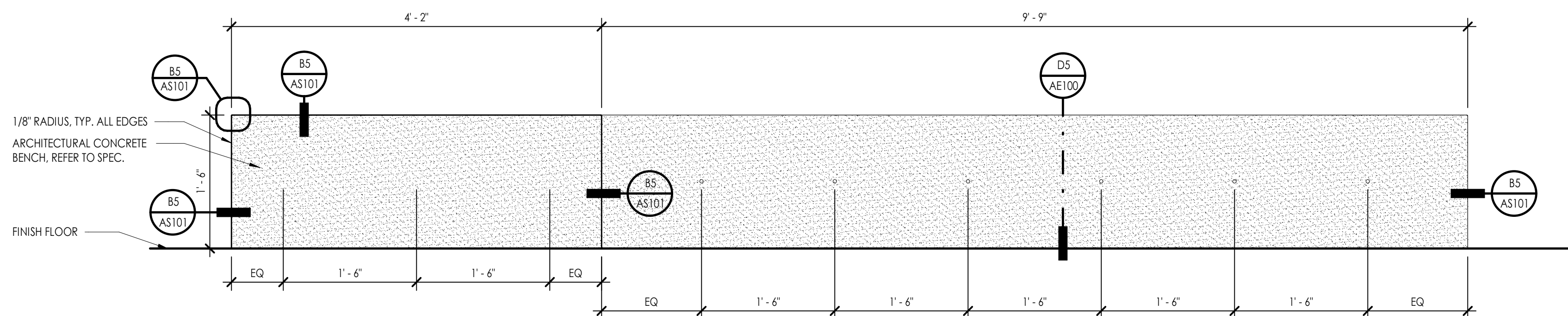
C4 BENCH ELEVATION  
1" = 1'-0"



B4 BENCH ELEVATION  
1" = 1'-0"



A3 INTERIOR CONCRETE BENCH EDGE DETAIL  
6" = 1'-0"



A5 BENCH SIDE ELEVATION  
1" = 1'-0"

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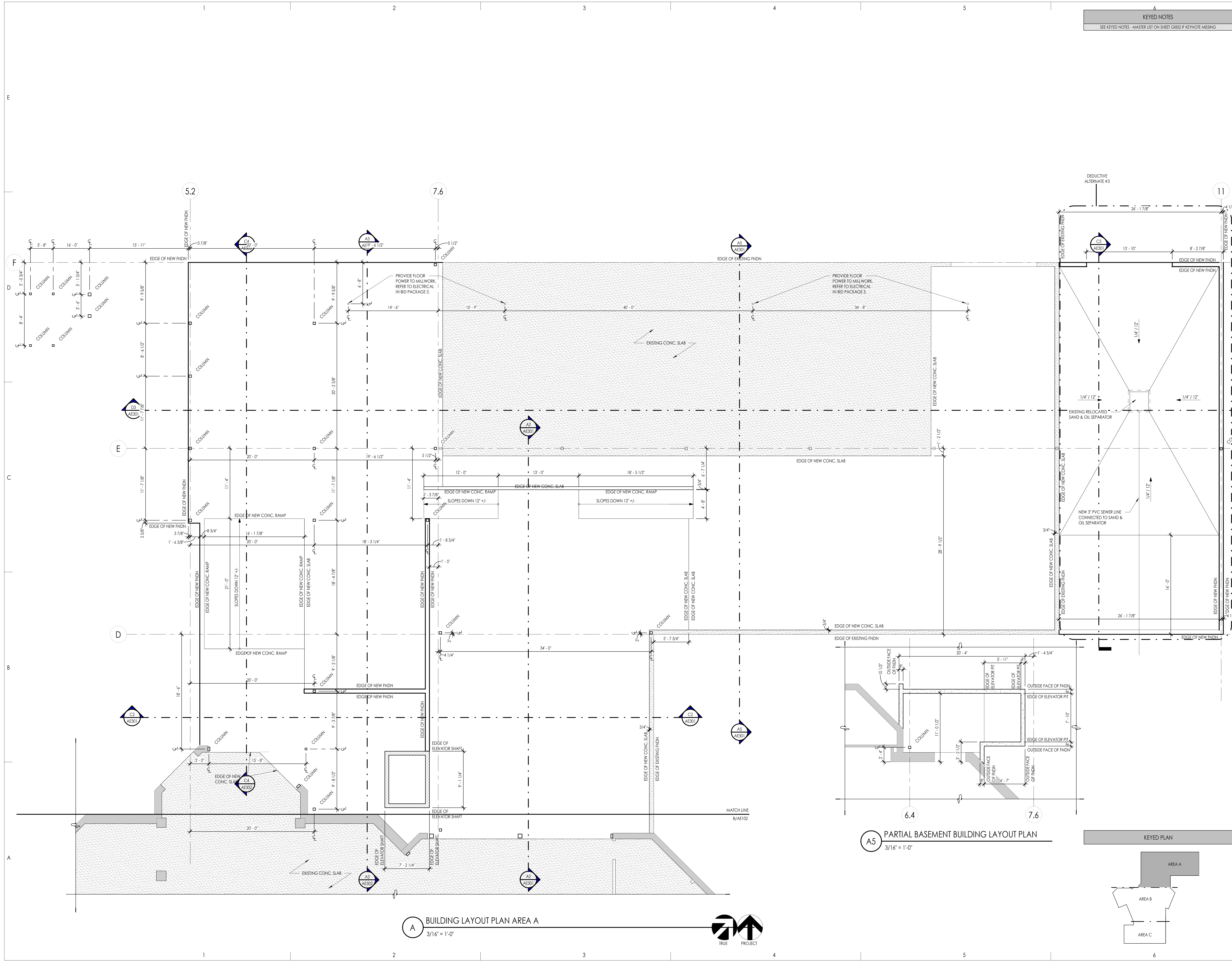
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KEYED NOTES		
SEE KEYED NOTES - MASTER LIST ON SHEET G002 IF KEYNOTE MISSING		

SAA

SANDERS ASSOCIATES ARCHITECTS

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STATE OF UTAH

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No. 6826553

10-26-74

LICENSED ARCHITECT

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Consultant

OGDEN-HINCKLEY AIRPORT

TERMINAL EXPANSION

3909 AIRPORT ROAD

OGDEN, UT 84405

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No.	Date	Description

SAA Project No. 2021-10  
Drawing Title

BUILDING LAYOUT PLAN  
AREA A

Sheet Number

AE101





A

SAA Project No.	2021-10
Drawing Title	

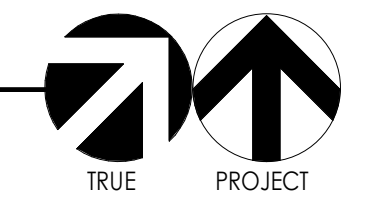
Sheet Number \_\_\_\_\_

KEYED PLAN

AREA A

AREA B

AREA C

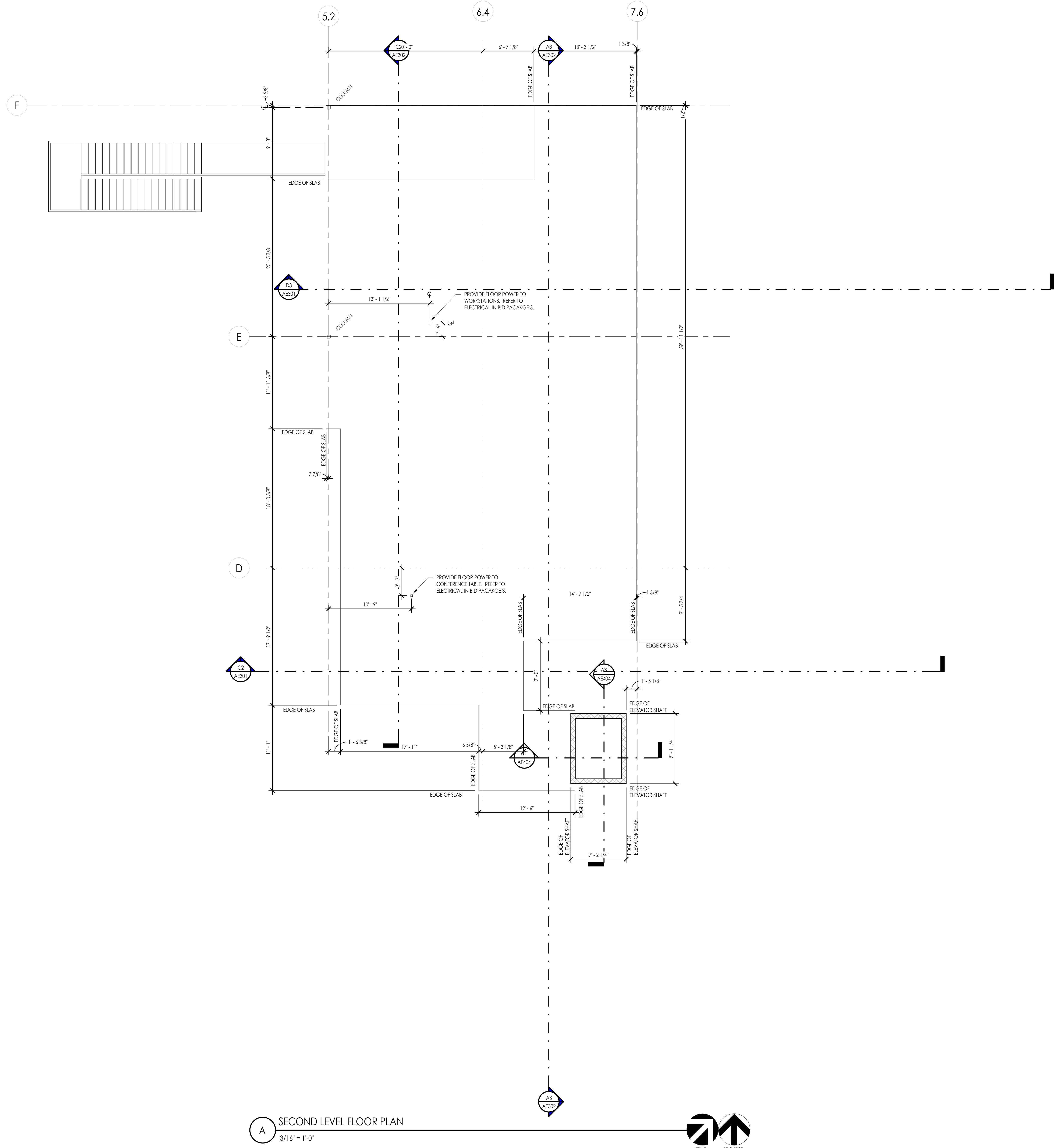




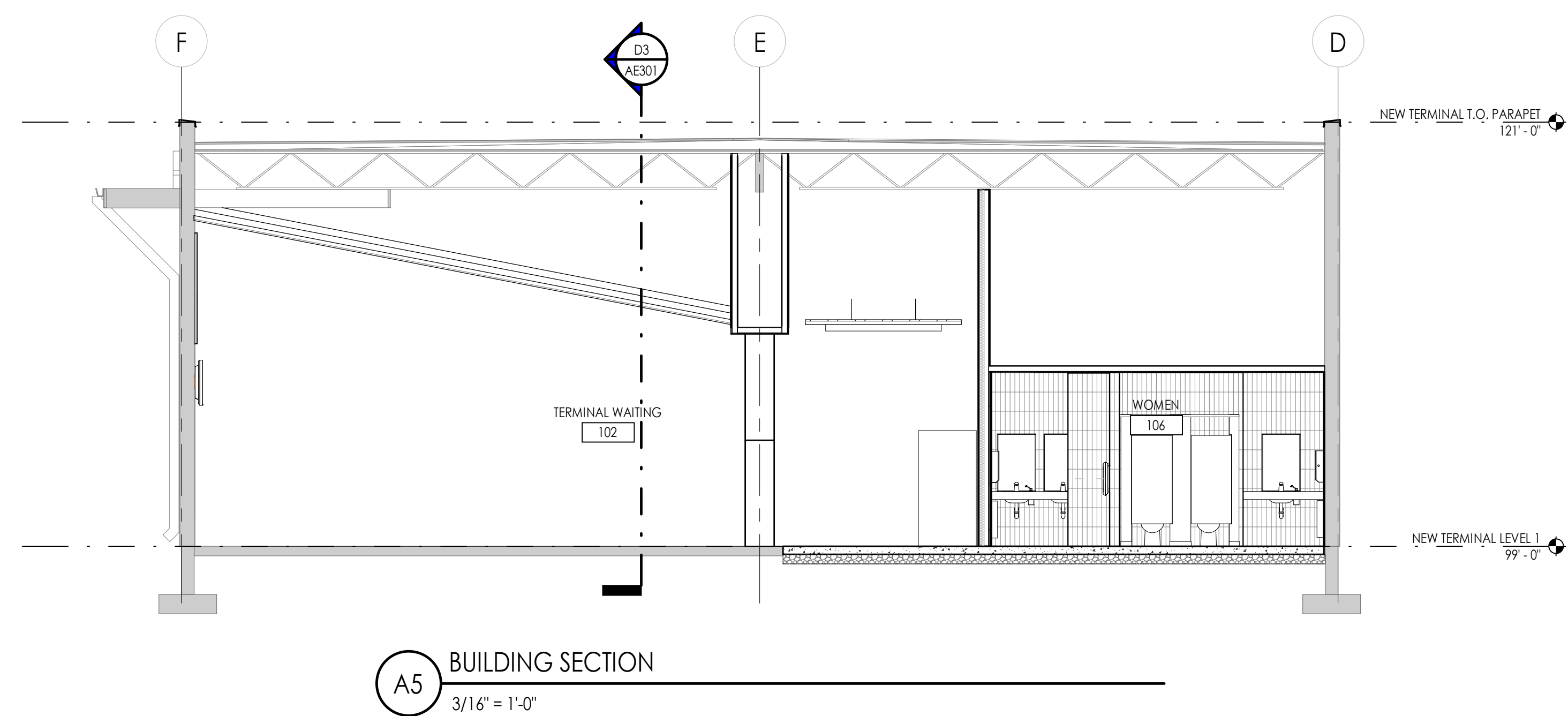
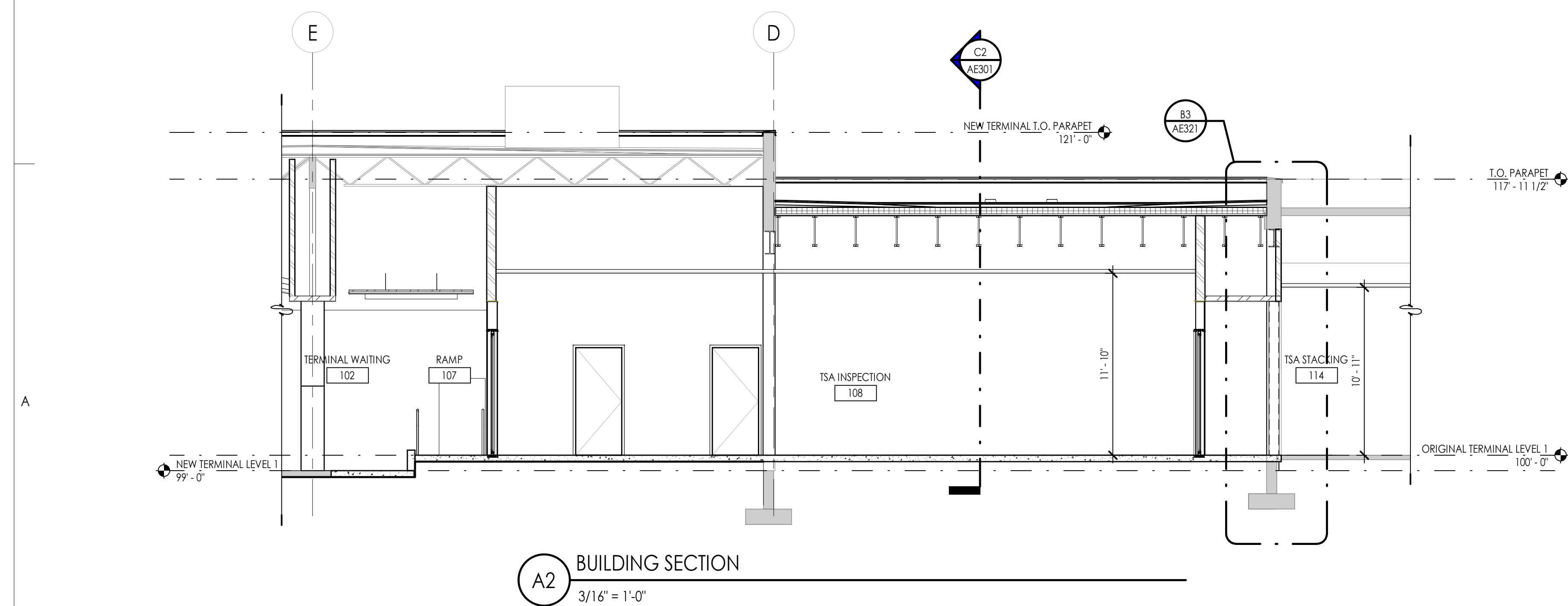
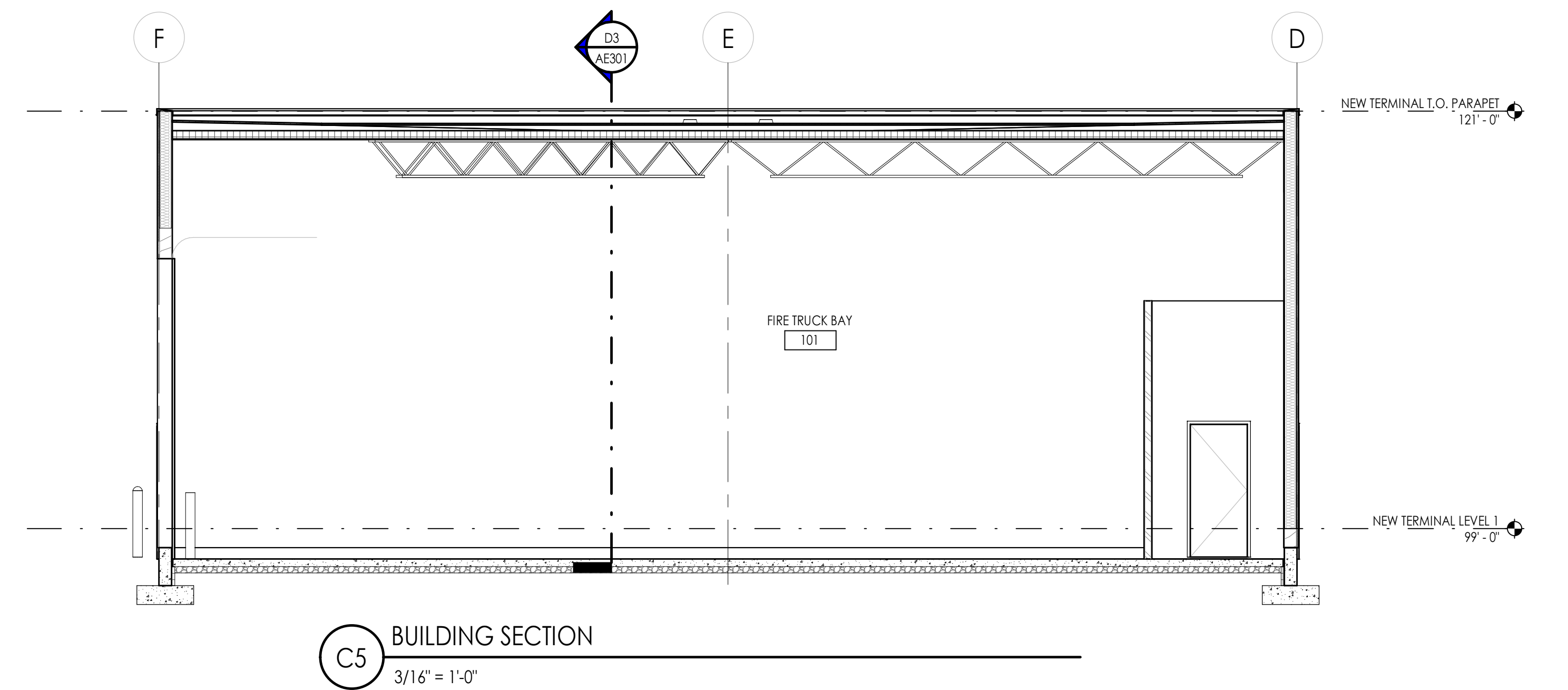
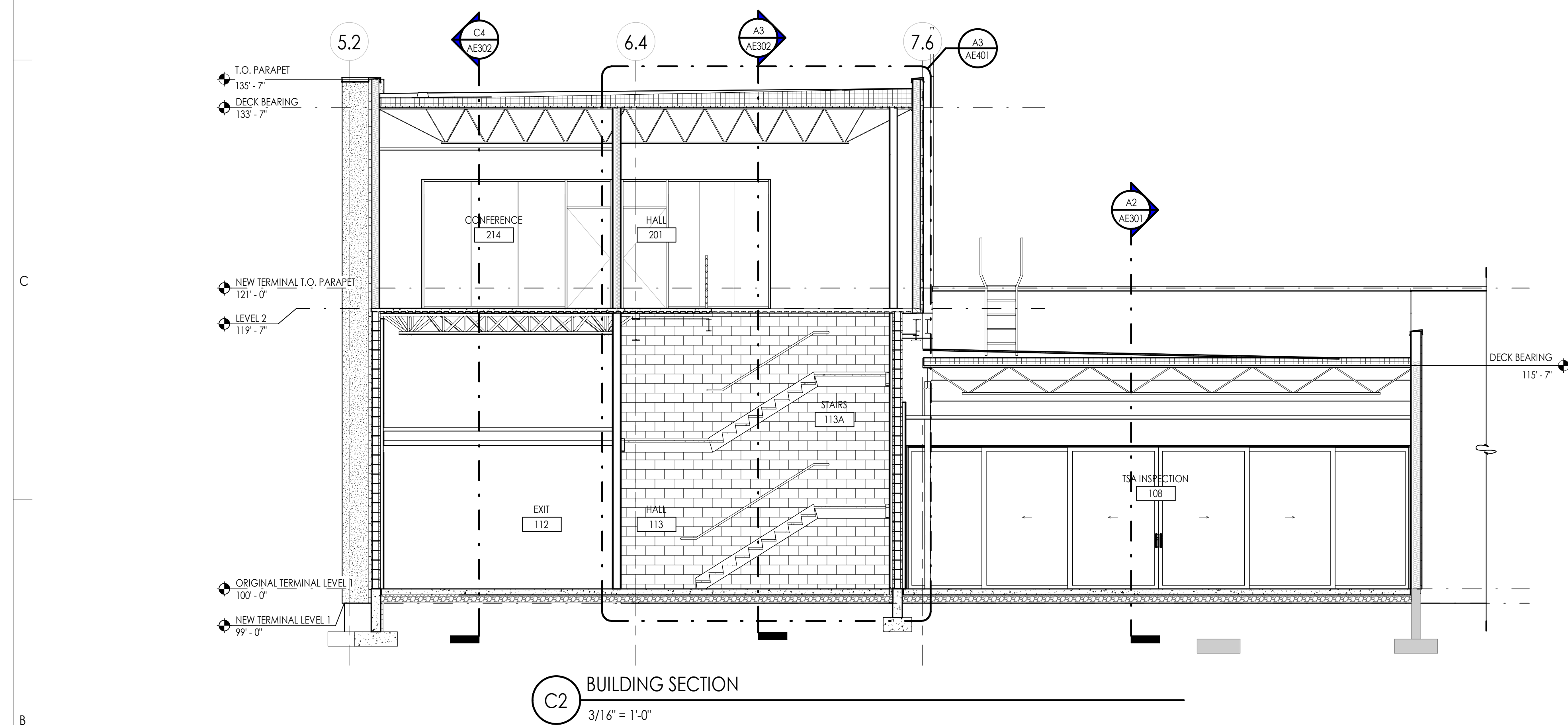
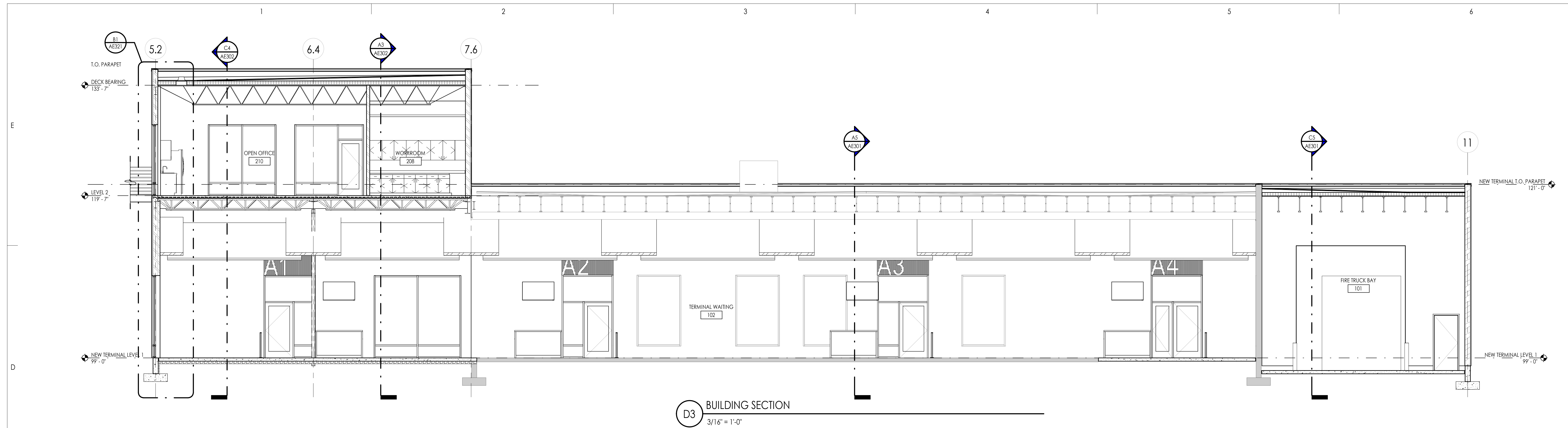
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SAA Project No.	2021-10
Drawing Title	
BUILDING LAYOUT PLAN AREA C	
Sheet Number	
AE103	









