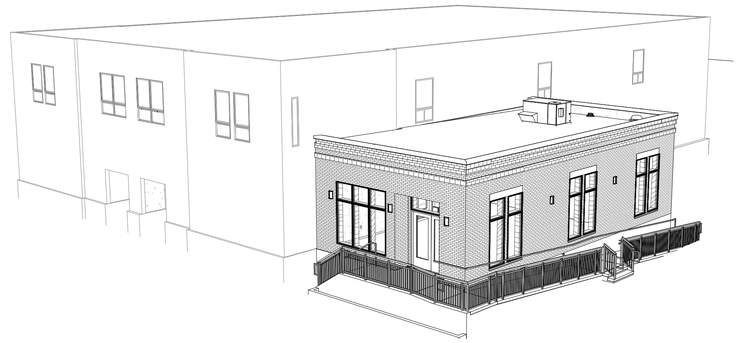
ELITE HALL ADDITION
98 WEST MAIN ST
HYRUM, UTAH

Case, Lowe and Hart, Inc.
2484 Washington Blvd. Ste 510
Ogden, Utah 84401

Reeve & Associates
5160 1500 W
Riverdale, Utah 84405



PROJECT LOCATION

VICINITY MAP

DRAWING INDEX

BID ALTERNATE

PROVIDE COST FOR PROVIDING HARDWOOD FLOOR IN FOYER 101 AND OFFICE 103 TO MATCH EXISTING BUILDING FLOORING INCLUDING MATERIALS, COLOR AND DESIGN AS CLOSE AS POSSIBLE.

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CLH ARCHITECTS ENGINEERS
Case, Lowe & Hart, Inc.
2484 Washington Blvd. - Ste. 510
Ogden, Utah 84401-2346
801-399-5821 www.clhae.com

CONSULTANTS

STAMP

STATE OF UTAH
STEVEN J. PETERSON
6830295-0301
LICENSED ARCHITECT
07/08/25

HYRUM CITY

ELITE HALL ADDITION
98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	KDL
CHK'D BY:	SJP

BID/PERMIT SET
JULY 08, 2025

SHEET TITLE

TITLE SHEET

SHEET NO:

G-001

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APPLICABLE CODES:

2021 International Building Code
2021 International Mechanical Code
2021 International Fuel Code
2021 International Plumbing Code
2021 International Fire Code
2021 International Energy Conservation Code
2021 International Existing Building Code
Alternation- Level 2, Addition, and Historic Buildings
2023 National Electrical Code
2017 American National Standard
Accessible and Usable Buildings and Facilities
ICC/ANSI A117.1-2017
2015 ADAAG

OCCUPANCY GROUP:

A-3 (IBC Section 303)

CHANGE IN USE: No

SPECIAL OCCUPANCY: Community Hall; Per IEBC, Alternation- Level 2, Addition, and Historic Buildings.

BUILDING HEIGHTS AND AREAS:

ALLOWABLE BUILDING HEIGHT AND NUMBER OF STORIES (IBC 504)

Allowable Height (IBC Table 504.3): 40 ft
Allowable Number of Stories (IBC Table 504.4): 1

ACTUAL BUILDING HEIGHT AND NUMBER OF STORIES

Actual Height: 29 ft
Actual Number of Stories: 2 (Existing Condition)

ALLOWABLE FLOOR AREA (IBC Table 506.2):

18,000 sf

ACTUAL FLOOR AREA:

Main Floor- 8,441 sf
Second Floor- 3,559 sf
Addition- 1,317 sf
Total- 13,317 sf

CONSTRUCTION TYPE:

VB

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (IBC Table 601):

Primary Structural Frame:	0 hrs
Bearing Walls - Exterior:	0 hrs
Bearing Walls - Interior:	0 hrs
Nonbearing Walls - Exterior (IBC Table 602):	0 hrs
Nonbearing Walls - Interior:	0 hrs
Floor Construction:	0 hrs
Roof Construction:	0 hrs

FIRE PROTECTION (IBC 903):

FIRE SPRINKLERS REQUIRED: No- Addition only, existing building un modified

FIRE SPRINKLERS PROVIDED: No

Building will be served by an automatic fire protection sprinkler system in accordance with NFPA 13

PORTABLE FIRE EXTINGUISHERS:

Building will have installed Portable Fire Extinguishers per Section 906 and NFPA 10.

OCCUPANT LOAD:

1512 (see OCCUPANT LOAD TABLE)

MEANS OF EGRESS:

EXIT WIDTH REQUIRED (IBC 1005):

1512 occupants x .2 (Whole building) 302.4

EXIT WIDTH PROVIDED:

10x 32"= 320"

NUMBER OF EXITS REQUIRED (IBC 1006):

4 exits

NUMBER OF EXITS PROVIDED:

5 exits

MAXIMUM COMMON PATH OF EGRESS TRAVEL (IBC TABLE 1006.2.1):

Occupancy A = 75 ft

LONGEST COMMON PATH OF EGRESS TRAVEL PROVIDED:

58 ft

ALLOWABLE EXIT ACCESS TRAVEL DISTANCE REQUIRED (IBC TABLE 1017.2):

Occupancy A = 200 ft

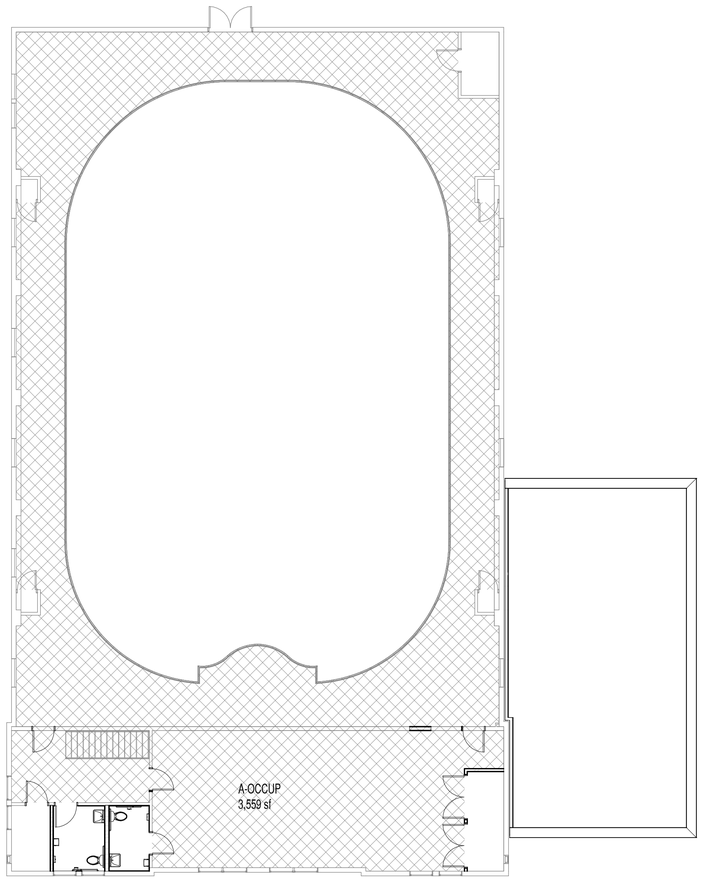
LONGEST EXIT ACCESS TRAVEL DISTANCE PROVIDED:

47 ft

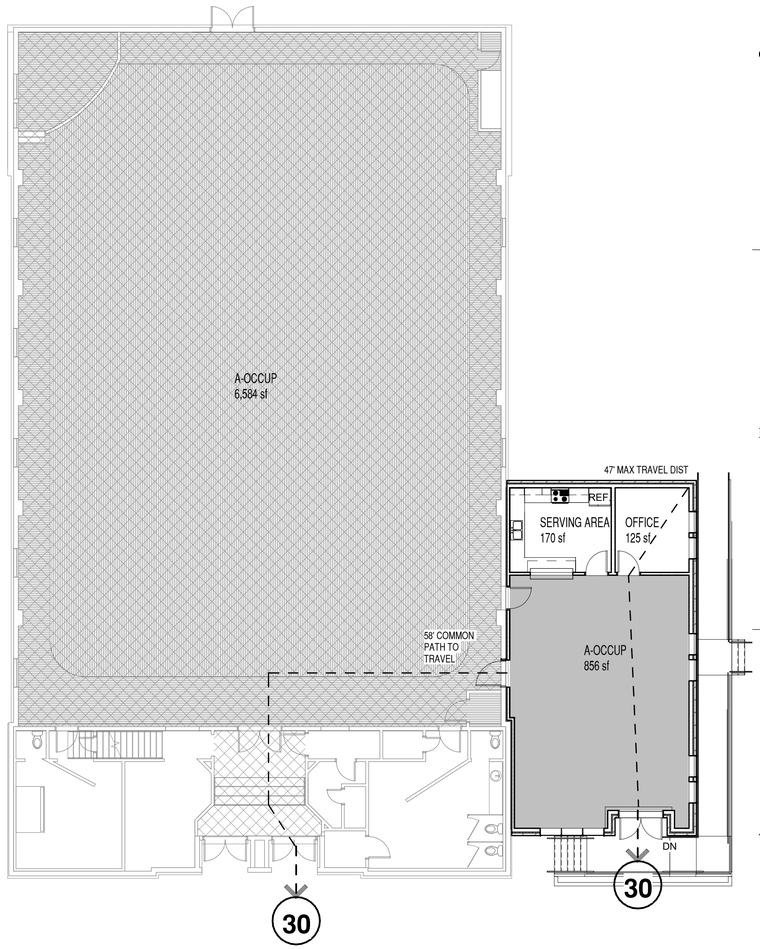
OCCUPANT LOAD TABLE:

MAXIMUN FLOOR ALLOWANCES (IBC Table 1004.1.2)

OCCUPANCY	FUNCTION OF SPACE	AREA (sf)	ACCESSORY	FACTOR	OCCUPANTS
A-3	Main Floor Existing Assembly Area	6584		7	940.6
A-3	2nd Floor Existing Assembly Area	3583		7	511.9
A-3	New Assembly Area	856		15	57.1
A-3	New Serving Area	170	Y	200	0.9
A-3	New Office	125	Y	150	0.8
				SUB TOTAL:	1511.2
				TOTAL:	1512



A2 SECOND FLOOR PLAN
3/32" = 1'-0"



A4 GROUND FLOOR PLAN
3/32" = 1'-0"

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CONSULTANTS

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STATE OF UTAH
STEVEN J. PETERSON
6830295-0301
LICENSED ARCHITECT
07/08/25

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	KDL
CHK'D BY:	SJP

BID/PERMIT SET

JULY 08, 2025

SHEET TITLE

CODE REVIEW & LIFE SAFETY

SHEET NO:

G-002

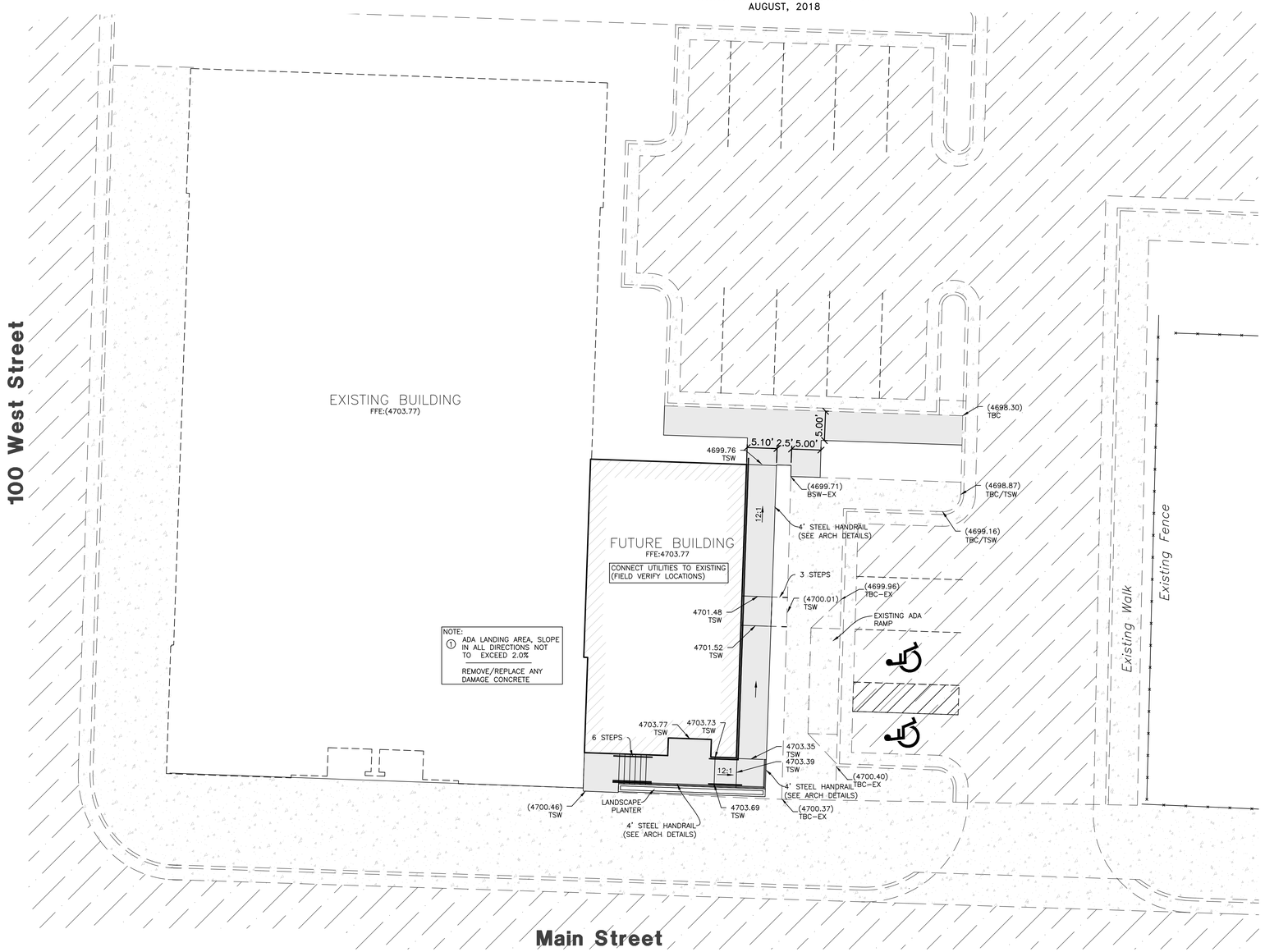
Project Narrative/Notes/Revisions

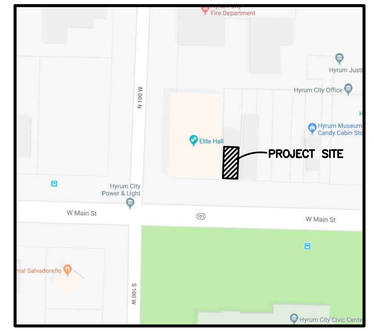
1. 08/31/18 NF – COMPLETED DESIGN FOR CLIENT & CITY REVIEW.
2. 08/20/19 NF – REVISED PER NEW BUILDING LAYOUT.
3. 07/01/25 CK – ADDED NOTES SHEET AND DETAILS.

HYRUM SOCIAL CLUB

Improvement Plans

HYRUM CITY, CHACHE COUNTY, UT
AUGUST, 2018





Vicinity Map
NOT TO SCALE

10 0 10 20 30
Scale: 1" = 10'

Legend

- = EXISTING CONCRETE
- = EXISTING ASPHALT
- = PROPOSED CONCRETE

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LAND PLANNERS • CIVIL ENGINEERS
LAND SURVEYORS • TRAFFIC ENGINEERS
STRUCTURAL ENGINEERS • LANDSCAPE ARCHITECTS

PROJECT NUMBER:	6528-33
DRAWN BY:	NF
ENGINEER:	KH

STAMP

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
07/01/2025
STATE OF UTAH

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	AUGUST 31, 2018
PROJECT NO:	18320
CAD DWG FILE:	
DRAWN BY:	
CHK'D BY:	

BID/PERMIT SET
AUGUST 31, 2018

SHEET TITLE

SHEET NO: 1

SHEET 1 of 2

General Notes:

1. ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: GOVERNING UTILITY MUNICIPALITY, GOVERNING CITY OR COUNTY (IF UN-INCORPORATED), INDIVIDUAL PRODUCT MANUFACTURERS, AMERICAN PUBLIC WORKS ASSOCIATION (APWA), AND THE DESIGN ENGINEER. THE ORDER LISTED ABOVE IS ARRANGED BY SENIORITY. IF A CONSTRUCTION PRACTICE IS NOT SPECIFIED BY ANY OF THE LISTED SOURCES, CONTRACTOR MUST CONTACT DESIGN ENGINEER FOR DIRECTION.
2. CONTRACTOR TO STRICTLY FOLLOW GEOTECHNICAL RECOMMENDATIONS FOR THIS PROJECT. ALL GRADING INCLUDING BUT NOT LIMITED TO CUT, FILL, COMPACTION, ASPHALT SECTION, SUBBASE, TRENCH EXCAVATION/BACKFILL, SITE GRUBBING, RETAINING WALLS AND FOOTINGS MUST BE COORDINATED DIRECTLY WITH THE PROJECT GEOTECHNICAL ENGINEER.
3. TRAFFIC CONTROL, STRIPING & SIGNAGE TO CONFORM TO CURRENT GOVERNING AGENCIES TRANSPORTATION ENGINEER'S MANUAL AND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
4. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.
5. CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
6. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE.
7. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES.
8. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED THOROUGHLY REVIEWED PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
9. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ENGINEER OR INSPECTING AUTHORITY 48 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF CONSTRUCTION REQUIRING OBSERVATION.
10. ANY WORK IN THE PUBLIC RIGHT-OF-WAY WILL REQUIRE PERMITS FROM THE APPROPRIATE CITY, COUNTY OR STATE AGENCY CONTROLLING THE ROAD, INCLUDING OBTAINING REQUIRED INSPECTIONS.
11. ALL DIMENSIONS, GRADES & UTILITY DESIGNS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.
12. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFOREHAND.
13. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH BY THE GEOTECHNICAL ENGINEER.
14. CATCH SLOPES SHALL BE GRADED AS SPECIFIED ON GRADING PLANS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FLAGGING, CAUTION SIGNS, LIGHTS, BARRICADES, FLAGMEN, AND ALL OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
16. CONTRACTOR SHALL, AT THE TIME OF BIDDING AND THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED AND SHALL BE BONDABLE FOR AN AMOUNT EQUAL TO OR GREATER THAN THE AMOUNT BID AND TO DO THE TYPE OF WORK CONTEMPLATED IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PLANS AND SPECIFICATIONS.
17. CONTRACTOR SHALL INSPECT THE SITE OF THE WORK PRIOR TO BIDDING TO SATISFY HIMSELF BY PERSONAL EXAMINATION OR BY SUCH OTHER MEANS AS HE MAY PREFER OF THE LOCATIONS OF THE PROPOSED WORK AND OF THE ACTUAL CONDITIONS OF AND AT THE SITE OF WORK. IF, DURING THE COURSE OF HIS EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO HIM TO BE IN CONFLICT WITH THE LETTER OR SPIRIT OF THE PROJECT PLANS AND SPECIFICATIONS, HE SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING HIS BID. SUBMISSION OF A BID BY THE CONTRACTOR SHALL CONSTITUTE ACKNOWLEDGMENT THAT, IF AWARDED THE CONTRACT, HE HAS RELIED AND IS RELYING ON HIS OWN EXAMINATION OF (1) THE SITE OF THE WORK, (2) ACCESS TO THE SITE, AND (3) ALL OTHER DATA AND MATTERS REQUISITE TO THE FULFILLMENT OF THE WORK AND ON HIS OWN KNOWLEDGE OF EXISTING FACILITIES ON AND IN THE VICINITY OF THE SITE OF THE WORK TO BE CONSTRUCTED UNDER THIS CONTRACT. THE INFORMATION PROVIDED BY THE ENGINEER IS NOT INTENDED TO BE A SUBSTITUTE FOR, OR A SUPPLEMENT TO, THE CONTRACTOR'S INDEPENDENT VERIFICATION BY THE CONTRACTOR TO THE EXTENT SUCH INDEPENDENT INVESTIGATION OF SITE CONDITIONS IS DEEMED NECESSARY OR DESIRABLE BY THE CONTRACTOR. CONTRACTOR SHALL ACKNOWLEDGE THAT HE HAS NOT RELIED SOLELY UPON OWNER- OR ENGINEER-FURNISHED INFORMATION REGARDING SITE CONDITIONS IN PREPARING AND SUBMITTING HIS BID.
18. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION.
19. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER, ENGINEER, AND/OR GOVERNING AGENCIES.
20. CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
21. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE-TESTING AND/OR RE-INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.
23. IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING OR REPAIRING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND/OR REPLACEMENT. THERE WILL BE NO EXTRA COST DUE TO THE CONTRACTOR FOR REPLACING OR REPAIRING EXISTING IMPROVEMENTS.
24. WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
25. CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
26. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE HIGHEST QUALITY ARE TO BE USED.
27. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR. PRICES PROVIDED WITHIN THE CONTRACT DOCUMENTS SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE OF THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE COMPETENT, KNOWLEDGEABLE AND HAVE SPECIAL SKILLS IN THE NATURE, EXTENT AND INHERENT CONDITIONS OF THE WORK TO BE PERFORMED. CONTRACTOR SHALL ALSO ACKNOWLEDGE THAT THERE ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN THE CONSTRUCTION OF THE PARTICULAR FACILITIES WHICH MAY CREATE, DURING THE CONSTRUCTION PROGRAM, UNUSUAL OR UNSAFE CONDITIONS HAZARDOUS TO PERSONS, PROPERTY AND THE ENVIRONMENT. CONTRACTOR SHALL BE AWARE OF SUCH PECULIAR RISKS AND HAVE THE SKILL AND EXPERIENCE TO FORESEE AND TO ADOPT PROTECTIVE MEASURES TO ADEQUATELY AND SAFELY PERFORM THE CONSTRUCTION WORK WITH RESPECT TO SUCH HAZARDS.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL STRIPING AND/OR PAVEMENT MARKINGS NECESSARY TO TIE EXISTING STRIPING INTO FUTURE STRIPING. METHOD OF REMOVAL SHALL BE BY GRINDING OR SANDBLASTING.
29. CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 4 FEET OR MORE. FOR EXCAVATIONS 4 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH LOCAL, STATE AND NATIONAL SAFETY CODES, ORDINANCES. OR REQUIREMENTS FOR EXCAVATION AND TRENCHES.
30. ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL GATES AND FENCES FROM DAMAGE.

Maintenance:

ALL BEST MANAGEMENT PRACTICES (BMP'S) SHOWN ON THIS PLAN MUST BE MAINTAINED AT ALL TIMES UNTIL PROJECT CLOSE-OUT.

THE CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE MAKING BI-WEEKLY CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS NECESSARY. CHECKS SHALL BE DOCUMENTED AND COPIES OF THE INSPECTIONS KEPT ON SITE.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF BARRIER.

SEDIMENT TRACKED ONTO PAVED ROADS MUST BE CLEANED UP AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN THE END OF THE NORMAL WORK DAY. THE CLEAN UP WILL INCLUDE SWEEPING OF THE TRACKED MATERIAL, PICKING IT UP, AND DEPOSITING IT TO A CONTAINED AREA.

EXPOSED SLOPES:

ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:

A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED
B) TRACKING STRAW PERPENDICULAR TO SLOPES
C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET

Utility Notes:

1. CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE SERVICE, GAS SERVICE, CABLE, POWER, INTERNET.
2. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING A COMBINATION OF ON-SITE SURVEYS (BY OTHERS). PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD, THEIR MAIN AND SERVICE LINES 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE CONTRACTOR SHALL RECORD THE BLUE STAKES ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.
3. CONTRACTOR SHALL POT HOLE ALL UTILITIES TO DETERMINE IF CONFLICTS EXIST PRIOR TO BEGINNING ANY EXCAVATION. NOTIFY ENGINEER OF ANY CONFLICTS. CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES TO WHICH NEW UTILITIES WILL BE CONNECTED. PRIOR TO COMMENCING ANY EXCAVATION WORK THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE REQUIRED PROCEDURES.
4. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT HIS EXPENSE.
5. ALL VALVES AND MANHOLE COVERS SHALL BE RAISED OR LOWERED TO MEET FINISHED GRADE.
6. CONTRACTOR SHALL CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE.
7. CONTRACTOR SHALL GROUT AT CONNECTION OF PIPE TO BOX WITH NON-SHRINKING GROUT, INCLUDING PIPE VOIDS LEFT BY CUTTING PROCESS, TO A SMOOTH FINISH.
8. CONTRACTOR SHALL GROUT WITH NON-SHRINK GROUT BETWEEN GRADE RINGS AND BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX.
9. SILT AND DEBRIS IS TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A CLEANED CONDITION AS NEEDED UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
10. CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.
11. EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE TRENCH WALL SHALL BE SO BRACED THAT THE WORKMEN MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DE-WATERED CONDITIONS.
12. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
13. MAINTAIN A MINIMUM 18" VERTICAL SEPARATION DISTANCE BETWEEN ALL UTILITY CROSSINGS.
14. CONTRACTOR SHALL START INSTALLATION AT LOW POINT OF ALL NEW GRAVITY UTILITY LINES.
15. ALL BOLTED FITTINGS MUST BE GREASED AND WRAPPED.
16. UNLESS SPECIFICALLY NOTED OTHERWISE, MAINTAIN AT LEAST 2 FEET OF COVER OVER ALL STORM DRAIN LINES AT ALL TIMES (INCLUDING DURING CONSTRUCTION).
17. ALL WATER LINES SHALL BE INSTALLED A MINIMUM OF 60" BELOW FINISHED GRADE.
18. ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 10 FEET, PIPE EDGE TO PIPE EDGE, FROM THE WATER LINES. IF A 10 FOOT SEPARATION CAN NOT BE MAINTAINED, THE SEWER LINE AND WATER LINE SHALL BE LAID IN SEPARATE TRENCHES AND THE BOTTOM OF THE WATER LINE SHALL BE AT LEAST 18" ABOVE THE TOP OF THE SEWER LINE.
19. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
20. ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING.
21. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.
22. THRUST BLOCKS & RESTRAINED JOINTS WITH MEGA-LUG ADAPTERS REQUIRED ON ALL BENDS AND FITTINGS USING BLUE BOLTS. PROTECT ALL BOLTS FROM BEING ENCASED IN CONCRETE. INSTALL PER MANUFACTURER RECOMMENDATIONS.

Notice to Contractor:

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON RECORDS OF THE VARIOUS UTILITY COMPANIES AND/OR MUNICIPALITIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.

THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

NOTE:
1. SAWCUT EXISTING ASPHALT INSIDE FROM OUTER EDGE FOR TACK SEAL OF NEW ASPHALT
2. CONTRACTOR TO VERIFY 2% MIN. AND 5% MAX SLOPE FROM EDGE OF ASPHALT TO LIP OF GUTTER

Survey Control Note:

THE CONTRACTOR OR SURVEYOR SHALL BE RESPONSIBLE FOR FOLLOWING THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS (NSPS) MODEL STANDARDS FOR ANY SURVEYING OR CONSTRUCTION LAYOUT TO BE COMPLETED USING REEVE & ASSOCIATES, INC. SURVEY DATA OR CONSTRUCTION IMPROVEMENT PLANS. PRIOR TO PROCEEDING WITH CONSTRUCTION STAKING, THE SURVEYOR SHALL BE RESPONSIBLE FOR VERIFYING HORIZONTAL CONTROL FROM THE SURVEY MONUMENTS AND FOR VERIFYING ANY ADDITIONAL CONTROL POINTS SHOWN ON AN ALTA SURVEY, IMPROVEMENT PLAN, OR ANY ELECTRONIC DATA PROVIDED. THE SURVEYOR SHALL ALSO USE THE BENCHMARKS AS SHOWN ON THE PLAN, AND VERIFY THEM AGAINST NO LESS THAN FIVE (5) EXISTING HARD IMPROVEMENT ELEVATIONS INCLUDED ON THESE PLANS OR ON ELECTRONIC DATA PROVIDED. IF ANY DISCREPANCIES ARE ENCOUNTERED, THE SURVEYOR SHALL IMMEDIATELY NOTIFY REEVE & ASSOCIATES, INC. AND RESOLVE THE DISCREPANCIES BEFORE PROCEEDING WITH ANY CONSTRUCTION STAKING.

Erosion Control General Notes:

THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO GOVERNING AGENCIES ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE COUNTIES. ALSO, INSPECTORS WILL HAVE THE RIGHT TO CHANGE THE FACILITIES AS NEEDED.

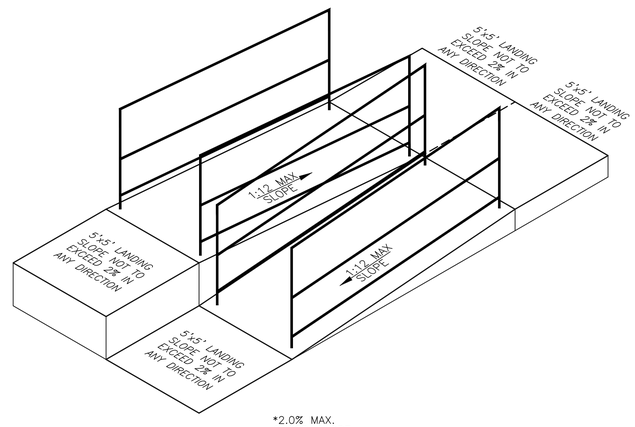
CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTRACTOR TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER. CONSTRUCTION WATER COST TO BE INCLUDED IN BID.

WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT OPEN FOR 14 DAYS OR MORE, THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS. THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FILE A "NOTICE OF INTENT" WITH THE GOVERNING AGENCIES.

IF SHEET IS LESS THAN 22"x 34" IT IS A REDUCED PRINT. REDUCE SCALE ACCORDINGLY



*2.0% MAX. CROSS-SLOPE

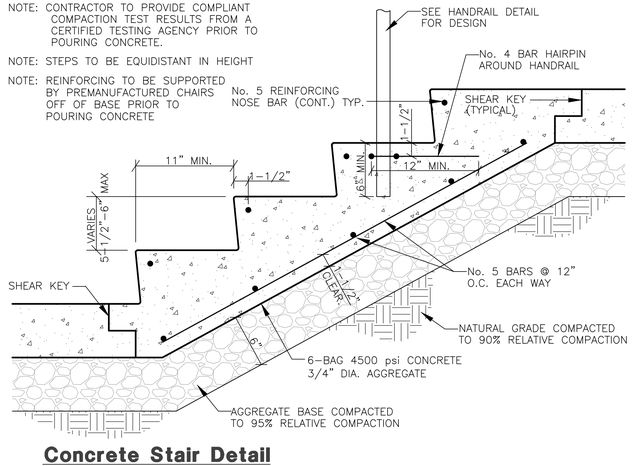
ADA Ramp With Rails

SCALE: NONE

NOTE: CONTRACTOR TO PROVIDE COMPLIANT COMPACTION TEST RESULTS FROM A CERTIFIED TESTING AGENCY PRIOR TO POURING CONCRETE.

NOTE: STEPS TO BE EQUIDISTANT IN HEIGHT

NOTE: REINFORCING TO BE SUPPORTED BY PREMANUFACTURED CHAIRS OFF OF BASE PRIOR TO POURING CONCRETE



Concrete Stair Detail

SCALE: NONE

CLH ARCHITECTS ENGINEERS
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LAND PLANNERS • CIVIL ENGINEERS
LAND SURVEYORS • TRAFFIC ENGINEERS
STRUCTURAL ENGINEERS • LANDSCAPE ARCHITECTS

PROJECT NUMBER: 6528-33
DRAWN BY: NF
ENGINEER: KH

STAMP

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
07/01/2025
STATE OF UTAH

HYRUM CITY

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE: AUGUST 31, 2018
PROJECT NO: 18320
CAD DWG FILE:
DRAWN BY:
CHK'D BY:

BID/PERMIT SET
AUGUST 31, 2018

SHEET TITLE

SHEET NO: 2

SHEET 2 of 2

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SHEAR WALL SCHEDULE

SYM.	SHEATHING		NAILING[2]				STUDS[3]			MIN.[1] SHEAR	ANCHOR BOLT	ANCHOR BOLT SPACING	COMMENTS
	THICK	TYPE	EDGE (E.N.)		FIELD (F.N.)		EDGE	FIELD					
			SIZE	SPACING	SIZE	SPACING	SIZE	SIZE	SPACING				
SW-1	7/16"	OSB	8d	6" O.C.	8d	12" O.C.	2x	2x	16" O.C.	240 PLF	5/8"Ø x10"	32" O.C.	-
SW-2	7/16"	OSB	8d	4" O.C.	8d	12" O.C.	3x	2x	16" O.C.	350 PLF	5/8"Ø x10"	32" O.C.	-
SW-3	7/16"	OSB	8d	3" O.C.	8d	12" O.C.	3x[4]	2x	16" O.C.	450 PLF	5/8"Ø x10"	16" O.C.	-
SW-4	7/16"	OSB	8d	2" O.C.	8d	12" O.C.	3x[4]	2x	16" O.C.	585 PLF	5/8"Ø x10"	16" O.C.	-
SW-5	7/16"	OSB	8d	4" O.C.	8d	12" O.C.	3x[7]	2x	16" O.C.	700 PLF	3/4"Ø x12"	16" O.C.	SHEATH BOTH SIDES. 3x SILL PL REQ.
SW-6	7/16"	OSB	10d	4" O.C.	10d	12" O.C.	3x[7]	2x	16" O.C.	1290 PLF	3/4"Ø x12"	16" O.C.	SHEATH BOTH SIDES. 3x SILL PL REQ.

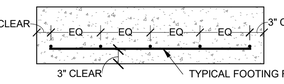
NOTES:

1. OSB SHEATHING SHALL BE TYPE C-D, C-C STRUCTURAL GRADE. ALL OTHER GRADES SHALL BE COVERED IN IBC SECTION 2303.1.4.
2. SHEATHING MAY BE INSTALLED ON EITHER SIDE OF WALL INDICATED, U.N.O.
3. SEE TABLE OF EQUIVALENT FASTENERS FOR APPROVED SUBSTITUTIONS.
4. STUDS SHALL BE DOUGLAS FIR-LARCH OR SOUTHERN PINE.
5. FASTENERS FOR PRESSURE PRESERVATIVE WOOD SHALL BE HOT-DIPPED, GALVANIZED STEEL OR STAINLESS STEEL.
6. (2) 2x NOMINAL STUDS MAY BE USED IN PLACE OF 3x NOMINAL STUDS PROVIDED THE (2) 2x NOMINAL STUDS ARE NAILED TOGETHER WITH 16d NAILS AT 3" O.C. STAGGER NAILING BETWEEN STUDS.
7. STUD MAY BE A 2x MINIMAL MEMBER PROVIDED PANEL JOINTS ON BOTH SIDES OF THE WALL ARE STAGGERED AND DO NOT SHARE THE SAME 2x NOMINAL STUD.
8. ALL HOLDOWNS MUST BE ANCHORED AS PER SIMPSON SPECS THROUGH A MIN. OF DOUBLE FULL LENGTH 2x STUDS. HOLDOWNS CAN NOT BE ANCHORED TO TRIMMERS OR CRIPPLES.
9. SIMPSON SET-XP ADHESIVE SYSTEM MAY BE USED AS PER MANUFACTURER'S SPECS TO ANCHOR BOLTS IN CONCRETE.
10. VALUES SHOWN ARE TO BE USED WHEN SEISMIC GOVERNS THE DESIGN AND MAY BE INCREASED 40% IF WIND GOVERNS.
11. USE "J" BOLTS W/ 3"x3"x1/4" STEEL PLATE WASHER AT EACH BOLT. PROVIDE A ROUND CUT WASHER BETWEEN THE NUT OF THE ANCHOR BOLT AND THE PLATE WASHER.

FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICK	LENGTHWISE REINF.		CROSSWISE REINF.			NOTES
				NO.	SIZE	NO.	SIZE	SPACING	
FC-2.0	2'-0"	CONT.	10"	3	#4	--	--	--	REBAR CONTINUOUS
FC-2.5	2'-6"	CONT.	10"	3	#4	--	#4	10"	
FC-3.0	3'-0"	CONT.	10"	4	#4	--	#4	10"	
FT-1.5	1'-6"	CONT.	10"	2	#4	--	--	--	THICKENED SLAB, REBAR CONTINUOUS
FS-3.0	3'-0"	3'-0"	10"	4	#4	4	#4	EQ.	
FS-4.0	4'-0"	4'-0"	10"	4	#5	4	#5	EQ.	

TYPICAL FOOTING SECTION



SIMPSON HOLDOWN SCHEDULE

HOLDOWN	MIN. POST	ANCHOR
LSTHD8	3"	--
STHD10	3"	--
STHD14	3"	--
HDU4	3"	SB5/8x24
HDU5	3"	SB5/8x24
HDU8	4-1/2"	SB7/8x24
HDU11	5-1/2"	SB1x30
HDU14	5-1/2"	SB1x30
MST37	3"	--
MST48	3"	--
MST60	3"	--
MST72	3"	--
(2) MST60	6"	--
(2) MST72	6"	--
HD12	5-1/2"	PAB8 *

* ANCHOR MUST EXTEND INTO FOOTING

FOUNDATION WALL SCHEDULE

MARK	MAX HEIGHT	WALL THICKNESS	VERTICAL REINF.		HORIZONTAL REINF.	
			SIZE	SPACING	SIZE	SPACING
FW-1	8'-0"	10"	#4	16" O.C.	#4	10" O.C.
FW-2	4'-0"	8"	#4	16" O.C.	#4	12" O.C.

IF SHEET IS LESS THAN 22"x 34"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

GENERAL NOTES:

1. VISITS TO THE JOB SITE BY REPRESENTATIVES OF THE ENGINEER DO NOT SUBSTITUTE APPROVAL OF THE WORK PERFORMED BY THE CONTRACTOR OR HIS SUBCONTRACTORS AND ARE MERELY FOR THE PURPOSE OF OBSERVING THE WORK PERFORMED.
2. CONTRACTOR SHALL NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN ALL CASES, UNLESS OTHERWISE DIRECTED, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN AND BE PERFORMED.
3. CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND ELEVATIONS, ETC., AT THE SITE AND SHALL COORDINATE WORK PERFORMED BY ALL TRADES. SEE ARCHITECT'S PLANS FOR DIMENSIONS. DO NOT SCALE DRAWINGS
4. SHOP DRAWINGS SHALL BE REVIEWED BY THE ENGINEER/ARCHITECT PRIOR TO FABRICATION OR ERECTION FOR ANY PREFABRICATED OR MANUFACTURER-DESIGNED COMPONENTS AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THIS STRUCTURE RESIDES.
5. SIZES, LOCATIONS, LOADS, AND ANCHORAGES OF EQUIPMENT SHALL BE VERIFIED IN THE FIELD WITH EQUIPMENT MANUFACTURERS (SUPPLIERS) PRIOR TO FABRICATION OR INSTALLATION OF SUPPORTING STRUCTURES.
6. TEMPORARY BRACING SHALL BE PROVIDED WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING WIND. SUCH BRACING SHALL BE LEFT IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY, OR UNTIL ALL THE STRUCTURAL ELEMENTS ARE INSTALLED.
7. DURING AND AFTER CONSTRUCTION THE CONTRACTOR AND/OR OWNER SHALL KEEP LOADS ON THE STRUCTURE WITHIN THE LIMITS OF THE DESIGN LOAD.
8. CONTRACTOR AND ALL SUBCONTRACTORS SHALL PERFORM THEIR TRADES AND DUTIES IN A MANNER CONFORMING TO THE PROCEDURES AND REQUIREMENTS AS STATED IN THE 2021 INTERNATIONAL BUILDING CODE, (OR LATEST ACCEPTED CODE ADOPTED BY THE LOCAL BUILDING OFFICIALS).
9. ANY SPECIAL INSPECTIONS REQUIRED BY THE BUILDING OFFICIAL OR THE INTERNATIONAL BUILDING CODE ARE THE RESPONSIBILITY OF THE OWNER.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION WITHIN AND ADJACENT TO THE JOB SITE.

