

1

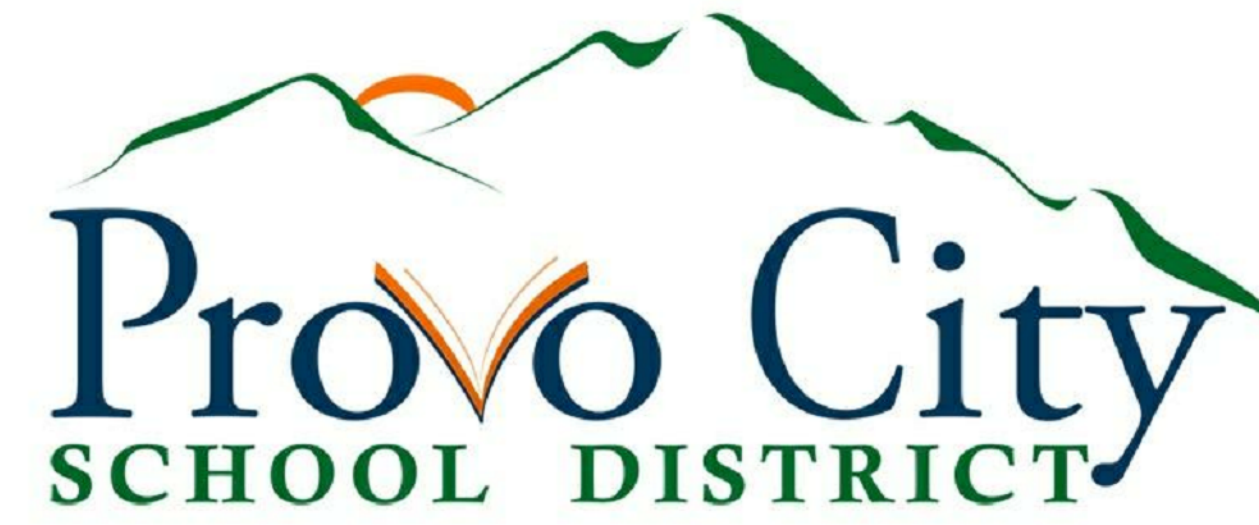
2

3

4

5

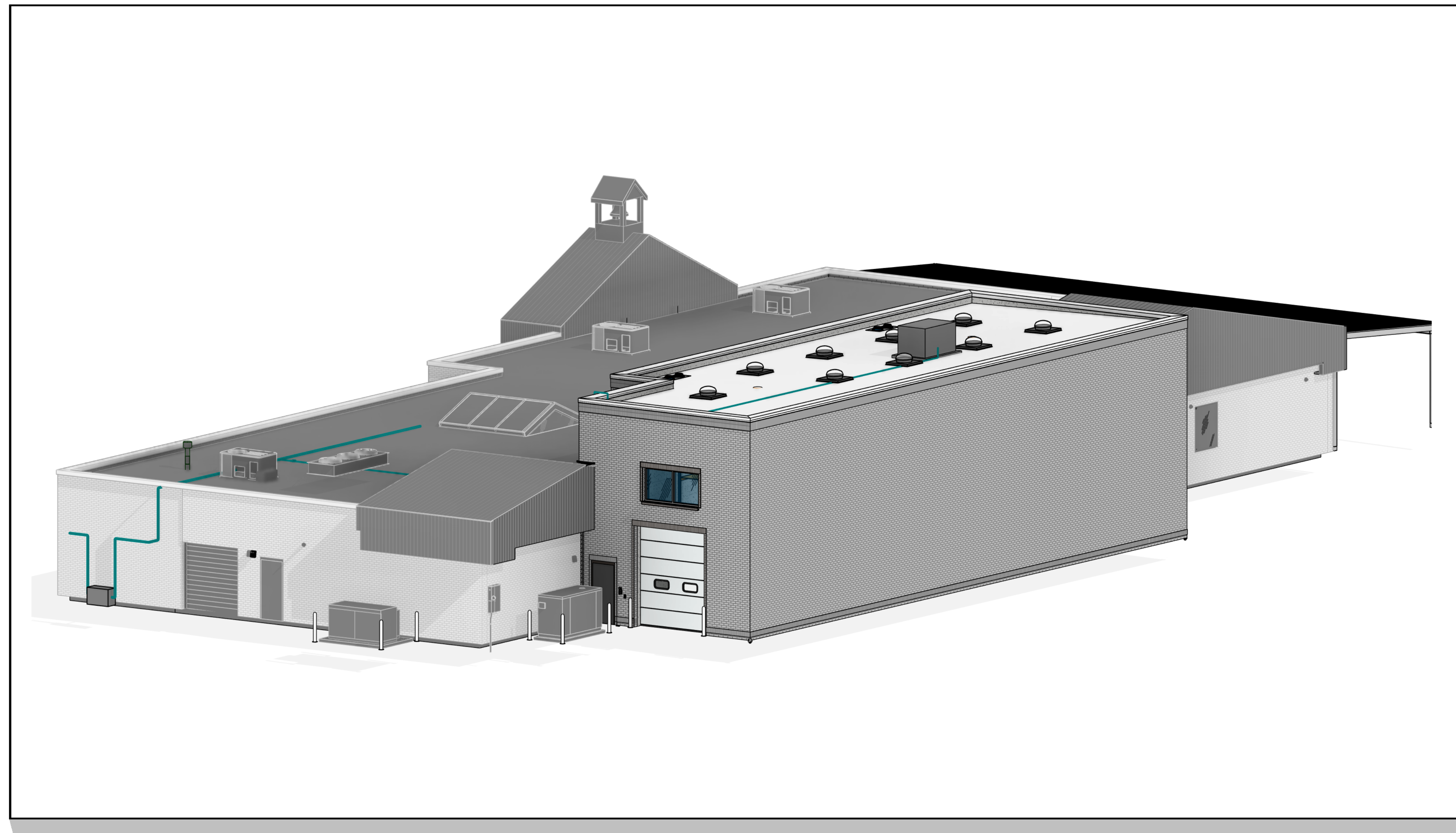
6



PCSD TECHNOLOGY ADDITION & REMODEL

527 S 1600 W ST
PROVO, UTAH 84601

DECEMBER 23, 2021



MARK	REVISION	DATE

INDEX OF DRAWINGS

CIVIL

C100 GENERAL NOTES AND DETAILS
C200 EXISTING SURVEY AND TOPOGRAPHY
CS210 SITE AND UTILITY DEMOLITION PLAN
CS230 SITE LAYOUT PLAN
CG400 GRADING PLAN

ARCHITECTURAL

A010 CODE COMPLIANCE PLAN
A050 DEMOLITION PLANS
A051 DEMOLITION ROOF PLAN
A052 DEMOLITION EXTERIOR ELEVATIONS
A101 FLOOR PLAN
A121 REFLECTED CEILING PLAN
A131 ROOF PLAN
A200 EXTERIOR ELEVATIONS
A250 3D PERSPECTIVES
A300 BUILDING SECTIONS
A350 WALL SECTIONS
A351 WALL SECTIONS
A520 CEILING DETAILS
A530 ROOF DETAILS
A542 SECTION DETAILS
A600 DOOR SCHEDULE & DOOR TYPES
A701 MISCELLANEOUS DETAILS
A801 FURNISHINGS PLAN
A850 INTERIOR ELEVATIONS
A851 INTERIOR ELEVATIONS

STRUCTURAL

S001 GENERAL NOTE SHEET
S002 SPECIAL INSPECTION SHEET
S101 FOUNDATION PLAN
S102 CONSTRUCTION DETAILS
S201 ROOF FRAMING PLAN
S301 SHEAR WALL PLAN
S302 CONSTRUCTION DETAILS
S401 CONSTRUCTION DETAILS
S402 CONSTRUCTION DETAILS

MECHANICAL

MD101 MECHANICAL DEMOLITION FLOOR PLAN
M101 MECHANICAL FLOOR PLAN
M501 MECHANICAL DETAILS

PLUMBING


P101 PLUMBING FLOOR PLAN
P501 PLUMBING DETAILS
PF01 FIRE PROTECTION FLOOR PLAN
PF501 FIRE PROTECTION DETAILS

ELECTRICAL


E001 SYMBOLS, SCHEDULES, AND NOTES
E002 FIXTURE & EQUIPMENT SCHEDULE
E110 OVERALL DEMOLITION FLOOR PLAN
E201 OVERALL LIGHTING FLOOR PLAN
E301 OVERALL POWER FLOOR PLAN
E401 OVERALL SYSTEMS FLOOR PLAN
E601 PANELBOARD SCHEDULES
E701 ELECTRICAL DIAGRAMS
E702 ELECTRICAL DIAGRAMS

ENGINEERING CONSULTANTS


CIVIL

MERIDIAN ENGINEERING

1628 WEST 11010 SOUTH #102
SOUTH JORDAN, UTAH 84095
PHONE: 801.569.1315


STRUCTURAL

DYNAMIC STRUCTURES

1887 NORTH 1120 WEST
PROVO, UT 84604
PHONE: 801.356.1140


MECHANICAL

OLSEN & PETERSON ENG., INC.

14 EAST 2700 SOUTH
SALT LAKE CITY, UTAH 84115
PHONE: 801.486.4646

PLUMBING

OLSEN & PETERSON ENG., INC.

14 EAST 2700 SOUTH
SALT LAKE CITY, UTAH 84115
PHONE: 801.486.4646

ELECTRICAL

BNA CONSULTING

635 SOUTH STATE STREET
SALT LAKE CITY, UTAH 84111
PHONE: 801.532.2196

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

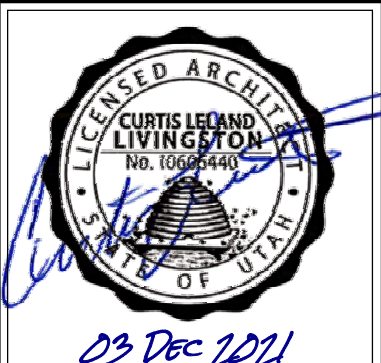
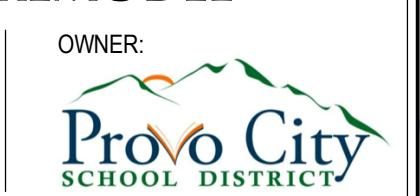


333 SOUTH PLEASANT GROVE
BLVD. SUITE #102
PLEASANT GROVE, UTAH 84062

DATE: DECEMBER 23, 2021
PROJECT #: CMA 21-070
PROJ. MAN.: KJM
CHECKED BY: CLL

THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. ©2021 CURTIS MINER ARCHITECTURE, LLC

PROJECT: **PCSD TECHNOLOGY ADDITION & REMODEL**
PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601



SHEET DESCRIPTION: **COVER SHEET**

SHEET: **CVR**

MARK	REVISION	DATE

SPECIAL PROJECT NOTE:
 * ALL CONSTRUCTION ACTIVITY WITHIN STREET ROW AND FOR SITE WATER LINES AND SEWER LINES SHALL CONFORM TO PROVO CITY STANDARD PLANS AND "APWA MANUAL OF STANDARD PLANS" (LATEST EDITION) AND THE DEVELOPMENT GUIDELINES AND SPECIFICATIONS. CONTRACTOR SHALL OBTAIN COPIES OF SAID CITY STANDARDS AND APWA STANDARDS PRIOR TO CONSTRUCTION.

GENERAL
 1. ANY MODIFICATION TO THIS CONSTRUCTION PACKAGE SHALL BE APPROVED BY THE OWNER. PRIOR TO SAID APPROVAL, ALL IMPROVEMENT DRAWINGS SHALL BE RESUBMITTED AND APPROVED BY THE CITY ENGINEER.

A
 2. THE CONTRACTOR SHALL LOCATE, RETAIN AND PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. EXISTING GAS, TELEPHONE, POWER, OR WATERLINES WHICH MUST BE RELOCATED OR LOWERED FOR NEW GRAVITY LINES WILL BE COMPLETED BY THE CONTRACTOR TO THE UTILITY COMPANY SPECIFICATIONS.

3. ALL SUITABLE EXCAVATION MATERIAL MAY BE STOCKPILED ON LANDSCAPE AREAS (NOT OVER 3'DEEP) AND GRADED TO DRAIN. EXCESS TOPSOIL SHALL BE REMOVED AND STORED AS INDICATED ON THE LANDSCAPE PLANS. SUITABLE MATERIAL IS DEFINED IN THE PROJECT GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT AS WELL AS CITY EARTHWORK SPECIFICATIONS. ALL EARTHWORK SHALL BE COMPLIANT WITH THESE DOCUMENTS. IF CITY SPECIFICATIONS AND THE GEOTECHNICAL REPORT ARE IN CONFLICT REFER TO THE CITY ENGINEER FOR DIRECTION ON WHICH REQUIREMENTS MUST BE FOLLOWED IN THE FIELD.

4. TRACER TAPE SHALL BE PLACED ABOVE ALL SEWER, PVC ROOF DRAIN LINES, WATER AND SECONDARY WATER LINES PER CITY AND DISTRICT STANDARD SPECIFICATIONS. TRACER WIRE SHALL BE INSTALLED OVER THE WATER LINES.

5. ALL EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. AS INDICATED ON THE C200 SHEET. CONTRACTOR SHALL NOTIFY BLUE STAKES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION. CONTRACTOR SHALL POLOLE AND FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL UTILITY CONFLICTS UPON DISCOVERY.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BACKFILLING, COMPACTING, AND PAVEMENT RESTORATION WERE NECESSARY TO INSTALL NEW UTILITIES OR NEW IMPROVEMENTS PER CITY STANDARDS IN EXISTING ROADWAYS.

7. CONTRACTOR SHALL PROVIDE CITY INSPECTOR WITH CONSTRUCTION SCHEDULE AFTER SAID SCHEDULE HAS BEEN APPROVED BY OWNER.

B
 8. CONTRACTOR SHALL COORDINATE CONSTRUCTION DEMOLITION AND INSTALLATION OF ELECTRICAL, AND COMMUNICATION SERVICES WITH THE UTILITY COMPANY. OWNER SHALL PAY ALL ASSOCIATED UTILITY COMPANY FEES. CONTRACTOR TO PROVIDE ELECTRICAL LINE OR COMMUNICATION TRENCHING AND BACKFILL. COORDINATE LOCATIONS WITH POWER AND COMMUNICATION COMPANY. ALL DEMOLITION OF EXISTING AND PROPOSED NEW SITE ELECTRICAL EQUIPMENT STRUCTURES AND LINES SHOWN ON CIVIL PLANS ARE SCHEMATICALLY SHOWN ONLY. AS A COORDINATION BETWEEN ELECTRICAL AND CIVIL, PLEASE REFER DIRECTLY TO ELECTRICAL PLANS FOR THE LAYOUT AND DETAILS OF ALL SITE ELECTRICAL EQUIPMENT AND LINES.

9. CONTRACTOR TO KEEP A SET OF NEAT PLANS ON WHICH ALL CHANGES HAVE BEEN CLEARLY SHOWN. THIS SET OF REDLINES SHALL BE TURNED INTO THE ARCHITECT.

10. CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY PRIOR TO ANY WORK.

11. ALL UTILITY STRUCTURES WITHIN PAVEMENT SHALL BE RAISED TO ACCURATE FINISHED GRADE WITH A CONCRETE COLLAR. SEE DETAIL ON THIS SHEET.

12. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS, BONDS, AND APPROVALS HAVE BEEN OBTAINED. ALL PERMIT AND BOND FEES ARE TO BE PAID BY THE OWNER.

13. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED, AND THOROUGHLY REVIEWED, ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.

14. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE CURRENT REQUIREMENTS AND DEVELOPMENT STANDARDS OF THE CITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND SHALL TAKE PRECEDENCE IN CASE OF CONFLICT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCY BETWEEN THE SOILS REPORT AND PLANS ETC.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST AND EROSION CONTROL, CLEANING STREET AND OTHER SWMP REGULATIONS.

16. ALL EXISTING ASPHALT TO REMAIN SHALL BE SAW CUT IN NEAT, STRAIGHT LINES BY THE CONTRACTOR PRIOR TO EXCAVATION.

C
 17. NO CHANGE IN DESIGN LOCATIONS OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE OWNER AND ENGINEER.

18. CONTRACTOR SHALL NOT ALLOW ANY GROUND WATER, SURFACE WATER, ANIMALS, OR DEBRIS TO ENTER NEW PIPING DURING CONSTRUCTION.

19. CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT ALL NEW FACILITIES DURING THE CONSTRUCTION PERIOD UNTIL THE DESIGN GRADE AND COVER HAVE BEEN REACHED AND WORK HAS BEEN ACCEPTED BY OWNER.

20. CONTRACTOR IS TO REMAIN WITHIN THE CONTRACT LIMITS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS DURING CONSTRUCTION.

21. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF, OR DAMAGE TO, EXISTING AND NEW UTILITIES AND FACILITIES INCLUDING WORK DONE WITHIN THE WARRANTY PERIOD.

22. ALL ONSITE PAVEMENT SECTIONS, GRADING, EXCAVATION, BACKFILLING, AND OTHER EARTHWORK OPERATIONS SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS PREPARED FOR THIS PROJECT. STRUCTURAL FILL, BEDDING, IMPORTED BACKFILL, GRANULAR SUBBASE, BASE COURSE AND ASPHALTIC CONCRETE MATERIALS SHALL MEET THE REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. ALL EARTHWORK AND PAVING IN CITY R.O.W. SHALL MEET CITY SPEC'S.

33. SEE SHEET C200 FOR SURVEY CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING THAT MAY BE NEEDED TO COMPLETE THE JOB.

D
 34. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS AND TRAFFIC PERMITS AND TRAFFIC CONTROL PLANS FOR ALL WORK IN CITY R.O.W. (EXISTING AND NEW ROADWAYS) PRIOR TO BEGINNING WORK.

35. CONTRACTOR SHALL COORDINATE CONSTRUCTION AND INSTALLATION OF ELECTRICAL, TELEPHONE, NATURAL GAS, AND SERVICES WITH THE UTILITY COMPANY. ASSOCIATED UTILITY COMPANY FEES WILL BE PAID AS OUTLINED IN CONTRACT GENERAL CONDITIONS. CONTRACTOR TO PROVIDE ELECTRICAL AND TELEPHONE LINE TRENCHING AND BACKFILL. COORDINATE LOCATIONS WITH ROCKY MOUNTAIN POWER AND CENTURY LINK. COORDINATE AND SCHEDULE WITH DOMINION ENERGY, CENTURY LINK, AND ROCKY MOUNTAIN POWER FOR CONNECTION OF THESE UTILITIES TO THE NEW BUILDING. GAS, TELEPHONE AND POWER ALL MUST BE EXTENDED TO THE SITE FROM THE NEW DEVELOPMENT IN THE AREA. COORDINATE WITH THESE UTILITIES FOR LOCATION OF THESE NEW EXTENSIONS.

36. THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS, FOR DUST SUPPRESSION, IS ABSOLUTELY PROHIBITED.

37. NO DRIVEWAY SHALL BE CONSTRUCTED TO CONVEY STORM RUNOFF TOWARDS ANY BUILDING.

38. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE. CONTACT THE CITY OR COUNTY SURVEYOR FOR MONUMENT LOCATIONS AND CONSTRUCTION DETAILS.

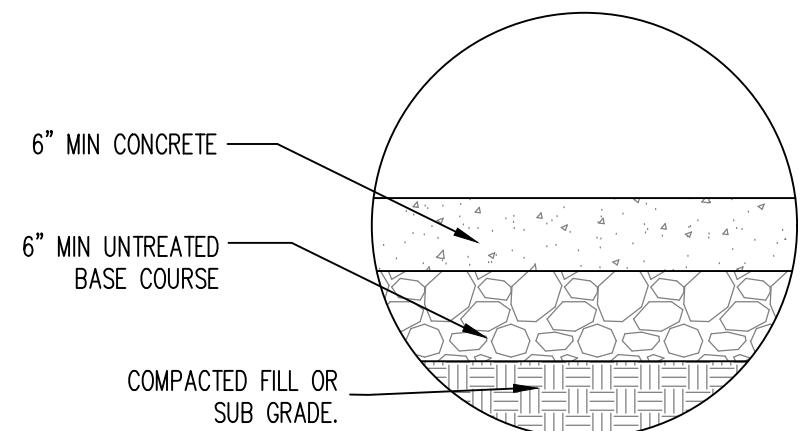
39. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES AND FOR THE PROTECTION OF WORKERS.

E
 40. CONTACT FOR UTILITY COORDINATION INCLUDE:
 SEWER- PROVO CITY PUBLIC WORKS 801-852-6000
 WATER- PROVO CITY PUBLIC WORKS 801-852-6780
 STORM- PROVO CITY PUBLIC WORKS 801-852-6700
 IRRIGATION- PROVO CITY PUBLIC WORKS 801-852-6780
 GAS- DOMINION ENERGY 800-323-5517
 POWER- PROVO POWER 801-852-6000

41. THERE IS NO LANDSCAPE DEMO PLAN OR REPAIR PLAN IN THIS PACKAGE. CONTRACTOR IS EXPECTED TO REMOVE AND REPLACE EXISTING LANDSCAPE AND SPRINKLER SYSTEM WITHIN THE PROJECT LIMIT LINE OF THE AFFECTED AREAS. COORDINATE WITH OWNER. A MINIMUM OF 4" TOPSOIL IS REQUIRED UNDER ALL NEW SOD. THE NEW SPRINKLER SYSTEM FOR THE AFFECTED AREAS TO MATCH THE EXISTING SYSTEM (SPRINKLER HEADS, VALVING, AND PIPE SIZE).

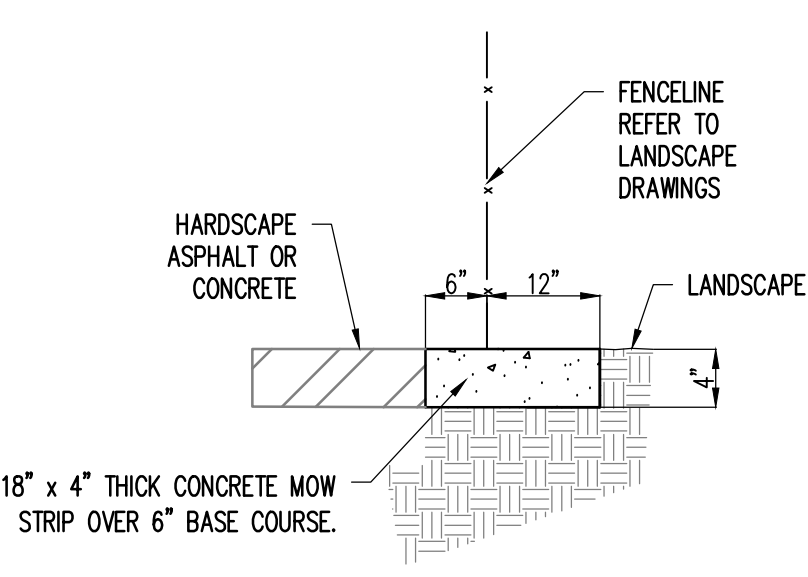
42. CONTRACTOR TO COORDINATE INSTALLATION OF ALL LANDSCAPE SLEEVES PRIOR TO FORMING CONCRETE SIDEWALKS, RETAINING WALLS, SEAT WALLS OR STAIR WALLS. SEE LANDSCAPE PLANS.

GENERAL NOTES

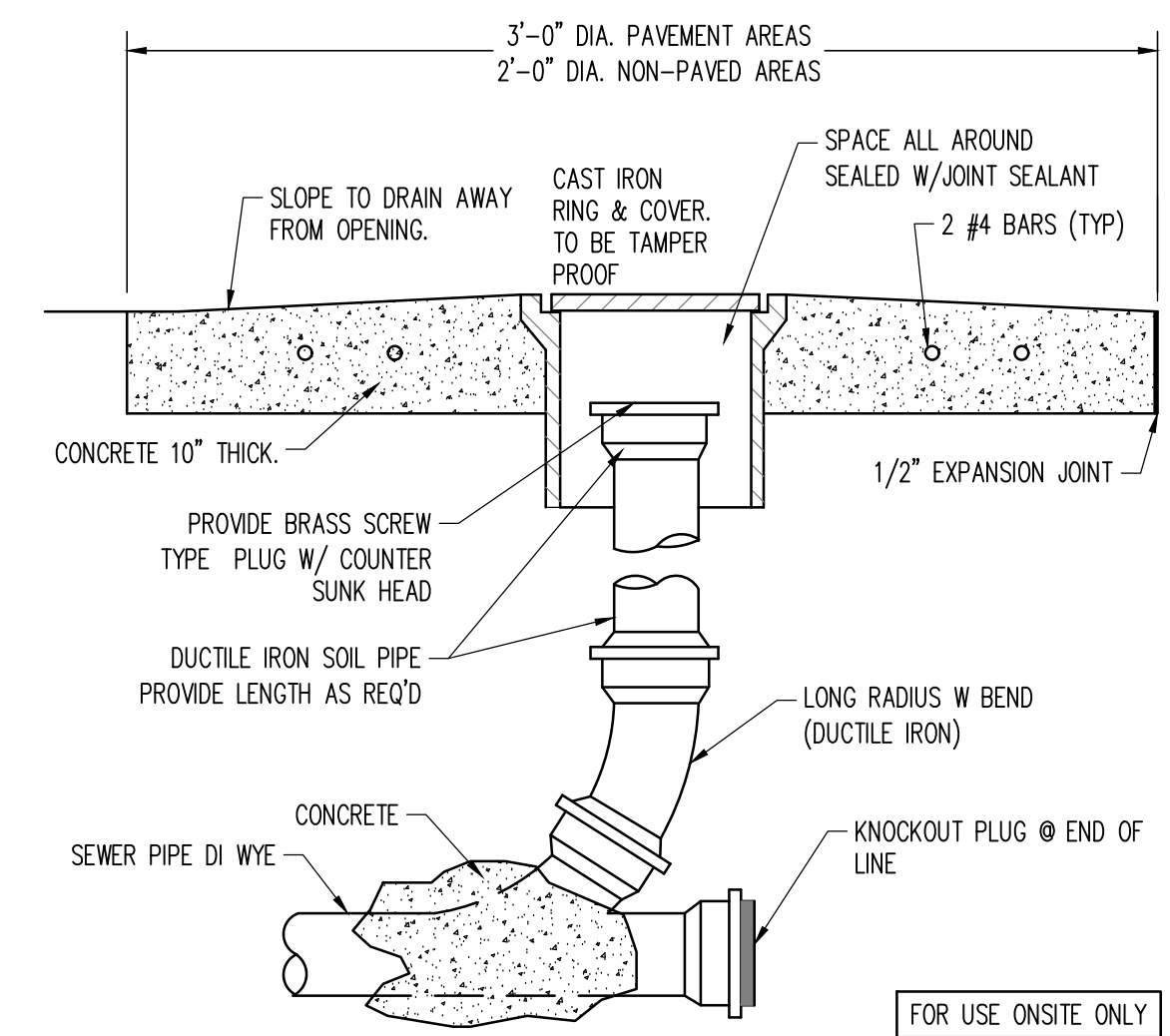


NOTE:
 1. PROOF ROLL NATURAL SUBGRADE PER SPEC'S.
 2. PAVEMENT CONSTRUCTION DURING WET PERIODS WILL REQUIRE 12" OF GRANULAR FILL MATERIAL PLACED DIRECTLY BELOW THE GRANULAR FILL SUBBASE LAYER. INSTALL GEOTEXTILE FABRIC (MIRAFI 600X OR EQUIVALENT) WHERE SUBGRADE COMPACTION IS NOT FEASIBLE. PROVIDE ADDITIONAL FILL & FABRIC IF NECESSARY FOR COMPLETION SCHEDULE AT NO ADDITIONAL COST TO OWNER.
 3. SEALED CONTRACTION JOINTS TO BE 15" DEEP. JOINT PATTERN AS OUTLINED ON ARCHITECTURAL SITE PLANS. 15' MAXIMUM SPACING.
 4. SEAL ALL EXPANSION JOINTS PER SPEC'S.

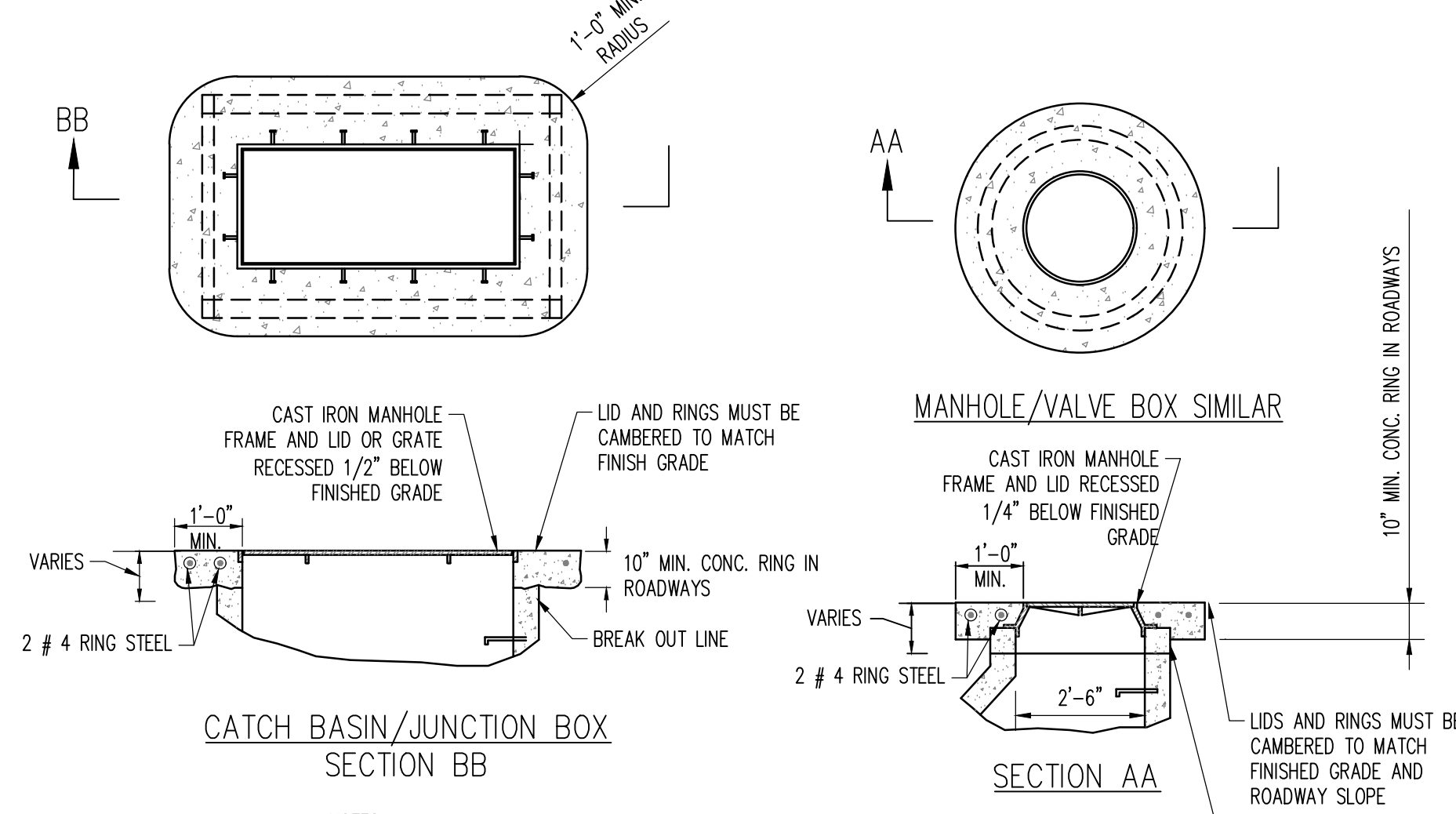
CONCRETE PAVEMENT SECTION (ON SITE ONLY)
 N.T.S.



FENCE WITH MOW STRIP
 N.T.S.



EXTERIOR CLEAN OUT
 N.T.S.



CATCH BASIN / JUNCTION BOX
 SECTION BB
 SECTION AA

NOTES:
 1. REQUIRED FOR EXISTING OR NEW CATCH BASINS (OUTSIDE OF C&G), CLEAN OUTS, VALVES OR MANHOLES AND ALL OTHER UTILITY STRUCTURES IN THE PROJECT LIMITS AND WITHIN ASPHALT PAVEMENT.
 2. WHERE CONCRETE PAVING IS COMPLETED AROUND UTILITY STRUCTURE, USE REINFORCEMENT SHOWN AROUND THE UTILITY STRUCTURE.
 3. CONCRETE COLLARS ARE NOT REQUIRED IN LANDSCAPE AREAS.

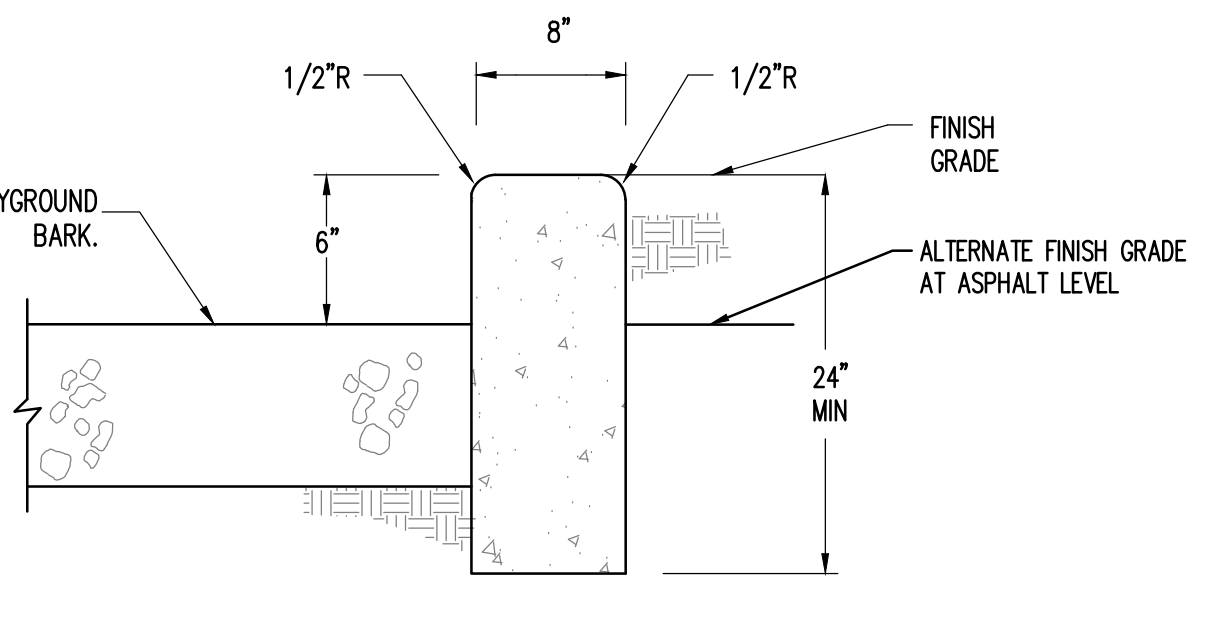
CONCRETE RING AROUND SURFACE UTILITY STRUCTURES
 N.T.S.

SYMBOL LEGEND

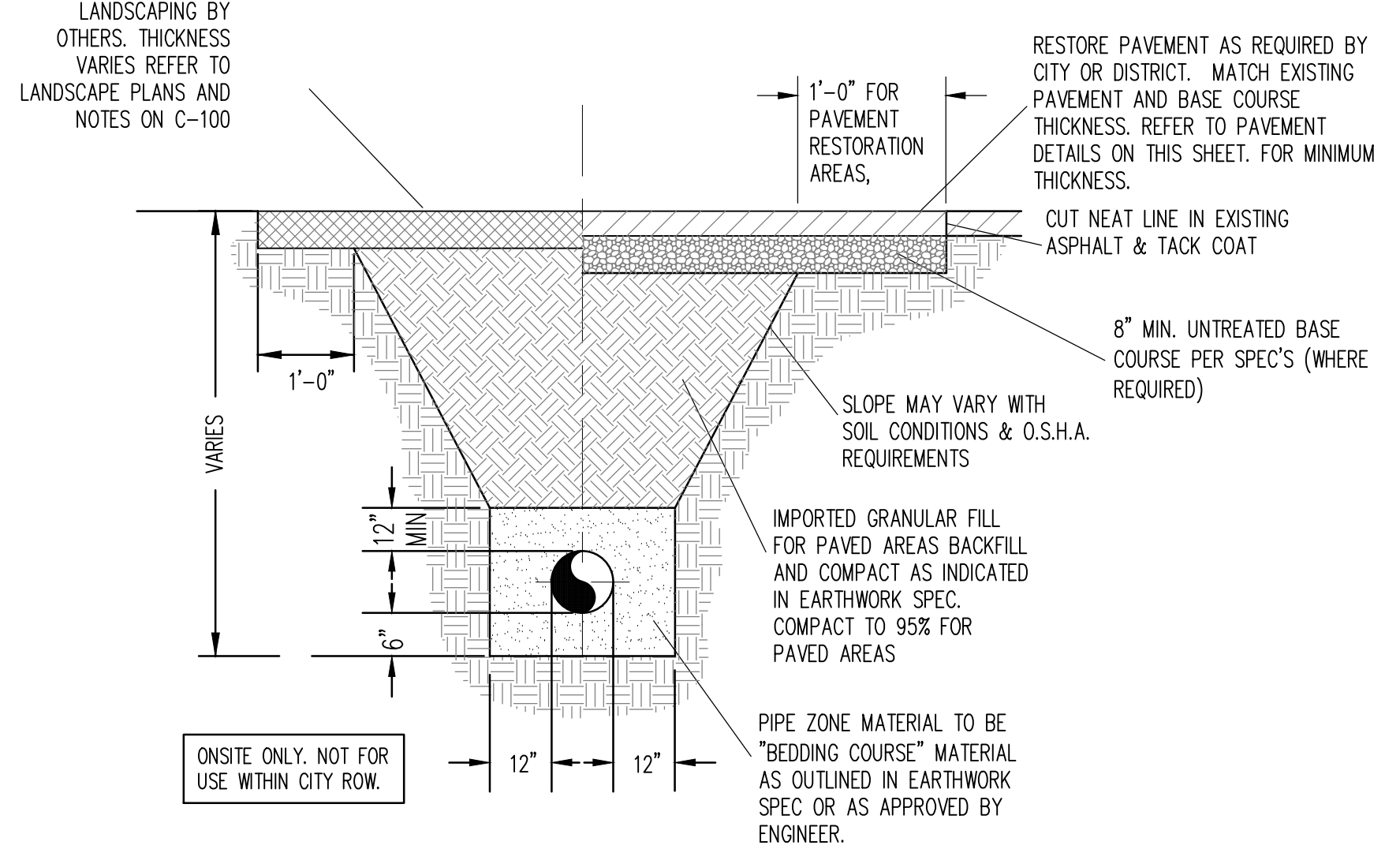
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- POST INDICATOR VALVE
- FIRE DEPARTMENT CONNECTION
- WATER CAP
- WATER TEE
- WATER CROSS
- WATER WYE
- WATER REDUCER
- WATER BENDS
- AREA DRAIN (SIZE PER PLAN)
- CATCH BASIN (SIZE PER PLAN)
- PRE-TREATMENT CURB INLET BOX (PRE-TREAT CIB)
- CURB INLET BOX (CIB)
- STORM DRAIN FLARED END SECTION
- STORM DRAIN / SANITARY SEWER CLEANOUT
- 4" STORM DRAIN / SANITARY SEWER MANHOLE
- 5" STORM DRAIN / SANITARY SEWER MANHOLE
- ELECTRIC METER
- GAS METER
- LIGHT POLE
- DOUBLE LIGHT POLE
- CURB & GUTTER (24")
- CURB WALL (6")
- SPOT ELEVATION
- HANDICAPPED PARKING
- STOP BAR
- PAVEMENT MARKING
- POWER POLE
- SIGN
- CLEANOUT BOX
- THREE CHAMBER PRE-TREATMENT BOX
- DECORATIVE SITE LIGHTING

LINE LEGEND

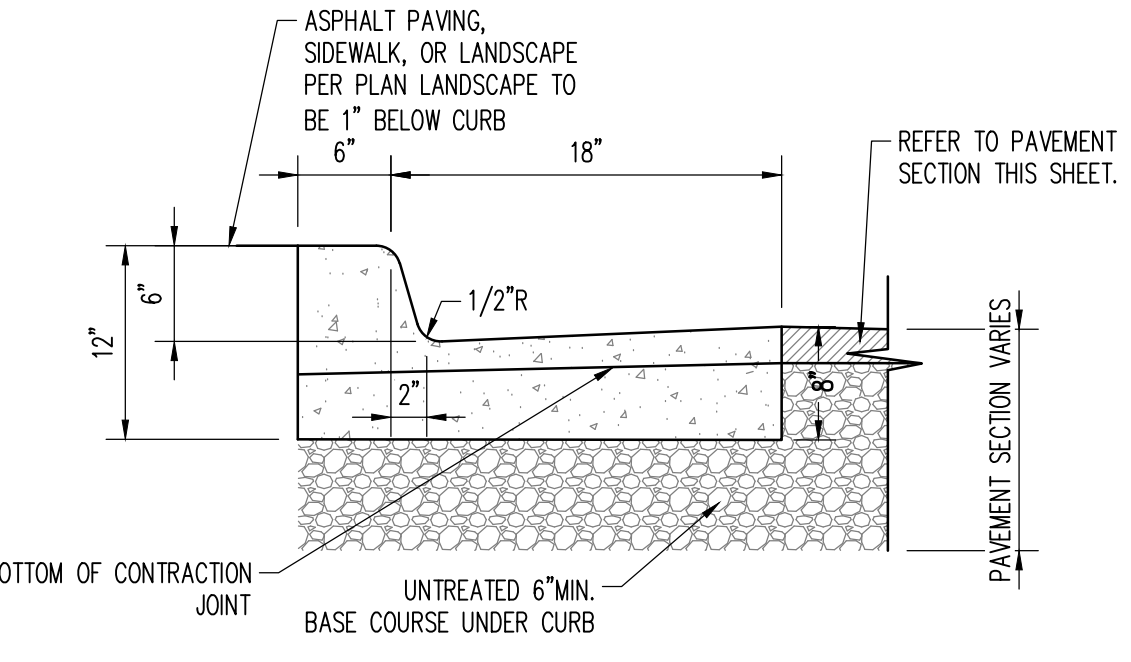
- PROPERTY LINE
- LIMITS OF PROJECT
- MATCHLINE
- CENTERLINE
- SAW CUT LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SANITARY SEWER PIPELINE
- STORM DRAIN PIPELINE
- LAND DRAIN
- TELEPHONE
- WATER PIPELINE
- FIRE LINE
- SECONDARY WATER PIPELINE
- GAS PIPELINE
- BURIED POWER
- CATV
- FIBER OPTIC
- RIDGE LINE
- FLOW LINE
- ROCK WALL
- FENCE
- SILT FENCE
- TEMPORARY SHORING
- REMOVAL
- ABANDON



CURB WALL
 N.T.S.



TYPICAL TRENCH AND SURFACE REPAIR
 N.T.S.



CURB & GUTTER
 N.T.S.

NOTES:
 1. CONCRETE SHALL BE MONOLITHIC 4000 PSI @ 28 DAYS (6% AIR ENTRAINED).
 2. PLACE EXPANSION-CONTRACTION JOINTS AT ALL BC AND EC POINTS. PLACE CONTROL JOINTS AT 10' INTERVALS.
 3. PLACE JOINT FILLER STRIPS BETWEEN WALK AND CURB TO DEPTH OF CONCRETE PLUS ONE INCH WITH TIP SET FLUSH WITH TOP BACK OF CURB.

	233 SOUTH PLEASANT GROVE SUITE 4700 PLEASANT GROVE, UTAH 84062 PHONE: (801) 799-3000 cma@curtisminer.com	DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: JL CHECKED BY: NL
	THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. ©2021 CURTIS MINER ARCHITECTURE, LLC.	
PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UT 84601	OWNER: 	
SHEET DESCRIPTION: GENERAL NOTES AND DETAILS	SHEET: C100	

1

2

3

4

5

6

MARK	REVISION	DATE

A

B

C

D

E

SURVEYOR'S CERTIFICATE
 I, MICHAEL W. NADEAU, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, HOLDING CERTIFICATE NUMBER 4938744, AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH AND STATE THAT INFORMATION SHOWN ON THIS PLAT HAS BEEN OBTAINED THROUGH SURFACE SURVEYS OF STRUCTURES, UTILITIES AND IMPROVEMENTS VISIBLE TO THE SURVEYOR AT THE TIME OF THE SURVEY. UNDERGROUND STRUCTURES, UTILITIES AND IMPROVEMENTS HAVE NOT BEEN SURVEYED. UNDERGROUND FEATURES, INCLUDING ELEVATIONS, SIZES, TYPES, CAPACITIES AND DIMENSIONS ARE SHOWN GRAPHICALLY AS OBTAINED THROUGH MUNICIPAL OR GOVERNING ENTITY RECORDS AND MAPS. INFORMATION AS REPRESENTED HEREON DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED.

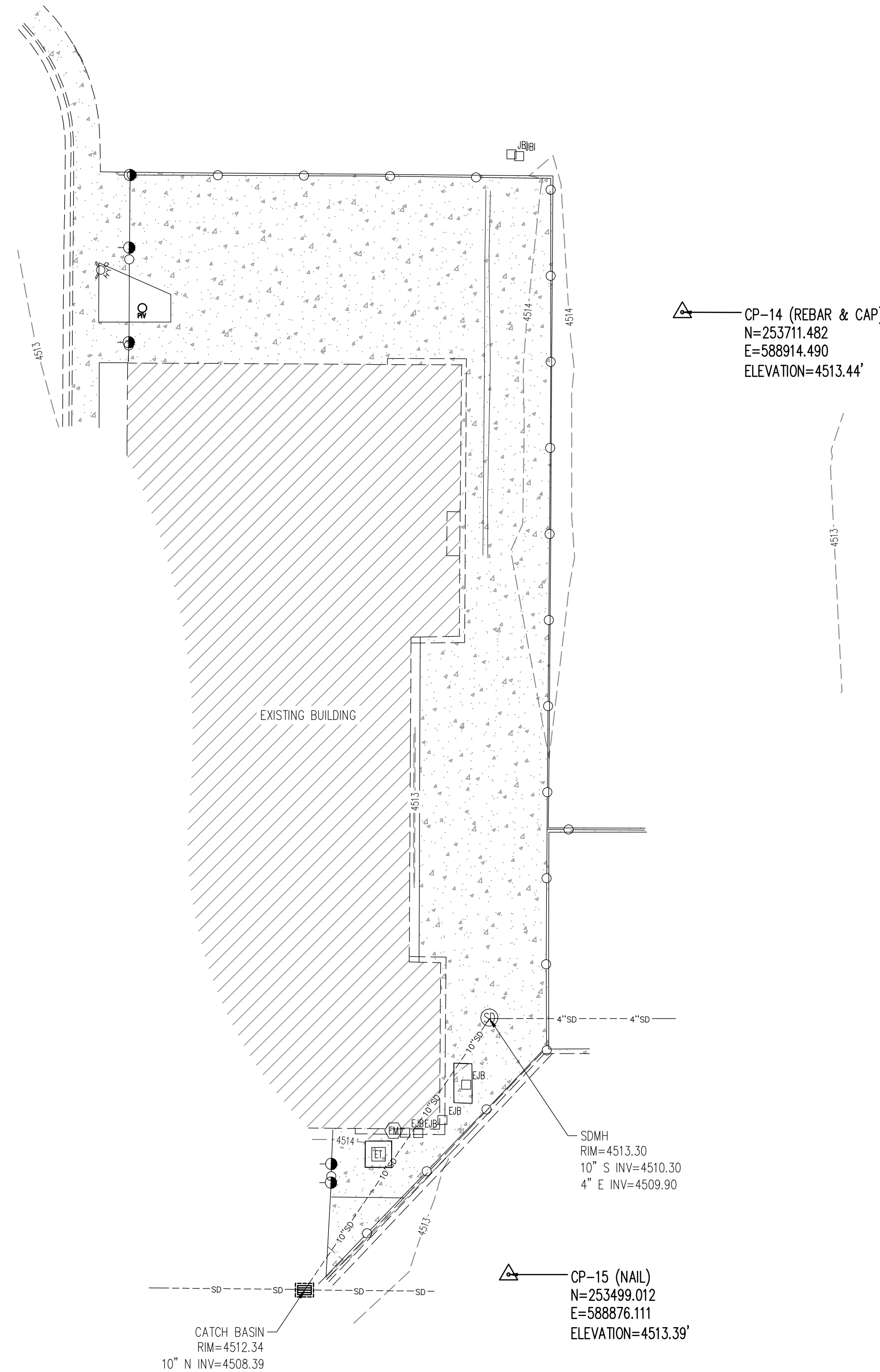


MICHAEL W. NADEAU
 PLS. NO. 4938744

EXISTING TOPO NOTES:

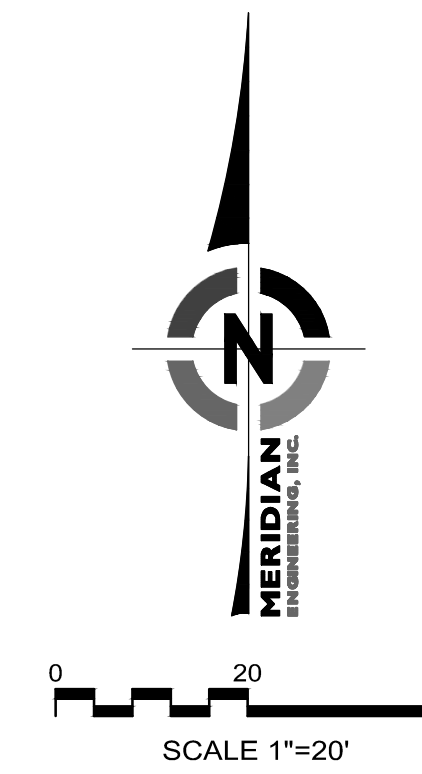
1. THIS SURVEY AND CONTROL POINTS SHOWN WERE ESTABLISHED BY MERIDIAN ENGINEERING, INC. IN OCTOBER OF 2021. ALL CONTROL POINTS SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES TO ENSURE THEY ARE STILL INSIDE AN ACCEPTABLE MEASUREMENT TOLERANCE.
2. CONTROL POINT ELEVATIONS SHOWN WERE DERIVED FROM THE PROJECT BENCHMARK USING DIFFERENTIAL LEVELING.
3. THE LOCATIONS OF UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS AS SHOWN HEREON ARE BASED ON ABOVE GROUND APPURTENANCES VISIBLE AT THE TIME OF THE SURVEY TO THE SURVEYOR. EXACT LOCATIONS OF UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS MAY EXIST.
4. ELEVATIONS, SIZES, TYPES AND CONDITIONS OF UNDERGROUND STRUCTURES, UTILITIES OR IMPROVEMENTS AS SHOWN ON THIS PLAT ARE APPROXIMATE ONLY AND SHOULD BE VERIFIED WITH THE APPROPRIATE AGENCY OR CONTROLLING PARTY BEFORE DESIGN OR CONSTRUCTION.
5. ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS, FACILITIES, DEPOSITS OR DISPOSALS THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY.
6. UNLESS OTHERWISE SHOWN, NO ATTEMPT HAS BEEN MADE AS PART OF THIS PLAT AND THE SURVEY ON WHICH IT IS BASED TO DISCLOSE THE LOCATIONS, SIZE, TYPE OR CONDITION OF ANY TREE, HEDGE, GROUND COVER, LAWN, PLANTINGS OR ANY OTHER LANDSCAPING OR SPRINKLER HEADS, PIPES OR ANY APPURTENANT PARTS THEREOF. ADDITIONAL LANDSCAPING OR IRRIGATION FACILITIES MAY EXIST.
7. CONTRACTOR MUST OBTAIN A PERMIT BEFORE BEGINNING WORK WITHIN THIRTY FEET OF AN ESTABLISHED COUNTY SURVEY MONUMENT, PER UTAH STATE CODE 17-23-14 SUBSECTIONS 2 AND 4.

CP-1 (NAIL)
 N=253759.527
 E=588744.458
 PROJECT BENCHMARK
 ELEVATION=4513.24'



LEGEND

	EXISTING STORM DRAIN LINE
	EXISTING CURB & GUTTER
	EXISTING MAJOR CONTOUR LINE
	EXISTING MINOR CONTOUR LINE
	EXISTING BUILDING
	EXISTING CONCRETE
	EXISTING ELECTRICAL BOX
	EXISTING IRRIGATION BOX
	EXISTING STORM DRAIN MANHOLE
	EXISTING CATCH BASIN
	EXISTING ELECTRICAL TRANSFORMER
	EXISTING ELECTRICAL METER
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING GATE POST
	CONTROL MONUMENT



**SUNSET VIEW ELEMENTARY
 TECHNOLOGY BUILDING**

 CURTIS MINER ARCHITECTURE	<small>233 SOUTH PLEASANT GROVE SALT LAKE CITY, UT 84103 PLEASANT GROVE, UTAH 84062</small>	DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: JIL CHECKED BY: NL
	<small>PHONE: (801) 789-3000 cma@cmaarch.com</small>	<small>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2021 CURTIS MINER ARCHITECTURE, LLC.</small>

PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL	
PROJECT ADDRESS: 527 S 1600 W ST PROVO, UT 84601	OWNER:

SHEET DESCRIPTION: EXISTING SURVEY AND TOPOGRAPHY	SHEET: C200
--	-----------------------

**MERIDIAN
 ENGINEERING, INC.**
1628 WEST 11010 SOUTH, SUITE 102
 SOUTH JORDAN, UTAH 84095
 PHONE: (801) 569-1315 FAX: (801) 5691319



MARK	REVISION	DATE

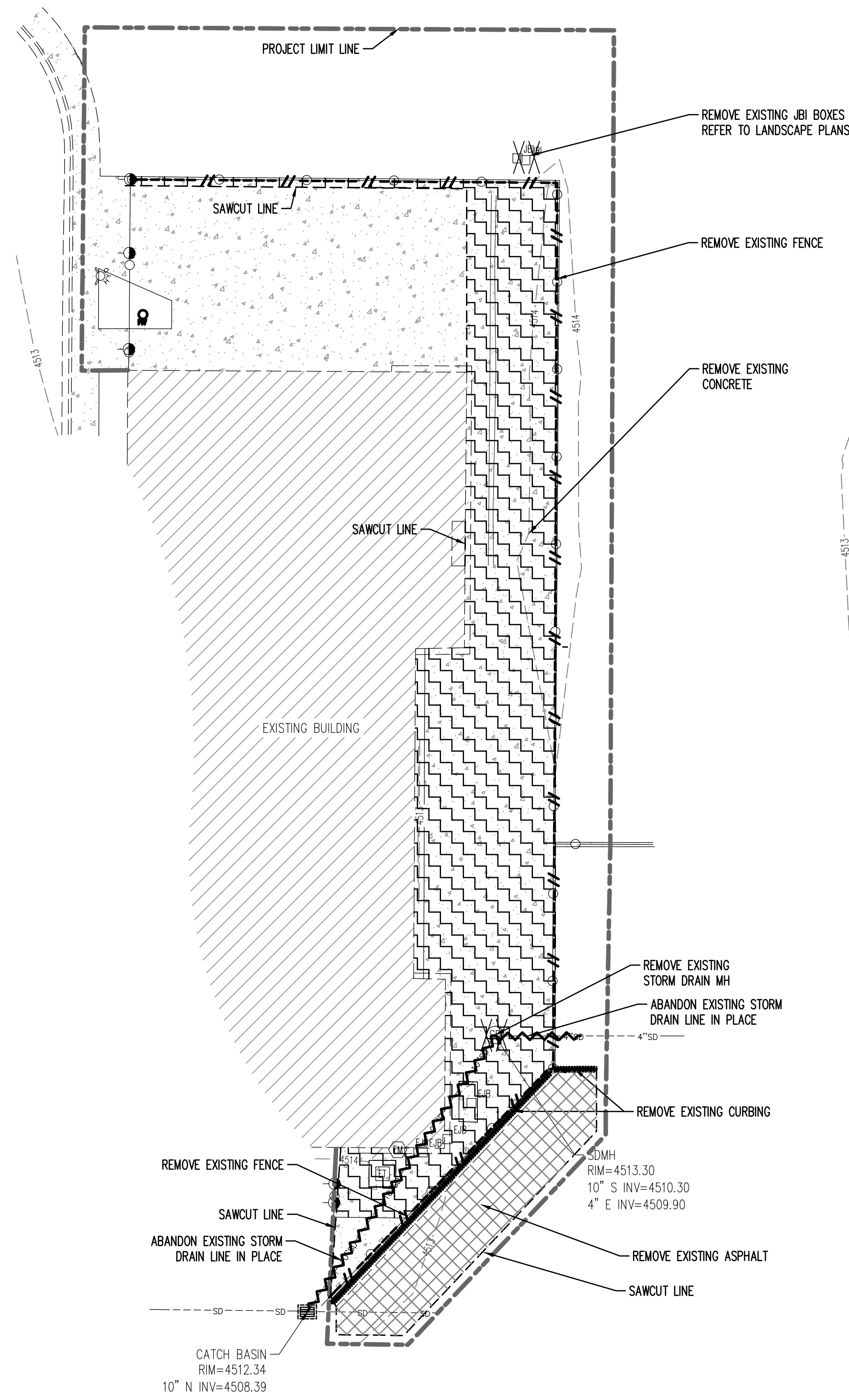
A

B

C

D

E



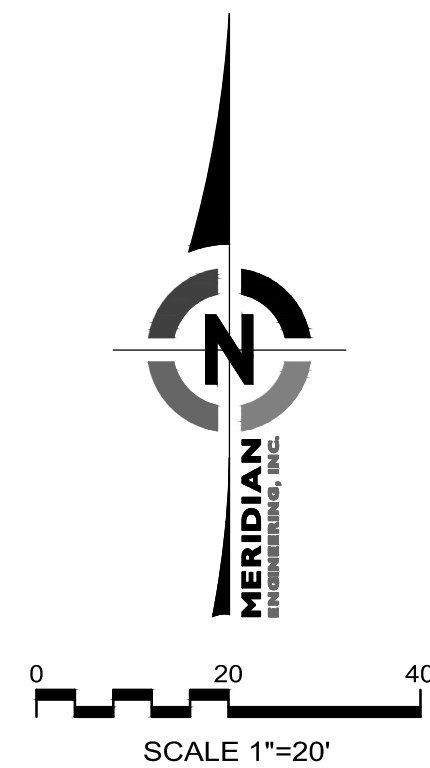
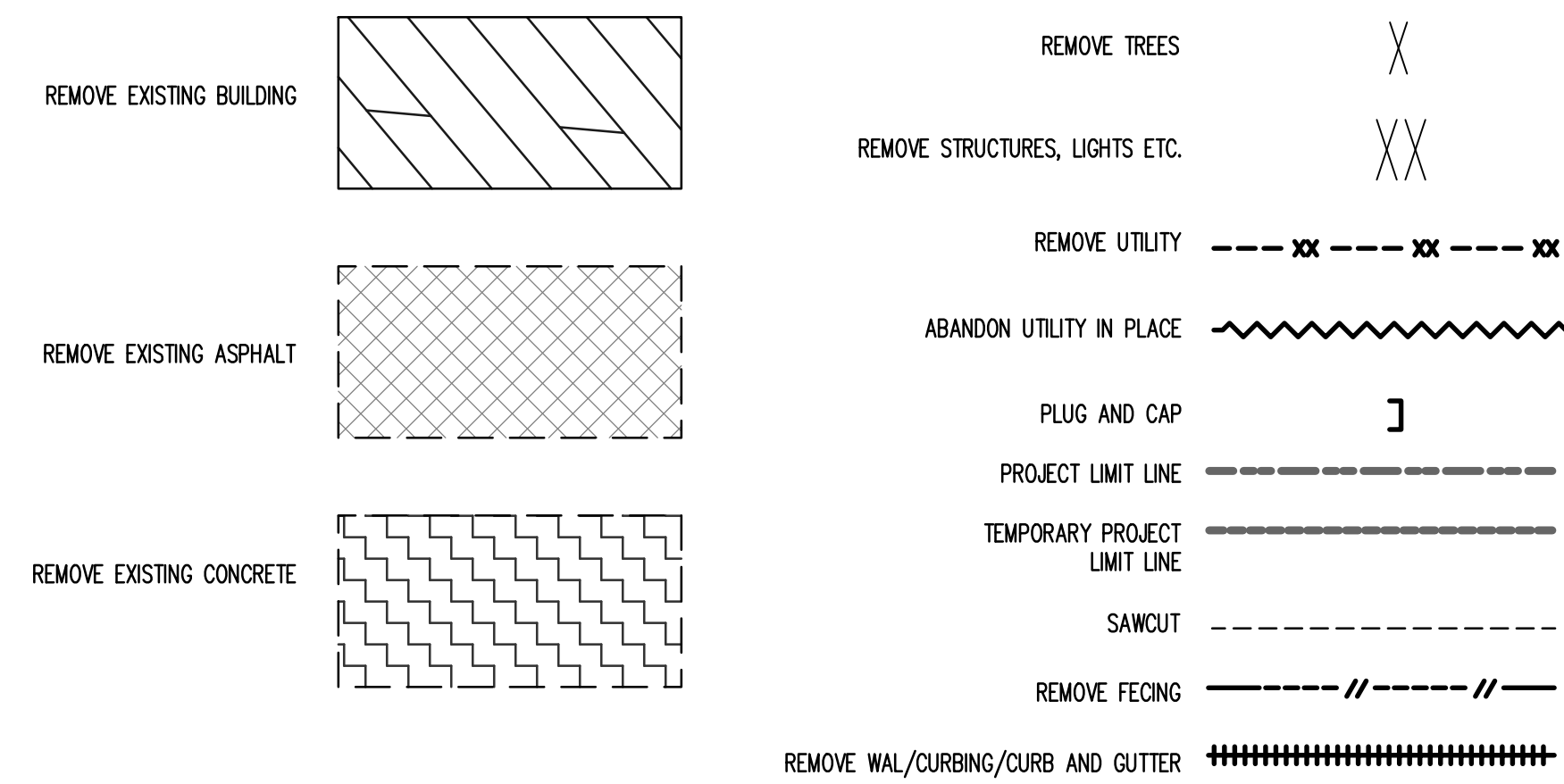
UTILITY DEMO NOTES

1. REMOVE UTILITIES ONLY AFTER NEW TEMPORARY UTILITY LINES HAVE BEEN REROUTED AND CONNECTED.
2. REFER TO THE ELECTRICAL OR MECHANICAL PLANS FOR SITE DEMOLITION OF EXISTING TRANSFORMERS, ELECTRICAL LINES, EXISTING LIGHTING, ELECTRICAL EQUIPMENT, HEATING VAULTS, HEATING LINES, GAS LINES, OR OTHER SITE DEMOLITION INSIDE OR OUTSIDE THE PROJECT LIMITS.
3. ALL EXISTING UTILITIES OR SURFACE IMPROVEMENTS SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS NOTED OTHERWISE. ANY DAMAGE TO THE UTILITIES OR SURFACE IMPROVEMENTS SHALL BE REPAIRED WITH NEW MATERIALS AT NO ADDITIONAL COST TO THE OWNER. ALL INTERRUPTIONS OF UTILITIES SERVICE WILL BE COORDINATED WITH THE OWNER AT LEAST ONE WEEK IN ADVANCE. NIGHTTIME INTERRUPTIONS OF A SERVICE MAY BE NECESSARY TO SUCCESSFULLY COMPLETE NEW UTILITY CONNECTIONS.
4. UTILITIES ABANDONED IN PLACE UNDER PAVEMENT OR CONCRETE IMPROVEMENTS SHALL HAVE SAND BLOWN INTO THE ABANDONED PIPING. ALL OPEN ENDS OF ABANDONED PIPING SHALL BE PLUGGED AND CAPPED. REPAIR EXISTING MANHOLES AND INLETS WHERE PIPING IS REMOVED AS PART OF THE DEMOLITION. PLUG AND GROUT (EPOXY GROUT) HOLES IN THE EXISTING STRUCTURES. CORE DRILL AND EPOXY GROUT ALL NEW PIPING INTO EXISTING CONCRETE STRUCTURES.
5. BACKFILL ALL EXCAVATIONS FOR UTILITY PIPING OR STRUCTURE REMOVAL (MANHOLES, INLETS, ETC.) WITH STRUCTURAL FILL TO THE ROUGH GRADE ELEVATION SHOWN ON GRADING PLANS.
6. PROVIDE TEMPORARY STORM DRAINAGE PUMPING OR OTHER APPROVED STORM DRAIN DISPOSAL METHOD TO MAINTAIN DRAINAGE TO THE SITE DURING CONSTRUCTION.
7. MAINTAIN UTILITY SERVICE TO THE EXISTING BUILDING AT ALL TIMES UNLESS OTHERWISE COORDINATED.
8. ALL WORK WITHIN STREET ROW SHALL BE PER APWA STANDARD PLANS AND SPECIFICATIONS (2012 EDITION) AND CITY STANDARDS. OBTAIN CITY PERMIT PRIOR TO ANY WORK WITHIN CITY RIGHT OF WAY.
9. DO NOT DRIVE HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE. SUBGRADE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER SUBGRADE WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. REPAIRS TO BE COMPLETED AS OUTLINED IN SPEC SECTION WITH UP TO 2' OF IMPORTED STRUCTURAL GRANULAR FILL TO STABILIZE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OVER EXCAVATED SUBGRADE.
10. NEW UTILITIES SHALL BE INSTALLED AS REQUIRED TO MAINTAIN SERVICE TO EXISTING BUILDINGS. PRIOR TO REMOVAL OF EXISTING UTILITIES COORDINATE SERVICE INTERRUPTION AND REMOVAL OF UTILITIES WITH OWNER.
11. POT HOLE AND FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF ANY NEW UTILITY OR CONNECTION TO EXISTING UTILITIES.
12. PROVIDE TEMPORARY WATER CONNECTION FOR MAINTAINING IRRIGATION OF LANDSCAPE THAT IS TO REMAIN. REFER TO LANDSCAPE PLANS.
13. RAISE/LOWER EXISTING VALVES, M.H., ELECTRICAL AND MECHANICAL VAULT HATCHES, AND UTILITY STRUCTURES WITHIN THE WORK AREA LIMITS TO NEW GRADES SHOWN ON GRADING PLAN.