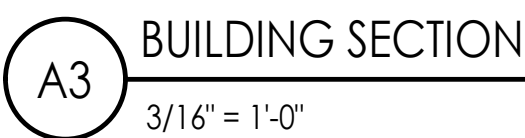
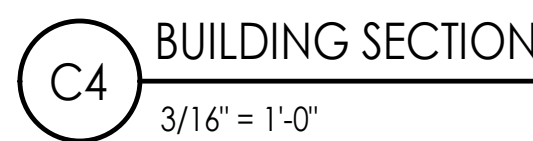
FOR REFERENCE ONLY



SA Project No.	2021-10
Drawing Title	

Sheet Number

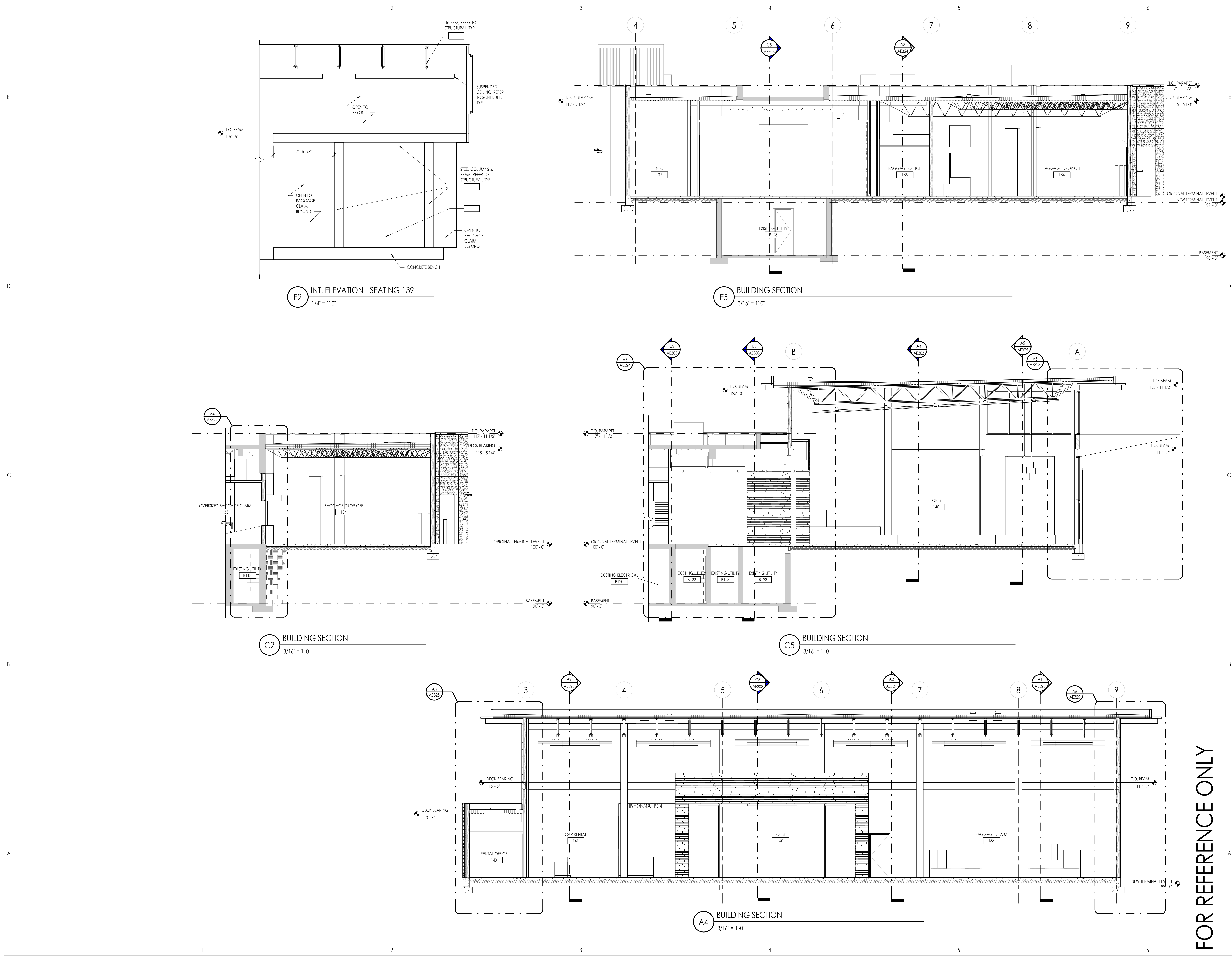
FOR REFERENCE ONLY



General Contractor

Consultant





SAA

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No. 6626553

10-26-74

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OGDEN-HINCKLEY AIRPORT

TERMINAL EXPANSION

3909 AIRPORT ROAD

OGDEN, UT 84405

Project Name

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Drawing Title

No.	Date	Description
1	11-15-2022	BID SET

No.	Date	Description

SAA Project No. 2021-10

Building Sections  
(FOR REFERENCE ONLY)

Sheet Number

AE303

FOR REFERENCE ONLY

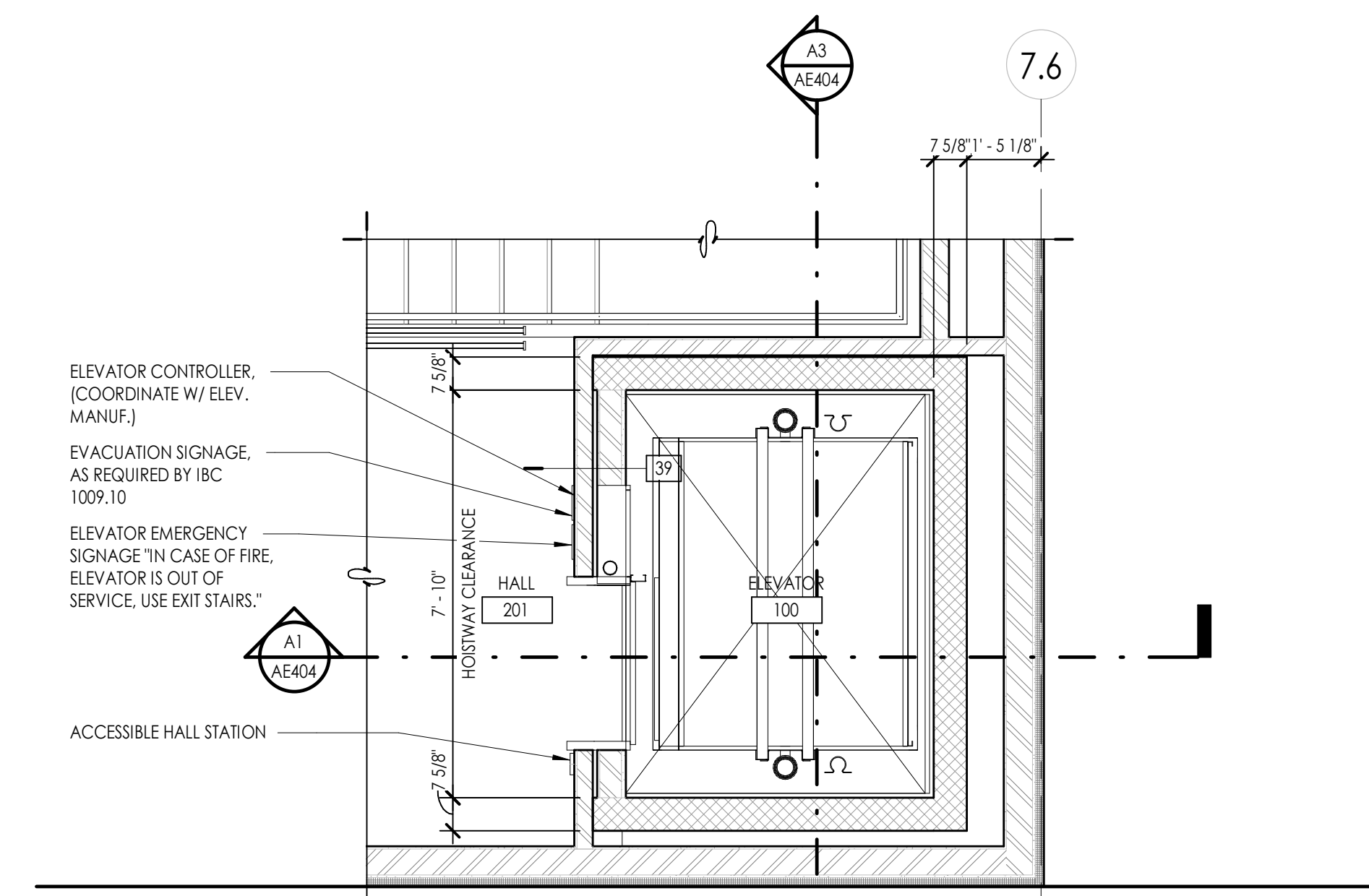


Project Name: OGDEN-HINCKLEY AIRPORT  
Terminal Expansion  
3909 Airport Road  
Ogden, HI 96065

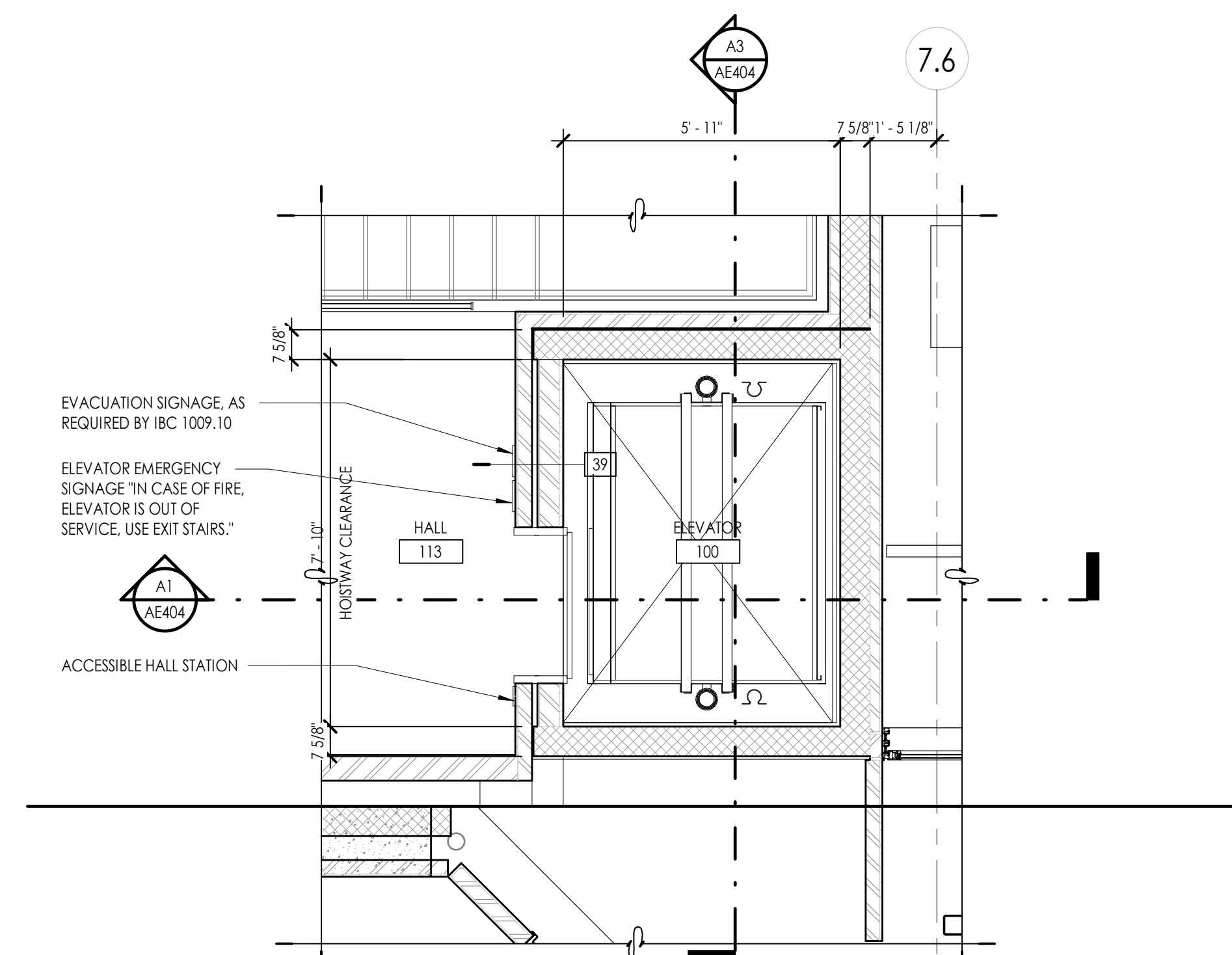
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SECTIONS (FOR  
REFERENCE ONLY)