FOOTINGS, FOUNDATIONS AND SLAB ON GRADE NOTES:

1. ALL FOOTING SIZES ARE BASED ON AN ALLOWABLE SOIL BEARING PRESSURE AS SHOWN IN THE DESIGN CRITERIA. ANY SOIL CONDITION ENCOUNTERED DURING EXCAVATION THAT IS CONTRARY TO THOSE USED FOR DESIGN OF FOOTINGS AS OUTLINED IN WORKING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING.
2. SOIL PREPARATION UNDER FOOTINGS AND SLABS ON GRADE SHALL BE IN ACCORDANCE WITH THE SOILS REPORT. FOR PROJECTS WITHOUT A SOILS REPORT CONTRACTOR/OWNER IS TO VERIFY ADEQUATE SOIL CONDITIONS ARE PROVIDED.
3. ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOIL OR ENGINEERED GRANULAR FILL COMPACTED TO 95% OF MAX. DENSITY, BASED ON ASTM D 1557 METHOD OF COMPACTION. FILL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES IN DEPTH AFTER COMPACTION AND SHALL EXTEND DOWN TO IN-SITU SOILS. FILL SHALL BE COMPACTED UNDER ALL CONCRETE WORK ON THE SITE.
4. NO FOOTINGS SHALL BE PLACED IN WATER, SNOW, FROZEN GROUND, OR UNSTABLE SOILS.
5. ALL EXCAVATIONS ADJACENT TO AND BELOW FOOTING ELEVATION FOR OTHER TRADES SHALL BE ACCOMPLISHED PRIOR TO POURING ANY FOOTINGS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR LATERALLY SUPPORTING ALL RETAINING TYPE FOUNDATION WALLS WHILE COMPACTING BEHIND WALLS AND UNTIL ALL SUPPORTING MEMBERS HAVE BEEN PLACED (SUCH AS FLOOR).
7. ALL REINFORCEMENTS SHALL BE SECURELY TIED IN PLACE PRIOR TO POURING CONCRETE.
8. PROVIDE DOWELS IN FOOTING AND FOUNDATIONS TO MATCH ALL VERTICAL BARS IN WALLS AND COLUMNS ABOVE, UNLESS NOTED OTHERWISE.
9. PROVIDE CONTROL JOINTS IN SLABS AT A MAX. OF 15 FT. O.C. EACH WAY AND AS SHOWN ON PLANS. AT EXTERIOR SLABS AND GARAGE FLOORS POUR SLABS BETWEEN CONTROL JOINTS SO THAT ADJACENT POURS ARE STAGGERED AT LEAST TWO DAYS APART.
10. ALL EXTERIOR FOOTINGS MUST BEAR AT OR BELOW FROST DEPTH, MEASURED FROM LOWEST ADJACENT FINAL GRADE.
11. UNLESS NOTED OTHERWISE, ALL FOOTINGS AT COLUMNS TO BE CENTERED BELOW COLUMNS.
12. UNLESS NOTED OTHERWISE, ALL FOOTINGS SHALL HAVE VERTICAL FACES FORMED WITH STANDARD FORMING MATERIALS (WOOD, METAL, ETC.). WITH PRIOR APPROVAL OF ARCHITECT AND ENGINEER, CONCRETE FOR FOOTINGS CAN BE PLACED IN EXCAVATED "SOIL" FORMS PROVIDED THAT THE DIMENSIONS ARE INCREASED 3" ON EACH SIDE.
13. SLABS ON GRADE SHALL BE 4 INCHES THICK CONCRETE UNDERLAIN BY FREE DRAINING MATERIAL.

CONCRETE NOTES:

1. ALL COLUMNS, RETAINING WALLS AND ALL EXTERIOR FLATWORK, CURBS, GUTTERS, ETC., SHALL BE NORMAL WEIGHT CONCRETE WITH A COMPRESSIVE STRENGTH EQUAL TO AT LEAST 4,000 LBS. PER SQUARE INCH WITHIN 28 DAYS AFTER POURING.
2. ALL SUSPENDED SLABS AND BEAMS SHALL BE NORMAL WEIGHT CONCRETE WITH A COMPRESSIVE STRENGTH EQUAL TO AT LEAST 5,000 LBS. PER SQUARE INCH WITHIN 28 DAYS AFTER POURING.
3. ALL FOOTINGS, FOUNDATIONS, INTERIOR SLABS ON GRADE, AND SUSPENDED SLABS ON DECK SHALL BE NORMAL WEIGHT CONCRETE WITH A COMPRESSIVE STRENGTH EQUAL TO A LEAST 3,000 LBS. PER SQUARE INCH WITHIN 28 DAYS AFTER POURING.
4. UNLESS OTHERWISE NOTED, ALL FOUNDATION WALL VERTICAL COLD JOINTS SHALL BE KEYED WITH A KEY 1-1/2" DEEP, A LENGTH 2" LESS THAN THE MEMBER, AND A WIDTH 1/2 OF THE MEMBER. REINFORCING SHALL BE CONTINUOUS THRU JOINT.
5. ALL OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED WITH (2) #5 BARS EXTENDING 2'-0" MIN. BEYOND THE EDGE OF THE OPENING AT EACH FACE OF OPENING.
6. ALL CONCRETE WORK SHALL BE PLACED, CURED, STRIPPED, AND PROTECTED AS DIRECTED BY THE SPECIFICATIONS AND ACI STANDARDS AND PRACTICES.
7. BEFORE CONCRETE IS POURED CHECK WITH ALL TRADES TO INSURE PROPER PLACEMENT OF ALL OPENINGS, SLEEVES, CURBS, CONDUITS, BOLTS, INSERTS, ETC. RELATIVE TO WORK.
8. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND FORMWORK.
9. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENT, CLIPS OR GROUNDS, REQUIRED TO BE ENCASED IN CONCRETE AND FLOOR LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS.
10. FOR STEPS IN FOUNDATION GREATER THAN 2 FEET, WRAP CORNER W/(2) #4 BARS EXTENDING 18" EACH DIRECTION.
11. STRUCTURAL CONCRETE HAS BEEN DESIGNED AT 2,500 LBS. PER SQUARE INCH AND SPECIFIED AT A HIGHER STRENGTH CONCRETE AS STATED ABOVE. NO SPECIAL INSPECTIONS ARE REQUIRED PER IBC SECTION 1705.3.

ROOF TRUSS NOTES:

1. ROOF IS TO BE CONSTRUCTED OF A PRE-MANUFACTURED TRUSS SYSTEM DESIGNED BY TRUSS MANUFACTURER.
2. DESIGN TRUSSES TO LIMIT DEFLECTION TO SPAN (IN.) DIVIDED BY 240.
3. CHECK DIMENSIONS WITH ARCH. DRAWINGS. TRUSS MANUFACTURER IS RESPONSIBLE TO PROVIDE WEB AND CHORD MEMBERS TO SATISFY LOAD REQUIREMENTS.
4. SEE ARCHITECTURAL DRAWINGS FOR VAULTS, TRAY CEILINGS, CEILING HEIGHTS, ETC.
5. GIRDER TO GIRDER CONNECTIONS PER TRUSS MANUFACTURER.
6. TRUSS LAYOUT SHALL FOLLOW THE STRUCTURAL PLANS, OR TRUSS SHOP DRAWINGS NEED TO BE SUBMITTED TO REEVE AND ASSOCIATES FOR REVIEW.

LUMBER NOTES:

1. MEMBER GRADES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
   - GLU-LAM BEAMS 24F-V4 DF/DF
   - JOISTS DOUGLAS-FIR/LARCH #2
   - HEADERS DOUGLAS-FIR/LARCH #2
   - COLUMNS DOUGLAS-FIR/LARCH #2
   - STUDS NONBEARING WALLS DOUGLAS-FIR/LARCH #2
   - PRE-FAB JOISTS AS PER MANUFACTURER
   - SILL PLATES IN CONTACT WITH CONCRETE TREATED FOR MOISTURE PROTECTION DOUGLAS-FIR/LARCH #2
2. WHERE NOT NOTED OTHERWISE, CONNECT ALL WOOD TO CONCRETE, WOOD TO STEEL AND WOOD TO WOOD (EXCEPT STUD TO PLATE) WITH SIMPSON STRONG-TIE OR EQUAL STRUCTURAL CONNECTORS. ANY OTHER SUBSTITUTION MUST BE APPROVED BY THE ENGINEER.
3. WHERE MULTIPLE SILL PLATES ARE USED, ANCHOR BOLTS SHALL EXTEND THROUGH ALL SILL PLATES.
4. BLOCK ALL HORIZONTAL EDGES OF PLYWOOD WALL SHEATHING WITH 2" NOMINAL BLOCKING. BLOCK EDGES OF PLYWOOD ON FLOORS AND ROOF AS DIRECTED ON DRAWINGS.
5. SOLID 2" NOMINAL BLOCKING SHALL BE PROVIDED AT ENDS OR POINTS OF SUPPORT OF ALL WOOD JOISTS. CROSS BRIDGING OF NOT LESS THAN 1"x3" MATERIAL SHALL BE PLACED IN ROWS BETWEEN SUPPORT POINTS NOT TO EXCEED 8'-0" APART, FOR SPANS OF 18'-0" AND GREATER.
6. ALL LEDGER BOLTS SHALL HAVE PLATE WASHERS WITH A MIN. DIA. EQUAL TO 3 TIMES THE BOLT DIA. UNLESS SHOWN OTHERWISE IN DETAILS.
7. MIN. NAILING SHALL BE AS PER SECTION 2304.9.1 OF THE INTERNATIONAL BUILDING CODE.
8. FASTENERS SUCH AS STAPLES, CAN ONLY BE SUBSTITUTED FOR NAILS AT A RATE EQUAL TO LOAD VALUES PROVIDED BY I.C.B.O. APPROVAL. SEE ATTACHED SCHEDULE.
9. JOISTS SHALL HAVE BRIDGING, BLOCKING AND NOTCHED BEARING PL AS RECOMMENDED BY THE MANUFACTURER WITH A MIN. OF ONE ROW OF BRACING AT MID SPAN MANUFACTURER SHALL SUPPLY AND CONTRACTOR SHALL INSTALL.
10. ALL PRE-MANUFACTURED WOOD PRODUCTS SHALL BE PROVIDED BY TRUSS JOIST, BOISE CASCADE CORP, OR LOUISIANA PACIFIC CORP. ANY OTHER SUBSTITUTION MUST BE APPROVED BY THE ENGINEER.
11. FASTENERS FOR PRESSURE PRESERVATIVE WOOD SHALL BE HOT-DIPPED, GALVANIZED STEEL OR STAINLESS STEEL.
12. BEAM SIZES ARE BASED ON A MIN. STRENGTH REQUIREMENTS. SIZES MAY BE INCREASED FOR ARCHITECTURAL OR CONSTRUCTION PURPOSES.
13. TYPICAL DOOR/WINDOW HEADERS TO BE (2) 2X8 UNLESS NOTED OTHERWISE.
14. 2-PLY AND 3-PLY PRE-ENGINEERED WOOD BEAMS SHALL BE NAILED TOGETHER AS PER MANUFACTURER'S SPECIFICATIONS. 4-PLY AND GREATER PRE-ENGINEERED WOOD BEAMS SHALL BE ATTACHED W/ (2) ROWS 1/2"Ø THRU-BOLTS @ 12" o.c., SPACED 2" FROM TOP AND BOTTOM OF BEAM. SEE MANUFACTURES SPECIFICATIONS FOR ALL OTHER CONNECTION CONDITIONS.
15. SOLID BLOCKING OR SQUASH BLOCKS REQUIRED IN JOIST SPACE AT ALL COLUMN LOCATIONS. CARRY ALL COLUMN LOADS DOWN TO FTG. OR FDN.
16. ROOF SHEATHING SHALL BE 7/16" APA RATED SHEATHING W/SPAN RATING OF 24/16. LAY SHEATHING WITH FACE GRAIN AT RIGHT ANGLES TO FRAMING WITH END JOINTS STAGGERED.
17. FLOOR SHEATHING SHALL BE 3/4" T&G WAFER BOARD GLUED & NAILED. GLUE SHALL CONFORM TO AFG-01 ACCORDING TO APA SPECIFICATIONS.
18. WALL SHEATHING SHALL BE 7/16" APA RATED SHEATHING. SEE SHEAR WALL SCHEDULE FOR MORE INFORMATION.
19. UNLESS NOTED OTHERWISE, 8d NAILS SHALL BE USED TO FASTEN ALL ROOF AND WALL SHEATHING, AND 10d NAILS SHALL BE USED TO FASTEN ALL FLOOR SHEATHING TO SUPPORTING FRAMING AS FOLLOWS.
    a. BOUNDARY NAILING "BN": 4" O.C. AT ALL ROOF AND FLOOR SHEATHING INTO BEARING AND/OR SHEAR WALLS, TOP AND BOTTOM OF WALLS.
    b. PANEL EDGE NAILING "EN": 6" O.C. AT ALL OTHER PLYWOOD PANEL EDGES.
    c. PANEL FIELD NAILING "FN": 12" O.C. AT INTERIOR SUPPORTS IN FIELD OF PANEL.
20. BLOCK JOISTS, RAFTERS AND/OR TRUSSES SOLID AT ALL BEARING POINTS.
21. PROVIDE (2) 2x STUD COLUMN AT ALL BEAMS, HEADERS, AND GIRDER TRUSS BEARING LOCATIONS TYPICAL UNLESS NOTED OTHERWISE.
22. ALL BOLTS THRU WOOD SHALL BE ASTM A307 AND SHALL HAVE HARDENED WASHERS UNDER ASTM A563 HEAVY HEX NUTS AND BOLT HEADS.
23. UNLESS NOTED OTHERWISE, ALL WALL BOTTOM PLATES TO BE ANCHORED TO FOUNDATIONS OR FOOTINGS WITH 5/8" DIAMETER ANCHOR BOLTS AT 32" O.C. WITH 8" MIN. EMBEDMENT. WALL BOTTOM PLATES AT SHEAR WALLS SHALL INCLUDE 3"x3"x1/4" STEEL PLATE WASHERS. PROVIDE A ROUND CUT WASHER BETWEEN THE NUT OF THE ANCHOR BOLT AND THE PLATE WASHER.
24. UNLESS OTHERWISE NOTED, ALL BEARING WALL STUDS SHALL BE 2X6 SPACED AT 16" O.C. BLOCK ALL NON-SHEATHED BEARING WALLS AT 4'-0" O.C.
25. EXTERIOR WALLS SHALL HAVE DOUBLE 2x TOP PLATES SPLICED WITH A MIN. OF 48" OF OVERLAP AND SHALL BE CONNECTED WITH A MIN. OF (12) 16d NAILS.

REINFORCING STEEL NOTES:

1. ALL REINFORCING BARS SHALL CONFORM TO ASTM STANDARD A-615 GRADE 60. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM STANDARD A-185, SHALL BE SUPPLIED IN FLAT SHEETS AND SHALL HAVE A MIN. SIDE LAP OF 8 INCHES. ADEQUATELY TIE AND SUPPORT ALL REINFORCING STEEL AS SPECIFIED BY ACI 315 TO MAINTAIN EXACT REQUIRED POSITION. ALL FIELD BENT DOWELS SHALL BE GRADE 40 WITH SPACING INDICATED REDUCED BY 1/3.
2. REINFORCEMENT SHALL HAVE THE FOLLOWING CONCRETE COVERAGE:
   A. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH . . . 3" .
   B. EXPOSED TO EARTH OR WEATHER:
      #6 & LARGER . . . . . 2"
      #5 & SMALLER . . . . . 1 1/2"
   C. NOT EXPOSED TO WEATHER OR EARTH:
      SLABS, WALLS, JOISTS, #11 & SMALLER . . . . . 3/4"
      BEAMS, COLUMNS: MAIN REINFORCING OR TIES . . . . 1 1/2"
   D. SLAB ON GRADE:
      PLACE REINFORCING AT CENTER OF SLAB UNLESS INDICATED OTHERWISE.
3. EXCEPT WHERE NOTED, CONTINUOUS REINFORCEMENT SHALL BE SPLICED AT POINTS OF MIN. STRESS BY LAPPING 44 BAR DIAMETERS IN CONCRETE AND 50 BAR DIAMETERS IN MASONRY.
4. ALL VERTICAL REINFORCING SHALL BE DOWELED TO FOOTINGS OR STRUCTURE BELOW WITH DOWELS TO MATCH. SPLICE LENGTHS SHALL COMPLY WITH NOTE 3. DOWELS INTO FOOTINGS SHALL TERMINATE WITH A STANDARD HOOK, AND SHALL EXTEND TO WITHIN 4" OF THE BOTTOM OF THE FOOTING, BUT NOT MORE THAN 20" INTO FOOTING.
5. DO NOT WELD REINFORCING EXCEPT AS NOTED ON PLANS. WHERE REINFORCING IS WELDED, USE ASTM A706 REINFORCING.

BRICK VENEER NOTE:

1. WALL TIES SHALL BE SPACED SO AS TO SUPPORT NOT MORE THAN 2 SQUARE FEET (0.19 M) OF WALL AREA BUT SHALL NOT BE MORE THAN 24 INCHES (610 MM) ON CENTER HORIZONTALLY.
2. THE JOINT REINFORCEMENT SHALL BE CONTINUOUS WITH LAP SPLICES BETWEEN TIES REQUIRED. (OR AS REQUIRED BY LOCAL CODES.)

EPOXY NOTE:

1. EPOXY IN CONCRETE SHALL BE "HIT RE 500 SD" BY HILTI CORPORATION, "EPCON INJECTION SYSTEM" BY RAMSET/REDHEAD, "POWER-FAST, STANDARD SET" BY POWERS, OR APPROVED EQUAL.
2. ALL DRILLED HOLES SHALL BE SIZED PER THE MANUFACTURERS' RECOMMENDATIONS.
3. AFTER DRILLING THE PROPER SIZE HOLE, CLEAN THE WALLS AND BOTTOM OF THE HOLE OF ALL DUST AND DEBRIS USING A NYLON BRUSH IN CONJUNCTION WITH OIL FREE COMPRESSED AIR. THE HOLE SHALL BE FREE OF DUST, DEBRIS AND STANDING WATER.
4. FOLLOW ALL MANUFACTURERS' RECOMMENDATIONS FOR EPOXY INSTALLATION.

DESIGN CRITERIA:

GOVERNING CODE 2021 IBC
RISK CATEGORY II

EARTHQUAKE

IMPORTANCE FACTOR I_E = 1.00
RESPONSE MODIFICATION COEFFICIENT R = 6.5
SPECTRAL RESPONSE COEFFICIENTS S_S = 1.063g
S_1 = 0.360g
S_{DS} = 0.851g
S_{D1} = 0.466g
SEISMIC DESIGN CATEGORY D
SOIL SITE CLASS D (ASSUMED)
BASIC SEISMIC-FORCE-RESISTING SYSTEM WOOD SHEAR WALL
DESIGN BASE SHEAR $V=C_SW$
ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE PROCEDURE

WIND

BASIC WIND SPEED (3 SECOND GUST) 115 MPH
EXPOSURE C

SOIL

FROST DEPTH 30" MIN.
SOIL BEARING PRESSURE 1500 PSF (ASSUMED)

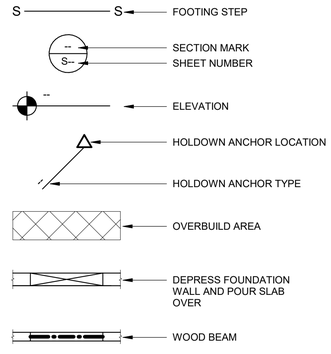
CONTRACTOR/OWNER TO VERIFY ADEQUATE BEARING CONDITIONS ARE PROVIDED.

ROOF

DEAD LOAD 15 PSF
SNOW GROUND 53 PSF
ROOF SNOW 37 PSF

LEGEND OF SYMBOLS AND ABBREVIATIONS

AB.	=	ANCHOR BOLT
ABV.	=	ABOVE
ARCH.	=	ARCHITECT
BN.	=	BOUNDARY NAILING
BLW.	=	BELOW
CL.	=	CENTERLINE
CMU.	=	CONCRETE MASONRY UNIT
COL.	=	COLUMN
CONC.	=	CONCRETE
CONT.	=	CONTINUOUS
DBA.	=	DEFORMED BAR ANCHOR
EN.	=	EDGE NAILING
EQ.	=	EQUAL
ELEV.	=	ELEVATION
EW.	=	EACH WAY
FDN.	=	FOUNDATION
FN.	=	FIELD NAILING
FTG.	=	FOOTING
GLB.	=	GLUELAM BEAM
HORIZ.	=	HORIZONTAL
IBC.	=	INTERNATIONAL BUILDING CODE
HSA.	=	HEADED STUD ANCHOR
LLH.	=	LONG LEG HORIZONTAL
LLV.	=	LONG LEG VERTICAL
MAX.	=	MAXIMUM
MECH.	=	MECHANICAL
MIN.	=	MINIMUM
OAE.	=	OR APPROVED EQUAL
O.C.	=	ON CENTER
OPP.	=	OPPOSITE
PSW.	=	PERFORATED SHEAR WALL
PL.	=	PLATE
PLM.	=	PARALLAM
REINF.	=	REINFORCEMENT
REQD.	=	REQUIRED
SCHED.	=	SCHEDULE
STRUCT.	=	STRUCTURAL
SW.	=	SHEAR WALL
SIM.	=	SIMILAR
SQ.	=	SQUARE
TYP.	=	TYPICAL
UNO.	=	UNLESS NOTED OTHERWISE
VERT.	=	VERTICAL



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DRAWN BY: A.W.B. ENGINEER: J.M.G. PROJECT #: 6528-33

STAMP

PROFESSIONAL ENGINEER
JASON M. GUDMUNDSON
7914241
07/09/2025
STATE OF UTAH

HYRUM CITY

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	JULY 02, 2025
PROJECT NO:	18320
CAD DWG FILE:	
DRAWN BY:	A.W.B.
CHK'D BY:	J.M.G.

BID/PERMIT SET

JULY 02, 2025

SHEET TITLE

GENERAL STRUCTURAL NOTES

SHEET NO:

S001

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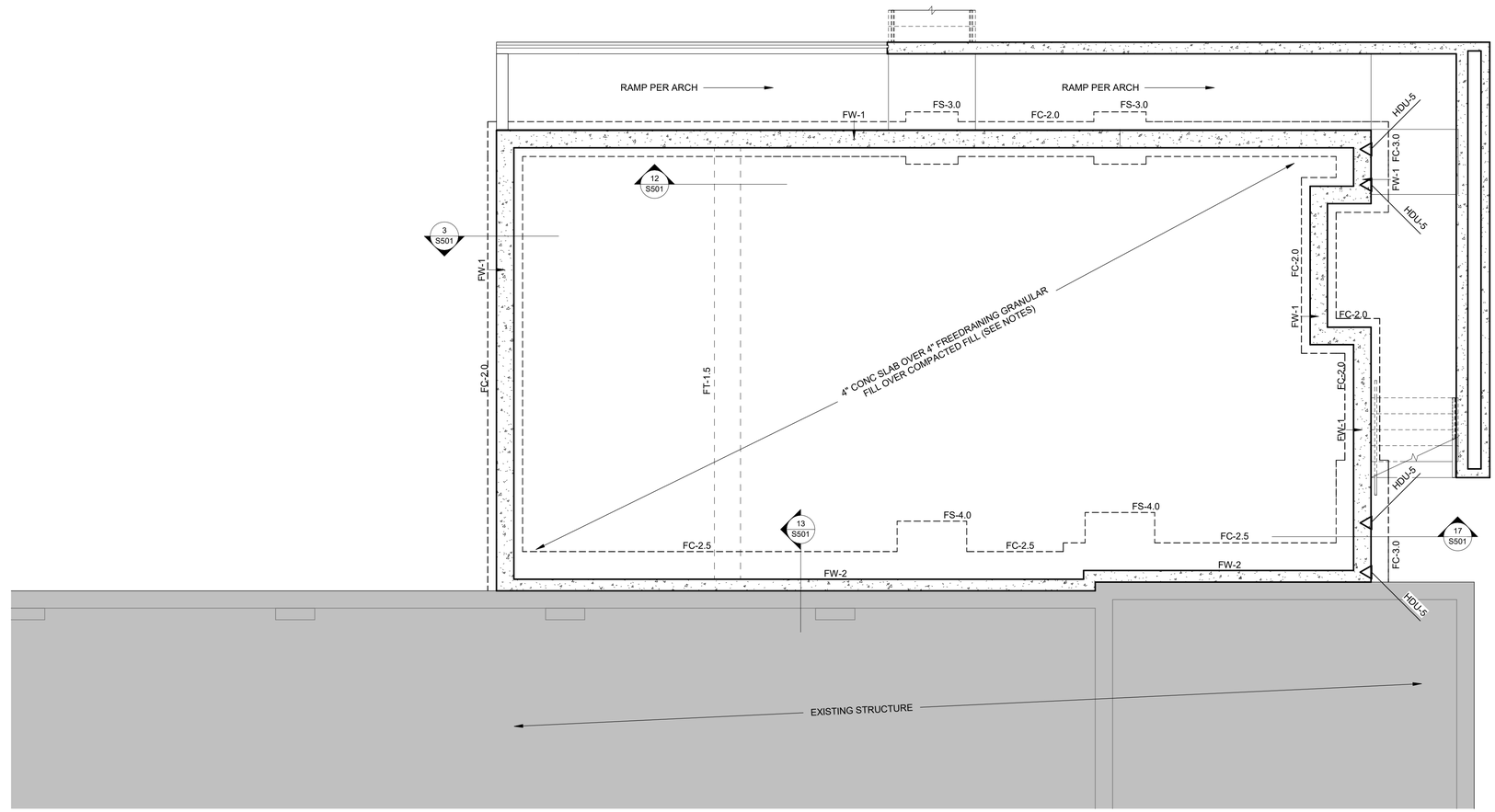

1 FOOTING AND FOUNDATION PLAN
1/4" = 1'-0"

IF SHEET IS LESS THAN 22"x 34"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

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CHK'D BY:	J.M.G.

BID/PERMIT SET

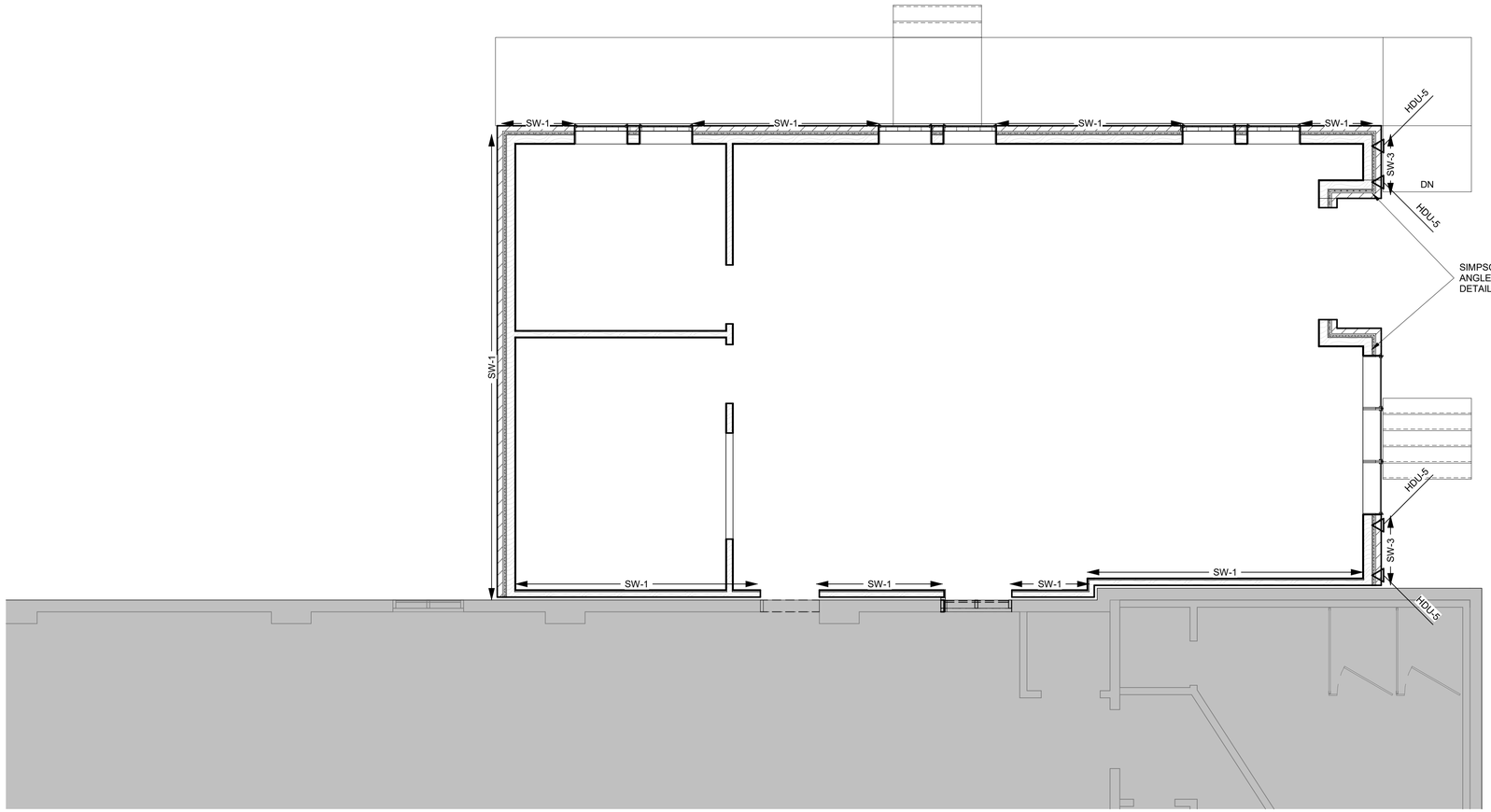
JULY 02, 2025

SHEET TITLE

FOUNDATION PLAN

SHEET NO:

S101



1 SHEAR WALL PLAN
1/4" = 1'-0"

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98 WEST MAIN ST.
HYRUM, UTAH

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ISSUE DATE:	JULY 02, 2025
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CAD DWG FILE:	
DRAWN BY:	A.W.B.
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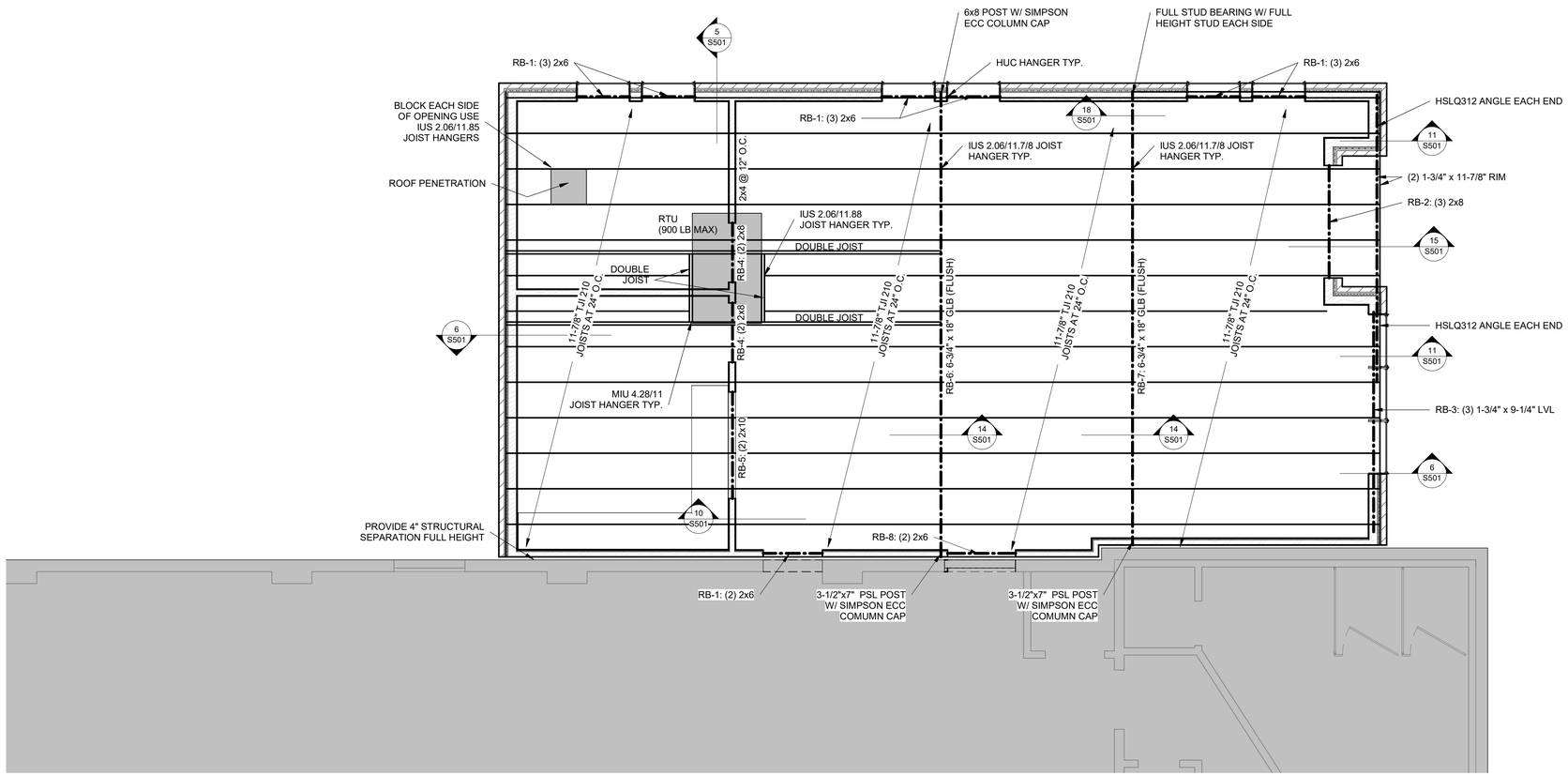
SHEET TITLE

SHEAR WALL PLAN

SHEET NO:

S102



1 ROOF FRAMING PLAN
1/4" = 1'-0"

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CAD DWG FILE:	
DRAWN BY:	A.W.B.
CHK'D BY:	J.M.G.

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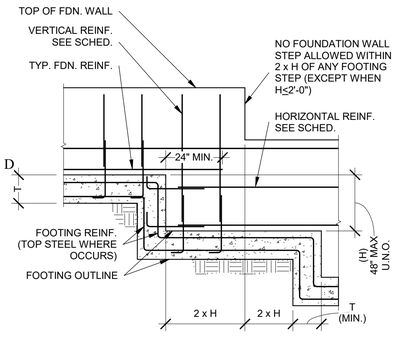
JULY 02, 2025

SHEET TITLE

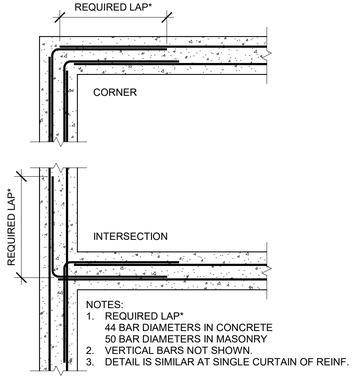
ROOF FRAMING PLAN

SHEET NO:

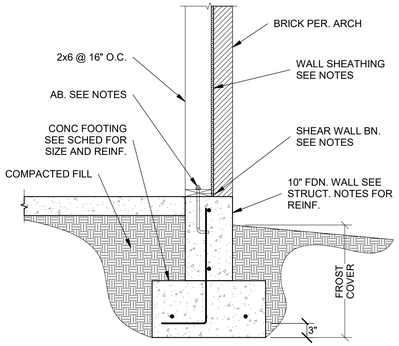
S103



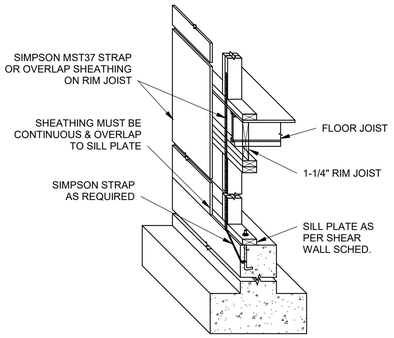
1 STEP FOOTING (TYP.)
NOT TO SCALE



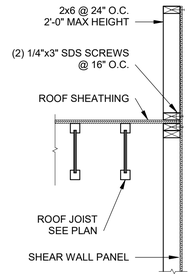
2 HORIZONTAL REINFORCEMENT (TYP.)
NOT TO SCALE



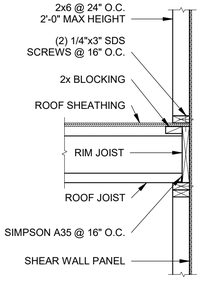
3 FOUNDATION TO WALL DETAIL
NOT TO SCALE



4 SHEAR WALL DETAIL (TYP.)
NOT TO SCALE



EXTERIOR SHEAR WALL CONNECTION DETAIL (JOIST PARALLEL TO WALL)
5 NOT TO SCALE

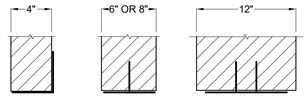


EXTERIOR SHEAR WALL CONNECTION DETAIL (JOIST PERPENDICULAR TO WALL)
6 NOT TO SCALE

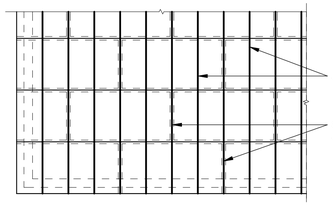
STEEL LINTEL SCHED.		
CLEAR OPENING	SIZE ANGLE	MIN. BEARING
UP TO 5'-0"	3 1/2" x 3" x 1/4"	6"
5'-1" TO 7'-0"	3 1/2" x 3 1/2" x 1/4"	7"
7'-1" TO 9'-0"	5" x 3 1/2" x 1/4"	9"
9"-1" TO 10'-0"	5" x 3 1/2" x 5/16"	10"
10'-1" TO 14'-0"	6" x 3 1/2" x 3/8"	14"
14'-1" TO 18'-0"	8" x 4" x 7/16"	18"
18'-1" AND OVER	ANALYSIS REQ.	

LINTEL NOTE:
LINTELS CARRY MASONRY ONLY. WHERE FLOORS, ROOFS, OR CONCENTRATED LOADS OCCUR, FURTHER ANALYSIS IS NECESSARY. USE THIS SCHED. UNLESS NOTED OTHERWISE.

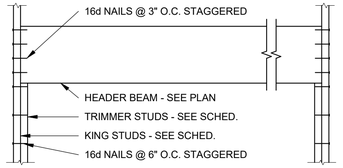
TYPICAL OF



7 BRICK VENEER DETAIL
NOT TO SCALE



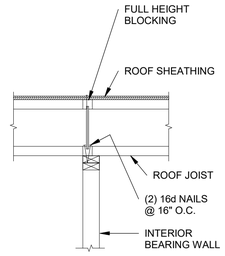
8 HORIZONTAL SHEATHING LAYOUT (TYP.)
NOT TO SCALE



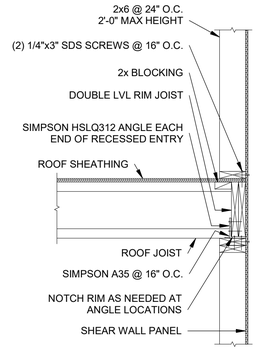
LOWER LEVEL - FLOOR AND ROOF LOAD		
OPENING SIZE	KING STUDS	TRIMMER STUDS
UP T0 4'-0"	(2) 2x4 or (2) 2x6	(2) 2x4 or (1) 2x6
4'-1" T0 8'-0"	(3) 2x4 or (3) 2x6	(3) 2x4 or (2) 2x6
8'-1" T0 12'-0"	(4) 2x4 or (3) 2x6	(4) 2x4 or (3) 2x6
OVER 12'-0"	SEE PLAN OR CONTACT ENGINEER	

UPPER LEVEL - ROOF LOAD ONLY		
OPENING SIZE	KING STUDS	TRIMMER STUDS
UP T0 4'-0"	(2) 2x4 or (2) 2x6	(2) 2x4 or (1) 2x6
4'-1" T0 8'-0"	(3) 2x4 or (3) 2x6	(2) 2x4 or (2) 2x6
8'-1" T0 12'-0"	(4) 2x4 or (3) 2x6	(3) 2x4 or (3) 2x6
OVER 12'-0"	SEE PLAN OR CONTACT ENGINEER	

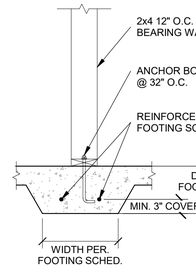
9 HEADER CONNECTION DETAIL
NOT TO SCALE



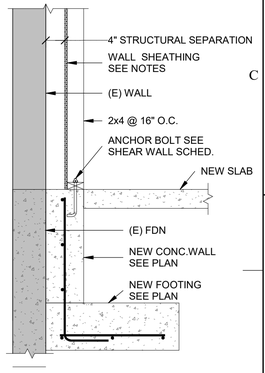
10 INTERIOR BEARING WALL DETAIL
NOT TO SCALE



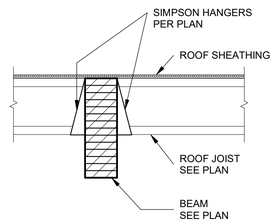
EXTERIOR SHEAR WALL CONNECTION DETAIL (JOIST PERPENDICULAR TO WALL)
11 NOT TO SCALE



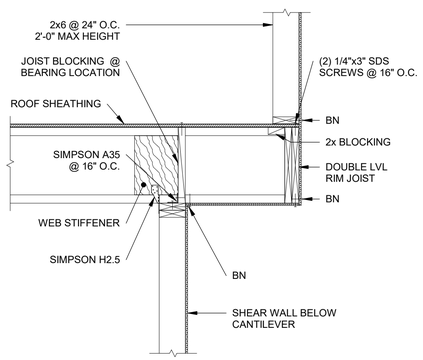
12 THICKENED SLAB DETAIL
NOT TO SCALE



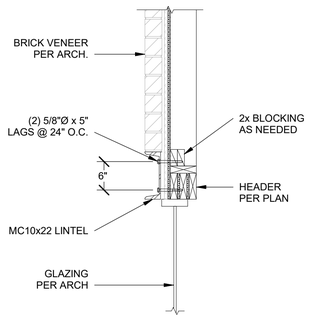
13 THICKENED SLAB EXTERIOR DETAIL
NOT TO SCALE



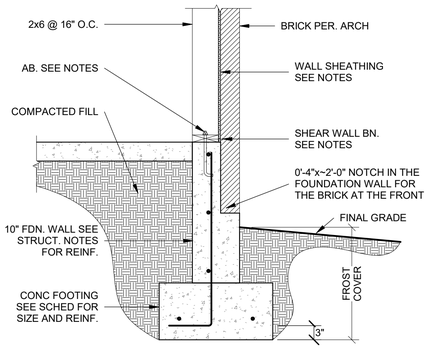
14 FLUSH BEAM CONNECTION DETAIL
NOT TO SCALE



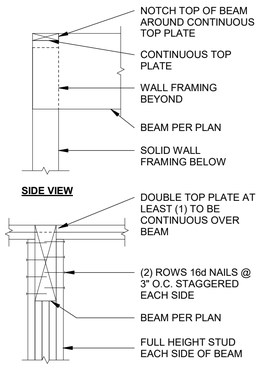
15 CANTILEVERED ROOF JOIST DETAIL
NOT TO SCALE



16 HEADER DETAIL
NOT TO SCALE



17 FOUNDATION TO WALL DETAIL
NOT TO SCALE



18 CANTILEVERED ROOF JOIST DETAIL
NOT TO SCALE

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7914241
07/09/2025
STATE OF UTAH

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	JULY 02, 2025
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CAD DWG FILE:	
DRAWN BY:	A.W.B.
CHK'D BY:	J.M.G.