SITE DEMO PLAN NOTES:

1. COORDINATE ALL UTILITY INFORMATION WITH OWNER. THE COORDINATES SHOWN ON THE PLANS ARE BASED ON SURVEY CONTROL AND TOPO SURVEY COMPLETED BY MERIDIAN ENGINEERING. REFER TO EXISTING TOPO PLAN FOR SURVEY CONTROL, ON SHEET C200.
2. REFER TO SITE LAYOUT PLANS ON SHEET CS230.
3. SIDEWALK REMOVAL AND REPLACEMENT TO BE AS INDICATED ON THE SITE PLAN AND WILL MATCH EXISTING SIDEWALK WIDTHS.
4. EXCAVATION ADJACENT TO TREES SHALL BE A MINIMUM OF 8' FROM THE CENTER OF THE TREE OR THE TREE DRIP LINE AS DIRECTED BY THE OWNER'S REPRESENTATIVE. IF TREE ROOTS ARE ENCOUNTERED NEAR TREES TO REMAIN, COORDINATE TREE ROOT PRUNING WITH OWNER WHENEVER TREE ROOTS MAY BE ENCOUNTERED IN EXCAVATION. DO NOT COVER TREE ROOTS DAMAGED BY EXCAVATION NEAR TREE THAT ARE TO REMAIN. WHERE NECESSARY FOR EQUIPMENT OPERATION, TREE MAY BE TRIMMED. COORDINATE ANY TRIMMING OF TREES TO REMAIN WITH LANDSCAPE PLANS AND OWNER.
5. ALL WORK WITHIN CITY ROAD ROW SHALL MEET CITY STANDARDS AND SPECIFICATIONS. OBTAIN CITY PERMIT PRIOR TO ANY WORK WITHIN CITY ROAD RIGHT OF WAY. OBTAIN ALL NECESSARY EXCAVATION PERMITS AND PROVIDE NECESSARY TRAFFIC CONTROL MEASURES PER CITY REQUIREMENTS.
6. REMOVE AND SALVAGE ALL SIGNS, BENCHES, AND EXTERIOR LIGHTS WITHIN THE PROJECT LIMITS. AFTER REMOVAL COORDINATE OWNER FOR PICKUP OF SIGNAGE OR OTHER SALVAGED ITEMS.
7. DO NOT DRIVE HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE. DAMAGE TO SOFT SUBGRADE AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER SUBGRADE WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. REPAIRS TO BE COMPLETED WITH UP TO 2' OF IMPORTED STRUCTURAL GRANULAR FILL TO STABILIZE SOFT AREAS.
8. PLACEMENT OF GRANULAR IMPORT MATERIALS MAY BE NECESSARY TO MAINTAIN CONSTRUCTION TRAFFIC PATHWAYS DURING WET PERIODS OF THE YEAR. CONTRACTOR IS REQUIRED TO MAINTAIN TRAFFIC PATHWAYS AT ALL TIMES DURING CONSTRUCTION AND REMOVE OR ADD TO THESE GRANULAR MATERIALS TO MEET THE GRADES NECESSARY TO OBTAIN THE GRADES SHOWN ON C400.
9. APPROXIMATE FOUNDATION EXCAVATION LIMIT LINE MAY BE EXTENDED WITH APPROVAL FROM THE OWNER. ANY AFFECTED IMPROVEMENTS IMPACTED SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. REFER TO BUILDING PLANS FOR APPLICABLE EXCAVATION LIMIT LINE FOR THE NEW BUILDING.
10. ALL STRIPING WITHIN THE PROJECT LIMIT LINE SHALL BE BLACKED OUT AND REPLACED WITH STRIPING PER SITE LAYOUT PLAN.
11. ALL SIGNS TO REMAIN UNLESS INDICATED ON THIS SHEET OR THE SITE PLAN.

DEMO LEGEND



<p>333 SOUTH PLEASANT GROVE SUITE 4700 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: JL</p> <p>CHECKED BY: NL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UT 84601</p> <p>OWNER: Provo City School District</p>
	<p>SHEET DESCRIPTION: SITE AND UTILITY DEMOLITION PLAN</p> <p>SHEET: CS210</p>

1

2

3

4

5

6

A

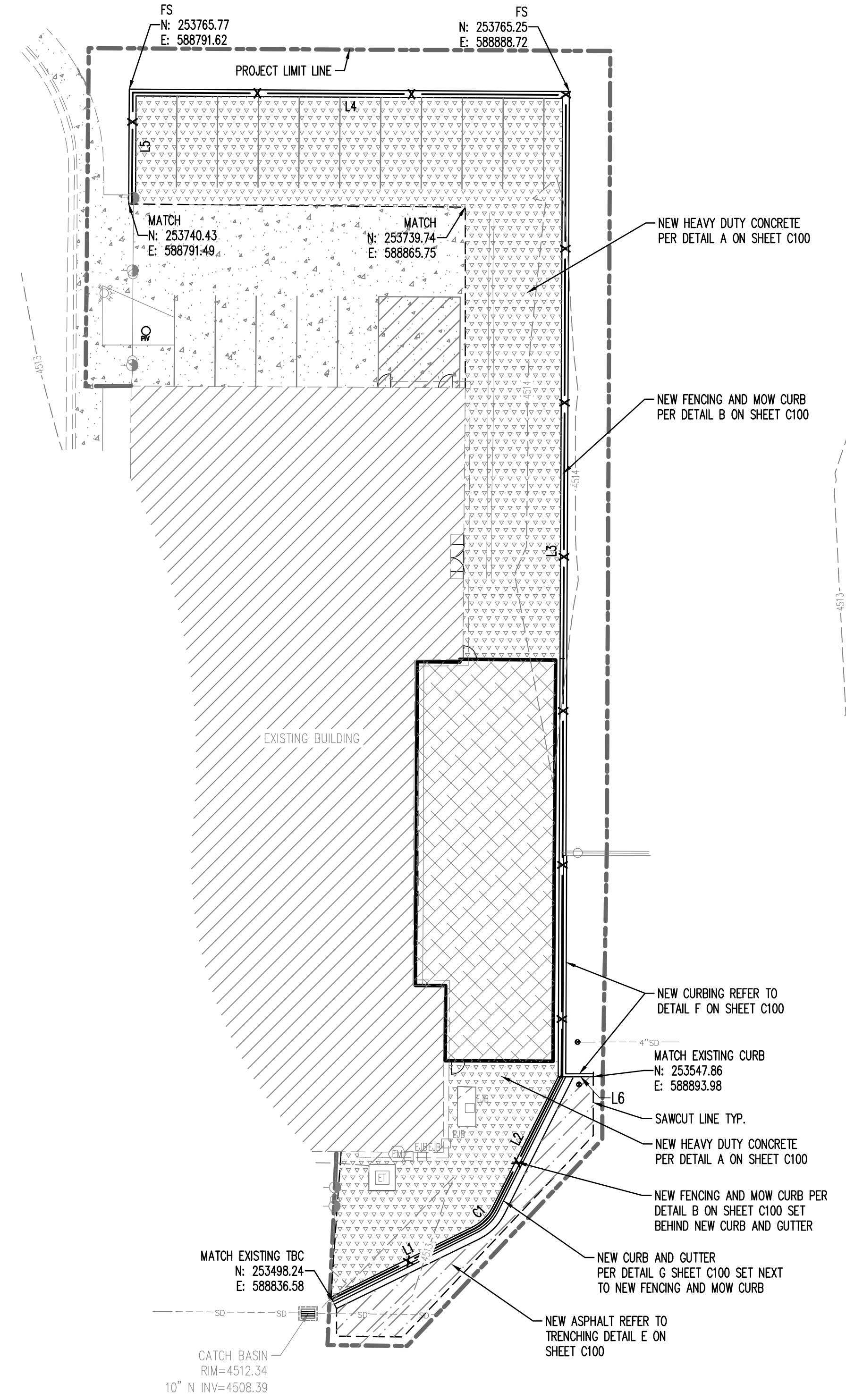
B

C

D

E

MARK	REVISION	DATE

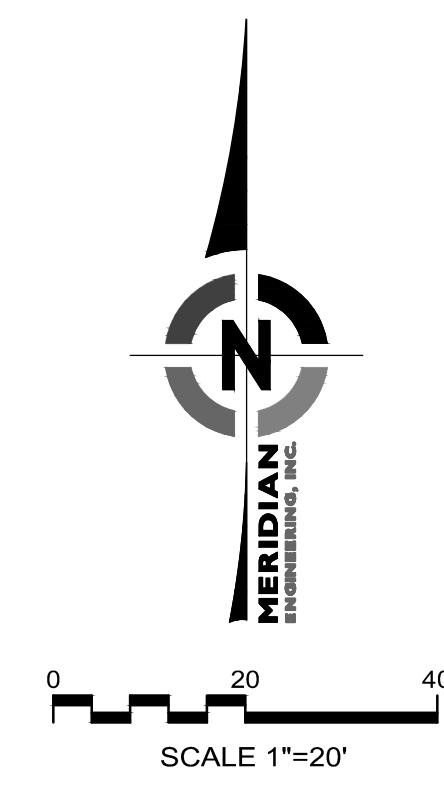
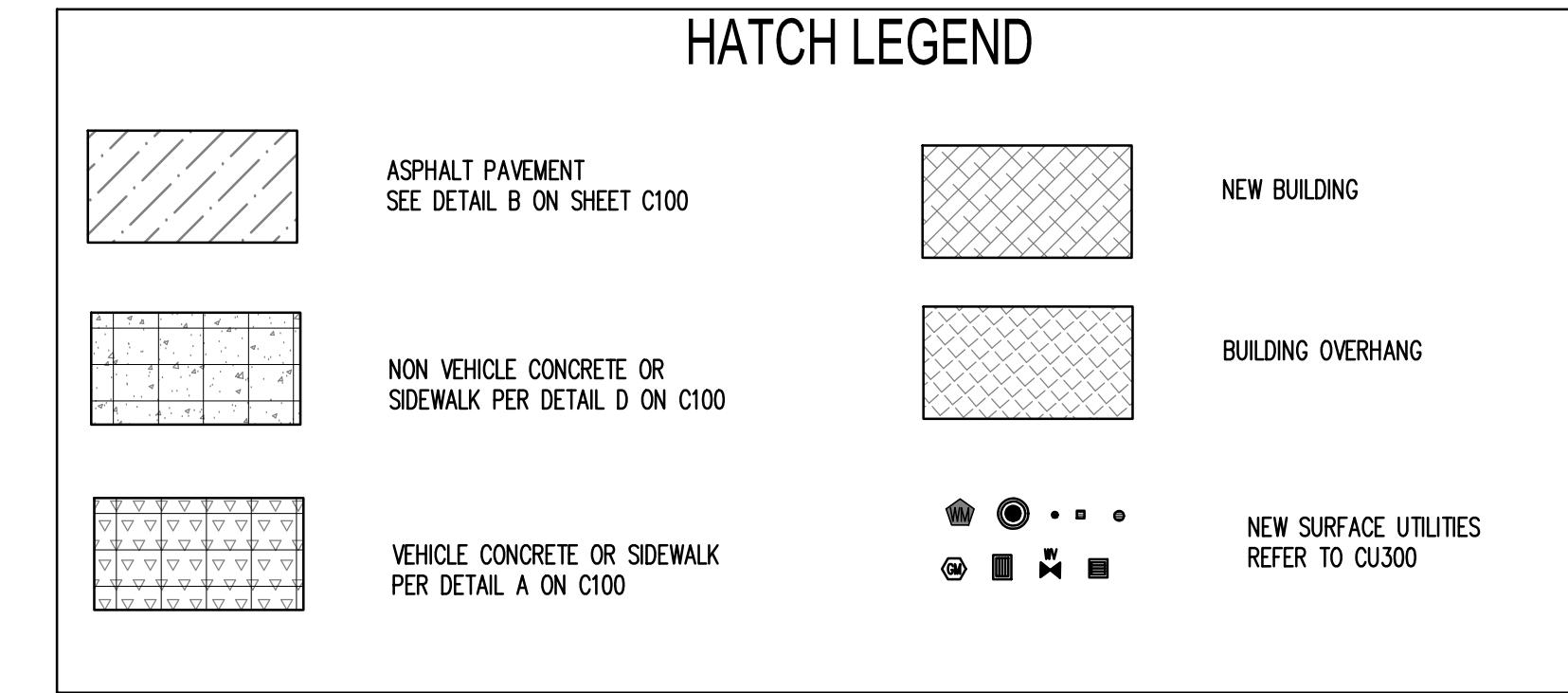


L#	L	Bearing
L1	34.83	N63° 39' 51.04"E
L2	32.12	N26° 40' 58.01"E
L3	215.94	S0° 15' 27.34"W
L4	94.10	S89° 41' 32.98"E
L5	23.85	N0° 18' 27.02"E
L6	7.77	N89° 43' 21.19"E

C#	L	R	Δ	Chord Bearing	Chord L
C1	6.45	10.00	0.36°58'53"	N45° 10' 25"E	6.34

GENERAL SITE LAYOUT NOTES:

- REFER TO LANDSCAPE AND ELECTRICAL PLANS FOR TRANSFORMER LOCATIONS AND LIGHTING.
- REFER TO LANDSCAPE PLANS FOR LAYOUT OF PLANTINGS.
- VERIFY THE GRID DISTANCES SHOWN FOR BUILDING LOCATIONS WITH ARCH PLANS.
- ALL PAVEMENT REPAIR TO MEET REQUIREMENT STANDARD DETAILS ON C100.
- TRANSITION CURB FROM STANDARD CURB HEIGHT TO CURB TERMINATION OVER 6" MINIMUM AT ALL LOCATIONS.
- SIDEWALK THICKNESS TO BE 8" (MINIMUM) AT ALL DRIVEWAYS AND 6" (MINIMUM) ELSEWHERE.
- REPAIR/CONSTRUCT DRIVE APPROACHES PER CITY STANDARDS.
- CURVE AND LINE DATA IS BASED ON THE TOP BACK OF CURB AND FRONT OF SIDEWALK.



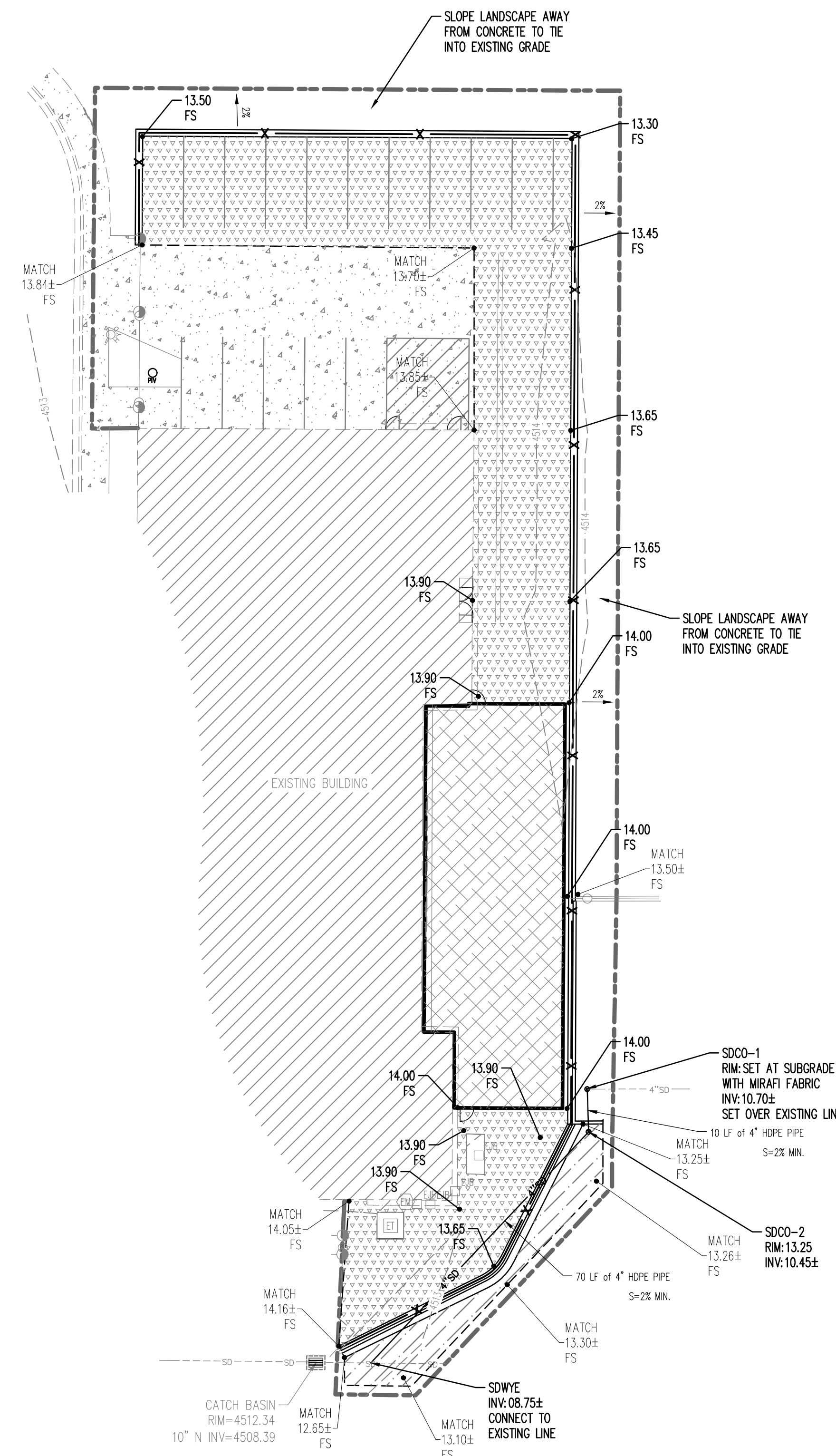
TOTAL STALLS:	15
STALLS:	15
HC STALLS:	0

<p>233 SOUTH PLEASANT GROVE SUITE 4700 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: JIL</p> <p>CHECKED BY: NL</p>	
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UT 84601</p> <p>OWNER: PROVO CITY SCHOOL DISTRICT</p>	<p>STATE OF UTAH</p> <p></p> <p>NICHOLE LEE LUTHI 11-30-2021 #8023338</p>
<p>Blue Stakes of UTAH</p>	<p>SHEET DESCRIPTION: SITE LAYOUT PLAN</p>	<p>SHEET: CS230</p>

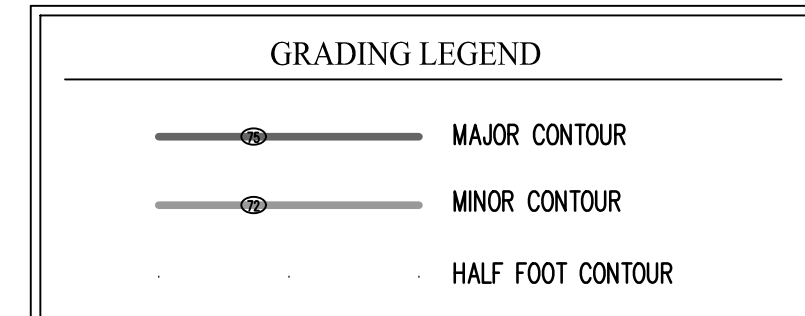
MARK	REVISION	DATE

GRADING PLAN NOTES:

- REFER TO SHEET ARCHITECTURAL SITE PLAN DETAILS FOR RAISED PLANTERS, HANDICAP RAMPS, SIDEWALK DETAILS, FLUSH CURB, DIMENSIONS OF PLAYGROUND, PARKING LOT STRIPING AND SITE FENCING WITH MOW STRIP.
- CONTOURS OF THE SITE ARE BASED ON A SURVEY BY MERIDIAN ENGINEERING. REFER TO SHEET C200 FOR PROJECT BENCH MARK AND BASIS OF BEARING.
- PROVIDE APPROVED SILT PROTECTION FOR ALL NEW AND EXISTING CATCH BASINS UNTIL LANDSCAPING IS WELL ESTABLISHED AND PARKING IS COMPLETE. THE PIPING SYSTEM SHALL BE CLEANED OUT BEFORE FINAL APPROVAL. USE MIRAFI "DANDY BAG" OR ANOTHER APPROVED EQUIVALENT FOR EXISTING INLET PROTECTION. REFER TO SHEET C500 AND C510.
- DIMENSIONS OR COORDINATES ARE TO THE CENTER OF CATCH BASINS FOR AREA INLETS AND AT THE CENTER OF THE CATCH BASIN AT TBC FOR INLETS IN CURB AND GUTTER.
- HANDICAP PARKING AREA SHALL NOT EXCEED 2% IN ANY DIRECTION. THE PERPENDICULAR CROSS SLOPE TO PARKING STALL IN OTHER AREAS OF THE PARKING LOT SHALL NOT EXCEED 4% IN SLOPE AND SLOPE SHALL NOT EXCEED 6% IN ANY DIRECTION FOR DRIVEWAYS.
- ALL WALKWAYS SHALL NOT EXCEED 5% SLOPE. THE PERPENDICULAR CROSS SLOPE TO NOT EXCEED 2% MAX. SLOPE FOR WALKWAYS 2% MAX. FROM BUILDING OR STAIR RISERS FOR 5' MINIMUM. ALSO SLOPE 2% MAX FOR 5' AT THE END OF THE 1:12 SLOPE OF ALL H.C. RAMPS.
- PIPING LENGTHS ARE APPROXIMATE LENGTHS AND ARE ROUNDED TO THE NEAREST FOOT. LENGTHS ARE FROM CENTER TO CENTER OF INLETS OR CLEANOUTS. PIPE SLOPES ARE ALSO APPROXIMATE. USE INVERTS AT EACH BOX FOR CONTROL OF PIPE INSTALLATION.
- "TBC" IS TOP BACK OF CURB ELEVATIONS. "FS" IS FINISH SURFACE ELEVATIONS. "TOC" IS TOP OF CONCRETE ELEVATIONS. "TOW" IS TOP OF WALL ELEVATIONS. "BOT" IS FINISH SURFACE AT BOTTOM OF WALL ELEVATIONS. "FL" IS FLOW LINE.
- TRANSITION FACE OF CURB TO BE FLUSH TO ADJACENT FINISHED SURFACE WHERE INDICATED BY "TBC/FS" TO FULL HEIGHT OVER 5' (MIN).
- PLACE CONCRETE COLLAR AROUND ALL NEW CATCH BASINS OR CLEANOUTS (NOT IN CURB AND GUTTER). COLLAR TO BE 1" MINIMUM WIDTH AND SHALL BE 8" MINIMUM THICKNESS. PLACE 2 #4 BARS AROUND OPENING. SEE DETAIL ON SHEET C100.
- REFER TO SHEET C100 AND C210 FOR REQUIRED PAVEMENT SECTIONS.
- DO NOT DRIVE HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE. SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER SUBGRADE WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. REPAIRS TO BE COMPLETED AS OUTLINED IN THE SPEC SECTION WITH UP TO 2' OF IMPORTED STRUCTURAL GRANULAR FILL TO STABILIZE SOFT AREAS CAUSED BY ROUTING HEAVY EQUIPMENT OR TRUCKS OVER EXCAVATED SUBGRADE.
- SITE SOILS MAY NOT SUPPORT CONSTRUCTION TRAFFIC DURING WET PERIODS OF THE YEAR. CONTRACTOR WILL BE RESPONSIBLE TO PLACE GRANULAR FILL AND/OR COBBLE MATERIALS AS NECESSARY TO MAINTAIN ACCESS TO THE SITE OR BUILDING THROUGHOUT THE CONSTRUCTION SITE AT ALL TIMES. EXCESS MATERIAL SHALL BE REMOVED AS REQUIRED TO COMPLETE THE SITE TO THE GRADES SHOWN ON GRADING PLANS. ALSO REFER TO GEOTECHNICAL INVESTIGATION SHEETS FOR SITE SOIL PREPARATION REQUIREMENTS.
- PROVIDE TEMPORARY STORM DRAIN PUMPING, PONDING, BERMING, PIPING AND INLETS OR OTHER MEASURES TO RETAIN CONSTRUCTION STORM DRAIN RUNOFF ON SITE DURING CONSTRUCTION UNTIL THE NEW SYSTEM IS OPERATIONAL. ALL CONSTRUCTION SITE RUNOFF TO HAVE HEAVY SEDIMENT REMOVED PRIOR TO RELEASING TO EXISTING SITE DRAIN SYSTEM. PROTECT ADJACENT BUILDING FROM CONSTRUCTION RUNOFF AT ALL TIMES.
- THERE SHOULD BE NO STANDING WATER ONSITE. ALL STORM WATER SHALL DRAIN TO AN INLET OR AREA DRAIN. CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD IF ANY LOW SPOTS THAT DO NOT DRAIN ARE ENCOUNTERED. A WATER TEST WILL BE PERFORMED BY THE CONTRACTOR WITH THE ENGINEER OF RECORD IN ATTENDANCE OR A SURVEY OF THE NEW IMPROVEMENTS PROVIDED TO THE ENGINEER AT COMPLETION OF THE PROJECT TO VERIFY THAT ALL STORM DRAIN WATER DRAINS AS DESIGNED.
- ALL "MATCH" LOCATIONS INDICATE THAT THE CONTRACTOR IS TO MATCH THE EXISTING GRADE. AN APPROXIMATE ESTIMATE IS PROVIDED BY THE ENGINEER BASED ON AN INTERPOLATION OF NEAREST SPOT ELEVATIONS PROVIDED BY THE SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE ELEVATIONS. IF THE ELEVATION PROVIDED BY THE ENGINEER VARIES GREATLY FROM THE ACTUAL ELEVATION FOUND BY THE CONTRACTOR THE CONTRACTOR IS TO NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN PROVIDE FURTHER DIRECTION.
- GRADE UNIFORMLY BETWEEN SPOT ELEVATIONS AND CONTOURS UNLESS NOTED OTHERWISE. IF ANY QUESTIONS ARISE ABOUT THE PROPOSED GRADING SHOWN ON PLANS CONTACT THE ENGINEER OF RECORD BEFORE FIELD GRADING.
- MAINTAIN DRAINAGE FROM ALL EXISTING ROOF DRAINS DURING CONSTRUCTION OF ALL PHASES. PROVIDE TEMPORARY MEASURES OF NEW PIPING, PUMPING, OR OTHER METHODS TO MAINTAIN DRAINAGE FROM ALL EXISTING ROOF DRAIN WHILE NEW PIPING SYSTEMS OUTFALLS ARE COMPLETED.
- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL STUDY REFERENCED IN PLAN SET. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER, REGISTERED WITHIN THE STATE WHERE THE WORK IS BEING PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOIL REPORT.
- ADS INJECTION MOLDED 45° REDUCER WYE (OR APP EQUIVALENT) FLOWABLE FILL TO BE PLACED AROUND EACH WYE CONNECTION. TYP.
- NOTIFY ENGINEER OF RECORD IF THERE ARE ANY CONFLICTS WITH UTILITY LINES OR IF ASSUMED INVERTS VARY, FOR FURTHER COORDINATION. SEWER AND WATERLINES TO HAVE 18" SEPARATION WITH WATER OVER SEWER. ALL OTHER UTILITIES TO HAVE 12" SEPARATION MIN. IF 12" SEPARATION CANNOT BE ACHIEVED UTILITIES TO HAVE FLOWABLE FILL BETWEEN THE UTILITY LINES 5' EACH WAY.
- CONTRACTOR IS RESPONSIBLE TO INFORM THE ENGINEER OF RECORD IF THE GRADES SHOWN ON THE SURVEY DO NOT MEET THE ACTUAL GRADES IN THE FIELD.
- ALL STRUCTURE LIDS WITHIN THE PROJECT LIMITS WILL NEED TO HAVE THEIR GRADE ADJUSTED. WATER VALVES, SEWER MANHOLES, STORM DRAIN INLETS OR CLEANOUT BOXES, AND OTHER SURFACE UTILITY ACCESSORIES SHALL BE RAISED AND SLOPED TO ACCURATE FINISH SURFACE BY A CONCRETE GRADE COLLAR IN PAVEMENT. COLLAR SHALL BE 12" WIDE AROUND THE UTILITY APPARATUS AND 8" MINIMUM THICKNESS. PLACE 2 #4 REBAR HOOPS IN COLLAR. CONCRETE COLLARS TO BE USED ONLY IN ASPHALT/CONCRETE/AND GRASS PAVEMENT AREAS.
- REFER TO ARCHITECTURAL AND LANDSCAPE PLANS FOR ALL INFORMATION ABOUT EXISTING AND PROPOSED TREES.
- REMOVE AND REPLACE ANY DAMAGED CURB, GUTTER, OR SIDEWALK ALONG FRONTAGE BEFORE FINAL INSPECTION.
- ALL GUTTERS TO SLOPE 0.5% MINIMUM TOWARDS CURB INLET BOX. CONTRACTOR TO NOTIFY ENGINEER OF RECORD IF THE PROPOSED GRADE DOES NOT MEET 0.5% SLOPE IN GUTTER.



THE CONTRACTOR TO SCHEDULE THE ENGINEER OF RECORD IN WRITING 3 DAYS MINIMUM BEFORE PLACEMENT OF CONCRETE CURBING, FLATWORK, OR ASPHALT PAVING. ALL AREAS MUST BE FORMED AND HAVE COMPACTED BASE COURSE IN PLACE FOR THE ENGINEER TO COMPLETE A RANDOM SPOT GRADE CHECK BEFORE ASPHALT AND CONCRETE CONSTRUCTION. THE RANDOM GRADE CHECKS ARE FOR GENERAL CONFORMANCE TO SLOPES AND GRADING SHOWN ON PLANS USING A SMART LEVEL. RANDOM CHECKS DO NOT ALLEVIATE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GRADING IS IN CONFORMANCE WITH PLANS AND SPECIFICATIONS AND SATISFY PERFORMANCE OF HIS WORK. WITHIN 2 DAYS OF THE RANDOM SPOT CHECK, RESULTS OF THE SPOT CHECKS AND AREAS OF NON COMPLIANCE WILL BE PROVIDED TO THE CONTRACTOR AND ARCHITECT.



D

E

<p>333 SOUTH PLEASANT GROVE SUITE 4750 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: JL</p> <p>CHECKED BY: NL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UT 84601</p> <p>OWNER: PROVO CITY SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: GRADING PLAN</p>	
<p>SHEET: CG400</p>	



MARK	REVISION	DATE

1

2

3

4

5

6

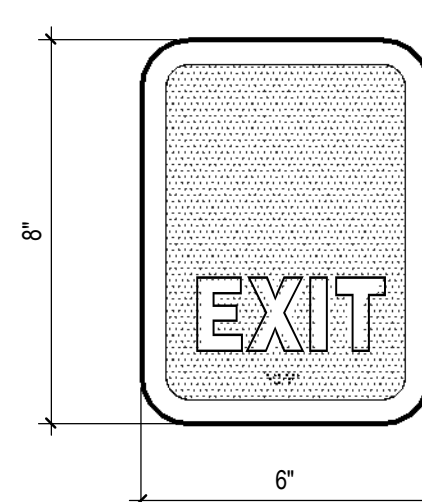
A

B

C

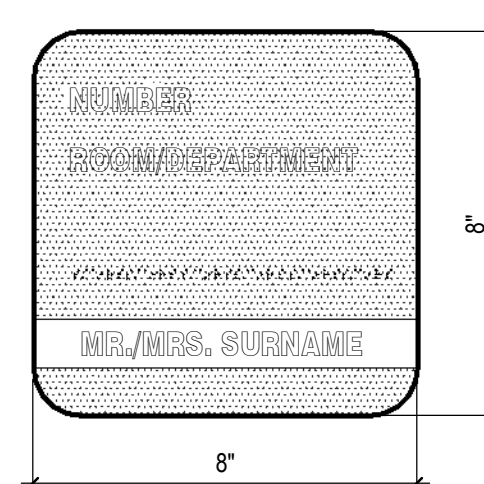
D

E



NOTE: ADA COMPLIANT SIGN WITH RADIUS CORNER AND RADIUS BORDER. RAISED COPY AND BRAILLE. MELAMINE PLASTIC WITH BACKGROUND COLOR TO BE SELECTED BY ARCHITECT.

5 ADA EXIT SIGN
A001 | SCALE: 3" = 1'-0"



NOTE: SIGN WITH RADIUS CORNER AND RADIUS BORDER. RAISED COPY AND BRAILLE. MELAMINE PLASTIC WITH BACKGROUND COLOR TO BE SELECTED BY ARCHITECT.

1 G002/B1 - TYPICAL ROOM SIGN
A001 | SCALE: 3" = 1'-0"

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>	
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2021 CURTIS MINER ARCHITECTURE, LLC.</p> <p></p> <p>3/1 JUN 2019</p>
<p>SHEET DESCRIPTION: ACCESSIBILITY COMPLIANCE</p>		<p>SHEET: A001</p>

MARK	REVISION	DATE

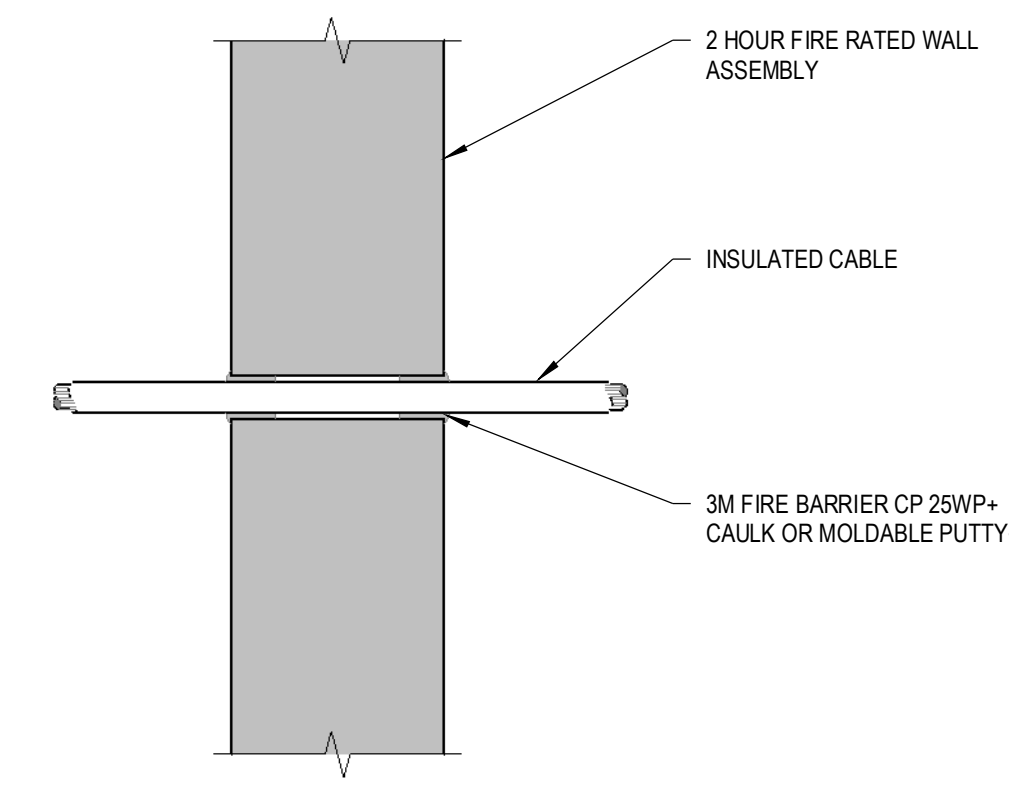
A

B

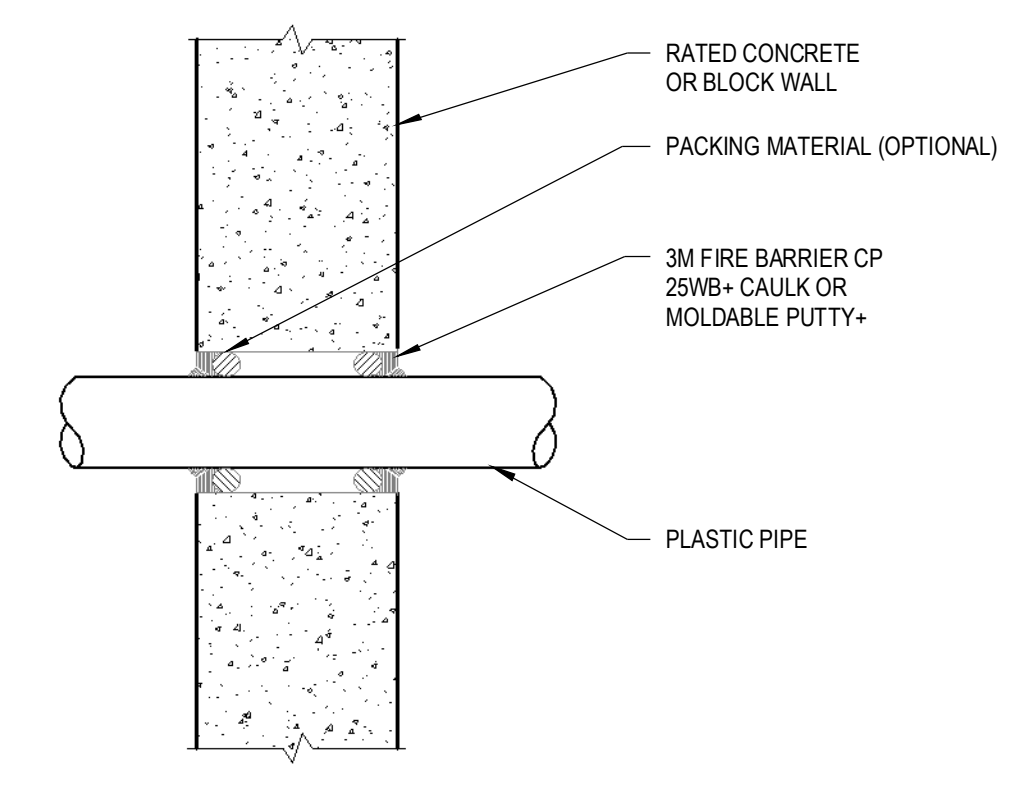
C

D

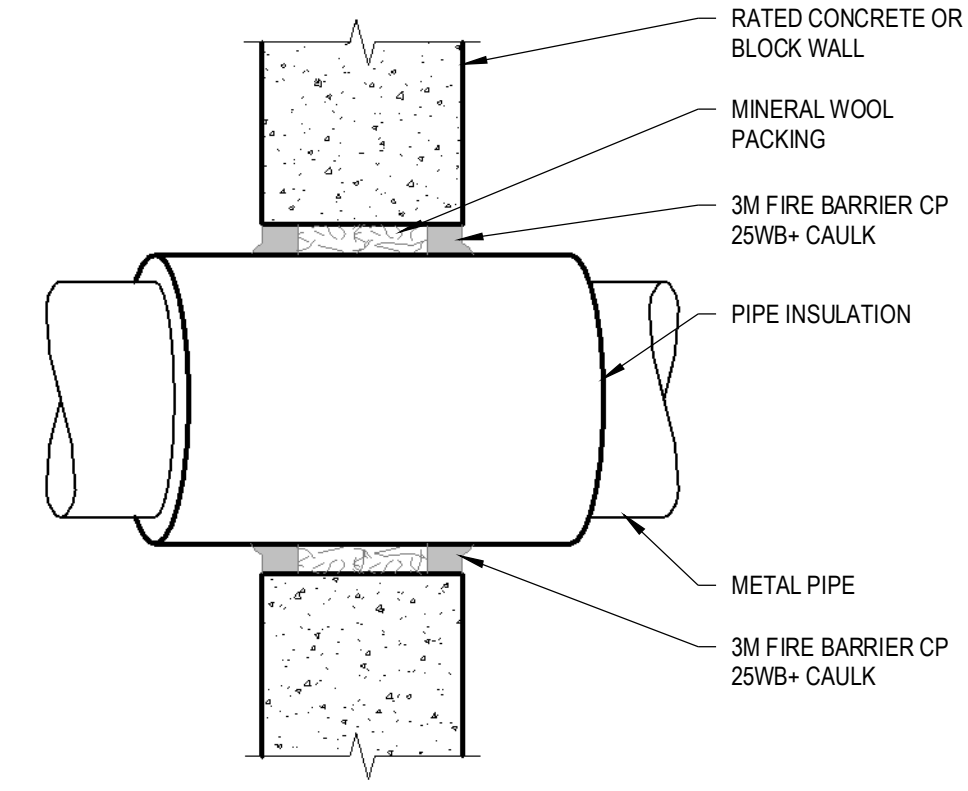
E



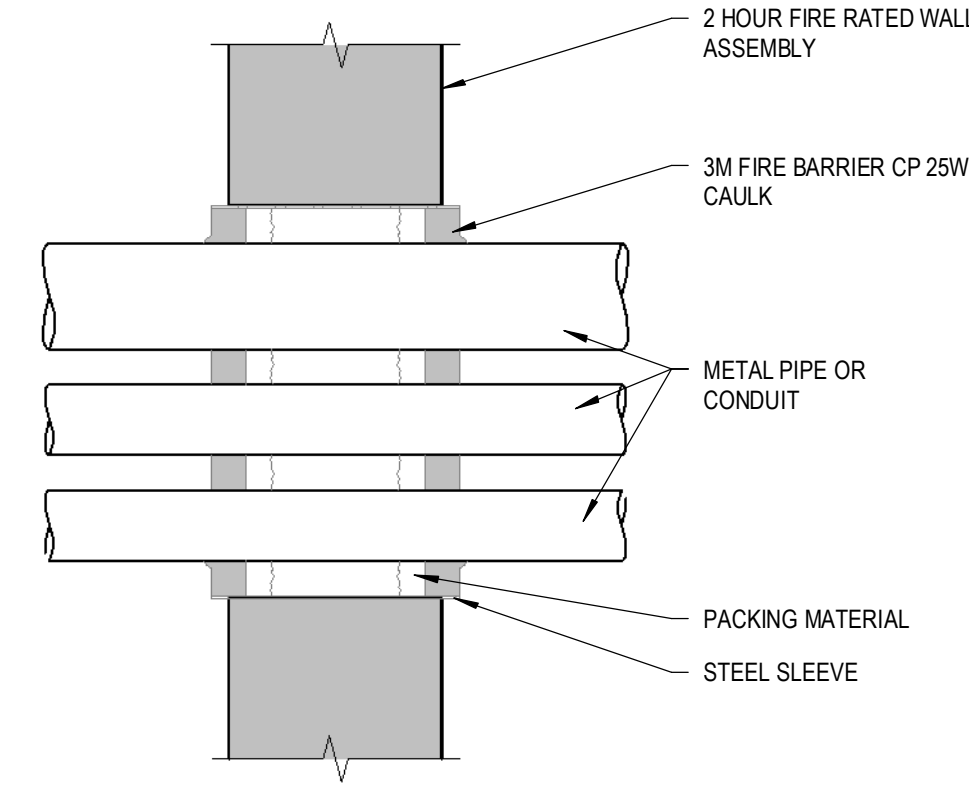
A5 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



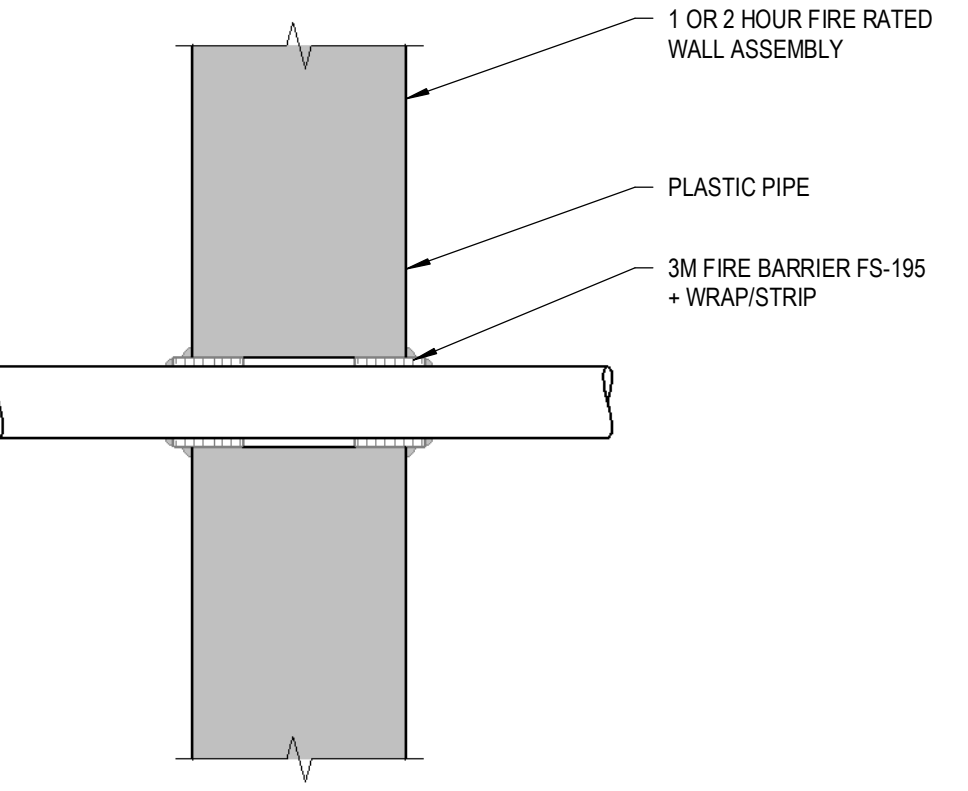
A6 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



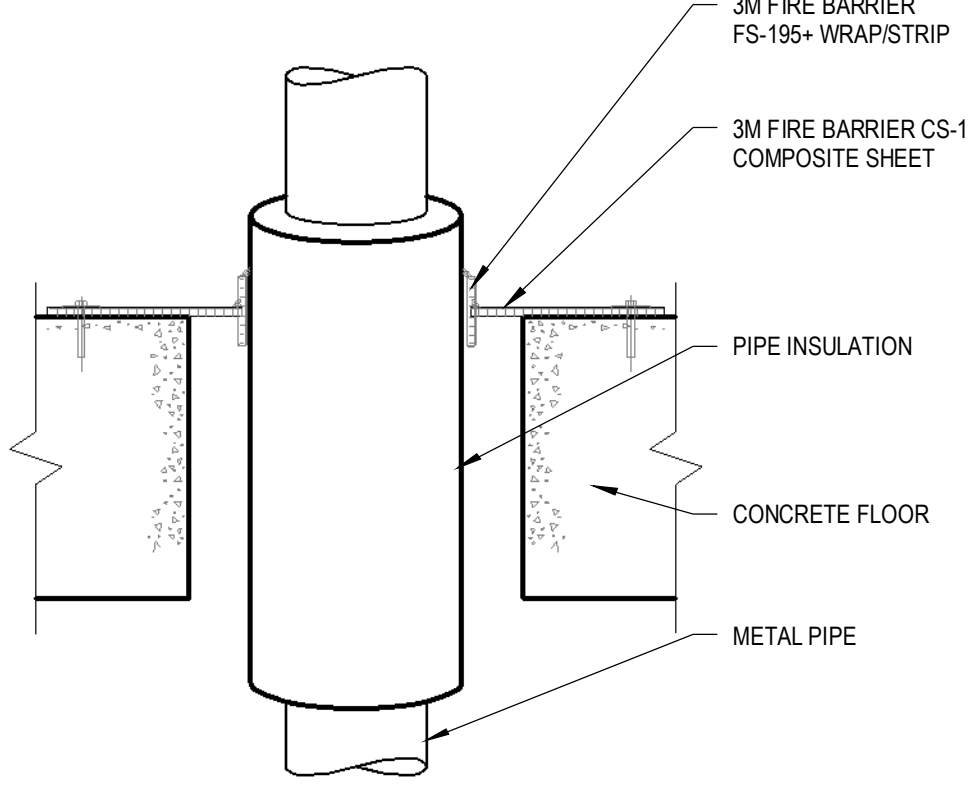
B4 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



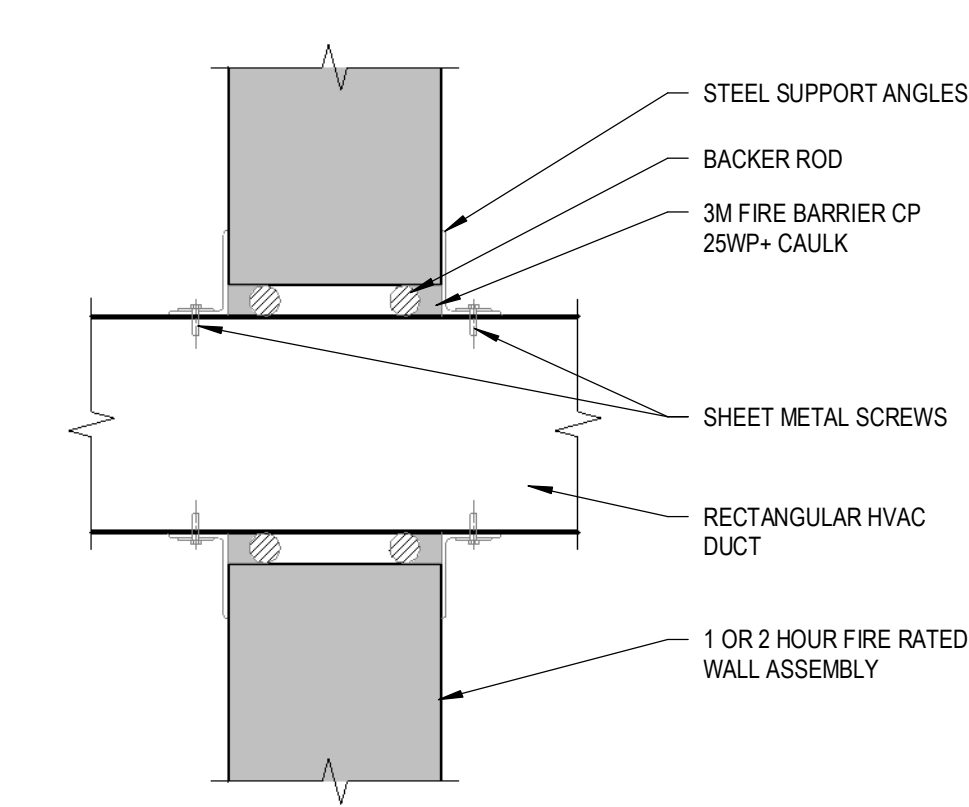
B5 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



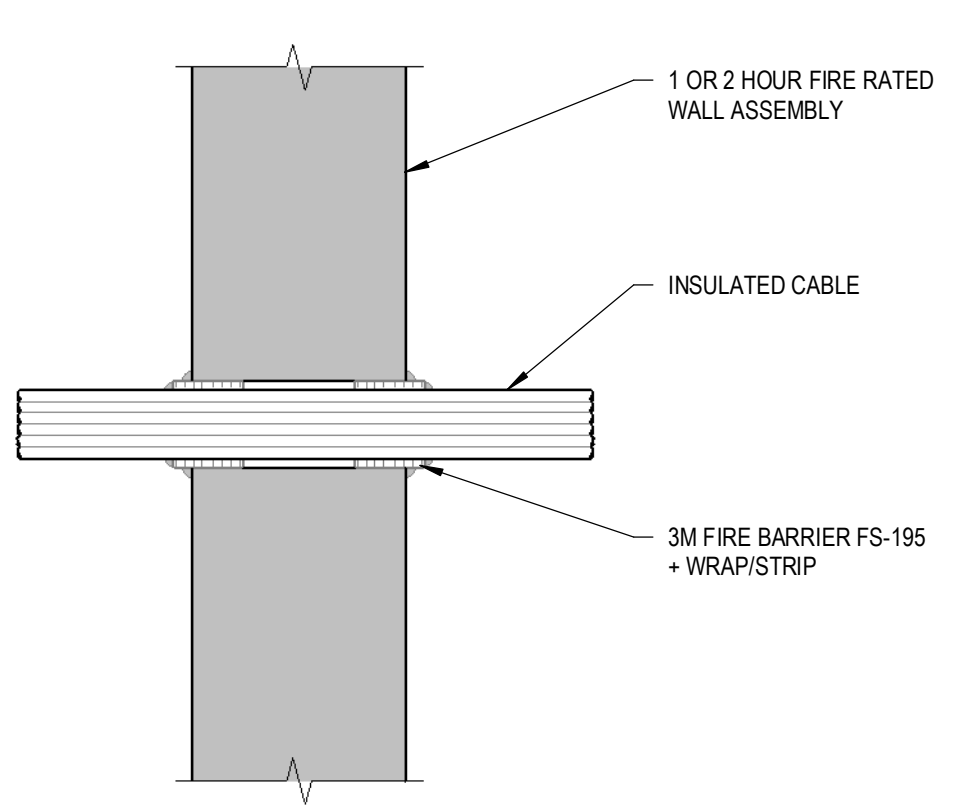
B6 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



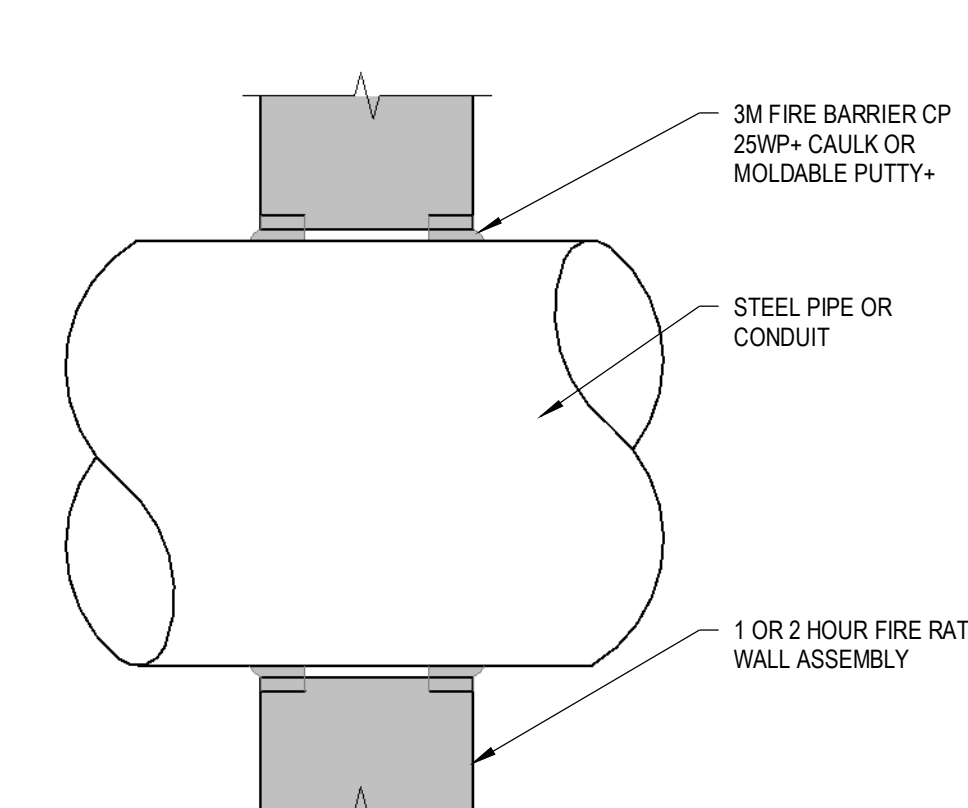
C4 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