Sheet Number

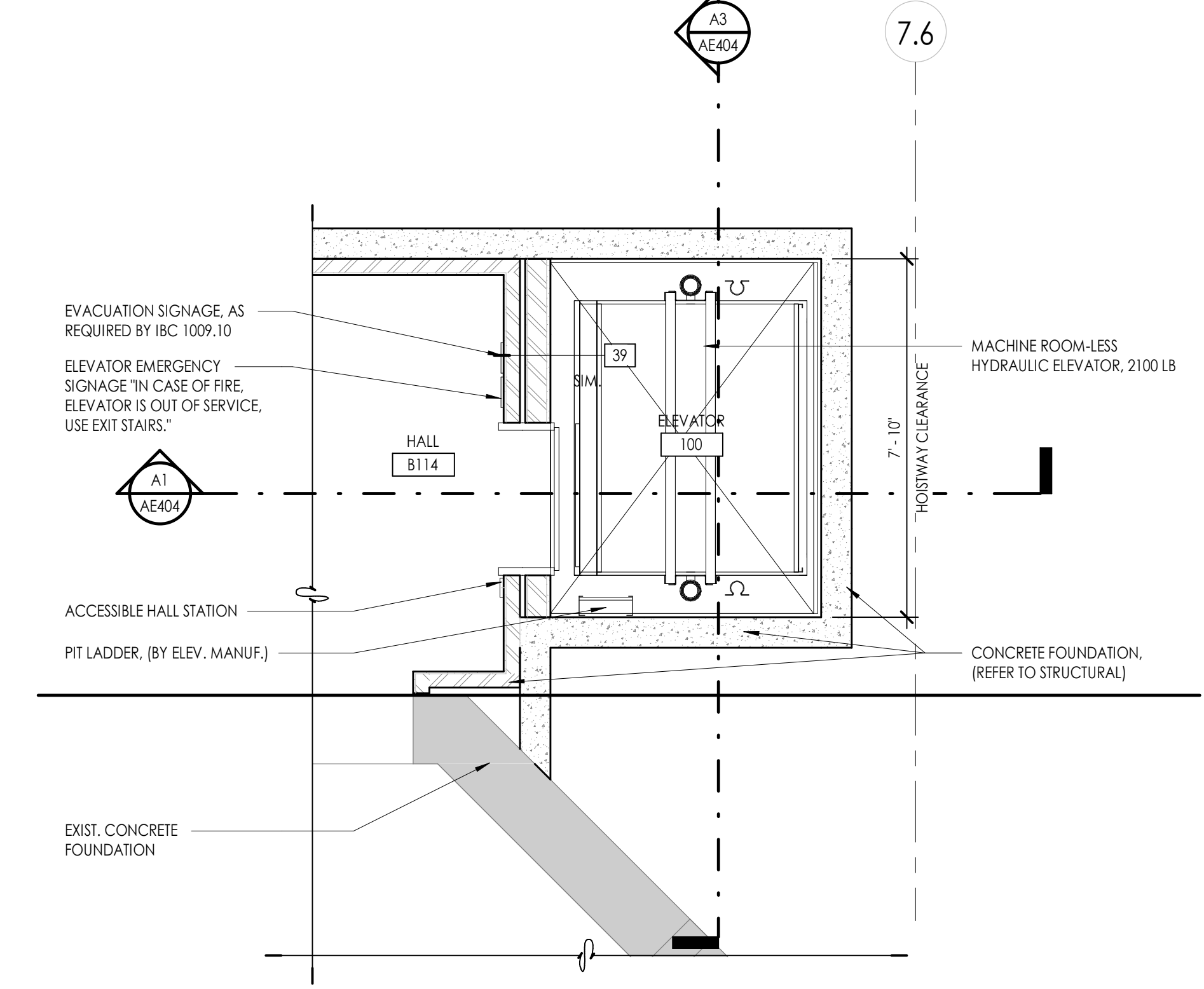
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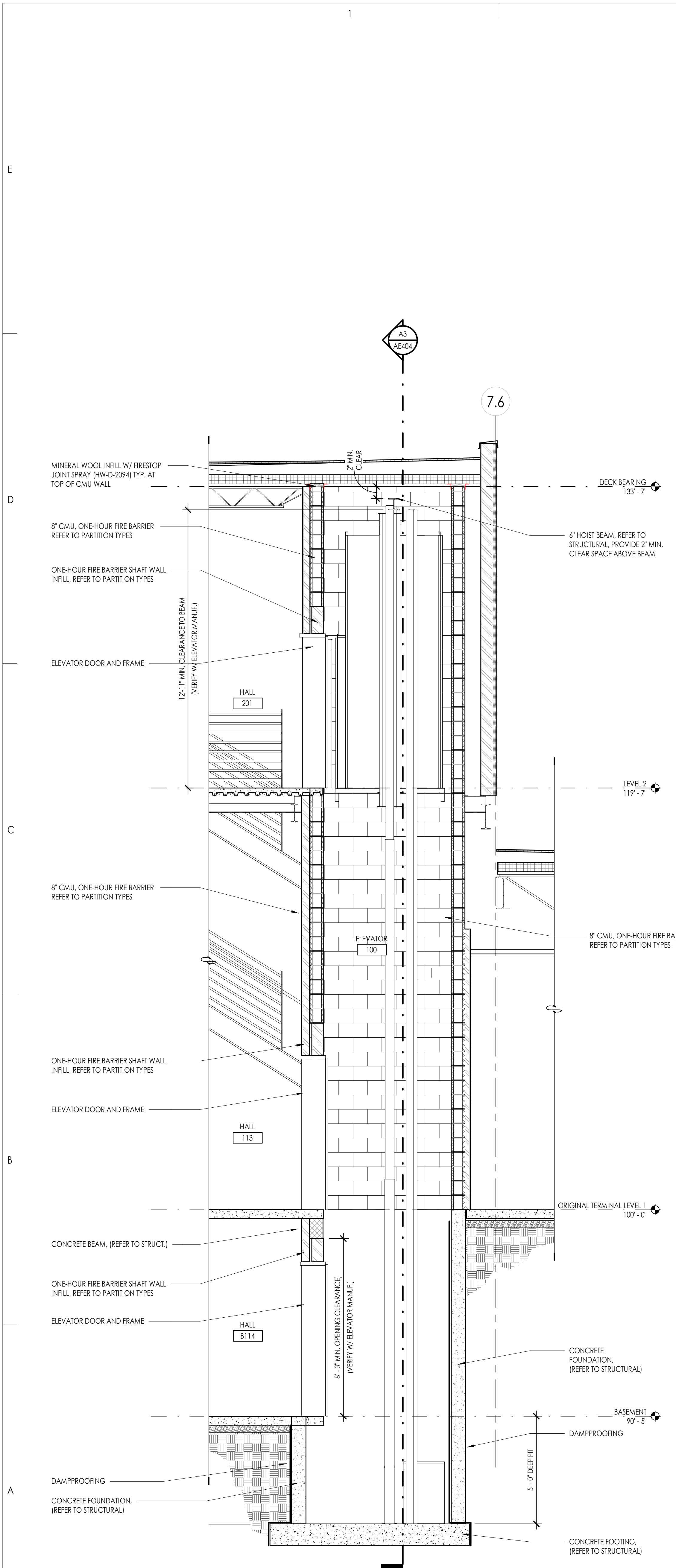
D5 SECOND FLOOR ELEVATOR PLAN  
3/8" = 1'-0"



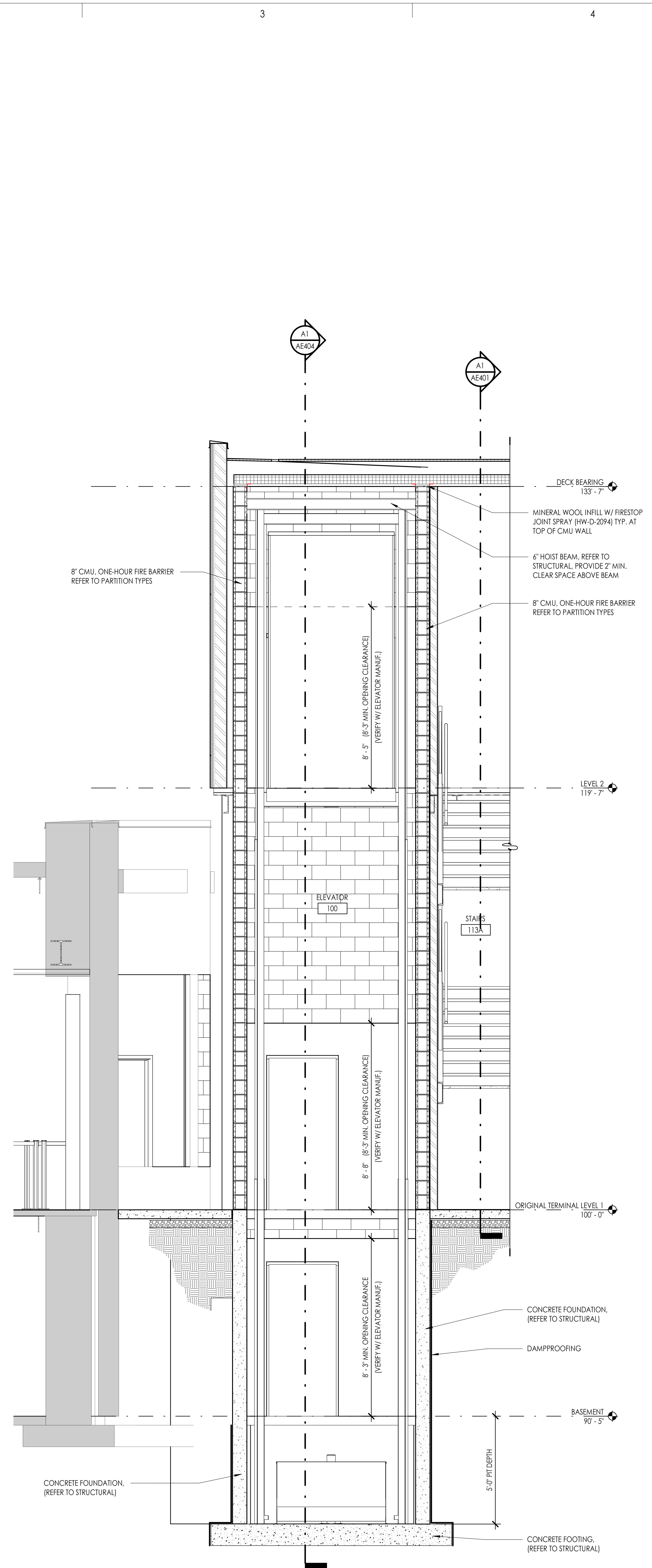
B5 MAIN LEVEL ELEVATOR PLAN  
3/8" = 1'-0"



A5 BASEMENT ELEVATOR PLAN  
3/8" = 1'-0"



A1 ELEVATOR SECTION  
3/8" = 1'-0"



A3 ELEVATOR SECTION

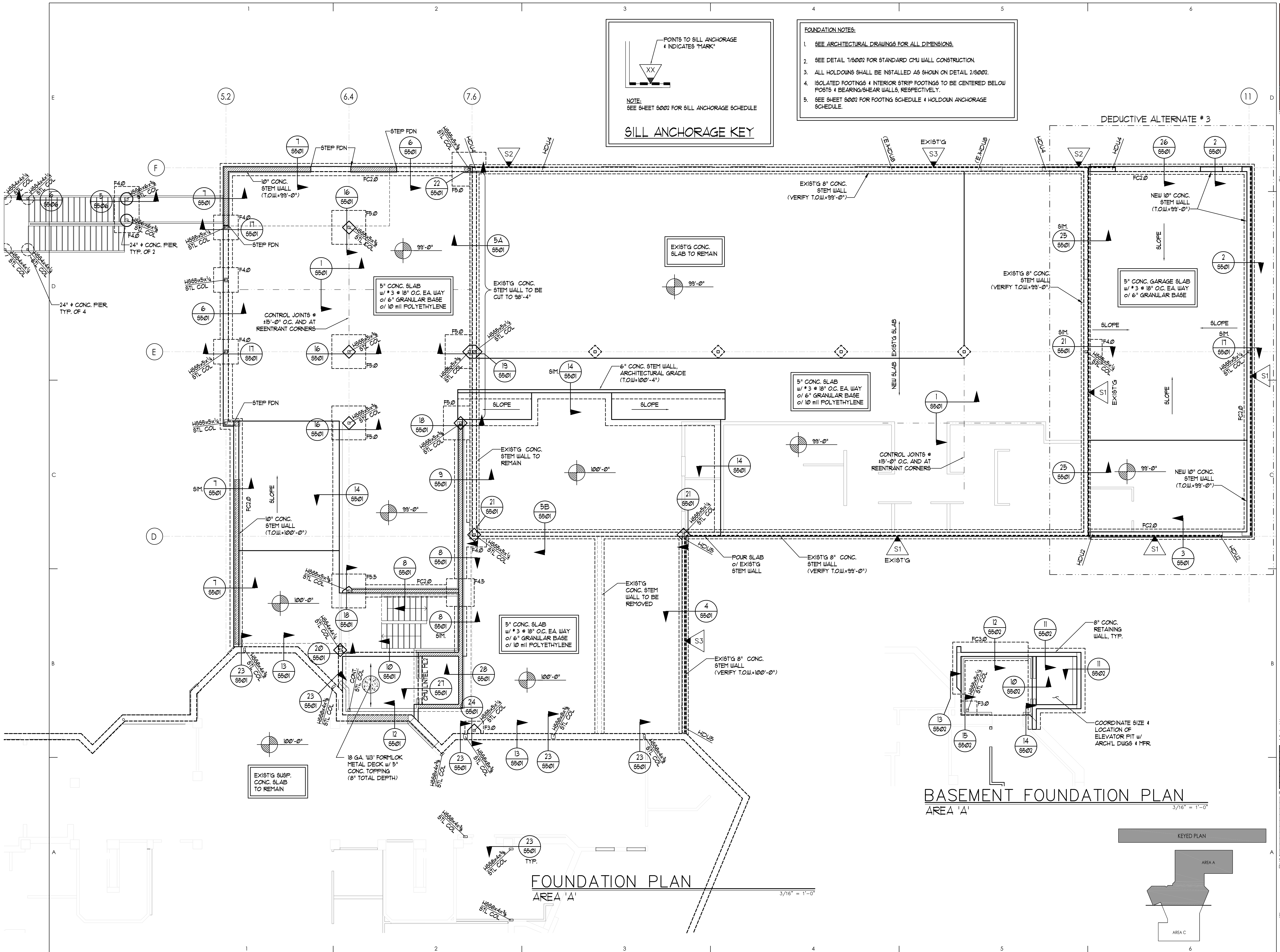




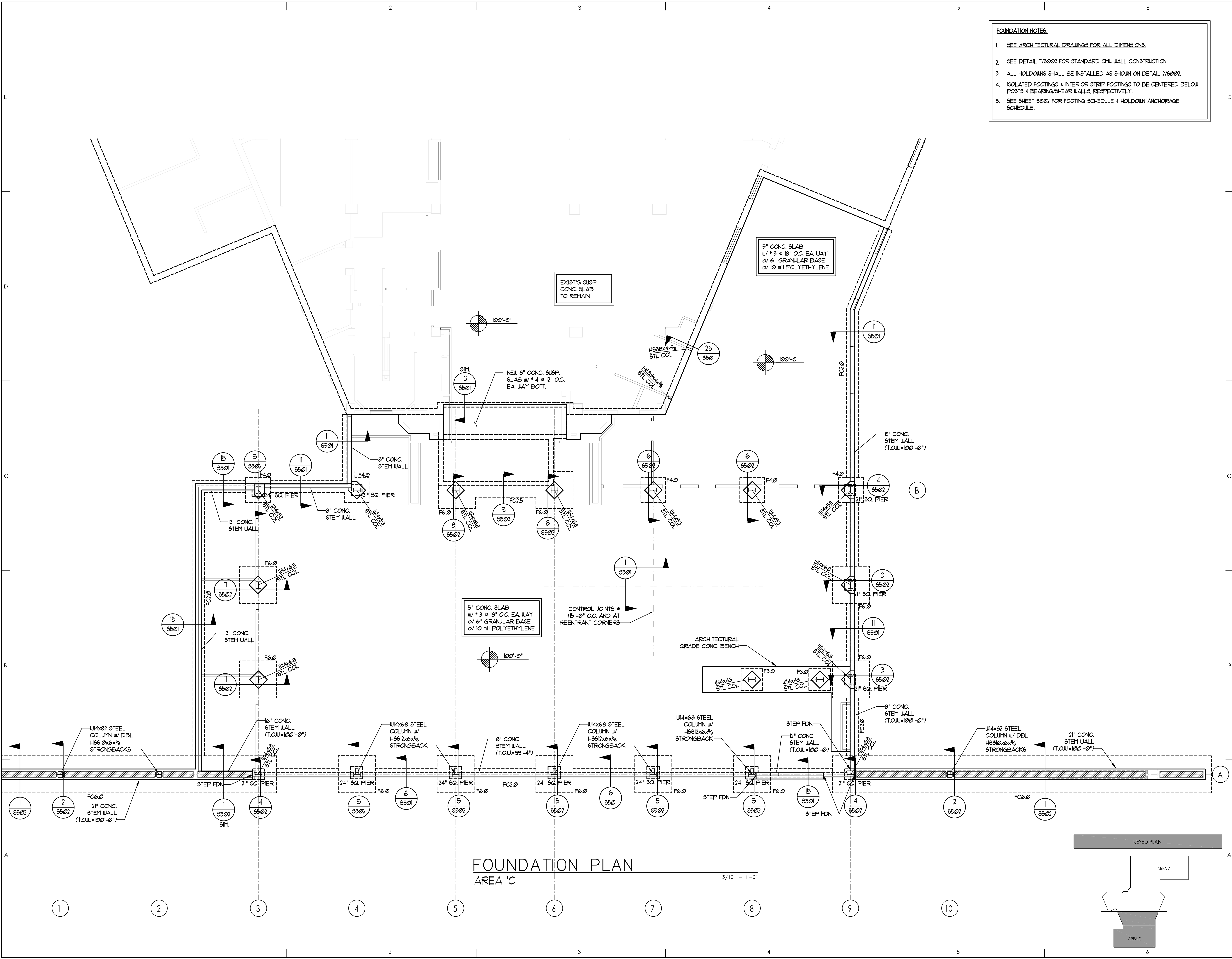












- FOUNDATION NOTES:**
- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
  - SEE DETAIL 7/6002 FOR STANDARD CMU WALL CONSTRUCTION.
  - ALL HOLDOWNS SHALL BE INSTALLED AS SHOWN ON DETAIL 2/6002.
  - ISOLATED FOOTINGS & INTERIOR STRIP FOOTINGS TO BE CENTERED BELOW POSTS & BEARING/SHEAR WALLS, RESPECTIVELY.
  - SEE SHEET 6002 FOR FOOTING SCHEDULE & HOLDOWN ANCHORAGE SCHEDULE.

**SAA**  
SANDERS ASSOCIATES ARCHITECTS  
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11-14-2022

Consultant

**VECTOR**  
LARRY LITTON  
(801) 587-0254

**OGDEN-HINCKLEY AIRPORT  
TERMINAL EXPANSION**  
3909 AIRPORT ROAD  
OGDEN, UT 84405

Project Name

No.	Date	Description
1	11-14-22	BLDG DEPT SUBMITTAL

Revision

No.	Date	Description

SAA Project No. 2021-10  
Drawing Title

**FOUNDATION PLAN**

Sheet Number

**S102**







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No.	Date	Description
1	11-14-22	BLDG DEPT SUBMITTAL