BID/PERMIT SET

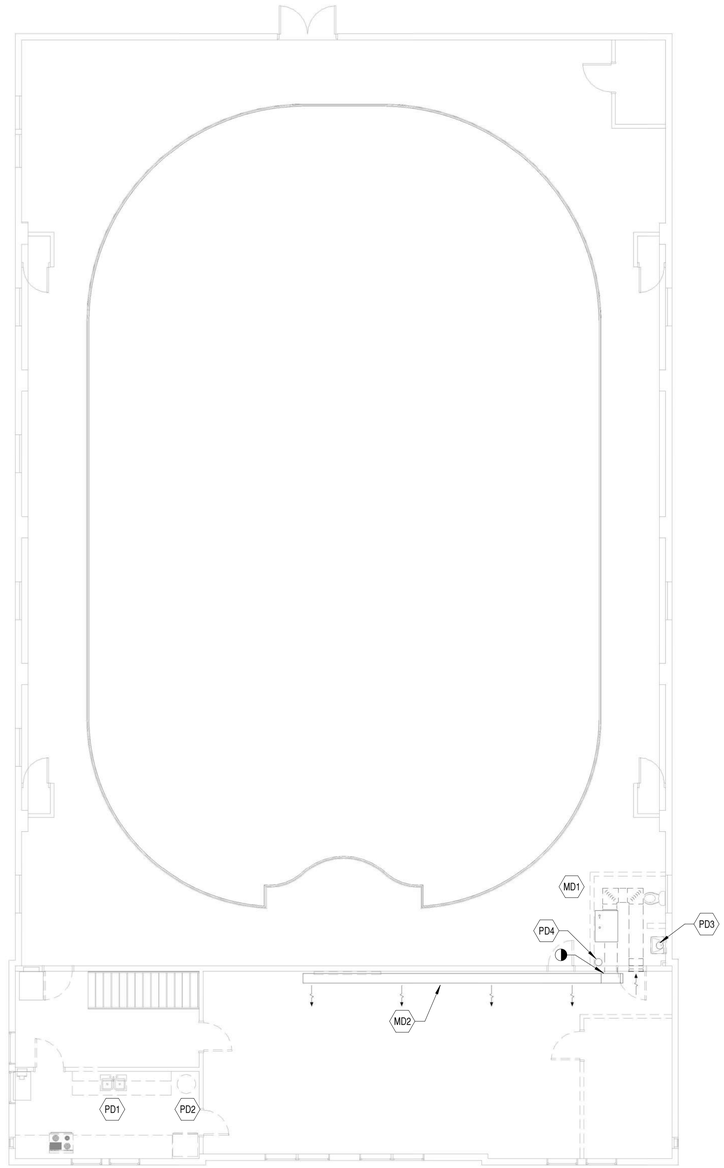
JULY 02, 2025

SHEET TITLE

FOOTING AND FOUNDATION DETAILS

SHEET NO:

S501



A4 EXISTING SECOND FLOOR MECHANICAL DEMOLITION PLAN

1/8" = 1'-0"

0 4' 8' 16'

PLUMBING DEMOLITION KEYED NOTES

MARK	NOTE
PD1	DEMOLISH EXISTING SINK, WATER, SANITARY SEWER , AND VENT TO LAST POINT OF CONNECTION NO DEAD ENDS SHALL REMAIN.
PD2	REMOVE AND RELOCATE EXISTING WATER HEATER TO BE REUSED SEE P402.
PD3	REMOVE 3" VENT THRU ROOF AND VENT PIPING TO SERVICE SINK ON FIRST FLOOR.
PD4	MODIFY GAS PIPING TO CONNECT TO NEW FURNACE LOCATION. REFER TO MECHANICAL SHEETS.

MECHANICAL DEMOLITION KEYED NOTES

MARK	NOTE
MD1	REMOVE FURNACE, DUCTWORK, GRILLES, AND VENT PIPING AS NEEDED TO RELOCATE FURNACE FROM MECHANICAL MEZZANINE TO NEW LOCATION ABOVE CEILING.
MD2	EXISTING DUCTWORK TO REMAIN.

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CONSULTANTS

STAMP

PROFESSIONAL ENGINEER
No.12292400-2202
BRIAN JAY GRIESMER
STATE OF UTAH
7/8/2025

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	SN

BID/PERMIT SET

JULY 08, 2025

SHEET TITLE

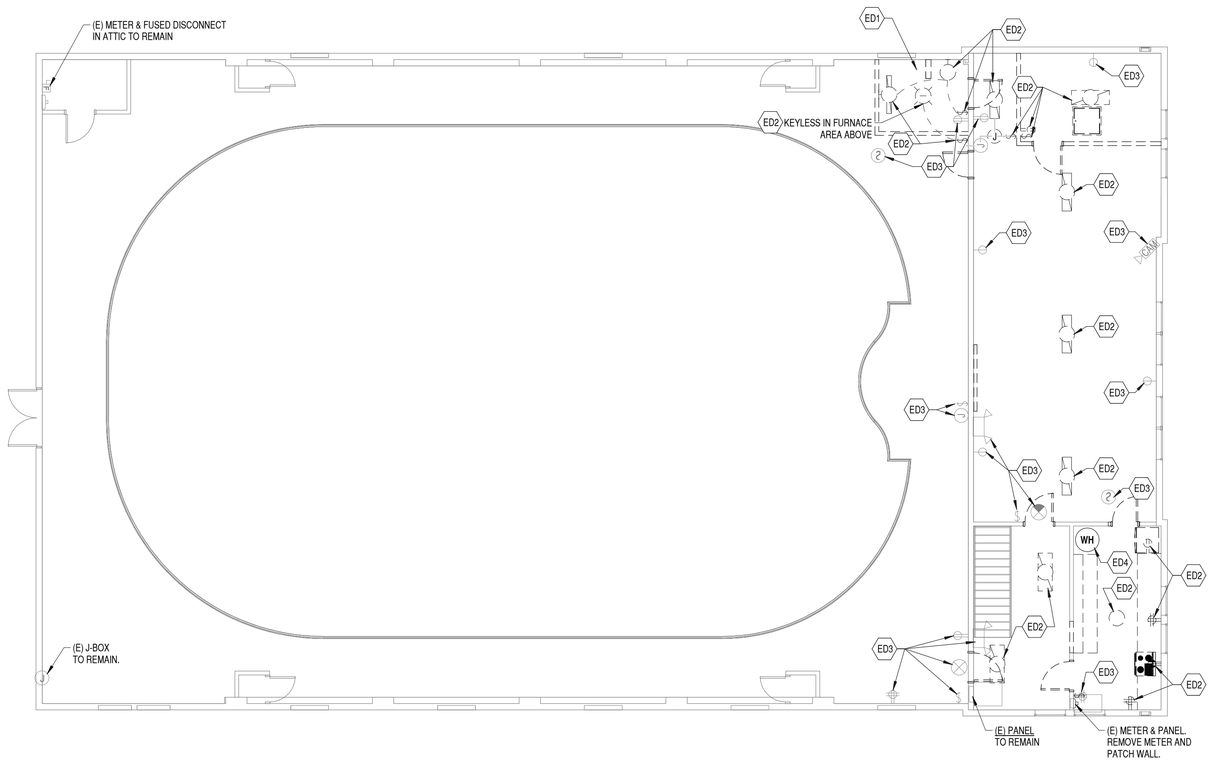
MECHANICAL AND PLUMBING DEMOLITION PLAN

SHEET NO:

MPD401

ELECTRICAL DEMOLITION KEYED NOTES

MARK	NOTE
ED1	EXTEND EXISTING CIRCUIT FOR FURNACE TO NEW LOCATION IN ATTIC.
ED2	REMOVE EXISTING DEVICE, CONDUIT & WIRE BACK TO J-BOX.
ED3	EXISTING DEVICE TO REMAIN. MAINTAIN OR CONNECT TO EXISTING CIRCUIT IN AREA. PROVIDE NEW DEVICE ON EXISTING CIRCUIT.
ED4	TO BE RELOCATED.



A2 ELECTRICAL DEMOLITION PLAN - 2nd FLOOR

1/8" = 1'-0"

0 4' 8' 16'

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35668
MARC L. GOULD
07/08/2025
STATE OF UTAH

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	JAC
CHK'D BY:	MLG

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JULY 08, 2025

SHEET TITLE

ELECTRICAL DEMOLITION PLAN - 2nd FLOOR/ATTIC

SHEET NO:

ED102

GENERAL NOTES FOR ARCHITECTURAL DRAWINGS

Division 01 - General Requirements
1. Contractor shall verify all existing conditions, dimensions, and elevations on site. Any discrepancies or conflicts shall be brought to the attention of the Architect prior to proceeding with related work.
2. All work shall comply with applicable local, state, and national codes including the International Building Code (IBC), ADA Standards, energy code, fire and life safety codes, and requirements of authorities having jurisdiction (AHJ).
3. Do not scale drawings. Use figured dimensions. Where dimensions are not given, consult the Architect.
4. Contractor is responsible for all construction means, methods, techniques, sequences, and procedures.
5. Contractor shall coordinate with all trades and disciplines to ensure proper integration and sequencing of the work.
6. Substitutions for specified products or materials must be submitted for review and written approval by the Architect prior to installation.
7. Contractor is responsible for obtaining and paying for all required permits, fees, and inspections unless noted otherwise.
8. Provide temporary fencing, barriers, and signage to protect public and adjacent properties during construction.
9. The job site shall be maintained in a clean, safe, and orderly condition throughout the duration of the project.
10. Provide access to facilities and utilities for tenants or adjacent businesses where applicable and maintain emergency egress routes throughout construction.
11. The architectural drawings are the primary contract documents. any conflicts between architectural drawings and existing conditions and/or drawings of other disciplines shall be immediately reported to the architect.

Division 02 - Existing Conditions
1. Contractor shall perform a thorough examination of the existing building/site and report any inconsistencies or hazardous materials to the Architect.
2. Carefully remove all materials scheduled for demolition. Salvage or protect existing items noted to remain.
3. Existing utilities not in use or in conflict with new construction shall be properly removed or capped per code.
4. Dust and noise control measures shall be implemented to minimize disruption to adjacent businesses.

Division 03 - Concrete
1. Provide reinforcing as shown on structural drawings. Lap splices and anchorage shall meet the specifications and code minimums.
2. Slabs shall be finished smooth and level, prepared to receive finishes as specified. Coordinate with floor finish and equipment requirements.
3. All concrete shall be cured per manufacturer and design requirements to achieve proper strength and finish.

Division 04 - Masonry
1. Match existing masonry (if applicable) in size, color, texture, and coursing pattern.
2. Provide control joints and expansion joints as indicated or required by code.
3. Flashing and weep holes shall be installed at base and above all openings per best practices.

Division 05 - Metals
1. Structural and miscellaneous metals shall conform to AISC and AWS standards.
2. Welders shall be certified and all field welds visually inspected.
3. Galvanize all exterior or exposed steel unless noted otherwise.
4. Coordinate installation of steel lintels, embeds, and supports with masonry and concrete trades.

Division 06 - Wood, Plastics, and Composites
1. All wood used in framing or blocking shall be construction grade or better and conform to NDS standards.
2. Pressure-treated wood shall be used at all locations in contact with concrete or exposed to moisture.
3. Provide solid blocking for all wall-mounted equipment, accessories, millwork, and partitions as required or indicated.

Division 07 - Thermal and Moisture Protection
1. Flashing and sealants shall be provided at all penetrations, joints, and transitions to maintain continuous weather barriers.

Division 08 - Openings
1. All windows, curtain walls, and storefront systems shall comply with energy code (U-value, SHGC) and NFRC ratings.
2. Glazing shall be safety-rated (tempered or laminated) where required by code.
3. Install windows and doors per manufacturer's instructions including perimeter insulation and proper sealing.
4. Coordinate all door hardware with accessibility and life safety requirements, including lever handles, closers, and panic devices.
5. All exterior openings shall be weather-sealed and flashed to maintain a continuous air and water barrier.

Division 09 - Finishes
1. Surfaces to receive finishes shall be clean, dry, and properly prepared prior to application.
2. All gypsum board walls and ceilings to receive Level 4 finish minimum unless noted otherwise.
3. All unfinished interior surfaces (including walls, ceilings, doors, piping, etc.) shall be painted unless noted otherwise.
4. Color selections shall be provided by the Architect. Provide submittals for approval before ordering.
5. Coordinate edge conditions and transitions between finish materials for smooth, safe connections.

Division 10 - Specialties
1. Install all toilet accessories, fire extinguishers, and other specialty items securely and at ADA-compliant mounting heights.
2. Coordinate locations with partitions, blocking, and field conditions prior to installation.
3. Signage shall meet ADA and life safety requirements including tactile, braille, and directional elements.

Division 11 - Equipment
1. Coordinate utility and structural requirements for commercial equipment such as casework, appliances, and built-ins.
2. Equipment shall be securely anchored and installed per manufacturer instructions.

Division 12 - Furnishings
1. Coordinate delivery, staging, and installation of all furnishings with the construction schedule.
2. All casework and furniture systems shall meet commercial-grade durability standards.
3. Secure casework to walls and provide scribe panels, fillers, and trim for a clean installation.

Division 31-33 - Sitework and Utilities
1. Protect all utilities during site work. Locate and verify existing underground services prior to excavation.
2. Provide accessible paths, signage, and site furnishings per plans and ADA compliance.
3. Provide landscaping, irrigation, and drainage systems per civil and landscape documents.
4. Restore all disturbed areas to pre-construction condition or better.

SYMBOLS

1 View Name 1/8" = 1'-0"	VIEW TITLE
0 — 1" — 2"	GRAPHIC SCALE
	NORTH ARROW w/ TRUE NORTH
0	GRID INDICATOR
1 A101 SIM	SECTION CALLOUT
1 A101 SIM	DETAIL CALLOUT
1 A101 SIM	DETAIL CALLOUT
1 Ref A101 1 Ref	ELEVATION CALLOUT
Name Elevation	LEVEL / ELEVATION CALLOUT
100'-0"	SPOT ELEVATION CALLOUT
1:12	ROOF SLOPE INDICATOR
Room name 101	ROOM TAG
101A	DOOR TAG
A	WALL TAG
1t	WINDOW TAG
A	DEMOLITION KEYNOTE
E	FIRE RISER

ABBREVIATIONS

&	AND	JAN	JANITOR
L	ANGLE	JST	JOIST
@	AT	JT	JOINT
#	POUND OR NUMBER	K.O.	KNOCK OUT
AC	ACOUSTICAL	LAM	LAMINATE
A.F.F.	ABOVE FINISH FLOOR	LAV	LAVATORY
ALUM	ALUMINUM	MAX	MAXIMUM
APPROX	APPROXIMATE	MAS	MASONRY
ARCH	ARCHITECTURAL	MECH	MECHANICAL
ASPH	ASPHALT	MEMB	MEMBRANE
BD	BOARD	MTL	METAL
BITUM	BITUMINOUS	MFTR	MANUFACTURER
BLDG	BUILDING	MH	MANHOLE
BLKG	BLOCKING	MIN	MINIMUM
BRG	BEARING	MISC	MISCELLANEOUS
BTM	BOTTOM	M.O.	MASONRY OPENING
C	TOP OF FINISH CONCRETE	MTD	MOUNTED
C.I.	CAST IRON	N	NORTH
C.J.	CONTROL JOINT	N.I.C.	NOT IN CONTRACT
C.L.	CENTER LINE	NO or #	NUMBER
CLG	CEILING	NOM	NOMINAL
CLR	CLEAR	N.T.S.	NOT TO SCALE
C.M.U.	CONCRETE MASONRY UNIT	O.C.	ON CENTER
C.O.	CLEAN OUT	O.D.	OUTSIDE DIAMETER (DIM)
C.O.T.G.	CLEAN OUT AT GRADE	OFF	OFFICE
COL	COLUMN	OH	OVERHEAD
CONC	CONCRETE	OPNG	OPENING
CONN	CONNECTION	OPP	OPPOSITE
CONSTR	CONSTRUCTION	PL	PLATE
CONT	CONTINUOUS	PLAM	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PLYWD	PLYWOOD
CTR	CENTER	P.O.C.	POINT OF CONNECTION
D.C.W.	DOMESTIC COLD WATER	PNL	PANEL
D.H.W.	DOMESTIC HOT WATER	PR	PAIR
D.F.	DRINKING FOUNTAIN	PT	POINT
DTL	DETAIL	Q.T.	QUARRY TILE
DIA	DIAMETER	RAD	RADIUS
DIM	DIMENSION	R.D.	ROOF DRAIN
DISP	DISPENSER	REF	REFERENCE
DN	DOWN	REINF	REINFORCED
DRN	DRAIN	REQD	REQUIRED
DS	DOWNSPOUT	RESIL	RESILIENT
DWG	DRAWING	RFG	ROOFING
E	EAST	RM	ROOM
EA	EACH	RS	RESINOUS FLOORING
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	R.O.	ROUGH OPENING
E.J.	EXPANSION JOINT	S	SOUTH
EL	ELEVATION	SCH	SCHEDULE
ELEC	ELECTRICAL	SECT	SECTION
ENGR	ENGINEER	SHT	SHEET
EQ	EQUAL	SIM	SIMILAR
EQUIP	EQUIPMENT	SPECS	SPECIFICATION
(E)	EXISTING	SQ	SQUARE
EXP	EXPANSION	S.S.	SANITARY SEWER
EXT	EXTERIOR	S.ST	STAINLESS STEEL
F.A.	FIRE ALARM	STD	STANDARD
F.D.	FLOOR DRAIN	STL	STEEL
FDN	FOUNDATION	STOR	STORAGE
F.E.	FIRE EXTINGUISHER	STR	STRUCTURAL
F.E.C.	FIRE EXTINGUISHER CABINET	SUSP	SUSPENDED
FIN	FINISH	SYM	SYMMETRICAL
FLR	FLOOR	SYS	SYSTEM
FLASH	FLASHING	TLT	TOILET (ROOM)
FLUOR	FLUORESCENT	TRTD	TREATED (PRESERVATIVE
F.O.	FACE OF	T & B	TOP & BOTTOM
F.R.	FIRE RATED	T.O.	TOP OF
FT	FOOR OR FEET	TRANS	TRANSFORMER
FTG	FOOTING	TYP	TYPICAL
FUT	FUTURE	U.N.O.	UNLESS NOTED OTHERWISE
GA	GAUGE	UT	URINAL
GALV	GALVANIZED	VERT	VERTICAL
GND	GROUND	VEST	VESTIBULE
GR	GRADE	W	WEST
G.W.B.	GYPSUM WALL BOARD	w/	WITH
GYP	GYPSUM	WC	WATER CLOSET
H.B.	HOSE BIBB	WD	WOOD
HC	HANDICAP	W.O	WITHOUT
H.M.	HOLLOW METAL	WP	WATERPROOF
HORIZ	HORIZONTAL		
HGT	HEIGHT		
I.D.	INSIDE DIAMETER (DIM)		
IN	INCH, INCHES		
INSUL	INSULATION		
INT	INTERIOR		

COMcheck Software Version COMcheckWeb

Envelope Compliance Certificate

Project Information

Energy Code:	2021 IECC
Project Title:	Elite Hall Addition
Location:	Hyrum, Utah
Climate Zone:	5b
Project Type:	New Construction
Vertical Glazing / Wall Area:	12%
All Electric:	false
Is Renewable:	false
Has Battery:	false
Has Charger:	false
Has Heat Pump:	false

Construction Site: Owner/Agent: Designer/Contractor:

Efficiency Packages

Description	Credit
Reduced lighting power	36.0
Enhanced digital lighting controls	2.0

Credits: 10.0 Required 38.0 Proposed

Building Area	Floor Area
1-Office (Office) : Nonresidential	1317

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof:Roof: Roof:Roof, [Bldg. Use 1 - Office]	1317	---	30.0	0.032	0.032
Floor:Floor: Floor:Floor, Vertical 4 ft., [Bldg. Use 1 - Office] (c)	104	---	10.0	0.480	0.520
NORTH Ext Wall:Ext Wall 1: Ext Wall:Ext Wall 1, [Bldg. Use 1 - Office]	394	21.0	5.0	0.045	0.051
EAST Ext Wall:Ext Wall: Ext Wall:Ext Wall, [Bldg. Use 1 - Office]	750	21.0	5.0	0.045	0.051
Window: Window 1: , Perf. Specs.: Product ID pella clad wood direct, SHGC 0.32, VT 0.62, [Bldg. Use 1 - Office] (b)	18	---	---	0.360	0.360
Window:Window 2: , Perf. Specs.: Product ID pella clad wood direct, SHGC 0.32, VT 0.62, [Bldg. Use 1 - Office] (b)	18	---	---	0.360	0.360
Window:Window 3: , Perf. Specs.: Product ID pella clad wood direct, SHGC 0.32, VT 0.62, [Bldg. Use 1 - Office] (b)	18	---	---	0.360	0.360
Window:Window 4: , Perf. Specs.: Product ID pella clad wood direct, SHGC 0.32, VT 0.62, [Bldg. Use 1 - Office] (b)	18	---	---	0.360	0.360
Window:Window 5: , Perf. Specs.: Product ID pella clad wood direct, SHGC 0.32, VT 0.62, [Bldg. Use 1 - Office] (b)	18	---	---	0.360	0.360
Window:Window 6: , Perf. Specs.: Product ID pella clad wood direct, SHGC 0.32, VT 0.62, [Bldg. Use 1 - Office] (b)	18	---	---	0.360	0.360
SOUTH Ext Wall: Ext Wall: Ext Wall: Ext Wall, [Bldg. Use 1 - Office]	394	21.0	5.0	0.045	0.051
Door: Door: , Perf. Specs.: Product ID pellla reserve, SHGC 0.22, PF 0.25, VT 0.26, [Bldg. Use 1 - Office] (b)	21	---	---	0.630	0.630
Window:Window: , Perf. Specs,: Product ID pella clad wood direct, SHGC 0.32, VT 0.62, [Bldg. Use 1 - Office] (b)	54	---	---	0.360	0.360

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 5% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2021 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Steve J Peterson- AIA — Name - Title
Signature
7/11/2025 — Date

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STATE OF UTAH — STEVEN J. PETERSON 6830295-0301 — LICENSED ARCHITECT
07/08/25

HYRUM CITY

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	KDL
CHK'D BY:	SJP

BID/PERMIT SET
JULY 08, 2025

SHEET TITLE

ADA, SYMBOLS AND ABBREVIATIONS

SHEET NO:

A-001

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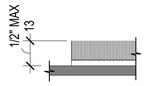

FIGURE 303.2
CARPET PILE HEIGHT

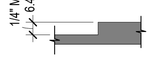

FIGURE 303.2
VERTICAL CHANGE IN LEVEL

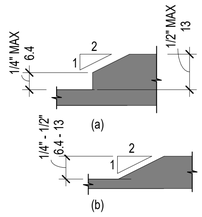

FIGURE 303.3
BEVELED CHANGE IN LEVEL

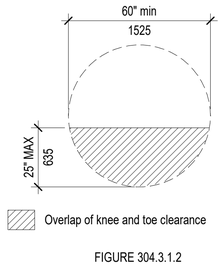

FIGURE 304.3.1.2
CIRCULAR TURNING SPACE - EXISTING BUILDINGS SIZE AND OVERLAP

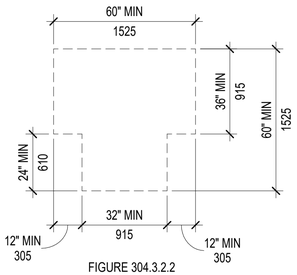

FIGURE 304.3.2.2
T-SHASPED TURNING SPACE EXISTING BUILDINGS

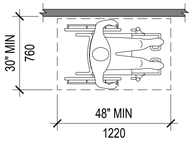

Figure 305.3.2
SIZE OF CLEAR FLOOR SPACE - EXISTING BUILDINGS

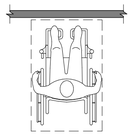

Figure 305.5
(A) POSITION OF CLEAR FLOOR SPACE - FORWARD

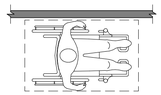

Figure 305.5
(B) POSITION OF CLEAR FLOOR SPACE - PARALLEL

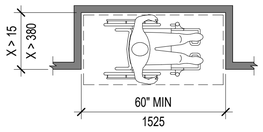

Figure 305.7.1
MANEUVERING CLEARANCE IN AN ALCOVE PARALLEL APPROACH

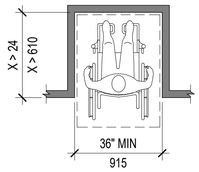

Figure 305.7.2
MANEUVERING CLEARANCE IN AN ALCOVE FORWARD APPROACH

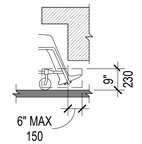

FIGURE 306.2
(A) TOE CLEARANCE - ELEVATION

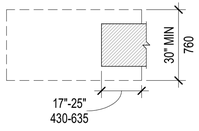

FIGURE 306.2
(B) TOE CLEARANCE - PLAN

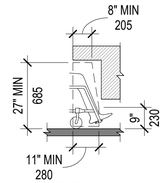

FIGURE 306.3
(A) KNEE CLEARANCE - ELEVATION

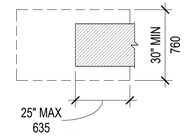

FIGURE 306.3
(B) KNEE CLEARANCE - PLAN

FIGURE 307.2
LIMITS OF PROTRUDING OBJECTS

FIGURE 307.4
REDUCED VERTICAL CLEARANCE

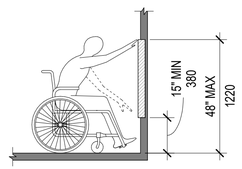

FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH

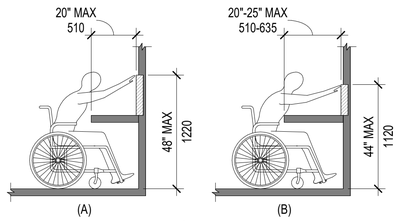

FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD REACH

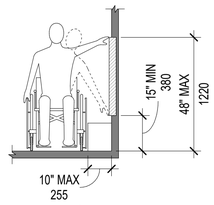

FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

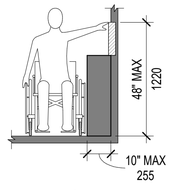

FIGURE 308.3.2
(A) OBSTRUCTED HIGH SIDE REACH

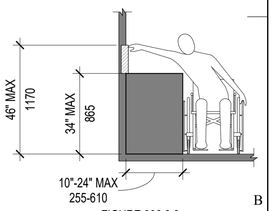

FIGURE 308.3.2
(B) OBSTRUCTED HIGH SIDE REACH

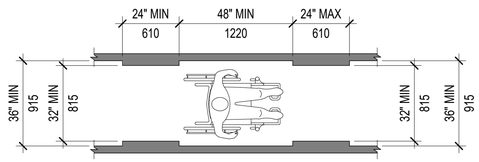

Figure 403.5.1
(C) CLEAR WIDTH OF AN ACCESSIBLE ROUTE - EXISTING BUILDINGS - INTERIOR

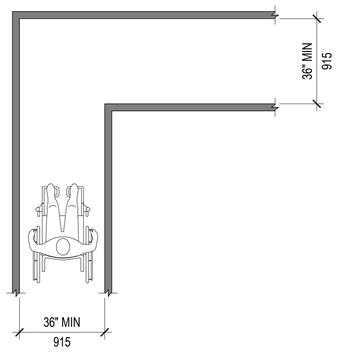

Figure 403.5.3.2
CLEAR WIDTH AT 90-DEGREE TURN EXISTING BUILDINGS

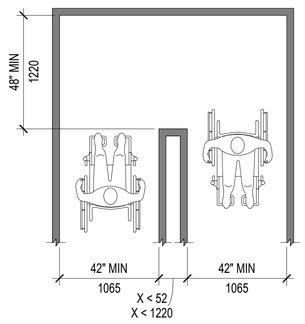

Figure 403.5.2.2
(A) CLEAR WIDTH AT 180-DEGREE TURN EXISTING BUILDINGS

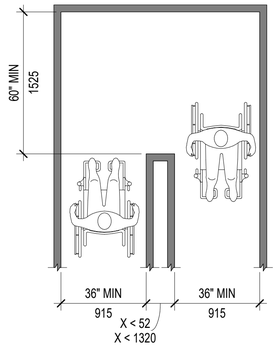

Figure 403.5.2.2
(B) CLEAR WIDTH AT 180-DEGREE TURN EXISTING BUILDINGS - EXCEPTION

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6830295-0301
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07/08/25

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

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PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

BID/PERMIT SET

JULY 08, 2025

SHEET TITLE

ADA STANDARDS

SHEET NO:

A-002

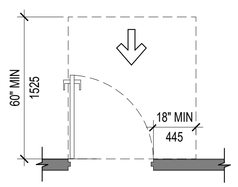

FIGURE 404.2.3.2
(A) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS FRONT APPROACH - PULL SIDE

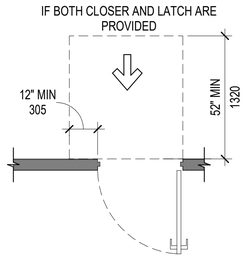

FIGURE 404.2.3.2
(B) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS FRONT APPROACH - PUSH SIDE - NEW BUILDINGS

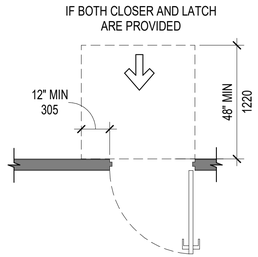

FIGURE 404.2.3.2
(C) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS FRONT APPROACH - PUSH SIDE -EXISTING BUILDINGS

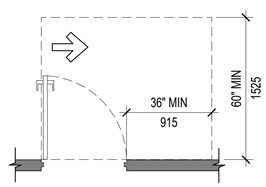

FIGURE 404.2.3.2
(D) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS HINGE APPROACH - PULL SIDE

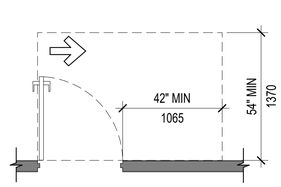

FIGURE 404.2.3.2
(E) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS HINGE APPROACH - PULL SIDE

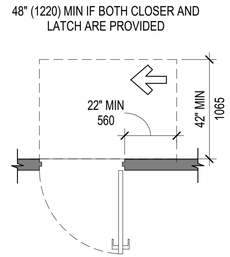

FIGURE 404.2.3.2
(F) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS HINGE APPROACH - PUSH SIDE

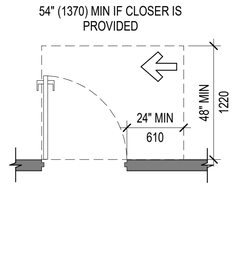

FIGURE 404.2.3.2
(G) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS LATCH APPROACH - PULL SIDE

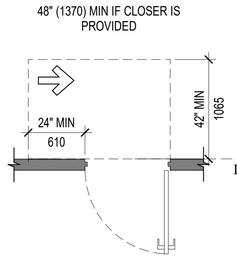

FIGURE 404.2.3.2
(H) MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS LATCH APPROACH - PUSH SIDE

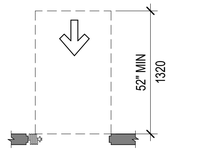

FIGURE 404.2.3.3
(A) MANEUVERING CLEARANCES AT SLIDING AND FOLDING DOORS - FRONT APPROACH - NEW BUILDINGS

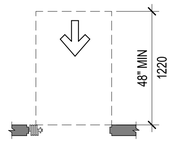

FIGURE 404.2.3.3
(B) MANEUVERING CLEARANCES AT SLIDING AND FOLDING DOORS - FRONT APPROACH - EXISTING BUILDINGS

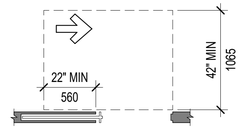

FIGURE 404.2.3.3
(C) MANEUVERING CLEARANCES AT SLIDING AND FOLDING DOORS - POCKET OR HINGE APPROACH

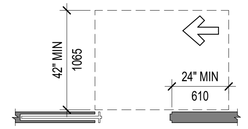

FIGURE 404.2.3.3
(C) MANEUVERING CLEARANCES AT SLIDING AND FOLDING DOORS - POCKET OR HINGE APPROACH

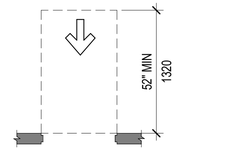

FIGURE 404.2.3.4
(A) MANEUVERING CLEARANCES FOR DOORWAYS WITHOUT DOORS OR GATES - FRONT APPROACH - NEW BUILDINGS

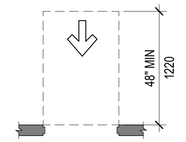

FIGURE 404.2.3.4
(B) MANEUVERING CLEARANCES FOR DOORWAYS WITHOUT DOORS OR GATES - FRONT APPROACH - EXISTING BUILDINGS

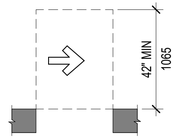

FIGURE 404.2.3.4
(C) MANEUVERING CLEARANCES FOR DOORWAYS WITHOUT DOORS OR GATES - SIDE APPROACH

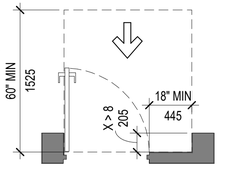

FIGURE 404.2.3.5
(A) RECESSED DOORS AND GATES PULL SIDE - NEW BUILDINGS

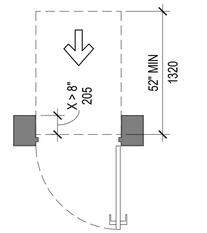

FIGURE 404.2.3.5
(B) RECESSED DOORS AND GATES PUSH SIDE - NEW BUILDINGS

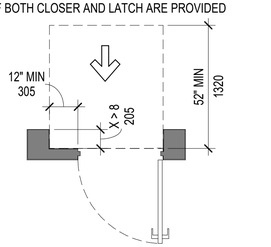

FIGURE 404.2.3.5
(C) RECESSED DOORS AND GATES PUSH SIDE - NEW BUILDINGS

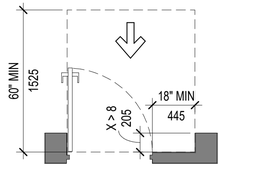

FIGURE 404.2.3.5
(D) RECESSED DOORS AND GATES PULL SIDE - EXISTING BUILDINGS

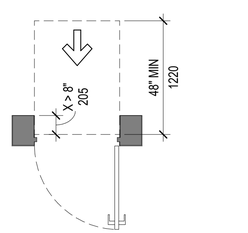

FIGURE 404.2.3.5
(E) RECESSED DOORS AND GATES PUSH SIDE - EXISTING BUILDINGS

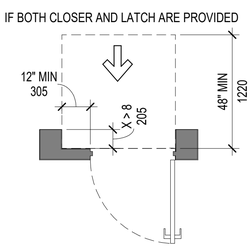

FIGURE 404.2.3.5
(F) RECESSED DOORS AND GATES PUSH SIDE - EXISTING BUILDINGS

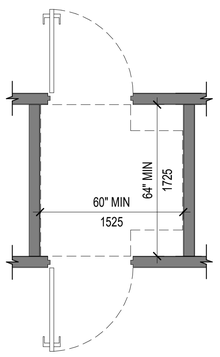

FIGURE 404.2.5
(A) TWO DOORS OR GATES IN A SERIES - NEW BUILDINGS

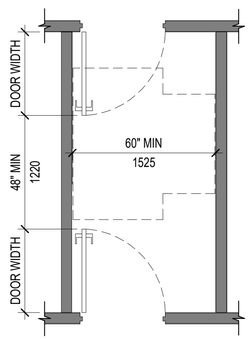

FIGURE 404.2.5
(B) TWO DOORS OR GATES IN A SERIES - NEW BUILDINGS

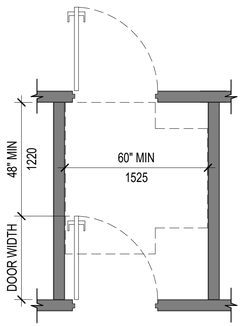

FIGURE 404.2.5
(C) TWO DOORS OR GATES IN A SERIES - NEW BUILDINGS

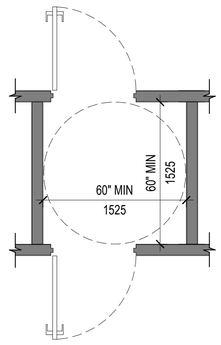

FIGURE 404.2.5
(D) TWO DOORS OR GATES IN A SERIES - EXISTING BUILDINGS

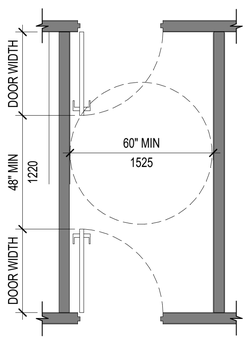

FIGURE 404.2.5
(E) TWO DOORS OR GATES IN A SERIES - EXISTING BUILDINGS

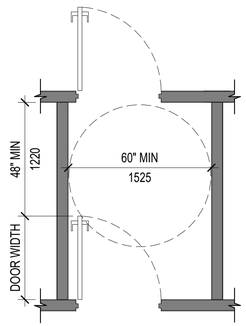

FIGURE 404.2.5
(F) TWO DOORS OR GATES IN A SERIES - EXISTING BUILDINGS

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98 WEST MAIN ST.
HYRUM, UTAH

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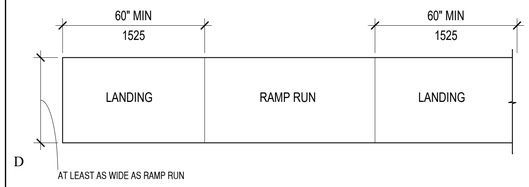
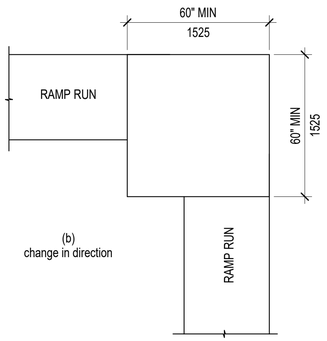


(a)
straight



(b)
change in direction

FIGURE 405.7
RAMP LANDINGS

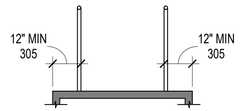


FIGURE 405.9.1
EXTENDED FLOOR SURFACE

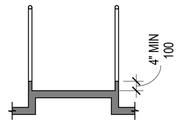


FIGURE 405.9.2.1
CURB

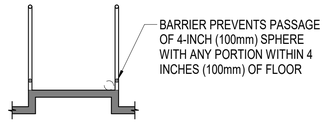


FIGURE 405.9.2.2
BARRIER

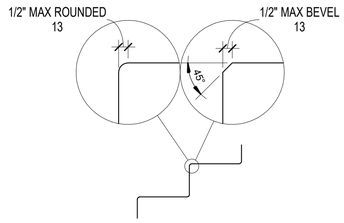


FIGURE 504.5
(A) STAIR NOSINGS - VERTICAL RISER - CURVE OR BEVEL AT LEADING EDGE

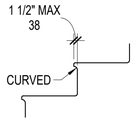


FIGURE 504.5
(B) STAIR NOSINGS - VERTICAL RISER CURVED NOSING

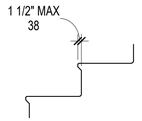


FIGURE 504.5
(C) STAIR NOSINGS - VERTICAL RISER BEVELED NOSING

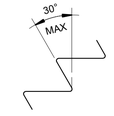


FIGURE 504.5
(D) STAIR NOSINGS - VERTICAL RISER ANGLED RISER

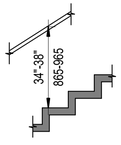


FIGURE 505.4
(A) HANDRAIL HEIGHT - STAIRS

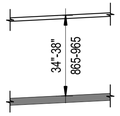


FIGURE 505.4
(B) HANDRAIL HEIGHT - RAMPS

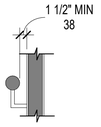


FIGURE 505.5
HANDRAIL CLEARANCE

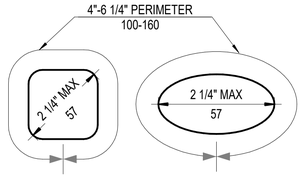


FIGURE 505.7.2
HANDRAIL NON-CIRCULAR CROSS SECTION

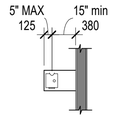
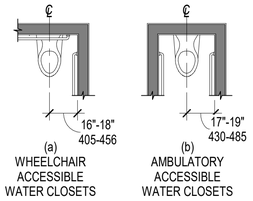