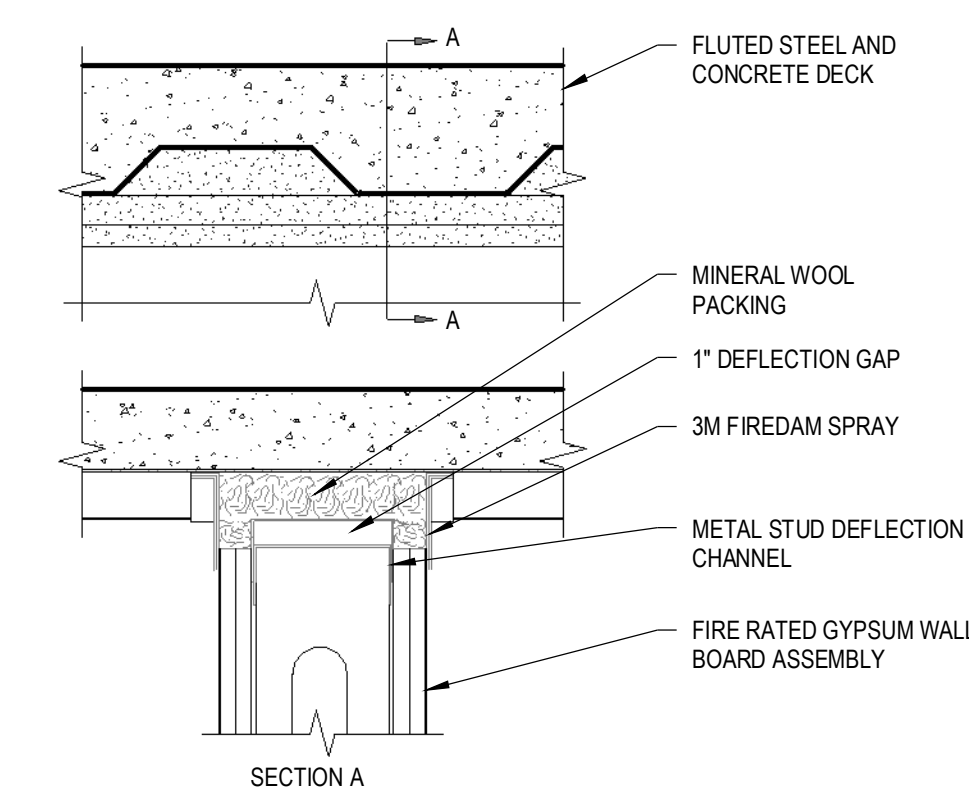
C5 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



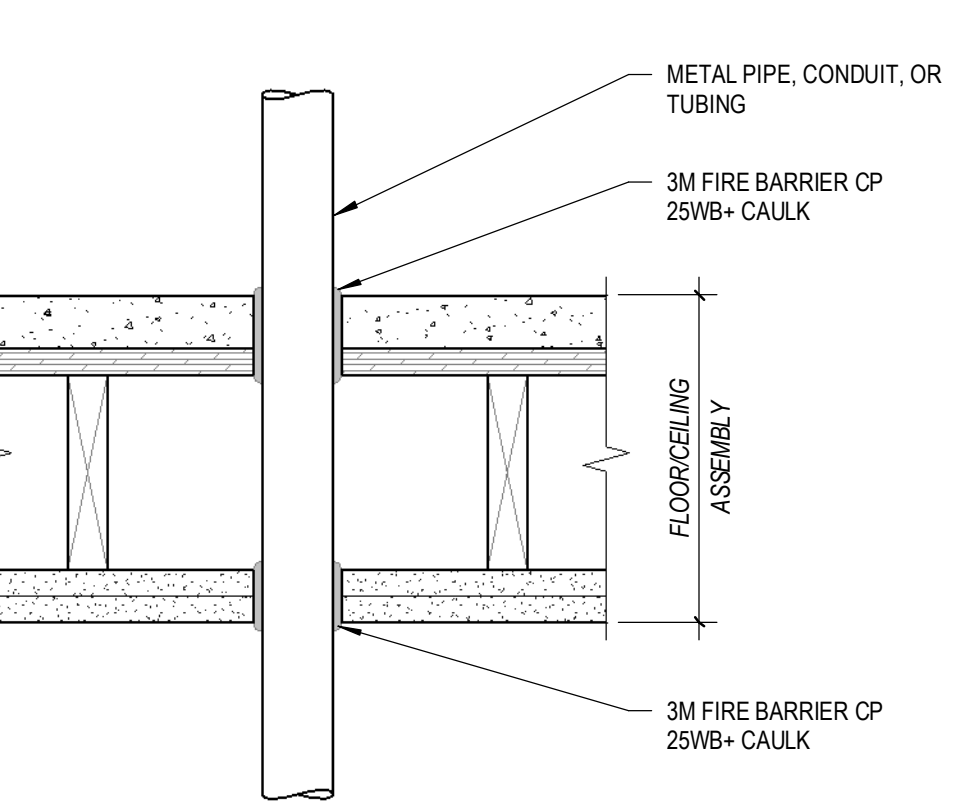
C6 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



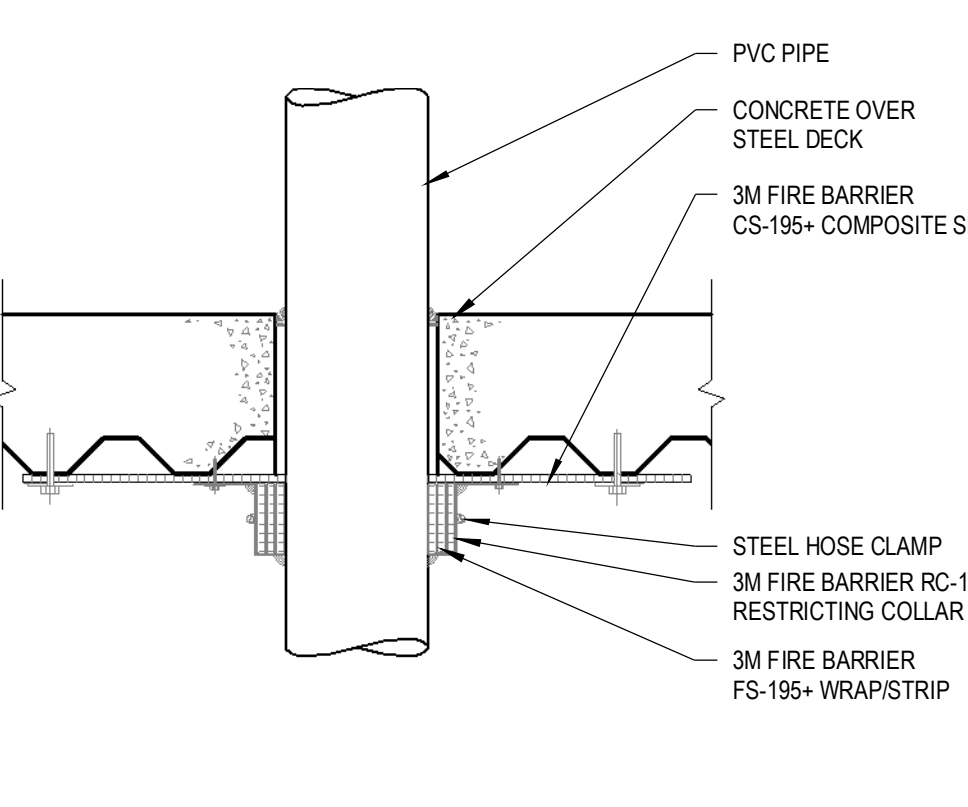
D4 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



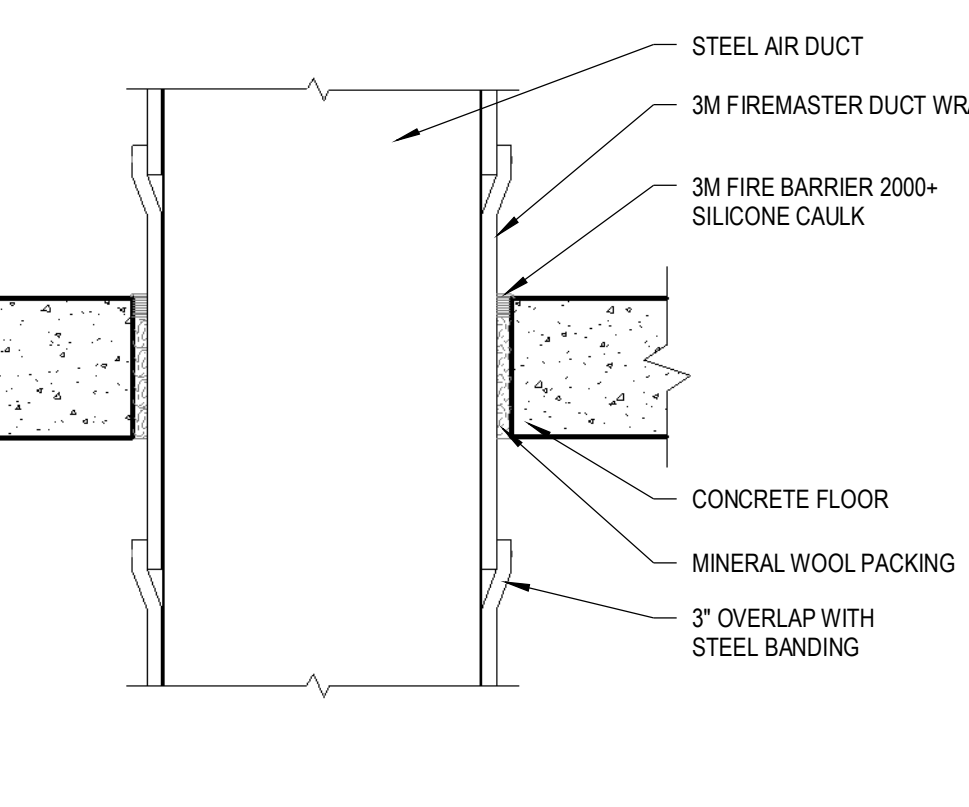
D5 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



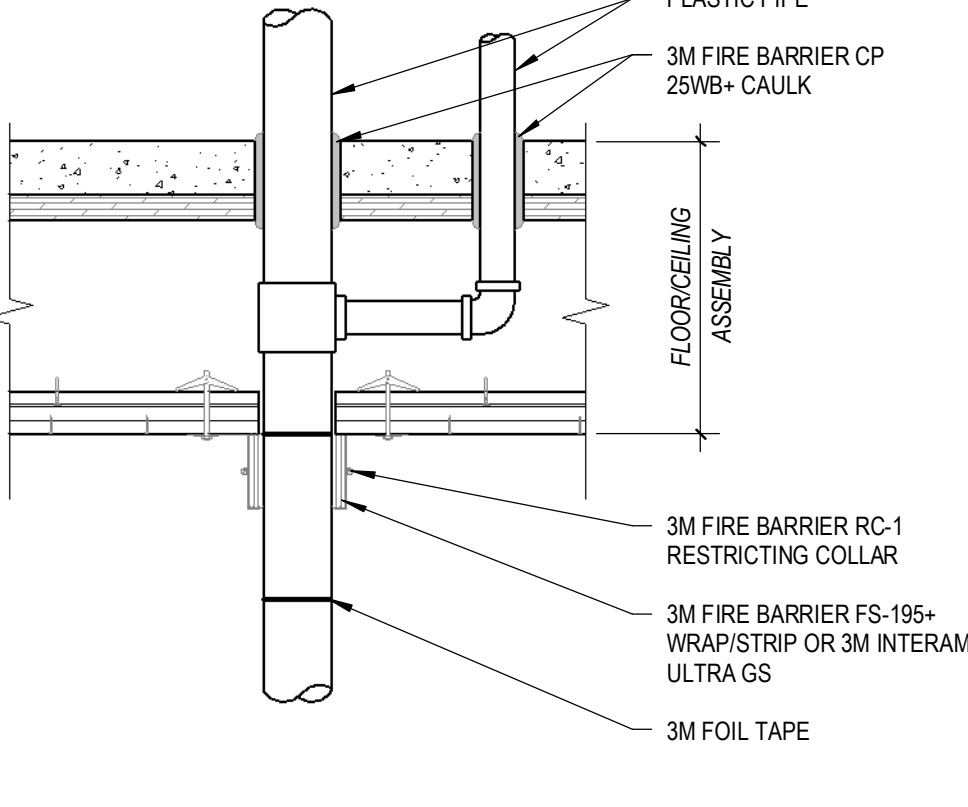
D6 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



E4 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



E5 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"



E6 FIRE PENETRATION
A002 | SCALE: 3/4" = 1'-0"

BIM 360/21-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt
12/23/2021 12:44:20 PM

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

CURTIS MINER ARCHITECTURE
333 SOUTH PLEASANT GROVE BLVD. SUITE #105
PLEASANT GROVE, UTAH 84042
PHONE: (801) 799-3000
cm@curtisminer.com

DATE: DECEMBER 23, 2021
PROJECT #: CMA 21-070
PROJ. MAN.: KJM
CHECKED BY: CLL

PROJECT: **PCSD TECHNOLOGY ADDITION & REMODEL**
PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601
OWNER: **Provo City School District**

THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2021 CURTIS MINER ARCHITECTURE, LLC

3/1 JUN 2019

SHEET DESCRIPTION: **FIRE PENETRATIONS AND JOINT DETAILS**

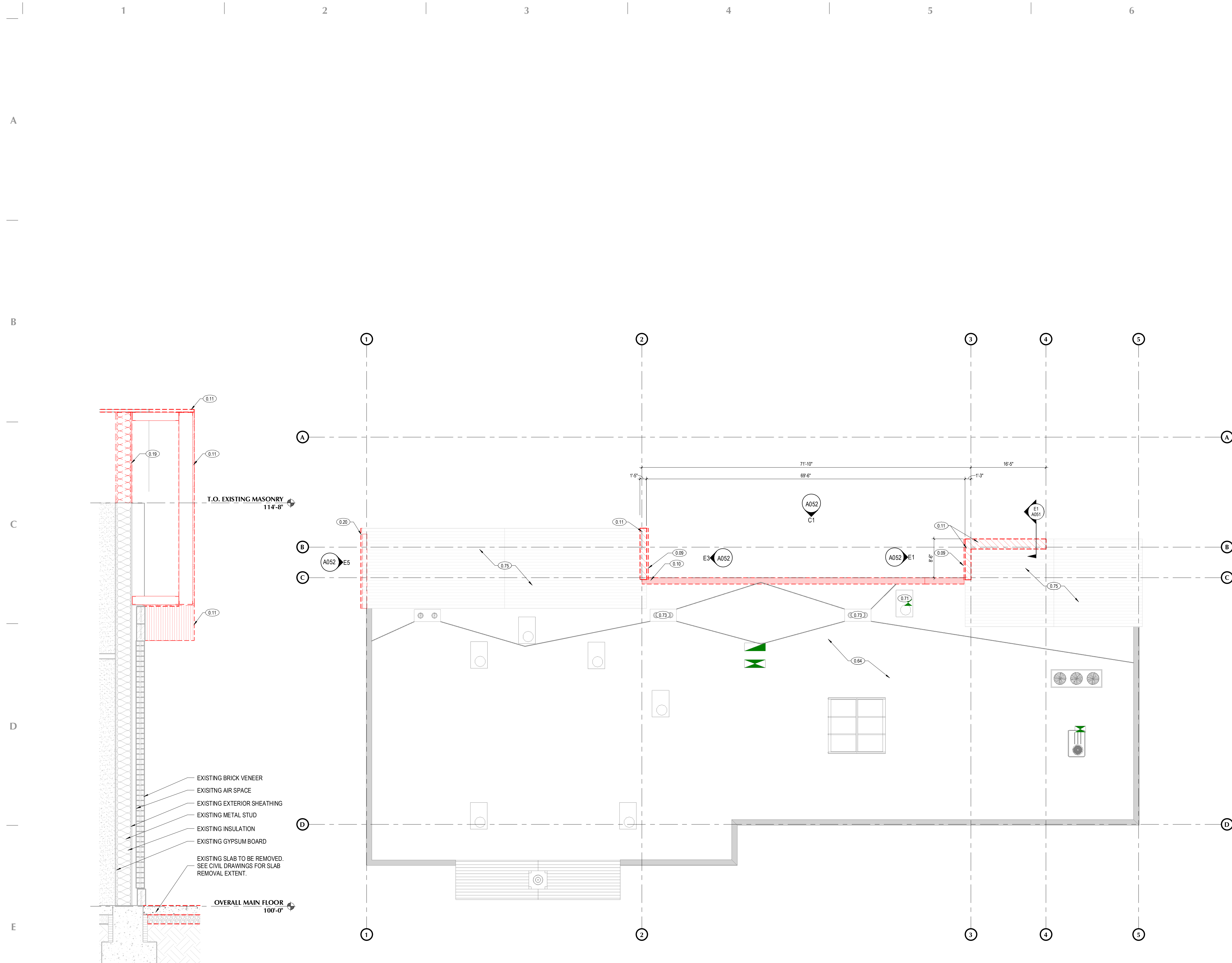
SHEET: **A002**

BID DOCUMENTS

MARK	REVISION	DATE

SHEET NOTES

- 0.09 EXISTING RAIN GUTTER AND DRAINAGE SYSTEM TO BE REMOVED.
- 0.10 EXISTING PARAPET CAP TO BE REMOVED. PREPARE FOR NEW ROOFING TIE-IN.
- 0.11 SECTION OF ROOF AND METAL SING TO BE REMOVED AND PREP FOR NEW ADDITION WALL. SURROUNDING ROOF AREA TO BE PROTECTED DURING CONSTRUCTION.
- 0.19 DEMO PORTION OF EXISTING WALL TO BE LEVEL WITH EXISTING PARAPET HEIGHT AND PREP FOR TIE-IN NEW WALL. PROTECT SURROUNDING AREA DURING CONSTRUCTION.
- 0.20 PORTION OF EXISTING STANDING SEAM FASCHA TO BE REMOVED FOR CONSTRUCTION OF NEW CANOPY BELOW. SEE ELEVATIONS.
- 0.64 EXISTING SINGLE-PLY ROOFING TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION.
- 0.71 EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- 0.73 EXISTING ROOF DRAINS TO REMAIN.
- 0.75 EXISTING STANDING SEAM METAL ROOF TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION.



GENERAL NOTES

- A. IT IS RECOMMENDED THAT ALL CONTRACTORS VISIT THE PROJECT SITE PRIOR TO SUBMITTING THEIR BIDS. IT SHALL BE THE RESPONSIBILITY OF EACH BIDDER TO UNDERSTAND THE FULL SCOPE OF THE DEMOLITION AND NEW CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR NOT FULLY UNDERSTANDING THE SCOPE OF THE PROJECT.
- B. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURES, DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- C. PRIOR TO STARTING DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS, BONDS, AND APPROVALS HAVE BEEN OBTAINED. ALL PERMIT AND BOND FEES ARE TO BE PAID BY THE OWNER.
- D. THE GENERAL CONTRACTOR IS TO REMAIN WITHIN THE CONTRACT LIMITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PATCH, REPLACE, AND REPAIR ALL EXISTING STRUCTURES, FIXTURES, CONCRETE SIDEWALKS, CURBS, GUTTERS, PAVED ASPHALT, AND SOD AFFECTED BY THE NEW CONSTRUCTION OUTSIDE OF THE CONTRACT LIMIT LINES DUE TO NEW CONSTRUCTION.
- E. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROTECT THE EXISTING ARCHITECTURAL, ELECTRICAL, PLUMBING AND MECHANICAL ITEMS DURING THE DEMOLITION PHASE. PATCH, REPLACE, AND REPAIR TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND OLD CONSTRUCTION.
- F. OWNER WILL OCCUPY SITE AND BUILDING DURING ENTIRE CONSTRUCTION PERIOD. COOPERATE WITH OWNER DURING CONSTRUCTION OPERATIONS TO MINIMIZE CONFLICTS AND FACILITATE OWNER USAGE. PERFORM WORK SO AS NOT TO INTERFERE WITH OWNERS DAY-TO-DAY OPERATIONS. MAINTAIN EXISTING EXITS UNLESS OTHERWISE INDICATED.
- G. THE OWNER RESERVES THE RIGHT TO REMOVE ANY SALVAGEABLE MATERIALS RESULTING FROM DEMOLITION WORK AND SITE CLEARING. REMAINING MATERIAL THEN BECOMES THE PROPERTY OF THE GENERAL CONTRACTOR TO BE PROPERLY DISPOSED OF.
- H. ALL STRUCTURAL FILL SHALL CONSIST OF IMPORTED GRANULAR SOIL (SEE GEOTECH REPORT). ON SITE SILT AND CLAY SOIL MAY NOT BE USED AS STRUCTURAL FILL. COORDINATE WITH GEOTECH AND STRUCTURAL SHEETS.
- I. FOR COMPLETE INFORMATION PERTAINING TO DEMOLITION, REFER TO INDIVIDUAL ENGINEERING PLANS.
- J. CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT ALL NEW FACILITIES DURING THE CONSTRUCTION PERIOD UNTIL THE DESIGN GRADE AND COVER HAVE BEEN REACHED AND WORK HAS BEEN ACCEPTED BY OWNER.
- K. CONTRACTOR TO PROVIDE DUST BARRIER, SAFETY BARRIER AND CONSTRUCTION SCHEDULE TO DISTRICT PRIOR TO CONSTRUCTION ACTIVITY IN THIS AREA.
- L. A STAGING PLAN WILL NEED TO BE PROVIDED TO THE SCHOOL DISTRICT AND STATE FIRE MARSHAL FOR APPROVAL PRIOR TO CONSTRUCTION. STAGING PLAN WILL INCLUDE A SCHEDULE OF TEMPORARY FENCING, SITE ACCESS AND DELIVERY OF ALL MATERIALS, ETC.
- M.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>CURTIS MINER ARCHITECTURE</p> <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #115 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: DEMOLITION ROOF PLAN</p>	
<p>SHEET: A051</p>	

E1 DEMOLITION WALL SECTION
A051 | SCALE: 3/4" = 1'-0"

DEMOLITION ROOF PLAN
A051 | SCALE: 1/8" = 1'-0"

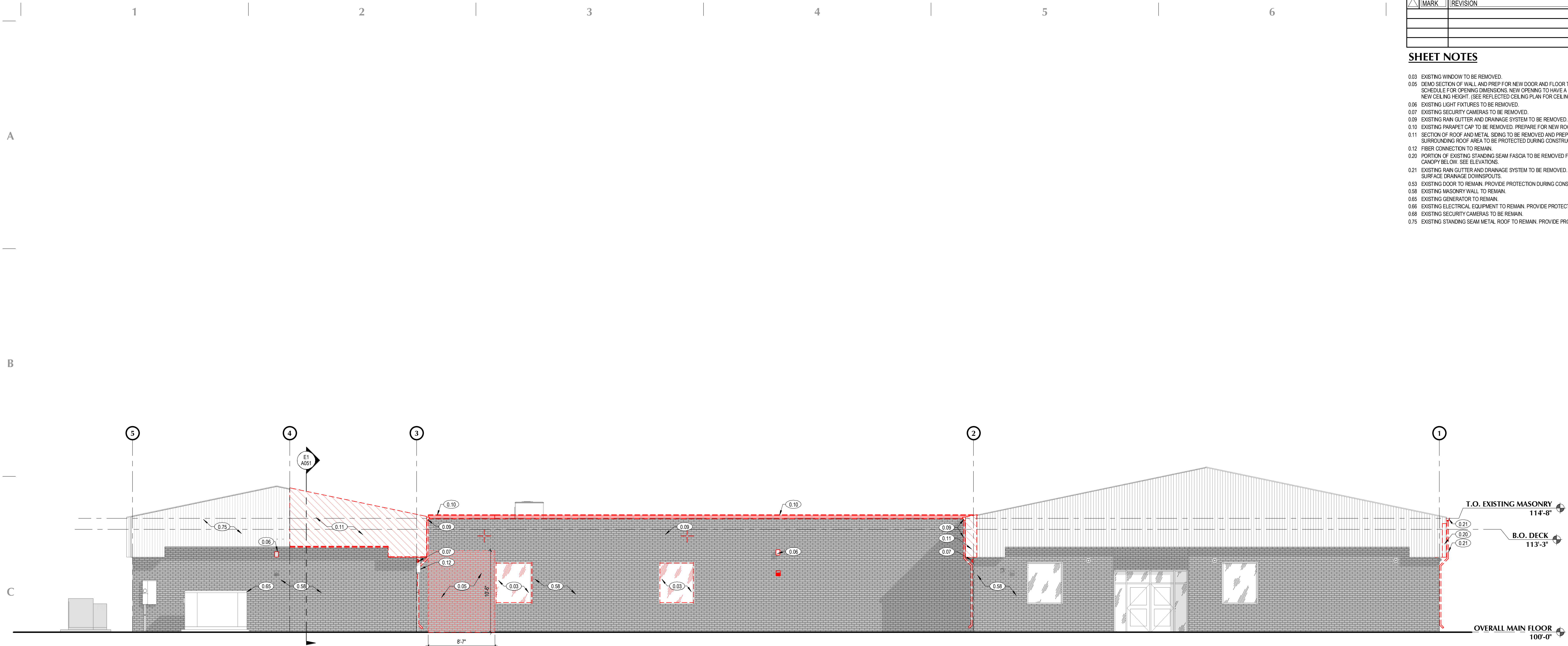
BIM 360/121-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt 12/23/2021 12:44:28 PM

BID DOCUMENTS

MARK	REVISION	DATE

SHEET NOTES

- 0.03 EXISTING WINDOW TO BE REMOVED.
- 0.05 DEMO SECTION OF WALL AND PREP FOR NEW DOOR AND FLOOR TRANSITION. REFER TO DOOR SCHEDULE FOR OPENING DIMENSIONS. NEW OPENING TO HAVE A HEIGHT OF MINIMUM 6' ABOVE THE NEW CEILING HEIGHT. (SEE REFLECTED CEILING PLAN FOR CEILING TYPE AND HIGHT.)
- 0.06 EXISTING LIGHT FIXTURES TO BE REMOVED.
- 0.07 EXISTING SECURITY CAMERAS TO BE REMOVED.
- 0.09 EXISTING RAIN GUTTER AND DRAINAGE SYSTEM TO BE REMOVED.
- 0.10 EXISTING PARAPET CAP TO BE REMOVED. PREPARE FOR NEW ROOFING TIE-IN.
- 0.11 SECTION OF ROOF AND METAL SIDING TO BE REMOVED AND PREP FOR NEW ADDITION WALL. SURROUNDING ROOF AREA TO BE PROTECTED DURING CONSTRUCTION.
- 0.12 FIBER CONNECTION TO REMAIN.
- 0.20 PORTION OF EXISTING STANDING SEAM FASCIA TO BE REMOVED FOR CONSTRUCTION OF NEW CANOPY BELOW. SEE ELEVATIONS.
- 0.21 EXISTING RAIN GUTTER AND DRAINAGE SYSTEM TO BE REMOVED. PROVIDE NEW GUTTERS AND SURFACE DRAINAGE DOWNSPOUTS.
- 0.53 EXISTING DOOR TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION.
- 0.58 EXISTING MASONRY WALL TO REMAIN.
- 0.65 EXISTING GENERATOR TO REMAIN.
- 0.66 EXISTING ELECTRICAL EQUIPMENT TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION.
- 0.68 EXISTING SECURITY CAMERAS TO BE REMAIN.
- 0.75 EXISTING STANDING SEAM METAL ROOF TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION.



C1 EAST DEMOLITION ELEVATION
A052 | SCALE: 3/16" = 1'-0"

GENERAL NOTES

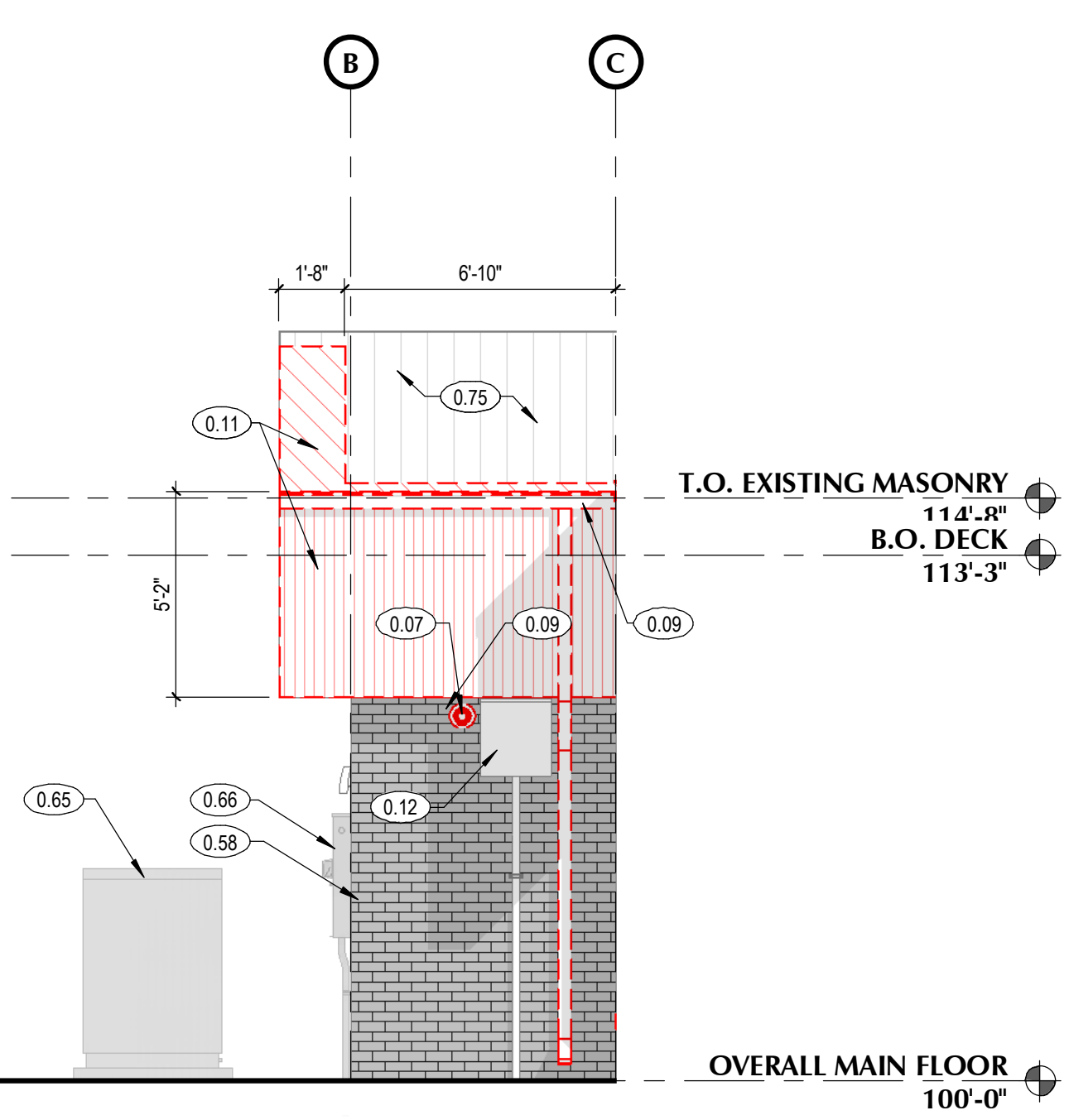
- A. IT IS RECOMMENDED THAT ALL CONTRACTORS VISIT THE PROJECT SITE PRIOR TO SUBMITTING THEIR BIDS. IT SHALL BE THE RESPONSIBILITY OF EACH BIDDER TO UNDERSTAND THE FULL SCOPE OF THE DEMOLITION AND NEW CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR NOT FULLY UNDERSTANDING THE SCOPE OF THE PROJECT.
- B. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURES, DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- C. PRIOR TO STARTING DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS, BONDS, AND APPROVALS HAVE BEEN OBTAINED. ALL PERMIT AND BOND FEES ARE TO BE PAID BY THE OWNER.
- D. THE GENERAL CONTRACTOR IS TO REMAIN WITHIN THE CONTRACT LIMITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PATCH, REPLACE, AND REPAIR ALL EXISTING STRUCTURES, FIXTURES, CONCRETE SIDEWALKS, CURBS, GUTTERS, PAVED ASPHALT, AND SOD AFFECTED BY THE NEW CONSTRUCTION OUTSIDE OF THE CONTRACT LIMIT LINES DUE TO NEW CONSTRUCTION.
- E. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROTECT THE EXISTING ARCHITECTURAL, ELECTRICAL, PLUMBING AND MECHANICAL ITEMS DURING THE DEMOLITION PHASE. PATCH, REPLACE, AND REPAIR TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND OLD CONSTRUCTION.
- F. OWNER WILL OCCUPY SITE AND BUILDING DURING ENTIRE CONSTRUCTION PERIOD. COOPERATE WITH OWNER DURING CONSTRUCTION OPERATIONS TO MINIMIZE CONFLICTS AND FACILITATE OWNER USAGE. PERFORM WORK SO AS NOT TO INTERFERE WITH OWNERS DAY-TO-DAY OPERATIONS. MAINTAIN EXISTING EXITS UNLESS OTHERWISE INDICATED.
- G. THE OWNER RESERVES THE RIGHT TO REMOVE ANY SALVAGEABLE MATERIALS RESULTING FROM DEMOLITION WORK AND SITE CLEARING. REMAINING MATERIAL THEN BECOMES THE PROPERTY OF THE GENERAL CONTRACTOR TO BE PROPERLY DISPOSED OF.
- H. ALL STRUCTURAL FILL SHALL CONSIST OF IMPORTED GRANULAR SOIL (SEE GEOTECH REPORT). ON SITE SILT AND CLAY SOIL MAY NOT BE USED AS STRUCTURAL FILL. COORDINATE WITH GEOTECH AND STRUCTURAL SHEETS FOR COMPLETE INFORMATION PERTAINING TO DEMOLITION. REFER TO INDIVIDUAL ENGINEERING PLANS.
- I. CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT ALL NEW FACILITIES DURING THE CONSTRUCTION PERIOD UNTIL THE DESIGN GRADE AND COVER HAVE BEEN REACHED AND WORK HAS BEEN ACCEPTED BY OWNER.
- J. CONTRACTOR TO PROVIDE DUST BARRIER, SAFETY BARRIER AND CONSTRUCTION SCHEDULE TO DISTRICT PRIOR TO CONSTRUCTION ACTIVITY IN THIS AREA.
- K. A STAGING PLAN WILL NEED TO BE PROVIDED TO THE SCHOOL DISTRICT AND STATE FIRE MARSHAL FOR APPROVAL PRIOR TO CONSTRUCTION. STAGING PLAN WILL INCLUDE A SCHEDULE OF TEMPORARY FENCING, SITE ACCESS AND DELIVERY OF ALL MATERIALS, ETC.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

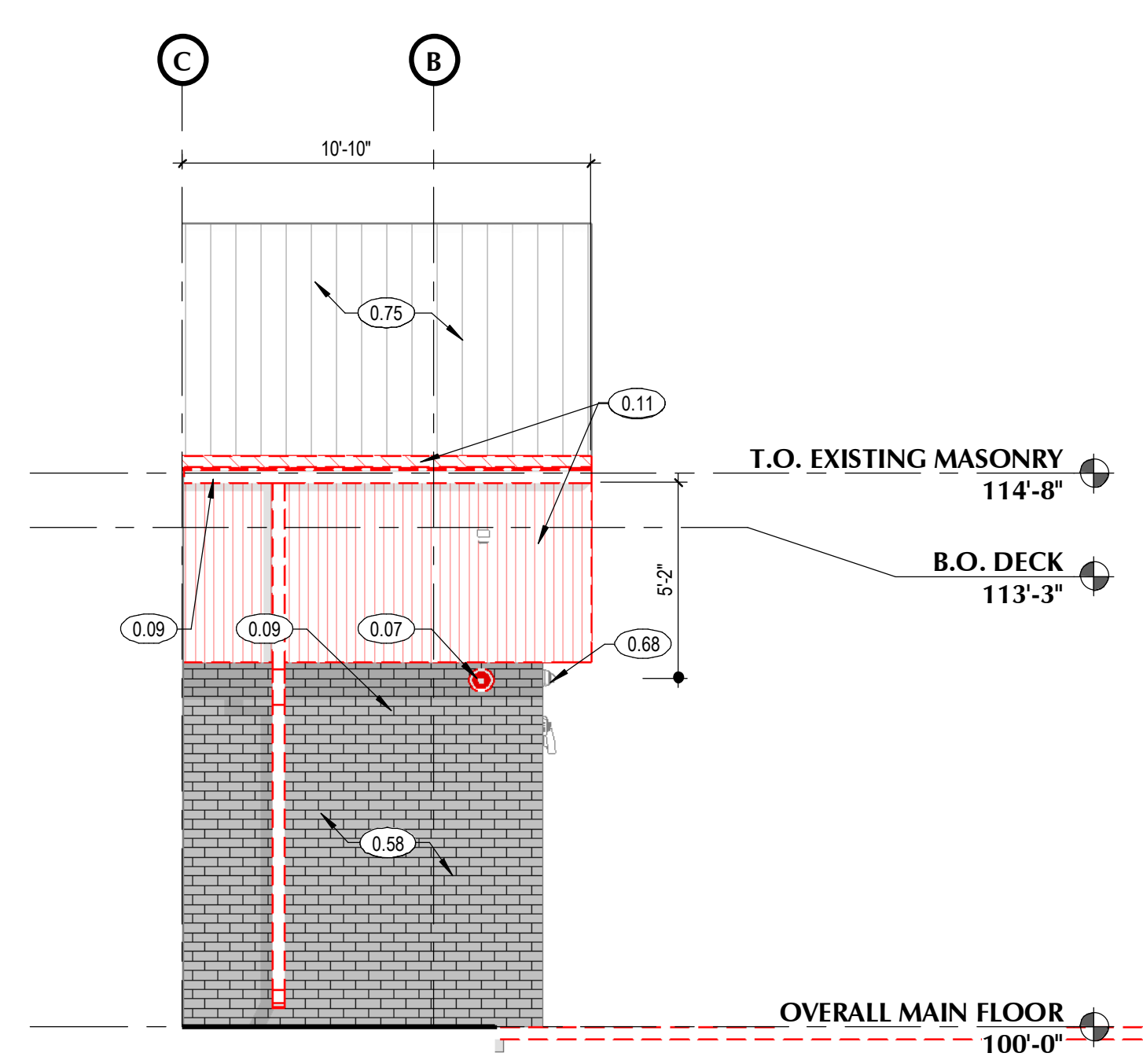
<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #115 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 799-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>

SHEET DESCRIPTION: **DEMOLITION EXTERIOR ELEVATIONS**

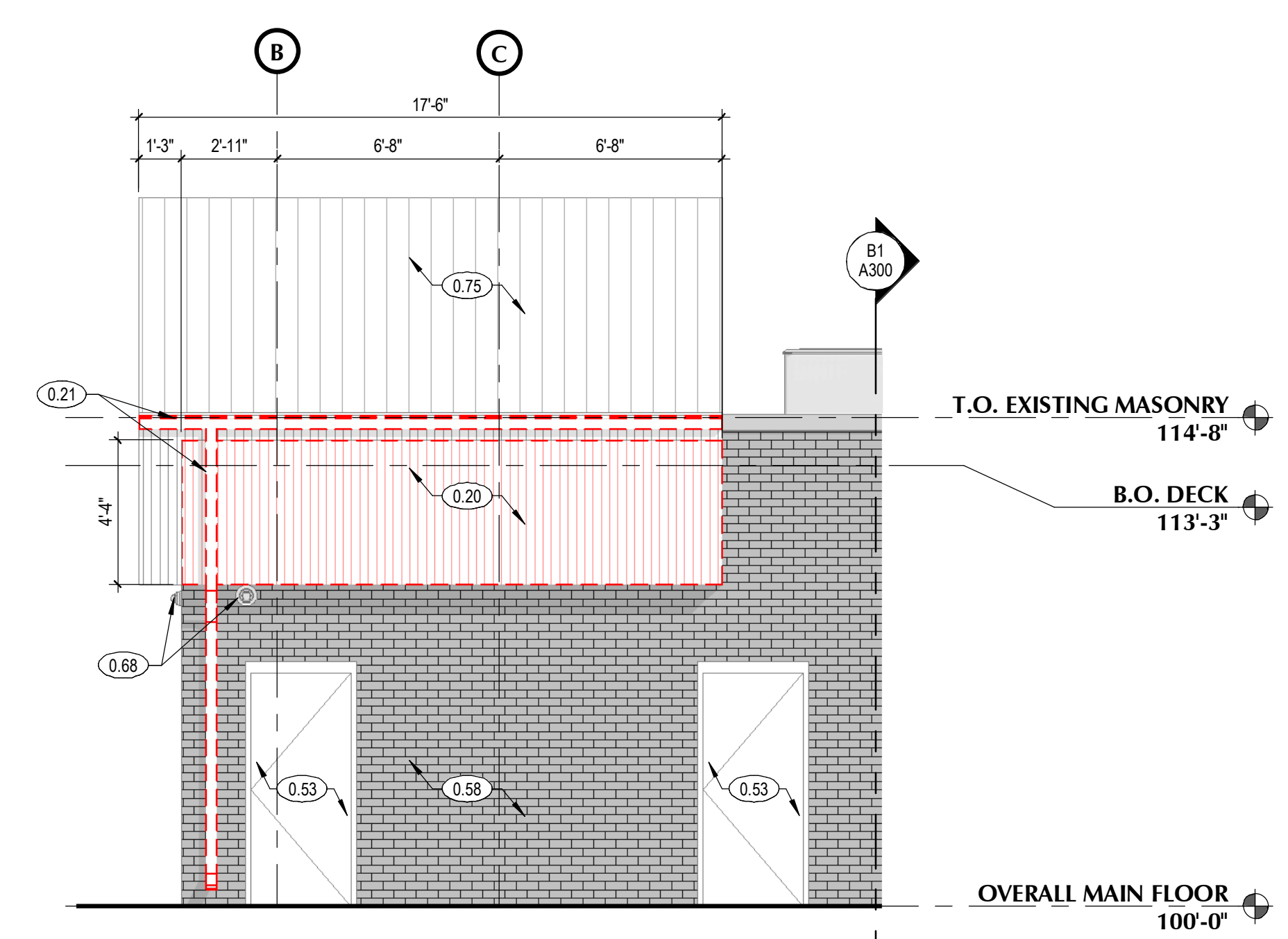
SHEET: **A052**



E1 GRID 3 DEMO ELEV.
A052 | SCALE: 1/4" = 1'-0"



E3 GRID 2 DEMO ELEV.
A052 | SCALE: 1/4" = 1'-0"



E5 GRID 1 DEMO ELEV.
A052 | SCALE: 1/4" = 1'-0"

BIM 360/121-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt
12/23/2021 12:44:32 PM

BID DOCUMENTS

MARK	REVISION	DATE

SHEET NOTES

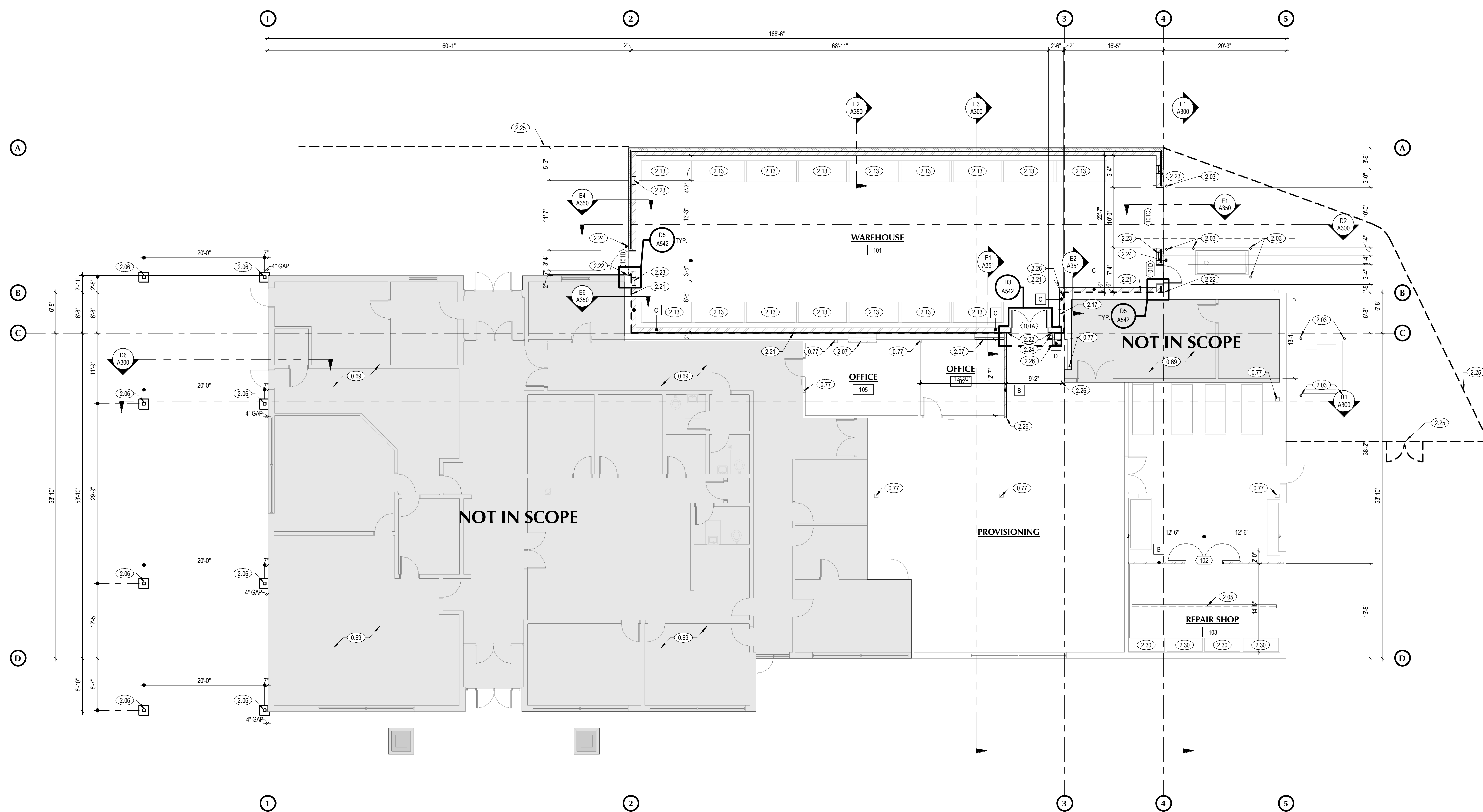
- 0.69 SHADDED AREA INDICATES AREA NOT INCLUDED IN SCOPE. AREA TO BE PROTECTED DURING CONSTRUCTION AND REPAIRED AS NEEDED.
- 0.77 EXISTING STRUCTURAL COLUMNS TO REMAIN.
- 2.03 NEW BOLLARDS TO INSTALLED AROUND EXISTING ELECTRICAL EQUIPMENT. SEE DETAILS AND SPECIFICATIONS.
- 2.05 NEW SURSPANNED MOTORIZED HOIST AND TRACK SYSTEM FOR T.V. SEE DETAILS AND SPECIFICATIONS.
- 2.06 NEW PAINTED EXPOSED STRUCTURAL COLUMNS. SEE STRUCTURAL. PRIME AND PAINT PER SPECS. AND NEW CONSTRUCTION.
- 2.07 INFILL EXISTING WINDOW TO MATCH EXISTING WALL. CREATE A SMOOTH TRANSITION BETWEEN OLD AND NEW CONSTRUCTION.
- 2.13 NEW WAREHOUSE SHELVING 3'-6" X 8'-0" (SHELVES). COORDINATE FINAL LOCATION WITH OWNER.
- 2.17 NEW ACCESS PANEL FOR FIBER PANEL ACCESS. COORDINATE WITH ELECTRICAL.
- 2.21 CONTINUOUS 2" EXPANSION JOINT. PROVIDE COVER PLATES AND EXPANSION GASKETS AT ALL ROOF AND WALL CONDITIONS. SEE DETAILS.
- 2.22 EXPANSION COVER PLATE.
- 2.23 NEW STEEL STRUCTURE. SEE STRUCTURAL SHEETS.
- 2.24 NEW CARD READER.
- 2.25 NEW CONCRETE ACCESS AND CHAIN LINK FENCE WITH GATE. SEE CIVIL.
- 2.26 2"X2"X8" STAINLESS STEEL CORNER GUARD. SEE DETAILS.
- 2.30 RELOCATED EXISTING DESKS. COORDINATE FINAL LOCATION WITH OWNER.

WALL TYPE LEGEND

A		<p>WALL TYPE A</p> <p>FROM EXTERIOR TO INTERIOR</p> <ol style="list-style-type: none"> 4" VENEER BRICK 1/2" AIR GAP W/ WEATHER BARRIER 2" RIGID INSULATION 5/8" FIBERGLASS SHEATHING 8" METAL STUD R-19 INSULATION 5/8" TYPE "X" GYPSUM BOARD
B		<p>WALL TYPE B</p> <p>FROM EXTERIOR TO INTERIOR</p> <ol style="list-style-type: none"> 5/8" TYPE "X" GYPSUM BOARD 3/8" METAL STUD SOUND ATTENUATION BATT 5/8" TYPE "X" GYPSUM BOARD
C		<p>WALL TYPE C</p> <p>FROM EXTERIOR TO INTERIOR</p> <ol style="list-style-type: none"> 5/8" TYPE "X" GYPSUM BOARD 8" METAL STUD SOUND ATTENUATION BATT
D		<p>WALL TYPE D</p> <p>FROM EXTERIOR TO INTERIOR</p> <ol style="list-style-type: none"> 5/8" TYPE "X" GYPSUM BOARD 3/8" METAL STUD SOUND ATTENUATION BATT

GENERAL NOTES

- A. WALL TYPES DO NOT ADDRESS TILE LOCATIONS. SEE INTERIOR ELEVATIONS FOR TILE LOCATIONS. GYPSUM BOARD IN RESTROOMS AND BEHIND ALL TILE SHALL BE 5/8" TYPE "X" AND RATED AS CODE COMPLIANT TILE BACKER (GERRISA PACIFIC DENSHELD OR EQUAL).
- B. ALL COMPONENTS NOTED AS AIR BARRIERS SHALL MEET THE REQUIREMENTS OF ASTM E 2878, ASTM E 1677, ASTM E 283 OR E 1680 AND COMPLY WITH SECTION 5.4.3.2 ASHRAE 90.1 2013 OR IECC 2015 AS FOLLOWS. THE FOLLOWING AREAS OF THE CONTINUOUS AIR BARRIER IN THE BUILDING ENVELOPE SHALL BE WRAPPED, SEALED, CAULKED, GASKETED, OR TAPED IN AN APPROVED MANNER TO MINIMIZE AIR LEAKAGE:
 - a. JOINTS AROUND FENESTRATION AND DOOR FRAMES (BOTH MANUFACTURED AND SITE-BUILT).
 - b. JUNCTIONS BETWEEN WALLS AND FLOORS, BETWEEN WALLS AT BUILDING CORNERS, BETWEEN WALLS AND ROOFS OR CEILINGS.
 - c. PENETRATIONS THROUGH THE AIR BARRIER IN BUILDING ENVELOPE ROOFS, WALLS, AND FLOORS.
 - d. BUILDING ASSEMBLIES USED AS DUCTS OR PLENUMS.
 - e. JOINTS, SEAMS, CONNECTIONS BETWEEN PLANES, AND OTHER CHANGES IN AIR BARRIER MATERIALS.
- C. EXTEND WALLS TO UNDERSIDE OF DECK ABOVE UNLESS OTHERWISE NOTED. CONTRACTORS OPTION TO FILL METAL DECK VOIDS WITH MINERAL WOOL INSULATION OR FIELD OUT GYP. BOARD INTO FLUTES, INCLUDING MANSIONARY WALLS.
- D. MASON SHALL USE STANDARD GRAY BLOCK COLOR WHERE BLOCK IS NOT VISIBLE ON EITHER SIDE OF WALL, OR ABOVE CEILING UNLESS OTHERWISE NOTED.
- E. PROVIDE 5/8" IMPACT RESISTANT GYP. BD. 1/8" 4" MIN. ABOVE FINISH FLOOR. TYPICAL @ STUD & FURRED & GULLED GYPSUM BOARD.
- F. PROVIDE PERLITE INSULATION IN ALL UNROUTED CELLS OF MASONRY WALLS TYPICAL.
- G. FOR EXTERIOR WALL TYPES & CONSTRUCTION SEE FLOOR PLAN CALLOUTS AND SECTIONS.
- H. SEE FURNISHING PLANS FOR EXTENT OF FINISHES.



GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. COORDINATE INSTALLATIONS OF ALL "AFTER CONTRACT" ASSEMBLIES WITH OWNER PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
- C. PROVIDE 18" MINIMUM CLEAR FLOOR SPACE AT PULL SIDE OF ALL DOORS. PROVIDE 12" MINIMUM CLEAR FLOOR SPACE AT PUSH SIDE OF ALL DOORS.
- D. FOR ALL METAL STUD WALLS THAT EXTEND TO BOTTOM OF ROOF DECK & WHERE METAL STUD WALLS CUT PERPENDICULAR THROUGH ROOF TRUSSES. SEE DETAILS.
- E. WALLS TO EXTEND TO BOTTOM OF ROOF DECK ABOVE UNLESS OTHERWISE NOTED. REFER TO STRUCTURAL SHEETS FOR EXACT LOCATIONS OF BEARING WALLS.
- F. FILL VOIDS BETWEEN SEPARATION WALLS AND ROOF DECK WITH FIRE DAM SPRAY INSULATION. SEE SPECS.
- G. CONCRETE FOUNDATION WALLS RETAINING EARTH TO RECEIVE TWO COATS OF BITUMINOUS DAMP PROOFING MATERIAL.
- H. FOR CLARITY, ONLY THE MILLWORK WITH PLUMBING FIXTURES IS SHOWN ON FLOOR PLANS. SEE FURNISHINGS AND INTERIOR ELEVATION PLANS FOR FULL EXTENT OF MILLWORK BASES, AND COUNTERTOPS.
- J. DEPRESS SLAB AT ALL DRINKING FOUNTAINS, KITCHEN, RESTROOMS FOR THICK SET TILE BEDS AND SLOPE. SEE STRUCTURAL.
- K. GENERAL CONTRACTOR SHALL REVIEW AND APPROVE ALL APPLIANCES WITH OWNER PRIOR TO PURCHASING EQUIPMENT AND FABRICATING MILLWORK.
- L. PROVIDE BACKING/BLOCKING FOR WALL MOUNTED ITEMS INCLUDING GRAB BARS, HANDRAILS, SIGNAGE AND EQUIPMENT AS REQUIRED.
- M. TILE IS TO BE SET OVER GEMENTIOUS BACKER BOARD UNDERLAMENT. RECESS SLAB ASIF REQUIRED. VERIFY WITH OWNER.
- N. SEE STRUCTURAL DRAWINGS FOR LOCATION OF DEPRESSED SLABS.
- P. PROVIDE 1" RADIUS BOLLARDS AT ALL MASONRY WALL CORNERS. BASE COURSE OF MASONRY TO REMAIN SQUARE FOR WALL BASE INSTALLATION.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>CURTIS MINER ARCHITECTURE</p>	<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #115 PLEASANT GROVE, UTAH 84042</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
	<p>PHONE: (801) 799-3000 email@curtisminer.com</p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2021 CURTIS MINER ARCHITECTURE, LLC</p>

<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p>	<p>OWNER: Provo City School District</p>	<p>DATE: 03 Dec 2021</p>
---	---	--------------------------

<p>SHEET DESCRIPTION: FLOOR PLAN</p>	<p>SHEET: A101</p>
---	-------------------------------

MAIN LEVEL FLOOR PLAN
A101 | SCALE: 1/8" = 1'-0"

MARK	REVISION	DATE

SHEET NOTES

- 0.69 SHADED AREA INDICATES AREA NOT INCLUDED IN SCOPE. AREA TO BE PROTECTED DURING CONSTRUCTION AND REPAIRED AS NEEDED.
- 2.04 NEW TUBULAR DAY LIGHT DEVICE. SEE DETAILS AND SPECIFICATIONS.
- 2.05 NEW SUSPENDED MOTORIZED HOIST AND TRACK SYSTEM FOR T.V. SEE DETAILS AND SPECIFICATIONS.
- 2.13 NEW WAREHOUSE SHELVING (3' 6" X 9' 0" SHELVES). COORDINATE FINAL LOCATION WITH OWNER.
- 2.23 NEW STEEL STRUCTURE. SEE STRUCTURAL SHEETS.



CEILING LEGEND

- A** 2x4 SUSPENDED CEILING SYSTEM WITH GRID. SEE SPECIFICATIONS. SEE DETAILS.
- B** PAINTED EXPOSED STRUCTURE, DUCTWORK, PIPING, CONDUITS, ETC. SEE SPECS.
- C** PRE-FINISHED METAL SOFFIT. SEE SPECS.
- D** DARKER PAINTED EXPOSED METAL DECK. SEE SPECS.