Revision		
No.	Date	Description

SAA Project No. 2021-10  
Drawing Title

LOW ROOF FRAMING PLAN

Sheet Number

**S202**

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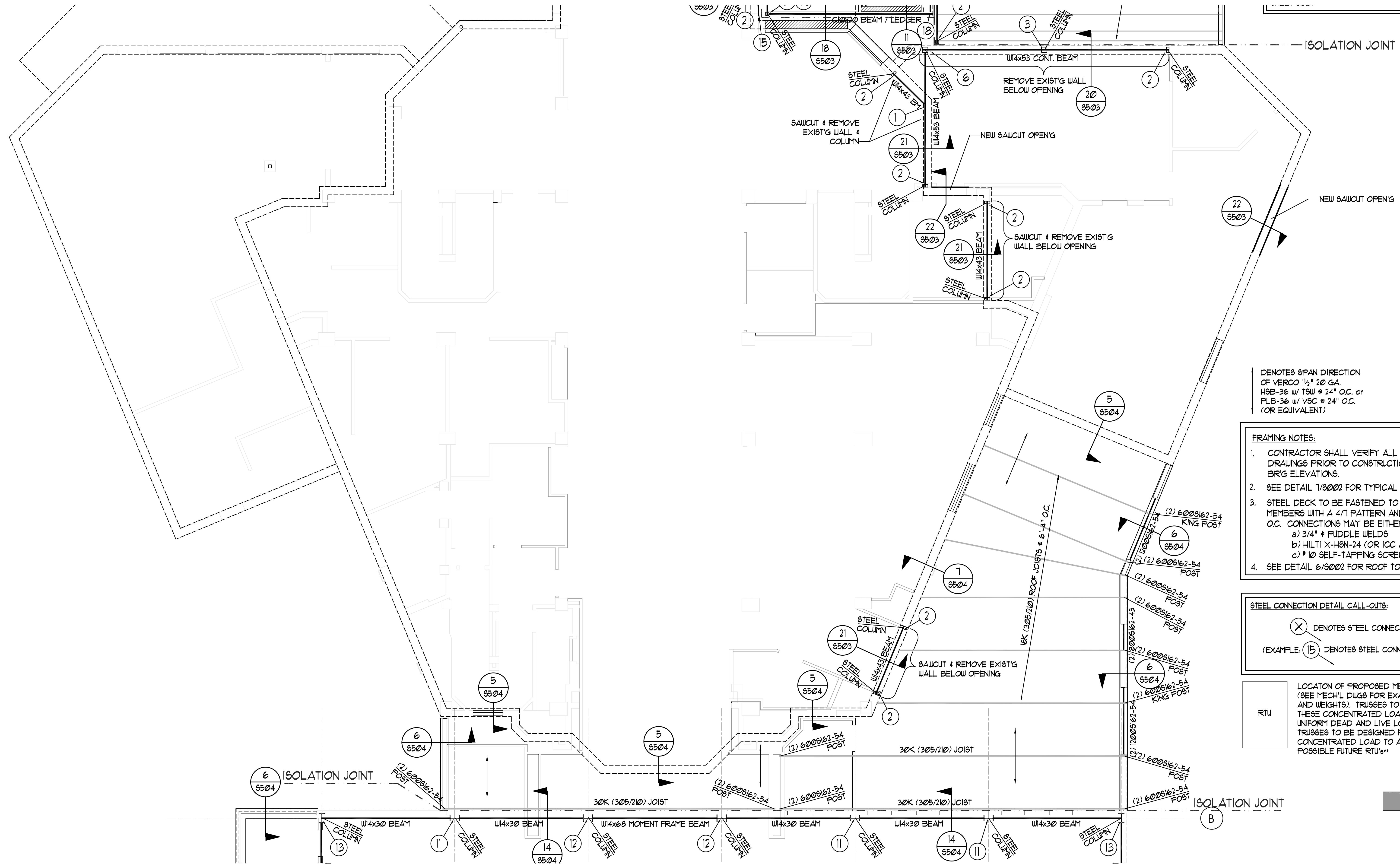
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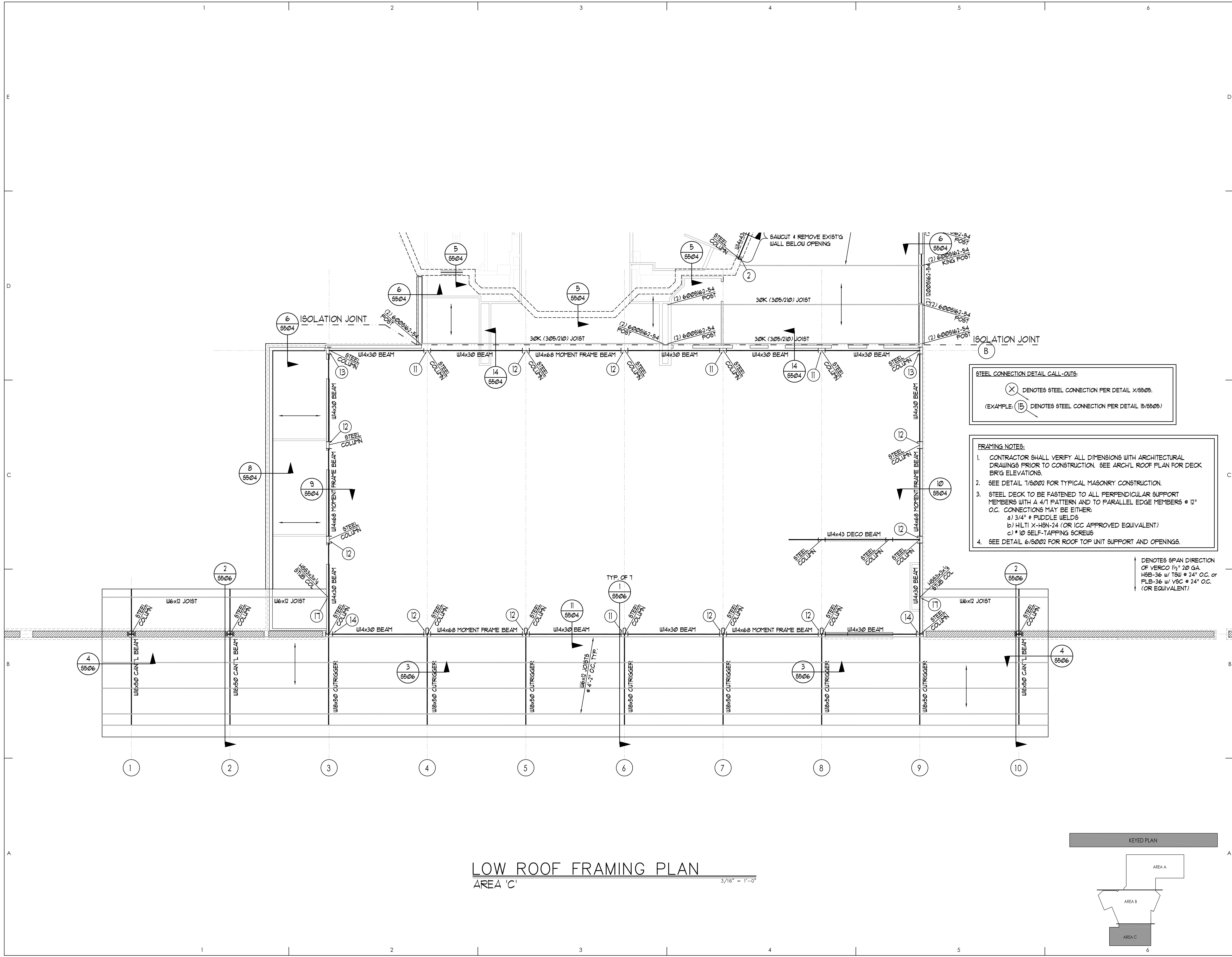


**LOW ROOF FRAMING PLAN**

AREA 'B'

3/16" = 1'-0"





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11-14-2022

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**VECTOR**  
LARRY L. VANCE  
(801) 587-0054

**OGDEN-HINCKLEY AIRPORT**  
**TERMINAL EXPANSION**  
3909 AIRPORT ROAD  
OGDEN, UT 84405

Project Name

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No.	Date	Description
1	11-14-22	BLDG DEPT SUBMITTAL

Revision		
No.	Date	Description

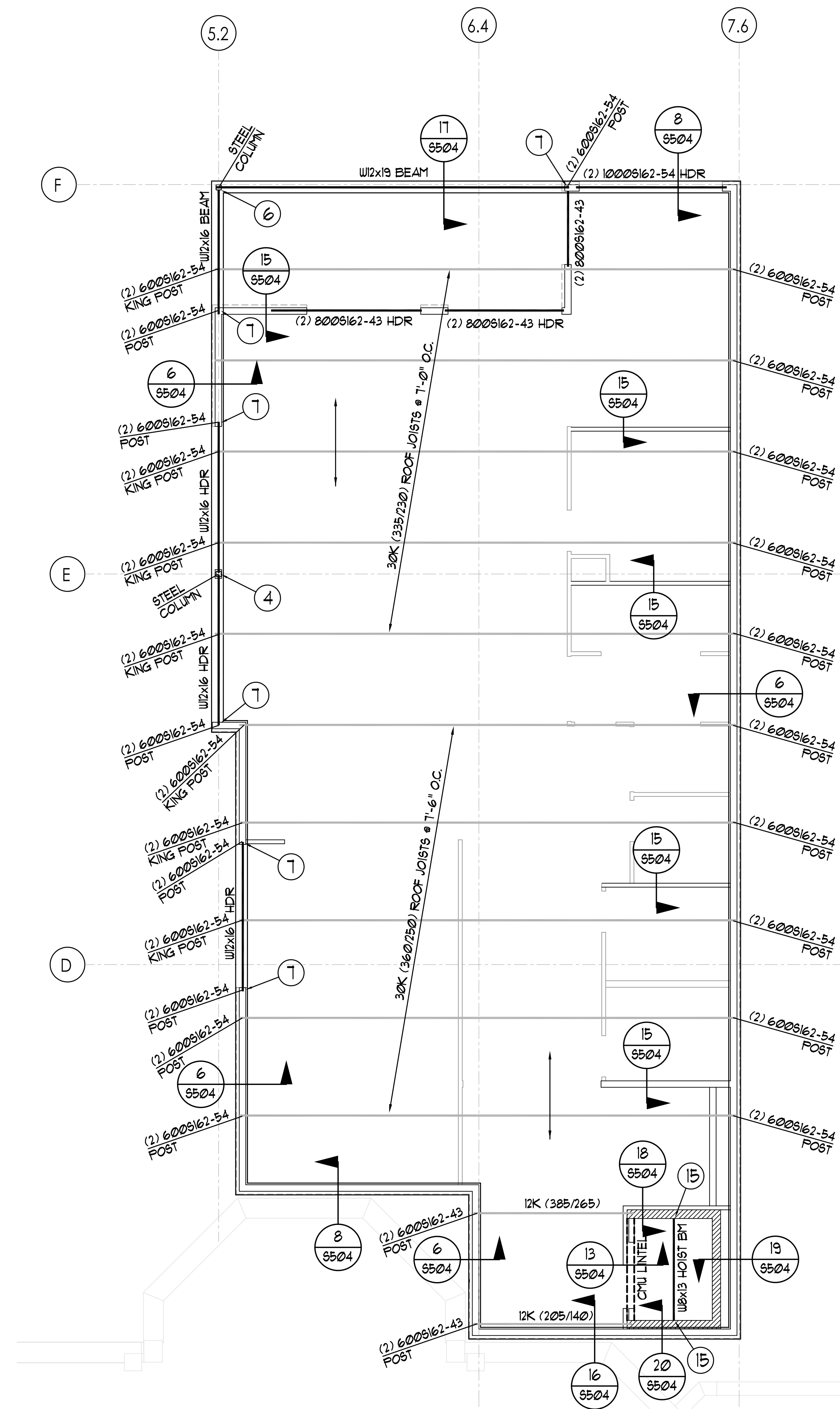
SAA Project No. 2021-10  
Drawing Title

**LOW ROOF FRAMING PLAN**

Sheet Number

**S203**





↑ DENOTES SPAN DIRECTION  
OF VERCO 1½" 20 GA.  
HSB-36 w/ TSW @ 24" O.C. or  
FLB-36 w/ VSC @ 24" O.C.  
↑ (OR EQUIVALENT)

RTU

LOCATION OF PROPOSED MECHANICAL UNITS  
(SEE MECH'L DWGS FOR EXACT LOCATIONS  
AND WEIGHTS). TRUSSES TO BE DESIGNED FOR  
THESE CONCENTRATED LOADS IN ADDITION TO  
UNIFORM DEAD AND LIVE LOADS. "ALL  
TRUSSES TO BE DESIGNED FOR A 300 lb.  
CONCENTRATED LOAD TO ACCOUNT FOR  
POSSIBLE FUTURE RTU'S"

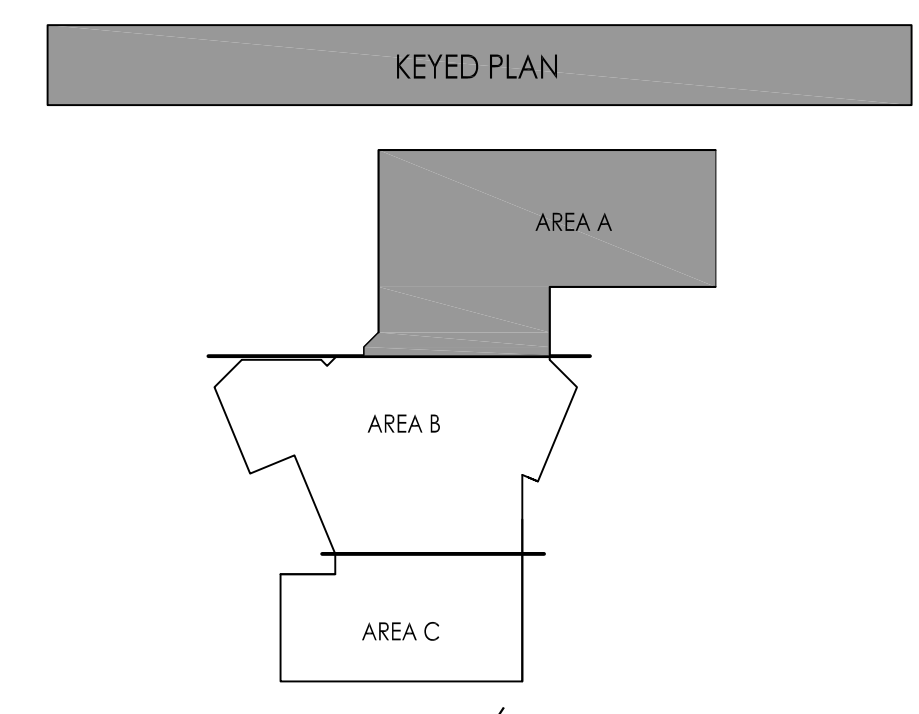
FRAMING NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. SEE ARCH'L ROOF PLAN FOR DECK BRG ELEVATIONS.
2. SEE DETAIL 1/6002 FOR TYPICAL MASONRY CONSTRUCTION.
3. STEEL DECK IS TO FASTENED TO ALL PERPENDICULAR SUPPORT MEMBERS WITH A 4/1 PATTERN AND TO PARALLEL EDGE MEMBERS @ 12" O.C. CONNECTIONS MAY BE EITHER:
  - a) 3/4" x PUDDLE WELDS
  - b) HILTI X-HSN-24 (OR ICC APPROVED EQUIVALENT)
  - c) #10 SELF-TAPPING SCREWS
4. SEE DETAIL 6/5002 FOR ROOF TOP UNIT SUPPORT AND OPENINGS.

STEEL CONNECTION DETAIL CALL-OUTS:

(X) DENOTES STEEL CONNECTION PER DETAIL X/5505.  
(EXAMPLE: 15) DENOTES STEEL CONNECTION PER DETAIL 15/5505)

## HIGH ROOF FRAMING PLAN

$$\overline{3/16'' = 1'-0''}$$


Project Name  
**OGDEN-HINCKLEY AIRPORT**  
**TERMINAL EXPANSION**  
3909 AIRPORT ROAD  
OGDEN, UT 84405

Issued		
No.	Date	Description
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AA Project No.	2021-10
Drawing Title	

## HIGH ROOF FRAMING PLAN

Sheet Number

S204



Issued	No.	Date	Description
	1	11-14-22	BLDG DEPT SUBMITTAL

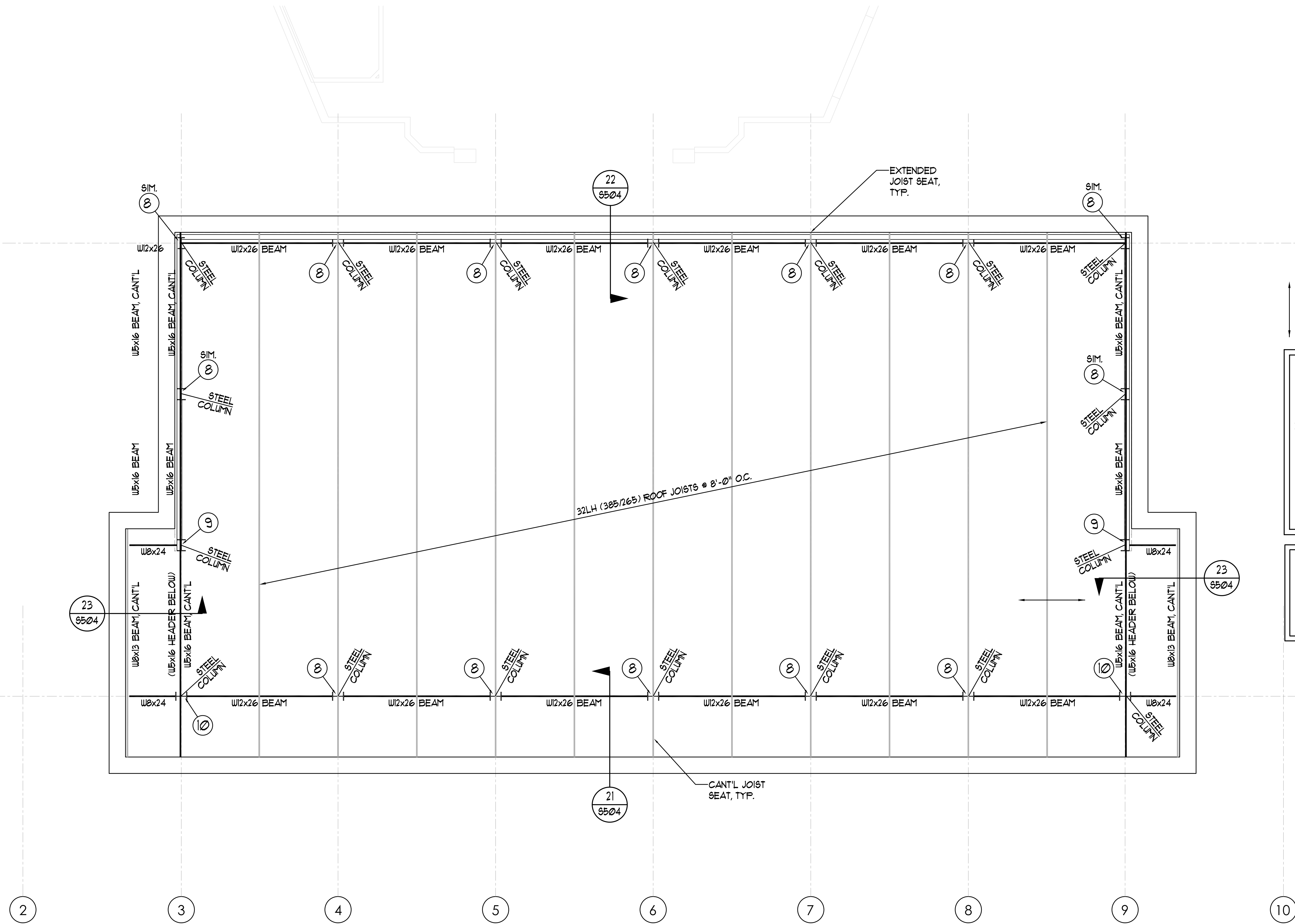
Revision	No.	Date	Description

SAA Project No. 2021-10  
Drawing Title

HIGH ROOF  
FRAMING PLAN

Sheet Number

S205



RTU

DENOTES SPAN DIRECTION OF VERO 1 1/2" x 20 GA. HSB-36 w/ TSU @ 24" O.C. or PLB-36 w/ VSC @ 24" O.C. (OR EQUIVALENT)

LOCATION OF PROPOSED MECHANICAL UNITS (SEE MECH'L DIAGS FOR EXACT LOCATIONS AND WEIGHTS). TRUSSES TO BE DESIGNED FOR THESE CONCENTRATED LOADS IN ADDITION TO UNIFORM DEAD AND LIVE LOADS. \*\*ALL TRUSSES TO BE DESIGNED FOR A 300 lb. CONCENTRATED LOAD TO ACCOUNT FOR POSSIBLE FUTURE RTU's\*\*

**FRAMING NOTES:**

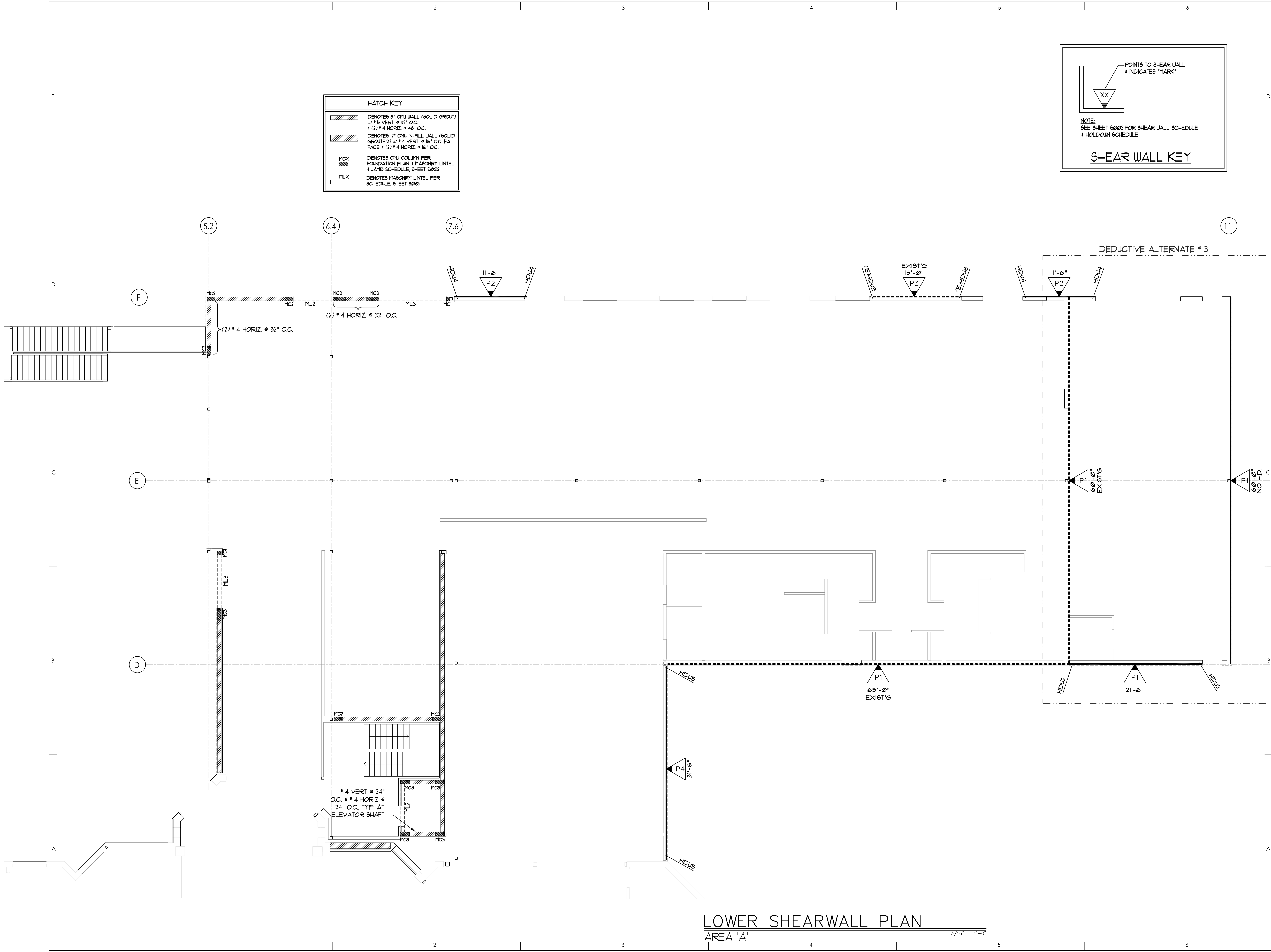
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. SEE ARCH'L ROOF PLAN FOR DECK BRG ELEVATIONS.
- SEE DETAIL 1/5002 FOR TYPICAL MASONRY CONSTRUCTION.
- STEEL DECK TO BE FASTENED TO ALL PERPENDICULAR SUPPORT MEMBERS WITH A 4/T PATTERN AND TO PARALLEL EDGE MEMBERS @ 12" O.C. CONNECTIONS MAY BE EITHER:  
a) 3/4" x FUDDLE WELDS  
b) HILTI X-HSN-24 (OR ICC APPROVED EQUIVALENT)  
c) \* 10 SELF-TAPPING SCREWS
- SEE DETAIL 6/5002 FOR ROOF TOP UNIT SUPPORT AND OPENINGS.