FIGURE 602.5
DRINKING FOUNTAIN SPOUT LOCATION



(a)
WHEELCHAIR ACCESSIBLE WATER CLOSETS

(b)
AMBULATORY ACCESSIBLE WATER CLOSETS

FIGURE 604.2
WATER CLOSET LOCATIONS

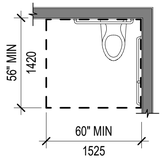


FIGURE 604.3.1
SIZE OF CLEARANCE AT WATER CLOSETS

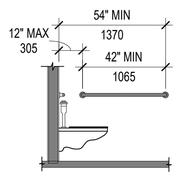


FIGURE 604.5.1
SIDE WALL GRAB BAR AT WATER CLOSET

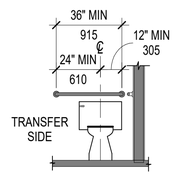


FIGURE 604.5.2
REAR WALL GRAB BAR AT WATER CLOSET

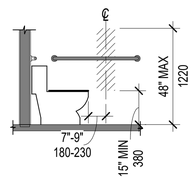


FIGURE 604.7
DISPENSER OUTLET LOCATION

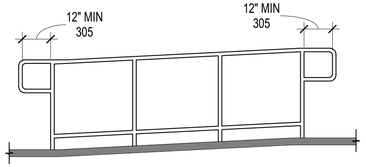


FIGURE 505.10.1
TOP AND BOTTOM HANDRAIL EXTENSION AT RAMPS

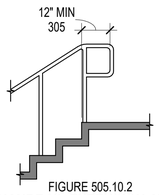
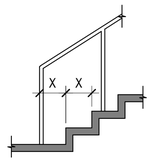


FIGURE 505.10.2
TOP HANDRAIL EXTENSION AT STAIRS



NOTE: X = TREAD DEPTH

FIGURE 505.10.3
BOTTOM HANDRAIL EXTENSION AT STAIRS

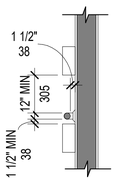


FIGURE 609.3
SPACING OF GRAB BARS

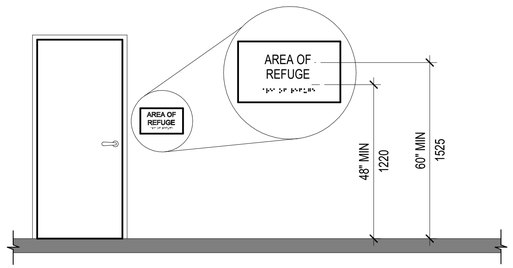


FIGURE 703.4.1
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GROUND

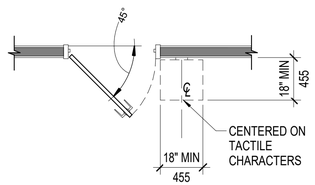


FIGURE 703.4.2
LOCATION OF TACTILE SIGNS AT DOORS

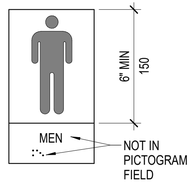


FIGURE 703.6.1
PICTOGRAM FIELD

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6830295-0301
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07/08/25

HYRUM CITY

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

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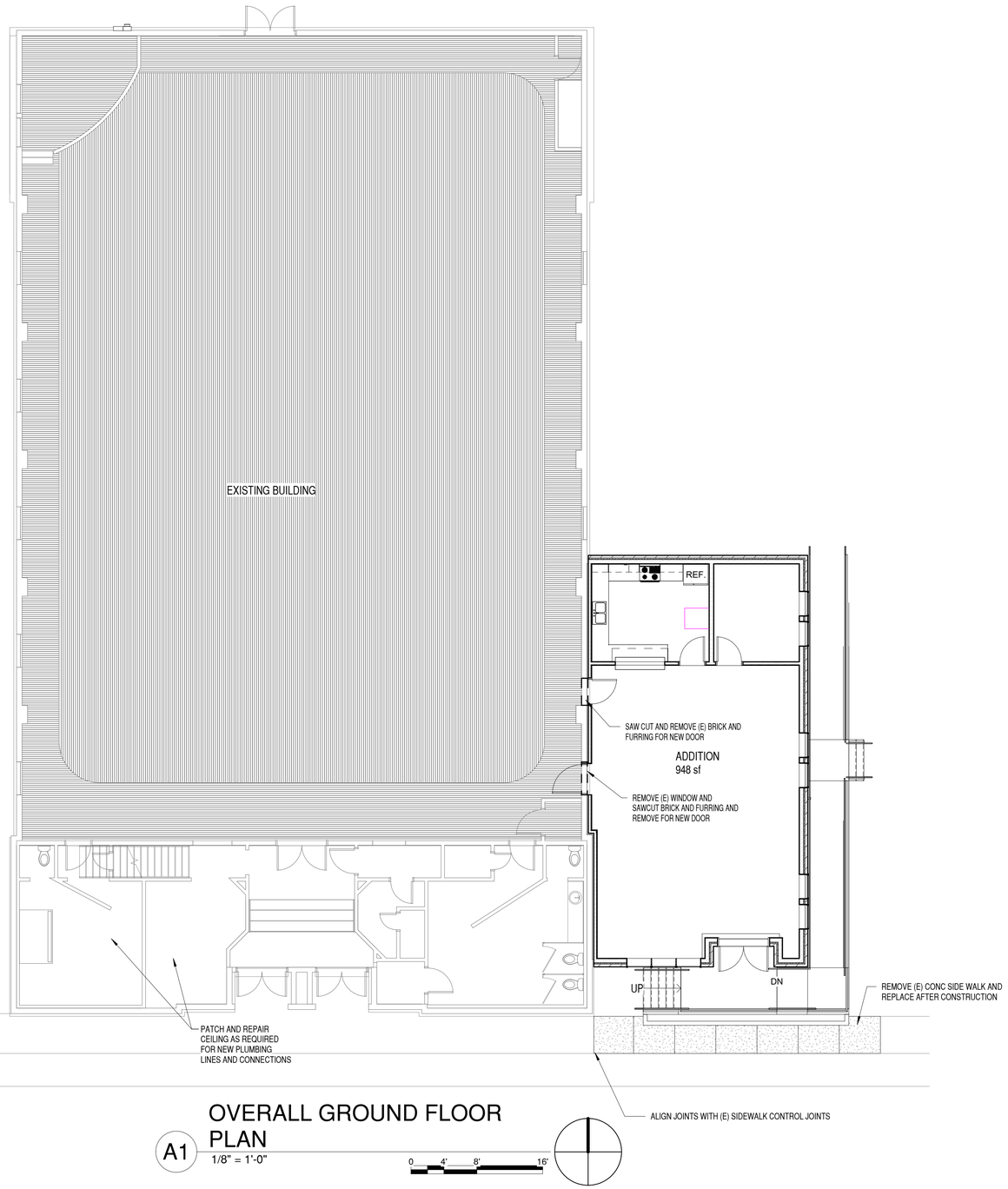
SHEET TITLE

ADA STANDARDS

SHEET NO:

A-004



A1 OVERALL GROUND FLOOR PLAN

1/8" = 1'-0"

0 4' 8' 16'

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HYRUM, UTAH

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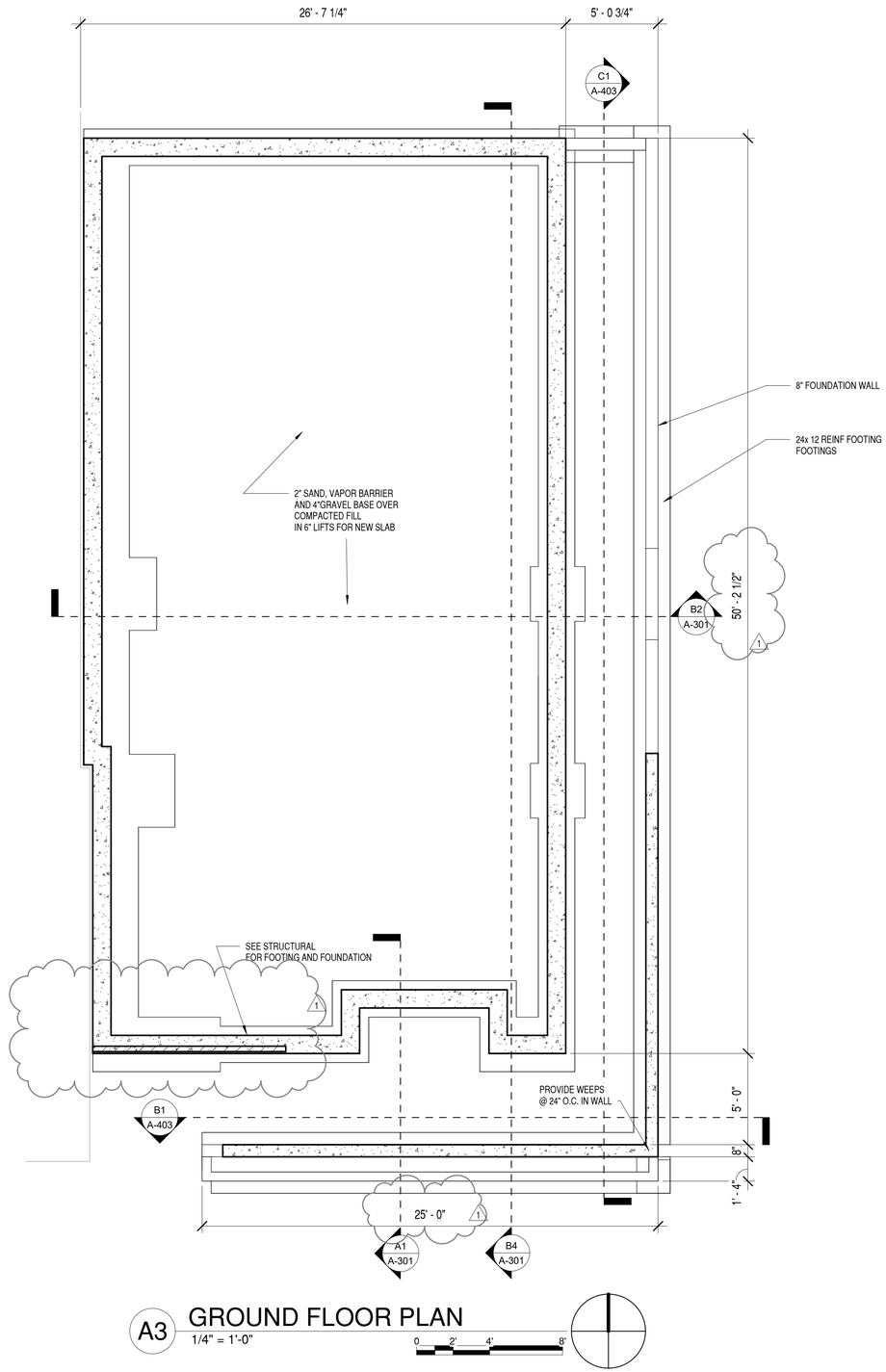
OVERALL PLAN

SHEET NO:

A-100



A3 GROUND FLOOR PLAN

1/4" = 1'-0"

0 2' 4' 8'

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FOUNDATION SPACE PLAN

SHEET NO:

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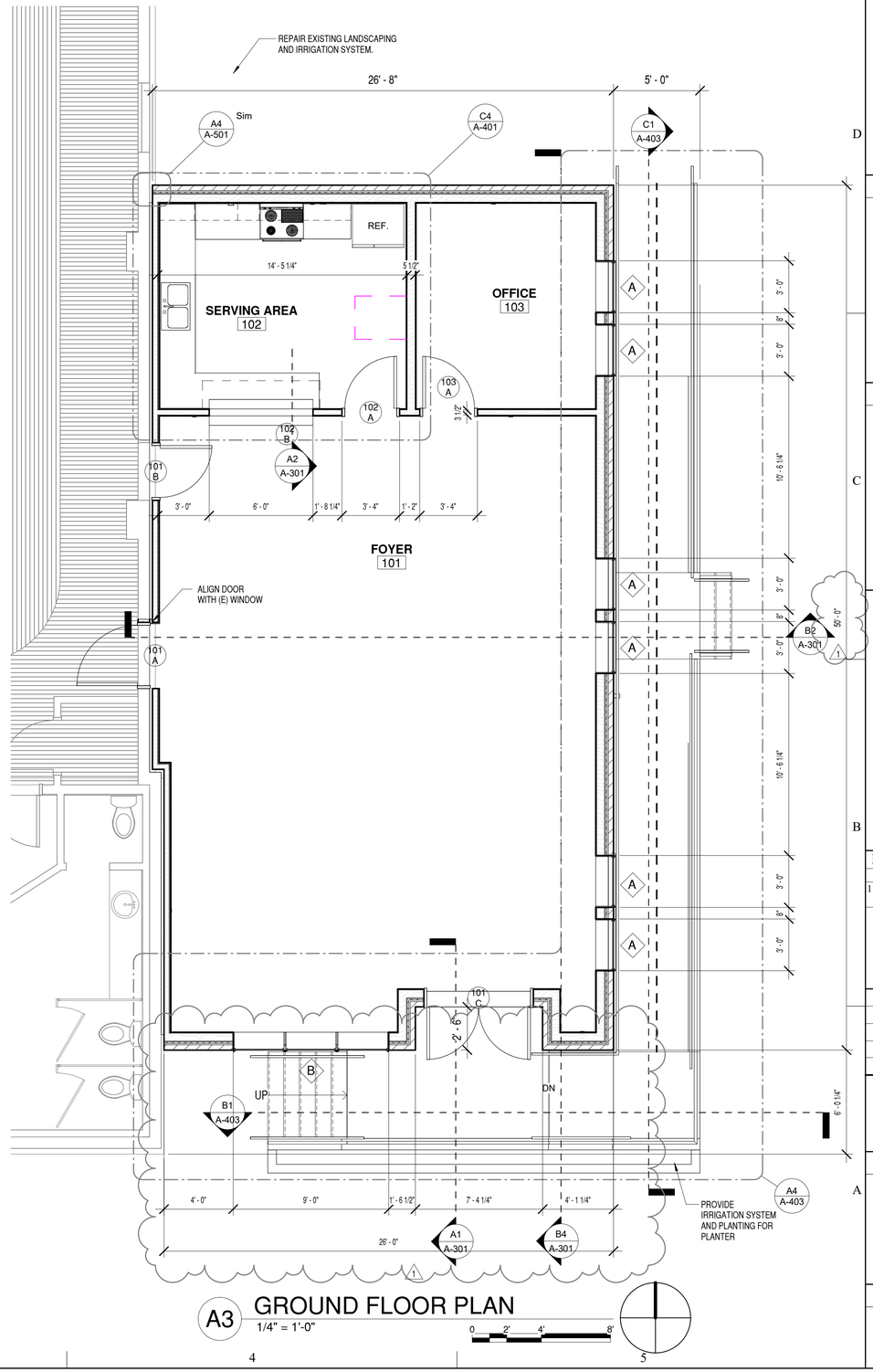

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SHEET TITLE

FLOOR PLAN

SHEET NO:

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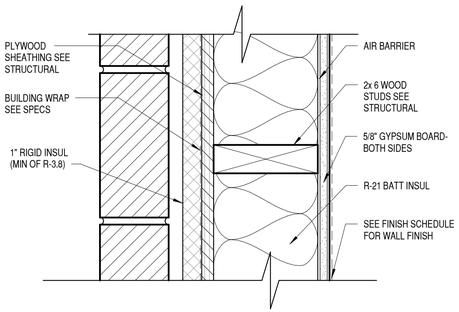
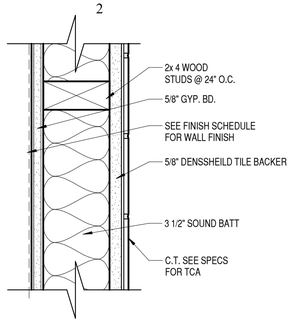


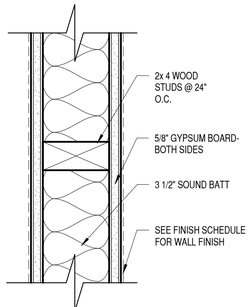
D1 WALL TYPE "A"

3" = 1'-0"



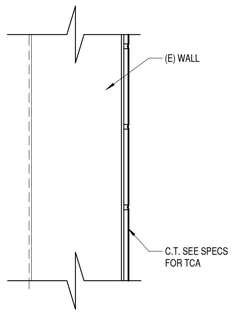
D2 WALL TYPE "E"

3" = 1'-0"



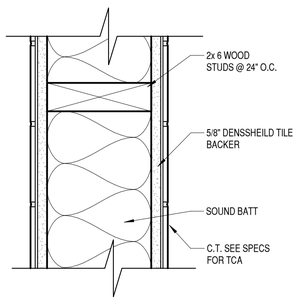
C1 WALL TYPE "B"

3" = 1'-0"



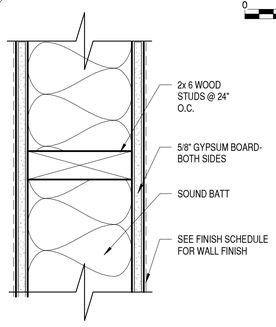
C2 WALL TYPE "F"

3" = 1'-0"



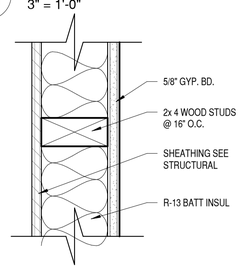
B1 WALL TYPE "C"

3" = 1'-0"



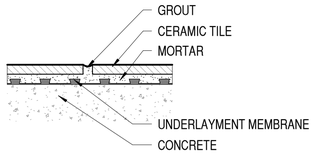
B2 WALL TYPE "G"

3" = 1'-0"



A1 WALL TYPE "D"

3" = 1'-0"



A2 TILE DETAIL

6" = 1'-0"

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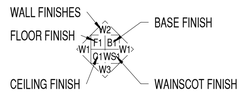


FINISH SYMBOL

FLOOR

F1- LVT FLOORING- SEE SPECS
F2- CERAMIC TILE
F3- HARDWOOD

BASE

B1- RUBBER TOPSET BASE
B2- COVED CERAMIC TILE
B3- HDWD BASE
B4- MATCH EXISTING

WAINSCOT

WS1- 3'-7 1/2" HDWD PANELING
WS2- 7'-0" CERAMIC TILE

WALLS

W1- PAINTED GYPSUM BOARD

CEILING

C1- SUSPEND ACOUSTIC LAY-IN CEILING SYSTEM
C2- PAINTED GYPSUM BOARD ON SUSPENSION SYSTEM
C3- 3/8" GYP. BD. OVER (E) PLASTER CEILING

COLORS TO BE SELECTED IN SHOP DRAWINGS

F1- LVT-
"SHAWCONRACT" MODEL:
TERRAIN II OR EQUAL

F2- CERAMIC TILE-
SERVING AREA- "CROSSVILLE" MODEL:
JOYFUL PLACE 4"x 48" OR EQUAL

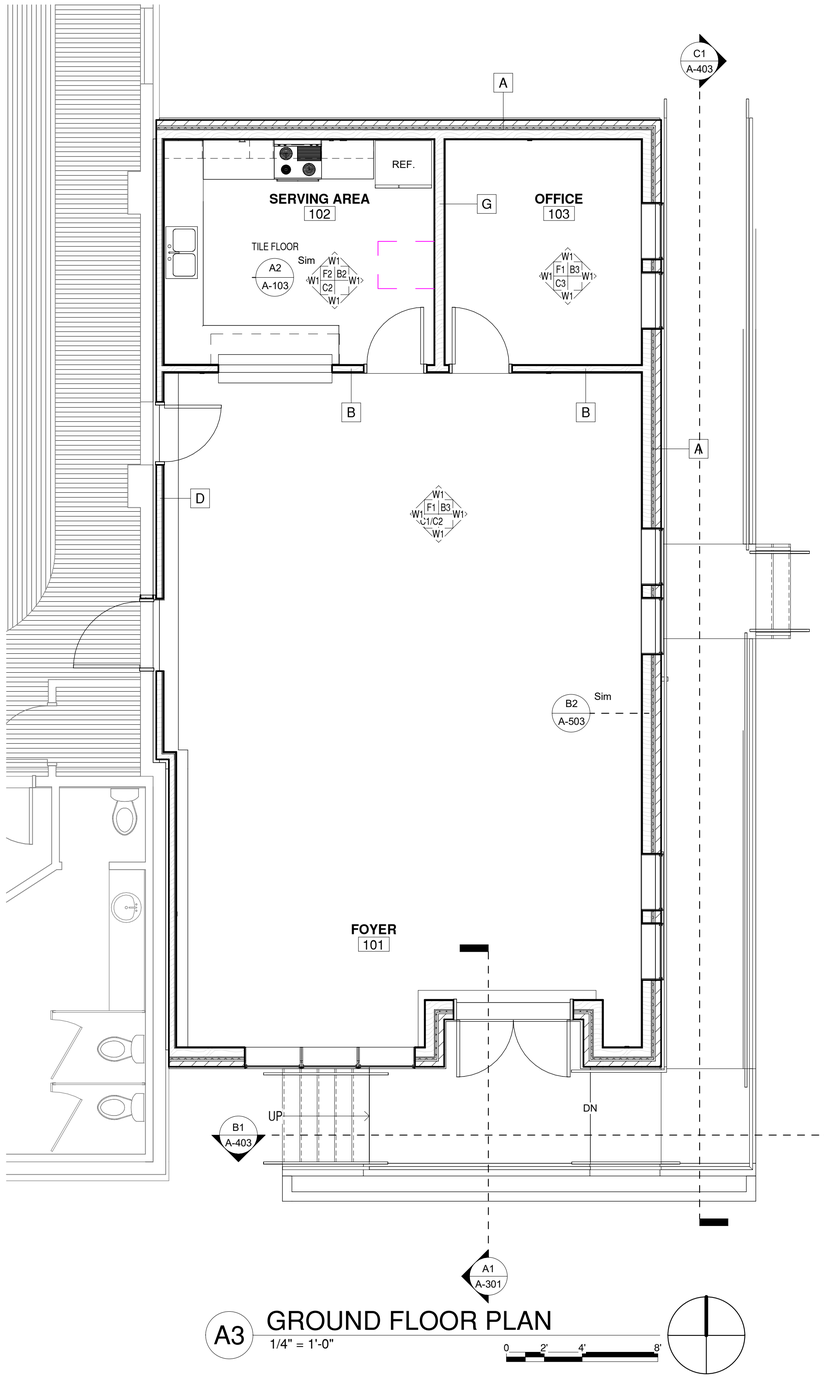
RESTROOMS- "CROSSVILLE" MODEL:
OWEN STONE 2x 2 MOSAIC OR EQUAL

F3- HARDWOOD FLOORING-
REPAIR AND REFURBISH EXISTING
HARD WOOD FLOORING.(SAND
AND MIN OF 2 COATS OF POLY).
IF NO HARDWOOD UNDER EXISTING
FLOORING, CONTACT ARCHITECT.

WS2- CERAMIC TILE-
"CROSSVILLE" MODEL:
OWEN STONE 12x 24 OR EQUAL

BID ALTERNATE

PROVIDE COST FOR PROVIDING HARDWOOD FLOOR IN FOYER 101 AND OFFICE 103 TO MATCH EXISTING BUILDING FLOORING INCLUDING MATERIALS, COLOR AND DESIGN AS CLOSE AS POSSIBLE.



A3 GROUND FLOOR PLAN

1/4" = 1'-0"

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FINISH FLOOR PLAN AND WALL TYPES

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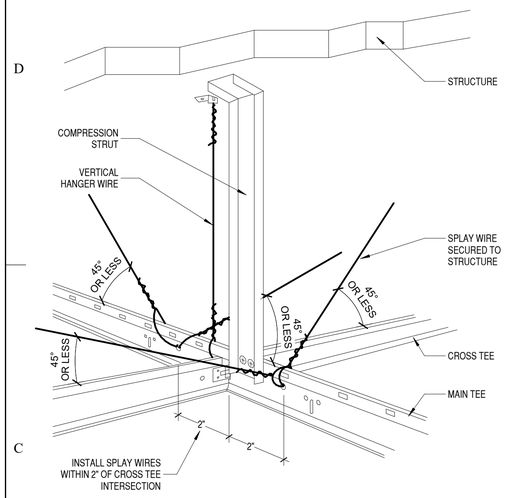
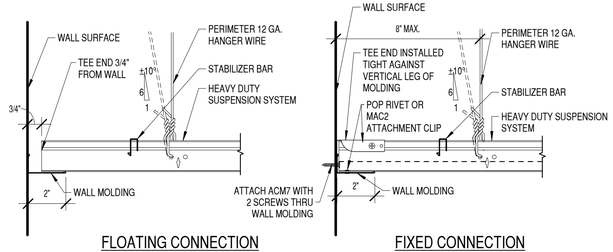


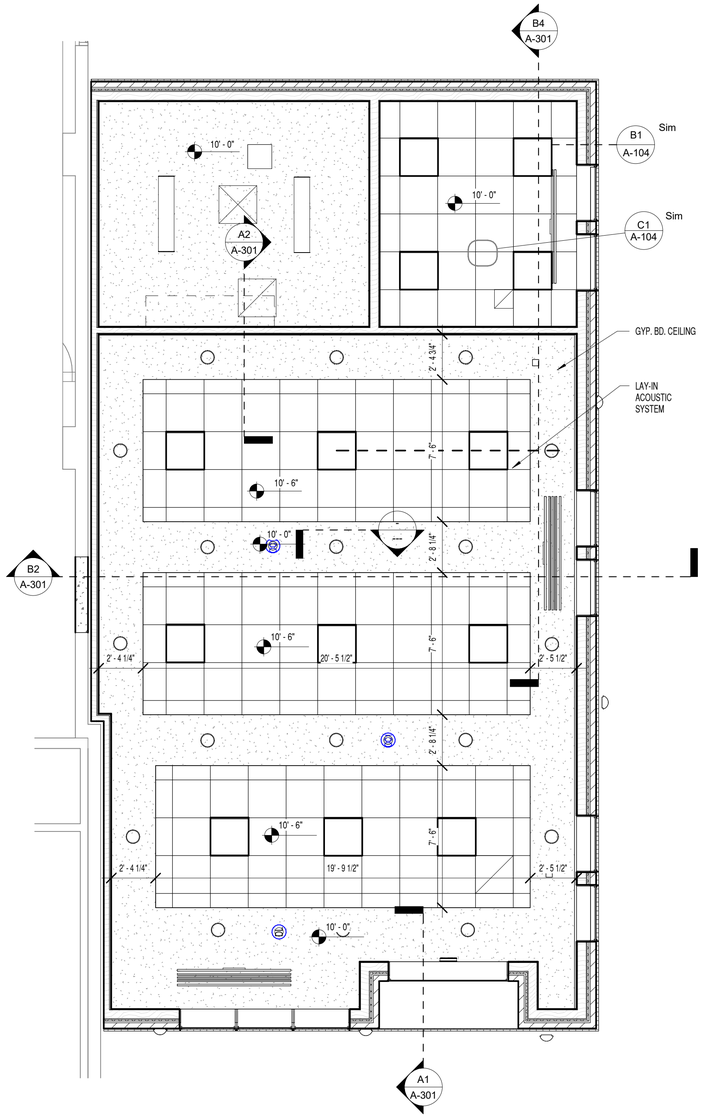
C1 SEISMIC BRACE

3" = 1'-0"



B1 CEILING TRACK

3" = 1'-0"



B4 REFLECTED CEILING PLAN

1/4" = 1'-0"

0 2' 4' 8'

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ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
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DRAWN BY:	KDL
CHK'D BY:	SJP

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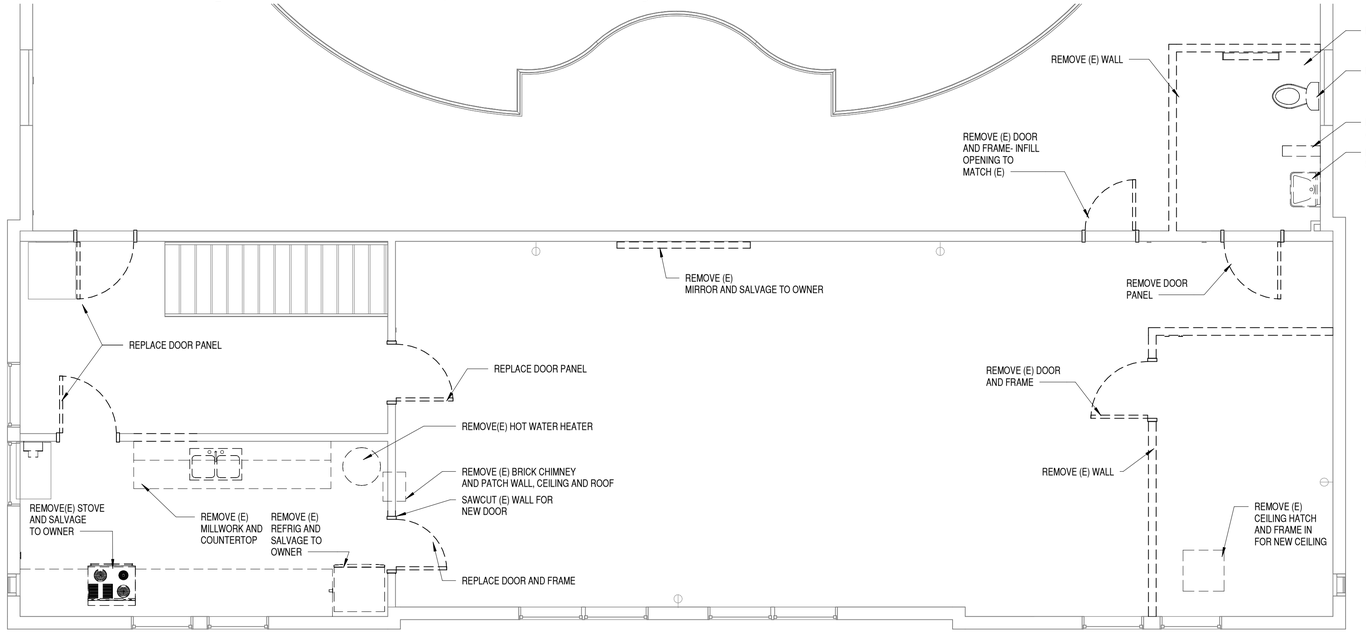
JULY 08, 2025

SHEET TITLE

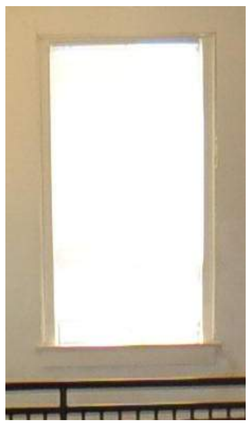
REFLECTED CEILING PLAN

SHEET NO:

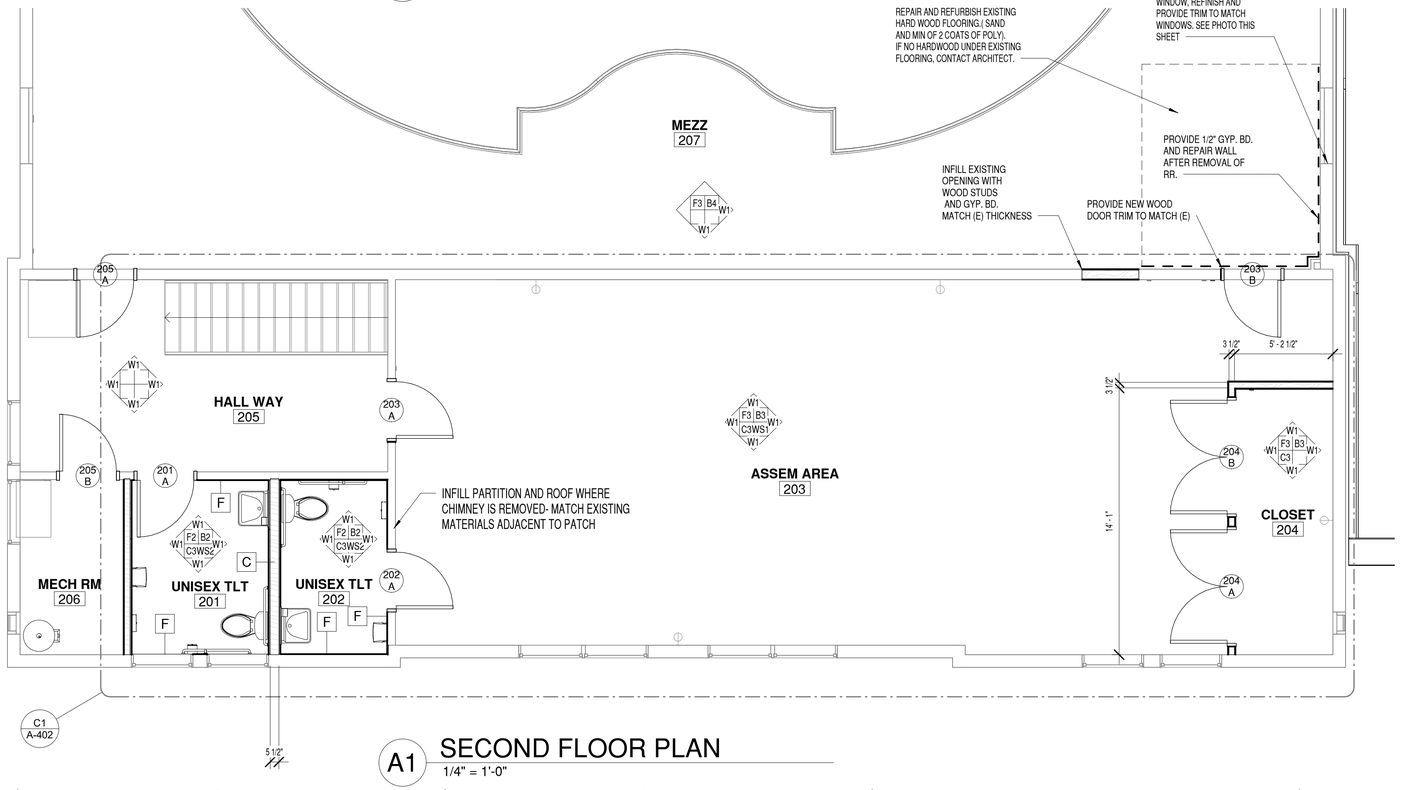
A-104



C1 SECOND FLOOR DEMO PLAN
1/4" = 1'-0"



EXISTING WINDOW



A1 SECOND FLOOR PLAN
1/4" = 1'-0"

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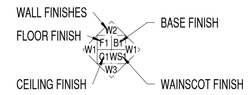
FINISHES LEGEND



FINISH SYMBOL

FLOOR
F1- LVT FLOORING- SEE SPECS
F2- CERAMIC TILE
F3- HARDWOOD

BASE
B1- RUBBER TOPSET BASE
B2- COVED CERAMIC TILE
B3- HDWD BASE
B4- MATCH EXISTING

WAINSCOT
WS1- 3'-7 1/2" HDWD PANELING
WS2- 7'-0" CERAMIC TILE

WALLS
W1- PAINTED GYPSUM BOARD

CEILING
C1- SUSPEND ACOUSTIC LAY-IN CEILING SYSTEM
C2- PAINTED GYPSUM BOARD ON SUSPENSION SYSTEM
C3- 3/8" GYP. BD. OVER (E) PLASTER CEILING

COLORS TO BE SELECTED IN SHOP DRAWINGS

F1- LVT-
"SHAWCONRACT" MODEL:
TERRAIN II OR EQUAL

F2- CERAMIC TILE-
SERVING AREA- "CROSSVILLE" MODEL:
JOYFUL PLACE 4"x 48" OR EQUAL

RESTROOMS- "CROSSVILLE" MODEL:
OWEN STONE 2x 2 MOSAIC OR EQUAL

F3- HARDWOOD FLOORING-
REPAIR AND REFURBISH EXISTING HARD WOOD FLOORING.(SAND AND MIN OF 2 COATS OF POLY). IF NO HARDWOOD UNDER EXISTING FLOORING, CONTACT ARCHITECT.