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. AN AUTOMATIC FIRE-SPRINKLER SYSTEM IS TO BE INSTALLED THROUGHOUT THE ENTIRE BUILDING IN ACCORDANCE WITH NFPA 13.
- C. MECHANICAL, PLUMBING, ELECTRICAL, FIRE SPRINKLER, AND CEILING SUBCONTRACTORS SHALL COORDINATE THEIR WORK. IN CASE OF CONFLICT, REPORT DISCREPANCIES TO THE ARCHITECT. SEE ENGINEERING SHEETS FOR ADDITIONAL REQUIREMENTS.
- D. CUT ALL ROOFING ANCHORS THAT PENETRATE EXPOSED PAINTED STRUCTURE AT 2" FROM DECKING.
- E. PAINT ALL EXPOSED STEEL JOISTS, DECK, MECHANICAL DUCTWORK, CONDUIT, SUPPORTS, ETC. BETWEEN AND ABOVE SUSPENDED ACOUSTICAL CEILING PANELS. TYPICAL.
- G. ALL LIGHT FIXTURES SHALL BE SUSPENDED WITH #9 WIRES FROM EACH CORNER. INDEPENDENT OF CEILING SUPPORT SYSTEM. TO STRUCTURE ABOVE.
- H. CEILING HEIGHTS SHOWN ARE ABOVE FINISH FLOOR IN WHICH THEY ARE CALLED.
- J. ALL CEILING SYSTEMS SHALL BE BRACED AS PER LOCAL BUILDING CODE AND DETAILS.
- K. WHERE APPLICABLE, FIRE SPRINKLERS TO BE CENTERED ON CEILING TILES.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>CURTIS MINER ARCHITECTURE</p> <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: REFLECTED CEILING PLAN</p>	
<p>SHEET: A121</p>	

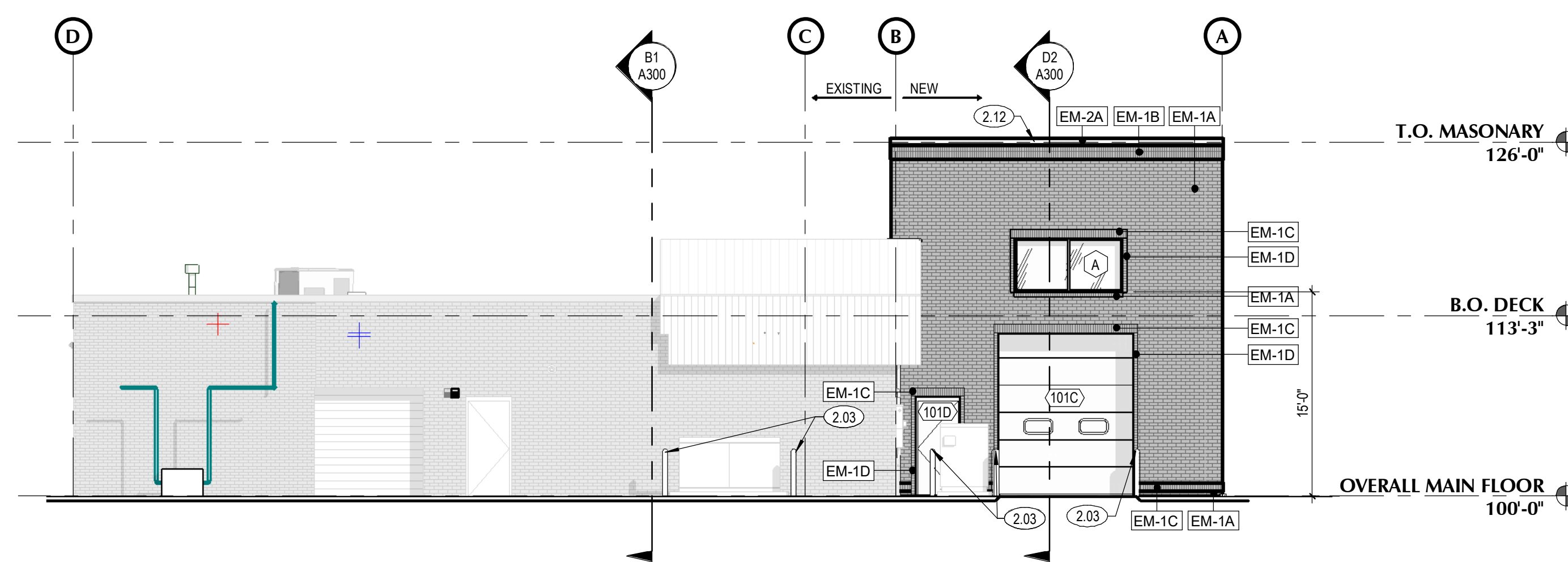
MAIN LEVEL REFLECTED CEILING PLAN
A121 | SCALE: 1/8" = 1'-0"

MARK	REVISION	DATE

SHEET NOTES

- 2.03 NEW BOLLARDS TO BE INSTALLED AROUND EXISTING ELECTRICAL EQUIPMENT. SEE DETAILS AND SPECIFICATIONS.
- 2.04 NEW TUBULAR DAYLIGHT DEVICE. SEE DETAILS AND SPECIFICATIONS.
- 2.06 NEW PAINTED EPOXYSTRUCTURAL COLUMNS. SEE STRUCTURAL. PRIME AND PAINT PER SPECS.
- 2.08 NEW STANDING SEAM METAL ROOF. CREATE A SMOOTH TRANSITION BETWEEN OLD AND NEW CONSTRUCTION.
- 2.12 NEW METAL PARAPET CAP. COLOR SELECTION BY ARCHITECT.
- 2.24 NEW CARD READER.
- 2.27 PROVIDE GUTTERS AND SURFACE DRAINAGE DOWNSPOUTS.
- 7.03 CONCRETE FOOTING. SEE STRUCTURAL FOR SIZE AND REINFORCING.

A

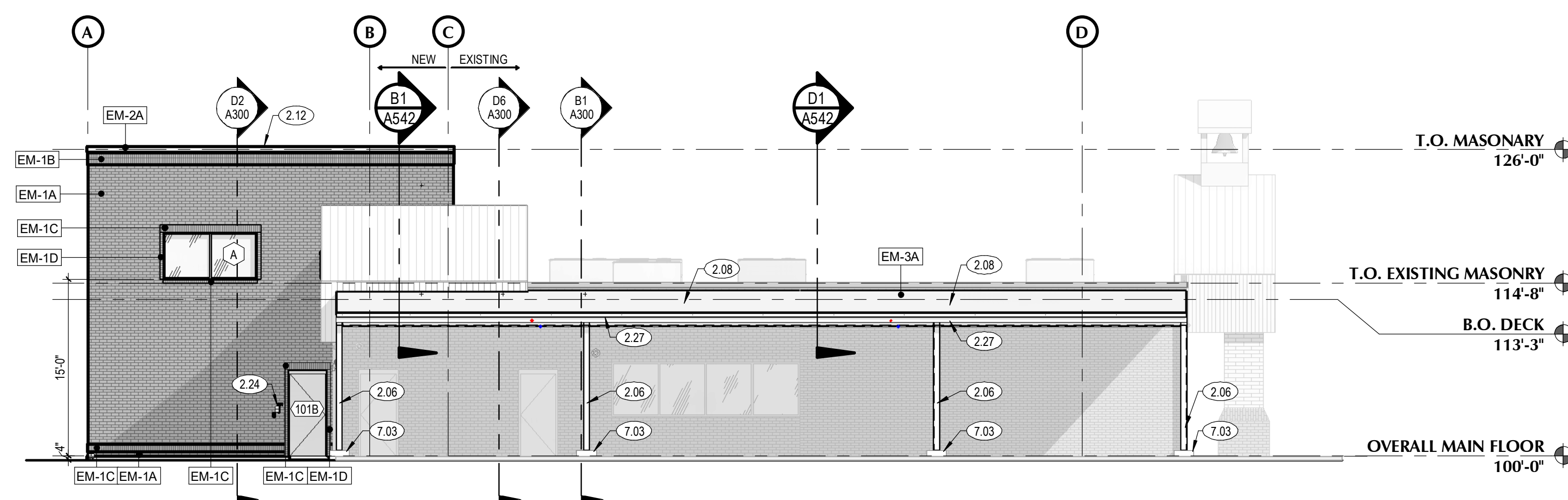


B3 BUILDING ELEVATION - SOUTH

A200 | SCALE: 1/8" = 1'-0"

B

C

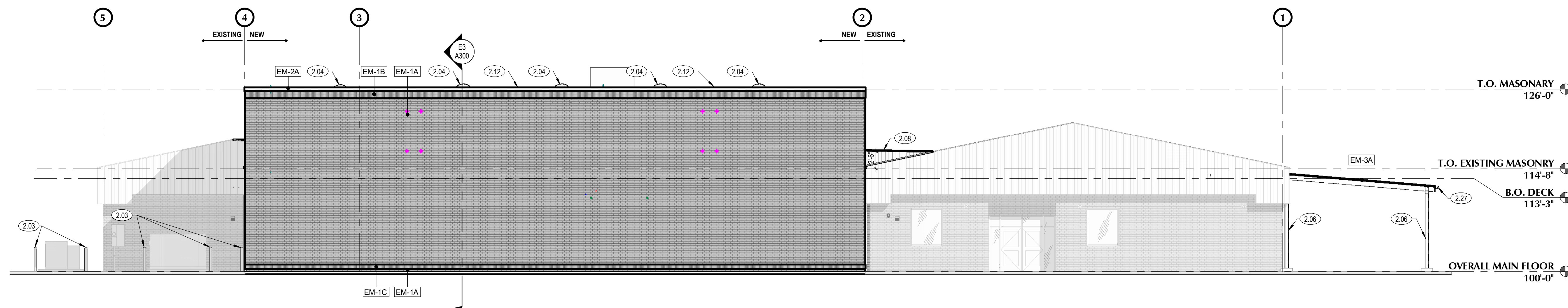


E1 BUILDING ELEVATION - NORTH

A200 | SCALE: 1/8" = 1'-0"

D

E



C1 BUILDING ELEVATION - EAST

A200 | SCALE: 1/8" = 1'-0"

EXTERIOR MATERIAL LEGEND

EM-1A		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - SMOOTH - RUNNING (FIELD)
EM-1B		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - COURSE - (X2) SOLDIER (FIELD)
EM-1C		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - SMOOTH - ROW LOCK (FIELD)
EM-1D		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - SMOOTH - STACKED (FIELD)
EM-2A		PREFINISHED METAL PARAPET CAP & FLASHING
EM-3A		STANDING SEAM METAL - PREFINISHED COLOR BY ARCHITECT

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. ALL MASONRY WALLS TO HAVE CONTROL JOINTS AT 30" O.C. MAXIMUM. VERIFY WITH STRUCTURAL.
- C. EXPOSED CONCRETE FOUNDATION AND RETAINING WALLS TO RECEIVE RUBBED FINISH CONCRETE WALL RETAINING EARTH TO RECEIVE TWO COATS OF BITUMINOUS DAMP PROOFING MATERIAL.
- D. PROVIDE PRE-FINISHED NUMBERS ON THE FRONT, EXTERIOR OF THE BUILDING INDICATING THE BUILDING ADDRESS NUMBER ASSIGNED BY THE CITY IN ACCORDANCE WITH CURRENT CITY ORDINANCE. COLOR OF PRE-FINISHED NUMBERS TO CONTRAST SIGNIFICANTLY WITH BACKGROUND COLOR OF EXTERIOR WALL. THAT ADDRESS MUST BE PERMANENTLY FASTENED TO THE EXTERIOR OF THE BUILDING PRIOR TO OCCUPANCY.
- E. SEE PLUMBING SHEETS AND ROOF DRAINAGE PLAN FOR SECONDARY ROOF DRAINAGE BRASS SCUPPER AND ROOF SCUPPER WITH PRE-FINISHED ALUMINUM DOWN SPOUT LOCATIONS ALONG EXTERIOR WALLS.
- F. SEE ELECTRICAL SHEETS FOR LOCATION OF GAS METER ALONG EXTERIOR WALL.
- G. SEE ELECTRICAL SHEETS FOR ELECTRICAL FIXTURE LOCATIONS ALONG EXTERIOR WALLS.
- H. EXTERIOR SIGNAGE: THE OWNER IS RESPONSIBLE TO OBTAIN A SEPARATE PERMIT FOR ANY EXTERIOR SIGNS IN ACCORDANCE WITH CURRENT CITY SIGN ORDINANCE. THE OWNER IS RESPONSIBLE TO CONTRACT DIRECTLY WITH SIGN VENDORS. SIGN VENDORS SHALL INSTALL THEIR RESPECTIVE SIGNAGE. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE AND COORDINATE ALL BACKING AND POWER REQUIREMENTS FOR EACH SIGN.
- I. NOT ALL SHEET NOTES ARE NECESSARILY USED ON EACH SHEET.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>CURTIS MINER ARCHITECTURE</p> <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PROVO, UTAH 84601 PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: EXTERIOR ELEVATIONS</p>	<p>SHEET: A200</p>

1

2

3

4

5

6

A

B

C

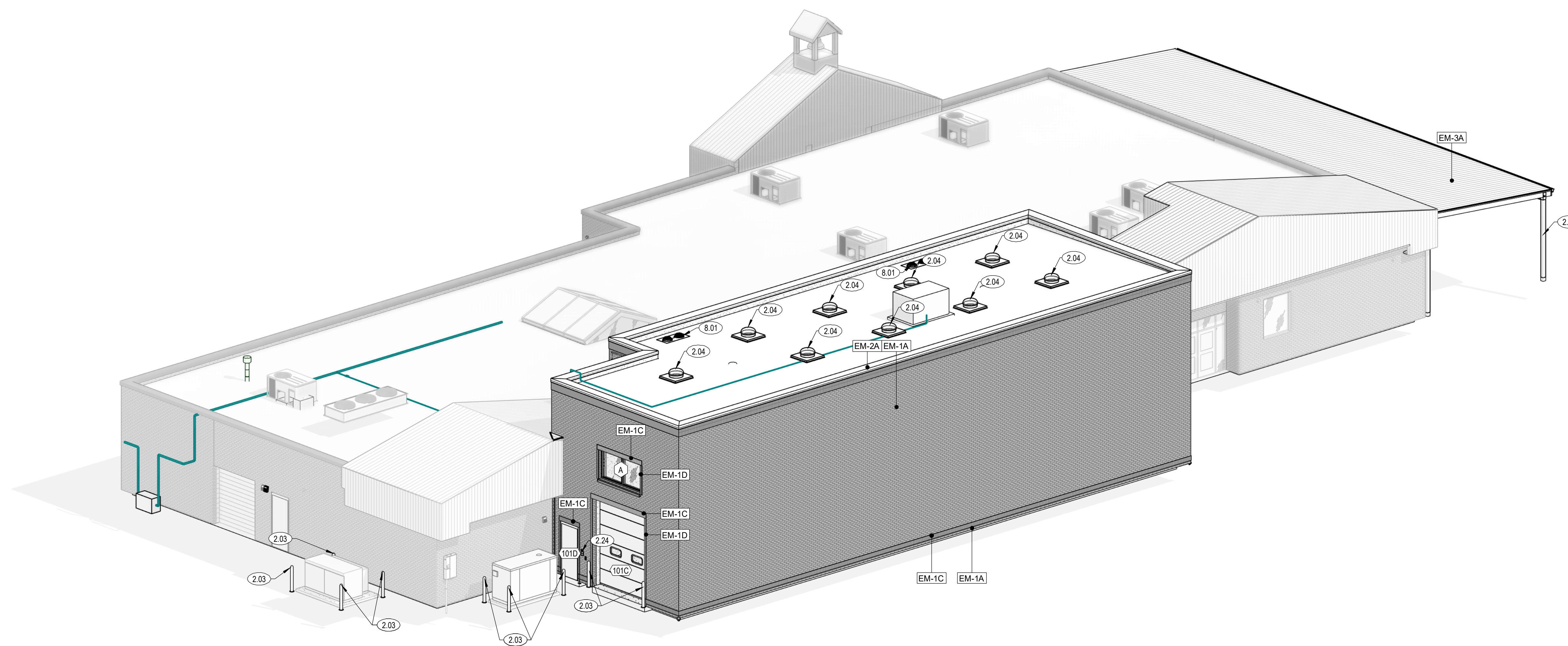
D

E

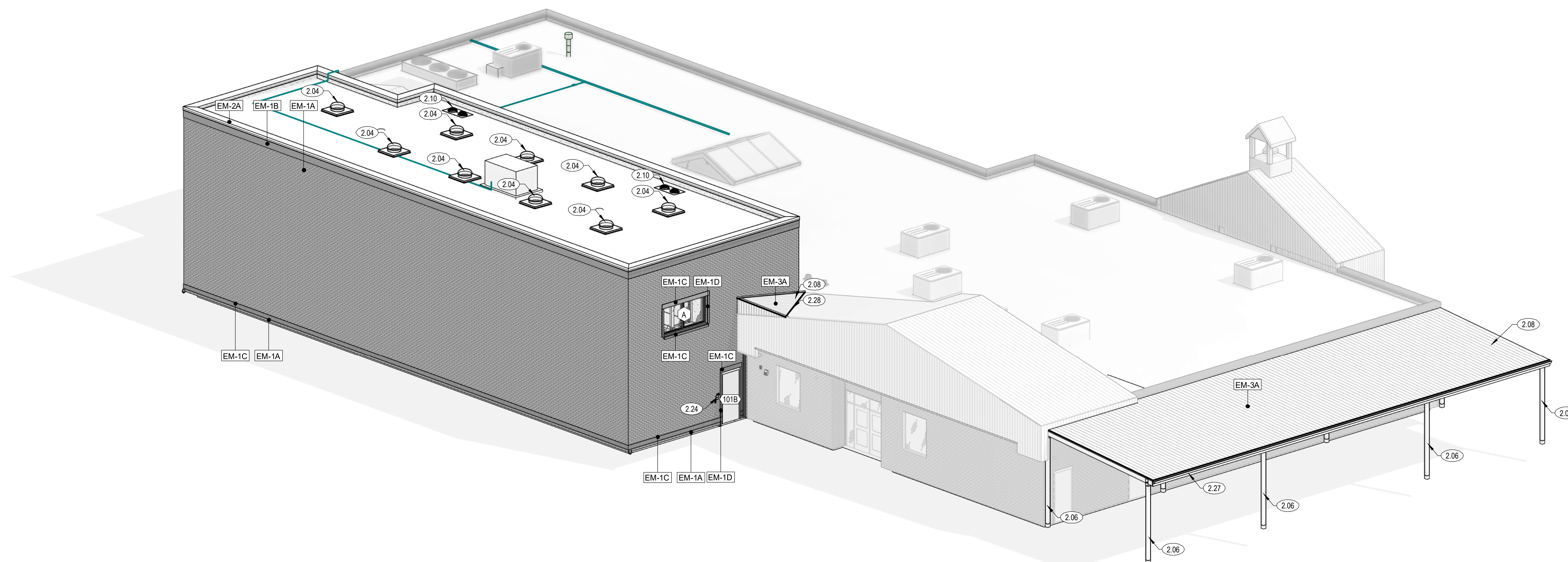
MARK	REVISION	DATE

SHEET NOTES

- 2.03 NEW BOLLARDS TO BE INSTALLED AROUND EXISTING ELECTRICAL EQUIPMENT. SEE DETAILS AND SPECIFICATIONS.
- 2.04 NEW TUBULAR DAYLIGHT DEVICE. SEE DETAILS AND SPECIFICATIONS.
- 2.06 NEW PAINTED EPOXYPOLYESTER STRUCTURAL COLUMNS. SEE STRUCTURAL, PRIME AND PAINT PER SPECS.
- 2.08 NEW STANDING SEAM METAL ROOF. CREATE A SMOOTH TRANSITION BETWEEN OLD AND NEW CONSTRUCTION.
- 2.10 NEW PRIMARY AND SECONDARY ROOF DRAINS. REFER TO MECHANICAL/PLUMBING DRAWINGS AND DETAILS.
- 2.24 NEW CARD READER.
- 2.27 PROVIDE GUTTERS AND SURFACE DRAINAGE DOWNSPOUTS.
- 2.28 STANDING SEAM ROOF TIE-IN PROVIDE LAP VALLEYS AT TIE-IN.
- 8.01 ROOF DRAINS. REFER TO MECHANICAL/PLUMBING DRAWINGS AND DETAILS.



C1 SOUTH EXTERIOR PERSPECTIVE
A250 | SCALE:



E1 NORTH EXTERIOR PERSPECTIVE
A250 | SCALE:

EXTERIOR MATERIAL LEGEND

EM-1A		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - SMOOTH - RUNNING (FIELD)
EM-1B		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - COURSE - (X2) SOLDIER (FIELD)
EM-1C		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - SMOOTH - ROW LOCK (FIELD)
EM-1D		2 1/2" x 3 1/2" x 7 1/2" - ATLAS VENEER - SMOOTH - STACKED (FIELD)
EM-2A		PREFINISHED METAL PARAPET CAP & FLASHING
EM-3A		STANDING SEAM METAL - PREFINISHED COLOR BY ARCHITECT

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. ALL MASONRY WALLS TO HAVE CONTROL JOINTS AT 30" O.C. MAXIMUM. VERIFY WITH STRUCTURAL.
- C. EXPOSED CONCRETE FOUNDATION AND RETAINING WALLS TO RECEIVE RUBBED FINISH.
- D. CONCRETE WALL RETAINING EARTH TO RECEIVE TWO COATS OF BITUMINOUS DAMP PROOFING MATERIAL.
- E. PROVIDE PRE-FINISHED NUMBERS ON THE FRONT, EXTERIOR OF THE BUILDING INDICATING THE BUILDING ADDRESS NUMBER ASSIGNED BY THE CITY IN ACCORDANCE WITH CURRENT CITY ORDINANCE. COLOR OF PRE-FINISHED NUMBERS TO CONTRAST SIGNIFICANTLY WITH BACKGROUND COLOR OF EXTERIOR WALL. THAT ADDRESS MUST BE PERMANENTLY FASTENED TO THE EXTERIOR OF THE BUILDING PRIOR TO OCCUPANCY.
- F. SEE PLUMBING SHEETS AND ROOF DRAINAGE PLAN FOR SECONDARY ROOF DRAINAGE BRASS SCUPPER AND ROOF SCUPPER WITH PRE-FINISHED ALUMINUM DOWN SPOUT LOCATIONS ALONG EXTERIOR WALLS.
- G. SEE PLUMBING SHEETS FOR LOCATION OF GAS METER ALONG EXTERIOR WALL.
- H. SEE ELECTRICAL SHEETS FOR ELECTRICAL FIXTURE LOCATIONS ALONG EXTERIOR WALLS.
- J. EXTERIOR SIGNAGE: THE OWNER IS RESPONSIBLE TO OBTAIN A SEPARATE PERMIT FOR ANY EXTERIOR SIGNS IN ACCORDANCE WITH CURRENT CITY SIGN ORDINANCE. THE OWNER IS RESPONSIBLE TO CONTRACT DIRECTLY WITH SIGN VENDORS. SIGN VENDORS SHALL INSTALL THEIR RESPECTIVE SIGNAGE. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE AND COORDINATE ALL BACKING AND POWER REQUIREMENTS FOR EACH SIGN.
- K. NOT ALL SHEET NOTES ARE NECESSARILY USED ON EACH SHEET.

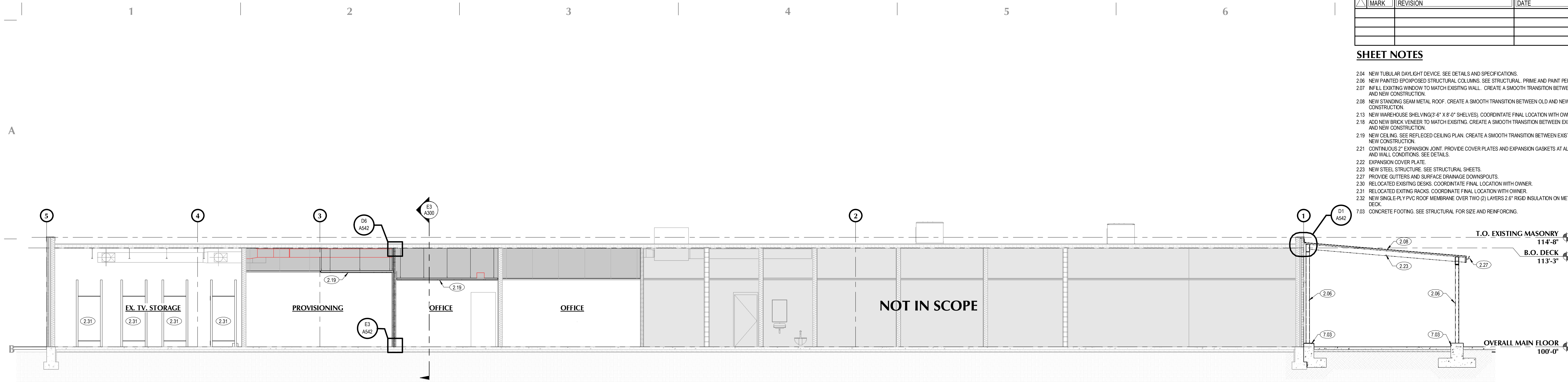
THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

 CURTIS MINER ARCHITECTURE 333 SOUTH PLEASANT GROVE BLVD. SUITE #115 PLEASANT GROVE, UTAH 84602 PHONE: (801) 799-3000 cma@curtisminer.com	DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL
	PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601
SHEET DESCRIPTION: 3D PERSPECTIVES	SHEET: A250

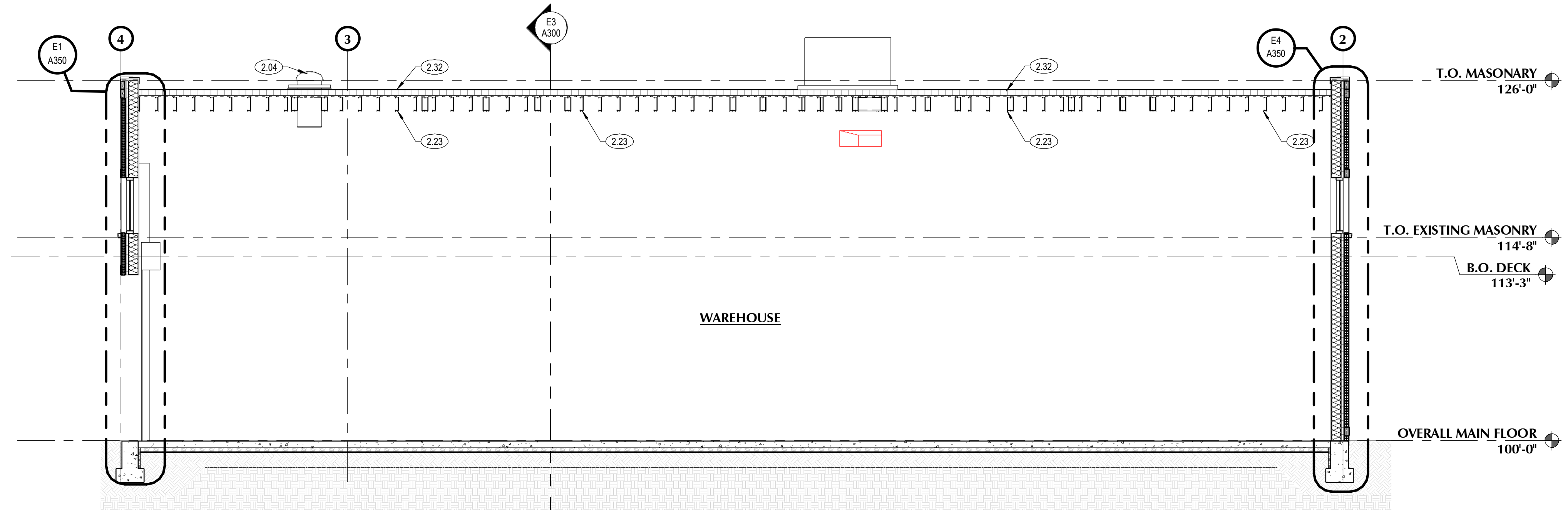
MARK	REVISION	DATE

SHEET NOTES

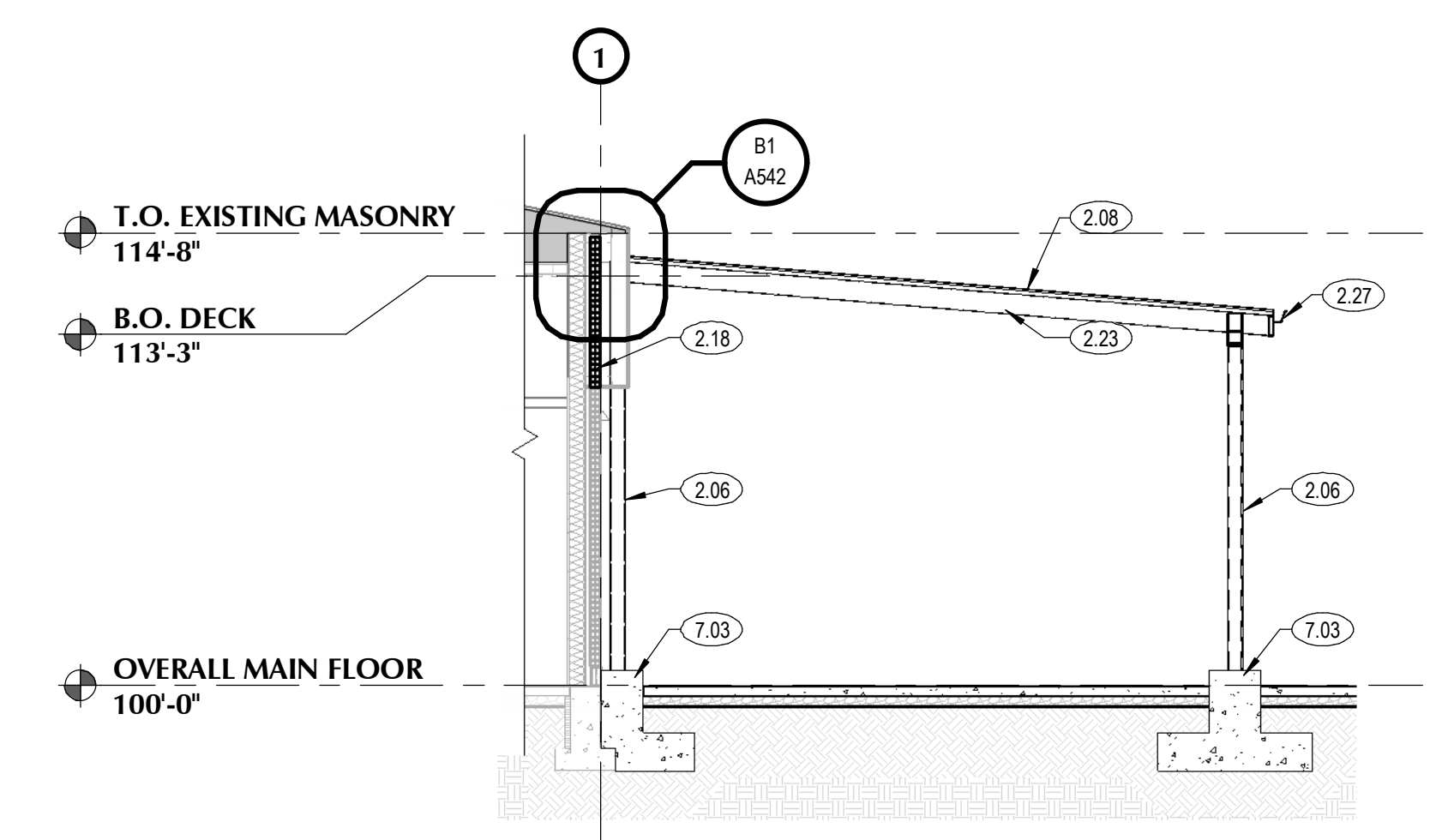
- 2.04 NEW TUBULAR DAYLIGHT DEVICE. SEE DETAILS AND SPECIFICATIONS.
- 2.06 NEW PAINTED EPOXY-POURED STRUCTURAL COLUMNS. SEE STRUCTURAL. PRIME AND PAINT PER SPECS.
- 2.07 INFILL EXISTING WINDOW TO MATCH EXISTING WALL. CREATE A SMOOTH TRANSITION BETWEEN OLD AND NEW CONSTRUCTION.
- 2.08 NEW STANDING SEAM METAL ROOF. CREATE A SMOOTH TRANSITION BETWEEN OLD AND NEW CONSTRUCTION.
- 2.13 NEW WAREHOUSE SHELVING(3'-6" X 8'-0" SHELVES). COORDINATE FINAL LOCATION WITH OWNER.
- 2.18 ADD NEW BRICK VENEER TO MATCH EXISTING. CREATE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW CONSTRUCTION.
- 2.19 NEW CEILING. SEE REFLECTED CEILING PLAN. CREATE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW CONSTRUCTION.
- 2.21 CONTINUOUS 2" EXPANSION JOINT. PROVIDE COVER PLATES AND EXPANSION GASKETS AT ALL ROOF AND WALL CONDITIONS. SEE DETAILS.
- 2.22 EXPANSION COVER PLATE.
- 2.23 NEW STEEL STRUCTURE. SEE STRUCTURAL SHEETS.
- 2.27 PROVIDE GUTTERS AND SURFACE DRAINAGE DOWNSPOUTS.
- 2.30 RELOCATED EXISTING DESKS. COORDINATE FINAL LOCATION WITH OWNER.
- 2.31 RELOCATED EXISTING RACKS. COORDINATE FINAL LOCATION WITH OWNER.
- 2.32 NEW SINGLE-PLY PVC ROOF MEMBRANE OVER TWO (2) LAYERS 2" RIGID INSULATION ON METAL DECK.
- 7.03 CONCRETE FOOTING. SEE STRUCTURAL FOR SIZE AND REINFORCING.



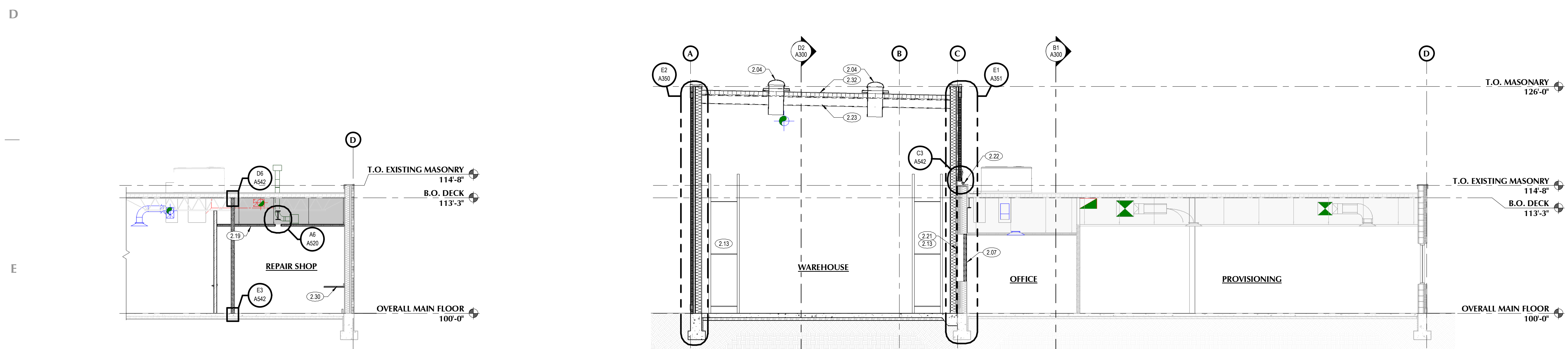
B1 BUILDING SECTION
A300 | SCALE: 3/16" = 1'-0"



D2 WAREHOUSE SECTION
A300 | SCALE: 3/16" = 1'-0"



D6 CANOPY SECTION
A300 | SCALE: 3/16" = 1'-0"



E1 REPAIR SHOP SECTION
A300 | SCALE: 3/16" = 1'-0"

E3 WAREHOUSE SECTION
A300 | SCALE: 3/16" = 1'-0"

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. AN AUTOMATIC FIRE SPRINKLER SYSTEM IS TO BE INSTALLED THROUGHOUT THE ENTIRE BUILDING PER NFPA 13.
- C. CONCRETE FOUNDATION WALLS RETAINING EARTH TO RECEIVE TWO COATS OF BITUMINOUS DAMP PROOFING MATERIAL.
- D. MINIMUM ROOF CLASSIFICATION TO BE CLASS 'C'.
- E. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
- F. INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE.
- G. EXPOSED FOUNDATION WALLS TO RECEIVE RUBBED FINISH.
- H. SEE ENGINEERING SHEETS FOR ADDITIONAL INFORMATION.
- J. MASONRY TO HAVE CONTROL JOINTS AT 30'-0" O.C. MAXIMUM.
- K. NOT ALL INTERIOR ELEMENTS ARE NOTED FOR CLARITY. SEE WALL SECTIONS, DETAILS, AND WALL TYPES FOR ADDITIONAL INFORMATION.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #115 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 799-3000 email@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: BUILDING SECTIONS</p>	<p>SHEET: A300</p>

BIM 360/21-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt 12/23/2021 12:45:16 PM

BID DOCUMENTS

MARK	REVISION	DATE

1 2 3 4 5 6

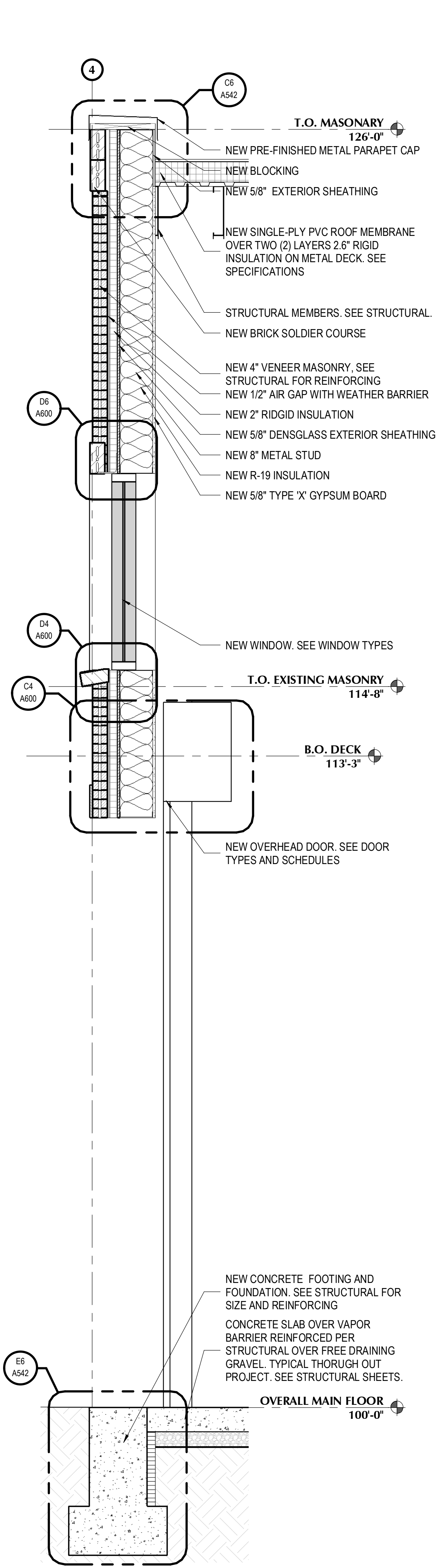
A

B

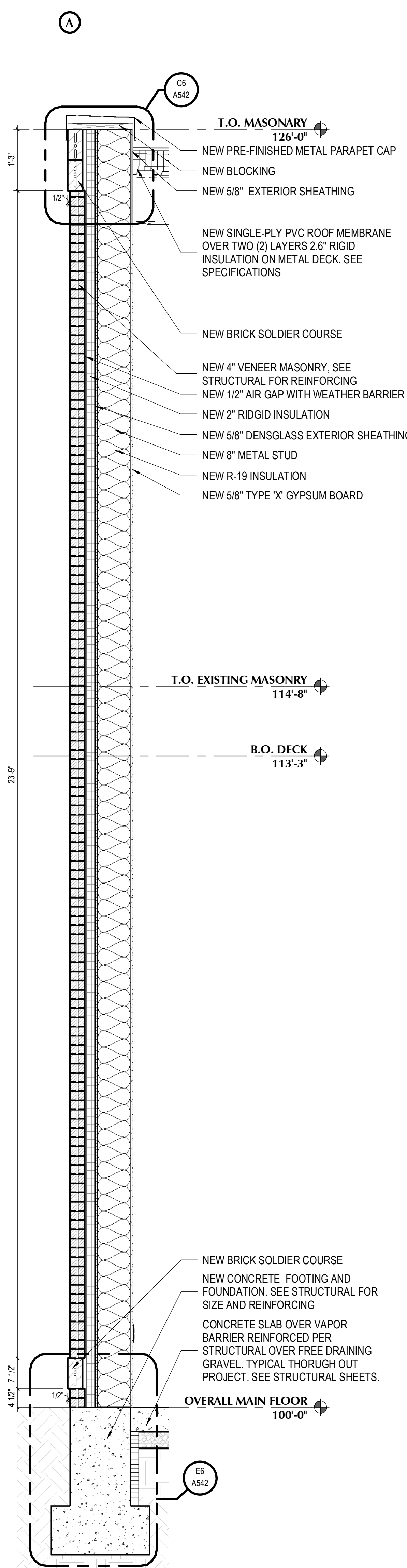
C

D

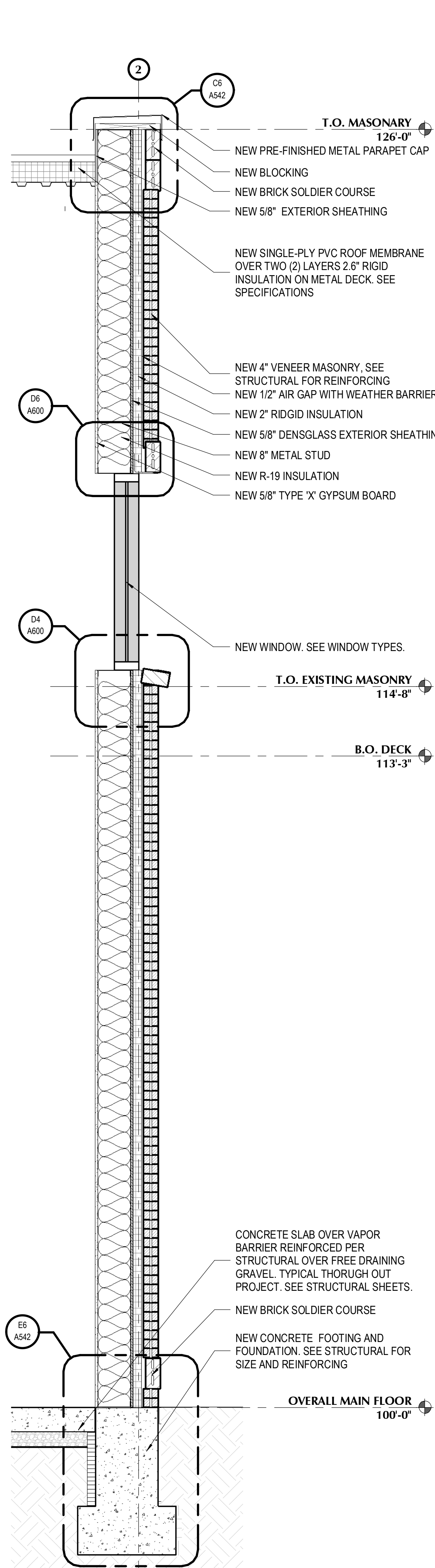
E



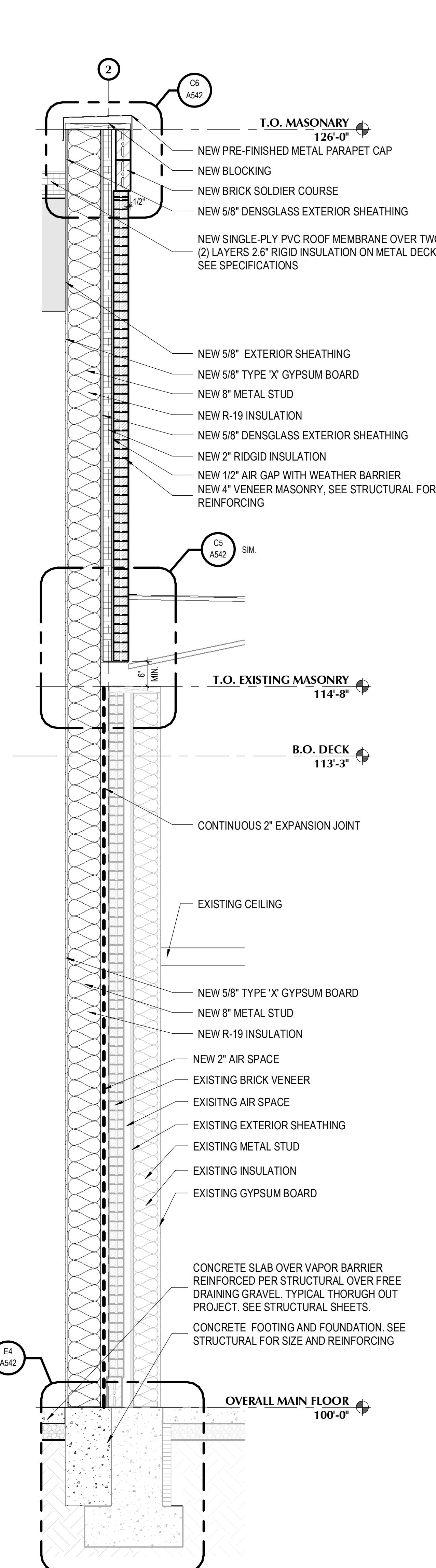
E1 WALL SECTION
A350 | SCALE: 3/4" = 1'-0"



E2 WALL SECTION
A350 | SCALE: 3/4" = 1'-0"



E4 WALL SECTION
A350 | SCALE: 3/4" = 1'-0"



E6 WALL SECTION
A350 | SCALE: 3/4" = 1'-0"

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. AN AUTOMATIC FIRE SPRINKLER SYSTEM IS TO BE INSTALLED THROUGHOUT THE ENTIRE BUILDING PER NFPA 13.
- C. CONCRETE FOUNDATION WALLS RETAINING EARTH TO RECEIVE TWO COATS OF BITUMINOUS DAMP PROOFING MATERIAL.
- D. MINIMUM ROOF CLASSIFICATION TO BE CLASS 'C'.
- E. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
- F. INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE.
- G. EXPOSED FOUNDATION WALLS TO RECEIVE RUBBED FINISH.
- H. SEE ENGINEERING SHEETS FOR ADDITIONAL INFORMATION.
- J. MASONRY TO HAVE CONTROL JOINTS AT 30'-0" O.C. MAXIMUM.
- K. NOT ALL INTERIOR ELEMENTS ARE NOTED FOR CLARITY. SEE WALL SECTIONS, DETAILS, AND WALL TYPES FOR ADDITIONAL INFORMATION.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 799-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: WALL SECTIONS</p>	
<p>SHEET: A350</p>	

BIM 360/121-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt 12/23/2021 12:45:18 PM

BID DOCUMENTS

MARK	REVISION	DATE

1 | 2 | 3 | 4 | 5 | 6

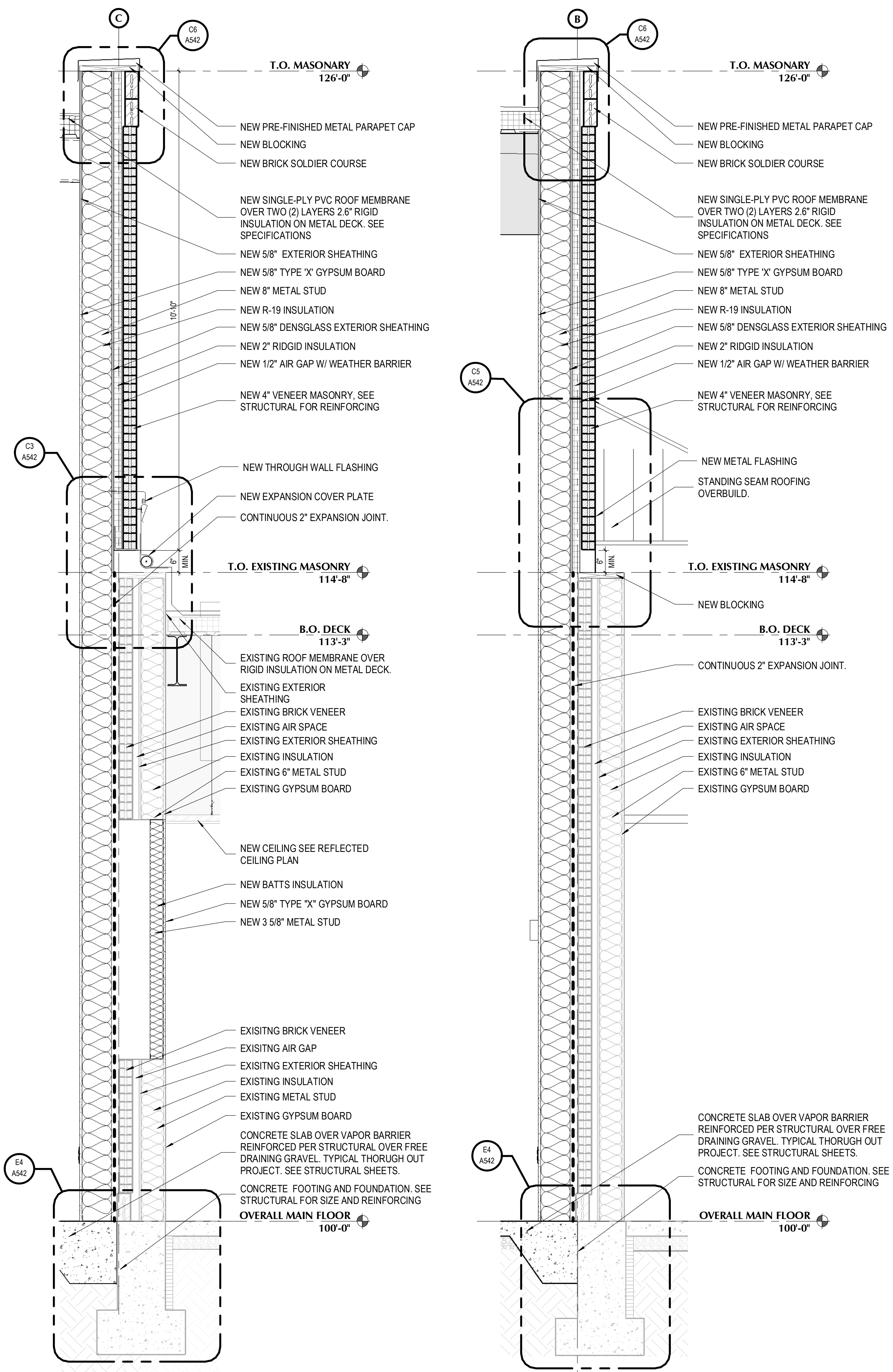
A

B

C

D

E



E1 WALL SECTION
A351 | SCALE: 3/4" = 1'-0"

E2 WALL SECTION
A351 | SCALE: 3/4" = 1'-0"

- GENERAL NOTES**
- GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
 - AN AUTOMATIC FIRE SPRINKLER SYSTEM IS TO BE INSTALLED THROUGHOUT THE ENTIRE BUILDING PER NFPA 13.
 - CONCRETE FOUNDATION WALLS RETAINING EARTH TO RECEIVE TWO COATS OF BITUMINOUS DAMP PROOFING MATERIAL.
 - MINIMUM ROOF CLASSIFICATION TO BE CLASS 'C'.
 - MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
 - INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE.
 - EXPOSED FOUNDATION WALLS TO RECEIVE RUBBED FINISH.
 - SEE ENGINEERING SHEETS FOR ADDITIONAL INFORMATION.
 - MASONRY TO HAVE CONTROL JOINTS AT 30'-0" O.C. MAXIMUM.
 - NOT ALL INTERIOR ELEMENTS ARE NOTED FOR CLARITY. SEE WALL SECTIONS, DETAILS, AND WALL TYPES FOR ADDITIONAL INFORMATION.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: WALL SECTIONS</p>	
<p>SHEET: A351</p>	

BIM 360/021-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt 12/23/2021 12:45:20 PM

BID DOCUMENTS

1

2

3

4

5

6

A

B

C

D

E

MARK	REVISION	DATE

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. AN AUTOMATIC FIRE SPRINKLER SYSTEM IS TO BE INSTALLED THROUGHOUT THE ENTIRE BUILDING PER NFPA 13.
- C. CONCRETE FOUNDATION WALLS RETAINING EARTH TO RECEIVE TWO COATS OF BITUMINOUS DAMP PROOFING MATERIAL.
- D. MINIMUM ROOF CLASSIFICATION TO BE CLASS 'C'.
- E. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
- F. INSULATE ENTIRE ROOF WITH R-30 CONTINUOUS POLYISOCYANURATE.
- G. EXPOSED FOUNDATION WALLS TO RECEIVE RUBBED FINISH.
- H. SEE ENGINEERING SHEETS FOR ADDITIONAL INFORMATION.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR
 RECOMMENDATIONS FOUND IN THE GEOTECHNICAL STUDY PERFORMED BY () ARE TO BE REVIEWED IN COLOR.
 SEE OTHER ENGINEERING SHEETS AND WALL TYPES FOR GAUGE OF METAL STUDS.