**STEEL CONNECTION DETAIL CALL-OUTS:**

(X) DENOTES STEEL CONNECTION PER DETAIL X/5505.  
(EXAMPLE: (15) DENOTES STEEL CONNECTION PER DETAIL 15/5505)

HIGH ROOF FRAMING PLAN  
AREA 'C'  
3/16" = 1'-0"





SAA

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DAVID H. SANDERS  
REGISTERED ARCHITECT  
No. 383807  
11-14-2022

Consultant

VECTOR

1111 W. 1000 S.  
Ogden, UT 84403  
(801) 587-0024

Project Name

OGDEN-HINCKLEY AIRPORT  
TERMINAL EXPANSION  
3909 AIRPORT ROAD  
OGDEN, UT 84405

Issued		
No.	Date	Description
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No.	Date	Description

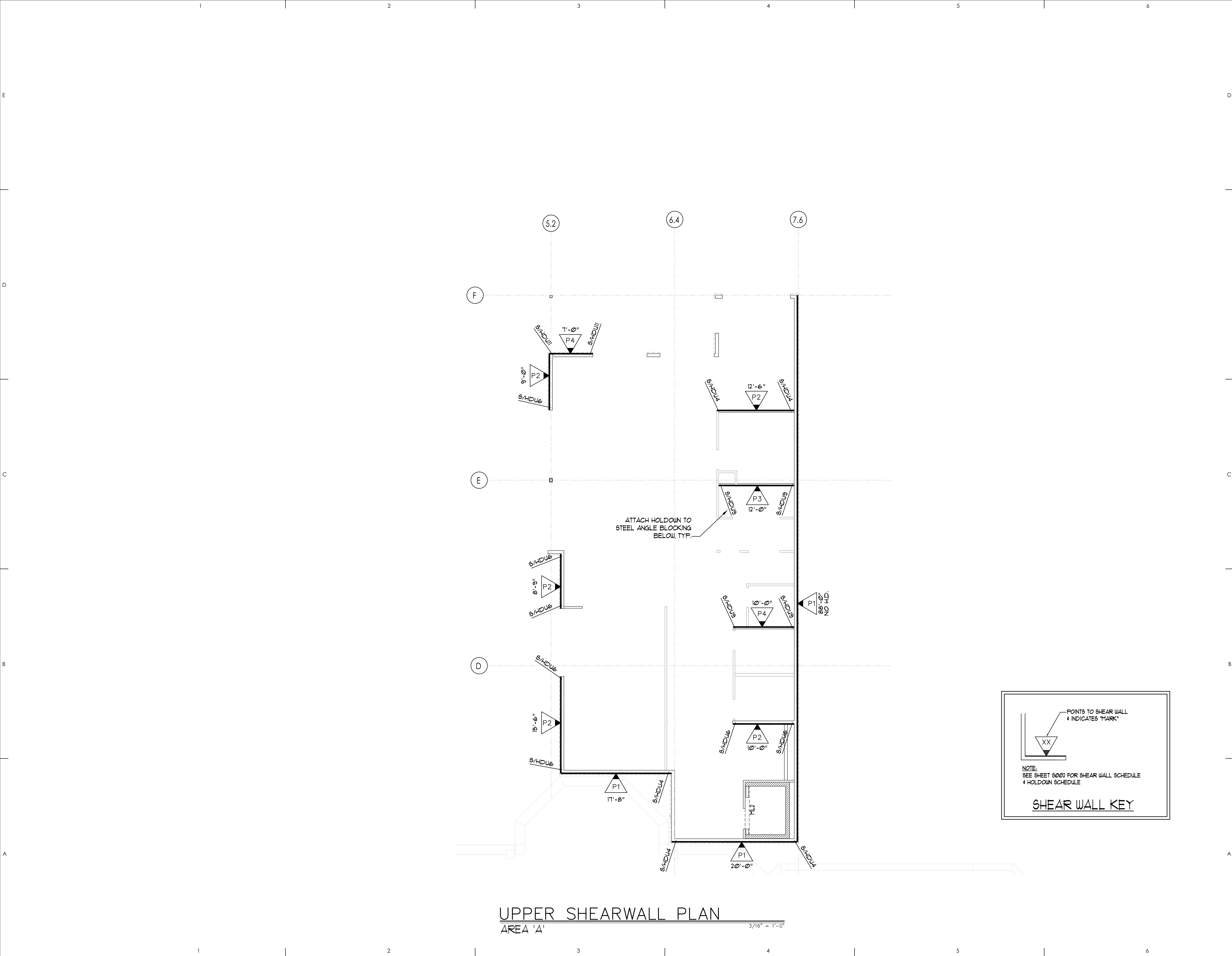
SAA Project No. 2021-10  
Drawing Title

LOWER SHEARWALL  
PLAN

Sheet Number

S301





SAA

SANDERS ASSOCIATES ARCHITECTS

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Professional Engineer  
No. 88380  
DAVID H. FOWLER  
Utah  
11-14-2022