WS2- CERAMIC TILE-
"CROSSVILLE" MODEL:
OWEN STONE 12x 24 OR EQUAL

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STEVEN J. PETERSON
6830295-0301
LICENSED ARCHITECT
07/08/25

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	KDL
CHK'D BY:	SJP

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SHEET TITLE

SECOND FLOOR PLANS

SHEET NO:

A-105

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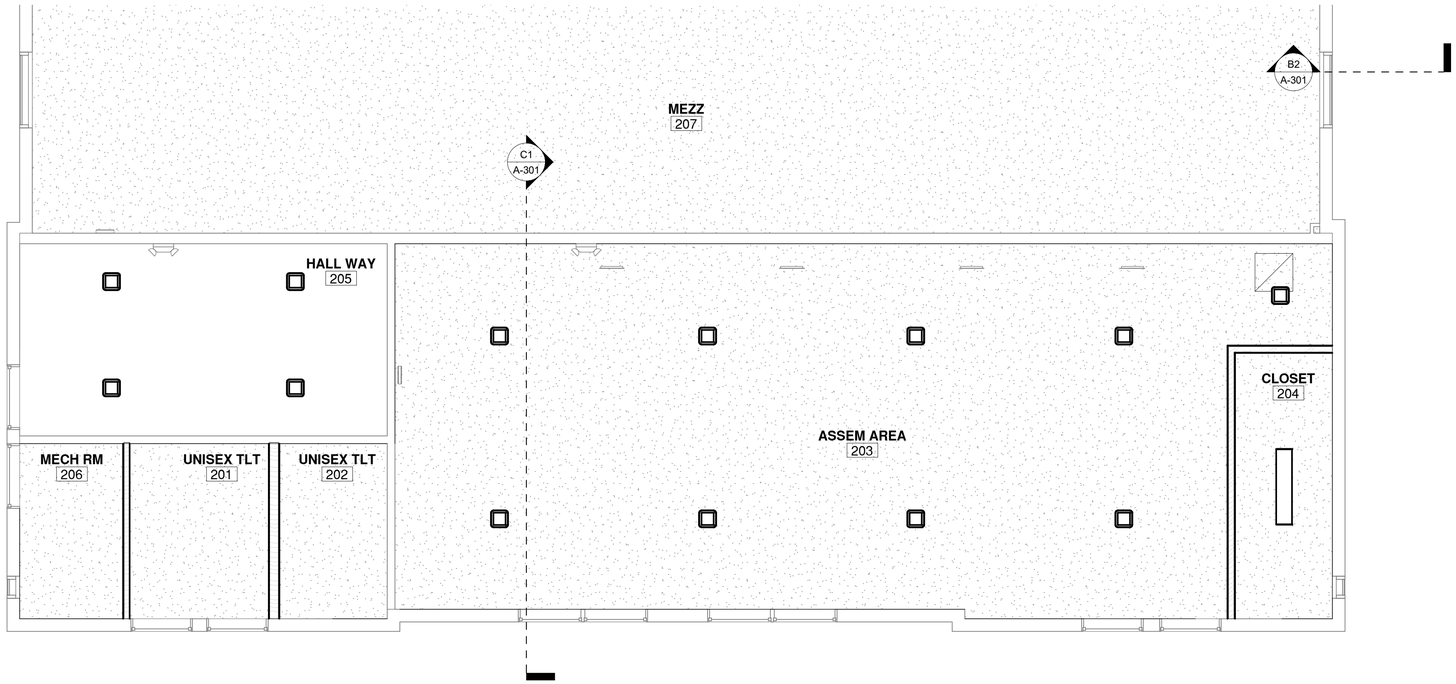

A2 SECOND FLLOR REFLECTED CEILING PLAN

1/4" = 1'-0"

IF SHEET IS LESS THAN 22"x 34"
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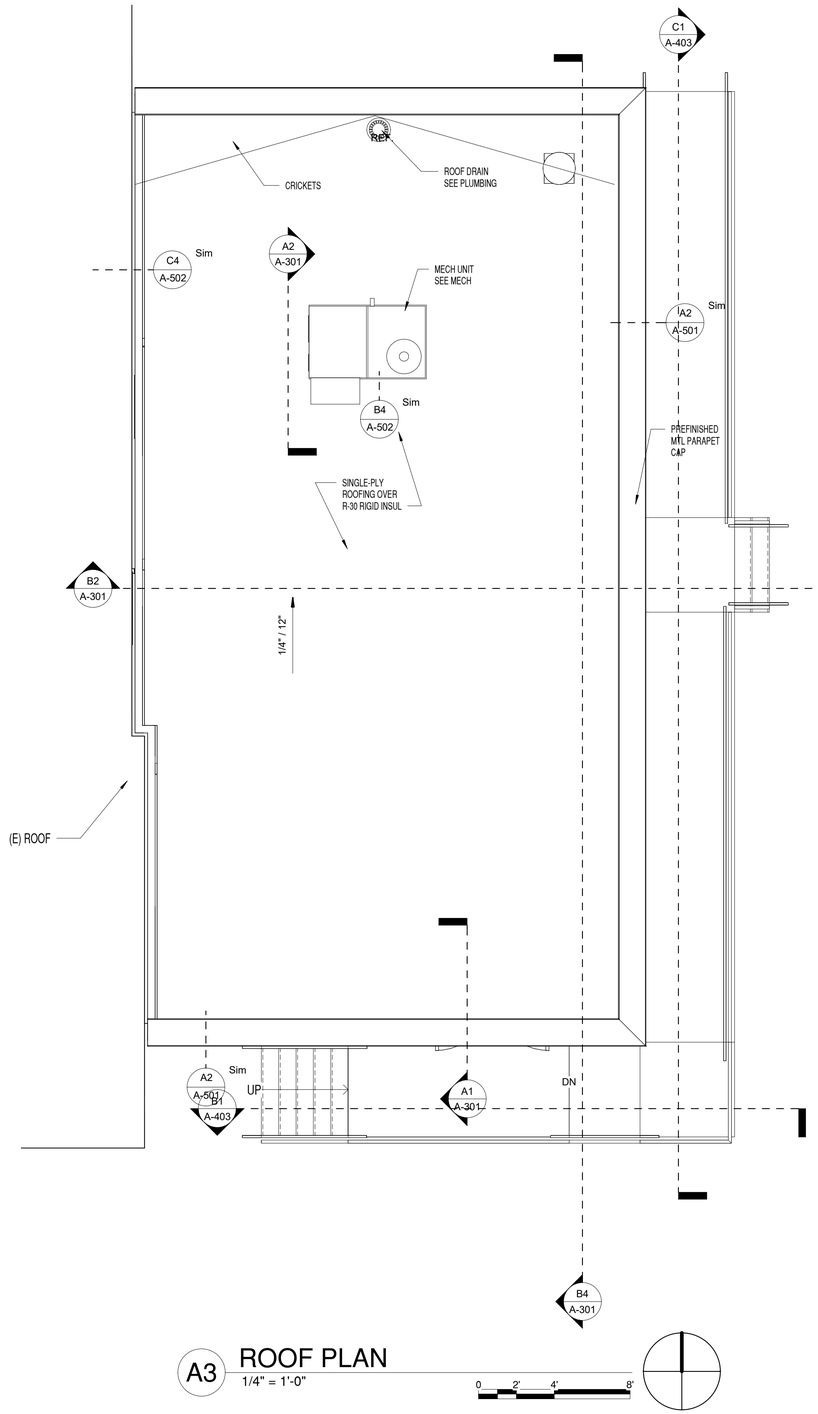
SECOND FLOOR REFLECTED CEILING PLAN

SHEET NO:

A-106



A3 ROOF PLAN

1/4" = 1'-0"

0 2' 4' 8'

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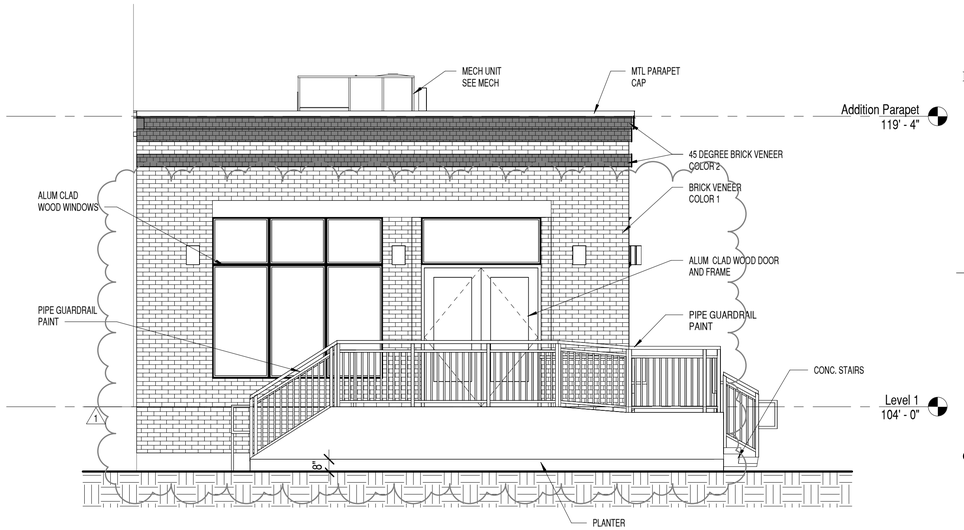
SHEET TITLE

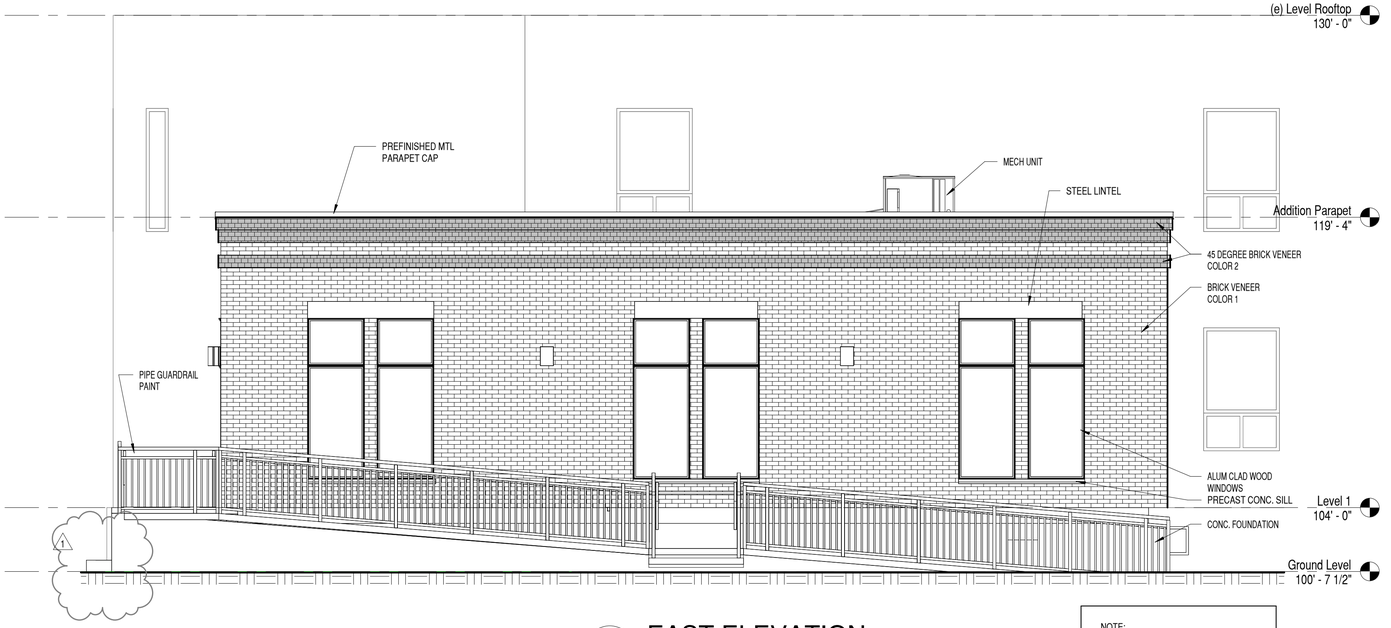
ROOF PLAN

SHEET NO:

A-107



B4 SOUTH ELEVATION
1/4" = 1'-0"
0 2' 4' 8'



A4 EAST ELEVATION
1/4" = 1'-0"
0 2' 4' 8'

EXTERIOR FINISHES		
ITEM	FINISH	COLOR
CONCRETE FOUNDATION, STAIRS AND RAMPS	UNFINISHED	NATURAL
PRECAST CONCRETE SILL	SEALED	NATURAL
METAL PIPE RAILS AND HANDRAILS	PAINTED	WHITE
PREFINISHED METAL PARAPET CAP	PREFINISHED	GRAY
BRICK COLOR 1	UNFINISHED	TBD
BRICK COLOR 2	UNFINISHED	TBD
ALUM WINDOW FRAME	PREFINISHED	WHITE
ALUM DOOR FRAME	PREFINISHED	WHITE

NOTE:
BRICK COLOR 1 AND 2 WILL BE DETAILED WHEN FINAL BRICK PRODUCT IS SELECTED

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MARK	DATE	DESCRIPTION
1	5/22/20	SHPO REVIEW COMMENTS

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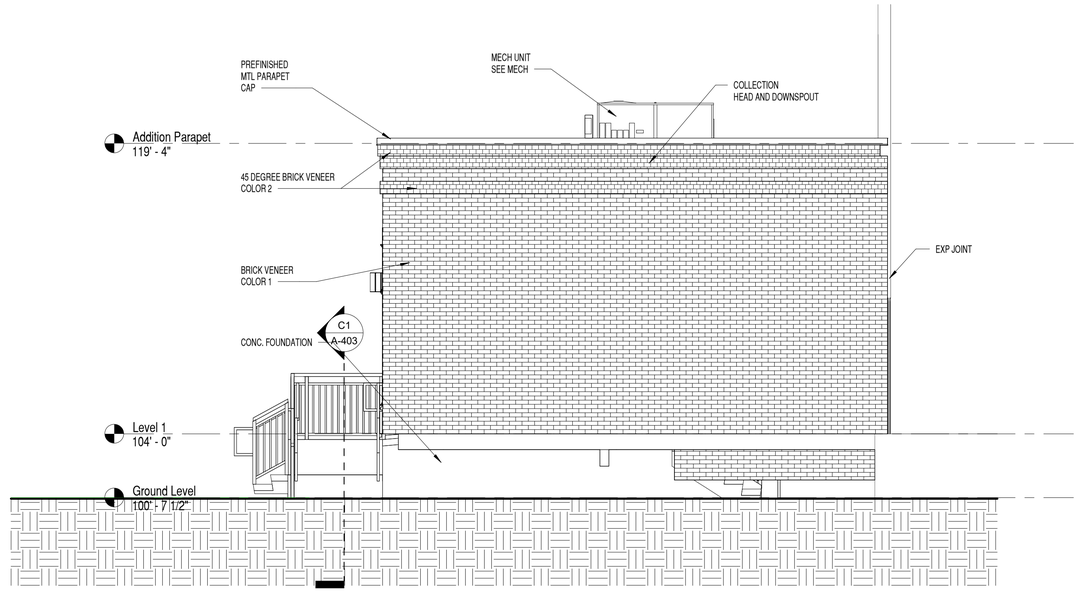
SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NO:

A-201



C3 NORTH EXTERIOR ELEVATION

1/4" = 1'-0"

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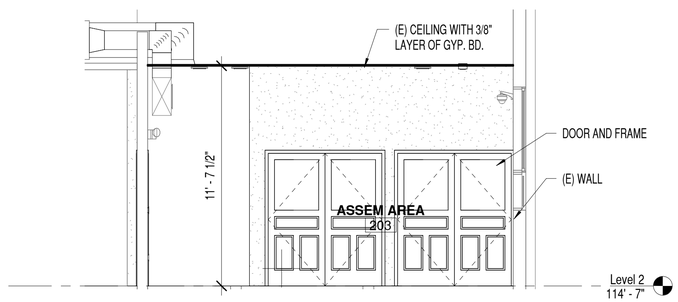
SHEET TITLE

EXTERIOR ELEVATIONS

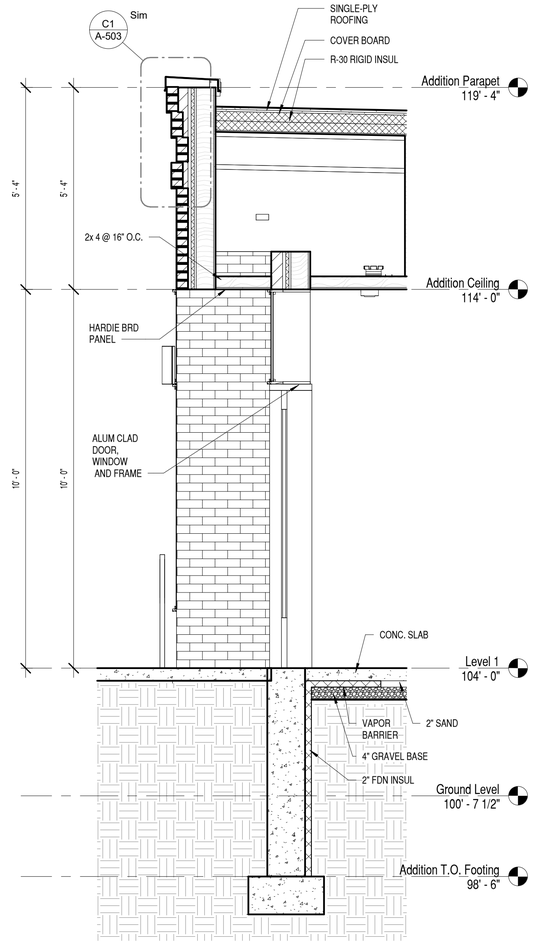
SHEET NO:

A-202



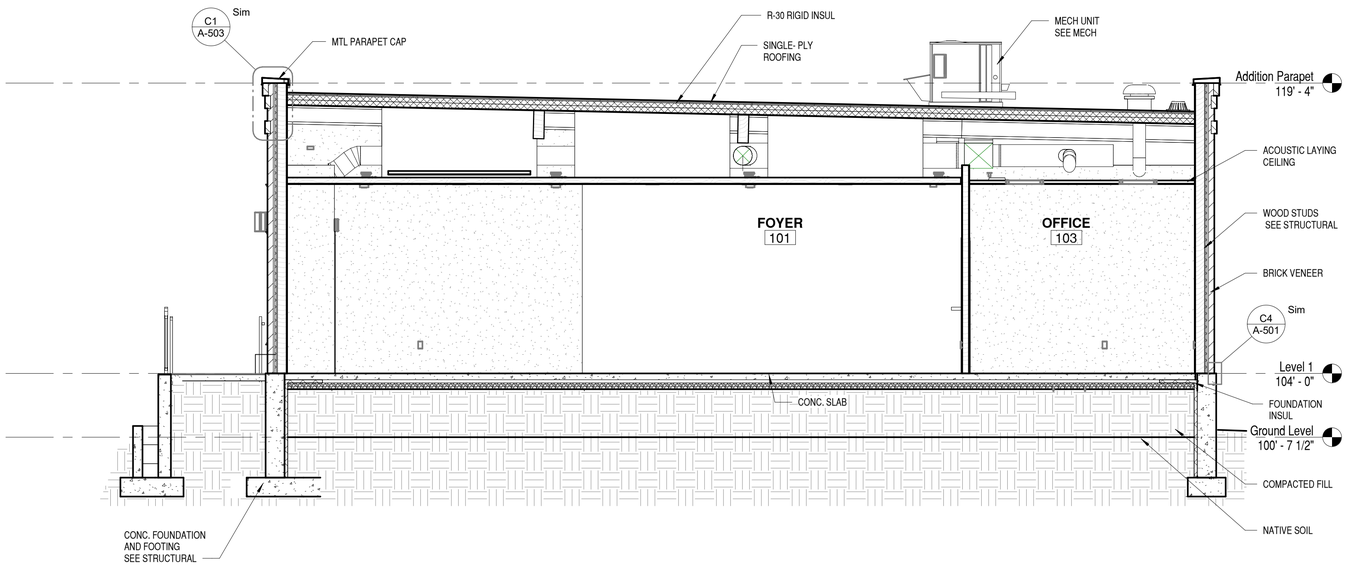
C1 BUILDING SECTION

1/4" = 1'-0"



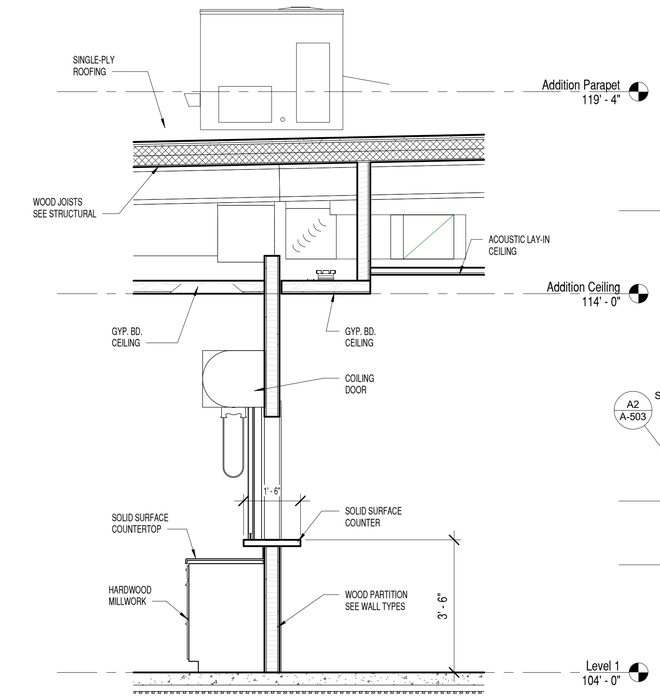
A1 WALL SECTION

1/2" = 1'-0"



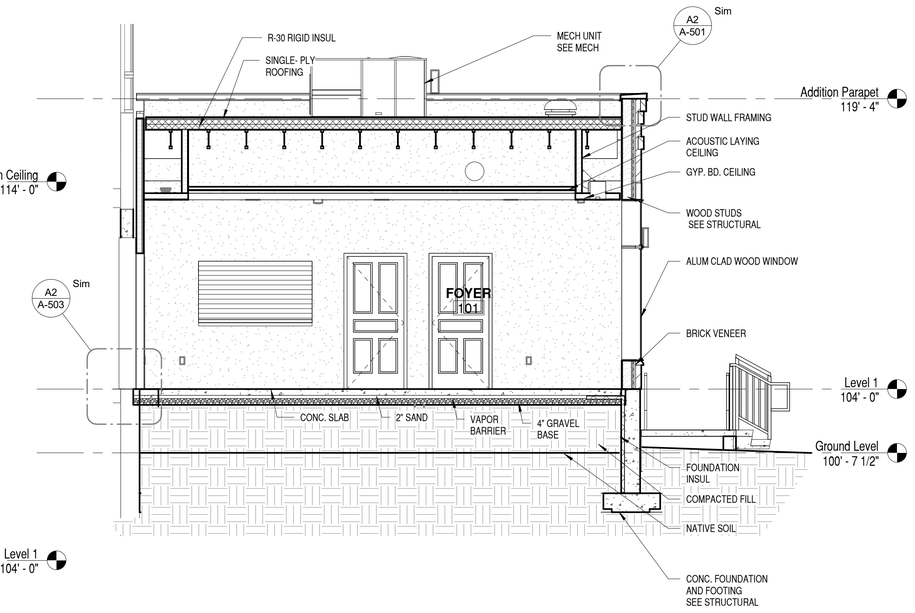
B4 BUILDING SECTION

1/4" = 1'-0"



A2 WALL SECTION

1/2" = 1'-0"



B2 BUILDING SECTION

1/4" = 1'-0"

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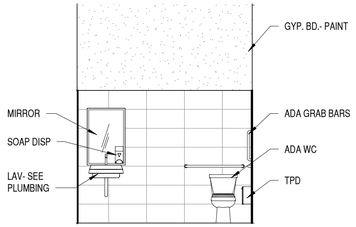
SHEET TITLE

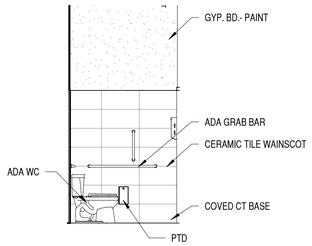
BUILDING SECTION

SHEET NO:

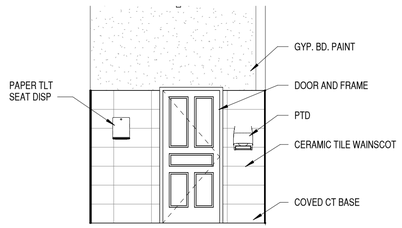
A-301



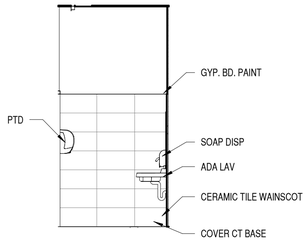
D1 INTERIOR ELEVATION
1/4" = 1'-0"



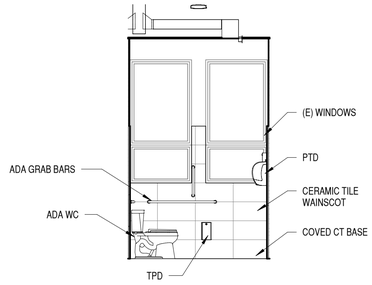
D2 INTERIOR ELEVATION
1/4" = 1'-0"



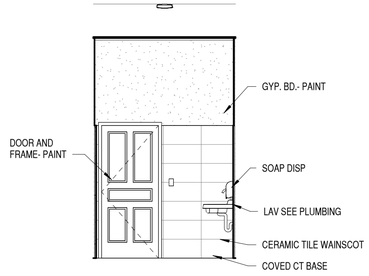
D3 INTERIOR ELEVATION
1/4" = 1'-0"



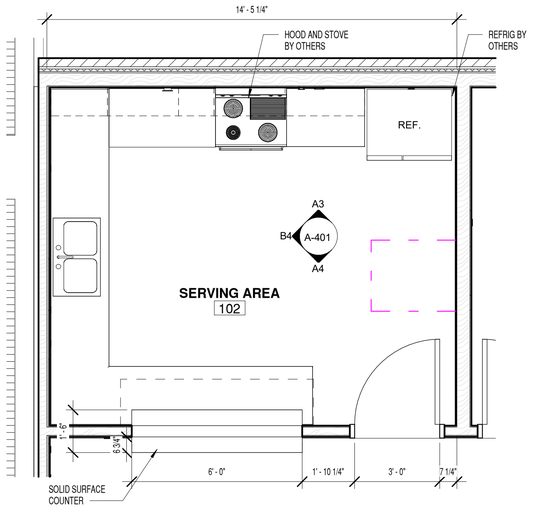
C1 INTERIOR ELEVATION
1/4" = 1'-0"



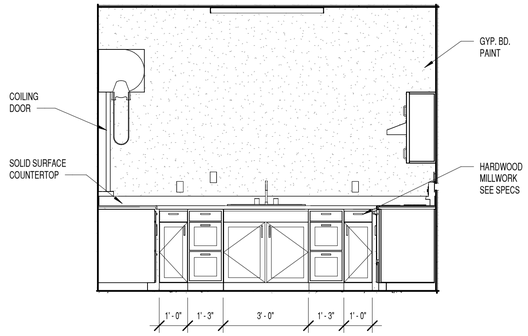
C2 INTERIOR ELEVATION
1/4" = 1'-0"



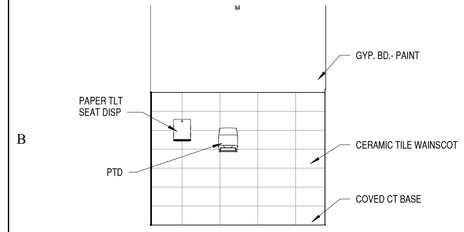
1 INTERIOR ELEVATION
1/4" = 1'-0"



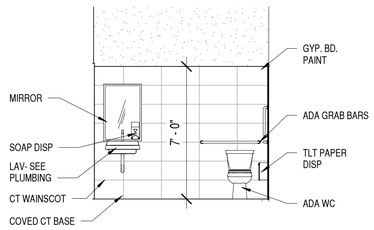
C4 ENLARGED SERVER PLAN
3/8" = 1'-0"



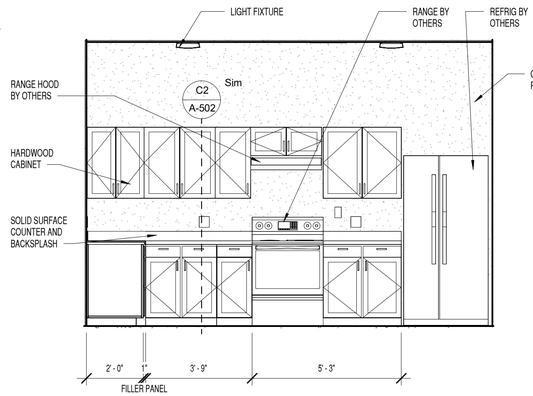
B4 INTERIOR ELEVATION
3/8" = 1'-0"



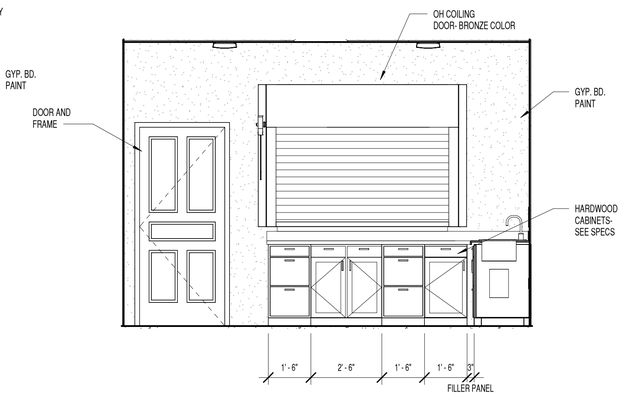
B1 INTERIOR ELEVATION
1/4" = 1'-0"



B2 INTERIOR ELEVATION
1/4" = 1'-0"



A3 INTERIOR ELEVATION
3/8" = 1'-0"



A4 INTERIOR ELEVATION
3/8" = 1'-0"

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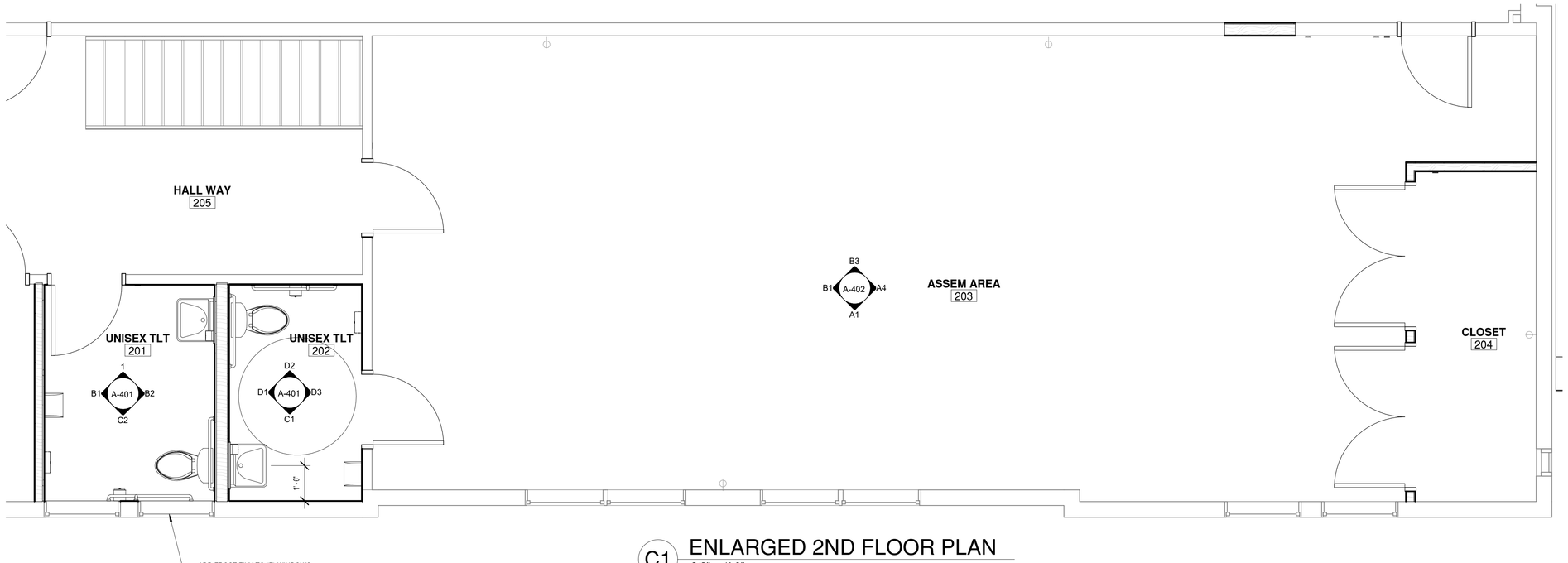
SHEET TITLE

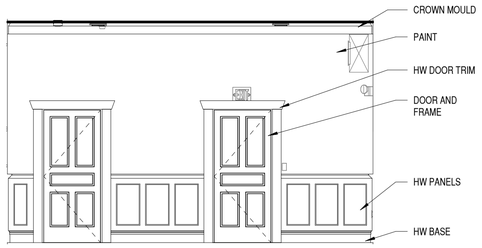
ENLARGED PLAN

SHEET NO:

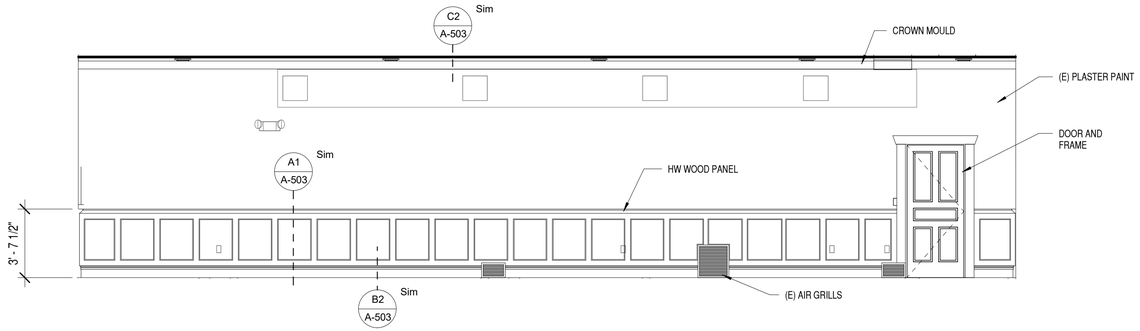
A-401



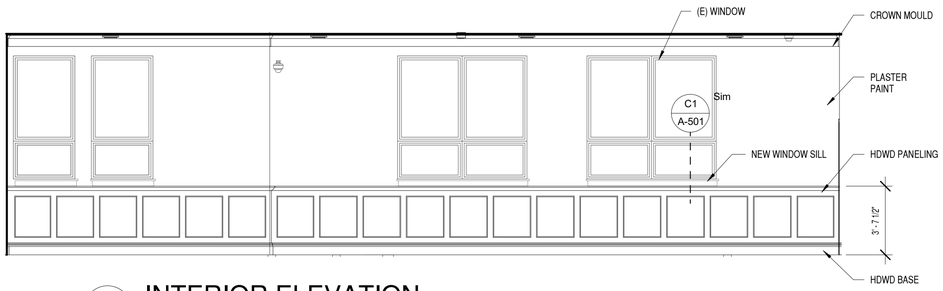
C1 ENLARGED 2ND FLOOR PLAN
3/8" = 1'-0"



B1 INTERIOR ELEVATION
1/4" = 1'-0"



B3 INTERIOR ELEVATION
1/4" = 1'-0"



A1 INTERIOR ELEVATION
1/4" = 1'-0"

A4 INTERIOR ELEVATION
1/4" = 1'-0"

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SHEET TITLE

ENLARGED 2ND FLOOR PLAN

SHEET NO:

A-402

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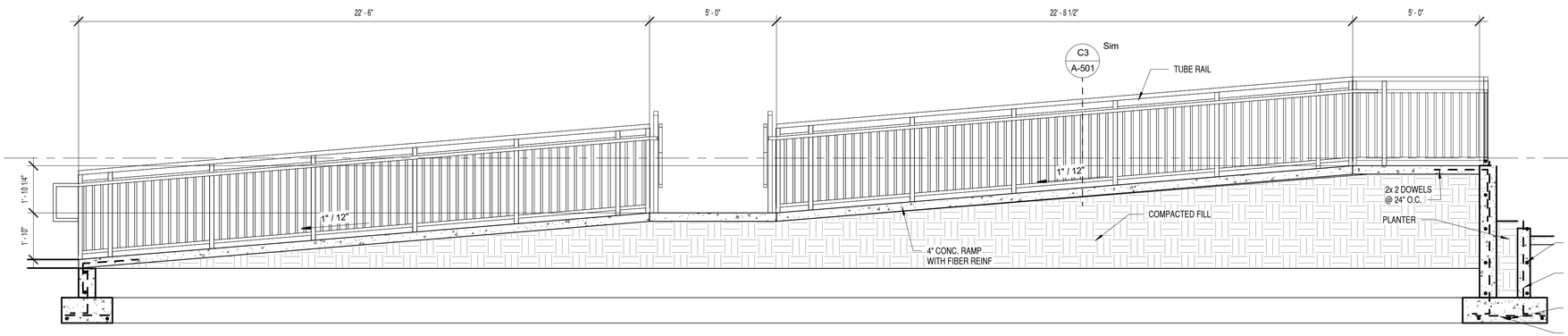
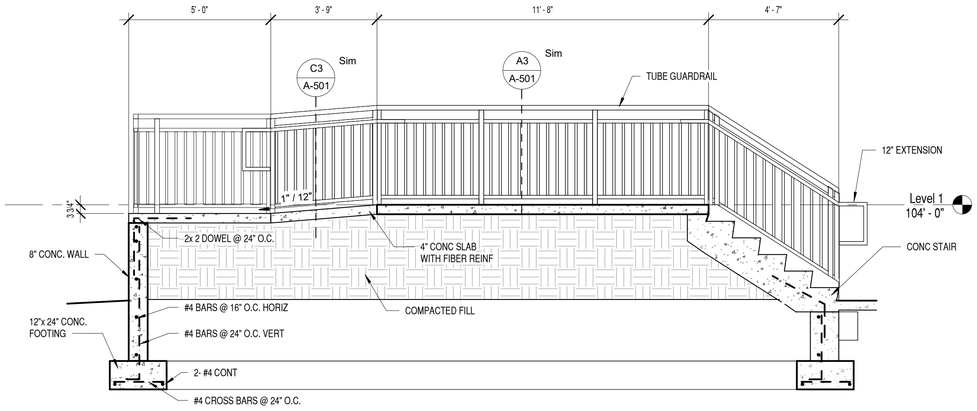
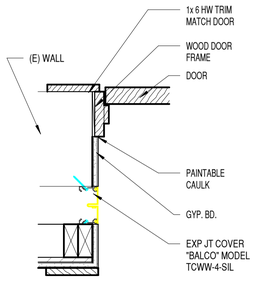


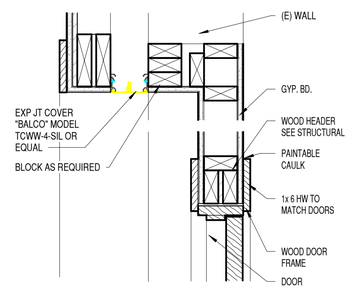
C1 RAMP SECTION
3/8" = 1'-0"



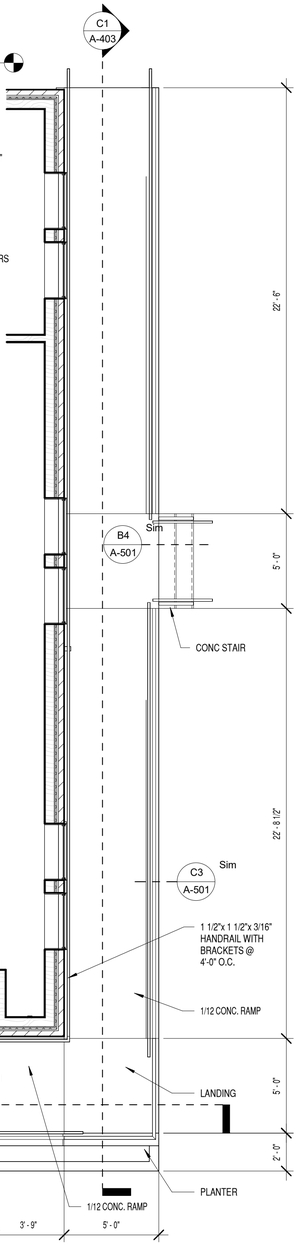
B1 RAMP SECTION
3/8" = 1'-0"



A1 WOOD DOOR JAMB AT (E) WINDOW
1 1/2" = 1'-0"



A2 WOOD DOOR HEAD AT (E) WINDOW
1 1/2" = 1'-0"



A4 ENLARGED RAMP PLAN
1/4" = 1'-0"

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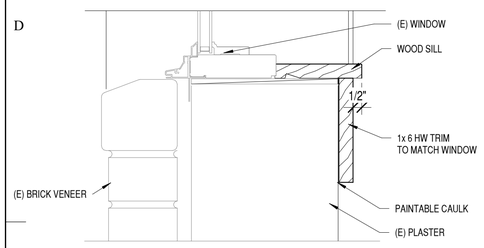
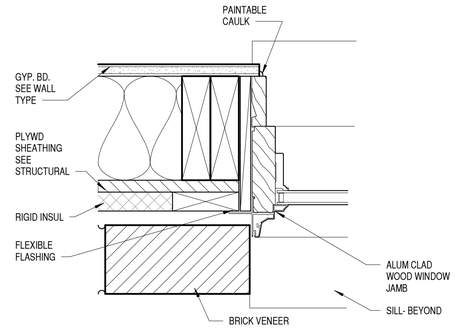
SHEET TITLE
ENLARGED PLAN

SHEET NO:
A-403

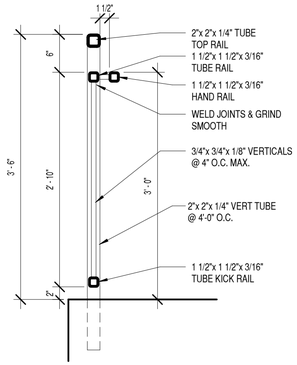


C1 (E) WINDOW SILL
3" = 1'-0"



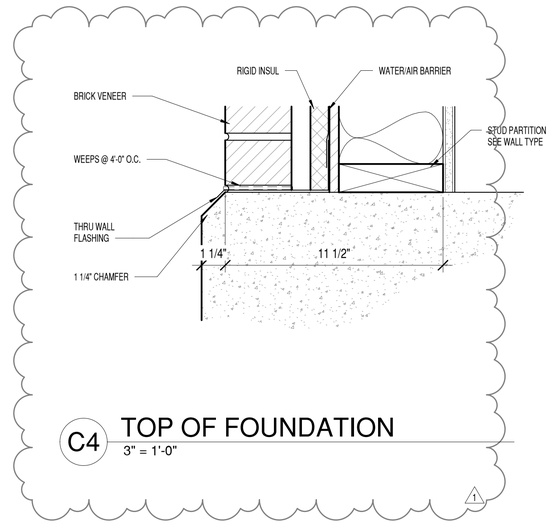
C2 WINDOW JAMB
3" = 1'-0"

0 3" 6" 9"



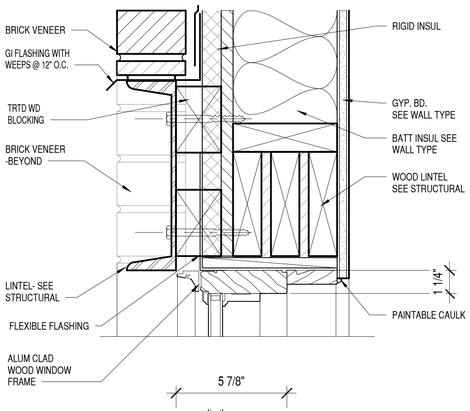
C3 PUBLIC TUBE GUARDRAIL AND HANDRAIL
1" = 1'-0"

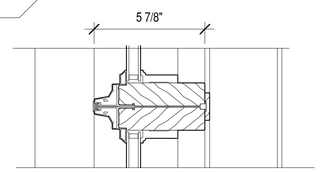
0 1/2" 1' 2'

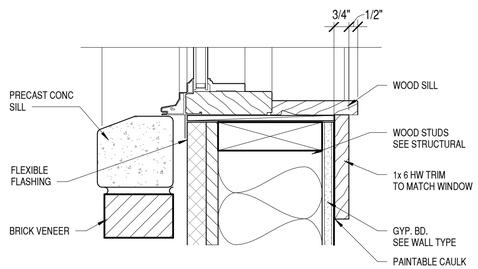


C4 TOP OF FOUNDATION
3" = 1'-0"

1

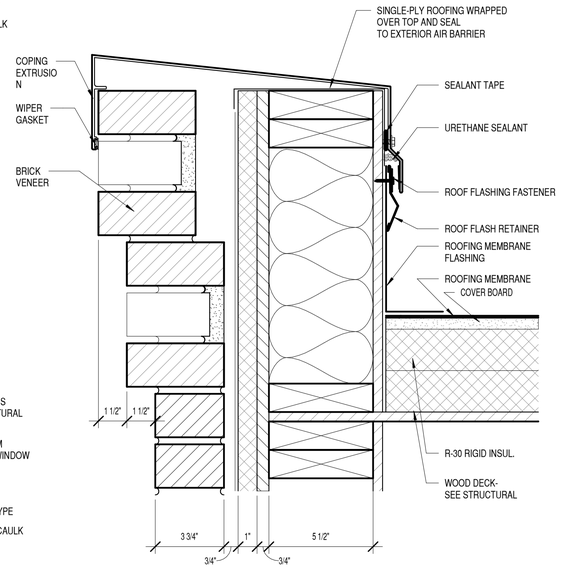






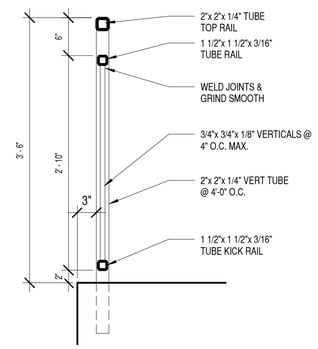
A1 WINDOW HEAD/SILL
3" = 1'-0"

0 3" 6" 9"



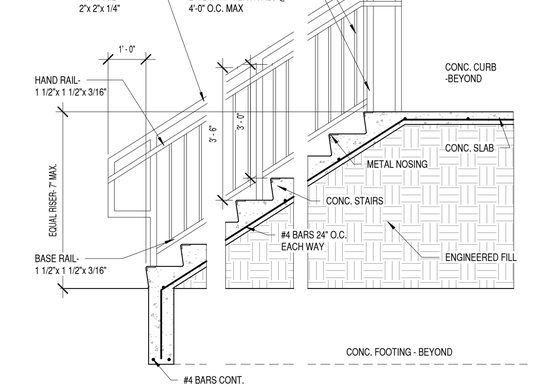
A2 PARAPET
3" = 1'-0"