 <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 799-3000 cma@curtismin.com</p>	DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL
	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2021 CURTIS MINER ARCHITECTURE, LLC.</p>

PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601	OWNER: 	 <p>8 Feb 2019</p>
---	---	---

SHEET DESCRIPTION: ARCHITECTURAL DETAILS	SHEET: A500
--	-----------------------

MARK	REVISION	DATE

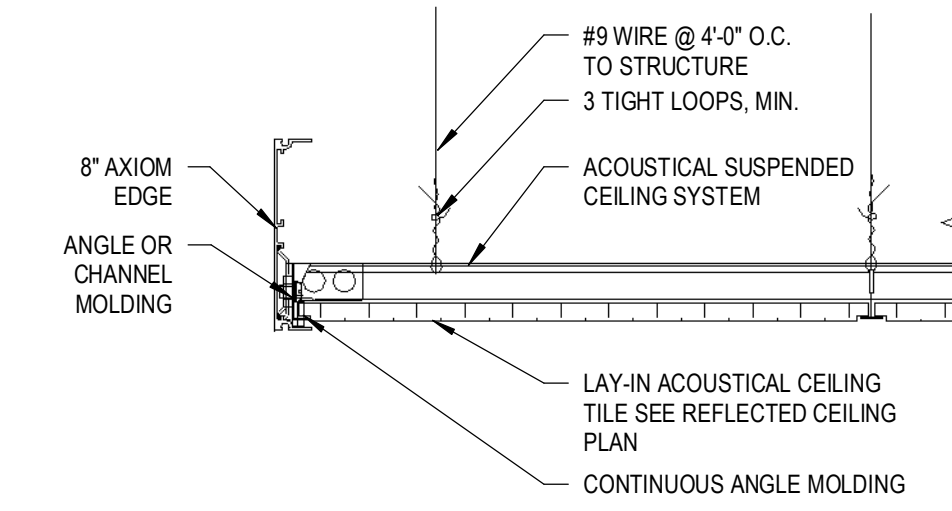
A

B

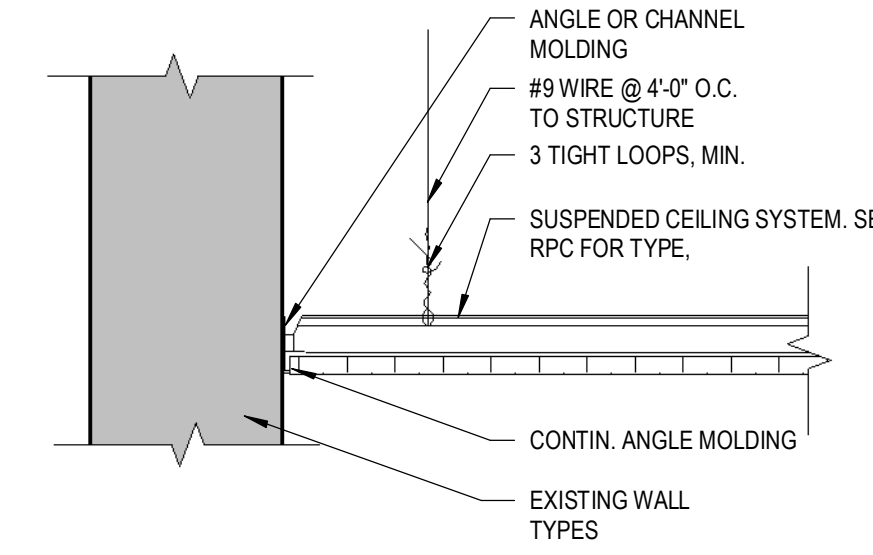
C

D

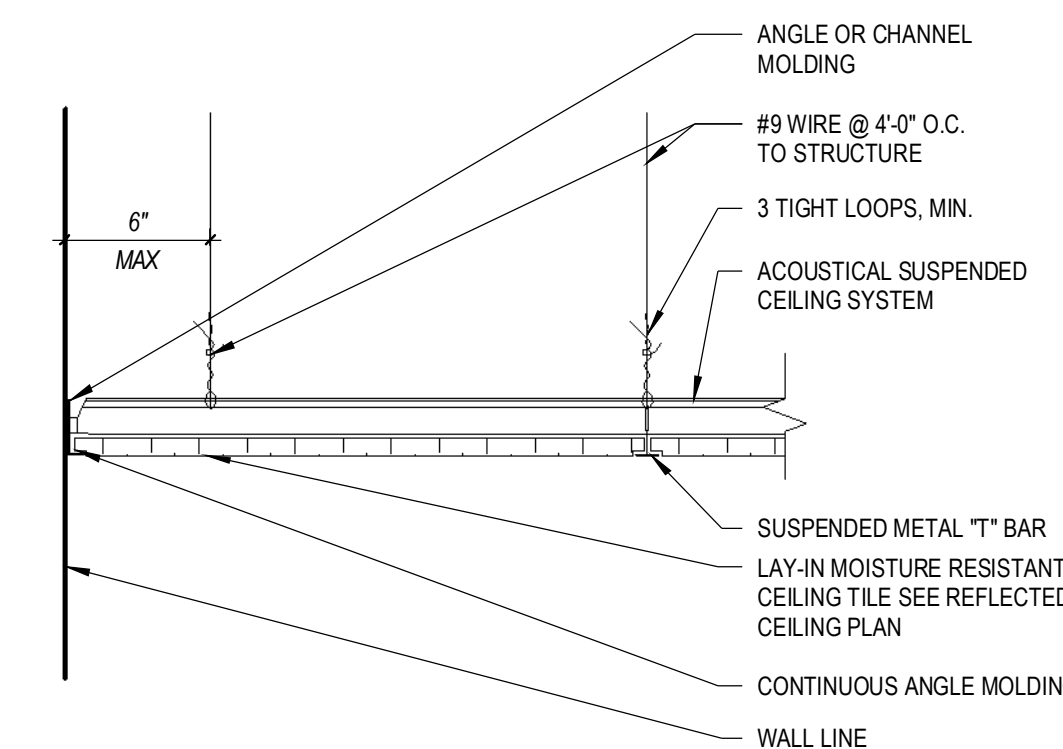
E



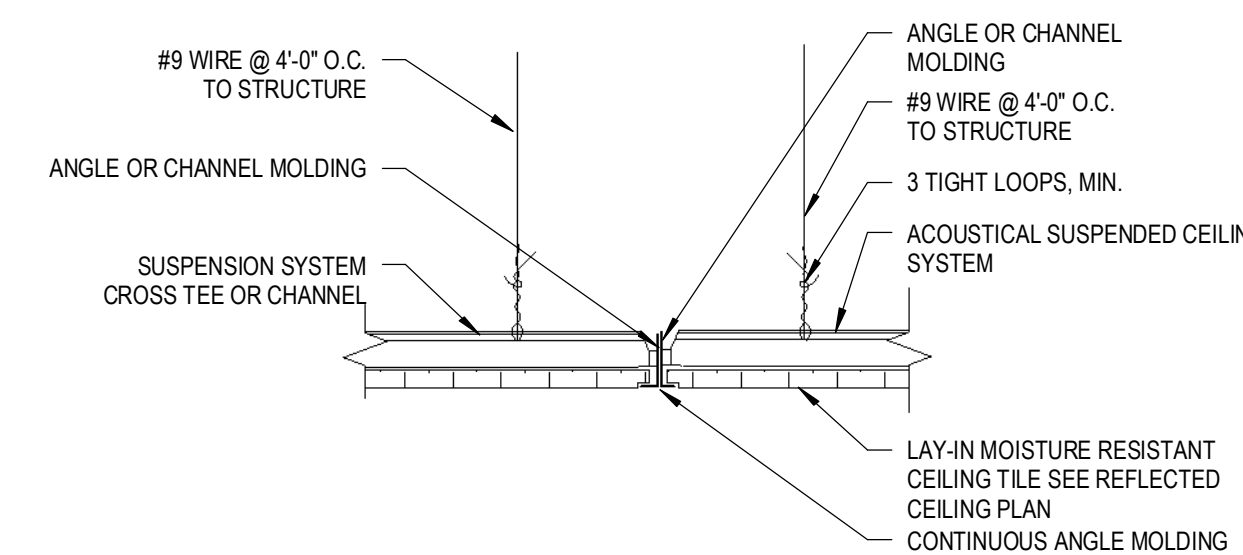
A6 SUSPENDED ACT CEILING AXIOM DETAIL
A520 | SCALE: 1 1/2" = 1'-0"



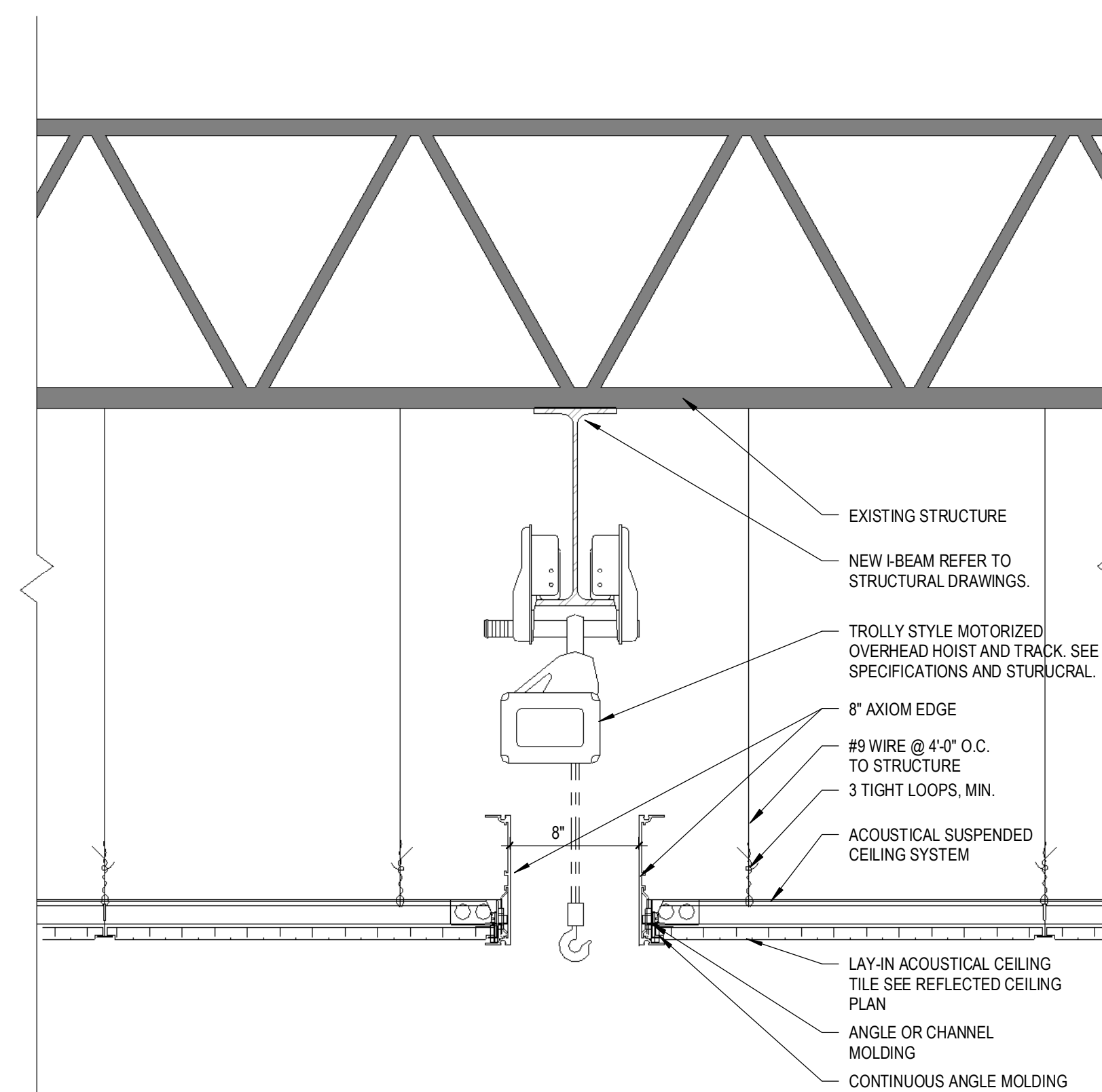
B6 TRANSITION
A520 | SCALE: 1 1/2" = 1'-0"



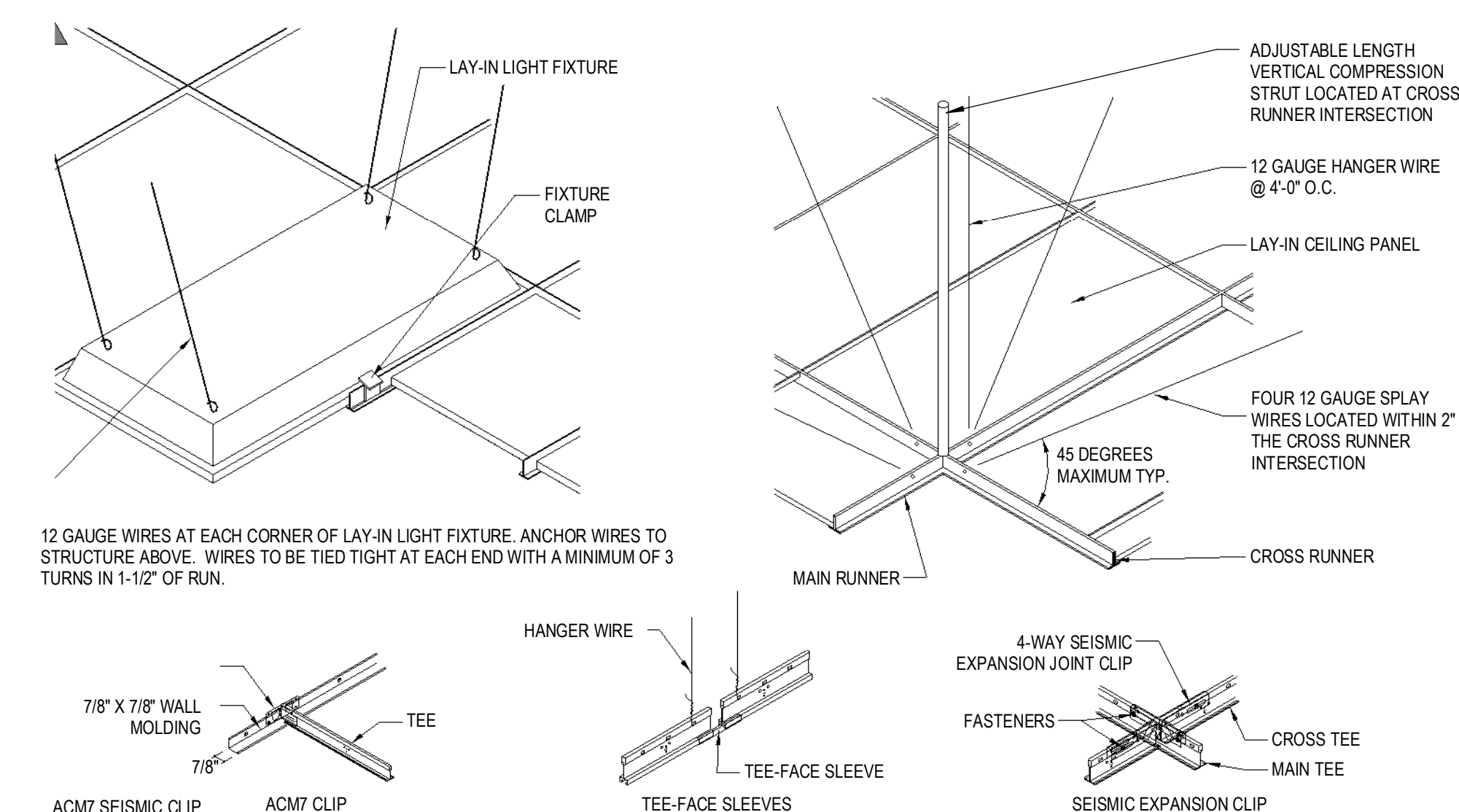
C6 ACOUSTICAL CEILING DETAIL
A520 | SCALE: 1 1/2" = 1'-0"



D6 FLUSH CEILING TRANSITION
A520 | SCALE: 1 1/2" = 1'-0"



E3 SUSPENDED ACT CEILING AXIOM DETAIL
A520 | SCALE: 1 1/2" = 1'-0"



E5 SEISMIC CEILING DETAIL
A520 | SCALE: 1 1/2" = 1'-0"

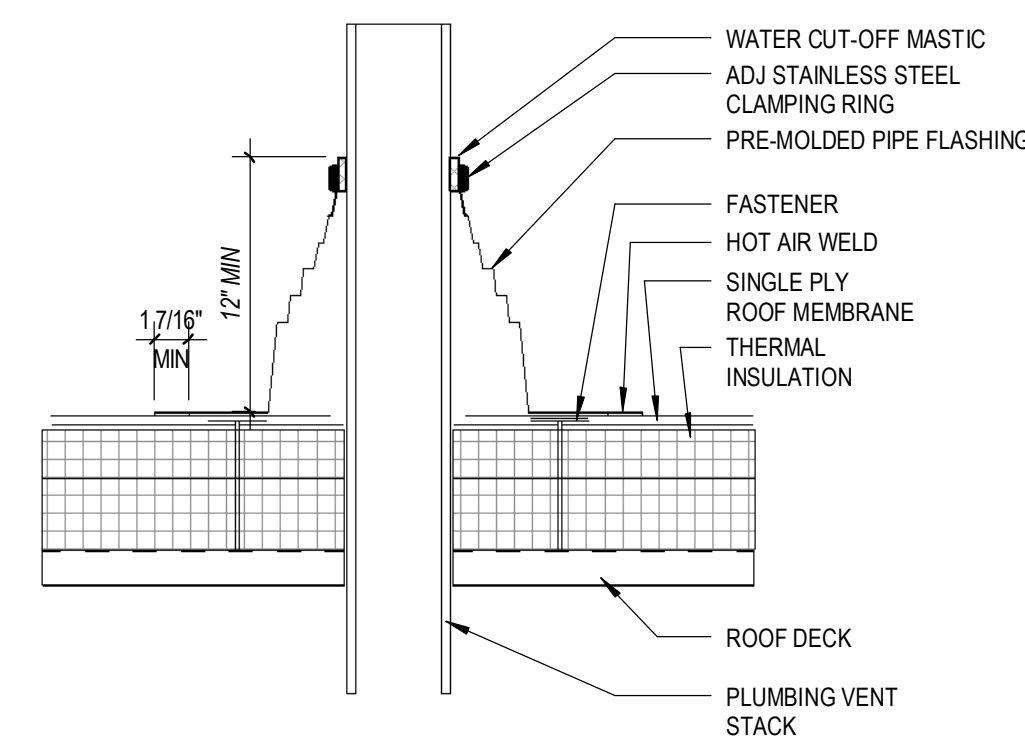
SUSPENDED CEILING SYSTEM NOTES:

- A. SUSPENDED CEILING SYSTEMS SHALL BE INSTALLED IN COMPLIANCE WITH IBC 808.1.1.1, ASTM C636/636M, ASCE 7, AND CISCA 3-4.
- B. ALL CEILINGS ARE TO HAVE VERTICAL COMPRESSION STRUTS, SEISMIC BRACING, HANGERS, ETC., AS REQUIRED BY IBC, ASCE 7, AND CISCA 3-4.
- C. HEAVY DUTY T-BAR GRID SYSTEM REQUIRED. WITH 0" PERIMETER SUPPORTING CLOSURE ANGLE WITH CODE COMPLIANT SEISMIC CLIPS. ATTACH ONE END OF THE CEILING GRID TO THE CLOSURE ANGLE IN EACH DIRECTION. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON THE CLOSURE ANGLE.
- D. SPLAY WIRES AS REQUIRED BY IBC, ASCE 7, AND CISCA 3-4. ALL SPLAY WIRES ARE TO BE IN LINE WITH ATTACHED COMPONENT AND ARE TO BE TIED TIGHT AT EACH END WITH A MINIMUM OF 3 TURNS IN 1-1/2" OF RUN.
- E. ANCHOR WIRES ONLY TO STRUCTURAL MEMBERS AND DECKING IN AN APPROVED MANNER PER CISCA 3-4 DO NOT ANCHOR TO BRIDGING. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. NOT SHALL THEY BE LESS THAN 6" TO ANY UNBRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR.
- F. SUPPORT ALL RUNNERS AT 8" MAXIMUM FROM WALL OR CEILING DISCONTINUITY.
- G. FOUR-WAY DIAGONAL BRACING AND COMPRESSION STRUTS 12'-0" O.C. EACH WAY.
- H. PROVIDE CEILING HORIZONTAL RESTRAINT TO THE STRUCTURE ABOVE FOR CEILING AREAS GREATER THAN 1,000 SQUARE FEET TO MINIMIZE DIAPHRAGM LOADS.
- I. PROVIDE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS FOR CEILING AREAS GREATER THAN 2,000 SQUARE FEET.
- J. CHANGES IN CEILING PLANE ELEVATION SHALL BE PROVIDED WITH POSITIVE BRACING.
- K. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED AND BRACED INDEPENDENT FROM THE SUSPENDED CEILING SYSTEM.
- L. PROVIDE 2" OVERSIZE RINGS, SLEEVES OR ADAPTERS THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT FOR AT LEAST 1" MOVEMENT IN ALL DIRECTIONS FOR FIRE SPRINKLER HEADS AND OTHER SIMILAR PENETRATIONS.
- M. SPECIAL INSPECTION REQUIRED OF SUSPENDED CEILING SYSTEMS.
- N. ALL LIGHT FIXTURES SHALL BE SUSPENDED WITH #9 WIRES FROM EACH CORNER, INDEPENDENT OF CEILING SUPPORT SYSTEM, TO STRUCTURE ABOVE. SEE ELECTRICAL SHEETS.

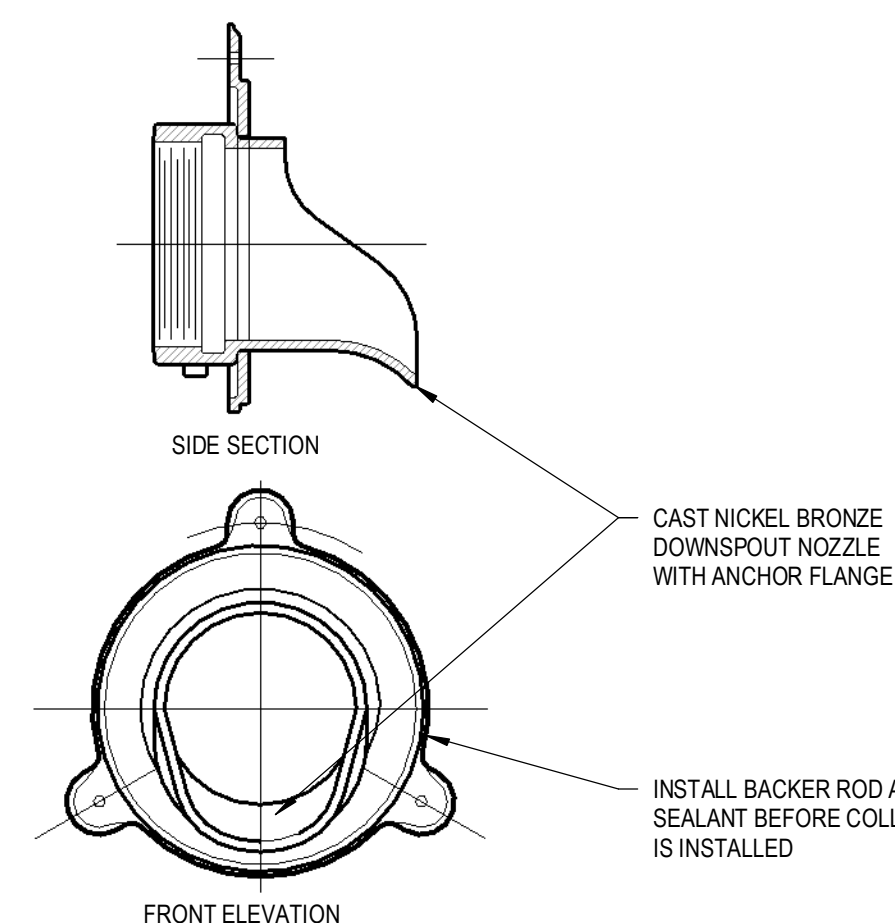
THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: CEILING DETAILS</p>	
<p>SHEET: A520</p>	

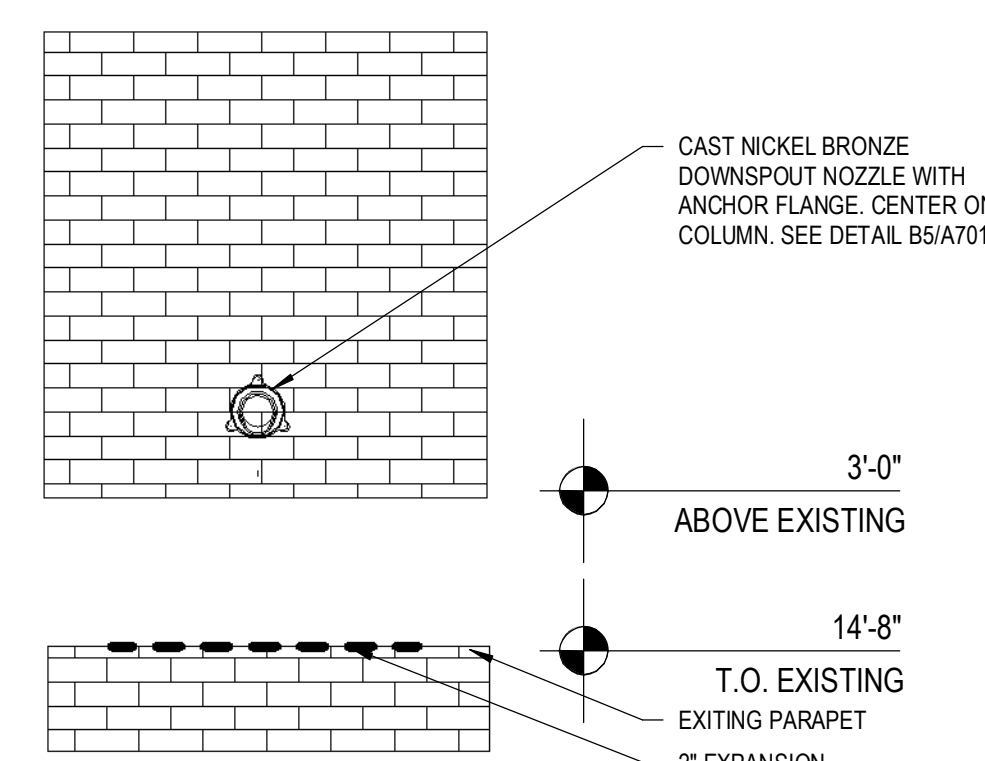
MARK	REVISION	DATE



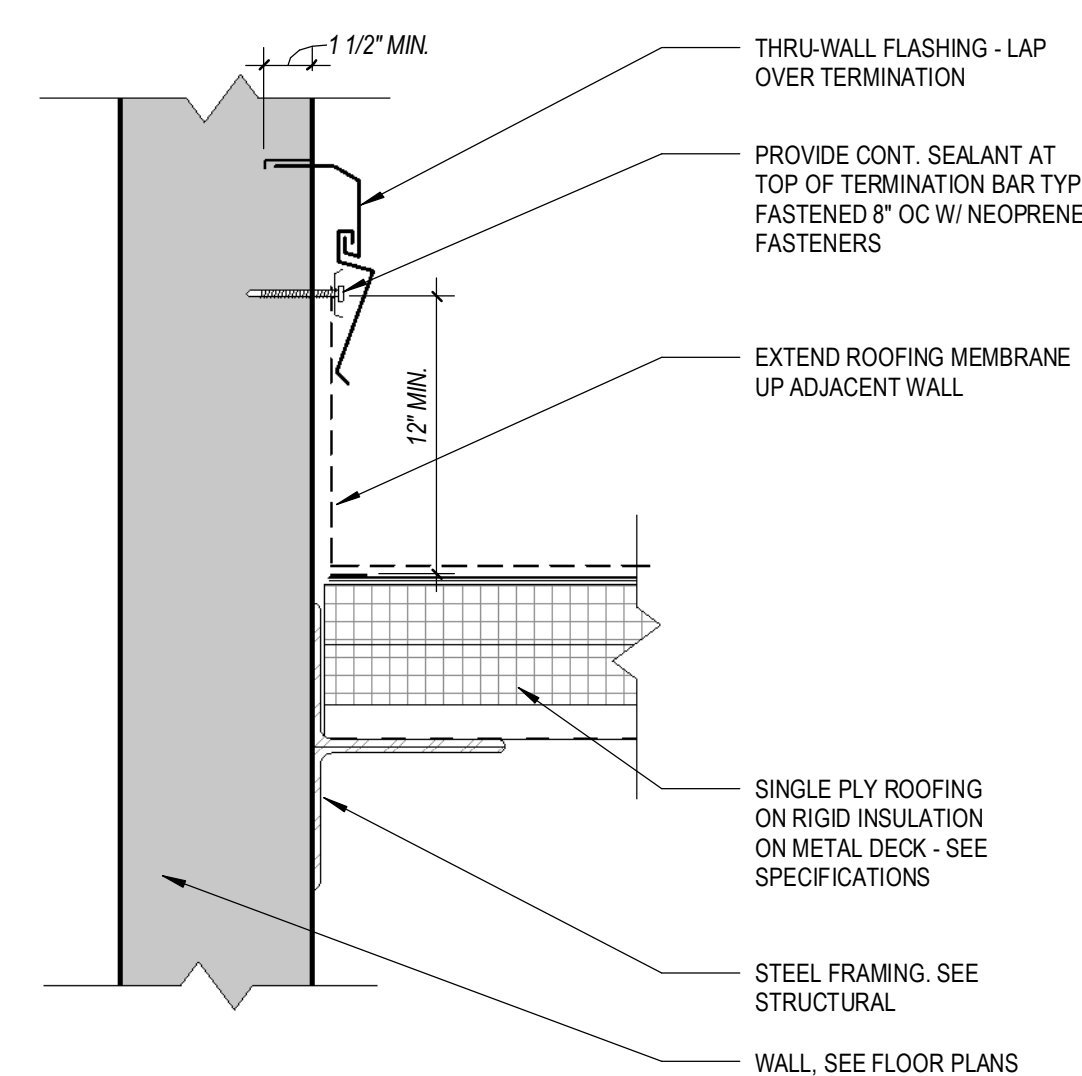
A4 PIPE PENETRATION & FLASHING
A530 | SCALE: 1 1/2" = 1'-0"



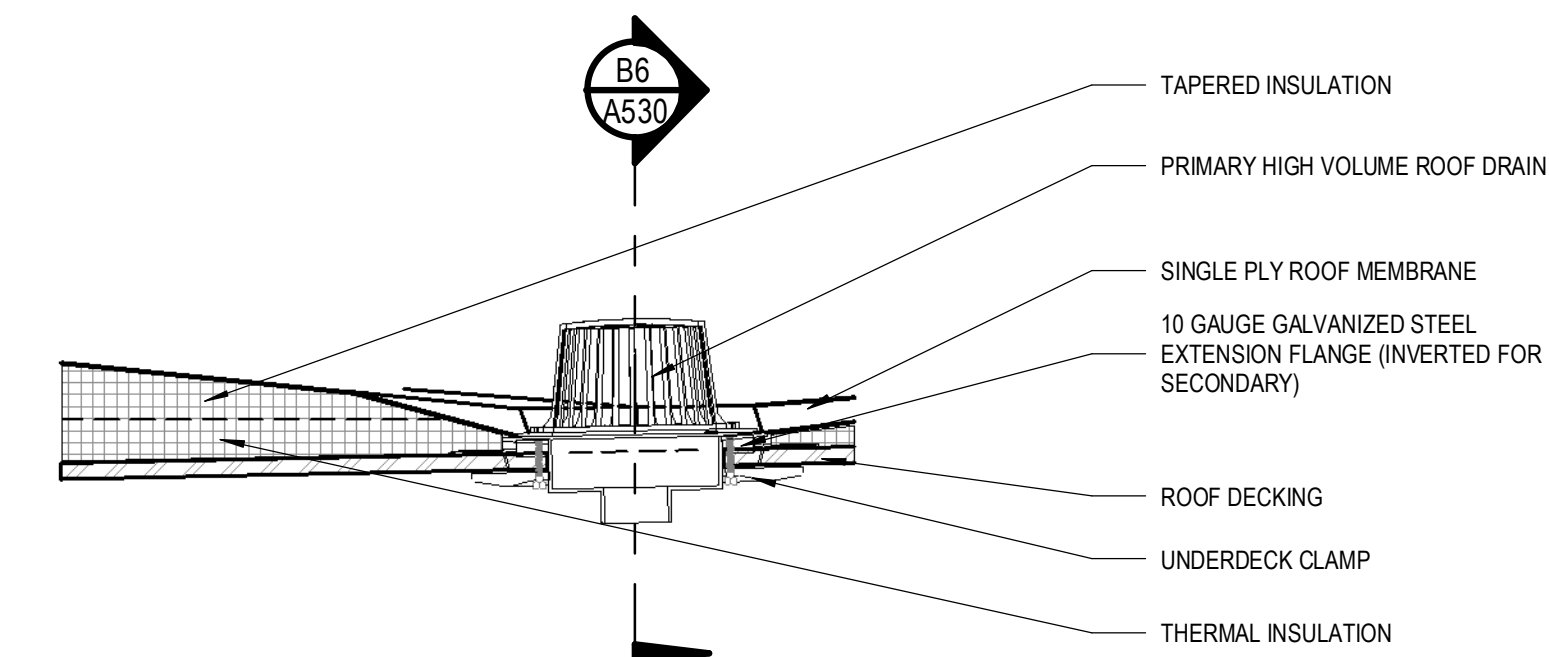
B4 SCUPPER DETAIL
A530 | SCALE: 3" = 1'-0"



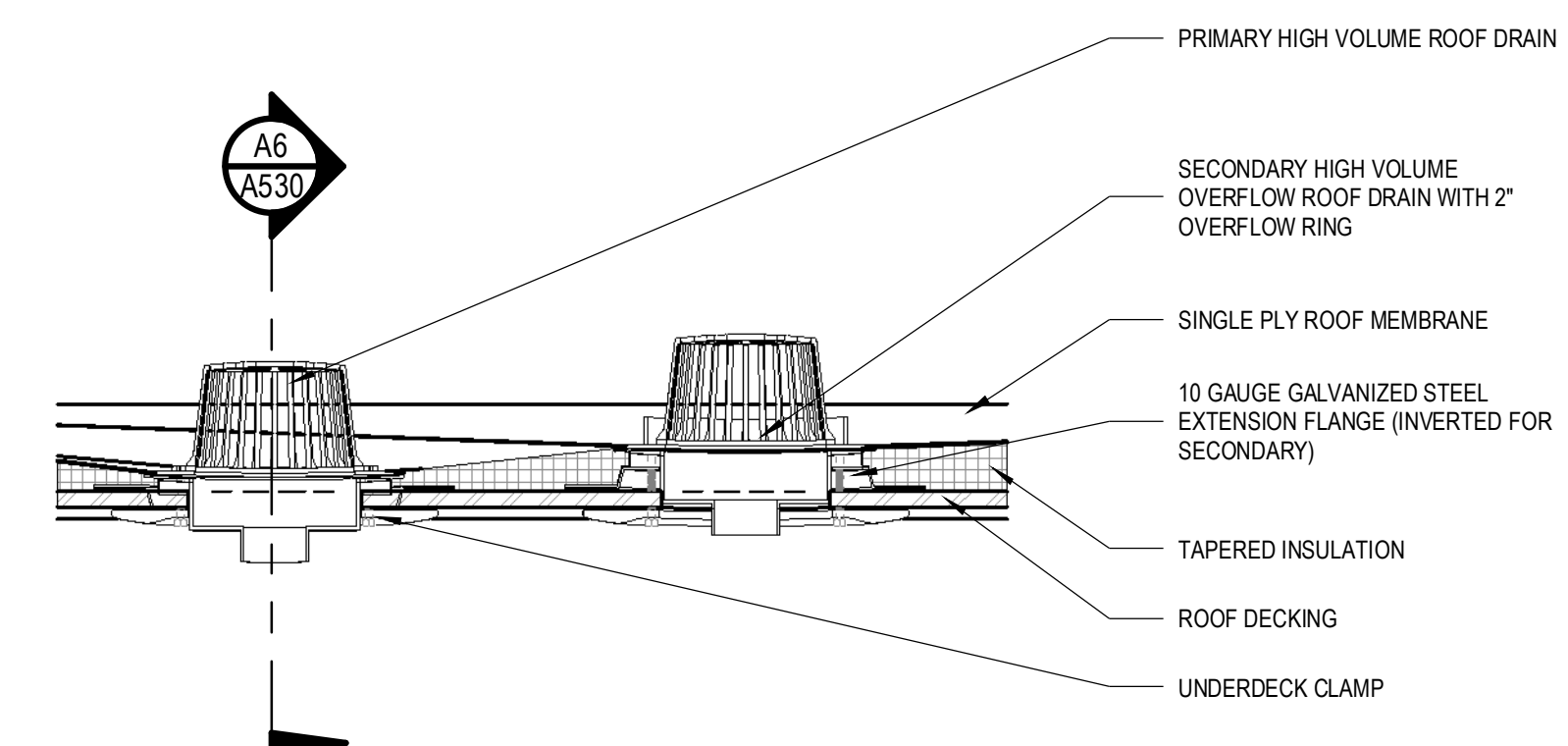
C4 SCUPPER ELEVATION DETAIL
A530 | SCALE: 1/2" = 1'-0"



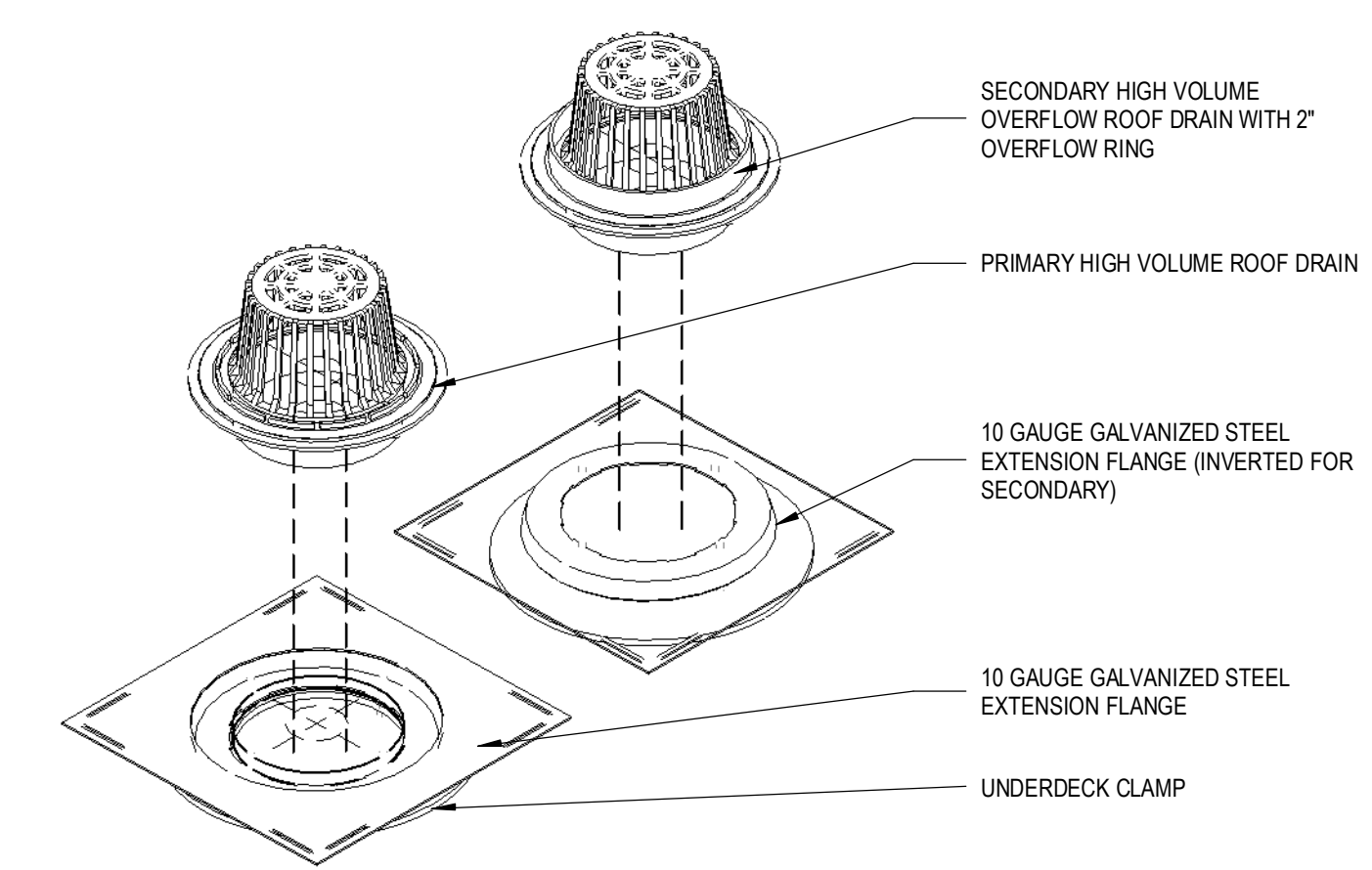
E4 TYP. ROOF VERTICAL FLASHING
A530 | SCALE: 1 1/2" = 1'-0"



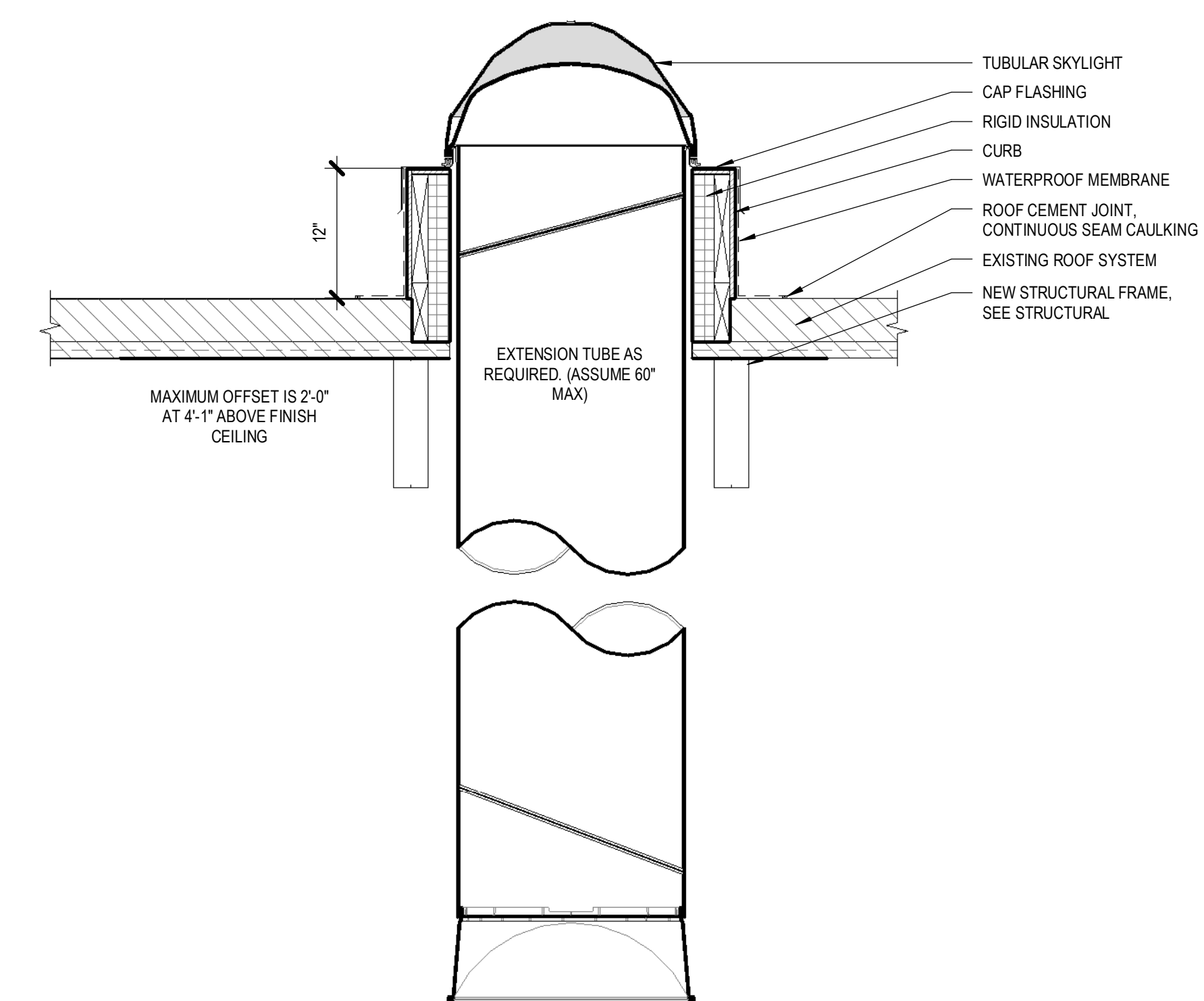
A6 PRIMARY DRAIN SECTION
A530 | SCALE: 1" = 1'-0"



B6 ROOF DRAIN SECTION
A530 | SCALE: 1" = 1'-0"



C6 ROOF DRAIN ISO
A530 | SCALE: 1" = 1'-0"



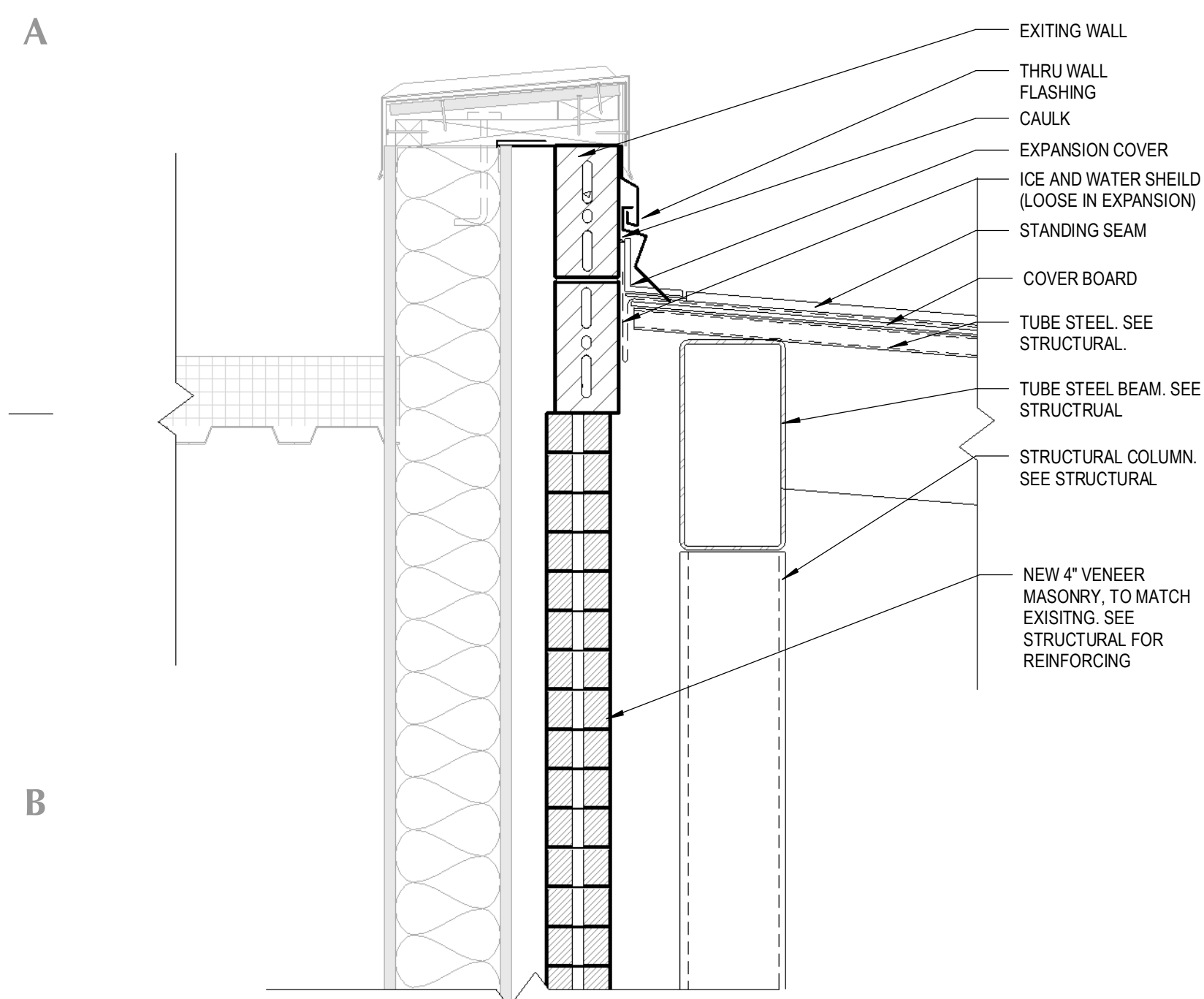
E6 TUBULAR DAYLIGHT DEVICE DETAIL
A530 | SCALE: 1" = 1'-0"

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

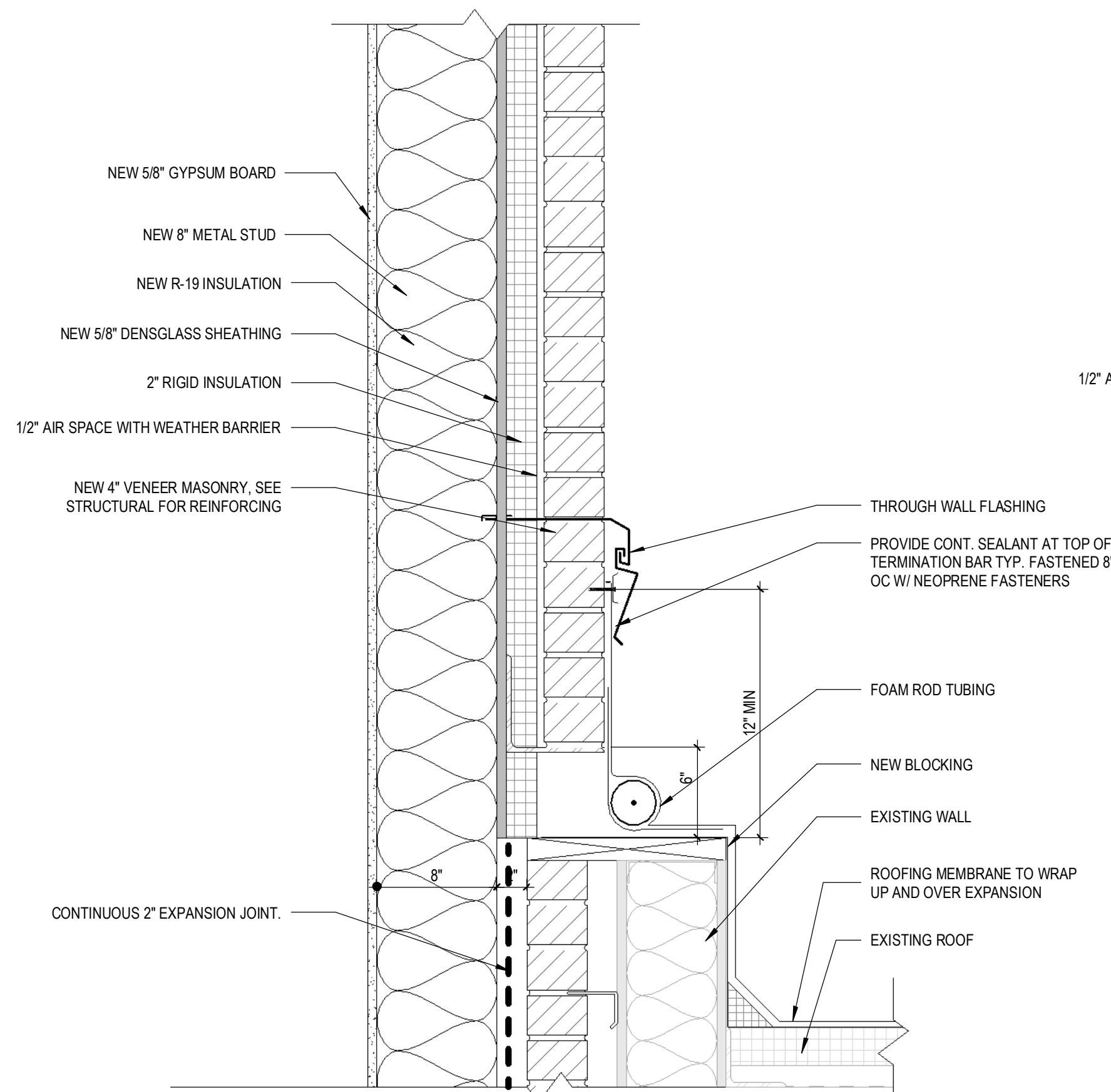
<p>CURTIS MINER ARCHITECTURE</p>	<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601</p> <p>OWNER: PROVO CITY SCHOOL DISTRICT</p>	
<p>SHEET DESCRIPTION: ROOF DETAILS</p>		<p>SHEET: A530</p>

09 Dec 2021

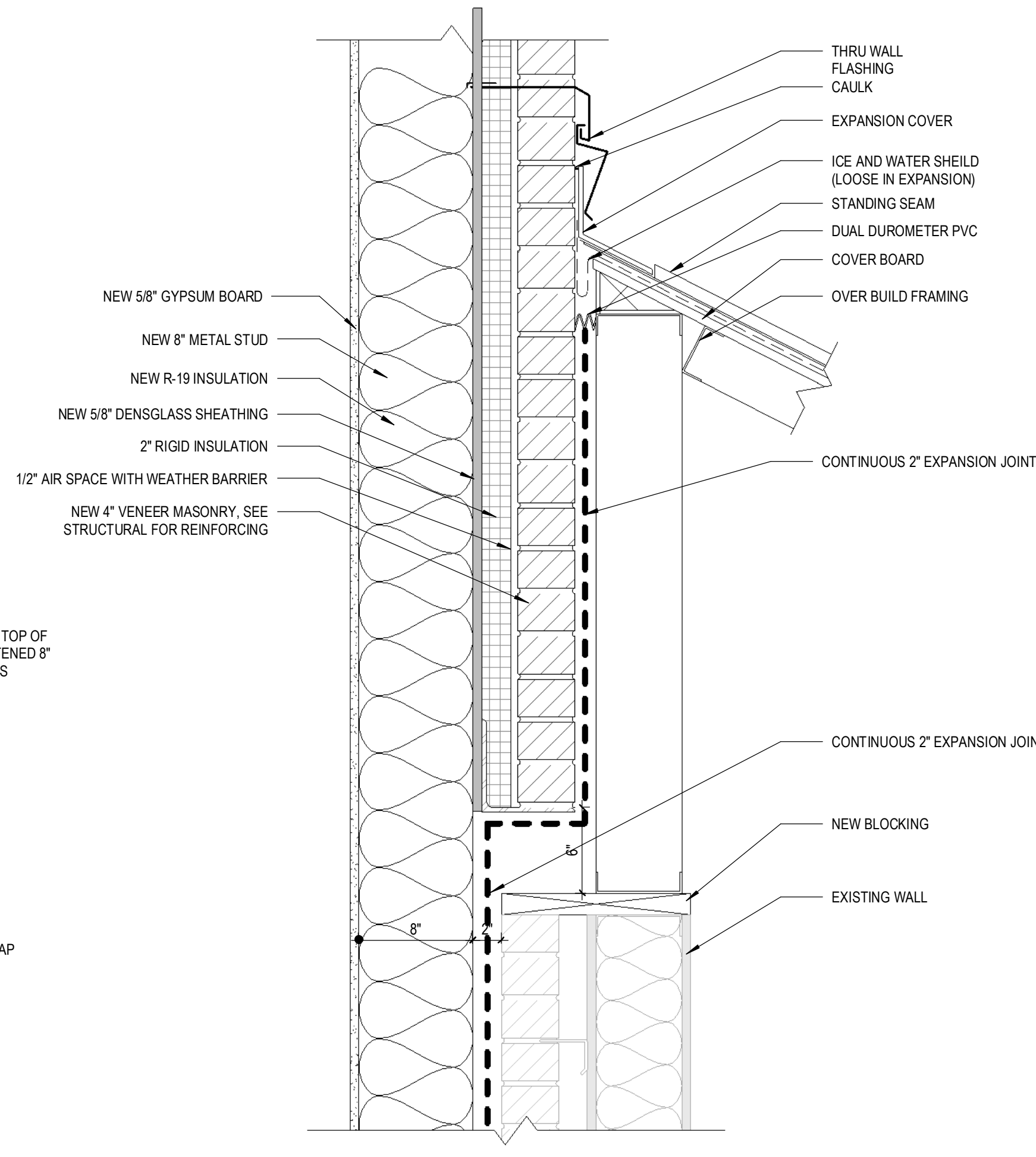
MARK	REVISION	DATE



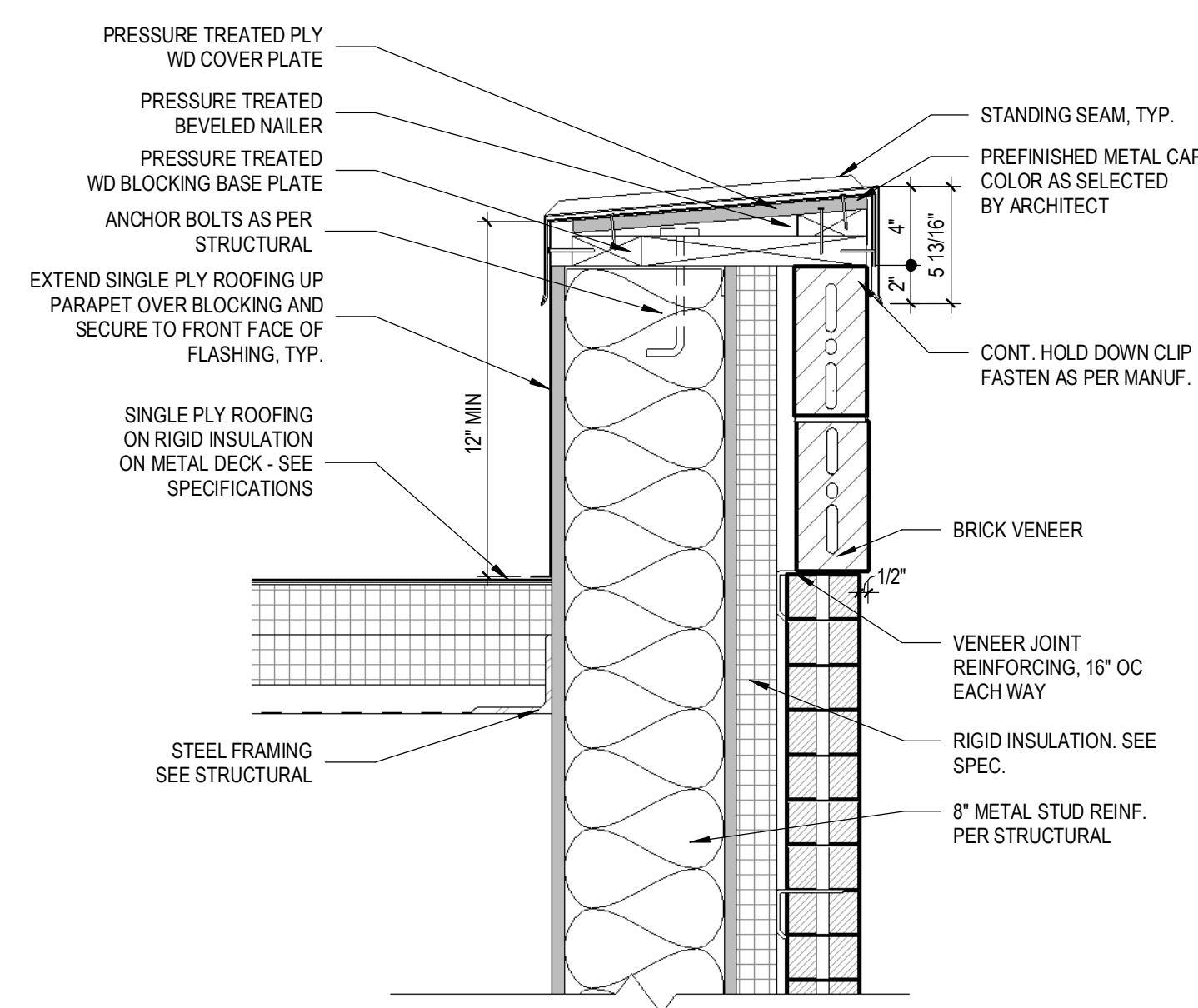
B1 STANDING SEAM CANOPY ROOF TIE-IN
A542 | SCALE: 1 1/2" = 1'-0"



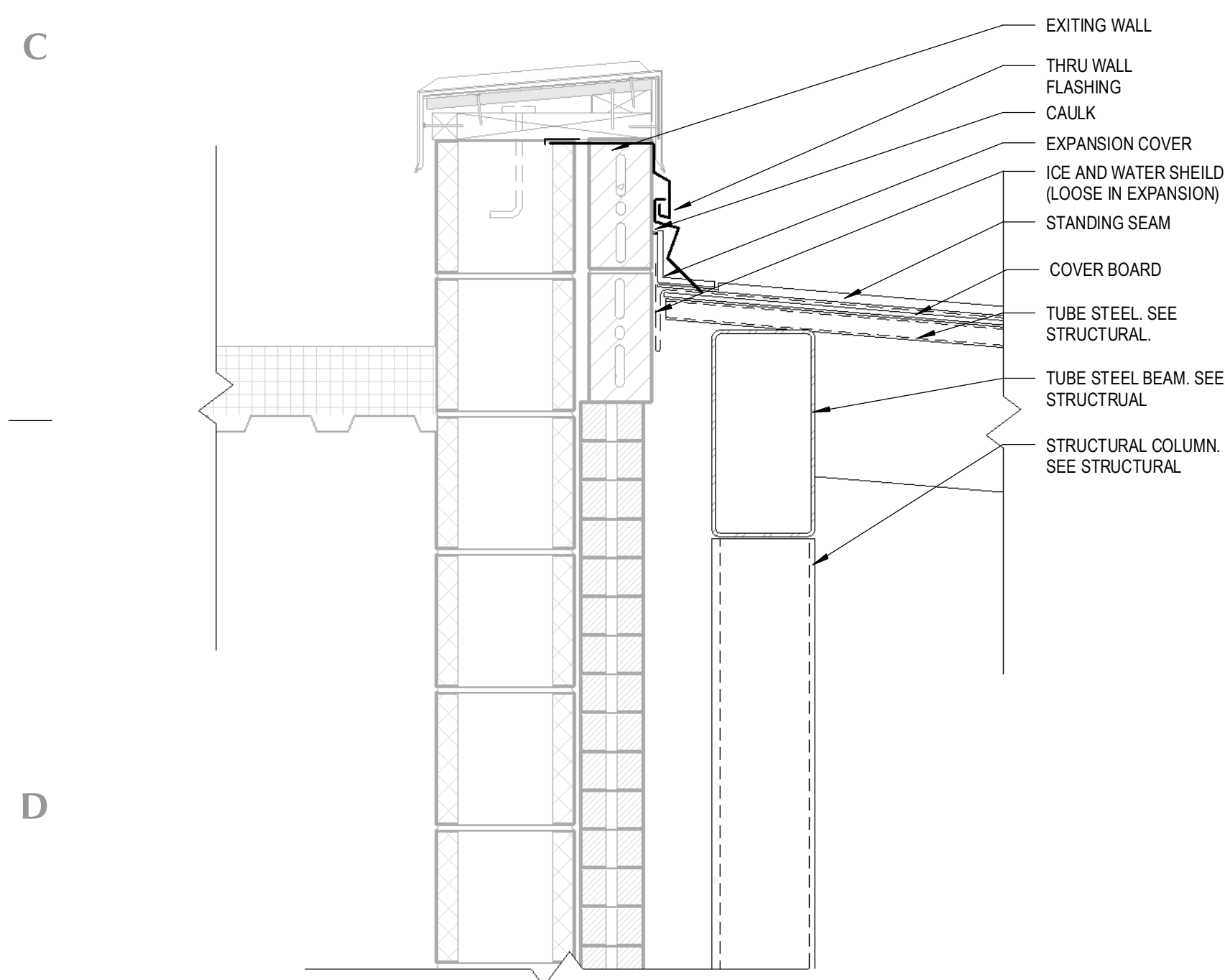
C3 EXISTING WALL TIE-IN
A542 | SCALE: 1 1/2" = 1'-0"



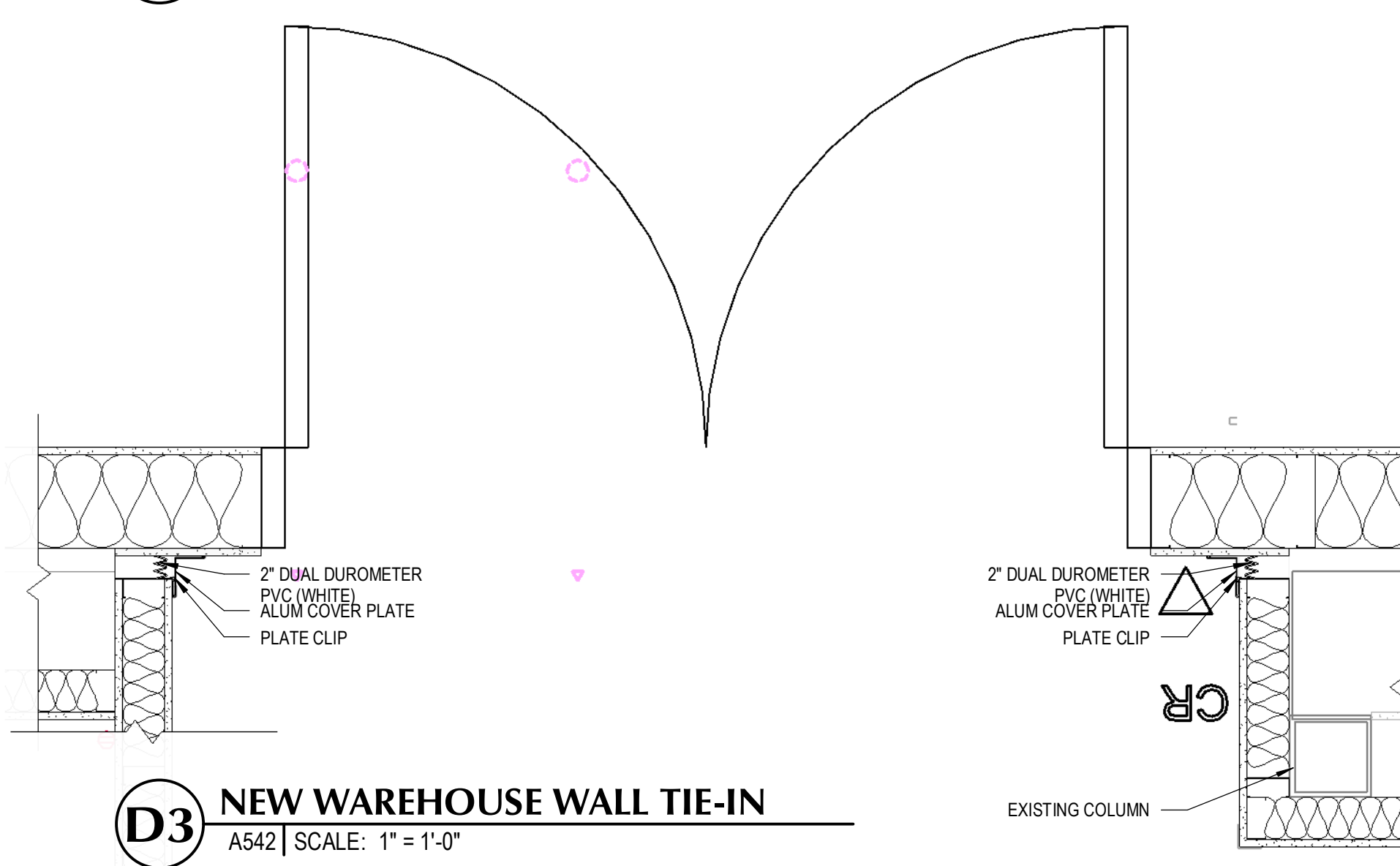
C5 STANDING SEAM OVERBUILD SECTION DETAIL
A542 | SCALE: 1 1/2" = 1'-0"