Consultant

PROJECT: L0000-2-100-001

**VECTOR**  
ENGINEERING  
LARRY L. VANCE  
(801) 587-0054

Project Name

OGDEN-HINCKLEY AIRPORT  
TERMINAL EXPANSION  
3909 AIRPORT ROAD  
OGDEN, UT 84405

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SAA Project No. 2021-10

Drawing Title

UPPER SHEARWALL  
PLAN

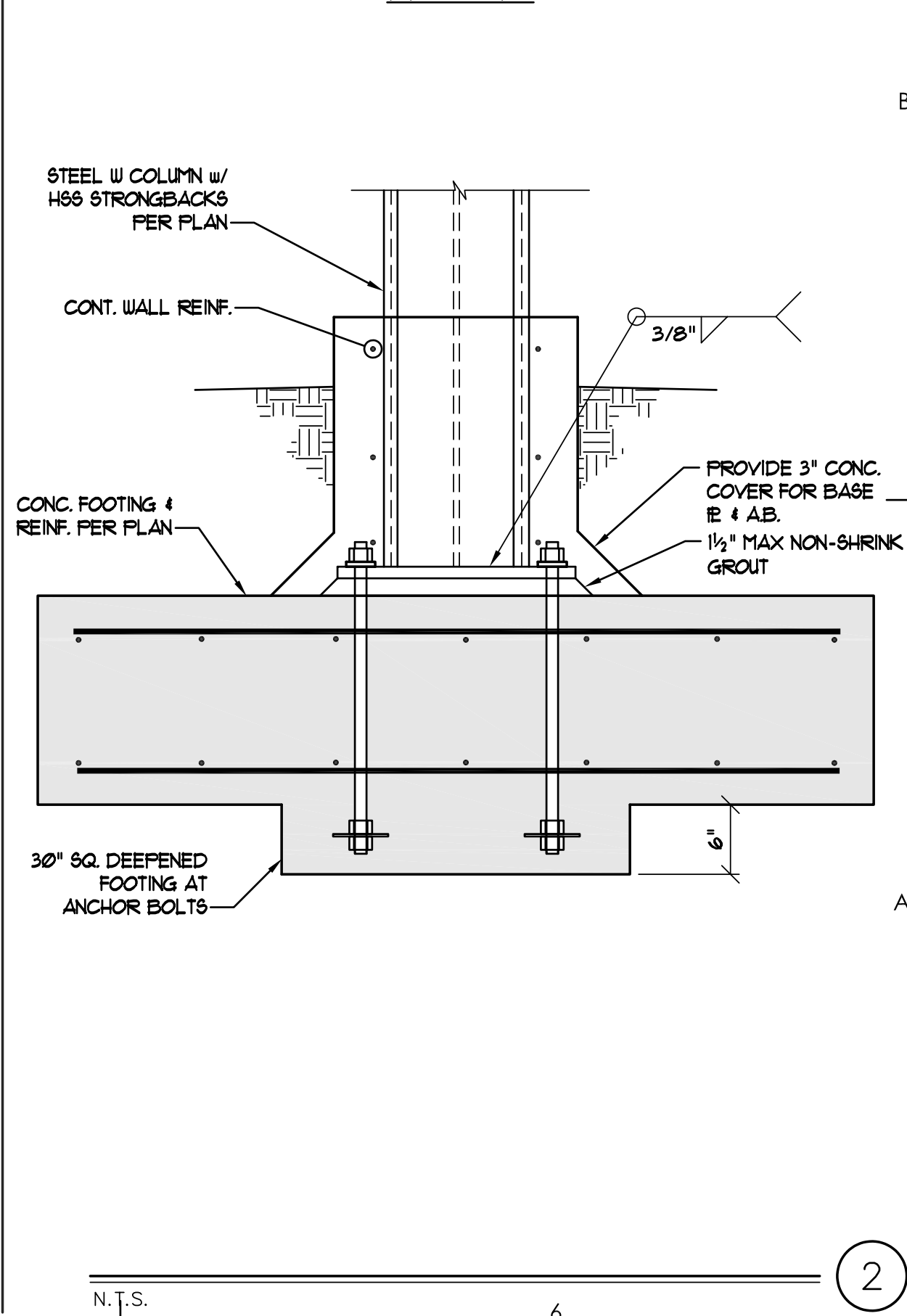
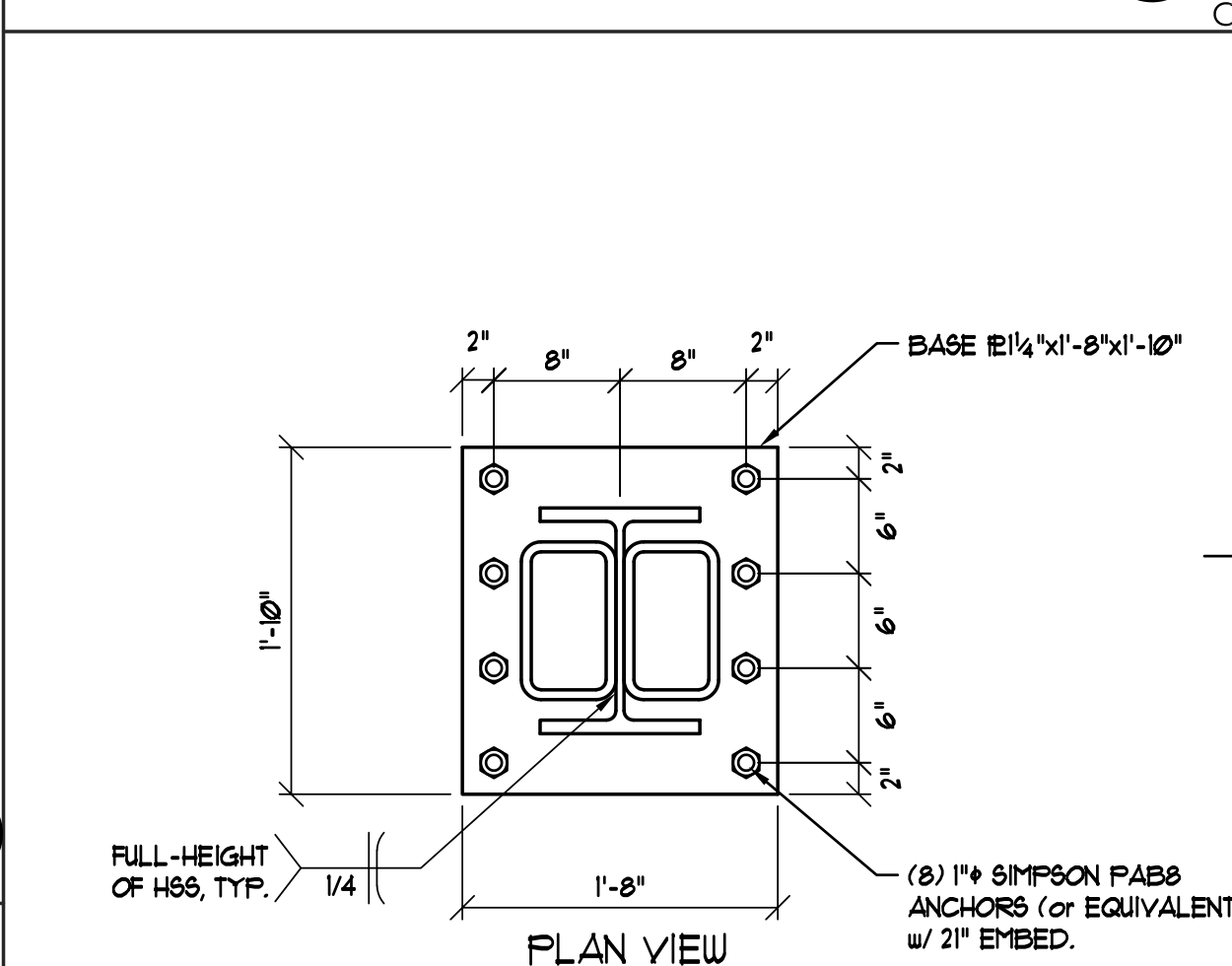
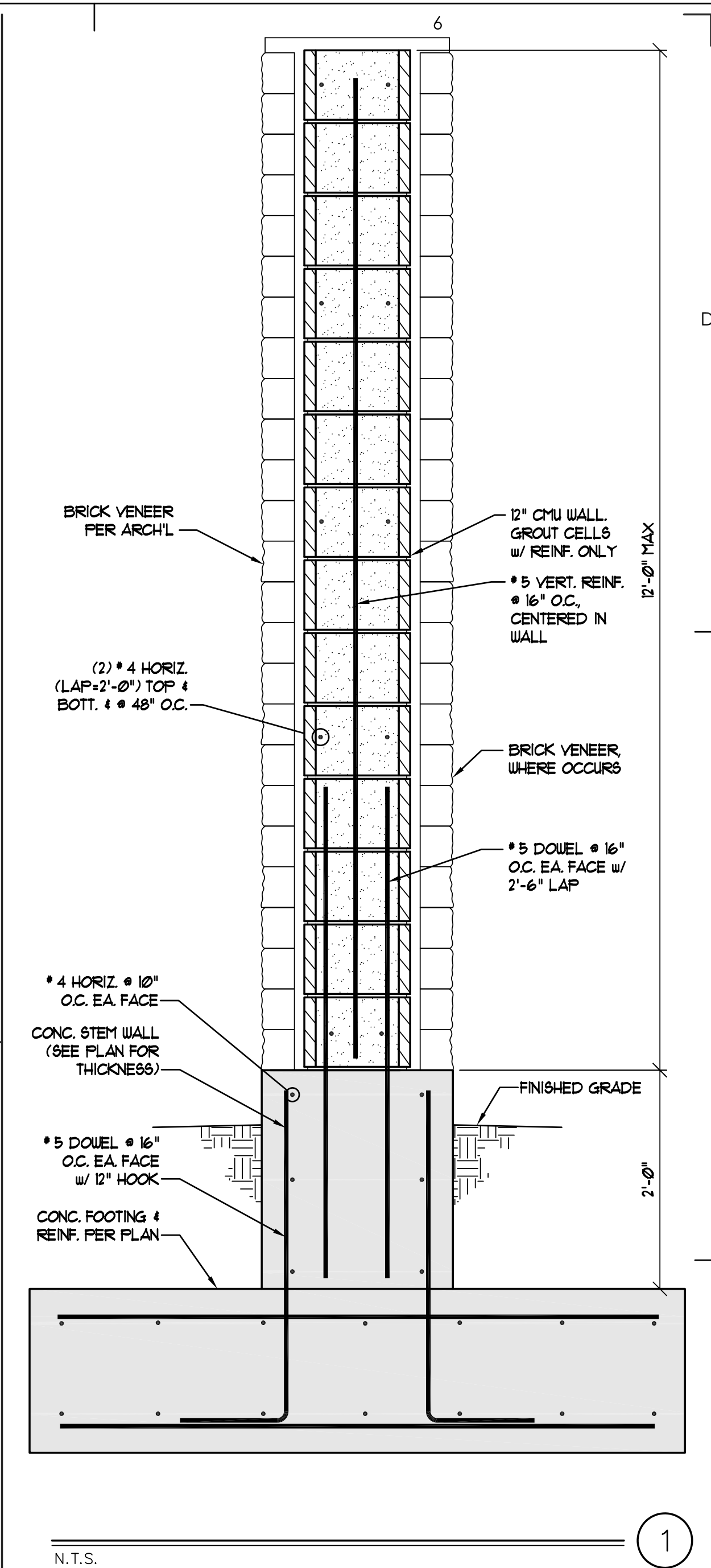
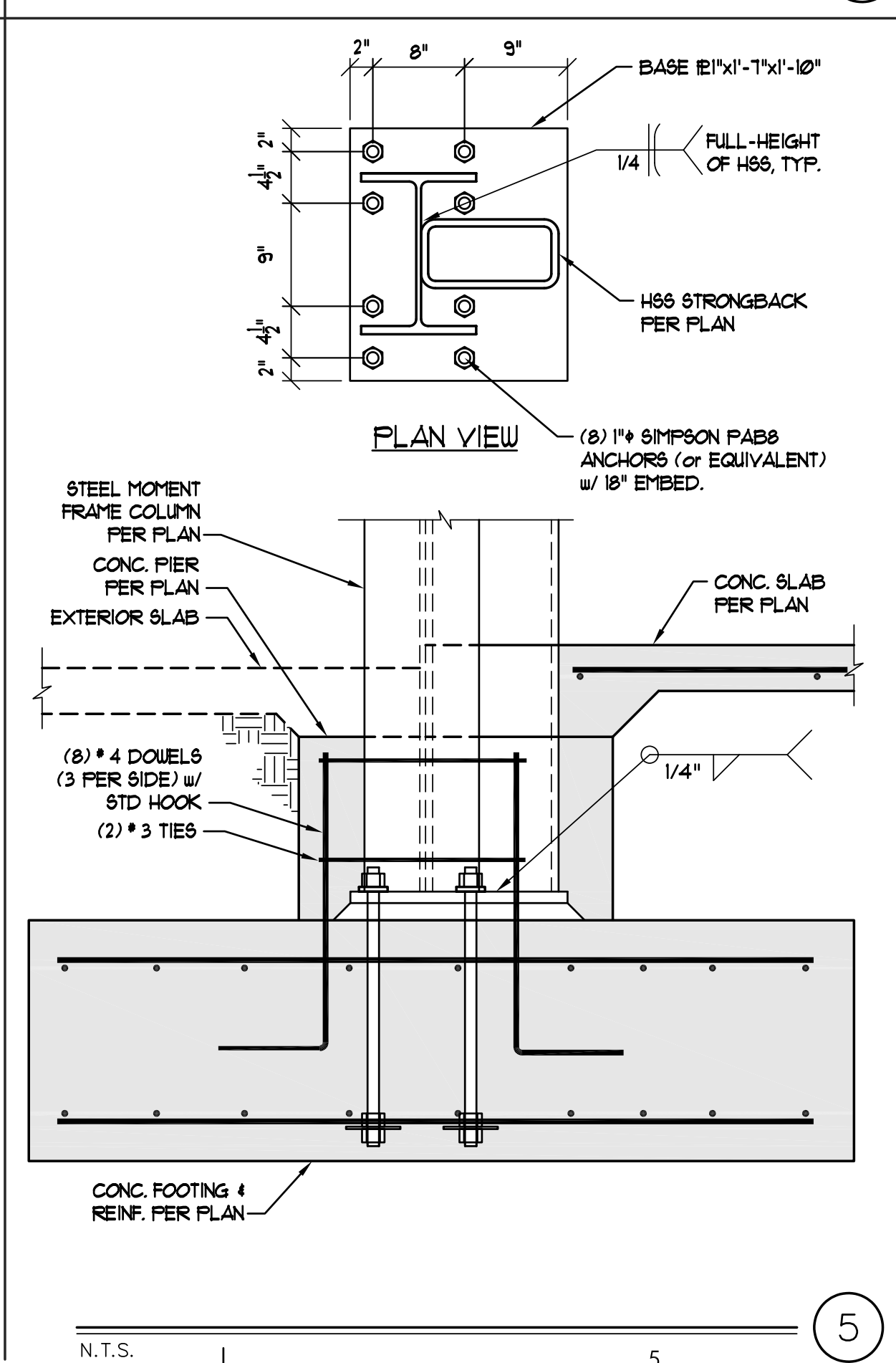
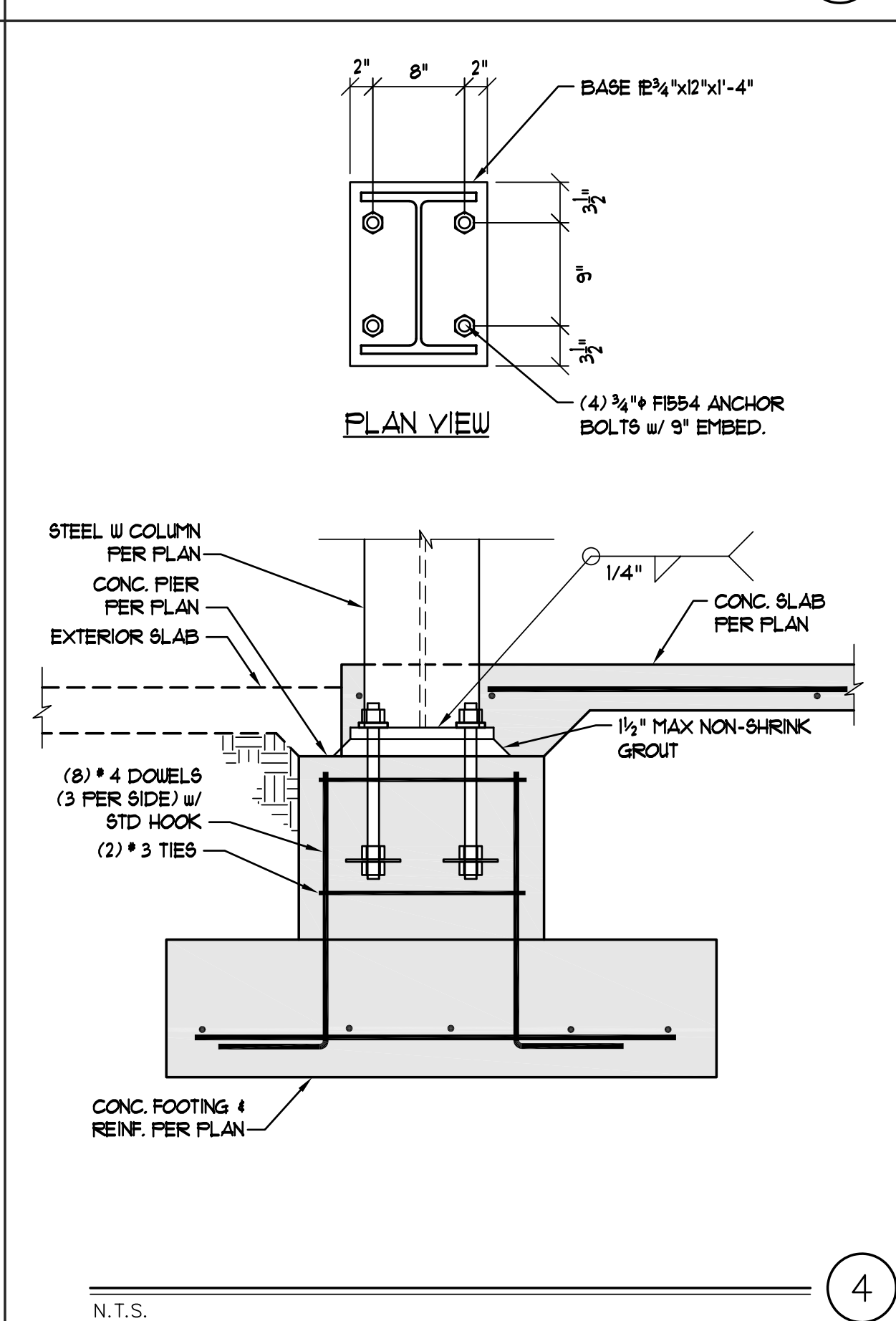