0 3" 6" 9"

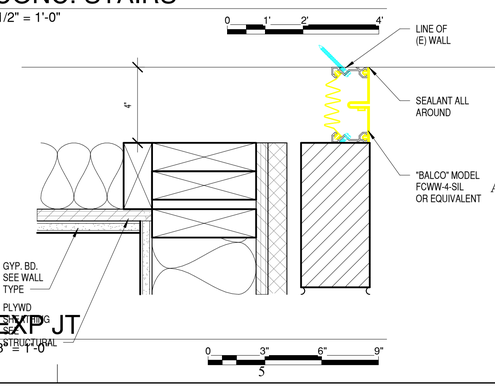


A3 PUBLIC TUBE GUARDRAIL
1" = 1'-0"

0 1/2" 1' 2'



B4 CONC. STAIRS
1/2" = 1'-0"



A4 EXP JT
3" = 1'-0"

0 3" 6" 9"

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CONSULTANTS

STAMP

STATE OF UTAH
STEVEN J. PETERSON
6830295-0301
LICENSED ARCHITECT

07/08/25

HYRUM CITY

ELITE HALL ADDITION
98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION
1	5/22/20	SHPO REVIEW COMMENTS

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	KDL
CHK'D BY:	SJP

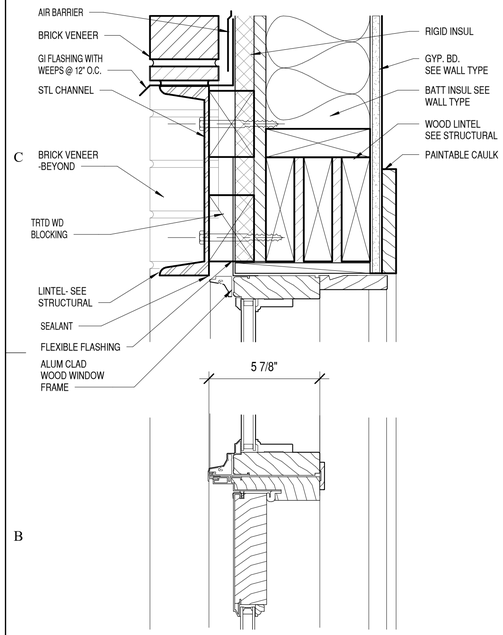
BID/PERMIT SET
JULY 08, 2025

SHEET TITLE

DETAILS

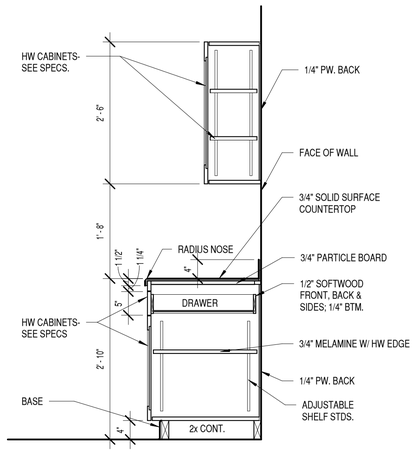
SHEET NO:

A-501



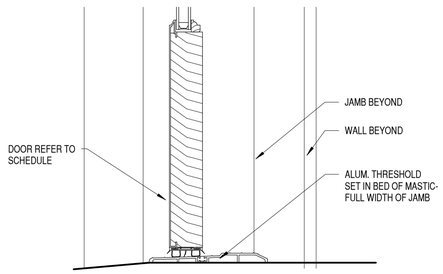
B1 WOOD ENTRY DOOR HEAD

3" = 1'-0"



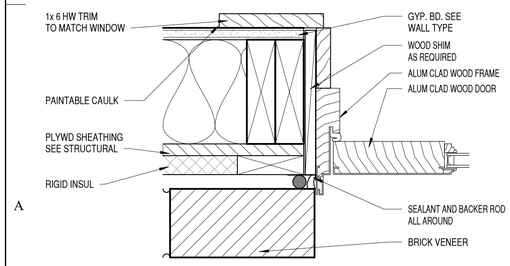
C2 CABINET SECTION W/ SOLID SURFACE

3/4" = 1'-0"



B2 DOOR THRESHOLD

3" = 1'-0"



A1 WOOD ENTRY DOOR JAMB

3" = 1'-0"

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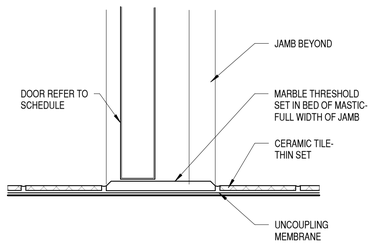
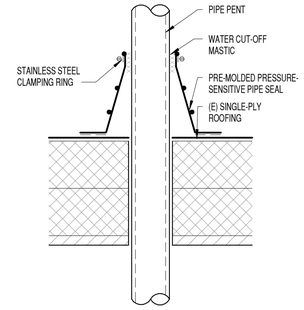


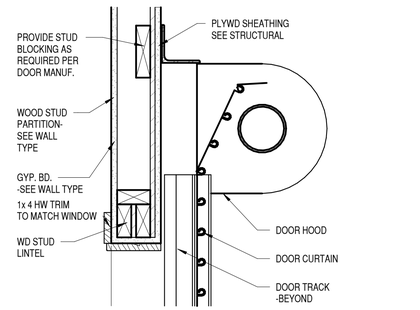
A2 MARBLE THRESHOLD

3" = 1'-0"



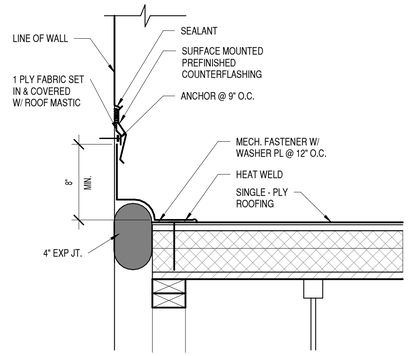
C3 EPDM PIPE PENT

3" = 1'-0"



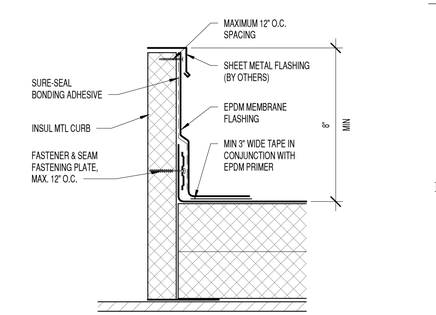
B3 DETAIL

1 1/2" = 1'-0"



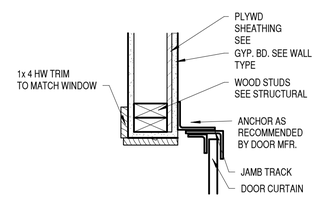
C4 REGLET & EXP JT

1 1/2" = 1'-0"



B4 EPDM MECH CURB

3" = 1'-0"



A3 DETAIL

1 1/2" = 1'-0"

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STEVEN J. PETERSON
6830295-0301
LICENSED ARCHITECT

07/08/25

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
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DRAWN BY:	KDL
CHK'D BY:	SJP

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JULY 08, 2025

SHEET TITLE

DETAILS

SHEET NO:

A-502

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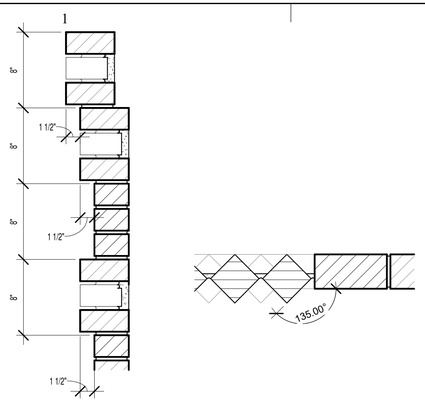
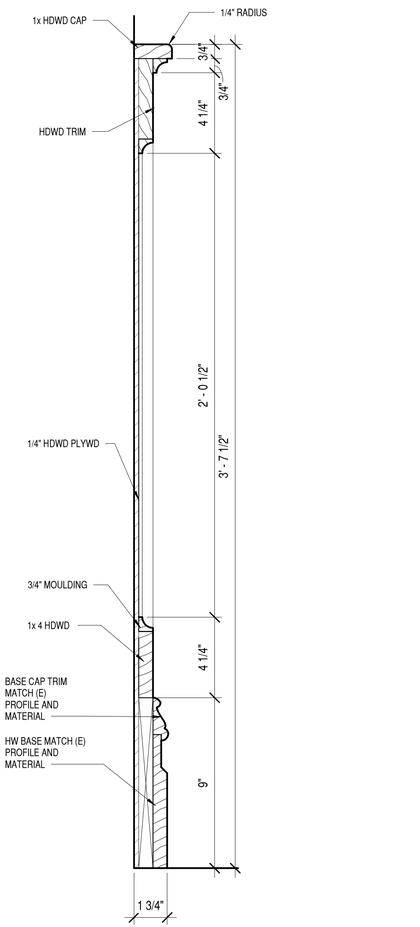
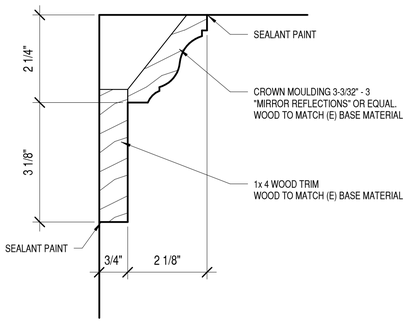


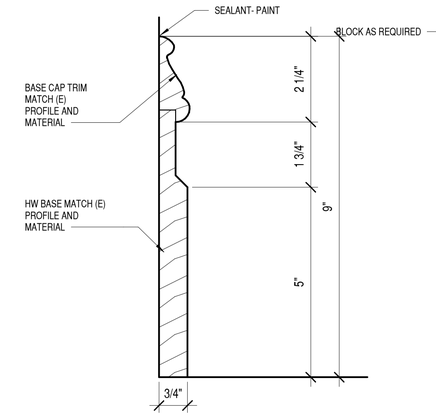
C1 BRICK CORNICE
1 1/2" = 1'-0"



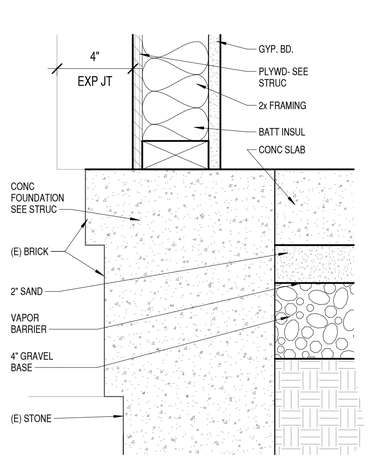
A1 WALL PANELING
3" = 1'-0"



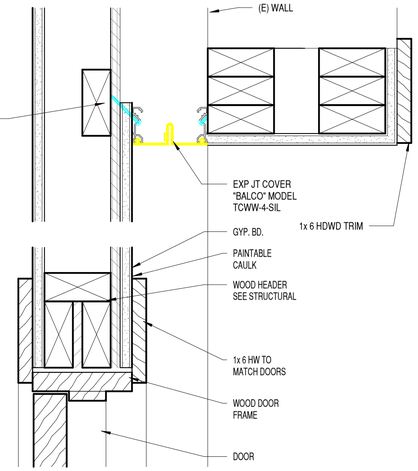
C2 CROWN MOULD
6" = 1'-0"



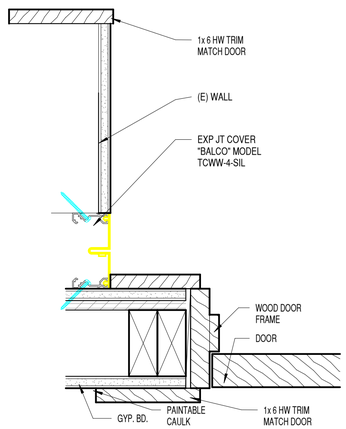
B2 FLOOR BASE
6" = 1'-0"



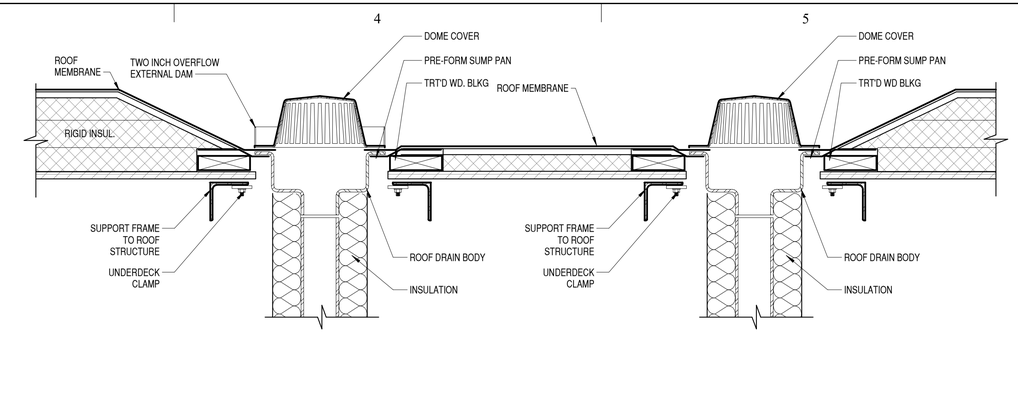
A2 SLAB TO EX FDN
3" = 1'-0"



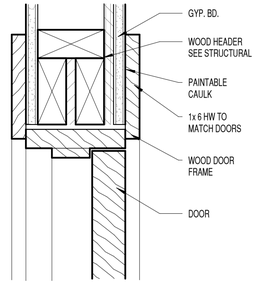
B3 WOOD DOOR HEAD AT (E) WALL
3" = 1'-0"



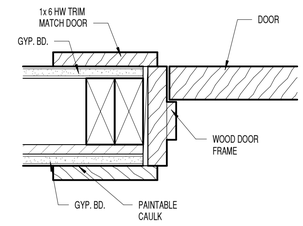
A3 WOOD DOOR JAMB AT (E) WALL
3" = 1'-0"



C3 ROOF DRAIN AND OVERFLOW
1 1/2" = 1'-0"



B5 WOOD DOOR HEAD
3" = 1'-0"



A5 WOOD DOOR JAMB
3" = 1'-0"

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STEVEN J. PETERSON
6830295-0301
LICENSED ARCHITECT

07/08/25

ELITE HALL ADDITION
98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	KDL
CHK'D BY:	SJP

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JULY 08, 2025

SHEET TITLE

DETAILS

SHEET NO:

A-503

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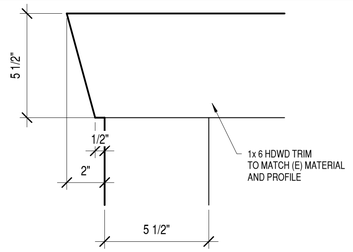
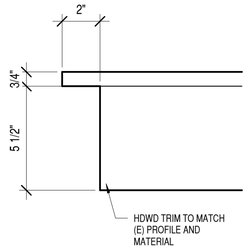
DOOR SCHEDULE

DOOR NUMBER	TYPE	DOOR				FRAME		DETAILS			GLAZING	FIRE RATING	COMMENTS	HINGES						LOCKSETS								STOPS		DOOR SEAL						MISC.				
		MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	HEAD	JAMB	THRESHOLD				NUMBER	PIVOTS	BALL BEARING	BRONZE/BRASS	STAINLESS STEEL	N.R. PINS	ENTRANCE	EXIT DEVICE	OFFICE	PASSAGE	PRIVACY	STORE ROOM	FLUSH BOLTS	DEAD BOLT	WALL STOP	FLOOR STOP	SMOKE STRIP	WEATHER STRIP	ASTRAGAL	SWEEP	THRESHOLD	CLOSER	PUSH/PULL	COORDINATOR	KICK PLATE	ARMOR PLATE
101 A	HG	WD	3' - 6"	7' - 0"	1 3/4"	M1	WD	A1/A403	A2/A403	A2/A503	TEMP			4			X			X	X								X						X			X	
101 B	HG	WD	3' - 0"	7' - 0"	1 3/4"	G1	WD	B3/A503	A3/A503	A2/A503				3		X	X			X	X								X	X				X	X			X	
101 C	FG	ALUM	3' - 0"	7' - 4"	1 3/4"	A2	ALUM	D1/A502	C1/A502	B2/A502	TEMP/INSUL		PAIR OF EXT DOORS	6					X	X	X				X	X		X		X	X	X	X	X	X	X		X	
102 A	F	WD	3' - 0"	7' - 0"	1 3/4"	G1	WD	B5/A503	A5/A503	A2/A502				3			X					X						X											
102 B	OHC	ALUM	6' - 0"	3' - 6"			ALUM	B3/A502	A3/A502				SLIDE LOCK, COLOR TO BE BRONZE																											
103 A	F	WD	3' - 0"	7' - 0"	1 3/4"	G1	WD	B5/A503	A5/A503					3			X					X						X											
201 A	F	WD	3' - 0"	7' - 0"	1 3/4"	G1	WD	B5/A503	A5/A503					3			X						X					X										X	
202 A	F	WD	3' - 0"	7' - 0"	1 3/4"	G1	WD	B5/A503	A5/A503					3			X							X														X	
203 A	HG	WD	3' - 0"	7' - 0"	1 3/4"								NEW HARDWARE AND DOOR PANEL IN EXISTING FRAME			X	X			X										X						X			
203 B	HG	WD	3' - 0"	7' - 0"	1 3/4"								NEW HARDWARE AND DOOR PANEL IN EXISTING FRAME	3			X			X										X									
204 A	F	WD	3' - 0"	7' - 0"	1 3/4"	G2	WD	B5/A503	A5/A503				PAIR OF DOORS; KICK PLATE BOTH SIDES OF BOTH DOORS	6			X			X						X				X						X			
204 B	F	WD	3' - 0"	7' - 0"	1 3/4"	G2	WD	B5/A503	A5/A503				PAIR OF DOORS; KICK PLATE BOTH SIDES OF BOTH DOORS	6			X			X						X				X						X			
205 A	HG	WD	3' - 0"	7' - 0"	1 3/4"								NEW HARDWARE AND DOOR PANEL IN EXISTING FRAME	3		X	X			X	X									X						X			
205 B	F	WD	3' - 0"	7' - 0"	1 3/4"								NEW HARDWARE AND DOOR PANEL IN EXISTING FRAME	3			X								X					X								X	

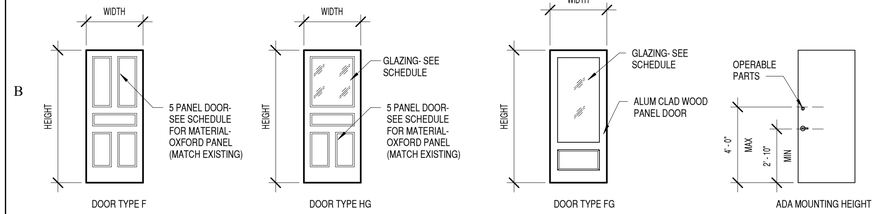
ENERGY REQUIREMENT:			
ITEMS	U- VALUE MIN	SHGC- VALUE MIN	VLT- VALUE MIN
ENTRY DOOR EXTERIOR WINDOWS	.63 .36	.38 .38	.6 .6

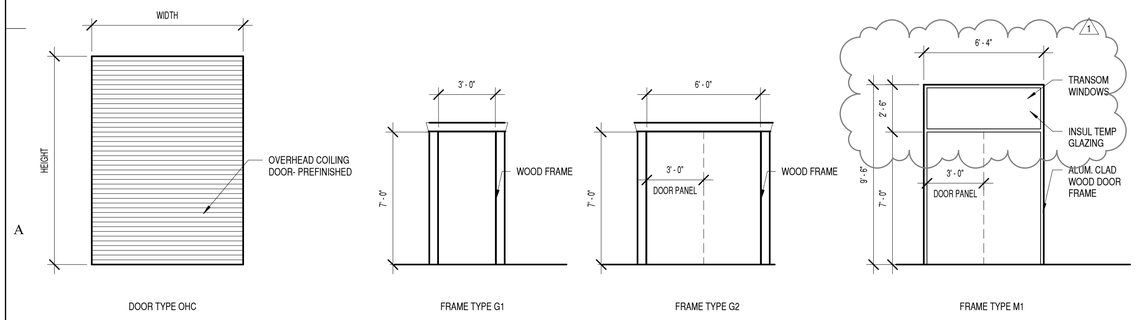


B3 DOOR TRIM
3" = 1'-0"

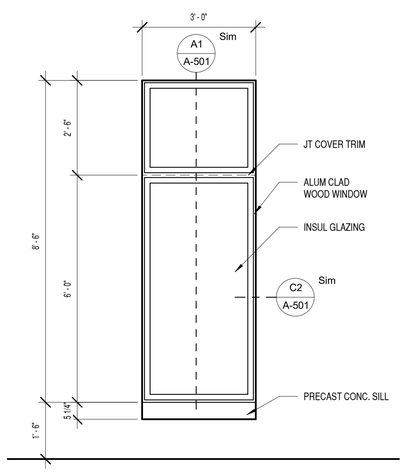


B4 WINDOW TRIM ELEV
3" = 1'-0"

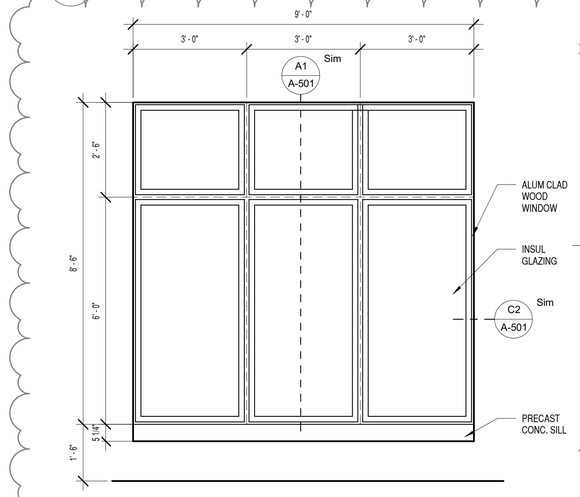




A1 DOOR AND FRAME TYPES
1/4" = 1'-0"
0 2' 4' 8'



A3 WINDOW TYPE "A"
1/2" = 1'-0"
0 1' 2' 4'



A4 WINDOW TYPE "B"
1/2" = 1'-0"
0 1' 2' 4'

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JULY 08, 2025

SHEET TITLE
DOOR TYPES AND SCHEDULE AND WINDOW TYPES

SHEET NO:
A-601

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER & MODEL	GPM	CONNECTIONS				REMARKS
				CW	HW	WASTE	VENT	
AAV-1	AIR ADMITTANCE VALVE	OATEY 39020	-	-	-	-	1 1/2"	ASSE 1051, 8 DFU CAPACITY.
DN-1	DOWNSPOUT NOZZLE	J.R. SMITH 1770	-	-	-	3"	-	BIRD SCREEN
FD-1	SQUARE HEAD FLOOR DRAIN	J.R. SMITH 2005Y-B-P050-NB	-	-	-	2"	1 1/2"	SQUARE HEAD, NICKEL BRONZE STRAINER HEAD, PROVIDE QUAD CLOSE TRAP SEAL DEVICE: J.R. SMITH 2692 OR EQUAL.
FD-2	ROUND HEAD FLOOR DRAIN	J.R. SMITH 2005Y-B-P050-NB	-	-	-	2"	1 1/2"	ROUND HEAD, NICKEL BRONZE STRAINER HEAD, PROVIDE QUAD CLOSE TRAP SEAL DEVICE: J.R. SMITH 2692 OR EQUAL.
KS-1	KITCHEN SINK - DOUBLE COMPARTMENT - ADA	ELKAY CR322133224 SINK LKD232SBH5C FAUCET	1.5	1/2"	1/2"	1 1/2"	-	18GA, S304 SELF RIMMING TOP MOUNT, 33"x22", SOUNG GUARD, 3/4 HP BADGER INSINKERARON 5XP DISPOAL.
LAV-1	WALL HUNG LAVATORY - ADA	AMERICAN STANDARD 0124.131 SINK 7075.056 FAUCET	0.5	3/8"	3/8"	1 1/2"	1 1/2"	SINGLE HANDLE FAUCET WITH CHROME FINISH, GRID DRAIN, CONCEALED ARM SUPPORT, PROTECTIVE ADA WRAP ON PIPES
MV-1	MIXING VALVE	ACORN ST70	4	1/2"	1/2"	-	-	1/2" OUTLET, ASSE 1070
RD-1	ROOF DRAIN	J.R. SMITH 1010	-	-	-	3"	-	POLYETHYLENE DOME, UNDERDECK CLAMP, SUMP RECEIVER
RDO-1	OVERFLOW ROOF DRAIN	J.R. SMITH 1080Y-CID	-	-	-	3"	-	CAST IRON DOME, UNDERDECK CLAMP, 2" WATER DAM
WC-1	WATER CLOSET - FLOOR MOUNT - PRESSURE ASSIST - ADA	AMERICAN STANDARD 2467.016	1.6 GPF	1/2"	-	3"	-	EVERCLEAN , 5321.110 SEAT, PRESSURE ASSIST
WCO	WALL CLEANOUT	JR SMITH 4472T	-	-	-	MATCH LINE SIZE	-	PROVIDE WALL ACCESS

PIPING AND EQUIPMENT INSULATION SCHEDULE

SYMBOL	SYSTEM	PIPING	INSULATION					NOTES
		MATERIAL	INDOOR			OUTDOOR		
			MATERIAL	JACKET - CONCEALED	JACKET - EXPOSED	MATERIAL	JACKET	
DCW DHW	DOMESTIC WATER	COPPER	PRE-FORMED MINERAL FIBER OR FIBERGLASS	ASJ	PVC	NA	NA	MATCH EXISTING MATERIAL

MINIMUM PIPE INSULATION THICKNESS TABLE

FLUID DESIGN OPERATING TEMP RANGE (°F)	VAPOR BARRIER RATING (PERMS)	INSULATION CONDUCTIVITY		NOMINAL PIPE OR TUBE SIZE (IN)				
		CONDUCTIVITY (BTU-IN/(H-FT2-°F))	MEAN RATING TEMP (°F)	<1"	1" TO <1 1/2"	1 1/2" TO <4"	4" TO <8"	<8"
105-140	-	0.21-0.28	100	1	1	1.5	1.5	1.5

PIPING MATERIAL SCHEDULE

SYSTEM	MATERIAL	JOINTS	REMARKS
DOMESTIC HOT & COLD WATER	TYPE 'L' COPPER	SOLDERED OR PRO-PRESS	MATCH EXISTING MATERIAL
NATURAL GAS - ABOVE GRADE	SCH 40 BLACK STEEL	THREADED	MATCH EXISTING MATERIAL
SANITARY SEWER & VENT	SOLID WALL PVC	SOLVENT WELD	MATCH EXISTING MATERIAL
ROOF DRAIN	SOLID WALL PVC	SOLVENT WELD	MATCH EXISTING MATERIAL
CONDENSATE DRAIN	DWV PVC	SOLVENT WELD	MATCH EXISTING MATERIAL

CIRCULATING PUMP SCHEUDLE

MARK	MANUFACTURER & MODEL	SYSTEM SERVED	TYPE	GPM	HEAD (FT)	FLUID	FLUID TEMP	MOTOR		WEIGHT (LBS)	NOTES
								AMP	VOLT/ PHASE		
CP-1	TACO 006e3LC	DHW	CANNED ROTOR	-	-	WATER	120	0.54	120V/1	-	1, 2

NOTES:
1) EC MOTOR
2) HOT-LINK UNDERSINK BYPASS VALVE

WATER HAMMER ARRESTER SCHEDULE

MARK	MANUFACTURER & MODEL	FIXTURE UNITS	PIPE SIZE (IN)	HEIGHT (IN)	DIAMETER (IN)	NOTES
WHA-A	J.R. SMITH 5005	1-11	3/4	2.62	3.25	PROVIDE ACCESS

NOTES:
1) ALL WATER HAMMER ARRESTERS LISTED IN SCHEDULE MAY NOT APPEAR ON DRAWINGS.
2) SIZE AND SELECT ALL WATER HAMMER ARRESTORS PER MANUFACTURER'S RECOMMENDATIONS.

PLUMBING GENERAL NOTES:

1. ALL EQUIPMENT MANUFACTURES SHOWN AS A BASIS OF DESIGN. NOT INTENDED TO SOLE SOURCE EQUIPMENT MANUFACTURER.
2. THE CONTRACTOR SHALL NOT SHUT-OFF (PUT OUT OF SERVICE) ANY SYSTEM'S SERVICES WITHOUT FIRST COORDINATING ALL DOWNTIME WITH THE OWNER'S PERSONNEL. UTILITY INTERRUPTIONS REQUIRED TO ACCOMMODATE NEW CONNECTIONS MAY REQUIRE ODD HOUR WORK.
3. PIPE ROUTING IS APPROXIMATE, DIAGRAMMATIC, AND IS NOT TO BE SCALED. WHERE ALTERNATE ROUTING, OFFSETS AND TRANSITIONS ARE REQUIRED FOR COORDINATION OF ALL WORK, THE CONTRACTORSHALL MAKE CHANGES WITHOUT ADDITIONAL COSTS.
4. THE CONTRACTOR SHALL CLOSELY COORDINATE NEW PLUMBING WITH ALL ELECTRICAL, MECHANICAL, ARCHITECTURAL, AND STRUCTURAL MEMBERS.
5. ALL PIPING AND PLUMBING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE, NATIONAL FIRE CODE, AND INTERNATIONAL FUEL GAS CODE.
6. GAS PIPING, INCLUDING TAP & SERVICE, SHALL BE INCLUDED. COORDINATE METER LOCATION WITH LOCAL AUTHORITY. REGULATOR TO BE PIETRO FIORENTINI GOVERNOR UNLESS OTHERWISE NOTED.
7. WHEN CONNECTING NEW PIPING TO EXISTING, CONTRACTOR TO MATCH EXISTING PIPING MATERIAL UNLESS OTHERWISE INDICATED.
8. PRIME & PAINT ALL EXPOSED PIPES AND PIPE SUPPORTS.
9. ALL EXTERIOR SUPPORTS, BRACES, ANCHORS, ETC. WITH OPEN ENDSTO BE CAPPED & SEALED WEATHERTIGHT.
10. ROOF FLASHING MATERIALS: UNLESS NOTED ELSEWHERE, PROVIDE ROOF FLASHING AS REQUIRED / RECOMMENDED BY ROOFING AND/OR PIPING MANUFACTURERS.
11. PROVIDE ACCESS PANELS FOR SERVICING OF WALL HYDRANT, TRAP PRIMERS, AND WATER HAMMER ARRESTORS.
12. SIZE AND SELECT ALL WATER HAMMER ARRESTORS PER MANUFACTURER'SRECOMMENDATIONS.
13. ALL WETTED SURFACES OF POTABLE WATER PIPES, PIPE FITTINGS, PLUMBING FITTINGS AND FIXTURES MEET A WEIGHTED AVERAGE LEAD CONTENT OF NOMORE THAN 0.25 PERCENT PER ANSI 61 AND ANSI 372.
14. EXISTING UTILITY LOCATIONS AND SIZES ARE ESTIMATED. CONTRACTOR TO FIELD VERIFY.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER PIPING (DCW)
	DOMESTIC HOT WATER PIPING (DHW)
	VENT PIPING
	SANITARY SEWER PIPING (ABOVE GROUND)
	SANITARY SEWER PIPING (UNDERGROUND)
CD	CONDENSATE DRAIN
G	NATURAL GAS PIPING
	DIRECTION OF FLOW
	WATER HAMMER ARRESTER
	BLIND FLANGE OR CAP
	PIPING TEE DOWN
	PIPING TEE UP
	PIPING ELBOW UP
	PIPING ELBOW DOWN
	PRESSURE GAUGE
	UNION OR FLANGE
OR	FLOOR DRAIN OR FLOOR SINK
	WALL CLEANOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
DET# SHT#	DETAIL CALLOUT
XX-1	PLUMBING FIXTURE CALLOUT
CO	CLEANOUT
COTG	CLEANOUT TO GRADE
DN	DOWN
(E)	EXISTING
FCO	FLOOR CLEANOUT
SS	SANITARY SEWER
THRU	THROUGH
TYP	TYPICAL
VTR	VENT THRU ROOF
WCO	WALL CLEANOUT

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CONSULTANTS

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PROFESSIONAL ENGINEER
No.12292400-2202
BRIAN JAY GRESETH
STATE OF UTAH
7/8/2025

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	SN

BID/PERMIT SET

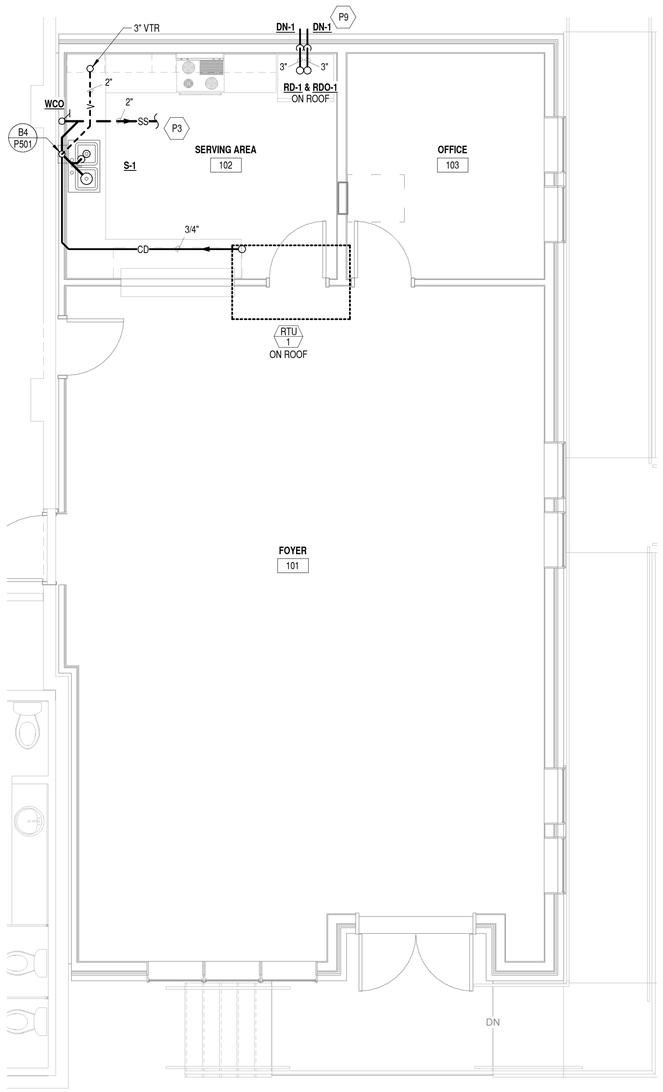
JULY 08, 2025

SHEET TITLE

PLUMBING SCHEDULES

SHEET NO:

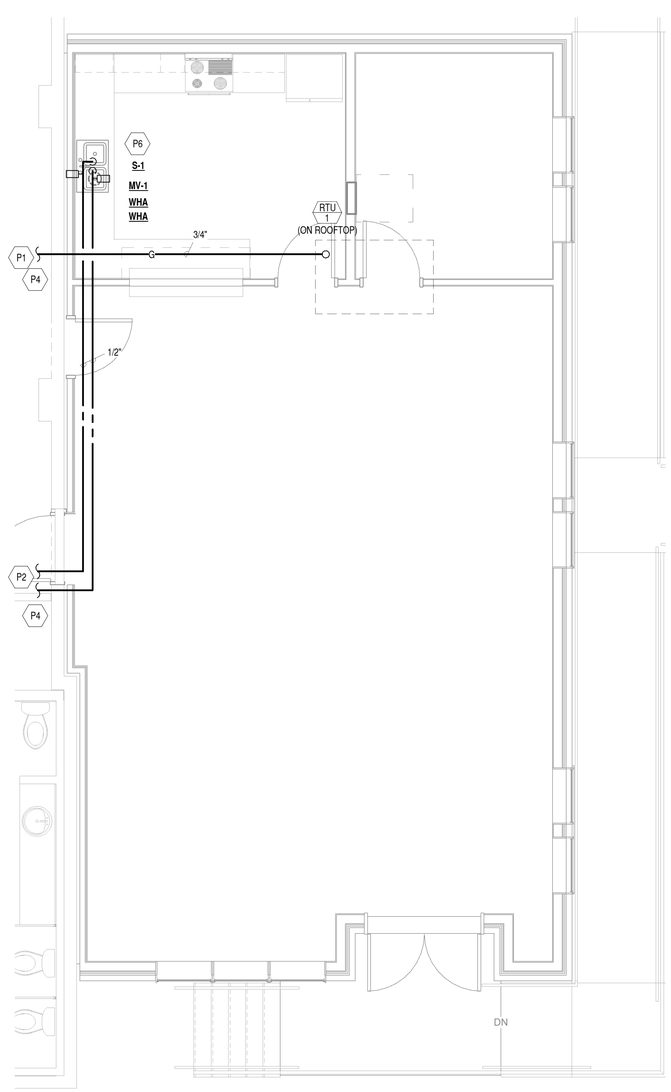
P-001



A1 ENLARGED NEW ADDITION WASTE AND VENT PLAN

1/4" = 1'-0"

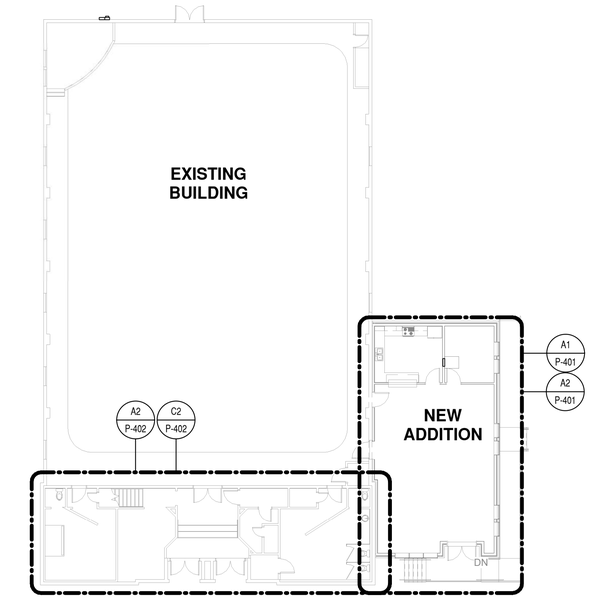
0 2' 4' 8'



A2 ENLARGED NEW ADDITION PLUMBING PLAN

1/4" = 1'-0"

0 2' 4' 8'



C4 OVERALL PLUMBING PLAN

1/16" = 1'-0"

0 8' 16' 32'

PLUMBING KEYED NOTES

MARK	NOTE
P1	CONNECT TO (E) GAS IN MAIN HALL. PROVIDE PIETRO FIORENTINI GOVERNOR PRESSURE REGULATOR IF NEEDED FOR EQUIPMENT INLET PRESSURE. CONTRACTOR TO FIELD LOCATE.
P2	CONNECT TO (E) DOMESTIC WATER IN MAIN HALL. CONTRACTOR TO FIELD LOCATE.
P3	CONNECT TO (E) SANITARY SEWER. CONTRACTOR TO FIELD LOCATE.
P4	INSTALL 'U' LOOP AT BUILDING EXPANSION JOINT.
P5	REINSTALL EXISTING WATER HEATER. INSTALL NEW EXPANSION TANK; AMTROL ST-5 OR EQUAL.
P6	INSTALL HOT WATER CIRCULATION BYPASS VALVE (TACO HOT LINE) UNDER KITCHEN SINK.
P7	ROUTE DCW UP IN WALL.
P8	INSTALL AIR ADMITANCE VALVE FOR SERVICE SINK WHERE VENT THRU ROOF WAS DEMOLISHED (GROUND FLOOR).
P9	MOUNT OVERFLOW ROOF DRAIN DOWNSPOUT NOZZLE 6" HIGHER THAN PRIMARY ROOFDRAIN DOWNSPOUT NOZZEL AT 18" AFG.