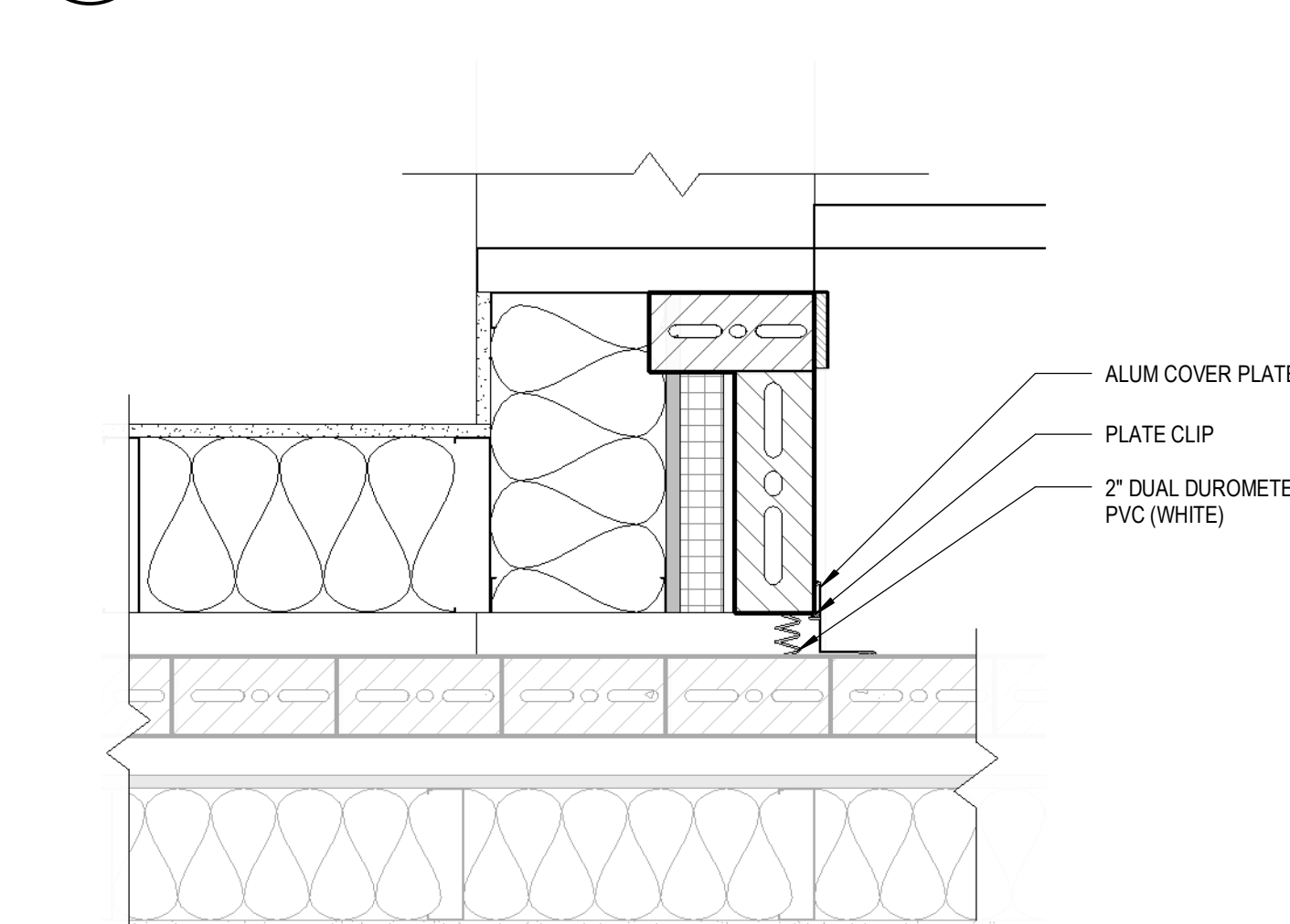
C6 PARAPET CAP
A542 | SCALE: 1 1/2" = 1'-0"



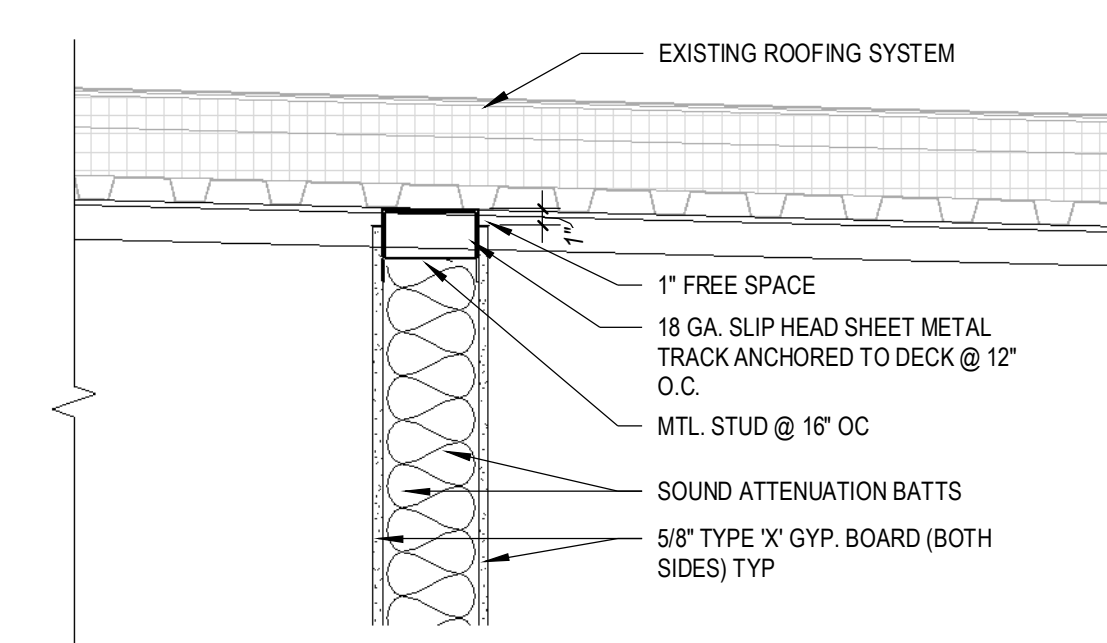
D1 STANDING SEAM CANOPY ROOF TIE-IN
A542 | SCALE: 1 1/2" = 1'-0"



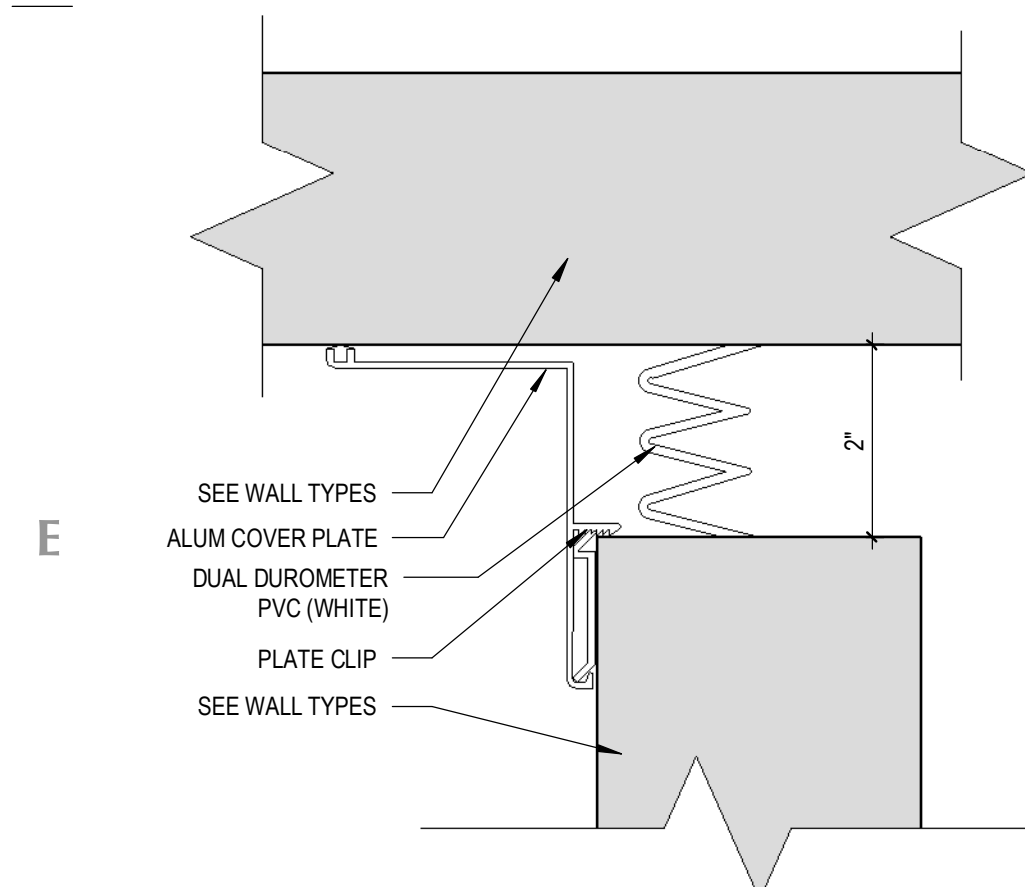
D3 NEW WAREHOUSE WALL TIE-IN
A542 | SCALE: 1" = 1'-0"



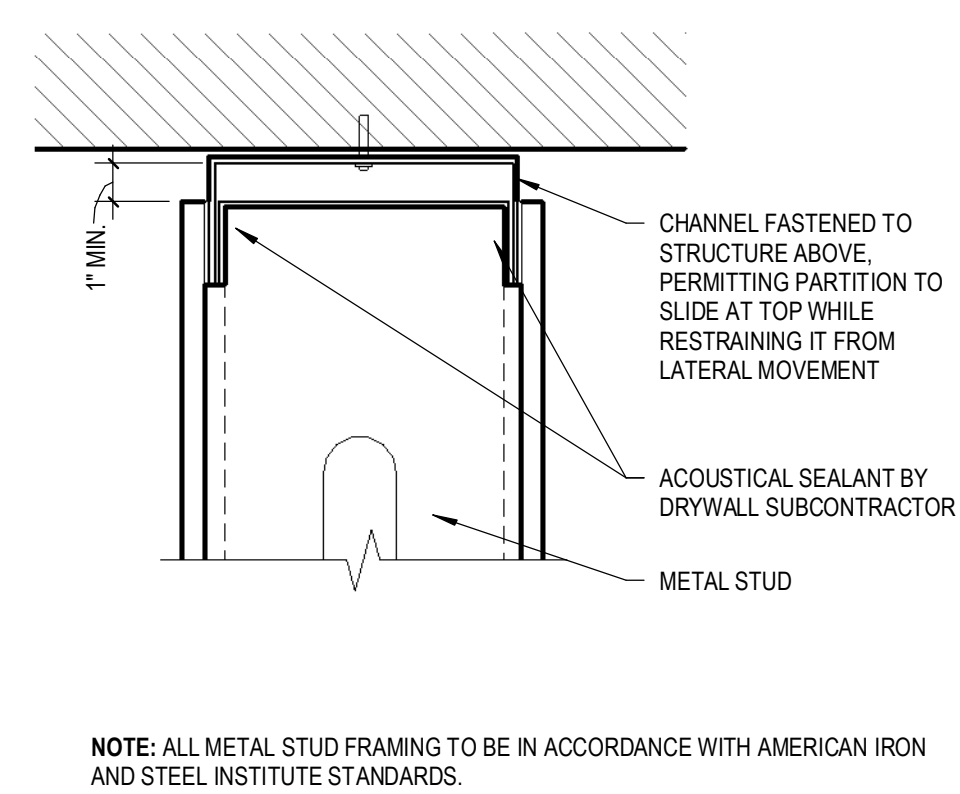
D5 TYP. EXPANSION JOINT
A542 | SCALE: 1 1/2" = 1'-0"



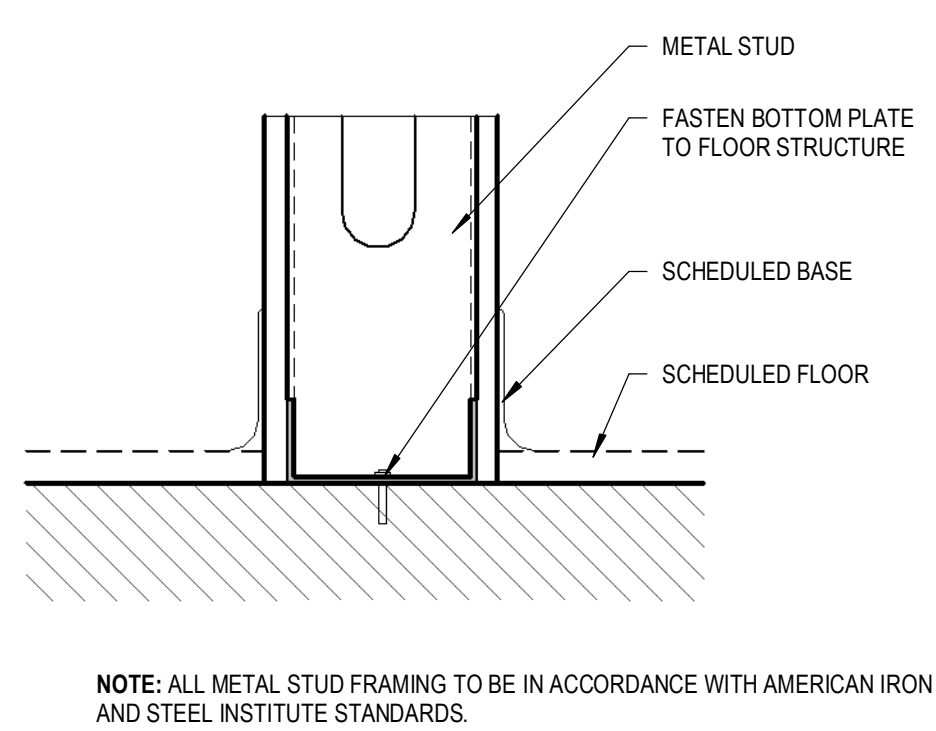
D6 STUD WALL TO EXISTING DECK DETAIL
A542 | SCALE: 1" = 1'-0"



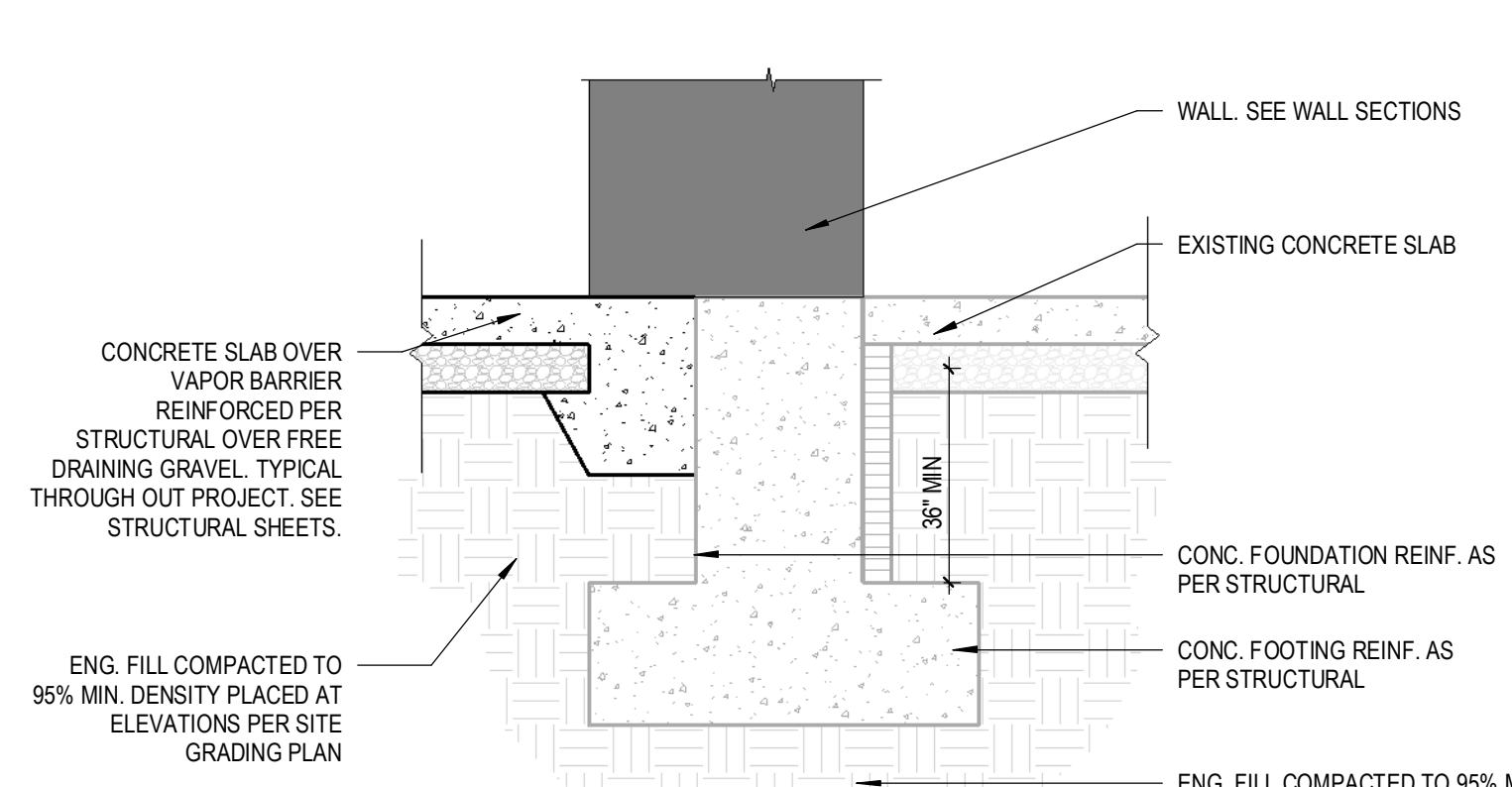
E1 TYP. WALL EXPANSION JOINT
A542 | SCALE: 6" = 1'-0"



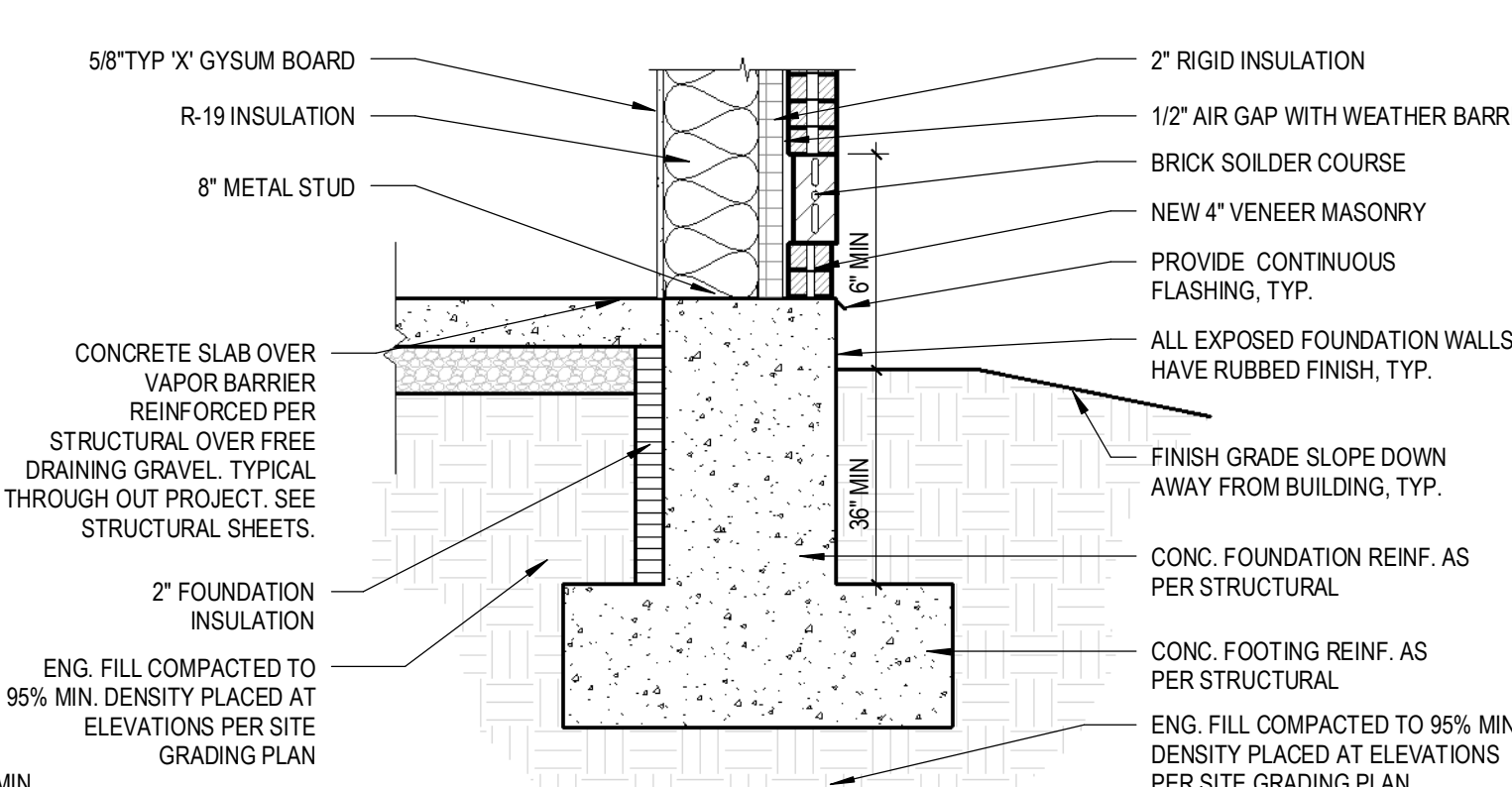
E2 WALL DEFLECTION DETAIL
A542 | SCALE: NOT TO SCALE



E3 WALL TO FLOOR DETAIL
A542 | SCALE: NOT TO SCALE



E4 FOUNDATION DETAIL
A542 | SCALE: 3/4" = 1'-0"



E6 FOUNDATION DETAIL
A542 | SCALE: 3/4" = 1'-0"

BIM 360/021-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt 12/23/2021 12:45:26 PM

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84042 PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p>	<p>OWNER: Provo City School District 527 S 1600 W ST PROVO, UTAH 84601</p>
<p>SHEET DESCRIPTION: SECTION DETAILS</p>	<p>SHEET: A542</p>

03 Dec 2021

BID DOCUMENTS

MARK	REVISION	DATE

A

B

C

D

E

1

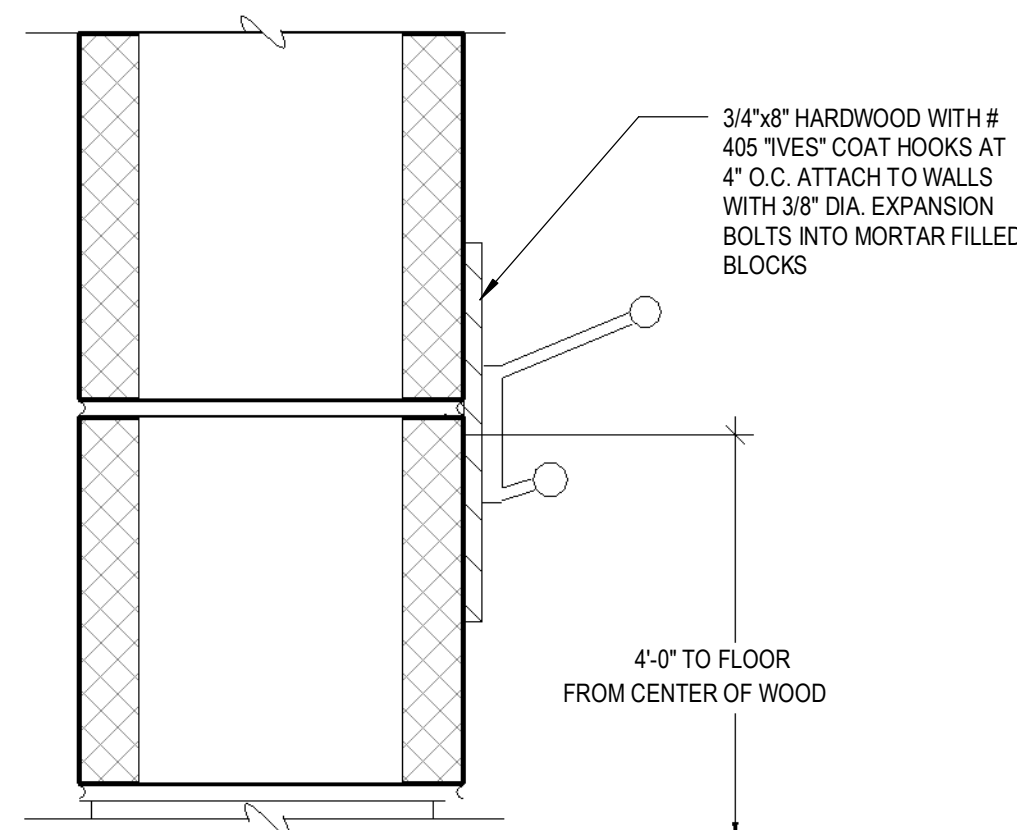
2

3

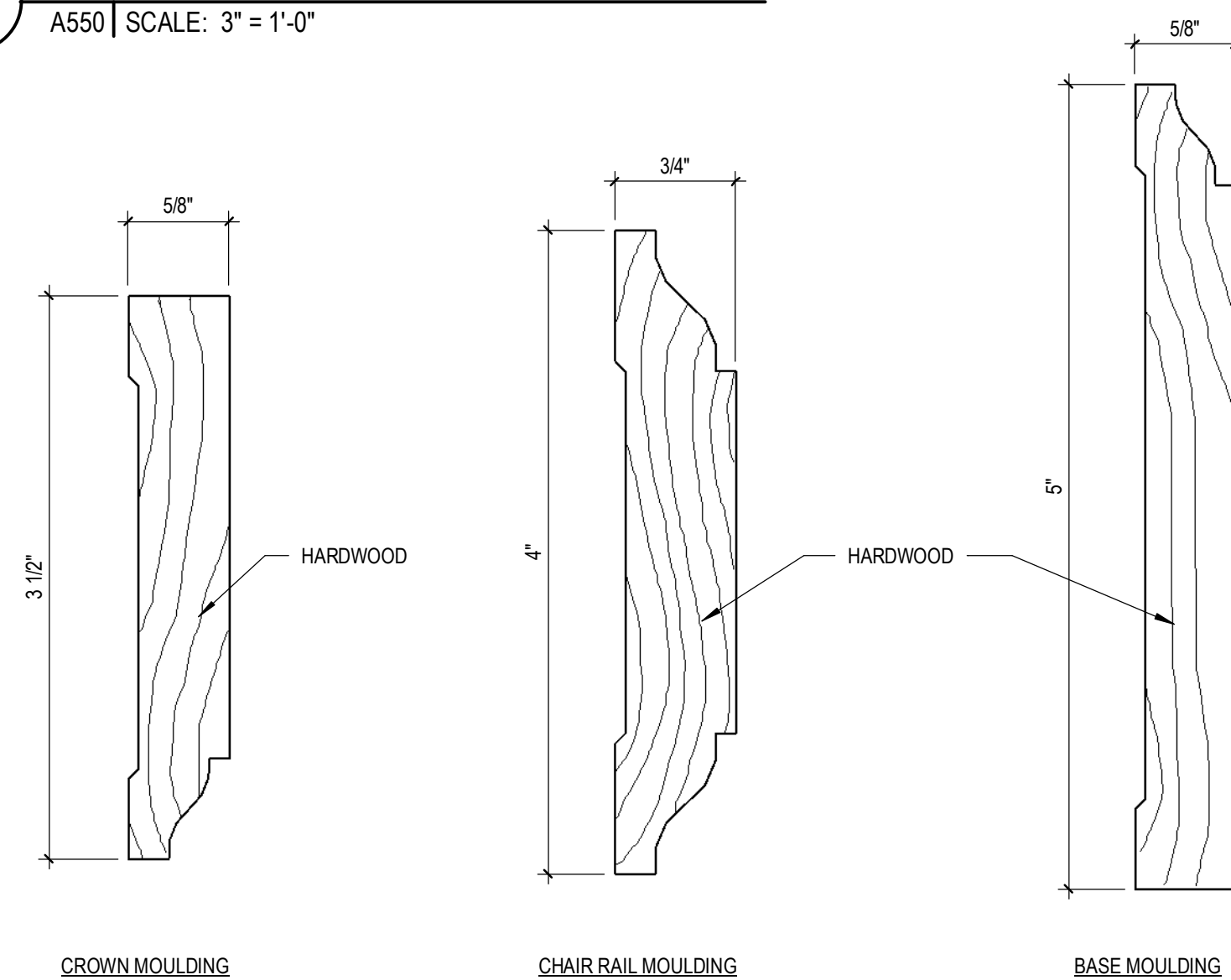
4

5

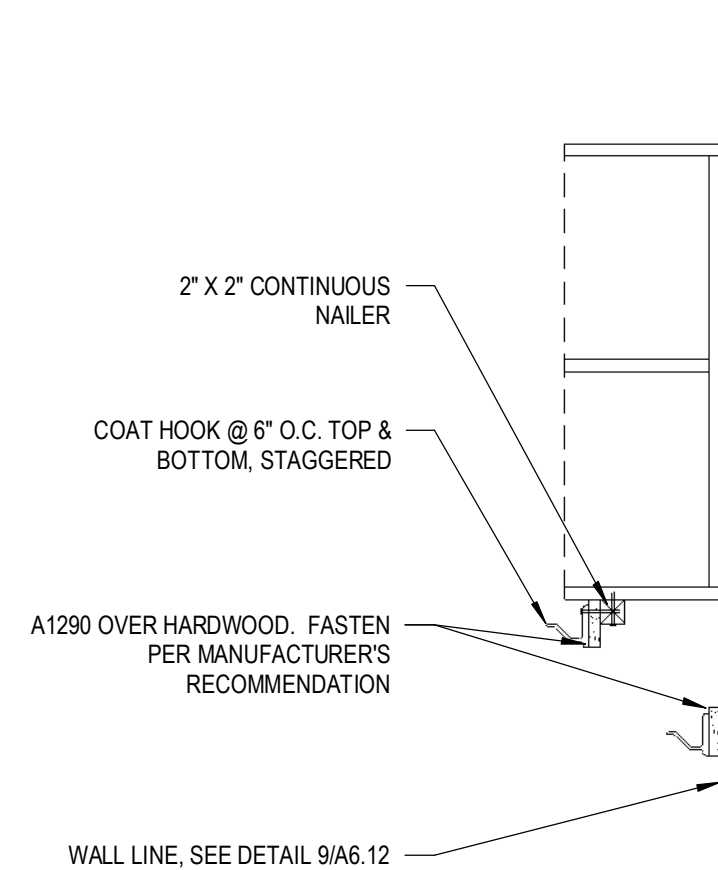
6



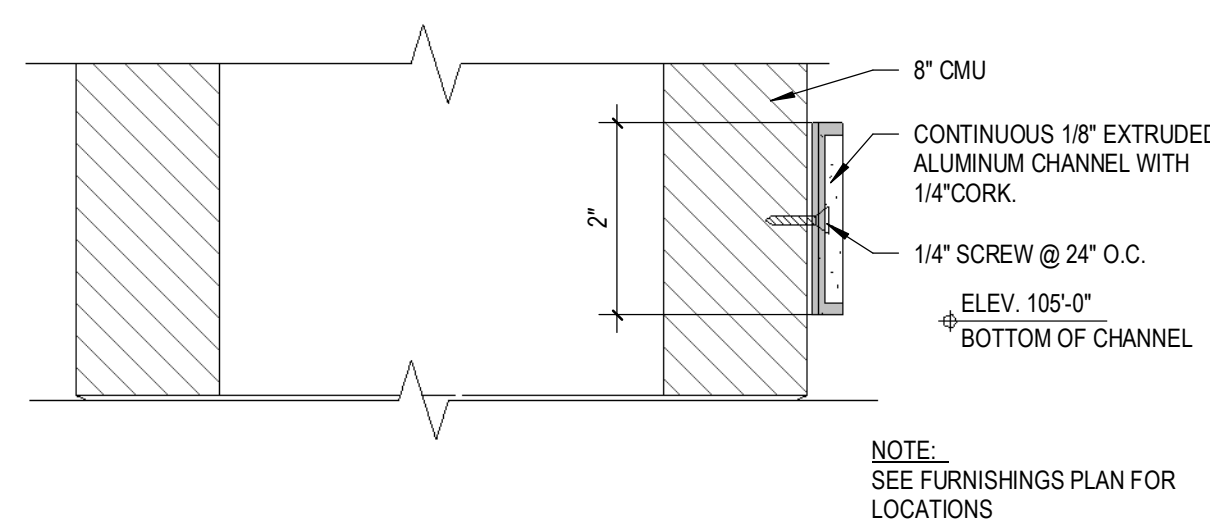
1 COAT HOOK DETAIL
A550 | SCALE: 3\"/>



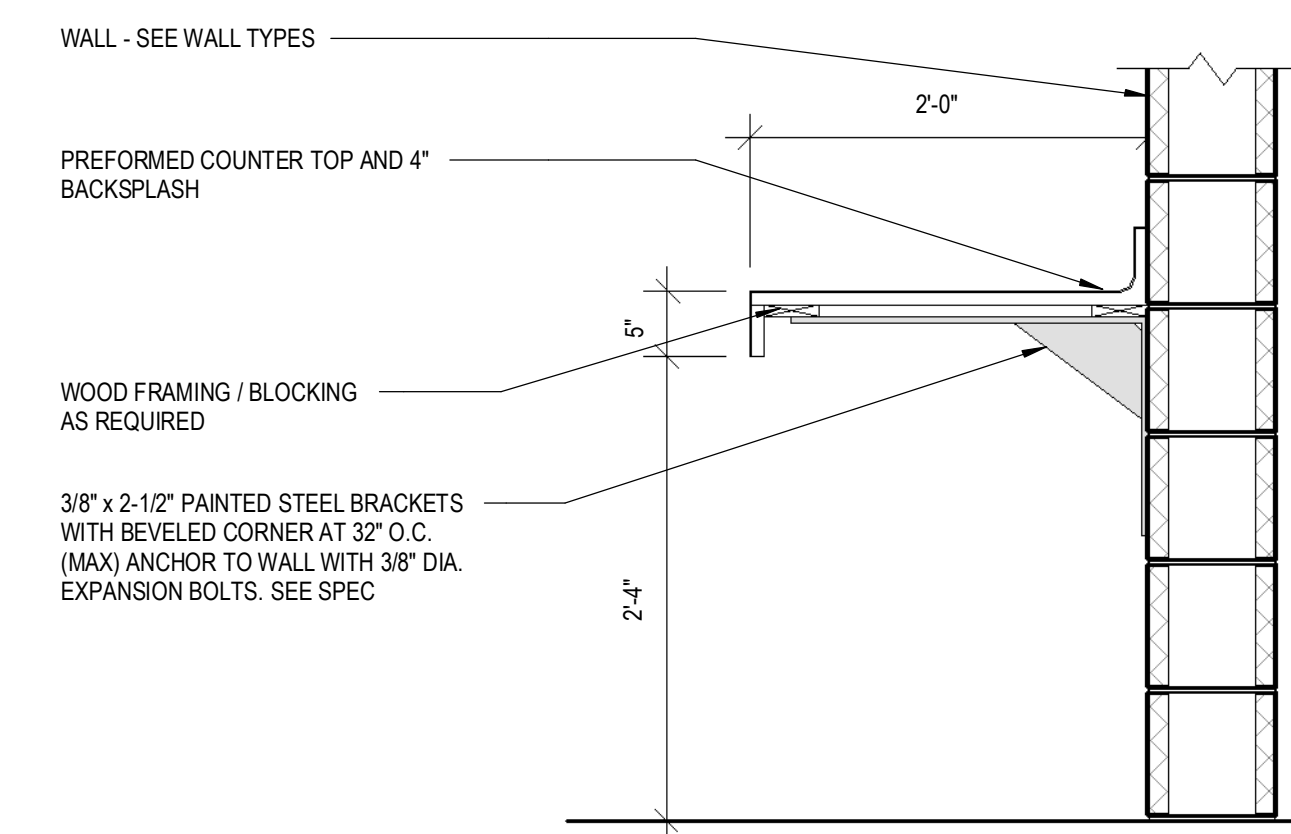
3 HARDWOOD MOULDINGS
A550 | SCALE: 12\"/>



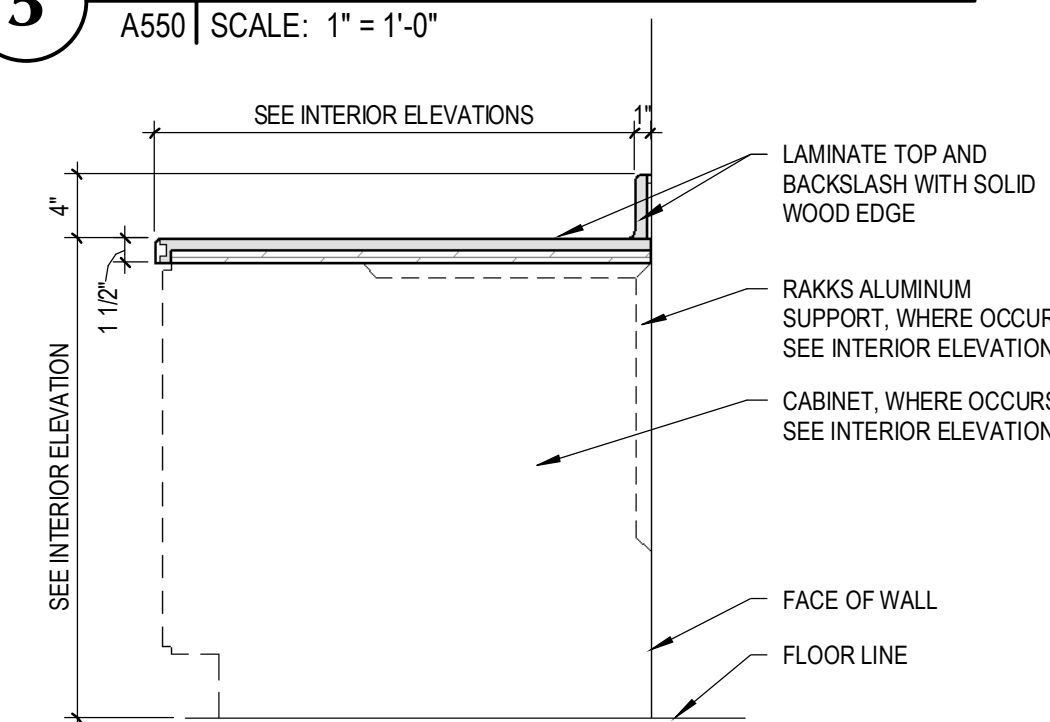
2 COAT RACK DETAIL
A550 | SCALE: 3/4\"/>



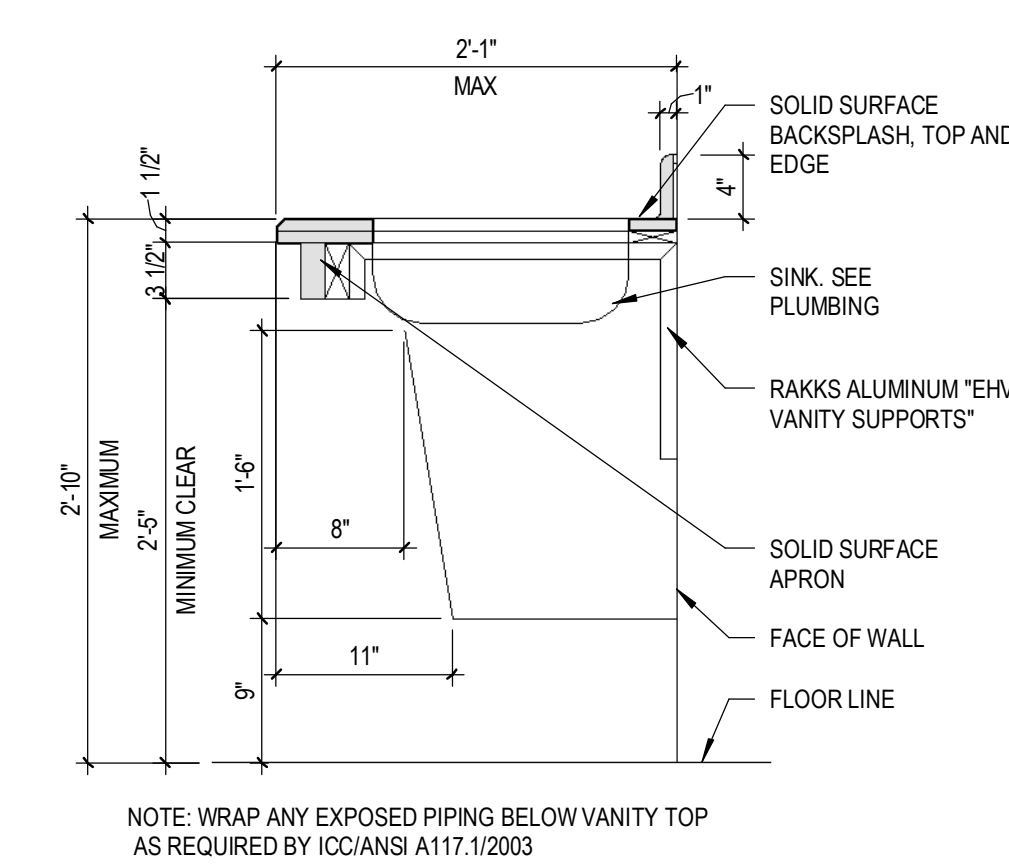
4 TACK STRIP DETAIL
A550 | SCALE: 6\"/>



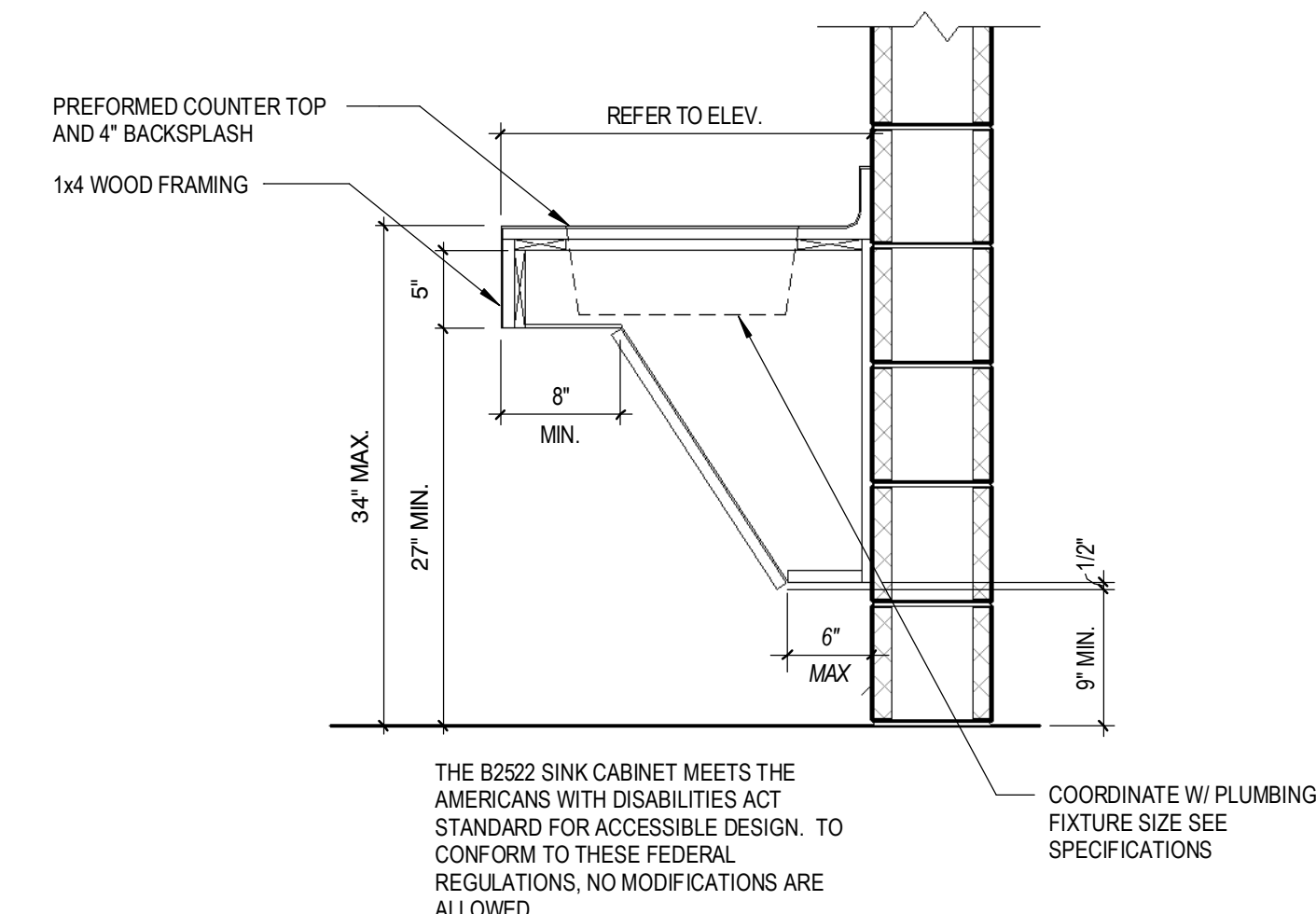
5 VANITY DETAIL
A550 | SCALE: 1\"/>



B4 TYPICAL COUNTER
A550 | SCALE: 1\"/>



C4 RESTROOM COUNTER
A550 | SCALE: 1\"/>



E3 ADA SINK CABINET DETAIL
A550 | SCALE: 1\"/>

- GENERAL NOTES**
- A. BACKSPLASH SHALL BE PROVIDED ON BACK WALL AND SIDE WALL WHERE PLUMBING IS SHOWN AS PART OF THE CABINERY. IF NO PLUMBING IS PRESENT A BACKSPLASH SHALL NOT BE REQUIRED. BACKSPLASH SHALL BE 3/4\"/>
 - B. COUNTERTOPS SHALL BE (2) LAYERS 3/4\"/>
 - C. IF THE TOP OF THE CABINET IS LESS THAN 18\"/>
 - D. A PLASTIC LAMINATE PANEL SHALL BE REQUIRED.
 - E. SEE ENLARGED FLOOR PLANS ON A451 FOR GROMMET AND HOLE PLACEMENT.

THESE DRAWINGS ARE INTENDED TO BE DRAWN IN COLOR

 <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>	
<p>SHEET DESCRIPTION: MILLWORK DETAILS</p>	
<p>SHEET: A550</p>	

BIM 360/21-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt 12/23/2021 12:45:28 PM

BID DOCUMENTS

MARK	REVISION	DATE

DOOR SCHEDULE							
MARK	SYSTEM TYPE	DOOR SIZE		MATERIAL		RATING	COMMENTS
		WIDTH	HEIGHT	DOOR	FRAME		
101A	I	3'-0"	8'-0"	HM	HM	03	MAG LOCKED
101B	A	3'-0"	7'-0"	HM	HM	02	
101C	C	10'-0"	12'-0"	STL	STL	01	MOTORIZED OVERHEAD COILING DOOR
101D	A	3'-0"	7'-0"	HM	HM	02	
102	B	3'-0"	7'-0"	HM	HM	04	

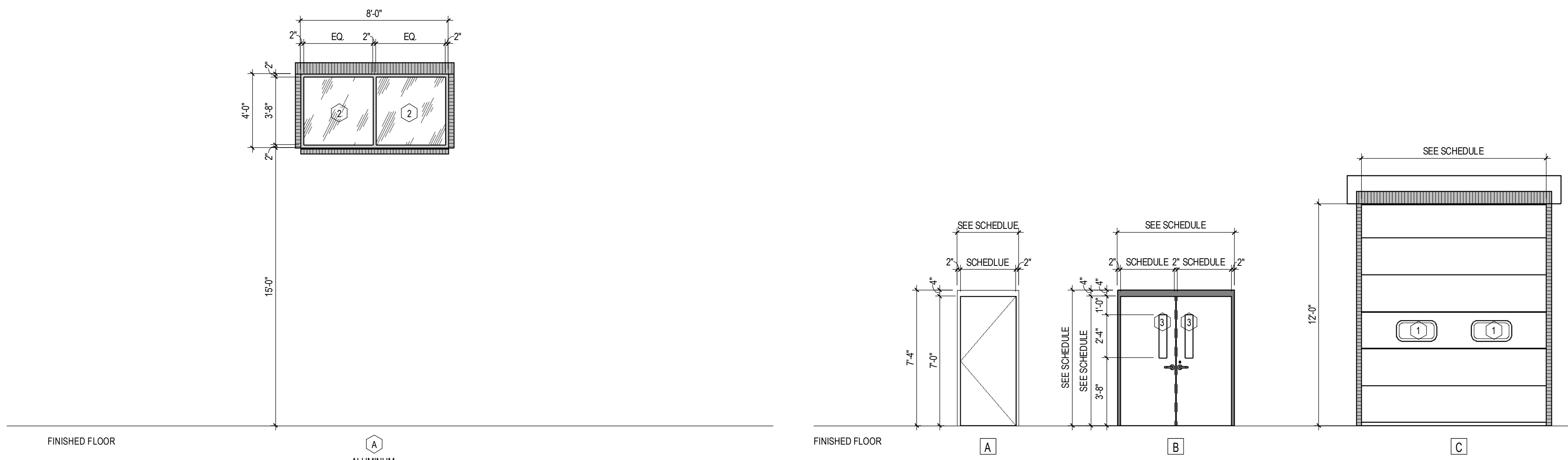
A

B

C

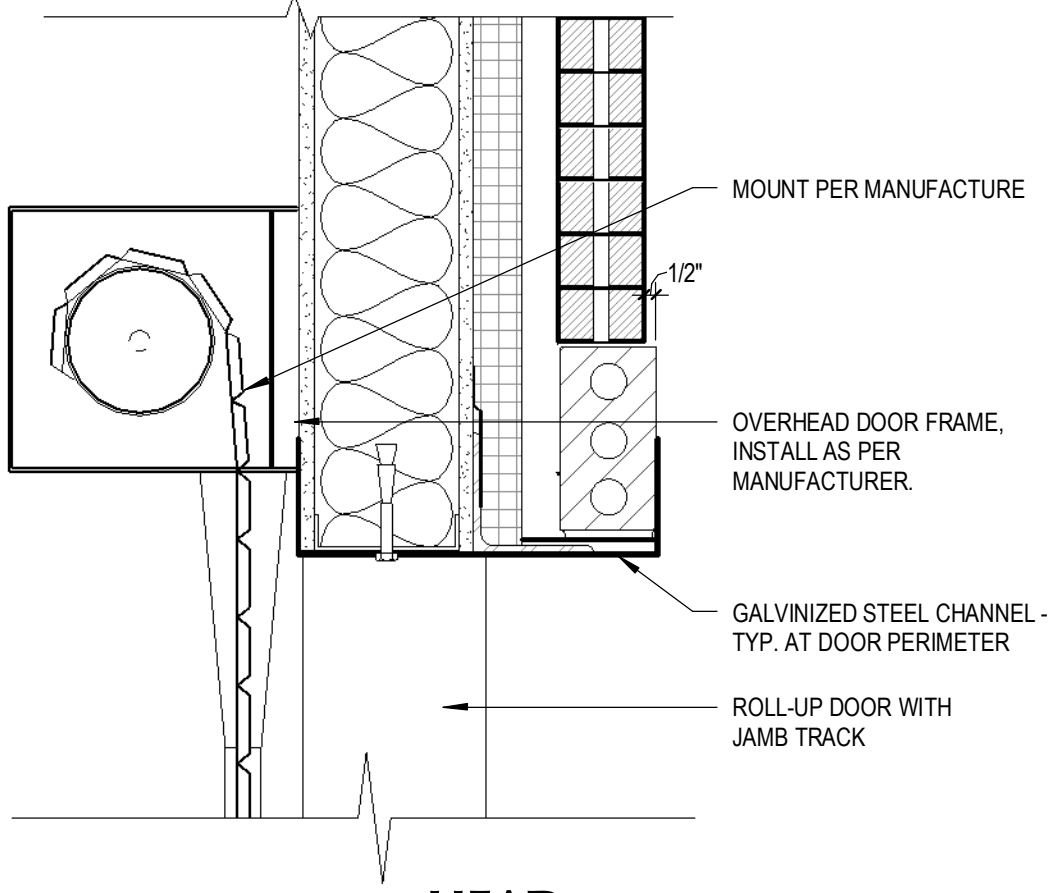
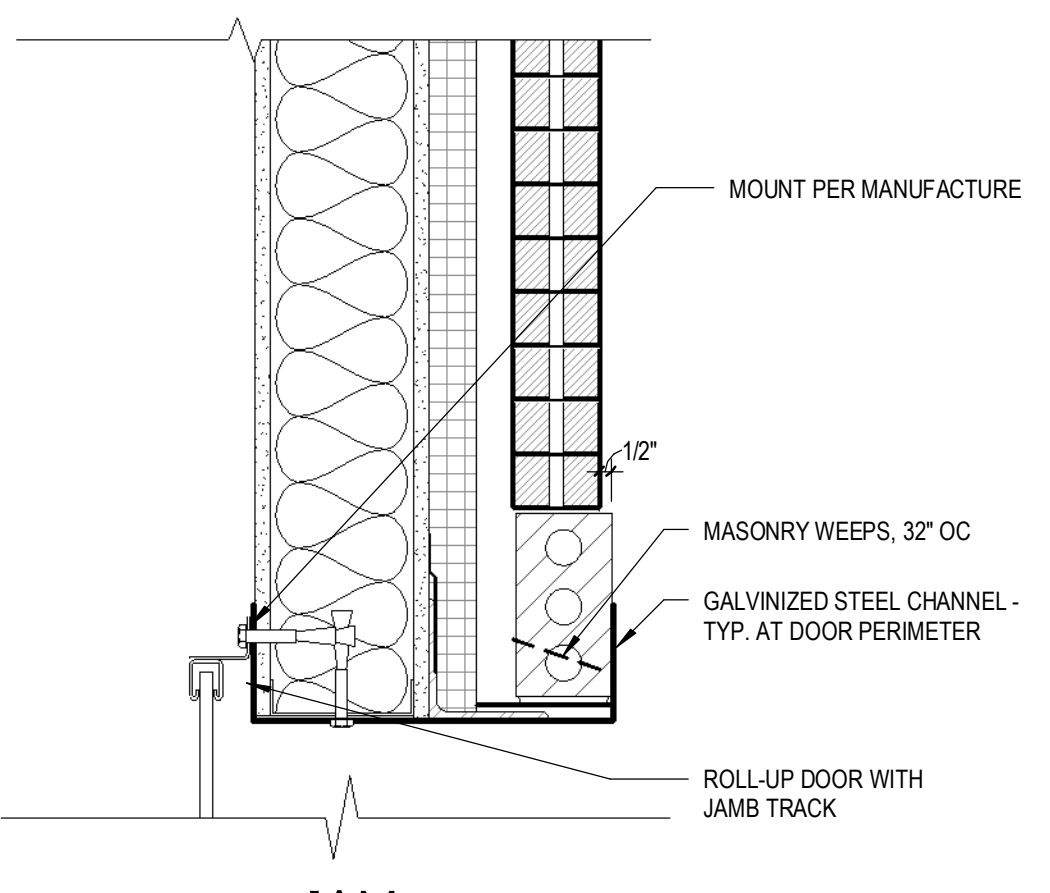
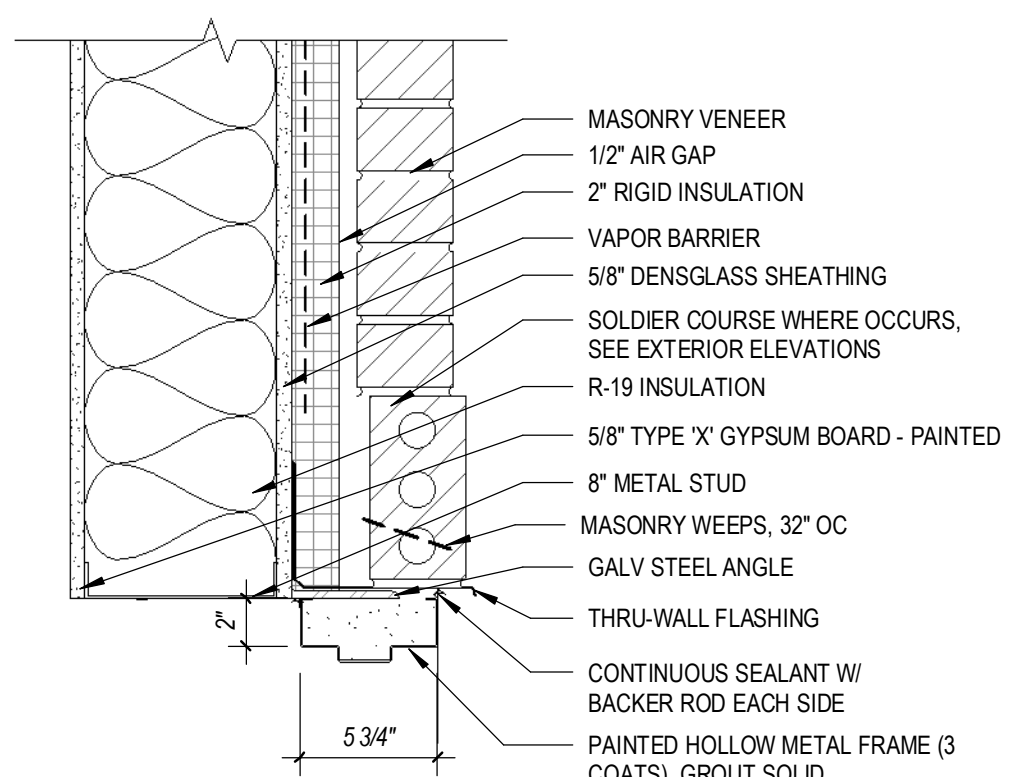
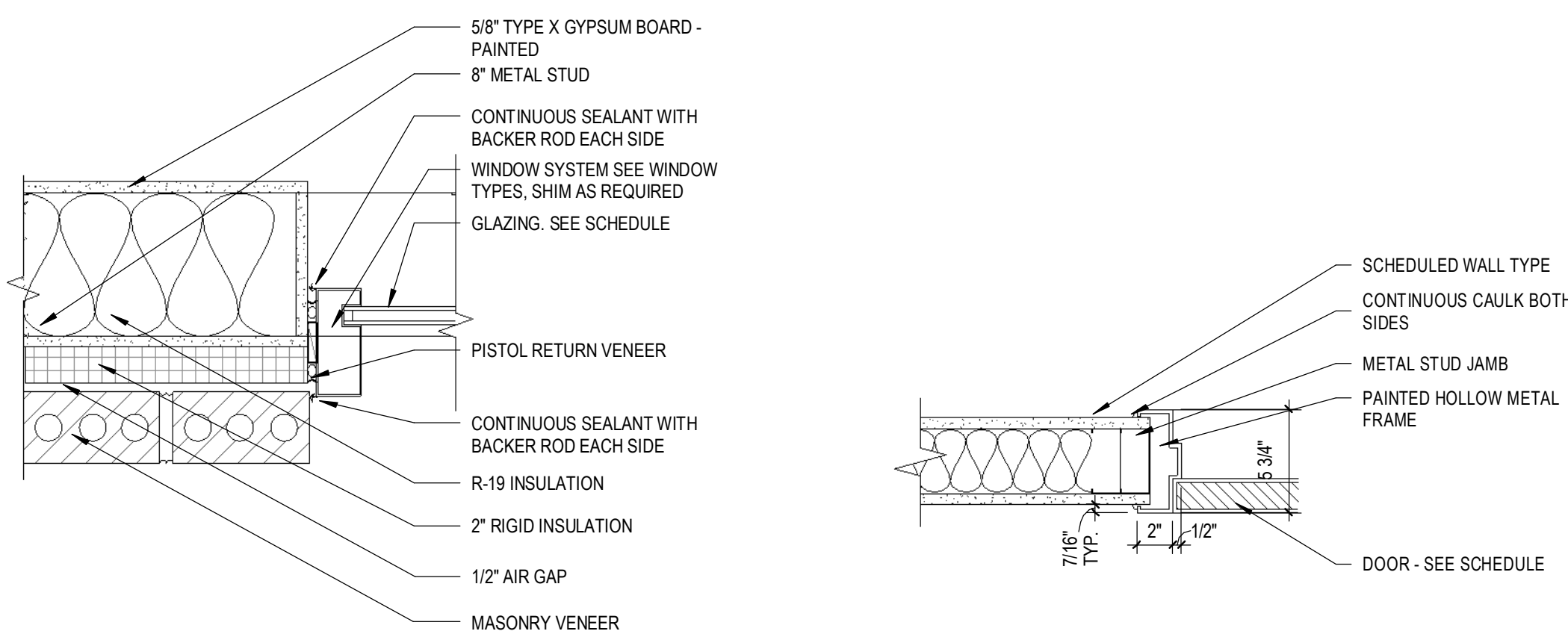
D