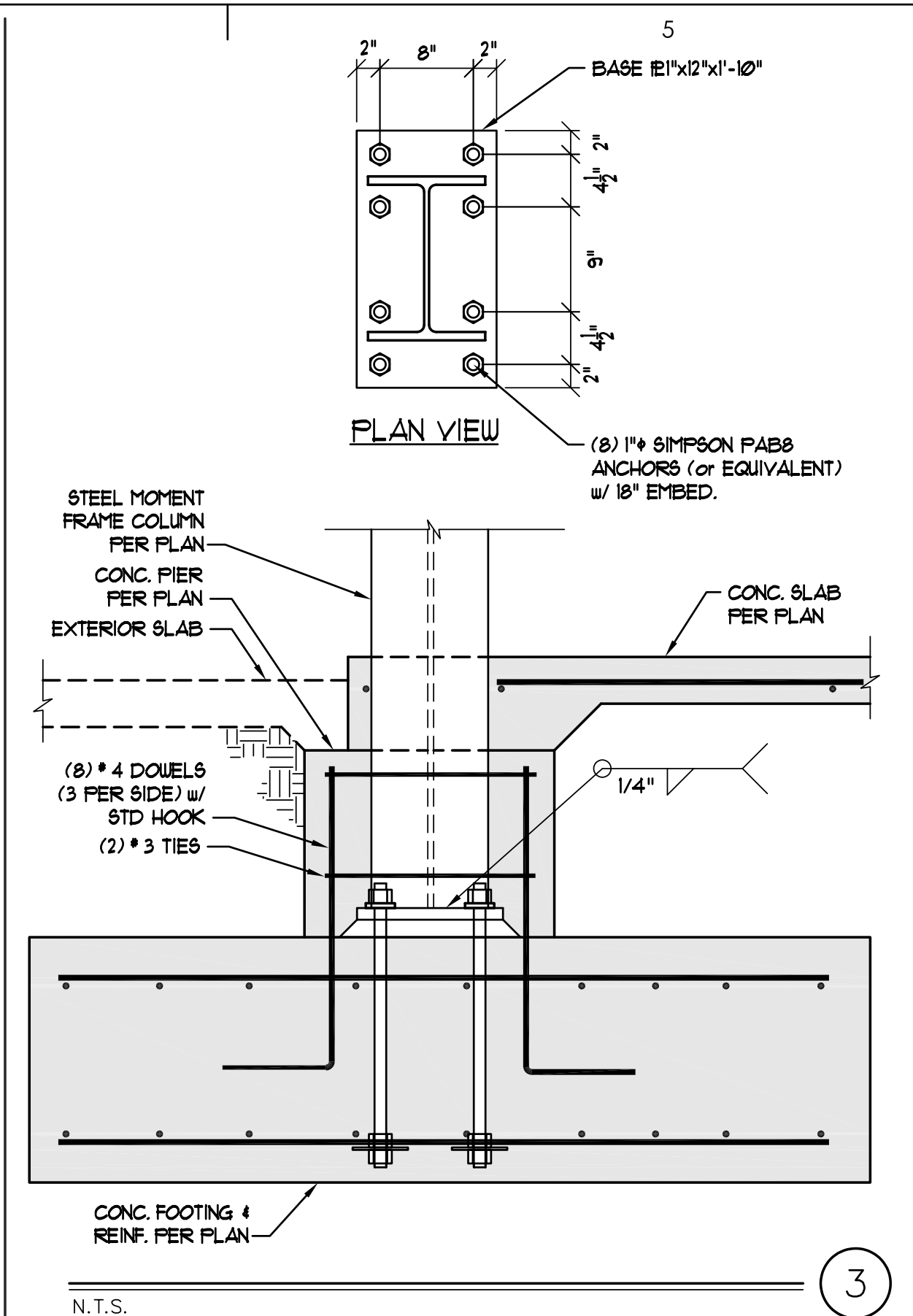
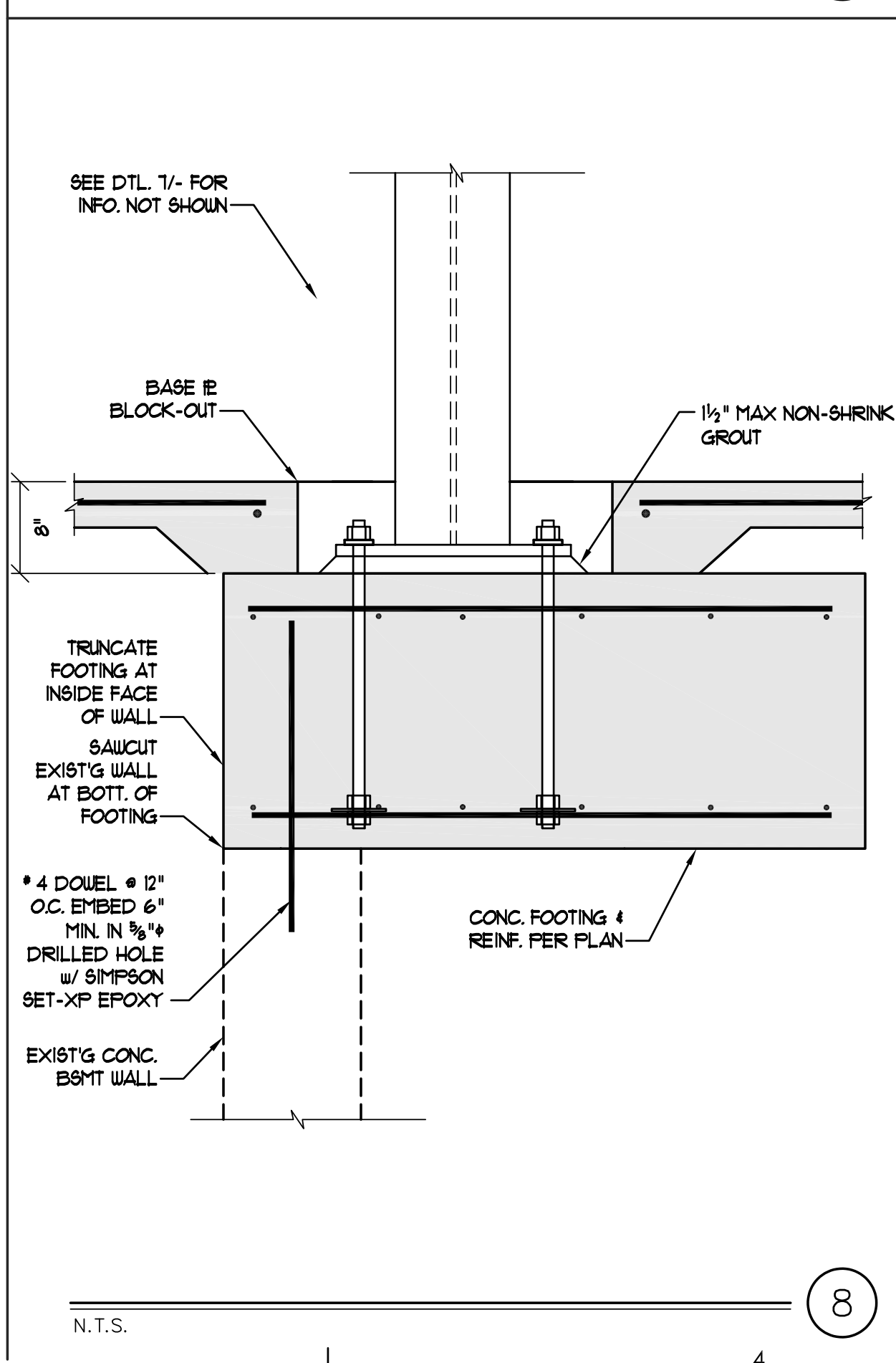
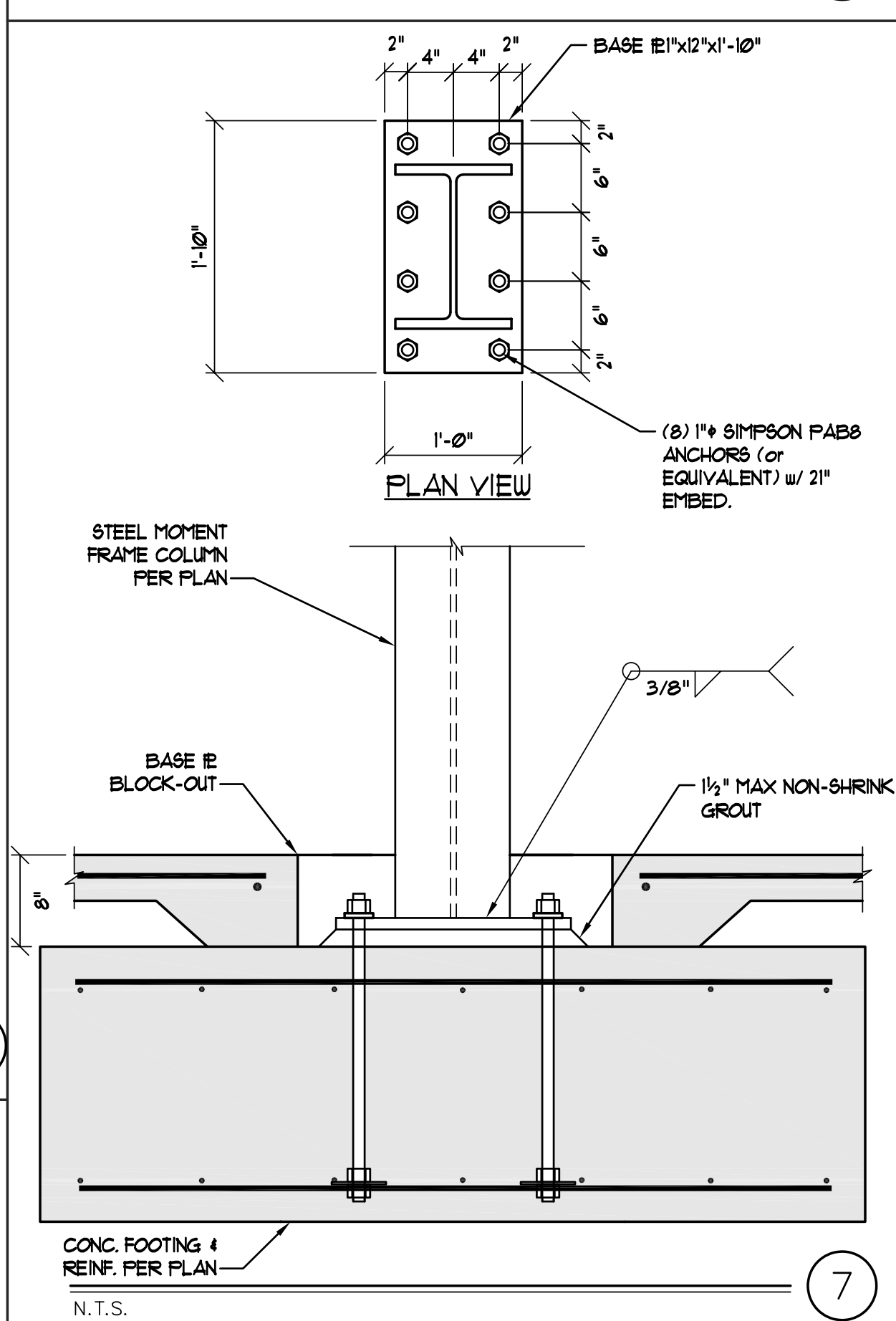
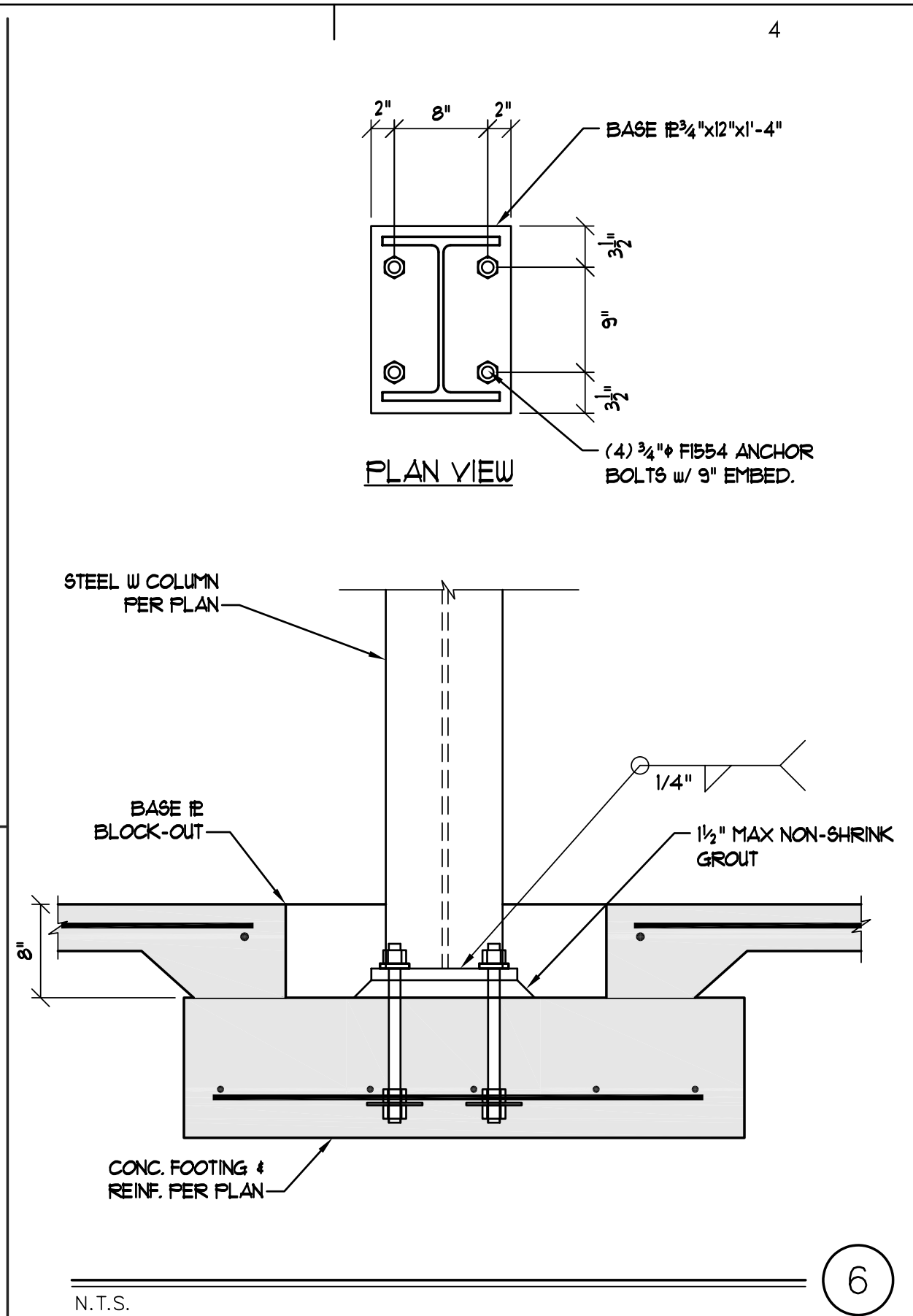
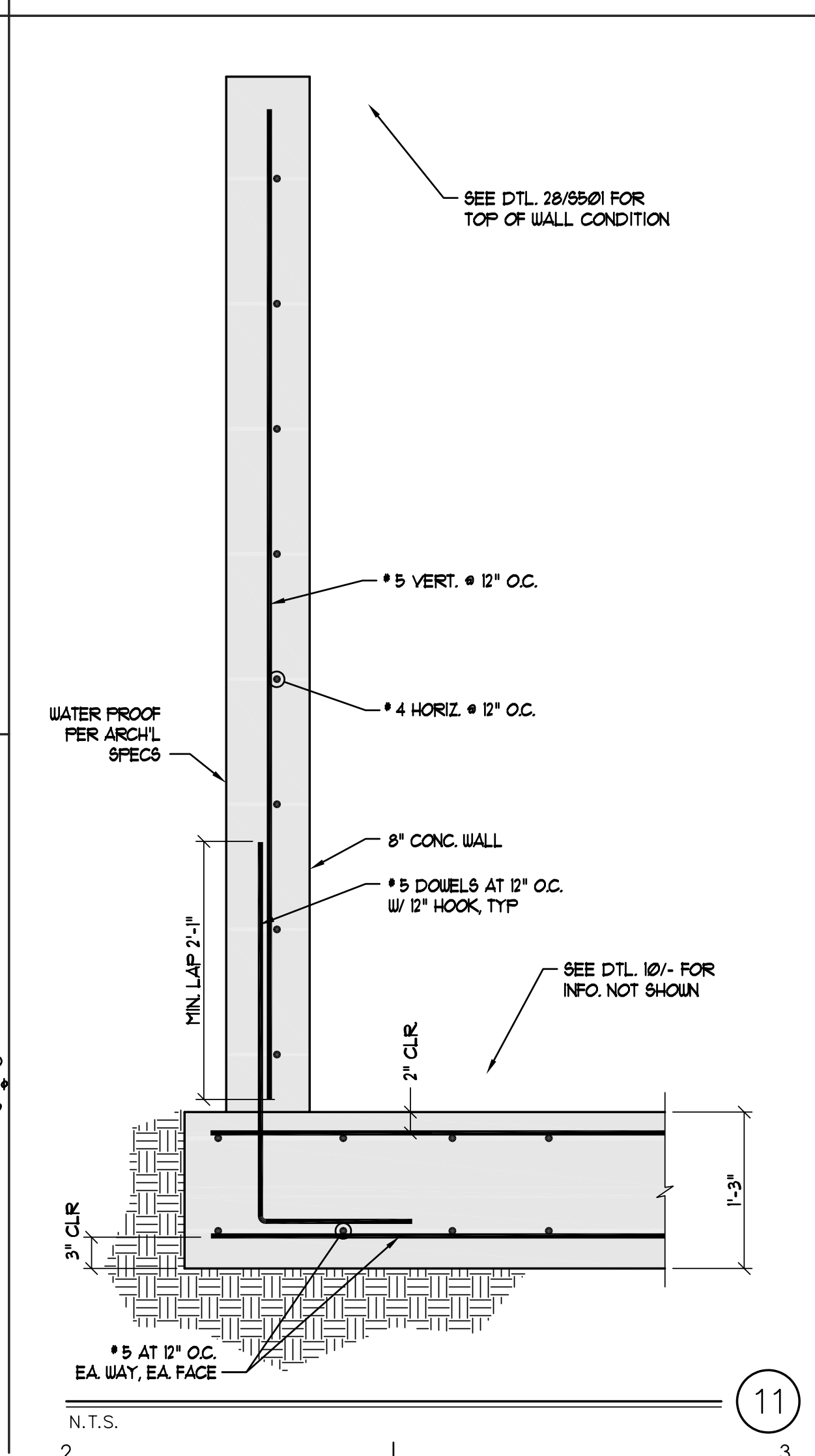
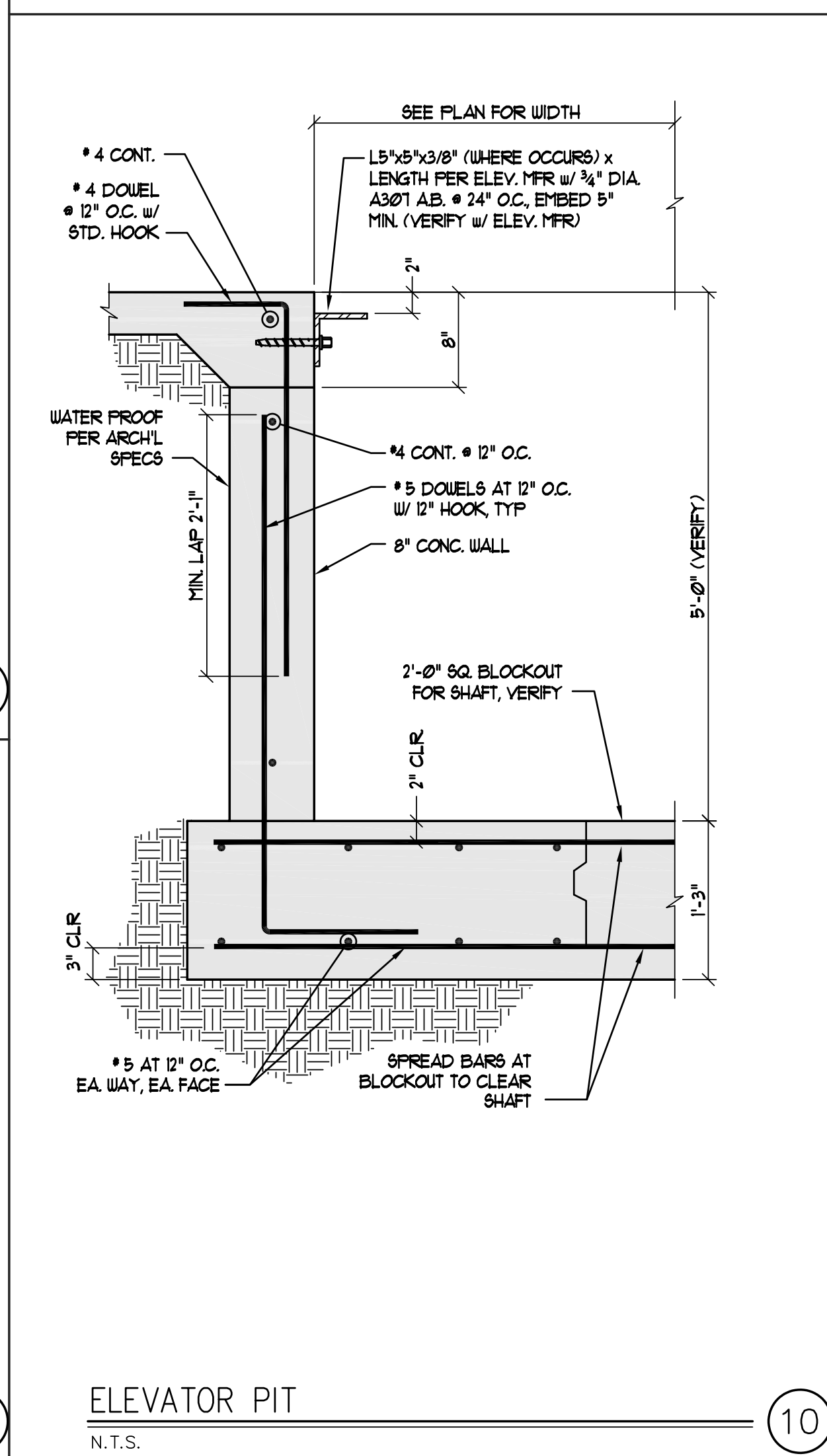
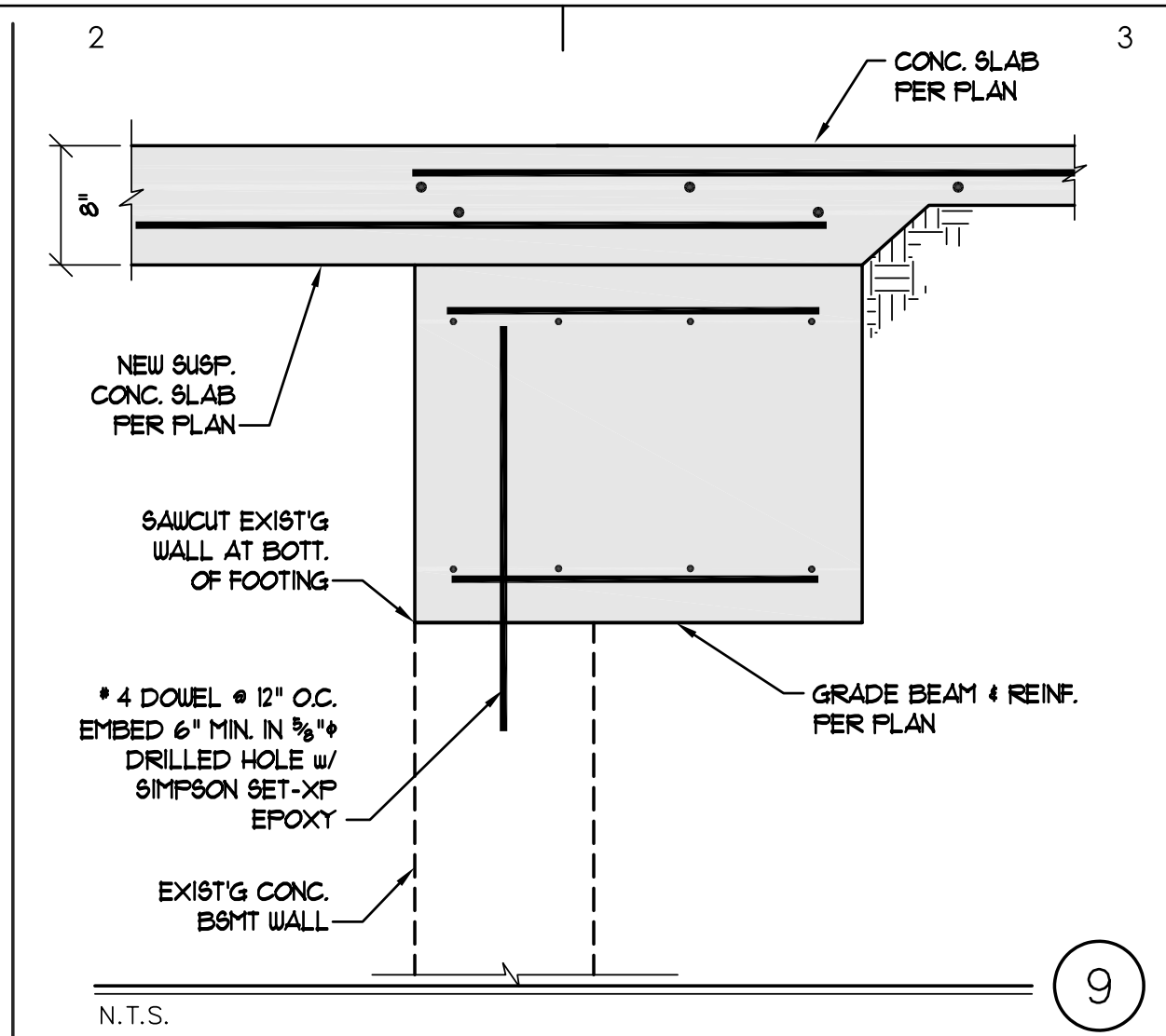
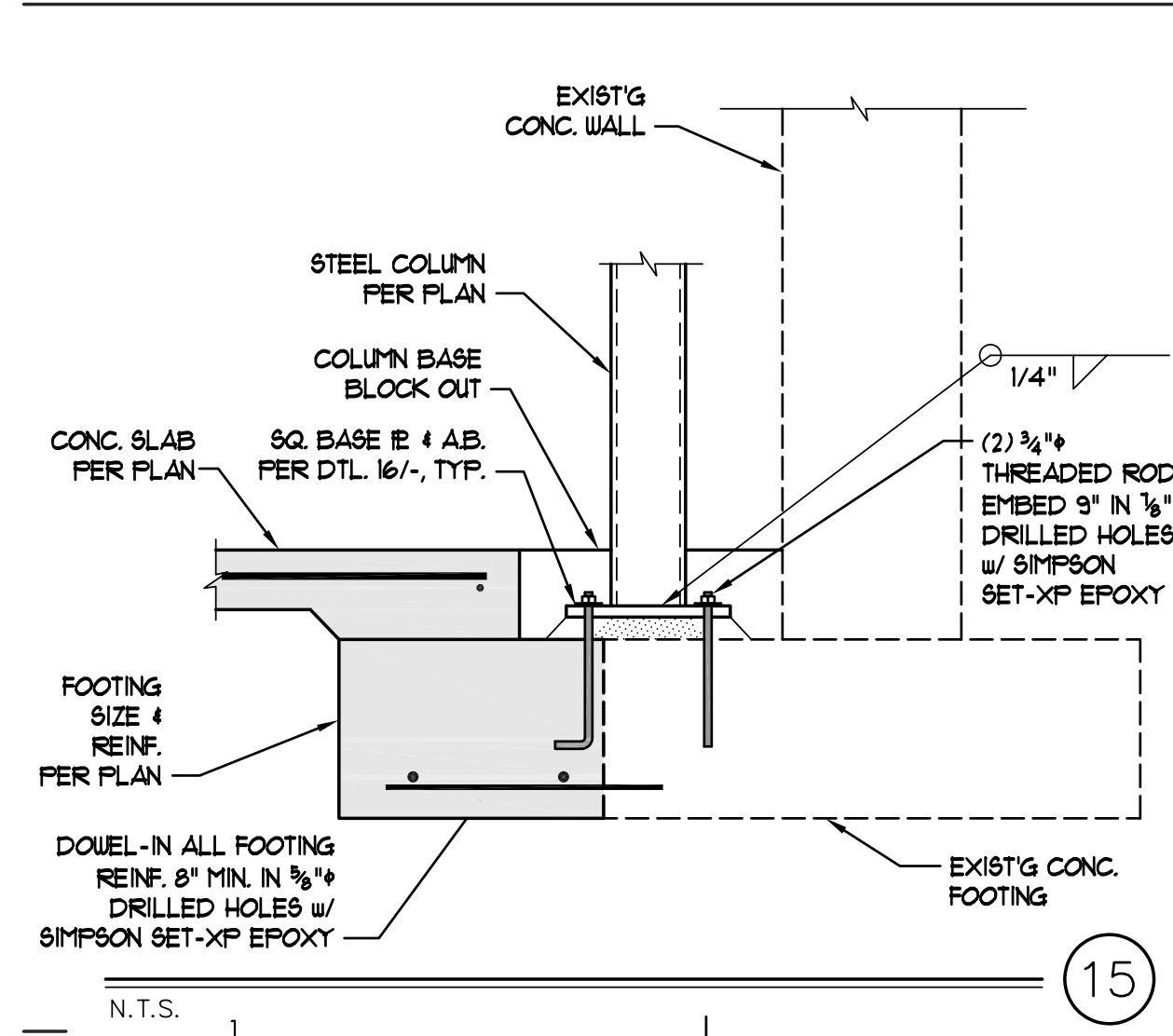
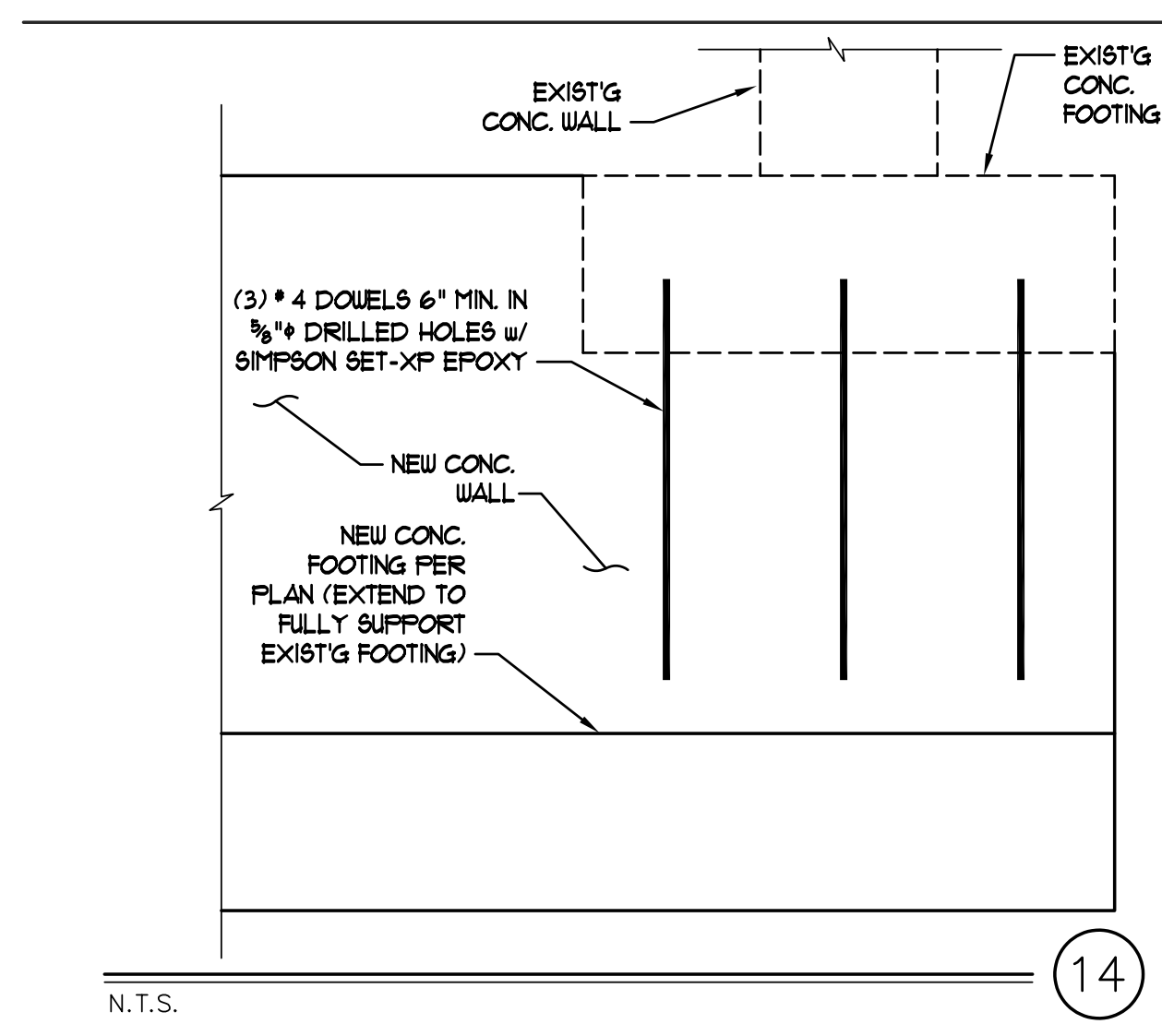
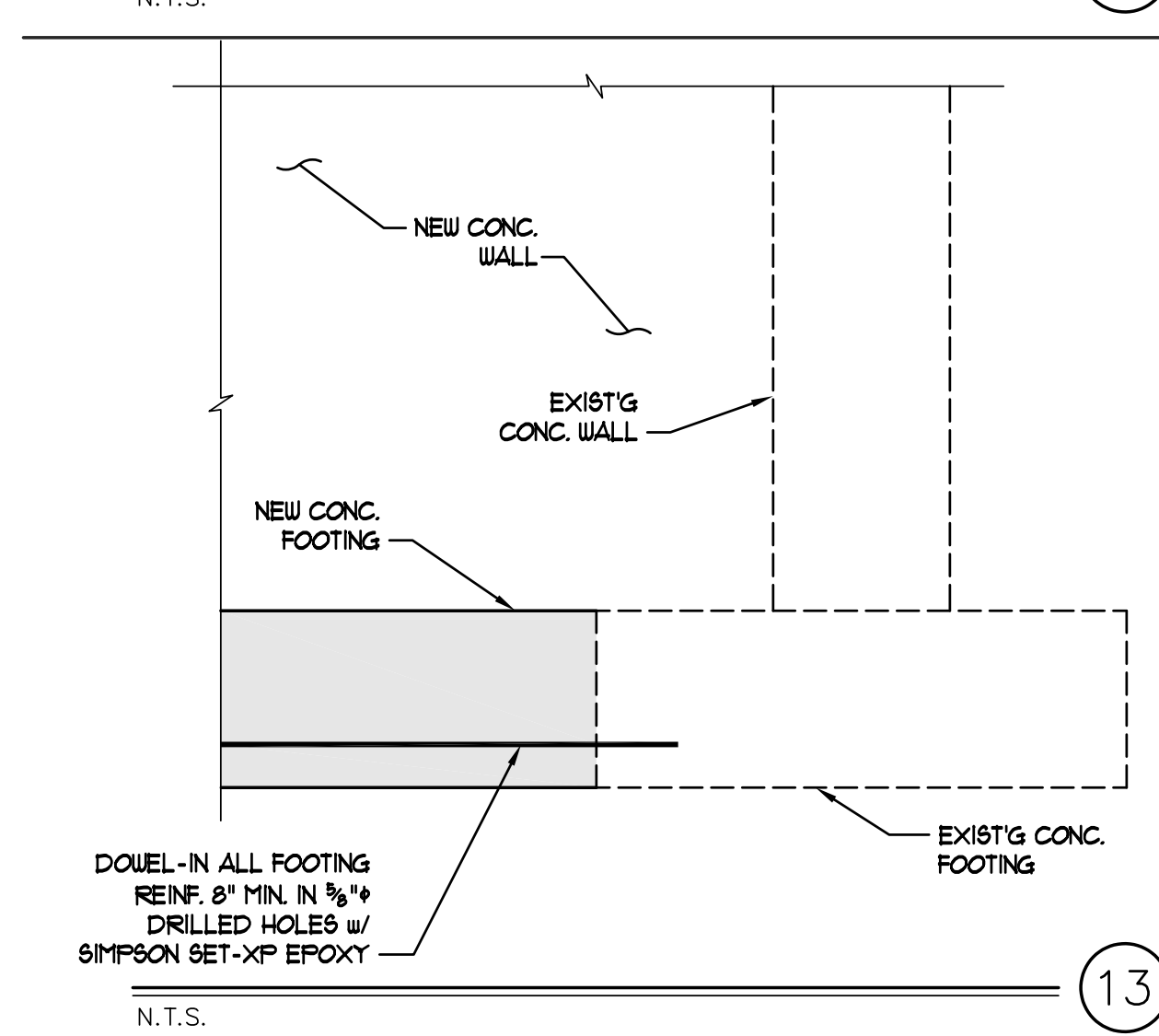
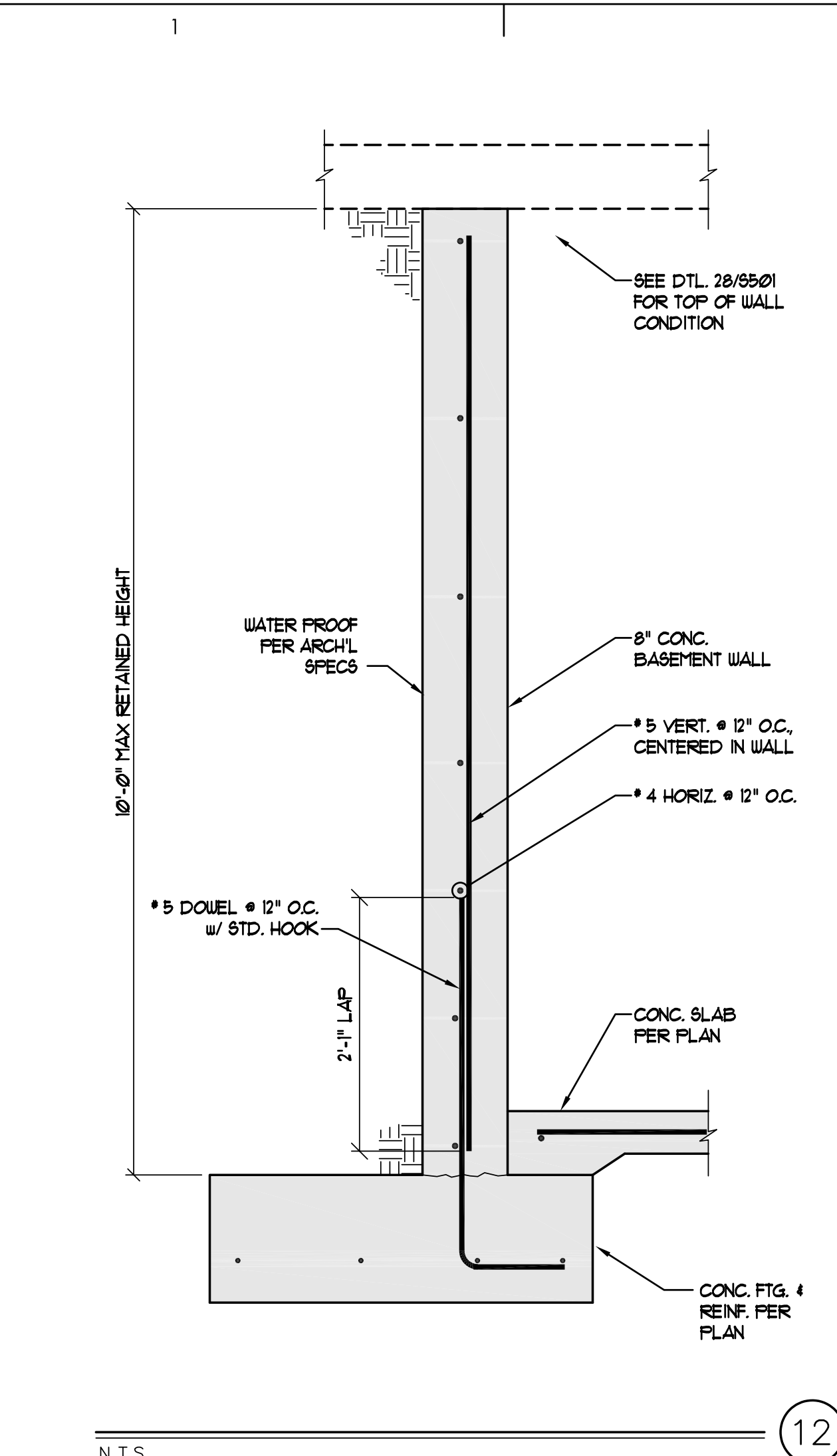
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S302