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98 WEST MAIN ST.
HYRUM, UTAH

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CHK'D BY:	SN

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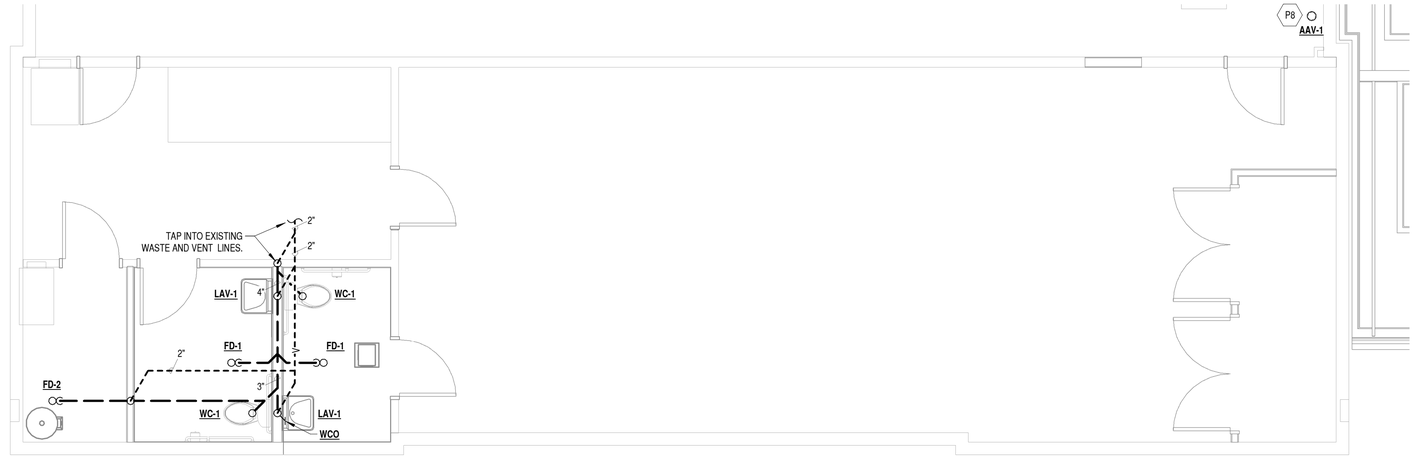
JULY 08, 2025

SHEET TITLE

PLUMBING PLANS

SHEET NO:

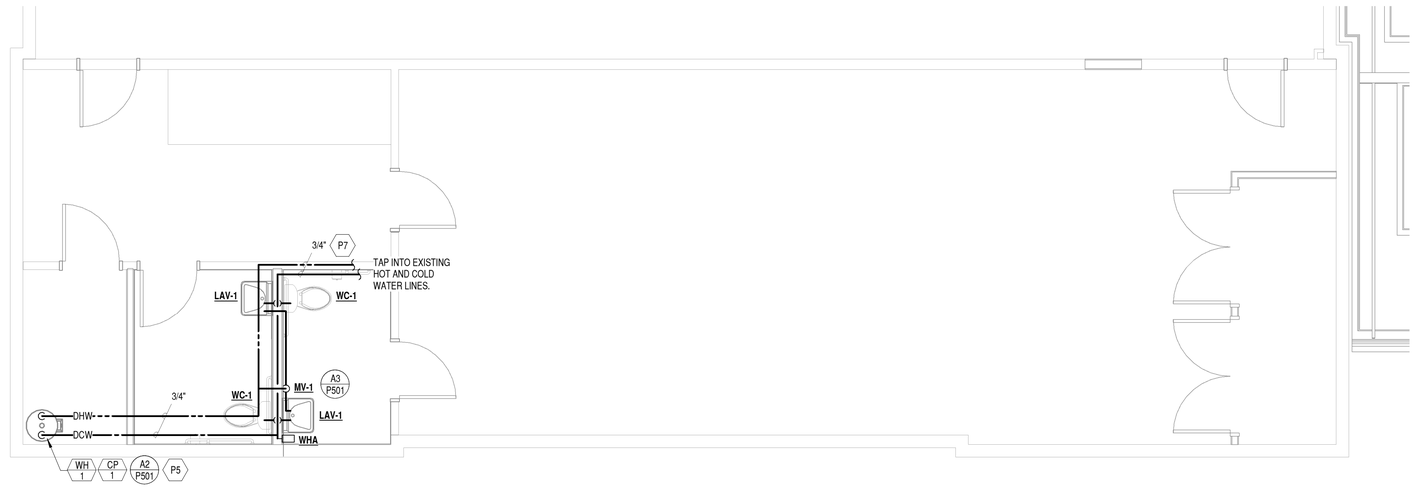
P-401



C2 ENLARGED EXISTING SECOND FLOOR WASTE AND VENT PLAN

1/4" = 1'-0"

0 2' 4' 8'



A2 ENLARGED EXISTING SECOND FLOOR PLUMBING PLAN

1/4" = 1'-0"

0 2' 4' 8'

PLUMBING KEYED NOTES

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P2	CONNECT TO (E) DOMESTIC WATER IN MAIN HALL. CONTRACTOR TO FIELD LOCATE.
P3	CONNECT TO (E) SANITARY SEWER. CONTRACTOR TO FIELD LOCATE.
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HYRUM, UTAH

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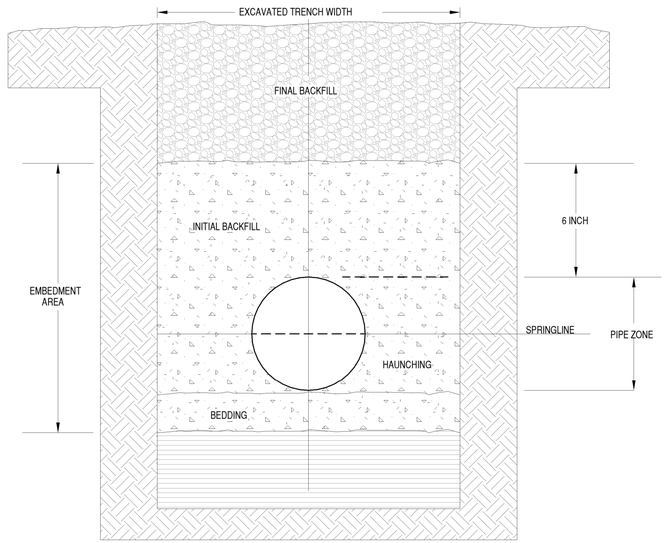
SHEET TITLE

PLUMBING PLANS

SHEET NO:

P-402



UNDERGROUND INSTALLATION OF PLASTIC PIPE

PLASTIC PIPE SHOULD ALWAYS BE BURIED IN STRICT ACCORDANCE WITH THE ASTM STANDARD RELEVANT TO THE TYPE OF PLASTIC PIPING SYSTEM BEING INSTALLED. THOSE STANDARDS ARE:

ASTM D2321 STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS.

ASTM D2774 STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PRESSURE PIPING.

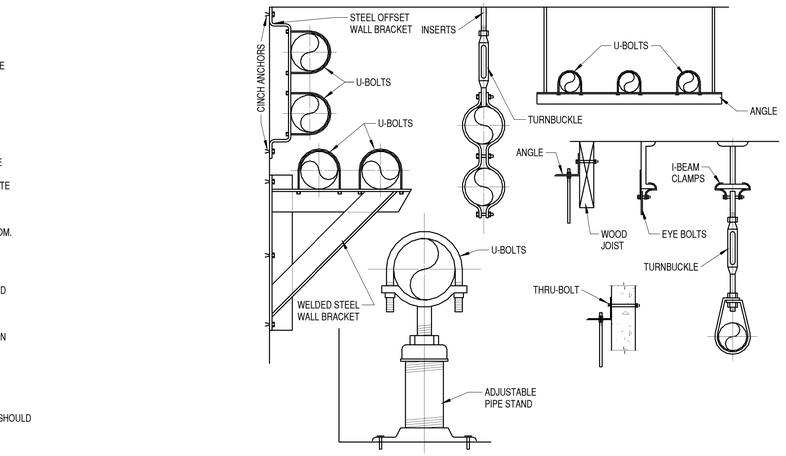
NOTE: IN ADDITION TO THESE STANDARDS, PIPE SHOULD ALWAYS BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODE REQUIREMENTS.

RECOMMENDATIONS FOR UNDERGROUND INSTALLATION OF PLASTIC DRAINAGE PIPE:

1. THE MINIMUM WIDTH OF THE TRENCH SHOULD BE THE PIPE OD (OUTSIDE DIAMETER) PLUS 16 INCHES OR THE PIPE OUTSIDE DIAMETER TIMES 1.25 PLUS 12 INCHES. THIS WILL ALLOW ADEQUATE ROOM FOR JOINING THE PIPE, SNAKING THE PIPE IN THE TRENCH TO ALLOW FOR EXPANSION AND CONTRACTION WHERE APPROPRIATE AND SPACE FOR BACKFILLING AND COMPACTION OF BACKFILL. THE SPACE BETWEEN THE PIPE AND TRENCH WALL MUST BE WIDER THAN THE COMPACTION EQUIPMENT USED TO COMPACT THE BACKFILL.
2. PROVIDE A MINIMUM OF 4 INCHES OF FIRM, STABLE AND UNIFORM BEDDING MATERIAL IN THE TRENCH BOTTOM. IF ROCK OR UNYIELDING MATERIAL IS ENCOUNTERED, A MINIMUM OF 6 INCHES OF BEDDING SHALL BE USED. BLOCKING SHOULD NOT BE USED TO CHANGE PIPE GRADE OR TO INTERMITTENTLY SUPPORT PIPE OVER LOW SECTIONS IN THE TRENCH.
3. THE PIPE SHOULD BE SURROUNDED WITH AN AGGREGATE MATERIAL WHICH CAN BE EASILY WORKED AROUND THE SIDES OF THE PIPE. BACKFILLING SHOULD BE PERFORMED IN LAYERS OF 6 INCHES WITH EACH LAYER BEING SUFFICIENTLY COMPACTED TO 85% TO 95% COMPACTION.
4. A MECHANICAL TAMPER IS RECOMMENDED FOR COMPACTING SAND AND GRAVEL. THESE MATERIALS CONTAIN FINE-GRAINS, SUCH AS SILT AND CLAY. IF A TAMPER IS NOT AVAILABLE, COMPACTING SHOULD BE DONE BY HAND.
5. THE TRENCH SHOULD BE COMPLETELY FILLED. THE BACKFILL SHOULD BE PLACED AND SPREAD IN UNIFORM LAYERS TO PREVENT ANY UNFILLED SPACES OR VOIDS. LARGE ROCKS, STONES, FROZEN CLODS, OR OTHER LARGE DEBRIS SHOULD BE REMOVED. STONE BACKFILL SHALL PASS THROUGH AN 1-1/2" SIEVE. ROCK SIZE SHOULD BE ABOUT ONE-TENTH OF THE PIPE OUTSIDE DIAMETER. HEAVY TAMPERS OR ROLLING EQUIPMENT SHOULD ONLY BE USED TO CONSOLIDATE THE FINAL BACKFILL.
6. TO PREVENT DAMAGE TO THE PIPE AND DISTURBANCE TO PIPE EMBEDMENT, A MINIMUM DEPTH OF BACKFILL ABOVE THE PIPE SHOULD BE MAINTAINED. PIPE SHOULD ALWAYS BE INSTALLED BELOW THE FROST LEVEL. TYPICALLY, IT IS NOT ADVISABLE TO ALLOW VEHICULAR TRAFFIC OR HEAVY CONSTRUCTION EQUIPMENT TO TRAVERSE THE PIPE TRENCH

C1 PLASTIC PIPING UNDERGROUND INSTALLATION DETAIL

NOT TO SCALE



C4 TYPICAL PIPE SUPPORT DETAIL

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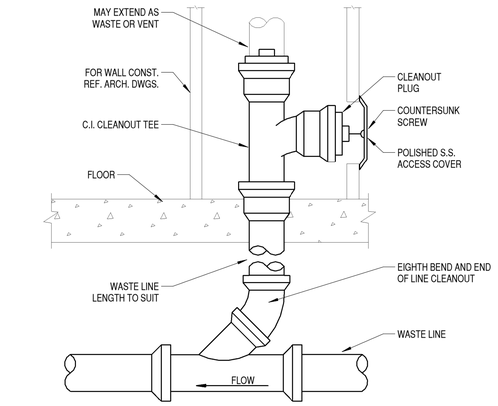
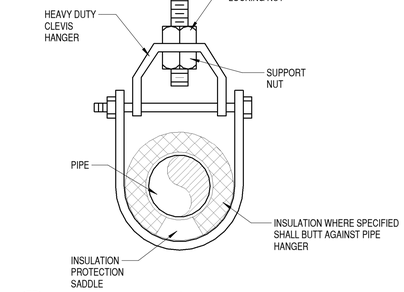


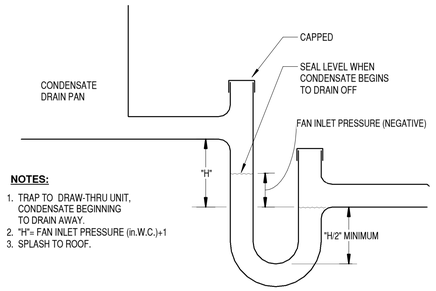
B1 TYPICAL WALL CLEANOUT

NO SCALE



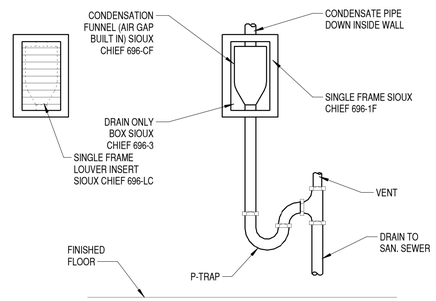
B2 PIPE HANGER DETAIL

NO SCALE



B3 TYPICAL ROOFTOP CONDENSATE TRAP DETAIL

NO SCALE



B4 CONDENSATE WALL BOX DETAIL

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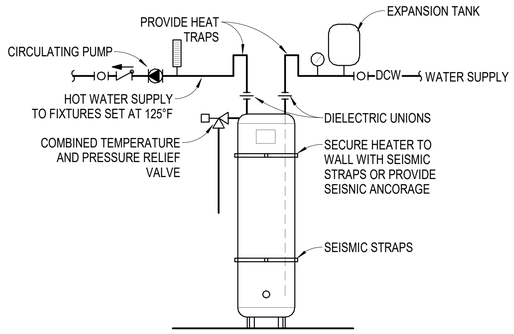

A2 ELECTRIC WATER HEATER DETAIL

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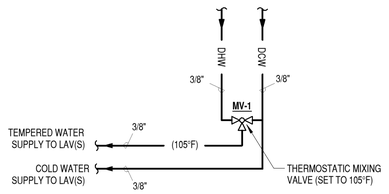
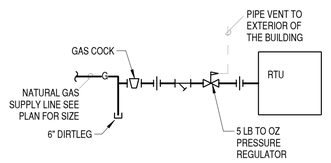


A3 TYPICAL ASSE 1070 MIXING VALVE PIPING SCHEMATIC

NO SCALE



A4 TYPICAL NATURAL GAS CONNECTION DETAIL

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HYRUM CITY

ELITE HALL ADDITION

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HYRUM, UTAH

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CHK'D BY:	SN

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JULY 08, 2025

SHEET TITLE

PLUMBING DETAILS

SHEET NO:

P-501

PACKAGE HVAC UNIT SCHEDULE

MARK	MANUFACTURER & MODEL	AREA SERVED	REFRIG	ACFM	ESP (IN)	HEATING					COOLING					UNIT ELECTRICAL			SOUND POWER (dBA)	DIMENSIONS L x W x H (IN)	WEIGHT (LBS)	REMARKS
						TYPE	INLET PRESSURE (" WC)	INPUT MBH	OUTPUT MBH	THERMAL EFFICIENCY	SEER	EDB / EWB	LDB / LWB	SENSIBLE MBH	TOTAL MBH	MCA	MOCP	VOLTS / PHASE				
RTU-1	CARRIER 48KCDA06	ADDITION	R-454B	2100	0.75	NG	4-13	72	58.8	0.8	14.1	76.5/ 60.1	52.0/ 50.2	46.8	53.3	38	50	230V/1	77	75x47x34	900	THRU THE BASE CONNECTIONS, LOW LEAK ECONOMIZER WITH FDD, FLUE DISCHARGE DEFLECTOR, POWERED EXHAUST, 14" MINIMUM HEIGHT SEISMIC CURB, HIGH ALTITUDE GAS CONVERSION KIT, HINGED ACCESS DOORS, CONDENSATE OVERFLOW SWITCH.

NOTE:
ALL PERFORMANCE BASED ON SITE ELEVATION OF 4700 FT ABOVE SEA LEVEL.

ACOUSTIC SILENCER SCHEDULE

MARK	MANUFACTURER & MODEL	SYSTEM SERVED	TYPE	AIRFLOW	PRESSURE DROP ("WC)	INSERTION LOSS								INLET LEG LENGTH (IN)	OUTLET LEG LENGTH (IN)	WEIGHT (LB)	NOTES
						63	125	250	500	1000	2000	4000	8000				
AS-1	PRICE ERM36/UB	RTU-1 SUPPLY	ELBOW DISSAPATIVE	2100	0.08	8	11	13	17	19	18	16	15	28	24	38	GALVANIZED CONSTRUCTION, 22GA PERFORATED LINER, FIBERGLASS MEDIA. CONTRACTOR TO SPECIFY CONNECTION TYPE BASED ON INSTALLATION PREFERENCES
AS-2	PRICE ERM36/1D	RTU-1 RETURN	ELBOW DISSAPATIVE	2100	0.05	7	11	19	23	29	27	23	21	28	22	55	GALVANIZED CONSTRUCTION, 22GA PERFORATED LINER, FIBERGLASS MEDIA. CONTRACTOR TO SPECIFY CONNECTION TYPE BASED ON INSTALLATION PREFERENCES

GRILLE, REGISTER & DIFFUSER SCHEDULE

MARK	MANUFACTURER & MODEL	DESCRIPTION	MATERIAL	FINISH	FRAME	DAMPER	MAX NC	MAX CFM	MAX APD (" WC)	SLOT SIZE	# OF SLOTS	NECK SIZE	MODULE SIZE	REMARKS
S-1	TITUS ML-40	LINEAR SLOT DIFFUSER	ALUMINUM	WHITE	SURFACE MOUNT	-	15	600	0.07	3/4"	4	12" OVAL	72"	PROVIDE (3) 24" PATTERN CONTROLLERS, MP-40 PLENUM
S-2	TITUS ML-38	LINEAR SLOT DIFFUSER	ALUMINUM	WHITE	SURFAC MOUNT	-	28	175	0.09	1 1/2"	1	8" OVAL	72"	PROVIDE (3) 24" PATTERN CONTROLLERS, MP-38 PLENUM
S-3	TITUS TMS-AA	3 CONE DIFFUSER	ALUMINUM	WHITE	SURFACE MOUNT	-	23	750	0.05	-	-	14"	24"x24"	
R-1	TITUS 45F	SIGHTPROOF EGGCRATE GRILLE	ALUMINUM	WHITE	LAY-IN	-	28	1200	0.05	-	-	22"x22"	24"x24"	PROVIDE PLASTER FRAME WHEN INSTALLED IN GYP CEILING.
R-2	TITUS 45F	SIGHTPROOF EGGCRATE GRILLE	ALUMINUM	WHITE	LAY-IN	-	15	150	0.02	-	-	10"x10"	24"x24"	

GRAVITY VENT SCHEDULE

MARK	MANUFACTURER & MODEL	AREA SERVED	AIRFLOW DIRECTION	CFM	THROAT ("W x "L)	STATIC PRESSURE (" WC)	MATERIAL	FINISH	DIMENSIONS WxLxH (IN)	WEIGHT (LB)	REMARKS
GV-1	GREENHECK GRSR-8	BREAK ROOM	EXHAUST	125	8"	0.02	ALUMINUM	MILL FINISH	21x21x8	7	PROVIDE MINIMUM 24" TALL ROOF CURB
GV-2	GREENHECK GRSR-8	RESTROOMS	EXHAUST	160	8"	0.02	ALUMINUM	MILL FINISH	21x21x8	7	PROVIDE MINIMUM 24" TALL ROOF CURB

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER & MODEL	DESCRIPTION	AREA SERVED	CFM	STATIC PRESS. (IN WC)	RPM	SOUND RATING (SONES)	ELECTRICAL		WEIGHT (LBS)	REMARKS
								WATTS	VOLTS/ PHASE		
EF-1	GREENHECK SP-A90-130-VG	CEILING EXHAUST	SERVING AREA 102	125	0.4	1041	1.4	12	120V/1	17	
EF-2	GREENHECK SP-A50-90-VG	CEILING EXHAUST	UNISEX TLT 201	80	0.4	887	<0.3	12	120V/1	12	
EF-3	GREENHECK SP-A50-90-VG	CEILING EXHAUST	UNISEX TLT 202	80	0.4	887	<0.3	12	120V/1	12	

DUCT SEALING & INSULATION R-VALUE SCHEDULE

DUCT TYPE	DUCT LOCATION			SMACNA SEAL CLASS
	EXTERIOR	UNCONDITIONED SPACE	CONDITIONED SPACE	
SUPPLY	R-12	R-6	NONE	B
RETURN	R-12	R-6	NONE	B
EXHAUST	NONE	NONE	NONE	B

NOTES:
1) NOMINAL R-VALUES ARE FOR THE INSULATION AS INSTALLED AND DO NOT INCLUDE AIR FILM RESISTANCE.
2) PRESSURE SENSITIVE TAPE SHALL NOT BE USED AS THE PRIMARY SEALANT, UNLESS IT HAS BEEN CERTIFIED TO COMPLY W/ UL181AB BY AN INDEPENDENT TESTING LAB AND THE TAPE IS USED IN ACCORDANCE WITH THAT CERTIFICATION.
3) SMACNA SEAL CLASS B: SEAL TRANSVERSE JOINTS AND LONGITUDINAL SEAMS.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
OR	MANUAL VOLUME CONTROL DAMPER
OR	EXHAUST AIR DUCT - UP / DOWN
OR	RETURN/OUTSIDE AIR DUCT - UP / DOWN
OR	SUPPLY AIR DUCT - UP / DOWN
	MITERED ELBOW W/ TURNING VANES
OR	FLEX DUCT (MAX. LENGTH 4 FT.)
T	THERMOSTAT
	EQUIPMENT SYMBOL
DET# SHT#	DETAIL SYMBOL
M1	SHEET KEYNOTE
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	AIRFLOW DIRECTION
AFF	ABOVE FINISH FLOOR
(E)	EXISTING
N.I.C.	NOT IN CONTRACT
TYP	TYPICAL

MECHANICAL GENERAL NOTES:

1. ALL EQUIPMENT MANUFACTURES SHOWN AS A BASIS OF DESIGN. NOT INTENDED TO SOLE SOURCE EQUIPMENT MANUFACTURER.
2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST STATE ADOPTED EDITION OF THE INTERNATIONAL MECHANICAL CODE AND SMACNA.
3. MECHANICAL PLANS ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER TRADES, AND ACTUAL JOB SITE CONDITIONS. CONTRACTOR TOFIELD VERIFY QUANTITIES AND DIMENSIONS.
4. CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS, DUCTWORK, HANGERS,FITTINGS, OFFSETS, INSULATION AND ACCESSORIES LOGICALLY REQUIRED FOR A COMPLETE FUNCTIONAL AIR DELIVERY SYSTEM.
5. DUCT DIMENSIONS ON DRAWINGS ARE INSIDE DIMENSIONS. MINIMUM DUCTWORK GAUGE TO BE 26 GAUGE.
6. CONTRACTOR SHALL COORDINATE ALL SUPPLY DIFFUSER PLACEMENTS.
7. INSULATED FLEXIBLE DUCT NOT TO EXCEED 4 FEET IN LENGTH.
8. CONNECTIONS TO SUPPLY DIFFUSERS TO BE MADE WITH A RIDGED CONNECTION SO THAT CLEAR AND UNOBSTRUCTED AIRFLOW IS ACHIEVED.
9. MOUNT BOTTOM OF THERMOSTAT 48 INCHES ABOVE FINISHED FLOOR. RUN WIRING FROM THERMOSTAT LOCATION TO AIR HANDLER AND TERMINATE TO PROVIDE FOR A FULLY FUNCTIONAL SYSTEM. REFER TO THE CONTROL DRAWINGS FOR SPECIFICS.
10. CONTRACTOR TO FURNISH FILTERS.
11. CONTRACTOR TO FURNISH AND INSTALL CONDENSATE P-TRAP ON ALL NEW AIR HANDLERS PER DETAILS SHOWN ON DRAWING.
12. ALL PIPING THAT COMES IN CONTACT WITH A DISSIMILAR METAL TO BE PROTECTED AGAINST GALVANIC CORROSION.
13. AFTER AIR AND HYDRONIC SYSTEM BALANCING HAS BEEN COMPLETED, MARK ALL BALANCING DAMPER AND BALANCING VALVES TO PERMANENTLY INDICATE FINAL POSITION; IE AN ARROW OR DRAWING AN OUTLINE OF BALANCING HANDLE POSITION.
14. EXISTING FURNACE AND DUCTWORK DIMENSIONS ARE ESTIMATED. CONTRACTOR TO FIELD VERIFY.

COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code:	2021 IECC
Project Title:	Elite Hall Addition
Location:	Hyrum, Utah
Climate Zone:	5b
Project Type:	New Construction
Construction Site:	Owner/Agent: Designer/Contractor:

Efficiency Packages

Description	Credit
Reduced lighting power	36.0
Enhanced digital lighting controls	2.0
Credits: 10.0 Required 38.0 Proposed	

Mechanical Systems List

Quantity System Type & Description

1 Rooftop Unit (Single Zone w/ PerfmeterSystem):
Heating: 1 each - Central Furnace (Rooftop Unit), Gas, Capacity = 72 kBtu/h
Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE
Cooling: 1 each - Single Package DX Unit (Rooftop Unit), Capacity = 48000 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 13.00 EER, Required Efficiency = 9.50 EER
Proposed Part Load Efficiency = 12.30 IEER, Required Part Load Efficiency = 12.30 IEER
Fan System: Unspecified

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2021 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the inspection Checklist.

Brian Grisenti - PE — Name - Title
Signature
7/10/2025 — Date

Project Title: Elite Hall Addition
Data filename:
Report date: 07/10/25
Page 1 of 10

SEQUENCE OF OPERATIONS:

GENERAL (ALL VALUES ARE ADJUSTABLE)
SPACE OCCUPIED COOLING TEMP SETPOINT: 75°F
SPACE OCCUPIED HEATING TEMP SETPOINT: 70°F
SPACE UNOCCUPIED COOLING TEMP SETPOINT: 85°F
SPACE UNOCCUPIED HEATING TEMP SETPOINT: 55°F

ROOFTOP UNIT (RTU-1)

CONTROLS
ROOFTOP UNIT SHALL BE PROVIDED WITH ELECTRO-MECHANICAL CONTROLLER FROM MANUAFACTURER. THE ROOFTOP CONTROLLER SHALL INTERFACE WITH A THERMOSTAT (VENSTAR T4900 OR EQUAL).

OCCUPANCY
THE THERMOSTAT WILL DETERMINE THE OCCUPANCY BASED ON A SCHEDULE. THE THERMOSTAT SHALL ADJUST THE DAILY START TIME OF THE UNIT TO BRING EACH SPACE TO DESIRED OCUPIED TEMPERATURE IMMEDIATELY PRIOR TO SCHEDULED OCCUUPANCY (ENABLE VENMAR COMFORT RECOVERY). WHEN OCCUPIED, **OUTSIDE AIR DAMPER TO OPEN (150 CFM)** AND SUPPLY FAN TO RUN CONTINUOUSLY. COOLING OR HEATING SHALL BE ENABLED TO MAINTAIN OCCUPIED TEMPERATURE SETPOINT. WHEN UNOCCUPIED, OUTSIDE AIR DAMPER TO CLOSE. SUPPLY FAN SHALL RUN INTERMITTENTLY AND COOLING OR HEATING ENABLED TO MAINTAIN UNOCCUPIED TEMPERATURE SETPOINT (ENABLE VENSTAR SMART FAN).

ECONOMIZER
ECONOMIZING MODE SHALL BE ENABLED WHEN OUTSIDE AIR TEMPERATURE IS BELOW SETPOINT. OUTSIDE AIR DAMPER SHALL MODULATE TO MAINTAIN DESIRED DISCHARGE AIR TEMPERATURE. ECONOMIZER CONTROL SHALL HAVE FAULT DETECTION AND DIAGNOSTICS. IF COOLING IS NEEDED IN ECONOMIZING MODE, DX SHALL BE STAGED TO MAINTAIN OCCUPIED COOLING TEMPERATURE SETPOINT. PRESSURE SHALL BE RELIEVED BY POWERED EXHAUST FAN WHEN OUTSIDE AIR DAMPERS OPEN PAST SETPOINT.

EXHAUST FAN (EF-1)
FAN OPERATION SHALL BE ENABLED DURING OCCUPIED HOURS AND INTERLOCKED TO THE OPERATION OF THE ROOFTOP (RTU-1) SUPPLY FAN.

EXHAUST FAN (EF-2,3)
FANS SHALL BE INTERLOCKED TO THE LIGHTS IN RESTROOM.

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801-399-5821 www.clhae.com

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STAMP

PROFESSIONAL ENGINEER No.12292400-2202 BRIAN JAY GRISENTI STATE OF UTAH
7/8/2025

HYRUM CITY

ELITE HALL ADDITION
98 WEST MAIN ST.
HYRUM, UTAH

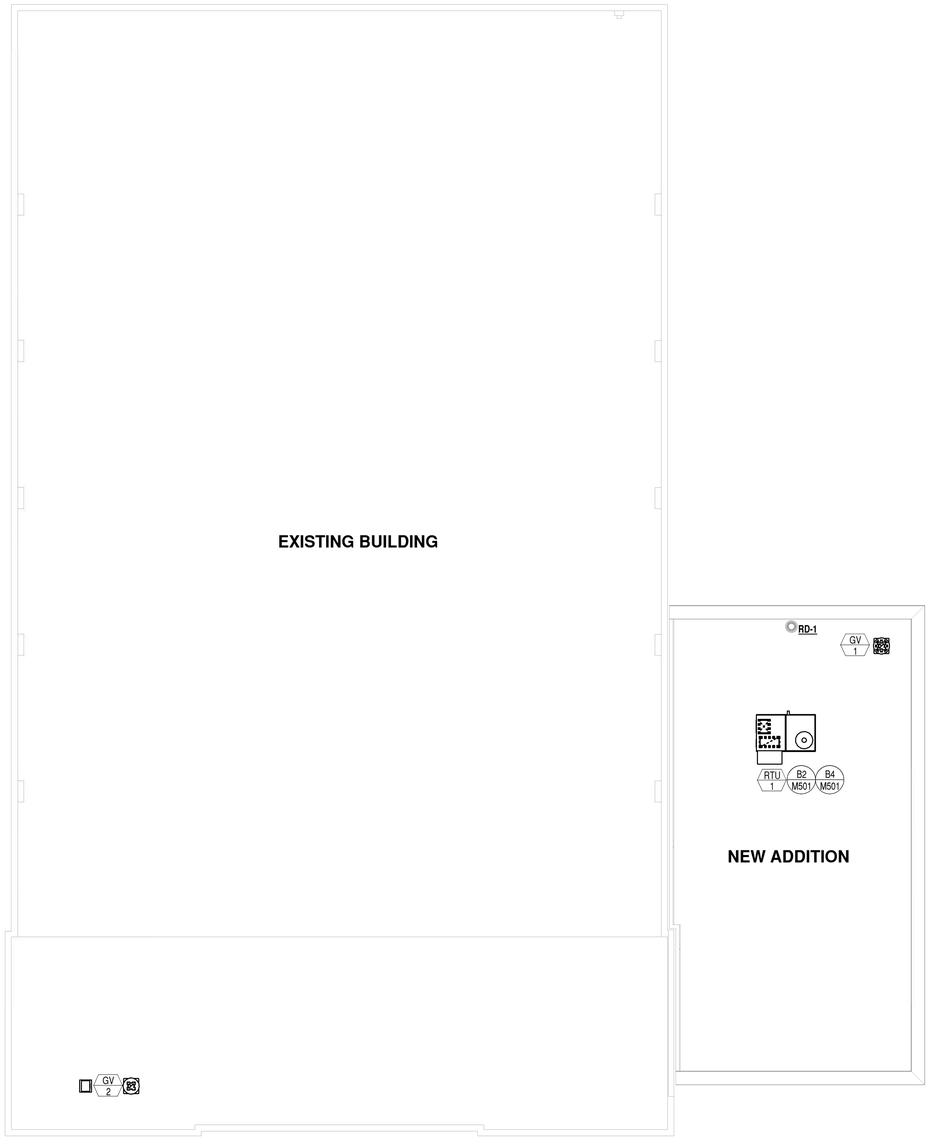
MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	SN

BID/PERMIT SET
JULY 08, 2025

SHEET TITLE
MECHANICAL SCHEDULES

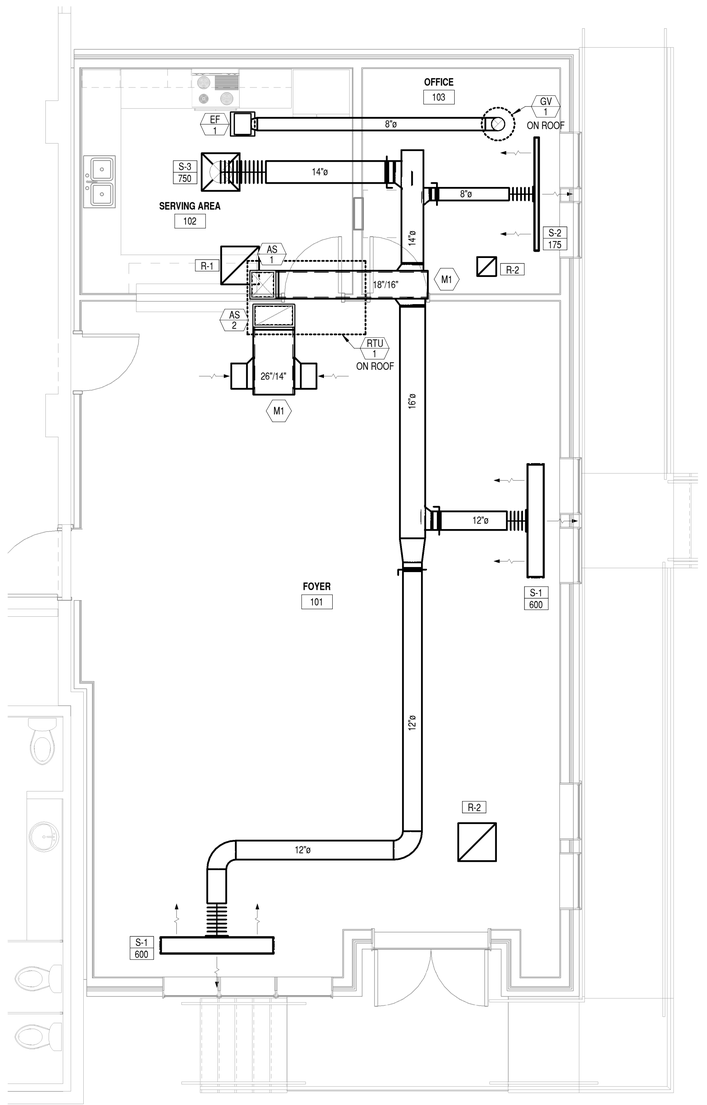
SHEET NO:
M-001



A1 NEW ADDITION AND EXISTING ROOFTOP MECHANICAL PLAN

1/8" = 1'-0"

0 4' 8' 16'



A4 NEW ADDITION MECHANICAL PLAN

1/4" = 1'-0"

0 2' 4' 8'

MECHANICAL KEYED NOTES

MARK	NOTE (ALL NOTES MAY NOT BE ON THIS SHEET)
M1	PROVIDE 1" INTERIOR DUCT LINER ON MAIN SUPPLY AND RETURN TRUNKS.
M2	RELOCATE EXISTING FURNACE ABOVE CEILING. RECONNECT ALL UTILTIES.

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No.12292400-2202
BRIAN JAY GRIESMER
STATE OF UTAH
7/8/2025

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	SN

BID/PERMIT SET

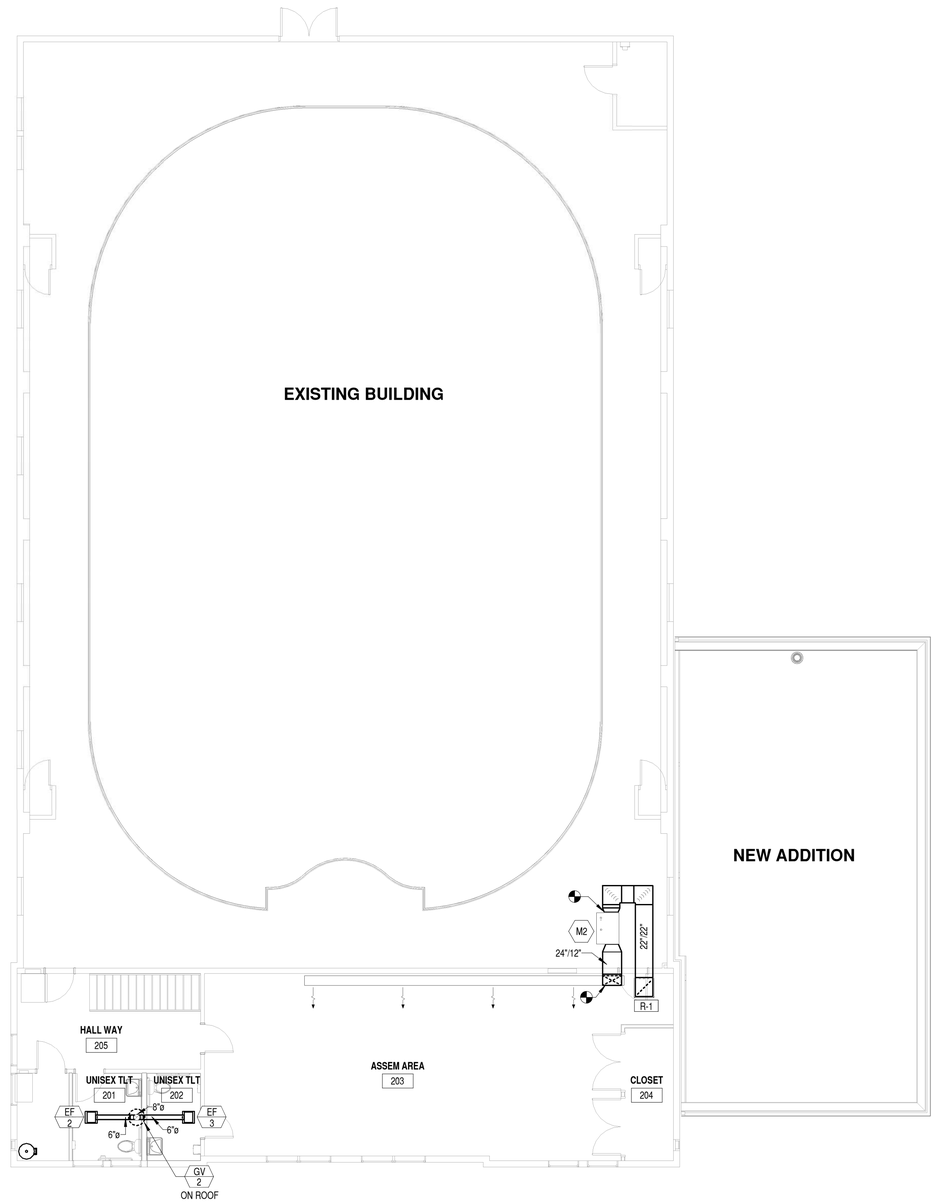
JULY 08, 2025

SHEET TITLE

NEW ADDITION MECHANICAL PLANS

SHEET NO:

M-101



A3 EXISTING SECOND FLOOR MECHANICAL PLAN

1/8" = 1'-0"

0 4" 8" 16"

MECHANICAL KEYED NOTES

MARK	NOTE (ALL NOTES MAY NOT BE ON THIS SHEET)
M1	PROVIDE 1" INTERIOR DUCT LINER ON MAIN SUPPLY AND RETURN TRUNKS.
M2	RELOCATE EXISTING FURNACE ABOVE CEILING. RECONNECT ALL UTILTIES.