E



WINDOW TYPES
SCALE: 1/4" = 1'-0"

DOOR TYPES
SCALE: 1/4" = 1'-0"



C1 WINDOW JAMB - MTL STUD & VENEER
A600 | SCALE: 1 1/2" = 1'-0"

C2 DOOR JAMB DETAIL
A600 | SCALE: 1 1/2" = 1'-0"

C3 DOOR HEAD - MTL STUD & VENEER
A600 | SCALE: 1 1/2" = 1'-0"

C4 EXTERIOR OVERHEAD DOOR
A600 | SCALE: 1 1/2" = 1'-0"

HEAD

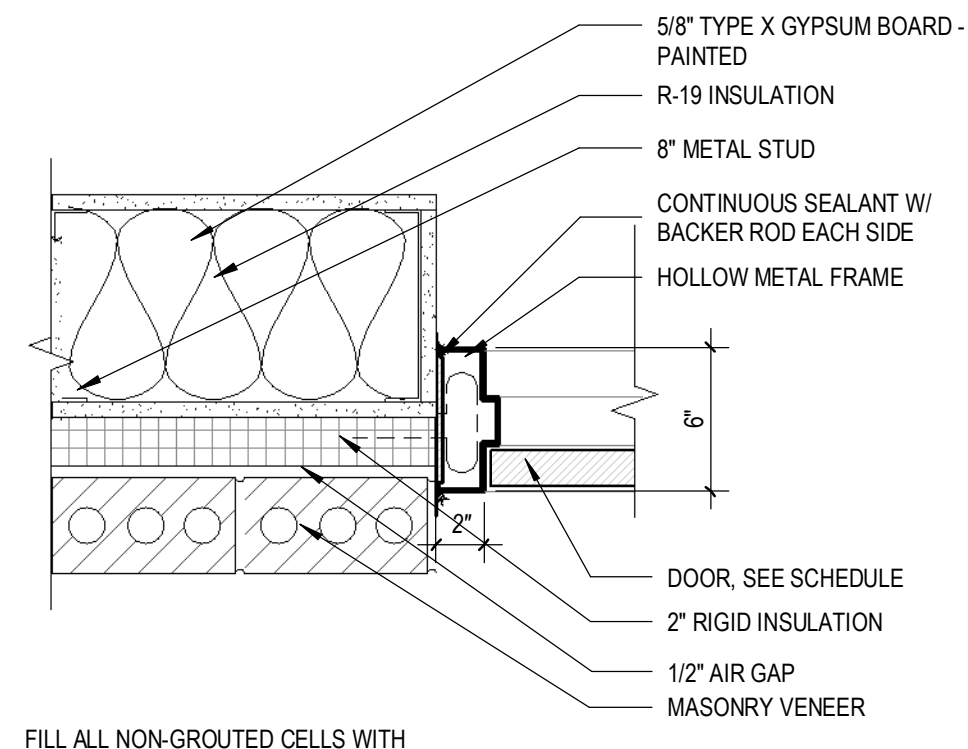
GLAZING SCHEDULE

- 1 INSULATED TEMPERED CLEAR LOW-E GLASS
- 2 1" INSULATED ANNEALED CLEAR LOW-E GLASS - PPG SOLARBAN 70 XL (2)
- 3 1/4" TEMPERED CLEAR GLASS

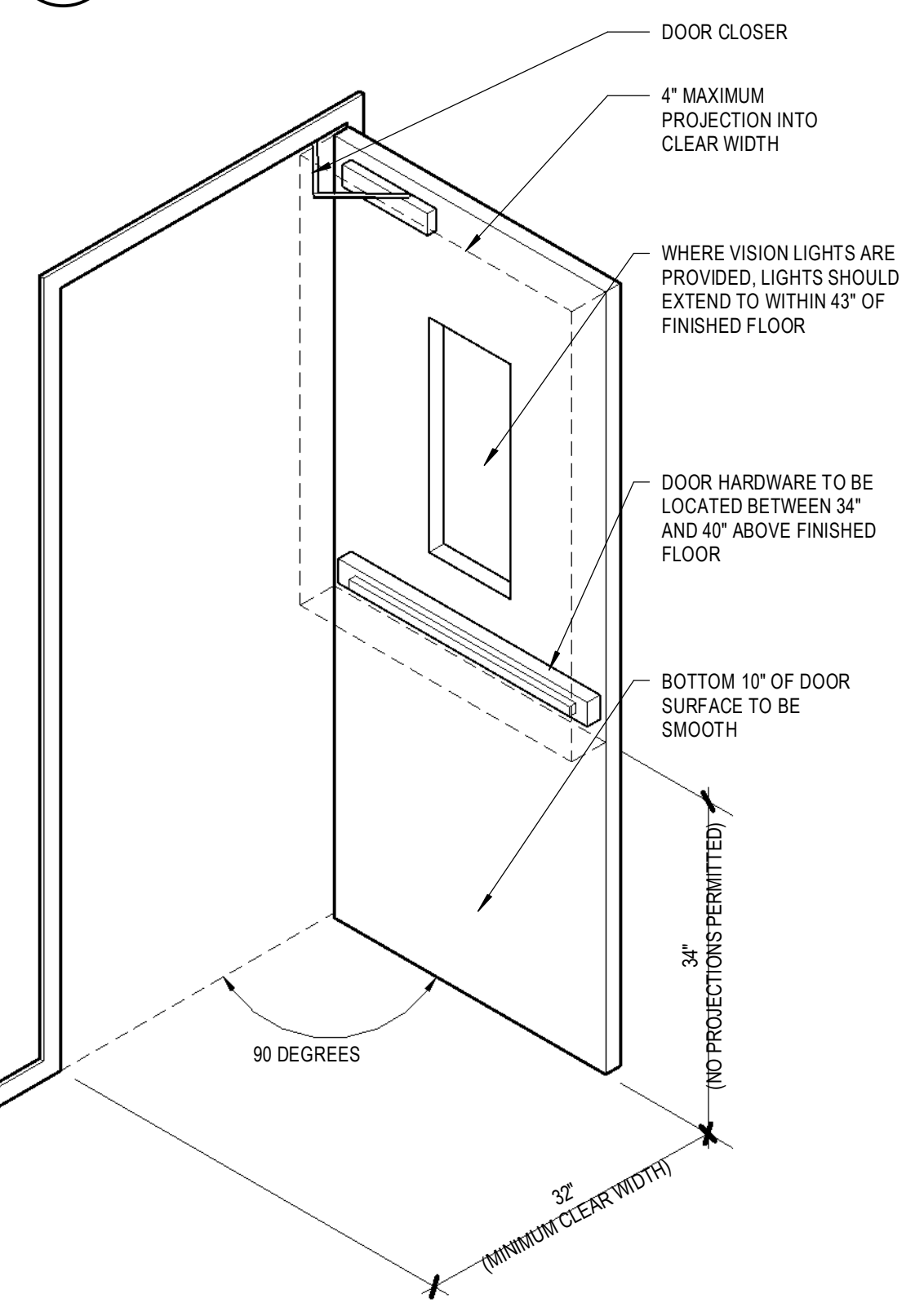
NOTE:
- EXTERIOR DOORS & WINDOWS TO BE GLAZING TYPES 1 & 2
- INTERIOR DOORS & WINDOWS TO BE GLAZING TYPES 3 &
- TEMPERED GLASS WITHIN 4'-0" OF ANY DOOR/OPENING

GENERAL NOTES

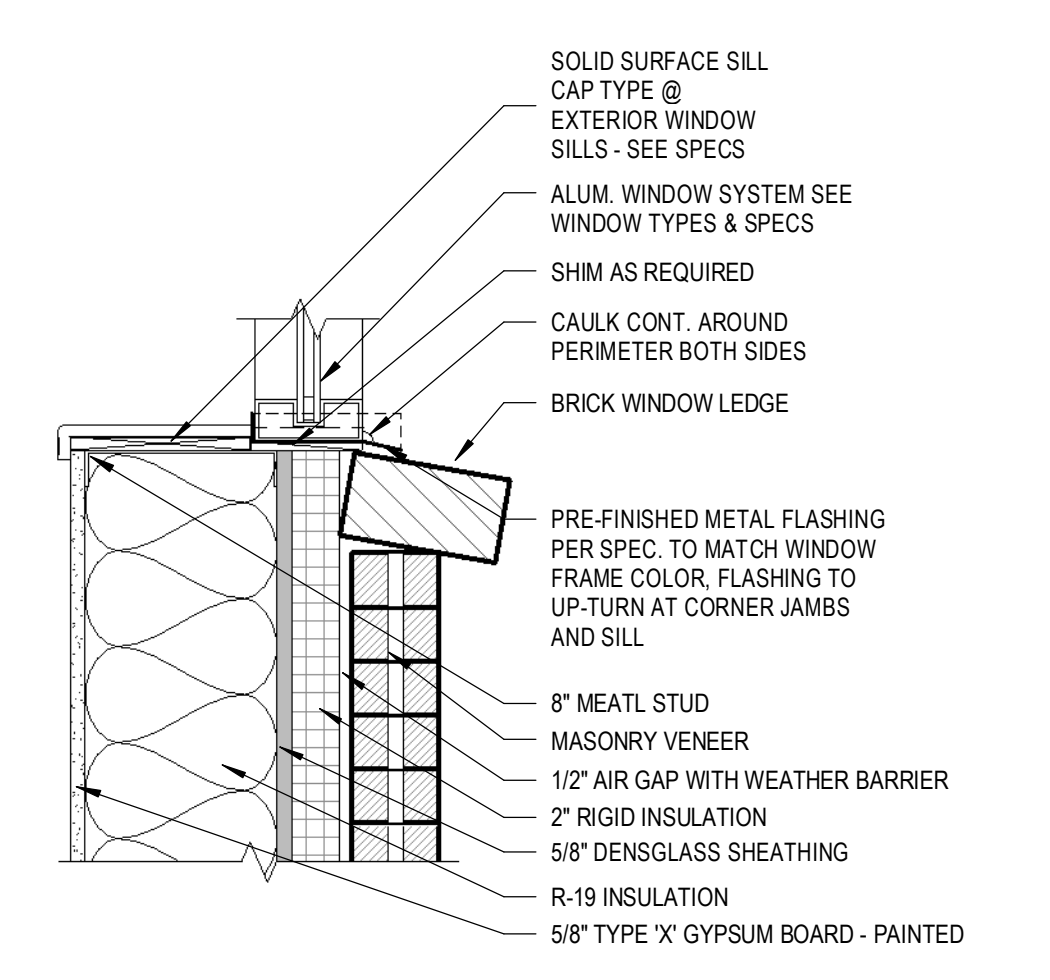
- A. THE CONTRACTOR IS TO VERIFY THE DIMENSIONS OF ALL OPENINGS PRIOR TO THE FABRICATION OF ALL DOORS AND FRAMES.
- B. DUE TO MULTIPLE USE, SOME OF THE DETAILS REFERRED TO ON THE DOOR SCHEDULE ARE REVERSED OR TURNED FROM THE DIRECTION SHOWN ON THE FLOOR PLANS. THE INTENT OF THE DETAILS IS TO BE FOLLOWED. CONSULT THE ARCHITECT WHEN QUESTIONS ARISE.
- C. ALL EXIT ACCESS DOORS AND EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT. USE OF MANUAL FLUSH BOLTS, EDGE BOLTS, TOP OR BOTTOM BOLTS, ETC. IS PROHIBITED.
- D. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES WILL BE 5 SECONDS MINIMUM.
- E. FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE REQUIRED FORCE FOR PUSHING OPEN OR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL BE 5 POUNDS. THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION.
- F. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC DOORS, POWER ASSISTED DOORS, AND SLIDING DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHEN NARROW STILE AND RAIL DOORS ARE USED, A 10" MINIMUM SMOOTH PANEL EXTENDING THE FULL WIDTH OF THE DOOR, SHALL BE INSTALLED ON THE PUSH SIDE(S) OF THE DOOR WHICH ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. CAVITIES CREATED BY KICK PLATES SHALL BE CAPPED.
- G. ALL DOOR LOCKSETS AND PANIC DEVICES SHALL BE ADA COMPLIANT LEVER TYPE. CALK HEAD, JAMBS, AND SILLS OF ALL DOORS AND WINDOWS WITH SEALANT CONTINUOUSLY APPLIED TO BOTH SIDES OF THE FRAMES.
- H. COORDINATE KEYS TYPE AND SCHEDULE WITH OWNER.
- J. ALL DOOR CLOSURES TO BE SET IN ACCORDANCE WITH THE ADA REDUCED OPENING FORCE REQUIREMENTS.
- L. SEE SPECIFICATIONS FOR DOOR HARDWARE, GLAZING OF CURTAIN WALL AND SUPPORT AS PER MANUFACTURER RECOMMENDATIONS. COORDINATE LOADS WITH STRUCTURAL PRIOR TO STEEL FABRICATION.



D2 DOOR JAMB - MTL STUD & VENEER
A600 | SCALE: 1 1/2" = 1'-0"

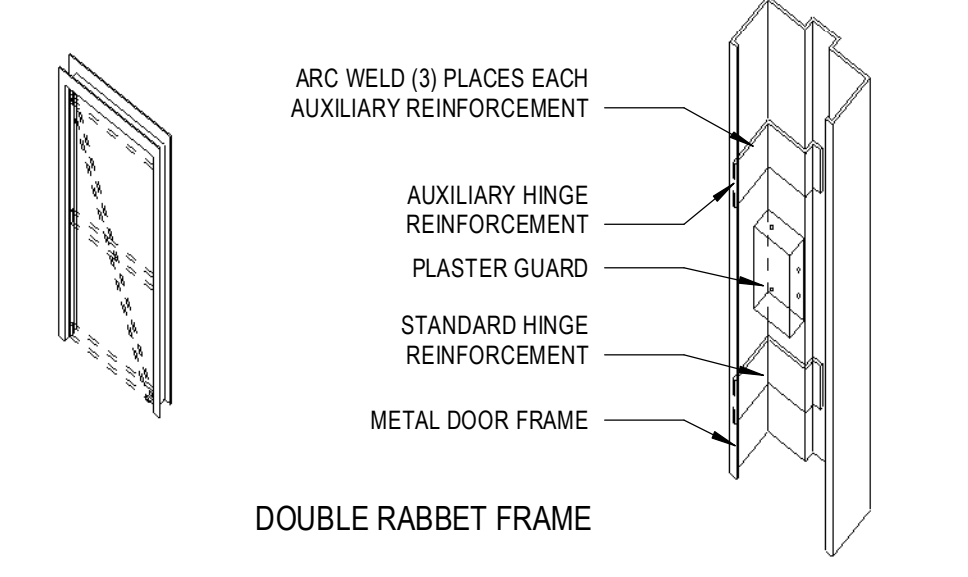


E3 ACCESSIBLE DOOR
A600 | SCALE: 1/4" = 1'-0"

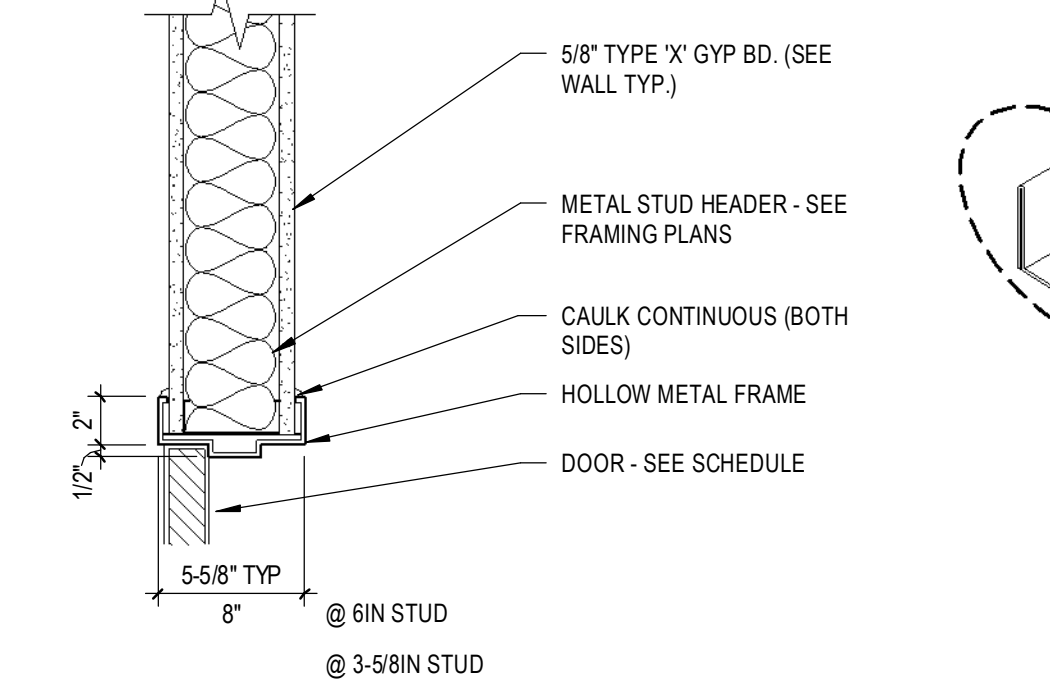


D4 WINDOW SILL - MTL STUD & VENEER
A600 | SCALE: 1 1/2" = 1'-0"

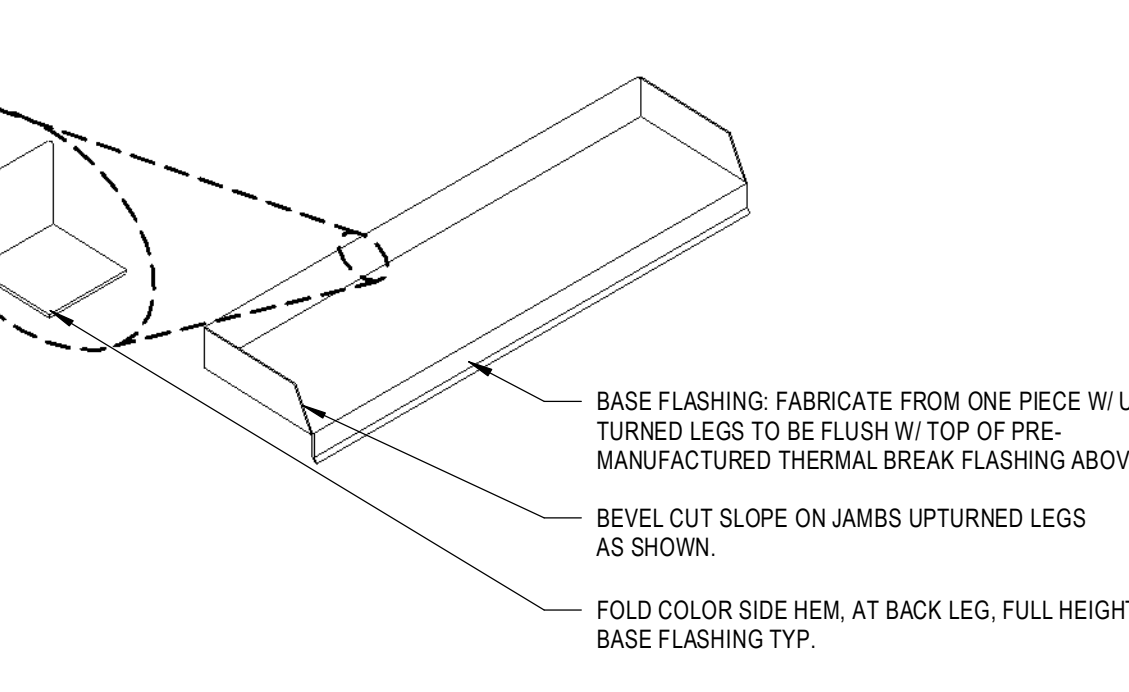
D6 WINDOW HEAD - MTL STUD & VENEER
A600 | SCALE: 1 1/2" = 1'-0"



E2 TYPICAL HOLLOW METAL FRAME REINFORCEMENT
A600 | SCALE: 1 1/2" = 1'-0"



E4 DOOR HEAD DETAIL
A600 | SCALE: 1 1/2" = 1'-0"



E6 TYP. SILL FLASHING DETAIL
A600 | SCALE: 1 1/2" = 1'-0"

NOTE:
1. THIS CONDITION OCCURS AT ALL HOLLOW METAL FRAMES.
2. REINFORCEMENT REQUIRED AT TOP AND BOTTOM HINGES.

NOTE: HARDWARE TO BE OPERATED WITH ONE HAND, WITHOUT TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THRESHOLDS ARE LIMITED TO 12" MAXIMUM HEIGHT. INTERIOR DOORS, OTHER THAN FIRE DOORS, SHOULD BE ABLE TO BE OPERATED WITH 5 POUNDS OF FORCE. EXTERIOR DOOR AND FIRE DOORS ARE REGULATED BY THE AUTHORITY HAVING JURISDICTION. REFER TO ANSI STANDARD A117.1 FOR APPROACH REQUIREMENTS.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>CURTIS MINER ARCHITECTURE</p>	<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p>	<p>OWNER: Provo City SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: DOOR SCHEDULE & DOOR TYPES</p>	<p>SHEET: A600</p>	<p>BID DOCUMENTS</p>

MARK	REVISION	DATE

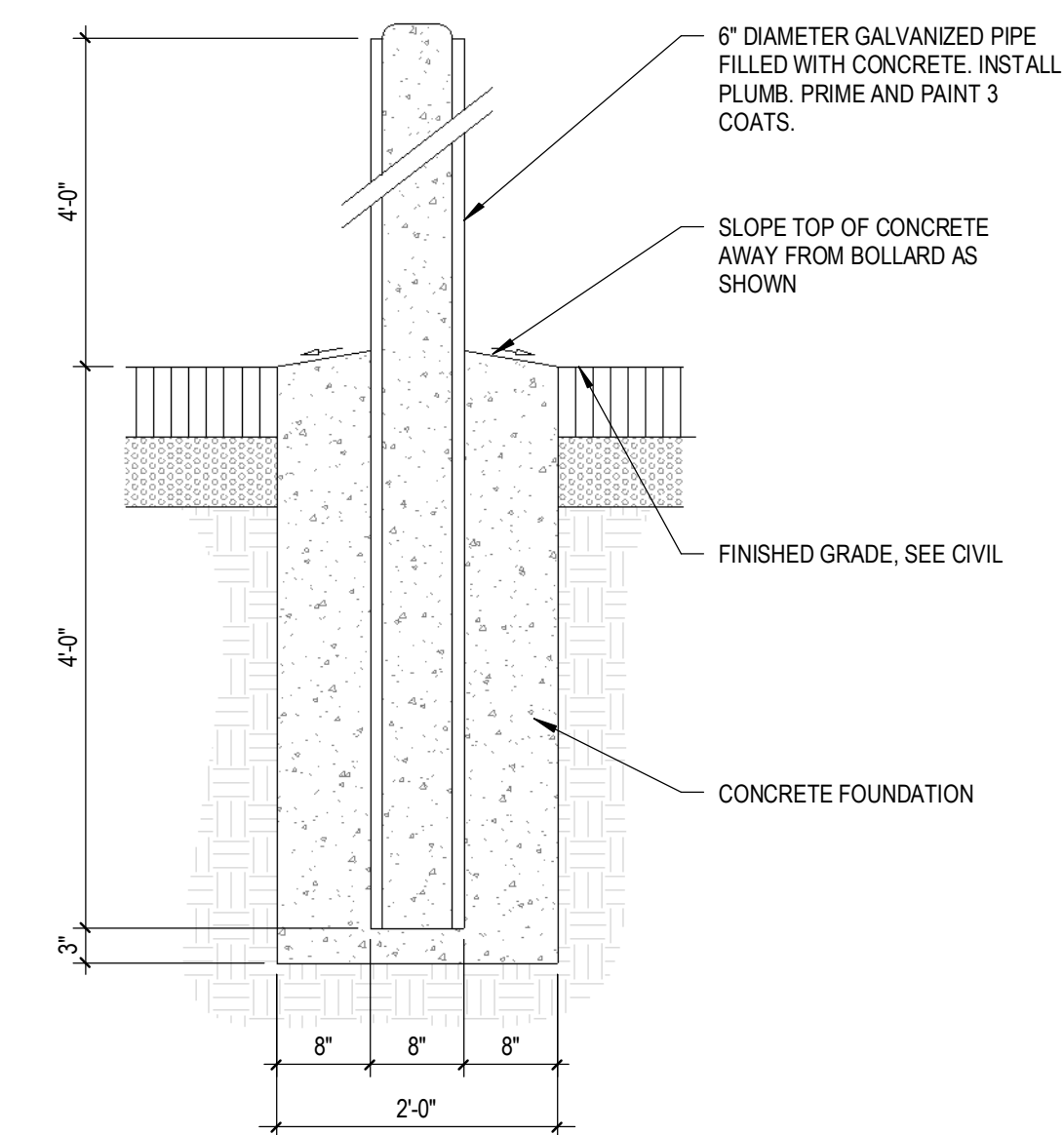
A

B

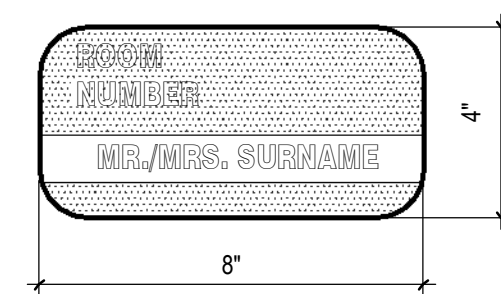
C

D

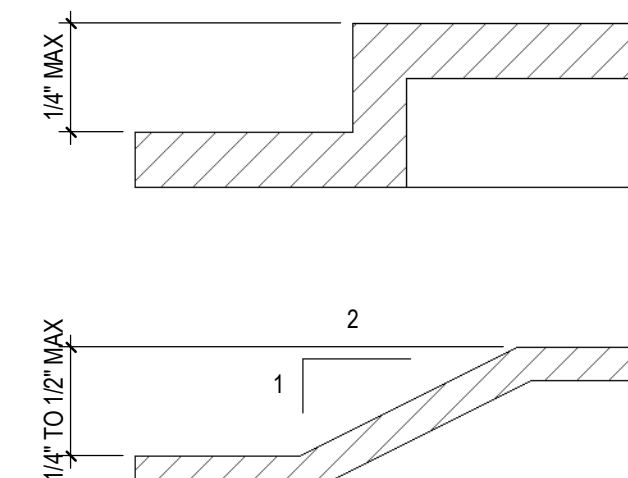
E



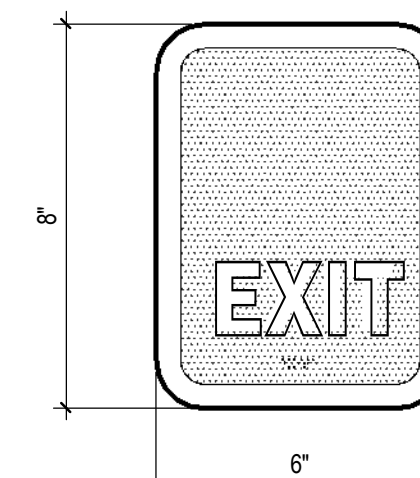
C6 BOLLARD DETAIL
A701 | SCALE: 3/4" = 1'-0"



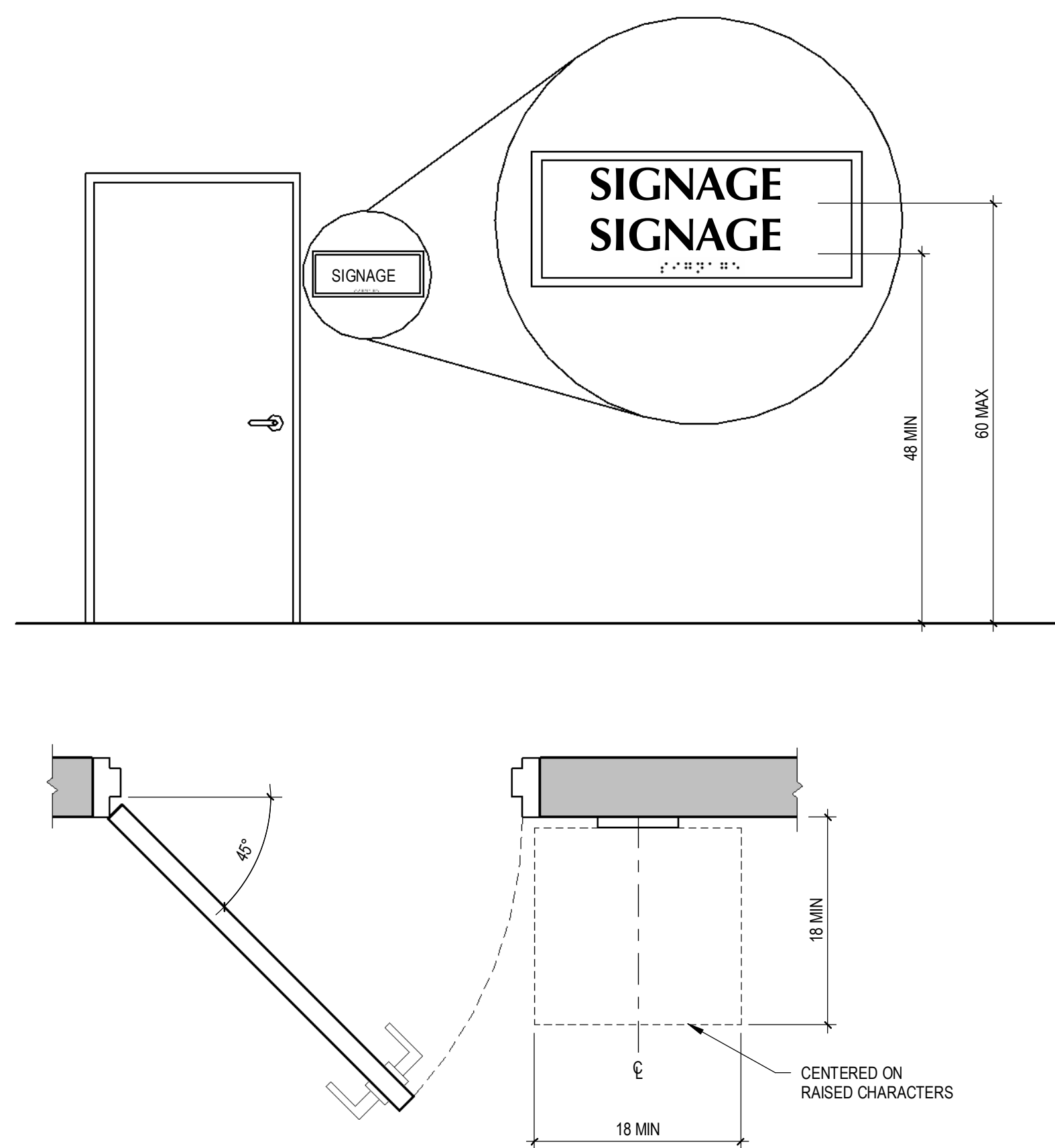
C4 SIGN LOCATION DETAIL 2
A701 | SCALE: 3" = 1'-0"



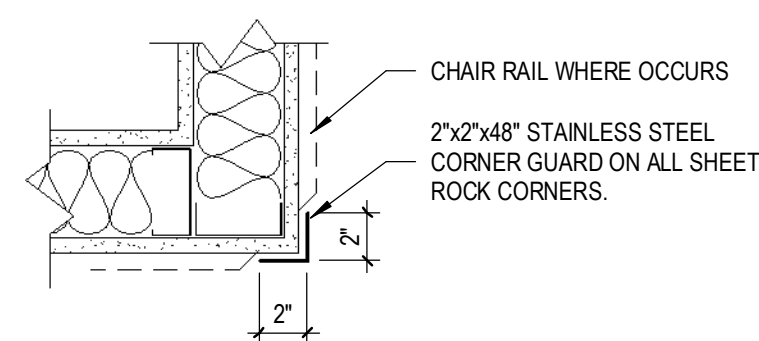
C5 FLOOR TRANSITIONS
A701 | SCALE: 1/4" = 1'-0"



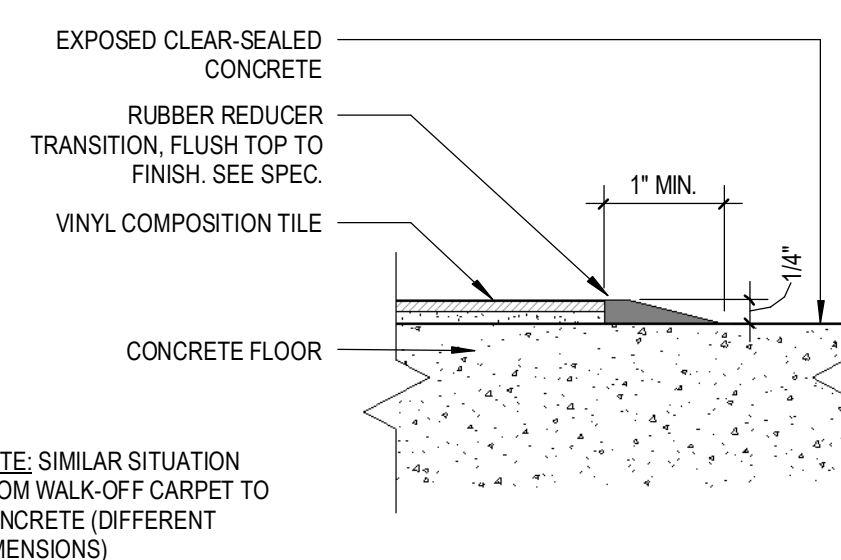
B6 ADA EXIT SIGN
A701 | SCALE: 3" = 1'-0"



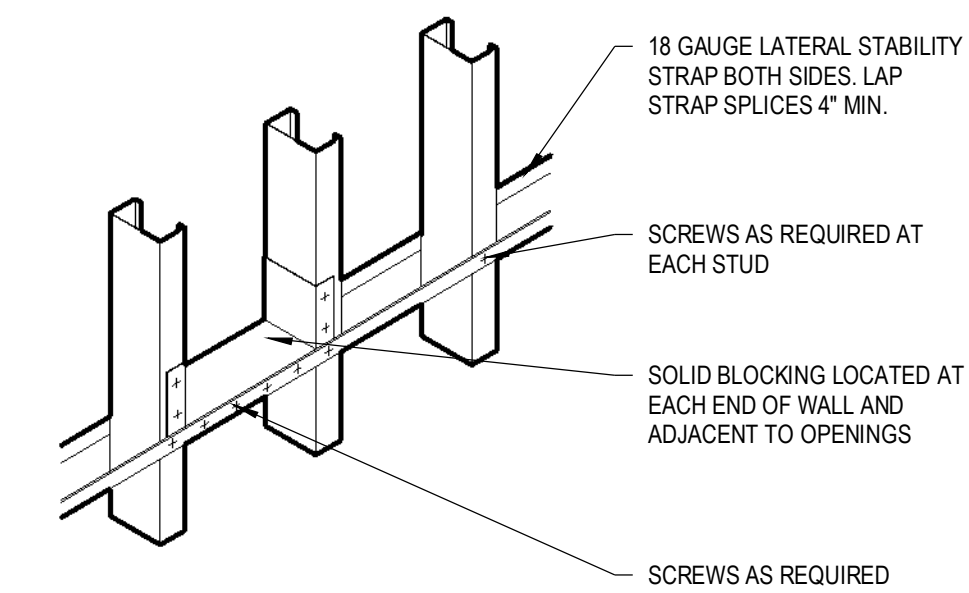
E2 SIGN LOCATION DETAIL 1
A701 | SCALE: 1/2" = 1'-0"



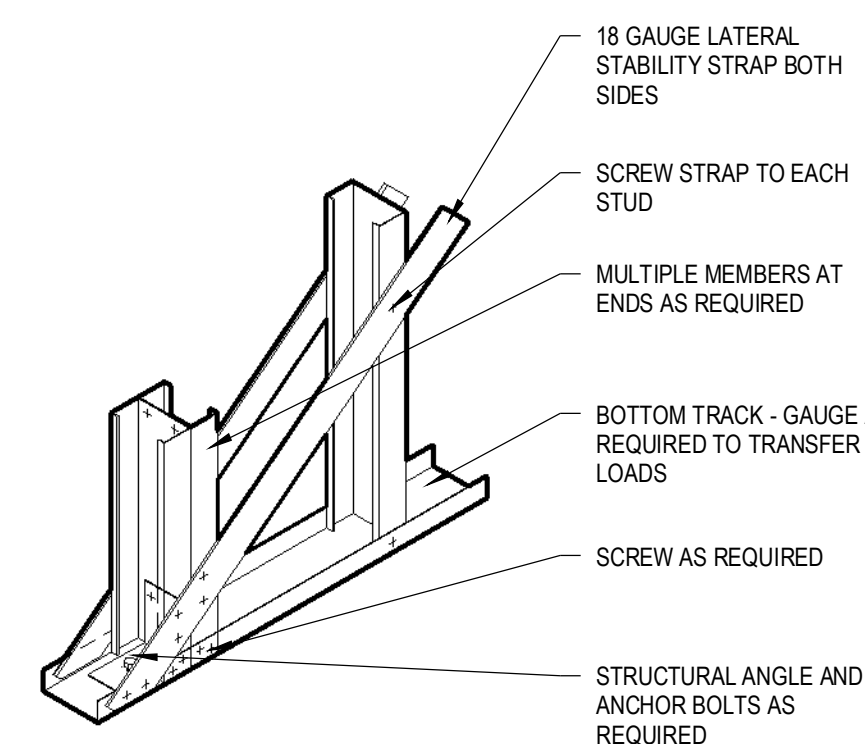
D4 CORNER GUARD DETAIL
A701 | SCALE: 1 1/2" = 1'-0"



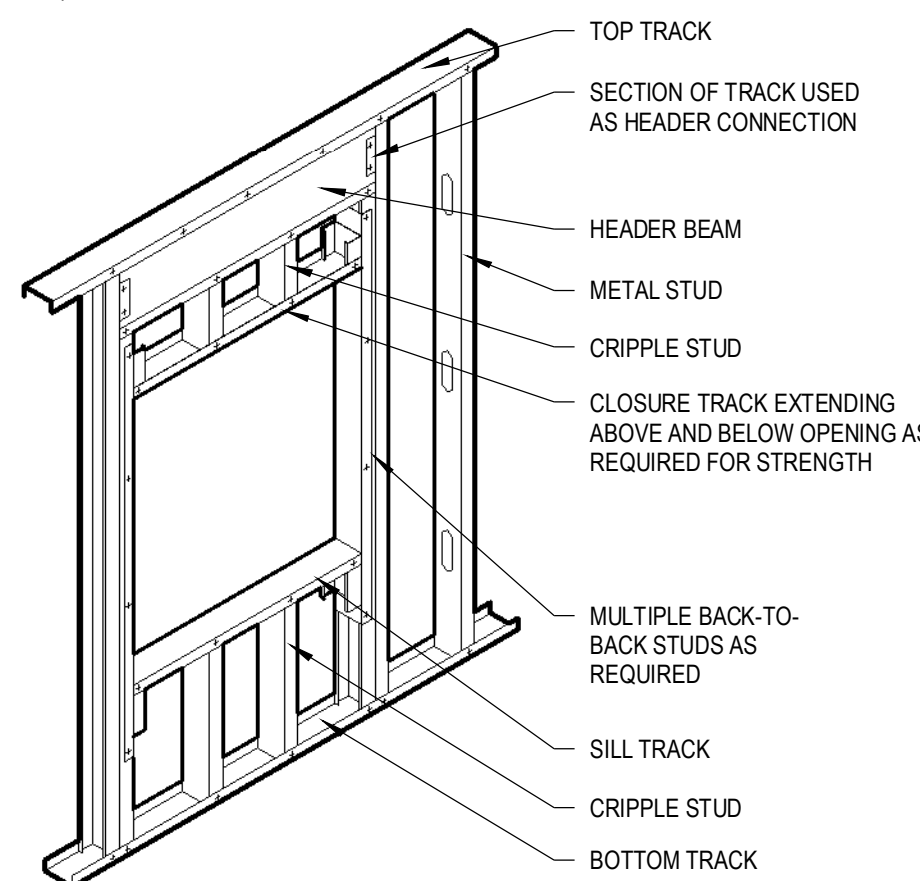
D5 VCT / CONCRETE TRANSITION
A701 | SCALE: 6" = 1'-0"



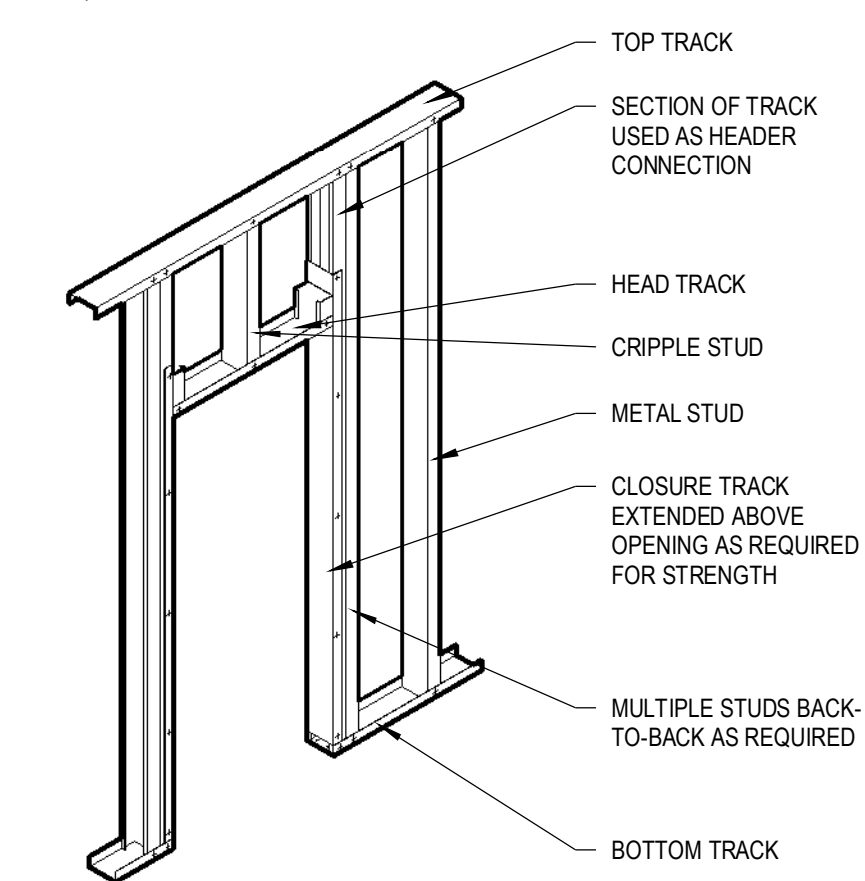
D6 METAL STUD BLOCKING DETAIL
A701 | SCALE: NOT TO SCALE



E4 METAL STUD STRAP DETAIL
A701 | SCALE: NOT TO SCALE



E5 METAL STUD FRAMING DETAIL - WINDOW
A701 | SCALE: NOT TO SCALE



E6 METAL STUD FRAMING DETAIL - DOOR
A701 | SCALE: NOT TO SCALE

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

CURTIS MINER ARCHITECTURE
333 SOUTH PLEASANT GROVE BLVD. SUITE #418 PLEASANT GROVE, UTAH 84602
PHONE: (801) 799-3000 cma@curtisminer.com

DATE: DECEMBER 23, 2021
PROJECT #: CMA 21-070
PROJ. MAN.: KJM
CHECKED BY: CLL

PROJECT: **PCSD TECHNOLOGY ADDITION & REMODEL**
PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601
OWNER: **Provo City SCHOOL DISTRICT**

THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. ©2021 CURTIS MINER ARCHITECTURE, LLC

03 Dec 2021

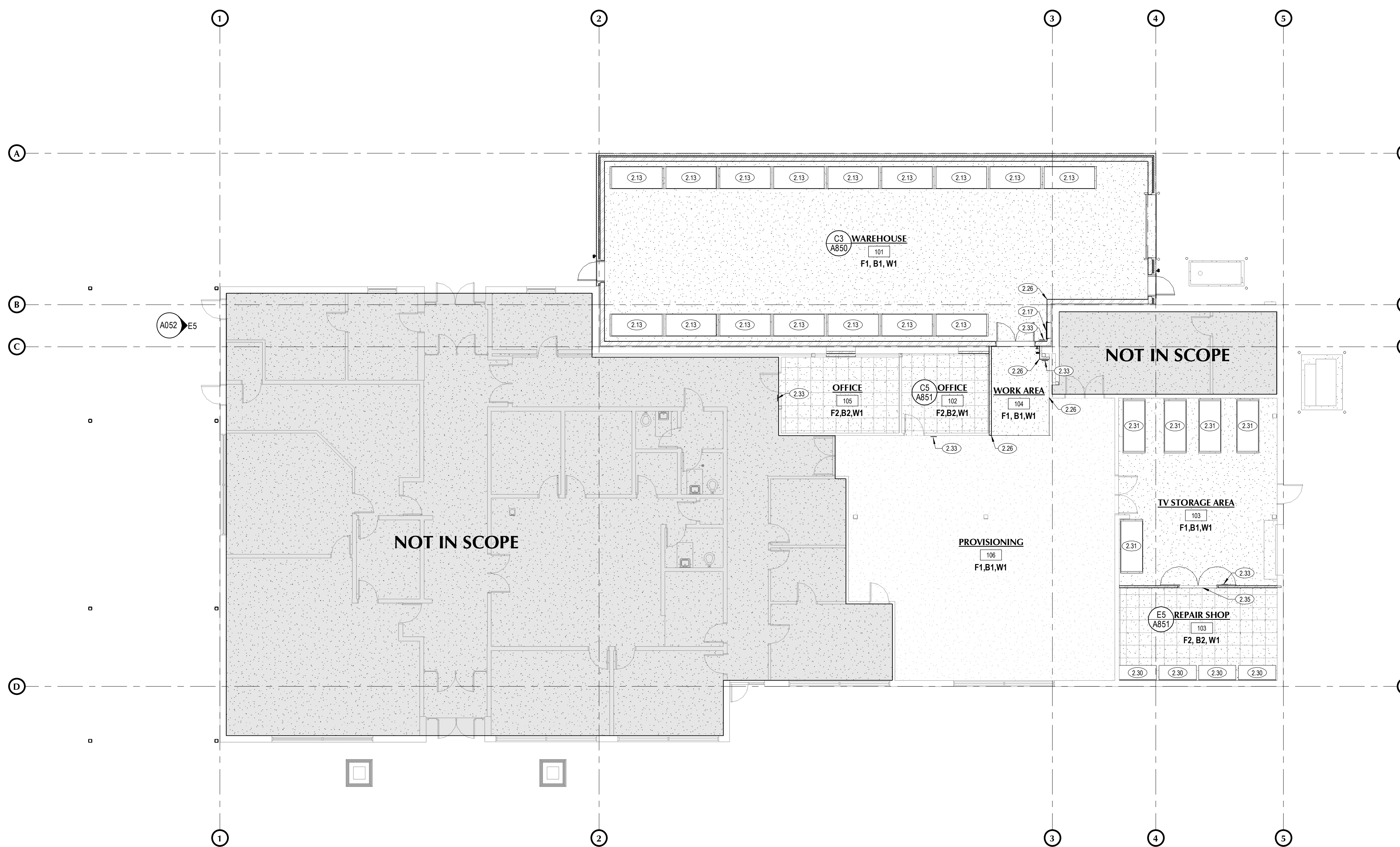
SHEET DESCRIPTION: **MISCELLANEOUS DETAILS**

SHEET: **A701**

MARK	REVISION	DATE

SHEET NOTES

- 2.13 NEW WAREHOUSE SHELVING(3'-6" X 8'-0" SHELVES), COORDINATE FINAL LOCATION WITH OWNER.
- 2.17 NEW ACCESS PANEL FOR FIBER PANEL ACCESS. COORDINATE WITH ELECTRICAL.
- 2.26 2"X2"X8" STAINLESS STEEL CORNER GUARD. SEE DETAILS.
- 2.30 RELOCATED EXISTING RACKS. COORDINATE FINAL LOCATION WITH OWNER.
- 2.31 RELOCATED EXISTING RACKS. COORDINATE FINAL LOCATION WITH OWNER.
- 2.32 NEW ROOM SIGNAGE, MATCH EXISTING.
- 2.35 NEW ALUMINUM TRANSITION STRIP.



FINISH SCHEDULE / LEGEND

NOTE: SEE INTERIOR ELEVATIONS FOR EXTENT OF FINISHES

FLOOR	
F1	HARDENING CLEAR COAT CONCRETE SEALER
F2	CARPET TILE
F3	VCT - MATCH EXISTING

BASE	
B1	4" RUBBER BASE
B2	4" CARPET BASE

WALL	
W1	PAINTED - FIELD COLOR

BASIS OF DESIGN:

GENERAL NOTES

- A. ALL COLOR SELECTIONS, FINISH MATERIALS AND STYLES SHALL BE COORDINATED WITH OWNER AND ARCHITECT.
- B. MILLWORK SHOWN FOR CLARITY. PROVIDE FLOORING UNDER EQUIPMENT, MILLWORK AND COUNTERTOPS.
- C. SEE INTERIOR ELEVATIONS & MILLWORK DETAILS FOR FINISHES OF MILLWORK BASES, AND COUNTERTOPS.
- D. SEE ELECTRICAL SHEETS FOR LOCATIONS OF OUTLETS, SWITCHES, DATA, TELEPHONE, TELEVISION, INTERCOMS, CLOCKS, SPEAKERS, HORNS, STROBES, ETC.
- E. PROVIDE 3" DIAMETER HOLE THRU COUNTER TOP AT ALL POWER AND DATA OUTLETS BELOW CABINET. PROVIDE 3MM PVC SLEEVE AROUND OPENING. COORDINATE WITH ELECTRICAL SHEETS. DRILL OPENING AFTER MILLWORK HAS BEEN INSTALLED FOR ACCURATE LOCATION WITH ELECTRICAL.
- F. FINAL LOCATION OF ALL RESTROOM EQUIPMENT TO BE COORDINATED WITH OWNER PRIOR TO INSTALLATION.
- G. CHAMFER ALL EXPOSED CORNERS ON COUNTERTOPS.
- H. ALL WINDOWS TO RECEIVE SOLID SURFACE SILLS. SEE SPEC.
- J. PROVIDE STAINLESS STEEL CORNER GUARDS AT ALL DRYWALL CORNERS PER DETAIL.
- K. PROVIDE SCHULTER TRIM PIECE ON ALL EXPOSED TILE EDGES AND EXTERIOR CORNERS PER DETAILS.
- L. ALL ROOMS TO RECEIVE ROOM SIGNS AT EACH ENTRY INTO SPACE. PLAN FOR APPROPRIATE AMOUNT PER ROOM.
- M. A PREINSTALLATION MEETING IS TO BE SCHEDULED WITH THE OWNER, ARCHITECT, GENERAL CONTRACTOR, GYMNASIUM EQUIPMENT SUBCONTRACTOR, AND THE MULTI-PURPOSE ROOM FLOORING SUBCONTRACTOR TO COORDINATE THE LAYOUT AND INSTALLATION OF THE GYMNASIUM EQUIPMENT AND THE FLOOR GAME LINES.
- N. PROVIDE FLOOR TRANSITION STRIPS AT ALL FLOOR MATERIAL TRANSITIONS PER DETAILS.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

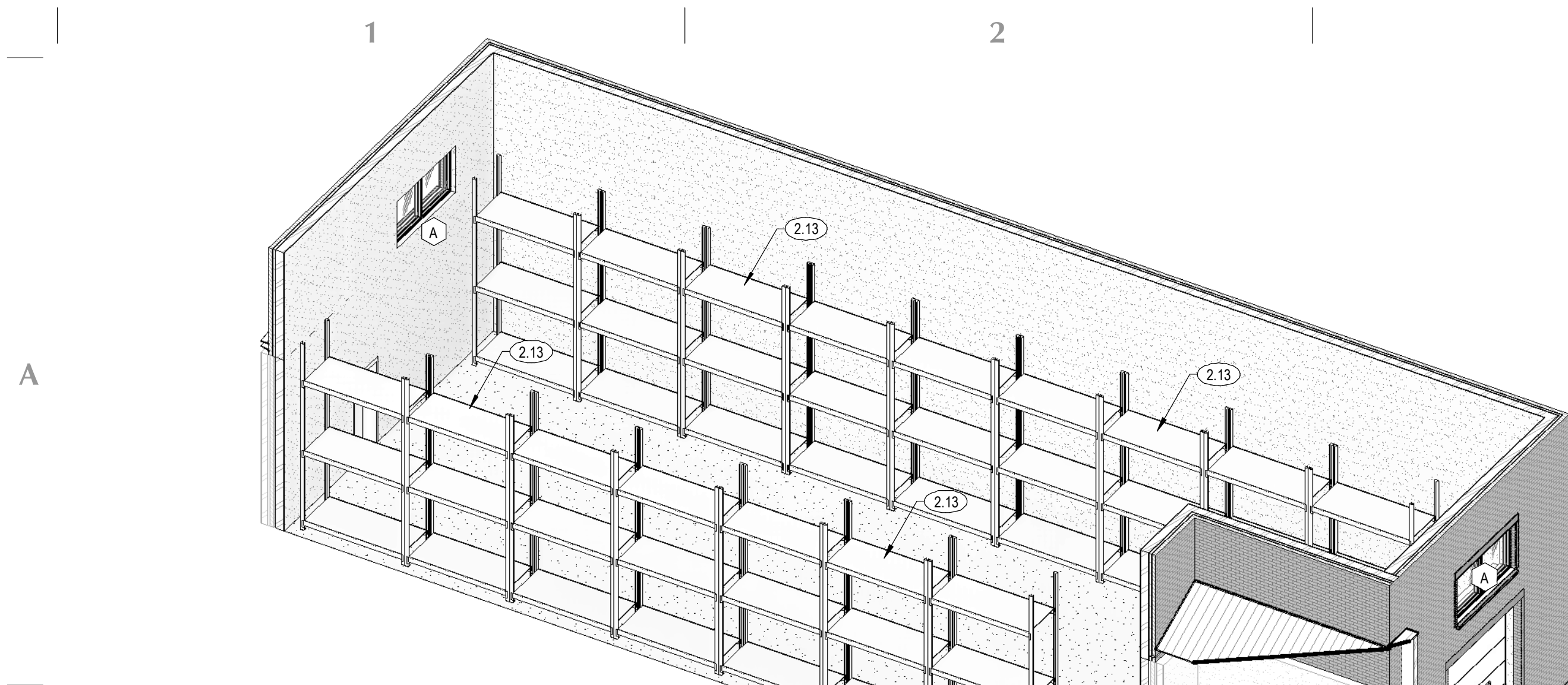
<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: FURNISHINGS PLAN</p>	<p>SHEET: A801</p>

MAIN LEVEL FURNISHING PLAN
A801 | SCALE: 1/8" = 1'-0"

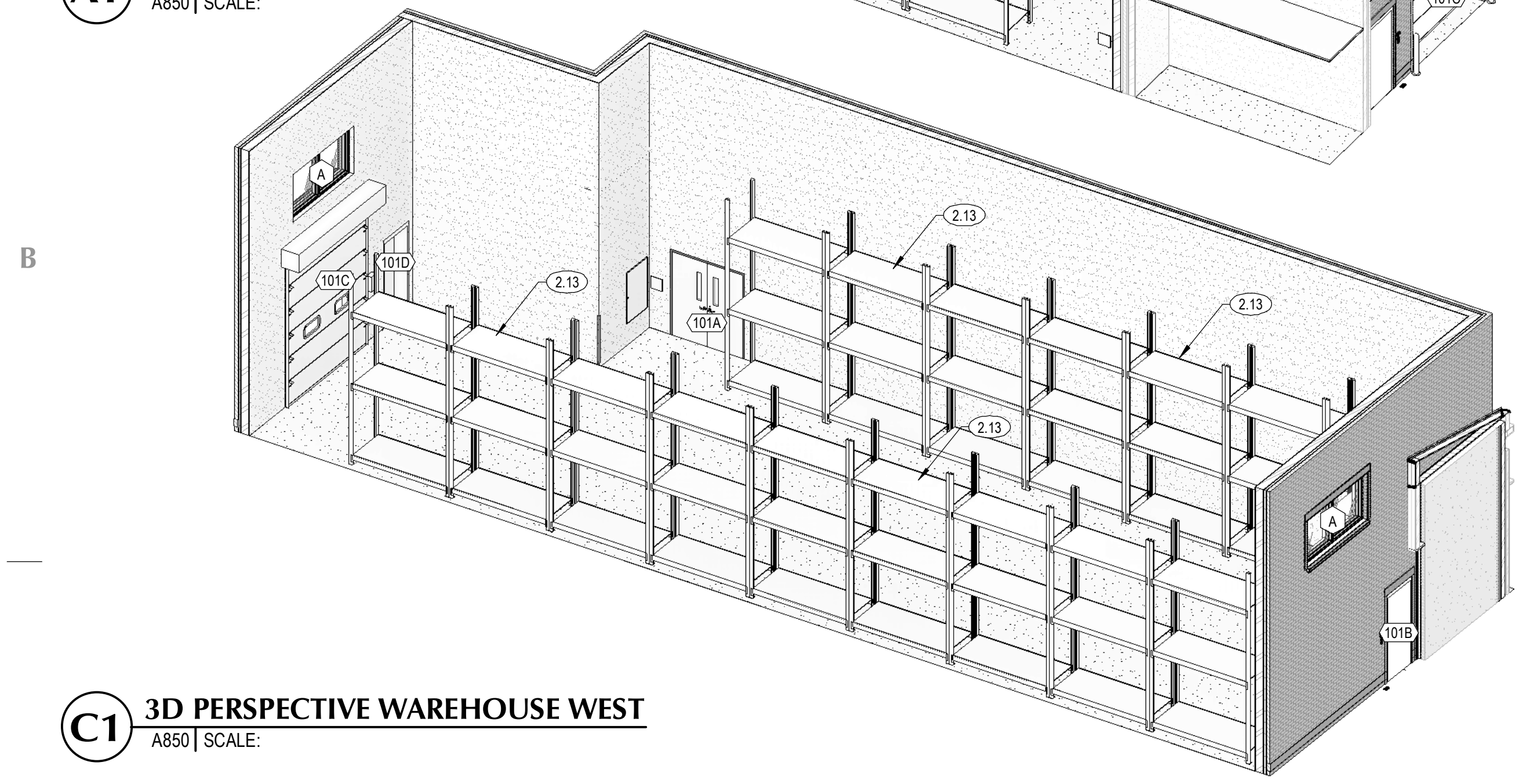
MARK	REVISION	DATE

SHEET NOTES

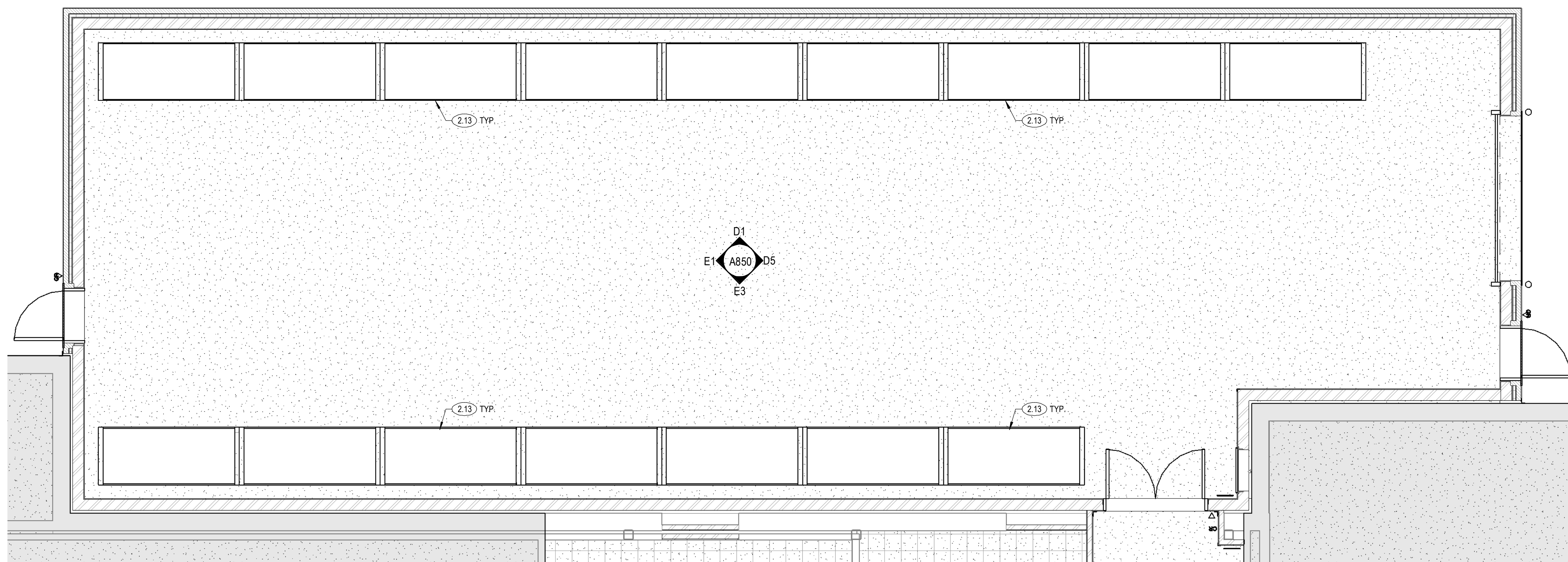
2.13 NEW WAREHOUSE SHELVING(3'-6" X 8'-0" SHELVES), COORDINATE FINAL LOCATION WITH OWNER.
3.01