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**OGDEN-HINCKLEY AIRPORT**  
**TERMINAL EXPANSION**  
3909 AIRPORT ROAD  
OGDEN, UT 84405

Project Name

No.	Date	Description
1	11-14-22	BLDG DEPT SUBMITTAL

Revision

No.	Date	Description
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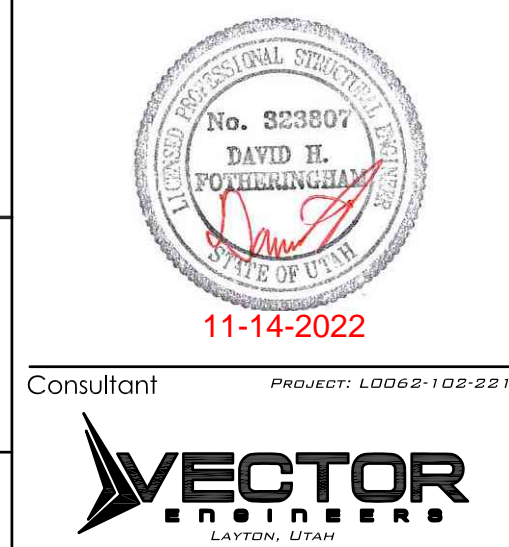
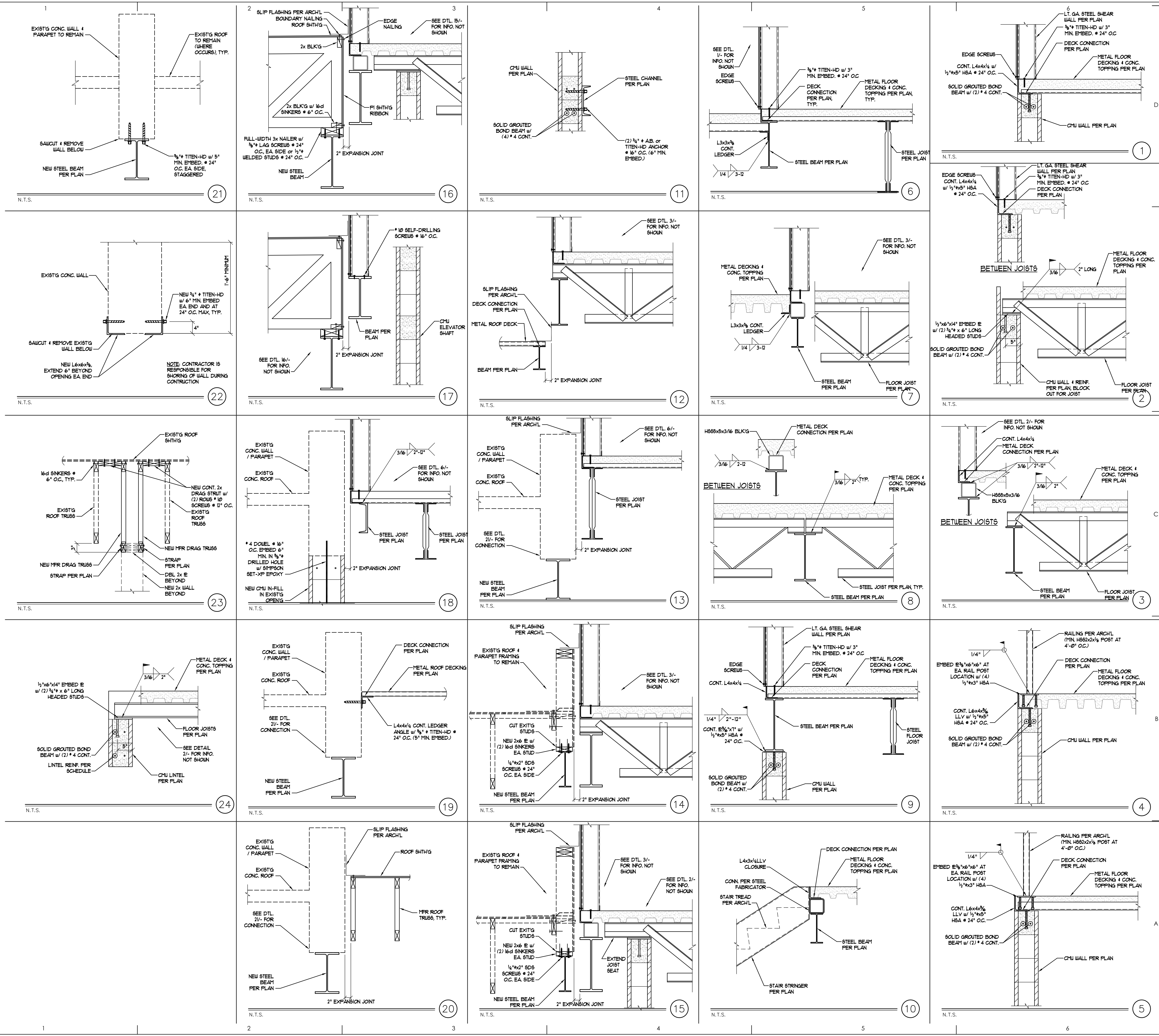
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Drawing Title

FOUNDATION DETAILS

Sheet Number

**S502**





OGDEN-HINCKLEY AIRPORT  
TERMINAL EXPANSION  
3909 AIRPORT ROAD  
OGDEN, UT 84405

Project Name		
No.	Date	Description
11-14-22		BLDG DEPT SUBMITTAL

Revision		
No.	Date	Description

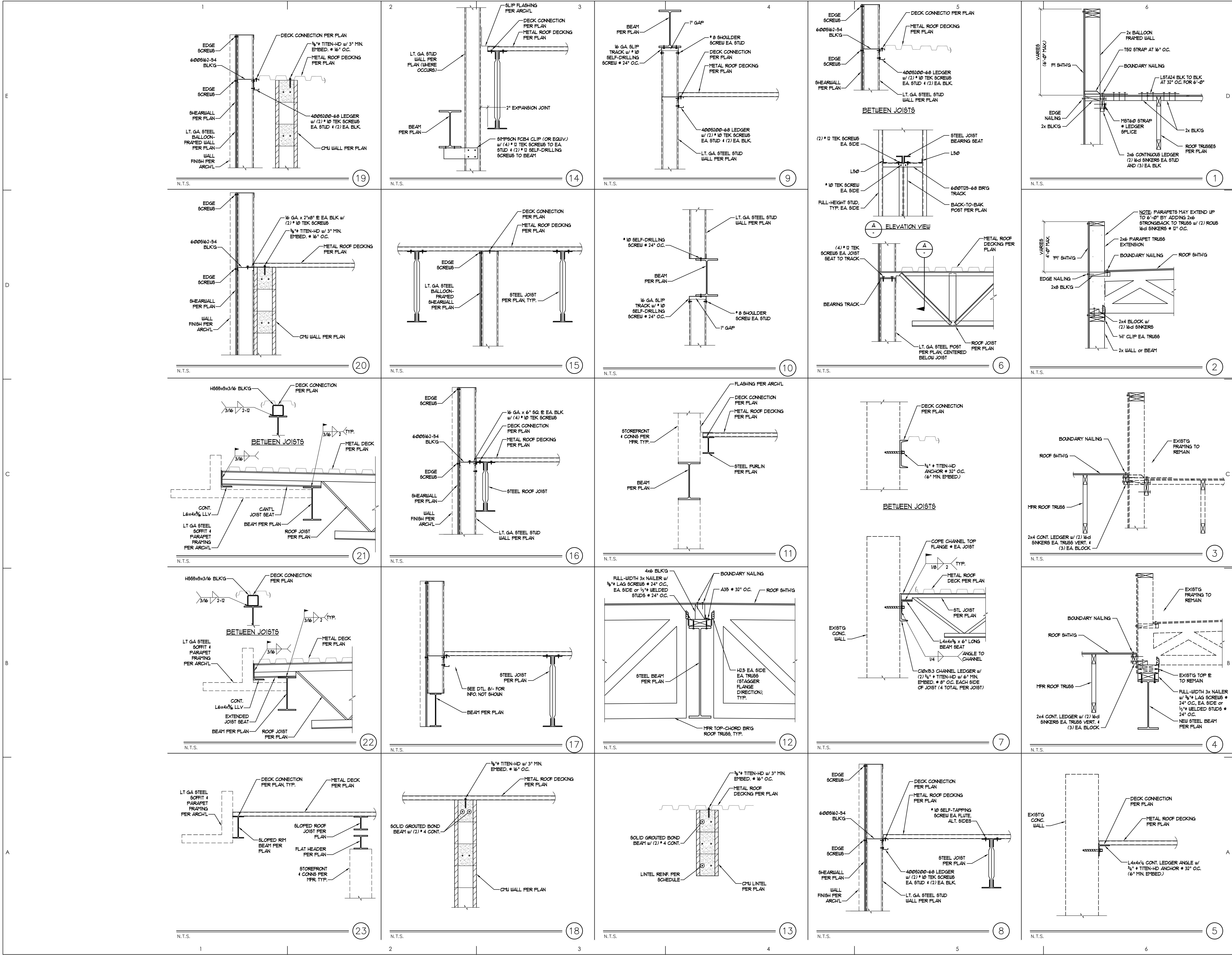
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FLOOR FRAMING  
DETAILS

Sheet Number

S503



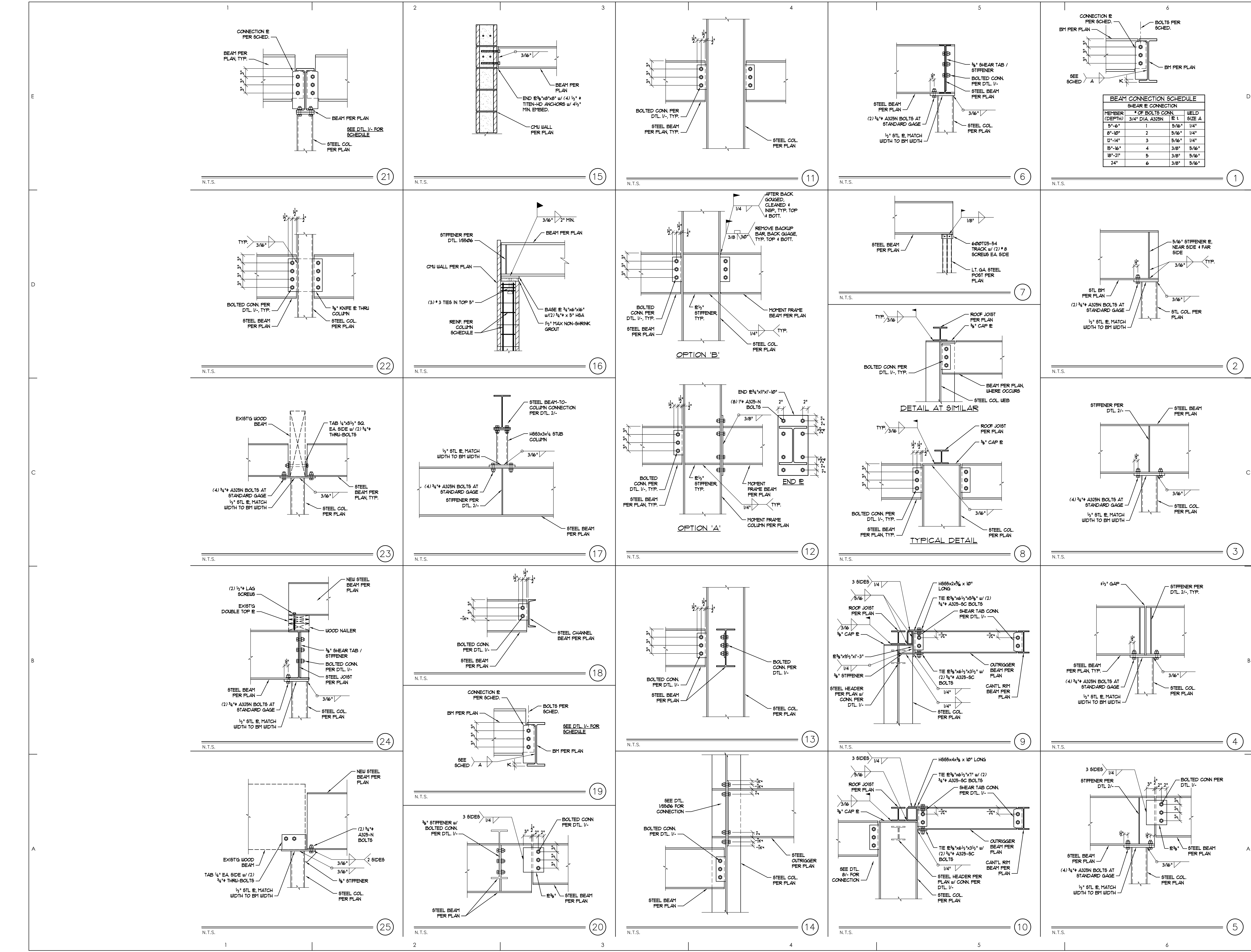


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No.	Date	Description
1	11-14-22	BLDG DEPT SUBMITAL

Revision		
No.	Date	Description

SAA Project No. 2021-10  
Drawing Title  
**STRUCTURAL DETAILS**





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11-14-2022  
PROJECT: 14000-2-100-001

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Project Name

OGDEN-HINCKLEY AIRPORT  
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3909 AIRPORT ROAD  
OGDEN, UT 84405

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1	11-14-22	BLDG DEPT SUBMITTAL

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No.	Date	Description
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SAA Project No.

2021-10

Drawing Title

STEEL CONNECTION DETAILS

Sheet Number

S505

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