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BRIAN JAY GRIESMER
STATE OF UTAH
7/8/2025

HYRUM CITY

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

BID/PERMIT SET

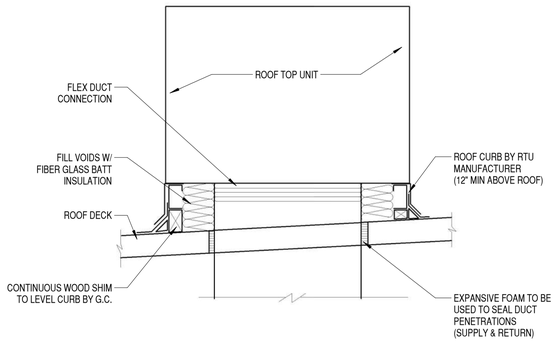
JULY 08, 2025

SHEET TITLE

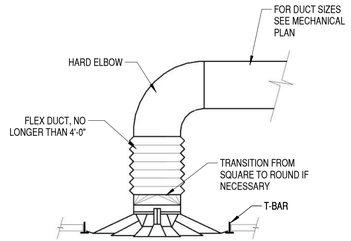
EXISTING SECOND FLOOR MECHANICAL PLAN

SHEET NO:

M-102



C1 ROOF TOP UNIT CURB DETAIL
1" = 1'-0"



C2 DIFFUSER IN LAY-IN CEILING INSTALLATION DETAIL
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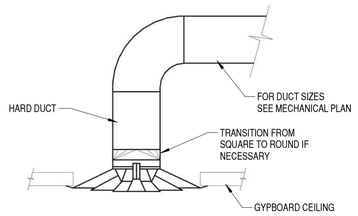
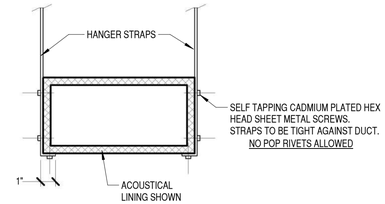


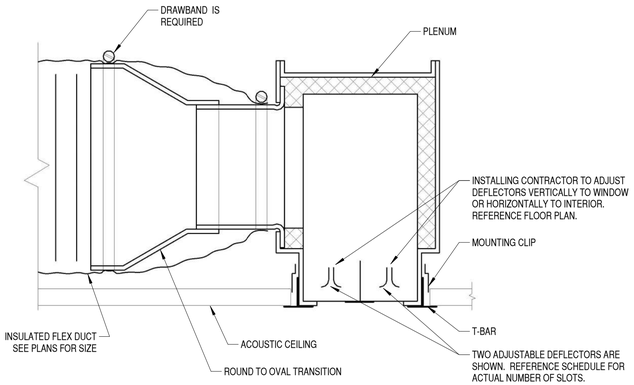
C3 DIFFUSER IN HARD CEILING INSTALLATION DETAIL
NO SCALE

HANGER SIZES FOR RECTANGULAR DUCT

MAX SIZE	VERTICAL SUPPORT	HORIZONTAL SUPPORT ANGLE	MAX SPACING
30"	1" WIDE 18 GA. STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1 1/2" x 1 1/2" x 1/8"	8'-0"
48"	1/4" ROUND ROD	2" x 2" x 1/8"	8'-0"
60"	5/16" ROUND ROD	2" x 2" x 1/8"	8'-0"
84"	3/8" ROUND ROD	2" x 2" x 1/8"	8'-0"



C4 DUCT STRAP HANGER DETAIL
NO SCALE



B1 LINEAR SLOT DIFFUSER DETAIL
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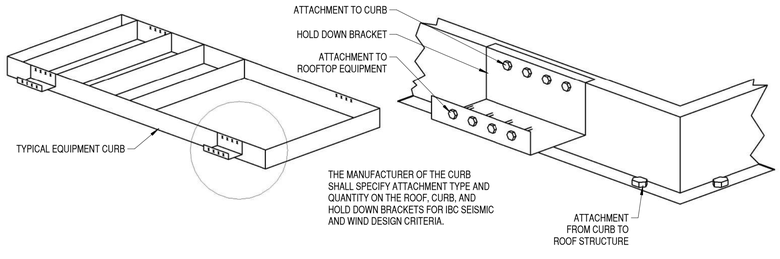

B2 MECHANICAL EQUIPMENT ROOF CURB DETAIL
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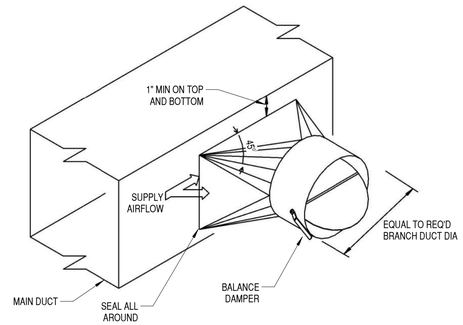

B4 ROUND BRANCH TAKE OFF FITTING DETAIL
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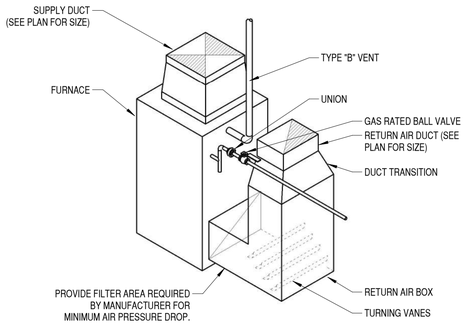

A2 FURNACE INSTALLATION DETAIL
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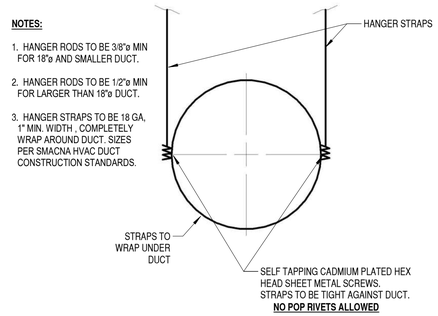

A4 ROUND DUCT HANGER STRAP DETAIL
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STATE OF UTAH
7/8/2025

ELITE HALL ADDITION
98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	SN

BID/PERMIT SET
JULY 08, 2025

SHEET TITLE
MECHANICAL DETAILS

SHEET NO:
M-501

LIGHTING

2	FIXTURE - RECESSED, SURFACE OR PENDANT MOUNT, NUMBER INDICATES FIXTURE TYPE
2	FIXTURE - RECESSED OR SURFACE MOUNT WITH EMERGENCY BATTERY PACK, NUMBER INDICATES FIXTURE TYPE
2 NL	NUMBER INDICATES FIXTURE TYPE, NL (NIGHT LIGHT) POWERED AT ALL TIMES
3	FIXTURE - CHAIN, RECESSED, SURFACE OR PENDANT HUNG NUMBER INDICATES FIXTURE TYPE
1	SMALL LIGHT FIXTURE
4	WALL MOUNTED LIGHT FIXTURE, NUMBER INDICATES TYPE OF FIXTURE
	EXIT LIGHT, TOP MOUNTED, DARKENED AREA REPRESENTS LETTERED FACE
	EXIT LIGHT, WALL MOUNTED, DARKENED AREA REPRESENTS LETTERED FACE
PC	PHOTO-CELL CONTROL
INV	EMERGENCY LIGHT INVERTER

SWITCHES (+48" UNLESS NOTED)

$	SINGLE POLE SWITCH
$M	OCCUPANCY SENSOR/DIMMING WALL SWITCH
$D	LED DIMMER / OCCUPANCY / DAYLIGHTING SWITCH
PP	LIGHTING RELAY POWER PACK
DL	DAY LIGHTING/OCCUPANCY SENSOR

CIRCUITING

	WIRING CONCEALED IN CEILING OR WALL
	WIRING CONCEALED IN FLOOR
	WIRING EXISTING
	CROSSLINES INDICATE NUMBER OF #12 CONDUCTORS. GROUND IS REPRESENTED BY CROSSLINE WITH DOT ON TOP. OTHER CONDUCTORS AND CONDUIT AS INDICATED.
A-1,3	BRANCH CIRCUIT HOMERUN TO PANELBOARD; NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATION IDENTIFIES PANEL AND CIRCUIT NUMBER(S).

PANELBOARDS AND POWER EQUIPMENT

	FLUSH MOUNTED PANELBOARD AND CABINET
	SURFACE MOUNTED PANELBOARD AND CABINET
	SAFETY DISCONNECT SWITCH - UNFUSED
F	FUSED DISCONNECT
1/2	MOTOR OUTLET, HORSEPOWER AS INDICATED
	REFERS TO MECHANICAL OR OWNERS EQUIPMENT ITEM SEE SCHEDULES

RECEPTACLES (+18" UNLESS NOTED)

	DUPLEX RECEPTACLE, NON-GROUNDING TYPE
	DUPLEX RECEPTACLE, NEMA 5-20R, GROUNDING TYPE
	QUAD RECEPTACLE (DOUBLE DUPLEX), NEMA 5-20R, GROUNDING TYPE
J	JUNCTION BOX
	GROUND ROD - 3/4" x 10'-0"
WH	HOT WATER TANK
T	THERMOSTAT

COMMUNICATIONS SYSTEMS

	TELEPHONE OUTLET w/ 3/4 " C. TO CABLE TRAY. PROVIDE 1 EA. CAT. 6, 4 PAIR CABLE ON SINGLE GANG PLATE w/MODULAR JACKS, 1-RJ45
	DATA OUTLET w/ 3/4 " C. TO CABLE TRAY. PROVIDE 2 EA. CAT. 6, 4 PAIR CABLES ON SINGLE GANG PLATE w/MODULAR JACKS, 2-RJ45
	TELEPHONE / DATA OUTLET w/ 3/4" C. TO CABLE TRAY. PROVIDE 2 EA. CAT 6 - 4 PAIR CABLE ON SINGLE GANG PLATE w/MODULAR JACKS, 2-RJ45.
	WIRELESS DATA ACCESS POINT. PROVIDE CAT. 6 CABLE TO OWNER FURNISHED DEVICE
	LOCAL AREA NETWORK
LAN	(E) TELEPHONE OR DATA FLOOR OR WALL MOUNT 19 INCH RACK, 72" TALL

ONE-LINE DIAGRAM

	TRANSFORMER
	FUSE
	MOLDED CASE CIRCUIT BREAKER
	DISCONNECT SWITCH
200 AT / 225 AF	CIRCUIT BREAKER TRIP SETTING / CIRCUIT BREAKER FRAME SIZE

ABBREVIATIONS

A	KEYED NOTE CALLOUT - NUMBER AS INDICATED
3R	NEMA 3R ENCLOSURE
12	NEMA 12 ENCLOSURE
4	NEMA 4 ENCLOSURE
4X	NEMA 4X ENCLOSURE
A	AMPERE
ACSR	ALUMINUM CONDUCTOR, STEEL REINFORCED
AFF	ABOVE FINISHED FLOOR
AIC	AMPERES INTERRUPTING CAPACITY
APPROX	APPROXIMATELY
BC	BARE COPPER
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CO	CONDUIT ONLY
CONC	CONCRETE
CU	COPPER
(E)	EXISTING
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FLR	FLOOR
FT	FEET
GFI	GROUND FAULT CIRCUIT-INTERRUPTER
GND or GRD	GROUND
IMC	INTERMEDIATE METAL CONDUIT
IN	INCHES
KVA	KILOVOLT AMPERE
KVAR	KILOVOLT CAPACITANCE
KWH	KILOWATTHOUR
LAN	LOCAL AREA NETWORK
LED	LIGHT EMITTING DIODE
MAX	MAXIMUM
MIN	MINIMUM
(N)	NEW
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURING ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT ON UNSWITCHED CIRCUIT
OFOI	OWNER FURNISHED OWNER INSTALLED
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
O.C.	ON CENTER
O.H.	OVERHEAD
PA	PUBLIC ADDRESS
PT	POTENTIAL TRANSFORMER
RM	ROOM
RGC	RIGID GALVANIZED CONDUIT
TC	TERMINAL CABINET
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLT
W	WATT
w/	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER
+12"	MOUNTING HEIGHT ABOVE FINISHED FLOOR OR GRADE

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35668
MARC L. GOULD
07/08/2025
STATE OF UTAH

HYRUM CITY

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	JAC
CHK'D BY:	MLG

BID/PERMIT SET

JULY 08, 2025

SHEET TITLE

ELECTRICAL LEGEND

SHEET NO:

E001

COMcheck Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: Elite Hall Addition
Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:

Efficiency Packages

Description	Credit
Reduced lighting power	36.0
Enhanced digital lighting controls	2.0

Credits: 10.0 Required 38.0 Proposed

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Space (Common Space Types:Office - Open Plan)	1310	0.61	799
		Total Allowed Watts =	843

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Space (Common Space Types:Office - Open Plan)				
T-1: T-1: LED:	0	16	20	320
T-3: T-3: LED:	0	3	40	120
T-2 1: T-2 1: LED:	0	1	27	27
			Total Proposed Watts =	467

Proposed Interior Lighting Controls

Fixture	Lighting Control
1-Space (Common Space Types:Office - Open Plan)	
T-1: T-1: LED:	Occupancy Sensor
T-3: T-3: LED:	Interior Timeswitch
T-2 1: T-2 1: LED:	Occupancy Sensor

Interior Lighting PASSES: Design 45% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COMcheck Software Version COMcheckWeb

Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: Elite Hall Addition
Project Type: New Construction
Exterior Lighting Zone 4 (High activity metropolitan commercial district (LZ4))

Construction Site: Owner/Agent: Designer/Contractor:

Efficiency Packages

Description	Credit
Reduced lighting power	36.0
Enhanced digital lighting controls	2.0

Credits: 10.0 Required 38.0 Proposed

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
MAIN DOOR (Pedestrian and vehicular entrances and exits)	1 ft of door	21	Yes	21
Ext Area (Walkway < 10 feet wide)	71 ft of	0.7	Yes	50
			Total Tradable Watts (a) =	71
			Base Site Allowance (b) =	900
			Total Allowed Watts =	71

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A base site allowance equal to 900 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
MAIN DOOR (Pedestrian and vehicular entrances and exits, 1 ft of door width): Tradable Wattage				
T-4: T-4: LED:	0	2	20	40
Ext Area (Walkway < 10 feet wide, 71 ft of walkway length): Tradable Wattage				
T-5: T-5: LED:	0	3	24	72
			Total Tradable Proposed Watts =	112

Proposed Exterior Lighting Controls

Fixture	Lighting Control
MAIN DOOR (Pedestrian and vehicular entrances and exits, 1 ft of door width): Tradable Wattage	
T-4: T-4: LED:	Daylight Shutoff, Facade or Landscape
Ext Area (Walkway < 10 feet wide, 71 ft of walkway length): Tradable Wattage	
T-5: T-5: LED:	Daylight Shutoff, Facade or Landscape

Exterior Lighting PASSES: Design 88% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2021 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

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HYRUM CITY

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	JAC
CHK'D BY:	MLG

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JULY 08, 2025

SHEET TITLE

ELECTRICAL COMCHECK

SHEET NO:

E002

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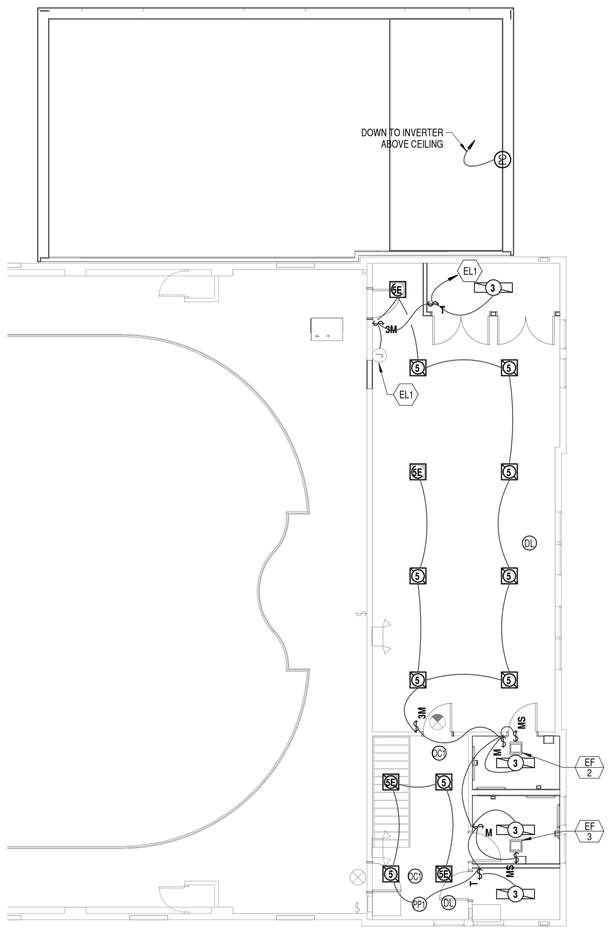
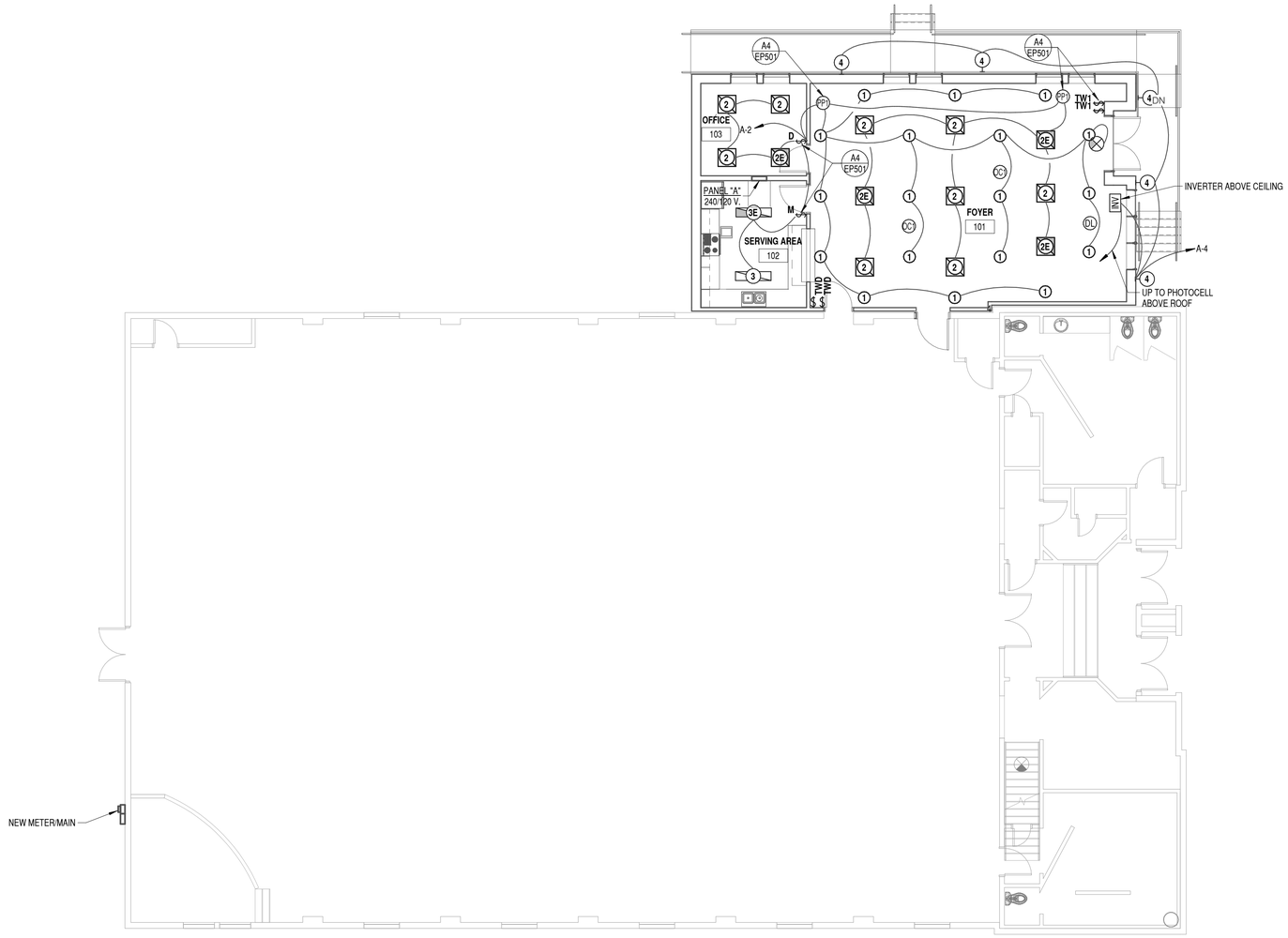
ELECTRICAL LIGHTING KEYED NOTES

MARK	NOTE
EL1	CONNECT TO EXISTING LIGHTING CIRCUIT.



A1 ELECTRICAL LIGHTING PLAN - 2nd FLOOR
1/8" = 1'-0"
0 4' 8' 16'



A3 ELECTRICAL LIGHTING PLAN - 1st FLOOR
1/8" = 1'-0"
0 4' 8' 16'

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ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION
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BID/PERMIT SET

JULY 08, 2025

SHEET TITLE

ELECTRICAL LIGHTING PLANS

SHEET NO:

EL101

LIGHTING FIXTURE SCHEDULE

NOTE: ALL INTERIOR & EXTERIOR LIGHTING CONTROLS TO BE COMMISSIONED

NO.	DESCRIPTION	VOLTS	MTG.	LENS	FINISH	LAMPS					BALLASTS				MAXIMUM INPUT WATTS	MANUFACTURER & CATALOG NUMBER (NO SUBSTITUTIONS WITHOUT PRIOR APPROVAL)	DETAILS
						TYPE			NO. OF LAMPS	WATTS/LAMP TYPE		TYPE		NO. PER LUMINAIRE			
						LED	F	H			S	E	O				
1	LED DOWNLIGHT	120	CEILING RECESSED	NONE	MATTE DIFFUSE	*			1	LED 3500K		*		1	20	LITHONIA LDN6-35/20-LO6WR-LD-120-GZ10	
2	LED RECESSED TROFFER	120	CEILING RECESSED	ACRYLIC	WHITE	*			1	LED 3500K		*		1	26.7	LITHONIA 2BLT2-33L-ADP-120-EX1-LP835	C4 EP501
2E	LED RECESSED TROFFER	120	CEILING RECESSED	ACRYLIC	WHITE	*			1	LED 3500K		*		1	26.7	LITHONIA 2BLT2-33L-ADP-120-EX1-LP835-EL7L	C4 EP501
3	LED WRAPAROUND	120	CEILING SURFACE	ACRYLIC	WHITE	*			1	LED 3500K		*		1	40.5	LITHONIA LBL4-4800LM-80CRI-35K-MIN10-GZT-120	
3E	LED WRAPAROUND	120	CEILING SURFACE	ACRYLIC	WHITE	*			1	LED 3500K		*		1	40.5	LITHONIA LBL4-4800LM-80CRI-35K-MIN10-GZT-120-EL7L	
4	LED WALL LIGHT	120	WALL + 8 FT.	ACRYLIC	WHITE	*			1	LED 3500K		*		1	20	SHAPER 673-25-WP-L3/835-UNV-BM-2HTB	
INV	EMERGENCY INVERTER	120/277	ABOVE CEILING	NONE	WHITE				-	-				-	-	SURE-LITES INV125SI	
5	LED SURFACE LIGHT	120/277	CEILING SURFACE	ACRYLIC	SATIN BLACK	*			1	LED 3500K		*		1	24	STUDIO ONE RAVENNA LC103-SBL-L24-35K	
5E	LED SURFACE LIGHT	120/277	CEILING SURFACE	ACRYLIC	SATIN BLACK	*			1	LED 3500K		*		1	24	STUDIO ONE RAVENNA LC103-SBL-L24-35K-EML	
⊗	EXIT LIGHT	120/277	WALL OR CEILING SURFACE	NONE	WHITE		*		1	LED RED		*		1	0.71	LITHONIA LQM-S-W-3-R-120/277-ELN	

LIGHTING CONTROLS SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	MOUNTING	MOUNTING HEIGHT	COMMENTS
OC1	OCCUPANCY SENSOR - DUAL TECHNOLOGY COVERAGE (UP TO) : 24 FEET DIAMETER	N/A	CEILING SURFACE	N/A	OFF/ON 50%, LIGHTING
PP1	POWER / RELAY PACK DIMMING CONTROL: 0-10 VDC	120/277	ABOVE ACCESSIBLE CEILING	N/A	AUTO ON TO 50%, DIMMING 50% - 100%
TW1	ON / OFF WHITE	N/A	WALL	+48	OFF / ON
TWD	ON / OFF / DIM CONTROLS WHITE	N/A	WALL	+48	50% OFF / ON, DIMMING LIGHTING 10% - 100%
PROVIDE A COMPLETE LIGHTING CONTROL SYSTEM WITH ALL NECESSARY COMPONENTS, PROGRAMMING, AND COMMISSIONING. OCCUPANCY SENSORS TO TURN LIGHTS ON TO 50%, SWITHCES TO CHANGE LIGHTING FROM 50% TO 100%.					

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07/08/2025
STATE OF UTAH

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	JAC
CHK'D BY:	MLG

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JULY 08, 2025

SHEET TITLE

ELECTRICAL LIGHTING SCHEDULES & DETAILS

SHEET NO:

EL501

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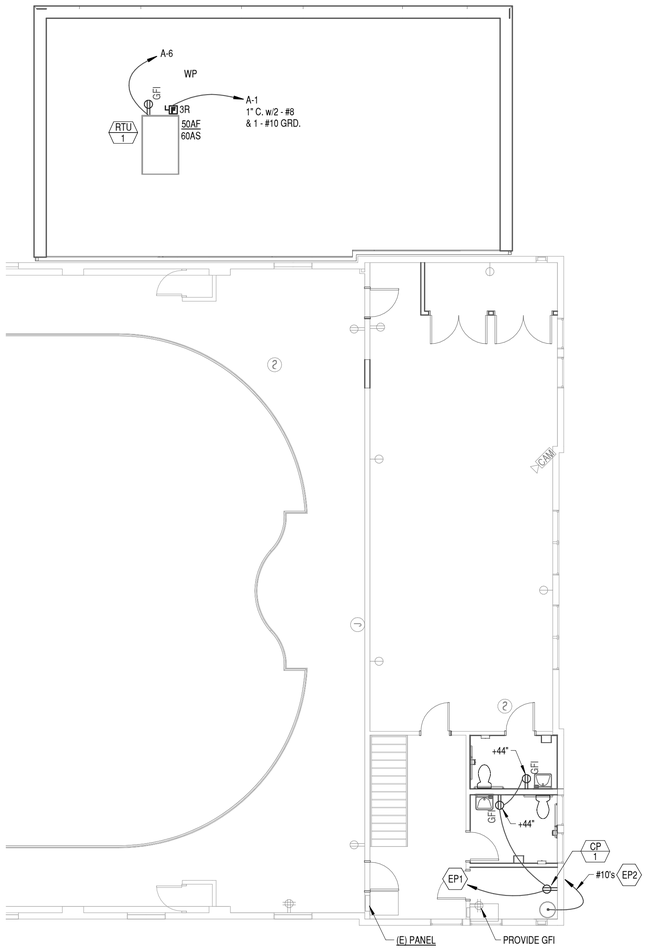
ELECTRICAL POWER KEYED NOTES

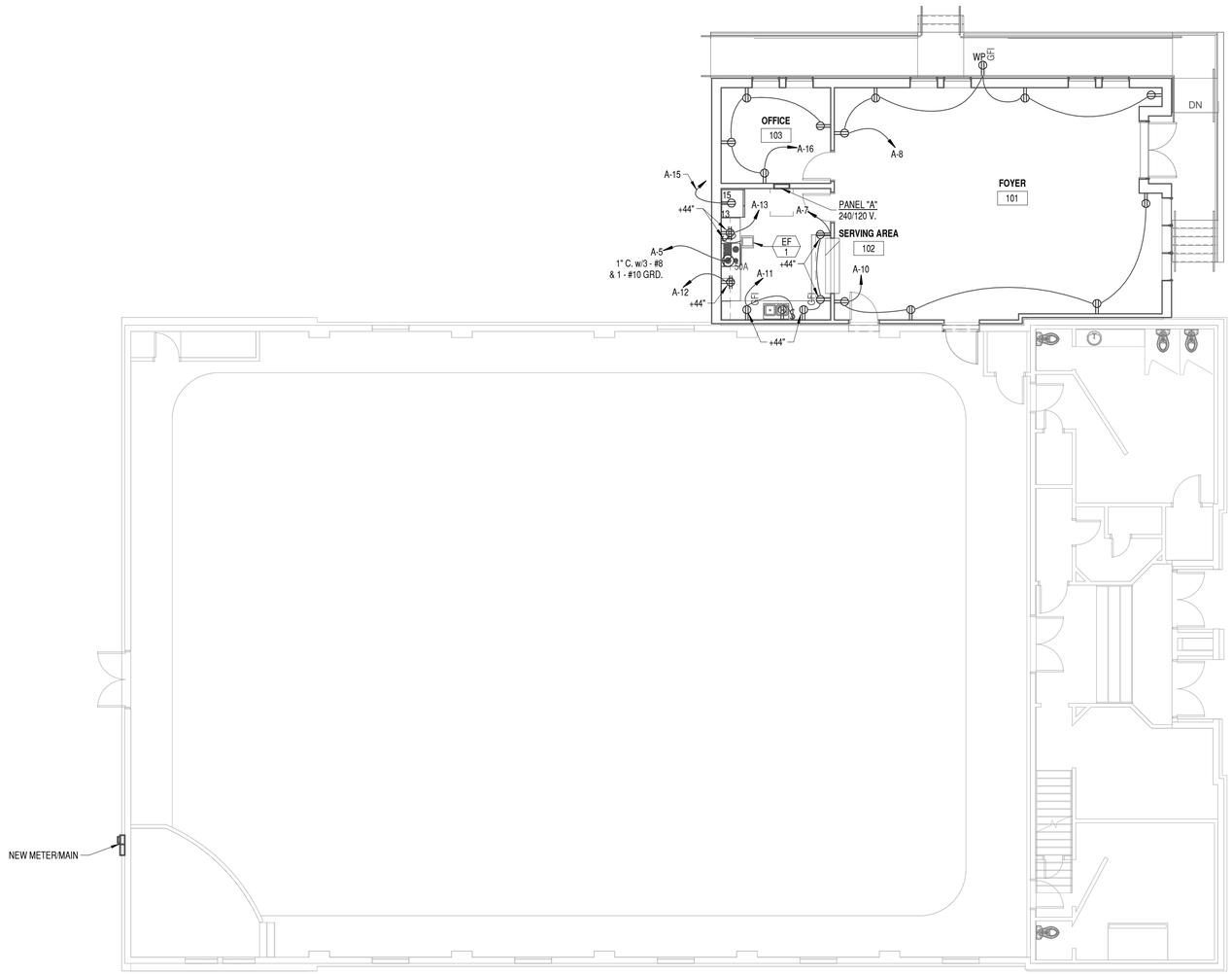
MARK	NOTE
EP1	CONNECT TO NEAREST EXISTING CIRCUIT.
EP2	PROVIDE NEW CIRCUIT TO EXISTING BREAKER.



ELECTRICAL POWER PLAN - 2nd FLOOR / ADDITION ROOF

C1 — 1/8" = 1'-0"

0 4' 8' 16'



ELECTRICAL POWER PLAN - 1st FLOOR

A1 — 1/8" = 1'-0"

0 4' 8' 16'

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HYRUM, UTAH

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1		

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SHEET TITLE

ELECTRICAL POWER PLANS

SHEET NO:

EP101

ELECTRICAL RISER KEYED NOTES

MARK	NOTE
ER1	COORDINATE WITH POWER COMPANY TO PROVIDE ADDITIONAL ANCHOR FOR TRIPLEX SERVICE DROP.
ER2	REMOVE CONDUIT, L.B., AND WEATHERHEAD.
ER3	PROVIDE NEW 24" x 24" x 10" NEMA 3R SPLICE BOX.
ER4	NEW METER / MAIN. MAINTAIN SEPARATION FROM FROM GAS METER PER POWER COMPANY REQUIREMENTS.
ER5	NEW SERVICE CONDUIT, CONDUCTORS AND WEATHERHEAD.
ER6	NEW FEEDER TO EXISTING PANEL.
ER7	ROUTE NEW FEEDER TO PANEL "A" IN CRAWL SPACE.

A1 REAR ELEVATION
NONE

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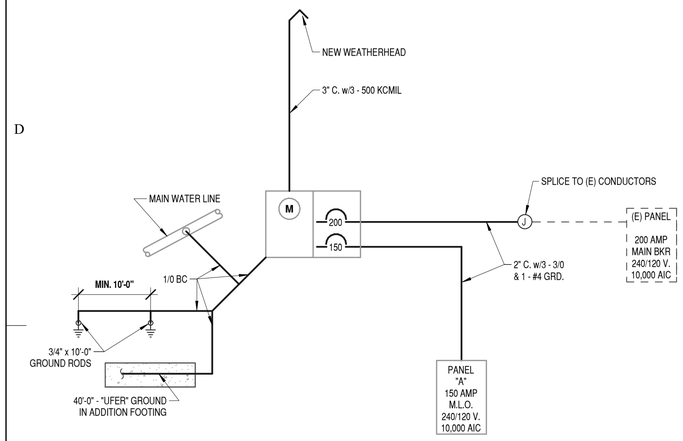
SHEET TITLE

ELECTRICAL ELEVATION

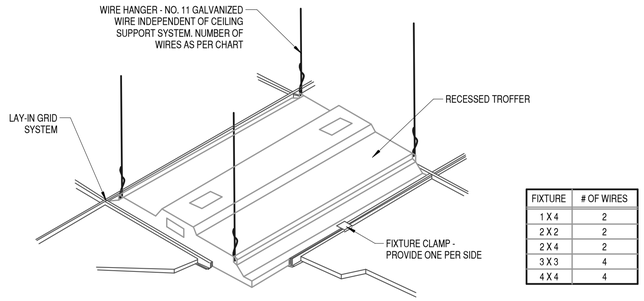
SHEET NO:

EP401



C1 ELECTRICAL POWER RISER DIAGRAM

NONE



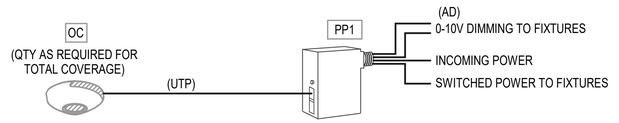
FIXTURE	# OF WIRES
1 X 4	2
2 X 2	2
2 X 4	2
3 X 3	4
4 X 4	4

C3 TYPICAL RECESSED FIXTURE DETAIL

NONE

NOTES:

ALL DIGITAL DEVICES SHALL INTERCONNECT & COMMUNICATE OVER CAT5 UTP



WIRE DESIGNATIONS

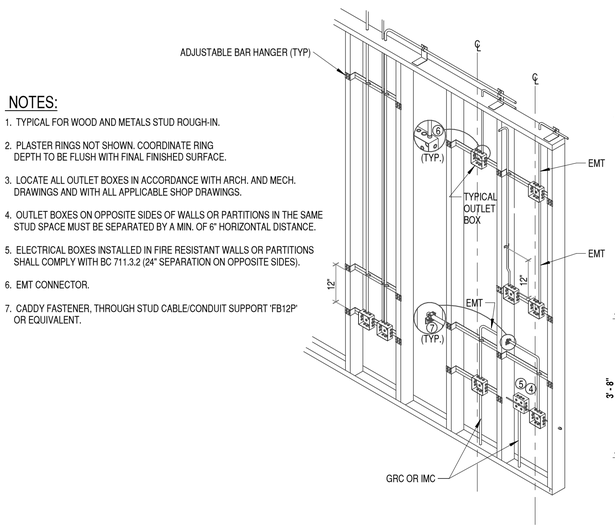
UTP	AD
UNSHIELDED TWISTED PAIR (1) Belden 1583A (CAT 5)	ANALOG 0-10v DIMMING (1) GRAY #18 AWG Stranded (1) VIOLET #18 AWG Stranded

SYMBOLS

- OC1 OCCUPANCY SENSOR
- OC2 OCCUPANCY SENSOR WITH DAYLIGHT HARVESTING
- PP1 POWER PACK
- RP1 RELAY PACK
- PL1 PLUG LOAD PACK

C4 LIGHTING CONTROL 4 - OCCUPANCY SENSOR & POWER PACK-M

NONE

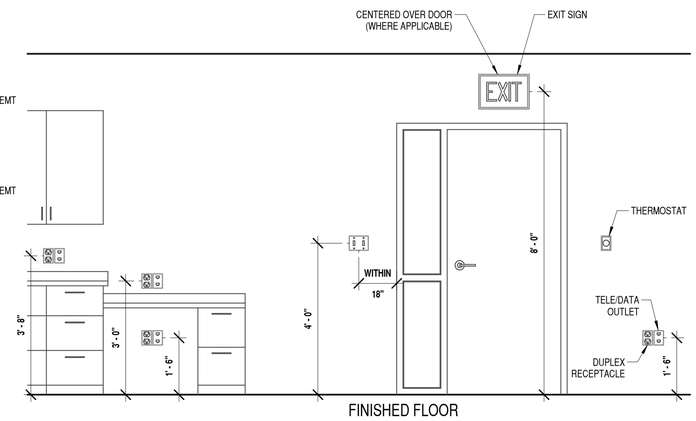


NOTES:

1. TYPICAL FOR WOOD AND METALS STUD ROUGH-IN.
2. PLASTER RINGS NOT SHOWN. COORDINATE RING DEPTH TO BE FLUSH WITH FINAL FINISHED SURFACE.
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCH. AND MECH. DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
4. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE MUST BE SEPARATED BY A MIN. OF 6" HORIZONTAL DISTANCE.
5. ELECTRICAL BOXES INSTALLED IN FIRE RESISTANT WALLS OR PARTITIONS SHALL COMPLY WITH BC 711.3.2 (24" SEPARATION ON OPPOSITE SIDES).
6. EMT CONNECTOR.
7. CADDY FASTENER, THROUGH STUD CABLE/CONDUIT SUPPORT 'FB12P' OR EQUIVALENT.

A1 TYPICAL ROUGH-IN DETAIL

NONE

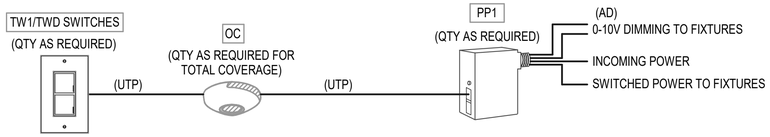


A2 MOUNTING HEIGHT DETAIL

NONE

NOTES:

ALL DIGITAL DEVICES SHALL INTERCONNECT & COMMUNICATE OVER CAT5 UTP



WIRE DESIGNATIONS

UTP	AD
UNSHIELDED TWISTED PAIR (1) Belden 1583A (CAT 5)	ANALOG 0-10v DIMMING (1) GRAY #18 AWG Stranded (1) VIOLET #18 AWG Stranded

SYMBOLS

- OC1 OCCUPANCY SENSOR
- OC2 OCCUPANCY SENSOR WITH DAYLIGHT HARVESTING
- PP1 POWER PACK
- RP1 RELAY PACK
- PL1 PLUG LOAD PACK

A4 LIGHTING CONTROL 6 - OCCUPANCY SENSOR & ON/OFF SWITCH-M

NONE

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JULY 08, 2025

SHEET TITLE

ELECTRICAL DETAILS

SHEET NO:

EP501

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PANEL:	A	MAIN BREAKER			NONE			VOLTAGE:			240 / 120			PHASE:	1	WIRE:	3	NEMA:	1
MAINS:	200 AMPS	MOUNTING:			FLUSH			LOCATION			OFFICE			REMARKS:		PROVIDE 5 SPARE 3/4" C. TO CEILING			

LOAD DESCRIPTION	WIRE	P	AMP	CKT	KVA PWR	KVA LTS	KVA C.O.	PHASE A	PHASE B		KVA C.O.	KVA LTS	KVA PWR	CKT	AMP	P	WIRE	LOAD DESCRIPTION
ROOFTOP	8	2	50	1	4.5			5.3				0.8		2	20	1	12	LTS OFFICE, SERVING
				3	4.5				4.6			0.1		4	20	1	12	LTS EXTERIOR
RANGE	8	2	50	5	2.5			2.7			0.2			6	20	1	12	ROOF OUTLET
				7	2.5				3.1		0.6			8	20	1	12	RECEPT ENTRY
RECEPT SERVING WINDOW	12	1	20	9			0.6	1.3			0.7			10	20	1	12	RECEPT ENTRY
RECEPT DISPOSAL, COUNTER	12	1	20	11	1.0		0.2		1.6		0.4			12	20	1	12	RECEPT COUNTER
RECEPT COUNTER	12	1	20	13			0.4	1.0			0.6			14	20	1	12	RECEPT COUNTER
FRIG	12	1	20	15	1.0				1.8		0.8			16	20	1	12	RECEPT OFFICE
SPARE	12	1	20	17	1.0			2.0			1.0			18	20	1	12	SPARE
SPARE	12	1	20	19	1.0				2.0		1.0			20	20	1	12	SPARE
SPARE	12	1	20	21	1.0			2.0			1.0			22	20	1	12	SPARE
SPARE	12	1	20	23	1.0				2.0		1.0			24	20	1	12	SPARE
SPARE	12	1	20	25	1.0			2.0			1.0			26	20	1	12	SPARE
SPARE	12	1	20	27	1.0				2.0		1.0			28	20	1	12	SPARE
SPARE	12	1	20	29	1.0			2.0			1.0			30	20	1	12	SPARE
SPARE	12	1	20	31	1.0				2.0		1.0			32	20	1	12	SPARE
SPACE	12	1	20	33				0.0						34	20	1	12	SPACE
SPACE	12	1	20	35					0.0					36	20	1	12	SPACE
SPACE	12	1	20	37				0.0						38	20	1	12	SPACE
SPACE	12	1	20	39					0.0					40	20	1	12	SPACE
SUB-TOTAL (KVA)					24.0	0.0	1.2	18.2	19.1		11.3	0.9	0.0					

			TYPE OF LOAD	CONNECTED	DIVERSITY	DEMAND
*PROVIDE GFCI BREAKER			LIGHTING	0.9	100%	0.9
			POWER	24.0	70%	16.8
			C.O.	12.5	NEC 220.44	11.3
PANEL LOADING	61%		TOTAL	37.3	KVA	29.0
8/19/2019 16:03			TOTAL	156	AMPS	121

EQUIPMENT SCHEDULE

CRKT.	EQUIP. NO.	DESCRIPTION	VOLTS	PHASE	WATTS H.P.	BRK	STARTERS SIZE	CONTROL H.O.A.	CONTROL P.B.	PILOT GRN	PILOT RED	CONTACTS N.O.	CONTACTS N.C.	CONTROL TRANS.	REMARKS
A-1	RTU 1	ROOFTOP UNIT	240	1	9 KW	50	F								FUSE PER MANUFACTURER NEMA 3R
A-13	EF 1	EXHAUST FAN	120	1	12 WATTS	20	$								MOTOR RATED SWITCH
EXIST. CIRC.	EF 2	EXHAUST FAN	120	1	12 WATTS	20	$								MOTOR RATED SWITCH
EXIST. CIRC.	EF 3	EXHAUST FAN	120	1	12 WATTS	20	$								MOTOR RATED SWITCH
EXIST. CIRC.	CP 1	CIRC. PUMP	120	1	3/4 HP	20									-

IF SHEET IS LESS THAN 22"x 34"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

7/7/2025 11:01:12 AM

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CONSULTANTS

STAMP

LICENSED PROFESSIONAL ENGINEER
35668
MARC L.
GOULD
07/08/2025
STATE OF UTAH

ELITE HALL ADDITION

98 WEST MAIN ST.
HYRUM, UTAH

MARK	DATE	DESCRIPTION

ISSUE DATE:	July 08, 2025
PROJECT NO:	25390
CAD DWG FILE:	
DRAWN BY:	JAC
CHK'D BY:	MLG

BID/PERMIT SET

JULY 08, 2025

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NO:

EP701