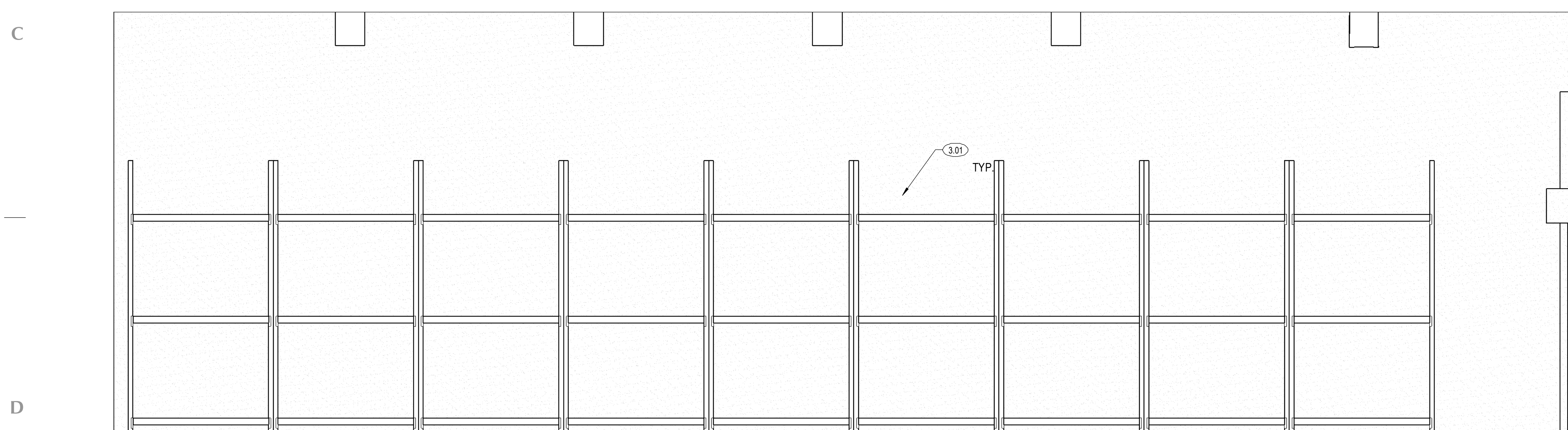
A1 3D PERSPECTIVE WAREHOUSE EAST
A850 | SCALE:



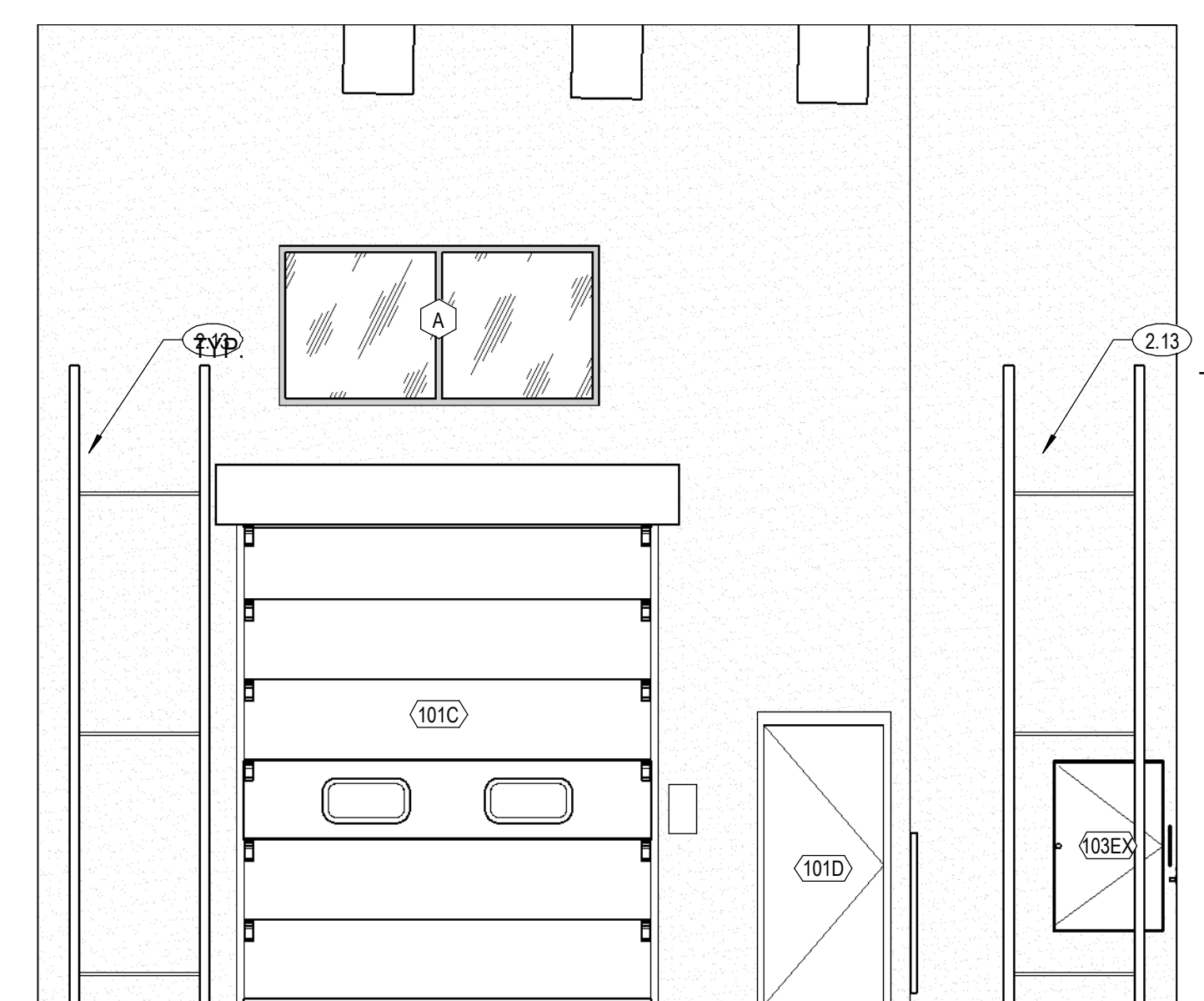
C1 3D PERSPECTIVE WAREHOUSE WEST
A850 | SCALE:



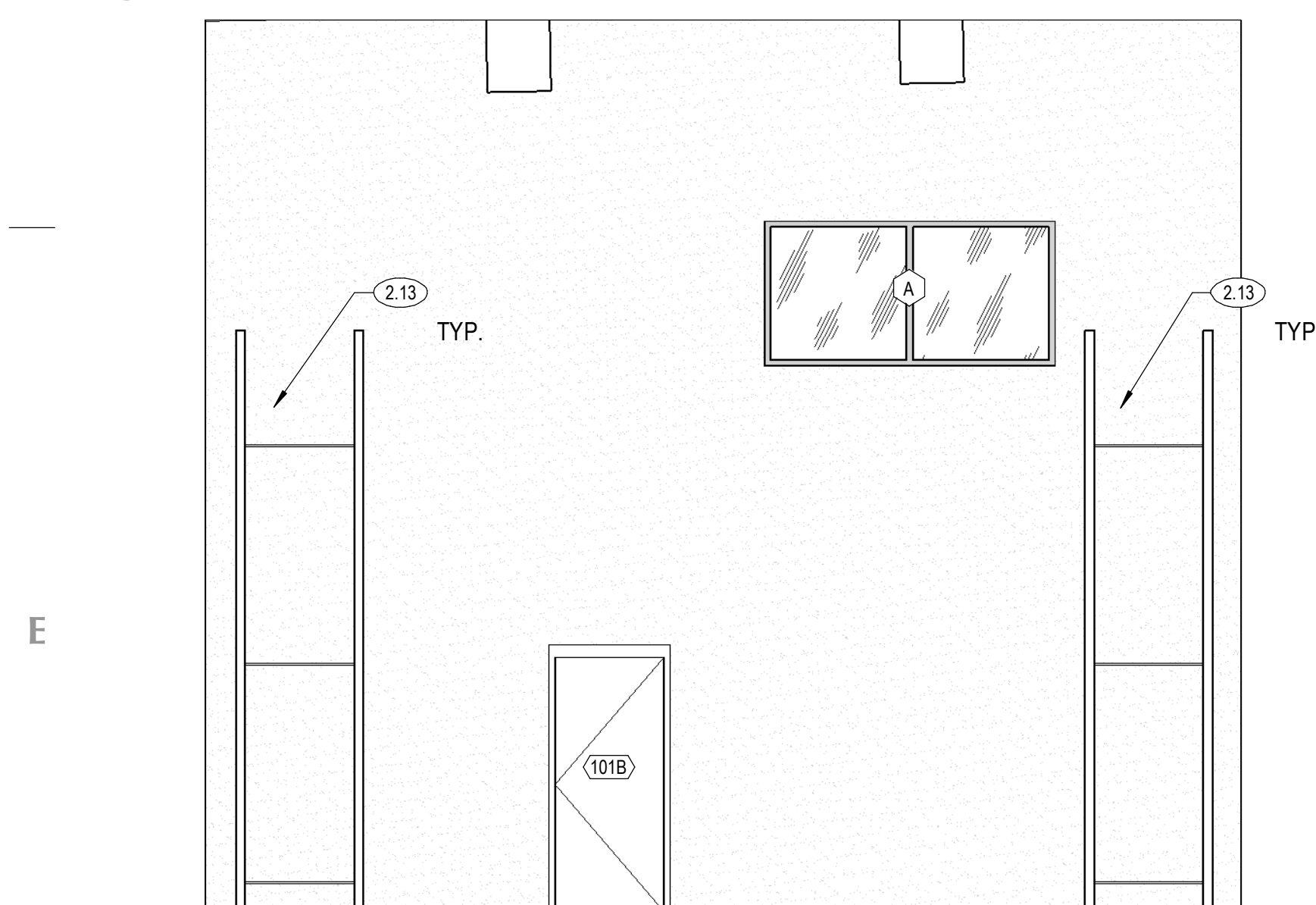
C3 ENLARGED WAREHOUSE PLAN
A850 | SCALE: 1/4" = 1'-0"



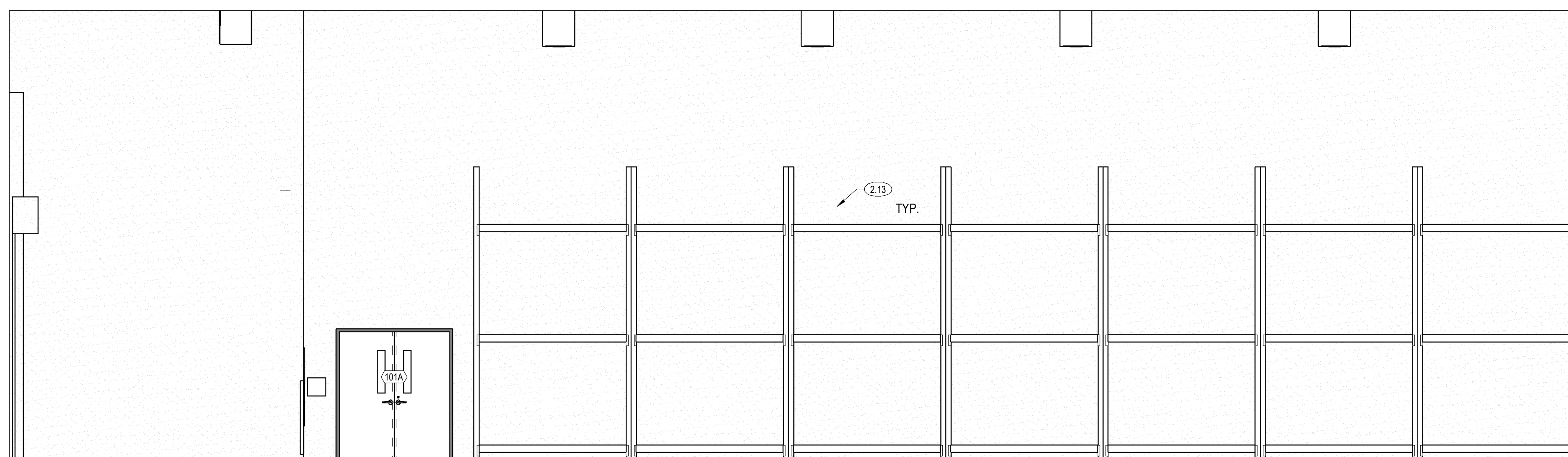
D1 Elevation 1 - a
A850 | SCALE: 1/4" = 1'-0"



D5 Elevation 1 - b
A850 | SCALE: 1/4" = 1'-0"



E1 Elevation 1 - d
A850 | SCALE: 1/4" = 1'-0"



E3 Elevation 1 - c
A850 | SCALE: 1/4" = 1'-0"

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. COORDINATE INSTALLATIONS OF ALL "AFTER CONTRACT" ASSEMBLIES WITH OWNER PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
- C. INTERIOR DRYWALL CORNERS TO BE SQUARE.
- D. WALL TYPES SHOWN DO NOT ADDRESS CERAMIC TILE INSTALLATION ON WALL SURFACES AS SHOWN ON THE FLOOR PLANS. REFER TO THE CURRENT EDITION OF THE HANDBOOK FOR CERAMIC TILE INSTALLATION PUBLISHED BY THE TILE COUNCIL OF AMERICA, INC. FOR PROPER INSTALLATION MATERIALS AND METHODS. TILE TO BE INSTALLED OVER TILE BACKER BOARD.
- E. SEE DETAILS D1/G002 AND D4/G002 FOR TYPICAL FIXTURE MOUNTING HEIGHTS. BLOCK WALLS AS REQUIRED FOR HANGING FIXTURES AND FURNISHINGS.
- F. PROVIDE BLOCKING IN WALLS AT ALL TOILETS AND SHOWERS FOR GRAB BARS. SEE DETAIL CA/G002.
- G. ALL MILLWORK NUMBERS NOTED ARE PER TM SYSTEMS. COORDINATE BETWEEN ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS FOR MISCELLANEOUS ITEMS THAT MAY ONLY BE SHOWN ON ONE OR THE OTHER.
- H. ALL BASE 3" COURSES OF CMU TO HAVE 906 SQUARE CORNERS FOR BASE ATTACHMENT. ALL OTHER CMU CORNERS TO HAVE A 1" BILLNOSE CORNER. TYP.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>CURTIS MINER ARCHITECTURE</p> <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3000 email@cmarch.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: KJM</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: Provo City School District</p>
<p>SHEET DESCRIPTION: INTERIOR ELEVATIONS</p>	
<p>SHEET: A850</p>	

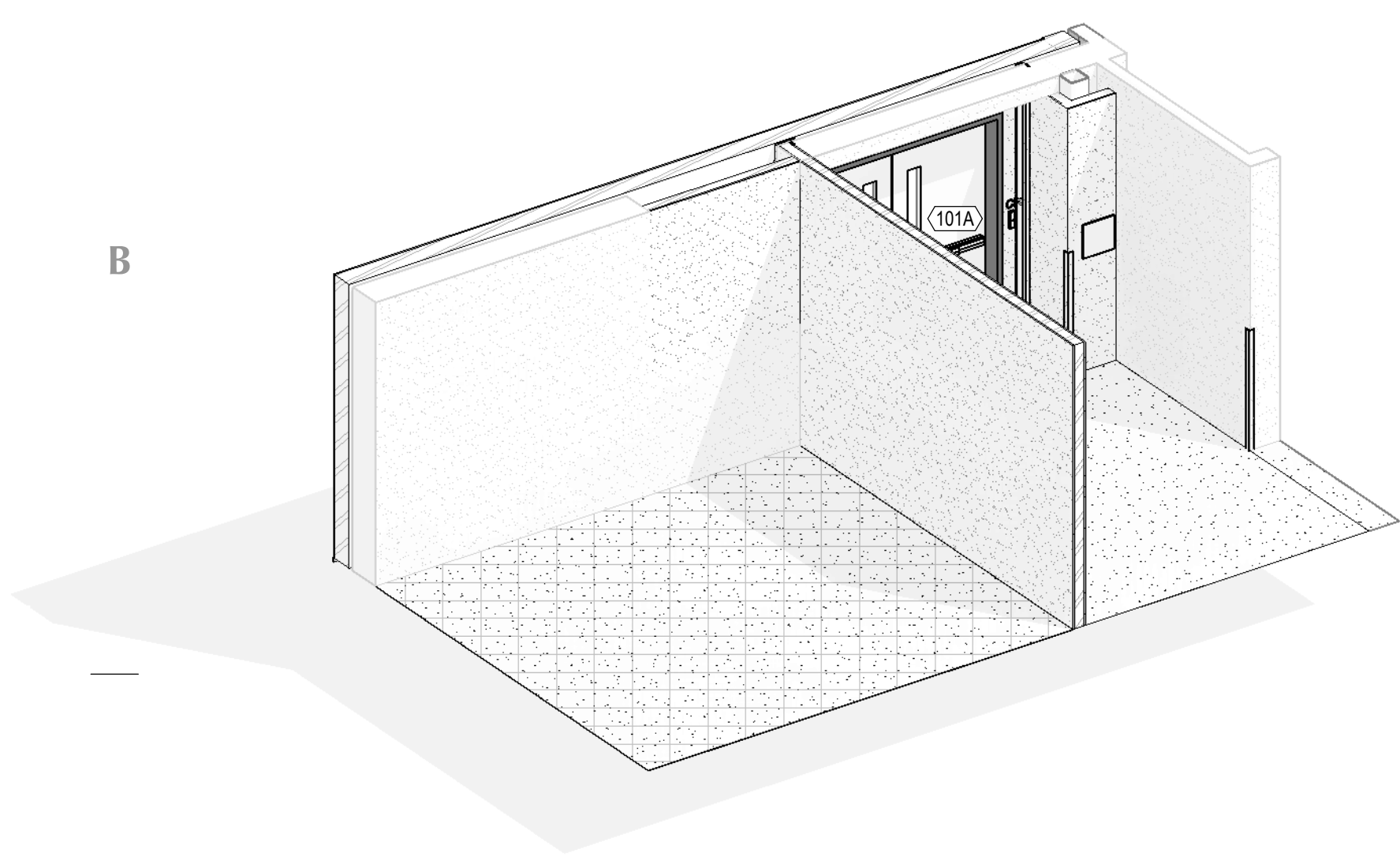
MARK	REVISION	DATE

SHEET NOTES

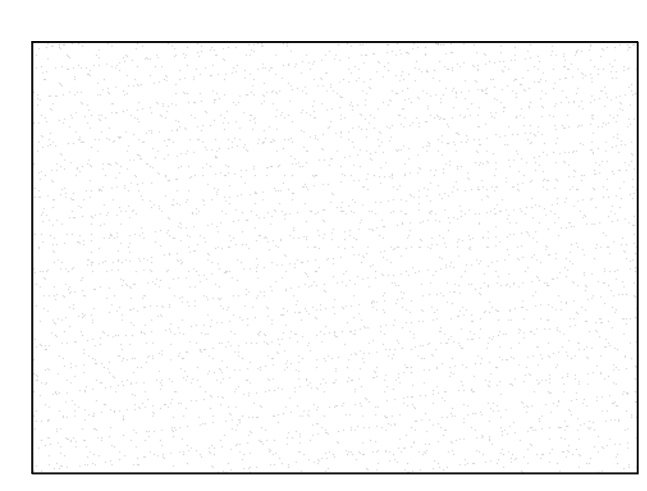
1 | 2 | 3 | 4 | 5 | 6

A

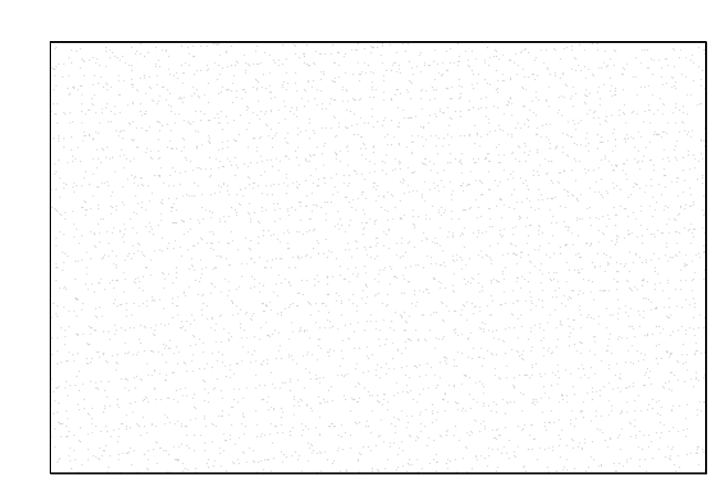
B



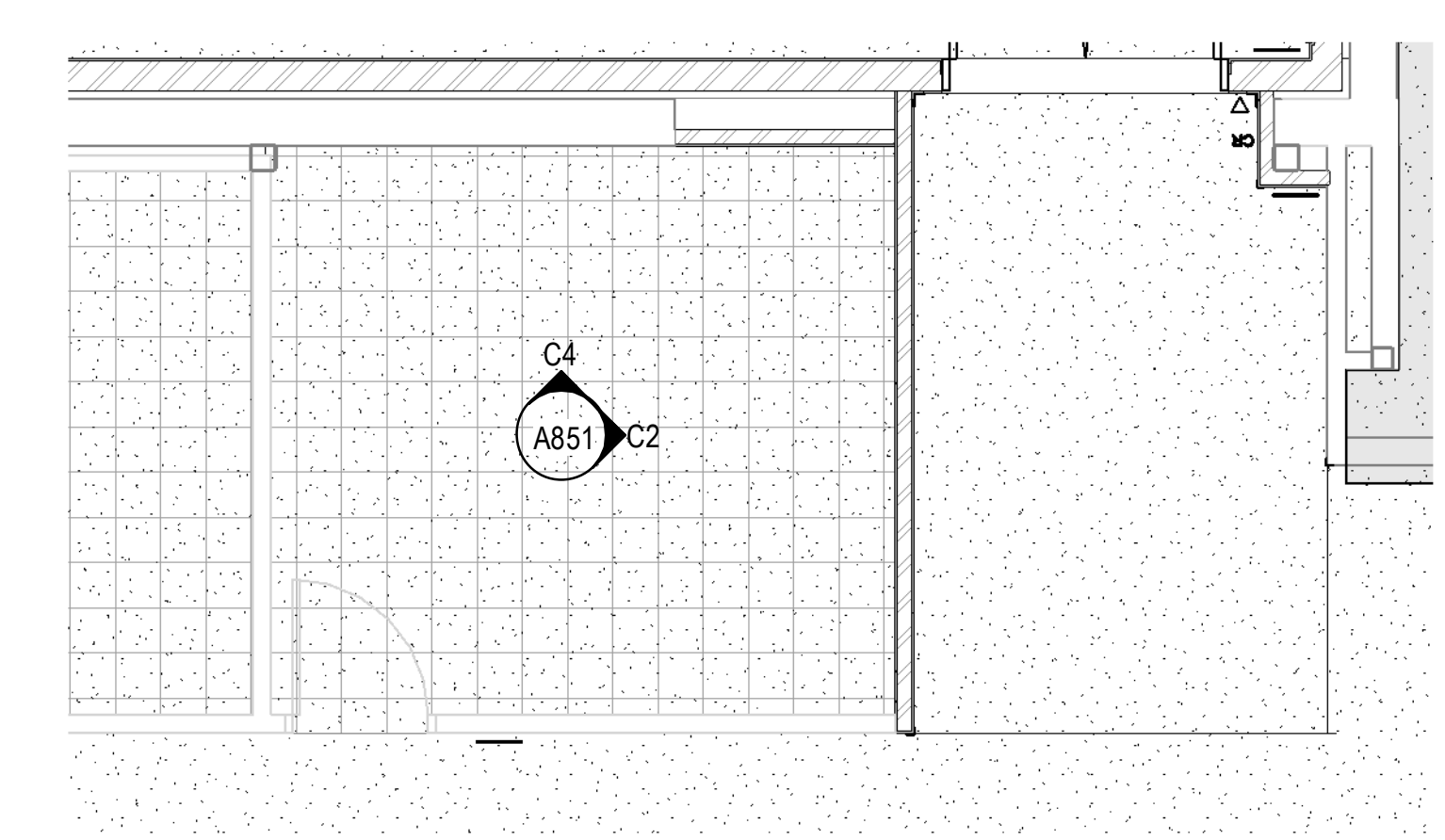
C1 OFFICE - 3D PERSPECTIVE
A851 | SCALE:



C2 OFFICE ELEVATION - B
A851 | SCALE: 1/4" = 1'-0"



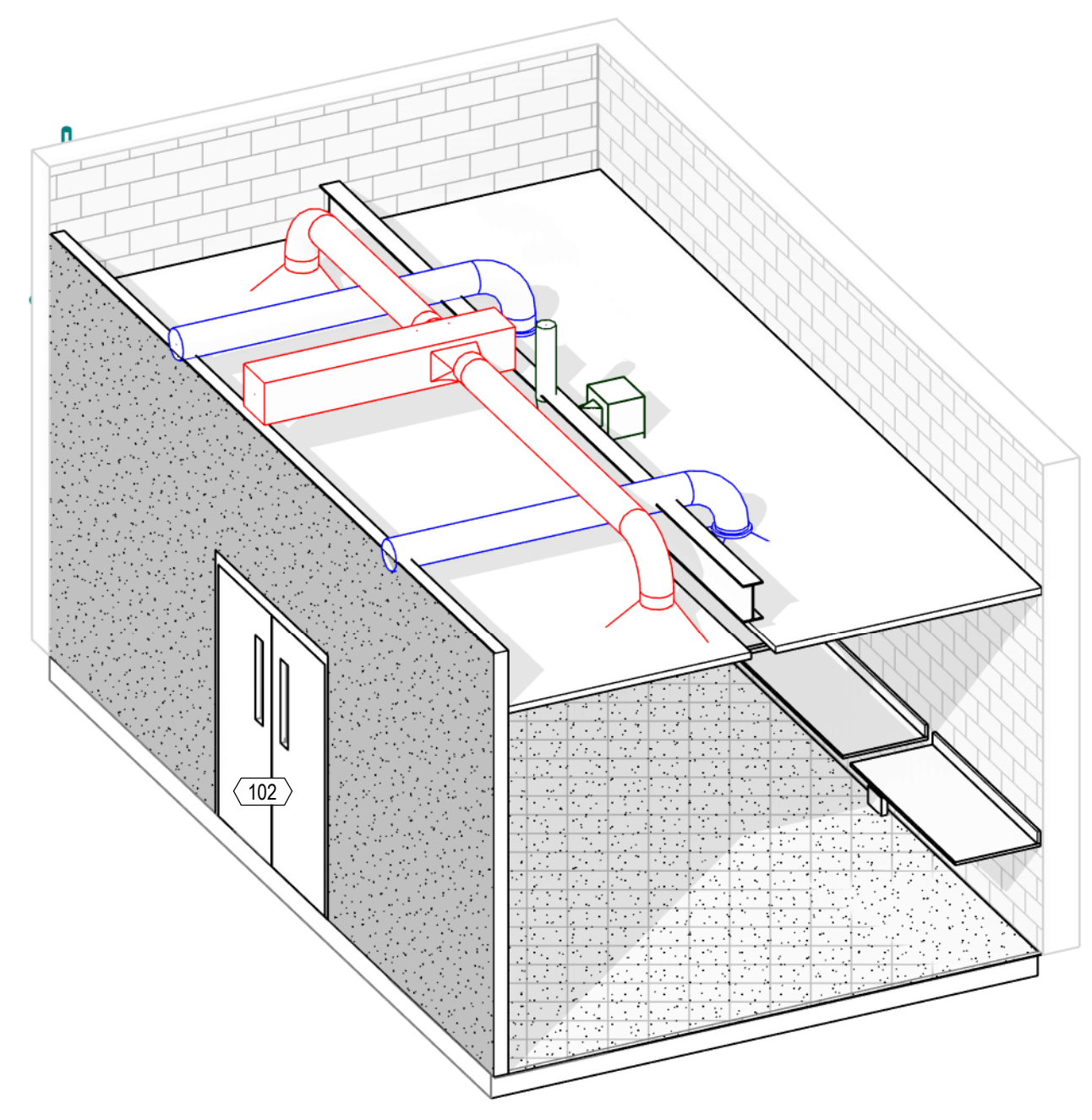
C4 OFFICE ELEVATION - A
A851 | SCALE: 1/4" = 1'-0"



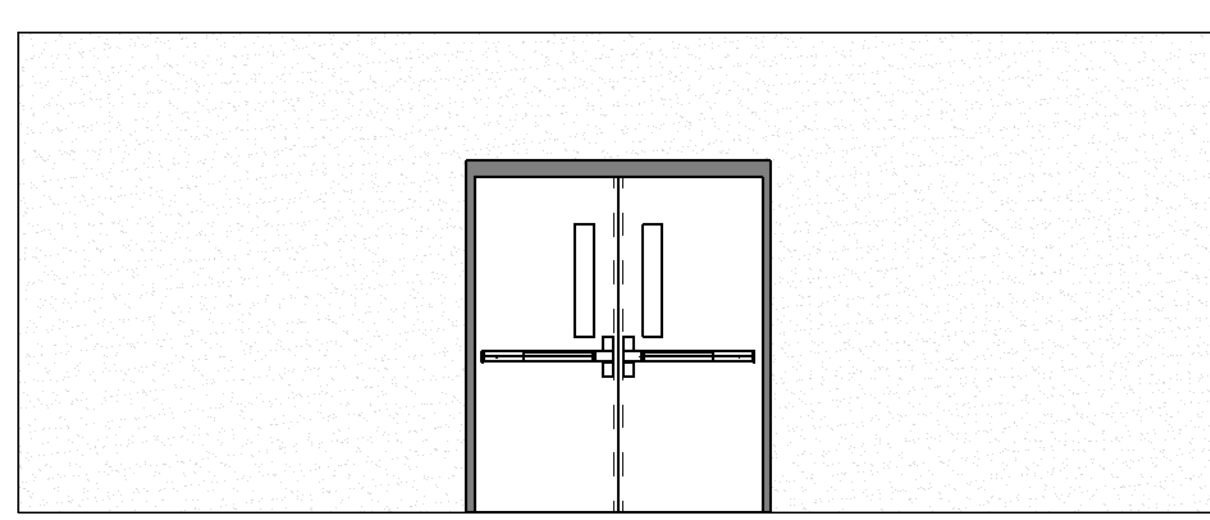
C5 ENLARGED OFFICE
A851 | SCALE: 1/4" = 1'-0"

C

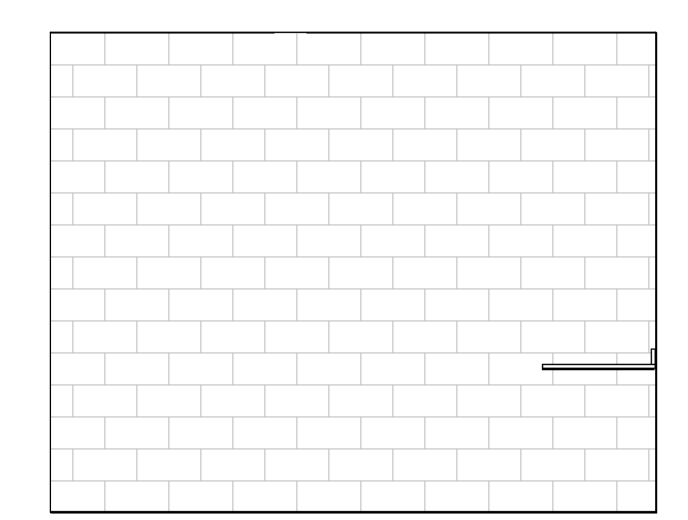
D



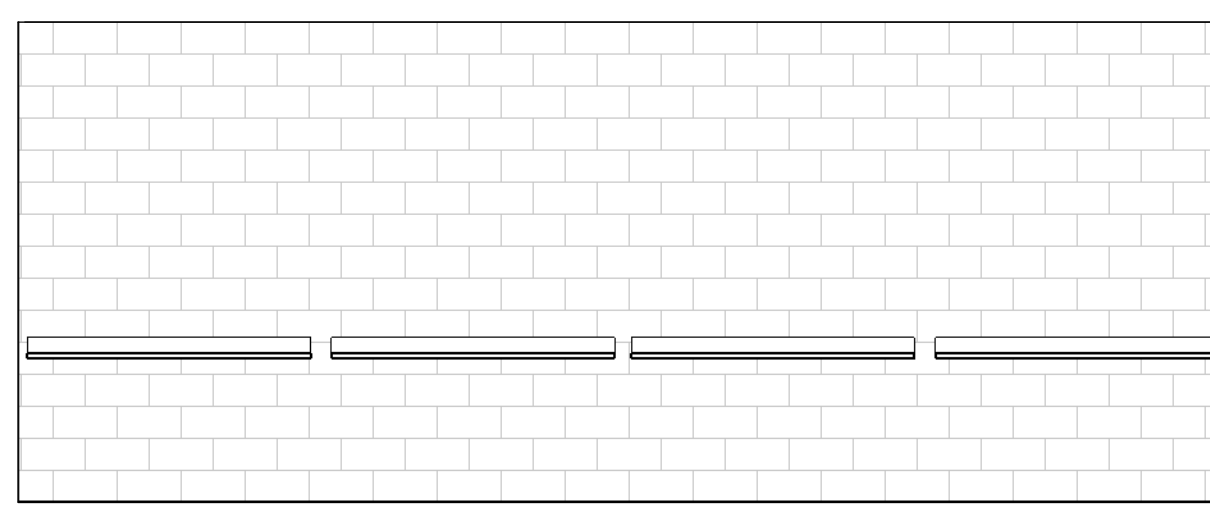
E1 REPAIR SHOP - 3D PERSPECTIVE
A851 | SCALE:



D2 REPAIR SHOP - A
A851 | SCALE: 1/4" = 1'-0"



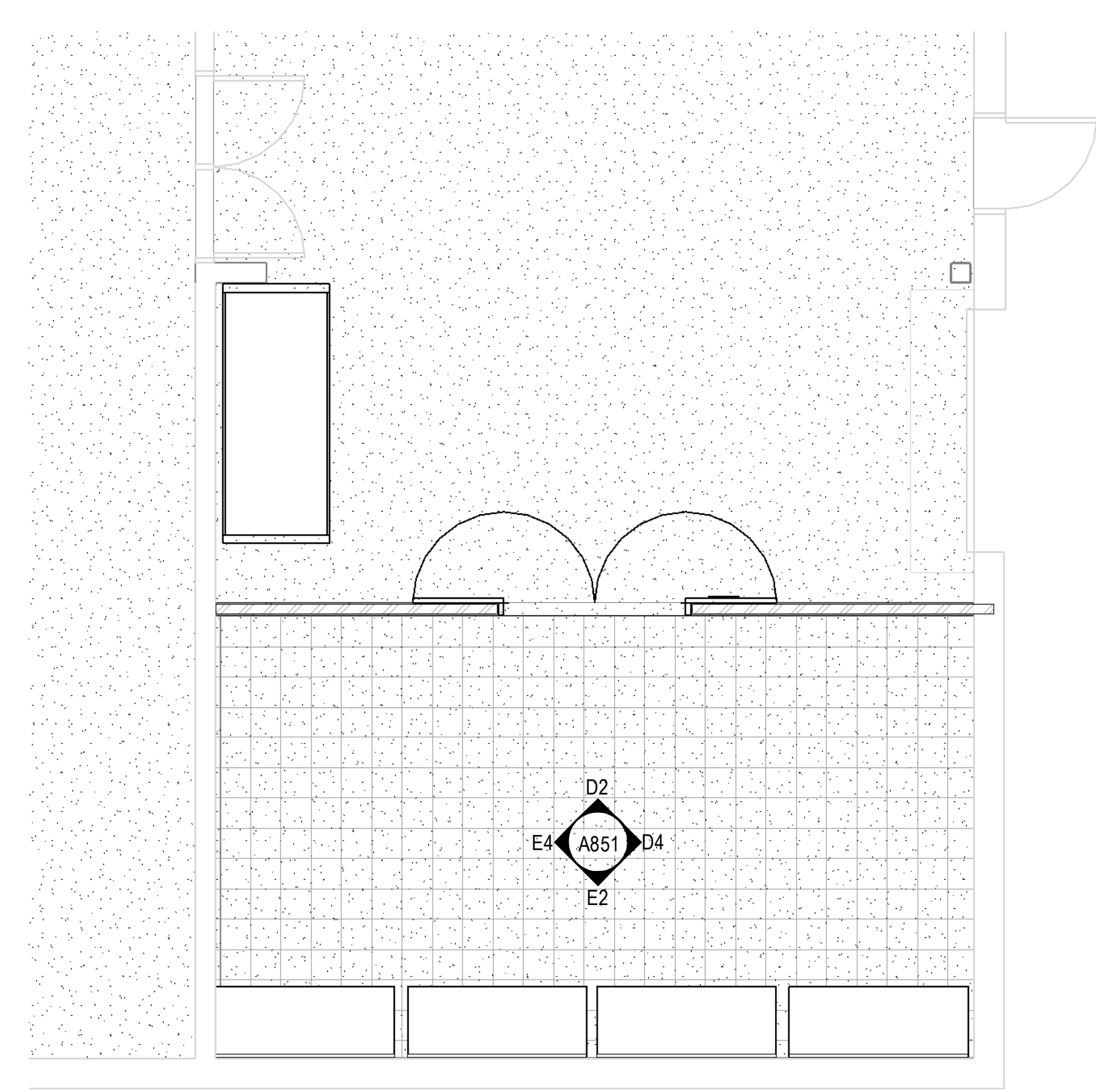
D4 REPAIR SHOP - B
A851 | SCALE: 1/4" = 1'-0"



E2 REPAIR SHOP - C
A851 | SCALE: 1/4" = 1'-0"



E4 REPAIR SHOP - D
A851 | SCALE: 1/4" = 1'-0"



E5 ENLARGED REPAIR SHOP
A851 | SCALE: 1/4" = 1'-0"

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. COORDINATE INSTALLATIONS OF ALL "AFTER CONTRACT" ASSEMBLIES WITH OWNER PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
- C. INTERIOR DRYWALL CORNERS TO BE SQUARE.
- D. WALL TYPES SHOWN DO NOT ADDRESS CERAMIC TILE INSTALLATION ON WALL SURFACES AS SHOWN ON THE FLOOR PLANS. REFER TO THE CURRENT EDITION OF THE HANDBOOK FOR CERAMIC TILE INSTALLATION PUBLISHED BY THE TILE COUNCIL OF AMERICA, INC. FOR PROPER INSTALLATION MATERIALS AND METHODS. TILE TO BE INSTALLED OVER TILE BACKER BOARD.
- E. SEE DETAILS D1/G002 AND D4/G002 FOR TYPICAL FIXTURE MOUNTING HEIGHTS. BLOCK WALLS AS REQUIRED FOR HANGING FIXTURES AND FURNISHINGS.
- F. PROVIDE BLOCKING IN WALLS AT ALL TOILETS AND SHOWERS FOR GRAB BARS. SEE DETAIL C4/G002.
- G. ALL MILLWORK NUMBERS NOTED ARE PER TM SYSTEMS. COORDINATE BETWEEN ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS FOR MISCELLANEOUS ITEMS THAT MAY ONLY BE SHOWN ON ONE OR THE OTHER.
- H. ALL BASE 3" COURSES OF CMU TO HAVE 90° SQUARE CORNERS FOR BASE ATTACHMENT. ALL OTHER CMU CORNERS TO HAVE A 1" BULLNOSE CORNER. TYP.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 799-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: KJM CHECKED BY: CLL</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: INTERIOR ELEVATIONS</p>	
<p>SHEET: A851</p>	

BIM 360/121-070 PCSD Technology A&R/21-070 Provo CSD Technology A&R.rvt
12/23/2021 12:45:42 PM

BID DOCUMENTS

MARK	REVISION	DATE

GENERAL STRUCTURAL NOTES

- IN ALL CASES, "CONTRACTOR" SHALL REFER TO THE CONTRACTOR OR SUB-CONTRACTOR RESPONSIBLE FOR THE TRADE SPECIFICALLY REFERRED TO IN THE NOTES (i.e. STEEL, CONCRETE, MASONRY). THE "CONTRACTOR" SHALL MEET ALL NOTE REQUIREMENTS AND SHALL INCLUDE THE COSTS ASSOCIATED WITH THESE REQUIREMENTS IN HISHER BID. THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER, IS ULTIMATELY RESPONSIBLE FOR COMPLIANCE WITH ALL NOTE REQUIREMENTS.
- THE CONTRACTOR SHALL PERFORM HISHER TRADE AND DUTIES IN A MANNER CONFORMING TO THE PROCEDURES AND REQUIREMENTS AS STATED IN THE 2018 INTERNATIONAL BUILDING CODE (IBC), AND/OR LATEST CODE ADOPTED BY THE LOCAL BUILDING OFFICIAL, AND ALL LOCAL ORDINANCES.
- THE GENERAL CONTRACTOR, OR PROJECT MANAGER, SHALL COORDINATE THE WORK PERFORMED BY ALL TRADES.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR ARCHITECT OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR THE SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN ALL CASES, UNLESS OTHERWISE DIRECTED, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN AND BE PERFORMED.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, SLOPES AND ELEVATIONS, ETC., AT THE JOB SITE AND SHALL COORDINATE THESE WITH THE ARCHITECT AND WITH ALL TRADES. CONSTRUCTION DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- VISITS TO THE JOB SITE BY REPRESENTATIVES OF THE ENGINEER DO NOT CONSTITUTE APPROVAL OF THE WORK PERFORMED BY THE CONTRACTOR OR HIS SUBCONTRACTORS, THEY ARE MERELY FOR THE PURPOSE OF OBSERVATION.
- SHOP DRAWINGS FOR ANY FABRICATED COMPONENTS OR COMPONENTS DESIGNED BY MANUFACTURER SHALL BE APPROVED BY THE ENGINEER AND ARCHITECT PRIOR TO FABRICATION AND ERECTION. SHOP DRAWINGS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE SAME STATE AS THE PROJECT.
- THE CONTRACTOR SHALL VERIFY SIZES, LOCATIONS, LOADS, AND EQUIPMENT ANCHORAGE IN THE FIELD WITH THE EQUIPMENT MANUFACTURER (OR SUPPLIER) PRIOR TO FABRICATION OR INSTALLATION OF SUPPORTING STRUCTURES.
- TEMPORARY SHORING (BRACING) SHALL BE PROVIDED WHERE NECESSARY. SHORING SHALL SUPPORT ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED (i.e. WIND). SHORING SHALL REMAIN IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY OR UNTIL ALL THE STRUCTURAL ELEMENTS ARE COMPLETED. ALL SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- DURING AND AFTER CONSTRUCTION, THE CONTRACTOR AND OWNER SHALL KEEP LOADS ON THE STRUCTURE WITHIN THE LIMITS OF THE DESIGN LOADS FOR THE OCCUPANCY. SEE STRUCTURAL PLANS AND CALCULATIONS FOR STRUCTURAL DESIGN LOADINGS AND CRITERIA.
- ANY SPECIAL INSPECTION REQUIRED BY THE CONSTRUCTION DOCUMENTS, OR BY THE BUILDING OFFICIAL, OR BY THE IBC, IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ON BEHALF OF THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION WITHIN AND ADJACENT TO THE JOB SITE.
- PRIOR APPROVAL, IN WRITING, FROM THE ENGINEER IS REQUIRED FOR ANY DEVIATION FROM THE STRUCTURAL PLANS AND/OR CONSTRUCTION DOCUMENTS. OPTIONAL MEMBER SIZES AND VARIATIONS IN THE FRAMING REQUIRE PRIOR APPROVAL OF THE ENGINEER, ARCHITECT AND OWNER. FAILURE TO FOLLOW PLANS AND CONSTRUCTION DOCUMENTS CONSTITUTES CHANGE IN PROJECT SCOPE.
- SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL NOTES AND REQUIREMENTS.
- THE ENGINEER RESERVES THE RIGHT TO REQUEST REPLACEMENT OF ANY PORTION OF THE STRUCTURE DEVIATING FROM THE PLANS WHERE WRITTEN PRIOR APPROVAL HAS NOT BEEN OBTAINED AND WHERE INSPECTION BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE CHANGED PORTION HAS NOT HAPPENED.
- ALL SITE WORK, GRADING, COMPACTION AND BACKFILL, ETC. SHALL BE DONE IN COMPLIANCE WITH A GEOTECHNICAL REPORT SPECIFIC TO THE SITE. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO OBTAIN A GEOTECHNICAL REPORT, IF ONE HAS NOT ALREADY BEEN OBTAINED, AND SUBMIT A COPY TO THE ENGINEER FOR VERIFICATION.
- ALL ANCHORING ADHESIVE SHALL BE SIMPSON SET-3G EPOXY OR HILTI HIT RE-500-V3 ADHESIVE. ANCHORS SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS. EPOXIED ANCHORS SHALL NOT BE INSTALLED IN CONCRETE LESS THAN 21 DAYS OLD.
- ALL NON-EPOXIED POST-INSTALLED ANCHORS TO BE SIMPSON STRONG-BOLT 2 WEDGE ANCHORS, TITEN HD SCREW ANCHORS, HILTI KWIK HUS-EZ SCREW ANCHORS, OR HILTI KWIK BOLT 7Z ANCHORS. MECHANICAL ANCHORS SHALL NOT BE INSTALLED IN CONCRETE LESS THAN 7 DAYS OLD.
- FASTENERS AND ANCHOR BOLTS USED IN PRESERVATIVE-TREATED WOOD SHALL BE HOT DIPPED ZINC-COATED GALVANIZED STEEL. THE COATING WEIGHTS SHALL BE IN ACCORDANCE WITH ASTM A 153.

GENERAL CONCRETE NOTES

- SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
 - ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE 2018 IBC, ACI 318, AND LOCAL ORDINANCES.
 - CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO PLACING CONCRETE.
 - CONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PRIOR TO PLACING CONCRETE. PROVIDE SLEEVES, BLOCK OUTS, ETC., AS REQUIRED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACEMENT OF ALL ANCHOR BOLTS, SEISMIC ANCHORS OR STRAPS, ETC., INSTALL PER MANUFACTURER'S SPECIFICATIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL FORM WORK, FOUR STOPS, ETC. REQ'D TO CONSTRUCT ALL CONCRETE WORK. SUCH FORM WORK IS NOT NECESSARILY SHOWN ON THE STRUCTURAL PLANS OR DETAILS. THE CONTRACTOR SHALL SPECIFY ALL FORM WORK AND SHALL INCLUDE THE COST FOR SUCH IN HISHER ORIGINAL BID.
 - CONTRACTOR SHALL PROVIDE ALL SHORING AS REQUIRED.
 - SEE FOUNDATION PLAN FOR ADDITIONAL NOTES AND REQUIREMENTS.
- CONCRETE & REINFORCEMENT**
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS. FLAT SLABS, FOUNDATION WALLS, AND CONCRETE RETAINING WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
 - ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO THE STANDARD SPECIFICATIONS ASTM A615 GRADE 60. REINFORCING STEEL SHALL BE PROPERLY TIED INTO PLACE PRIOR TO PLACING CONCRETE.
 - ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH THE ACI DETAILING MANUAL AND ACI STANDARDS (LATEST EDITION).
 - ALL SPLICES IN CONTINUOUS CONCRETE REINFORCING BARS SHALL LAP A MINIMUM OF 40 BAR DIAMETERS. ALL SPLICES SHALL BE MADE IN A COMPRESSION ZONE UNLESS NOTED. ALL CONTINUOUS REINFORCING SHALL TERMINATE WITH A 90 DEG. BEND OR WITH SEPARATE CORNER BARS.
- CONCRETE & REINFORCEMENT**
- SEE FOUNDATION WALL SCHEDULE, OR FOUNDATION PLAN, FOR SPECIFICATION OF FOUNDATION WALL REINFORCEMENT. SEE RETAINING WALL SCHEDULE, OR FOUNDATION PLAN, FOR SPECIFICATION OF RETAINING WALL REINFORCEMENT.
 - BRACE WALLS AS REQUIRED UNTIL FLOOR SLABS AND/OR FLOOR FRAMING ARE IN PLACE, AND UNTIL WALLS HAVE PROPERLY CURED.
 - FOUNDATION WALLS HAVE BEEN DESIGNED USING AN EQUIVALENT FLUID PRESSURE. A GEOTECHNICAL REPORT SHALL BE PROVIDED TO THE ENGINEER TO VERIFY PRESSURES USED FOR DESIGN. SEE STRUCTURAL PLANS AND CALCULATIONS FOR ACTUAL FLUID PRESSURE USED.
 - BACKFILL ADJACENT TO FOUNDATION WALLS OR IN LANDSCAPED AREAS SHALL BE PLACED IN LOOSE LIFTS A MAXIMUM OF EIGHT INCHES (8"). FILL SHALL HAVE A MOISTURE CONTENT WITHIN 2% OF OPTIMUM AND SHALL BE COMPACTED TO AT LEAST 90% MAXIMUM DENSITY (ASTM D 1557). HEAVY EQUIPMENT SHALL NOT BE USED TO BACKFILL WITHOUT PRIOR CONSENT OF THE ENGINEER.
 - CONTRACTOR SHALL PROVIDE DRAINAGE BEHIND ALL FOUNDATION AND RETAINING WALLS. CONTRACTOR SHALL RETAIN CONSULTANTS AS NECESSARY TO ACCOMPLISH THIS WORK.
 - CONSTRUCTION JOINTS (COLD JOINTS) IN WALLS SHALL BE WATERPROOFED TO PREVENT LEAKS.
 - WHERE WALLS SUPPORT LIGHT GAUGE METAL FRAMING, PROVIDE 5/8" dia x 10" LONG ANCHOR BOLTS AT 32" O.C. UNLESS NOTED OTHERWISE ON THE FOUNDATION PLAN. ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 7". ANCHOR BOLTS SHALL BE LOCATED IN THE MIDDLE THIRD OF THE WIDTH OF THE PLATE. ALL ANCHOR BOLTS SHALL HAVE 3" x 3" x 1/4" PLATE WASHERS. THE PLATE WASHER SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE BOTTOM PLATE ON THE SHEATHED SIDE. IF A DIAGONAL SLOT IS USED IN THE SQUARE WASHER, A STANDARD CUT WASHER SHALL BE PLACED BETWEEN THE PLATE WASHER AND NUT.
 - THE CONTRACTOR SHALL COORDINATE STEPS IN WALLS WITH THE ARCHITECT, AND SHALL VERIFY WITH THE ENGINEER.
- SLABS**
- REINFORCE ALL SLABS ON GRADE w/ N# 4 BARS AT 18" O.C. EACH WAY.
 - RECESS FOUNDATION AND POUR SLABS THROUGH, TYPICAL AT ALL EXTERIOR DOORS AND STORE FRONT TYPE WINDOWS. SEE FOUNDATION DETAILS.
 - DEPRESS SLABS AS REQUIRED IN AREAS OF CERAMIC TILE, SPECIAL ENTRY MATS, HARDWOOD FLOORS, ETC. COORDINATE LOCATION AND DEPTH WITH THE ARCHITECT.
 - PROVIDE ISOLATION JOINTS AROUND COLUMNS/SPREAD FOOTINGS, AND CONTROL JOINTS AS REQUIRED, PARTICULARLY WHERE SLABS TRANSITION IN SIZE.
 - THE CONTRACTOR SHALL TAKE CARE THAT HEAVY EQUIPMENT, AND AREAS USED FOR STAGING, DOES NOT CRACK AND DAMAGE SLABS ON GRADE. DAMAGED SLABS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.
 - REFER TO THE CIVIL PLANS FOR SPECIFICATION OF ALL EXTERIOR FLAT WORK.
- FOOTINGS**
- SEE FOOTING SCHEDULE FOR FOOTING SIZES AND REINFORCING REQUIREMENTS.
 - FOOTINGS HAVE BEEN DESIGNED USING AN ALLOWABLE BEARING PRESSURE. A GEOTECHNICAL REPORT SHALL BE PROVIDED TO THE ENGINEER TO VERIFY PRESSURES USED FOR DESIGN. SEE STRUCTURAL PLANS AND CALCULATIONS FOR ACTUAL BEARING PRESSURE USED.
 - ALL EXTERIOR FOOTINGS SHALL BEAR BELOW FROST DEPTH. CONTRACTOR TO VERIFY.
 - THE CONTRACTOR SHALL COORDINATE STEPS IN FOOTINGS WITH THE ARCHITECT, AND SHALL VERIFY WITH THE ENGINEER.
- STRUCTURAL FILL**
- STRUCTURAL FILL SHALL BE SPECIFIED AND APPROVED BY THE SOILS ENGINEER OF RECORD, BY WAY OF A GEOTECHNICAL REPORT, AS BEING APPROPRIATE FOR THE APPLICATION. STRUCTURAL FILL SHALL BE PROVIDED IN THE BUILDING PAD AND PAVEMENT AREAS AS NECESSARY.
 - STRUCTURAL FILL SHOULD BE PLACED IN LOOSE LIFTS A MAXIMUM OF EIGHT INCHES (8"). FILL SHALL HAVE A MOISTURE CONTENT WITHIN 2% OF OPTIMUM AND SHALL BE COMPACTED TO AT LEAST 90% MAXIMUM DENSITY (ASTM D 1557).
 - FOOTINGS SHALL BE SUPPORTED ON 18" MINIMUM OF PROPERLY PLACED AND COMPACTED STRUCTURAL FILL. ALL STRUCTURAL FILL SHALL EXTEND 12" MIN. BEYOND EDGES OF FOOTINGS. SEE SITE PLAN FOR ADDITIONAL FILL. REQUIRED TO RAISE THE BUILDING PAD TO REQUIRED ELEVATIONS.
 - SLABS ON GRADE SHALL BE SUPPORTED ON 12" MINIMUM OF PROPERLY PLACED AND COMPACTED STRUCTURAL FILL. SLABS ON GRADE SHALL ALSO BE CONSTRUCTED OVER 4" FREE DRAINING BASE PLACED OVER THE STRUCTURAL FILL.
 - CONTRACTOR SHALL EMPLOY THE GEOTECHNICAL ENGINEER TO OBSERVE AND APPROVE THE EXCAVATION PRIOR TO PLACING STRUCTURAL FILL OR FORMING FOOTINGS.

GENERAL STEEL NOTES

- SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
 - ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2018 IBC, AISC, AND LOCAL ORDINANCES.
 - ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND ERECTION.
 - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
 - SEE ARCHITECTURAL SHEETS FOR DECK BEARING ELEVATIONS. STRUCTURAL STEEL DETAILER SHALL DETERMINE ALL BEARING PLATE ELEVATIONS FROM ARCHITECTURAL DECK ELEVATIONS.
 - SEE ARCHITECTURAL SHEETS FOR ADDITIONAL DIMENSIONS.
 - SEE ARCHITECTURAL FOR ACCESS HATCHES, DRAFT STOPS, ETC.
 - SUBMIT SHOP DRAWINGS OF ALL STRUCTURAL STEEL, STEEL JOISTS, STEEL DECKING & MISCELLANEOUS STEEL TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
 - SEE FRAMING PLANS FOR ADDITIONAL NOTES AND REQUIREMENTS.
 - AT COMPLETION OF MANUFACTURE, THE STEEL JOIST MANUFACTURER SHALL SUBMIT A CERTIFICATE OF COMPLIANCE IN ACCORDANCE WITH 2018 18C SECTION 1704.2.5.2 STATING THAT WORK WAS PERFORMED IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS AND WITH SJI STANDARD SPECIFICATIONS.
- STRUCTURAL STEEL**
- ALL WIDE FLANGE MEMBERS TO BE MANUFACTURED UNDER ASTM A992.
 - ALL STRUCTURAL PLATES, CHANNELS & ANGLES TO BE MANUFACTURED UNDER ASTM A36.
 - ALL HSS MEMBERS TO BE MANUFACTURED UNDER ASTM A500 GRADE C.
 - ALL PIPE COLUMNS TO BE MANUFACTURED UNDER ASTM A500 GRADE C.
 - ALL BOLTS FOR STEEL TO STEEL CONNECTIONS TO BE 3/4" DIA. MIN. A325-N HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE. BOLTS EMBEDDED IN CONCRETE OR MASONRY SHALL BE F1554 GRADE 36 UNLESS NOTED OTHERWISE.
 - ALL JOIST WELDS TO BE E7024. ALL DECK WELDS TO BE E6022. ALL WELDS FOR SEISMIC SPECIFIC CONNECTIONS TO BE E7018. ALL OTHER WELDS TO BE 70 KSI MIN. ALL WELDS SHALL BE BY A CERTIFIED WELDER.
 - ALL WELDS AND BOLTING TO MEET APPROVAL OF SPECIAL INSPECTOR AS REQUIRED BY BUILDING OFFICIAL.
 - ALL STEEL SHALL BE PROPERLY PRIMED EXCEPT AREAS THAT REQUIRE FIELD WELDING (i.e. TOP OF BEAMS).
 - SEE ARCHITECTURAL, MECHANICAL & ELECTRICAL FOR ADDITIONAL STEEL MEMBERS (BRACKETS, ANGLES, ETC.) REQUIRED.
 - STEEL MEMBERS SHALL NOT BE CUT, DRILLED OR TORCHED FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED.
 - ANY MODIFICATION OF STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRIOR APPROVAL.
 - ANY CONNECTIONS NOT DETAILED ON STRUCTURAL PLANS SHALL BE PROVIDED BY THE STEEL DETAILER. SHOP DRAWINGS FOR ALL FABRICATED STEEL CONNECTIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
- STEEL DECKING**
- STEEL DECK TO MEET REQUIREMENTS OF STEEL DECK INSTITUTE. ALL DECK SHALL BE PROVIDED TO SPAN A MINIMUM OF THREE SUPPORTS.
 - ROOF DECKING TO BE TYPE VERCO HSB 20 GA GALVANIZED UNLESS NOTED OTHERWISE.
 - FASTEN ROOF DECK w/ MECHANICAL FASTENERS TO ACHIEVE A DIAPHRAGM CAPACITY = 500 PLF (ASD). SUBMIT DESIGN FOR APPROVAL.
 - REINFORCE DECK OPENING FOR SKYLIGHTS, ACCESS HATCHES, MECHANICAL UNITS, ETC., WITH STEEL ANGLE ON ALL UNSUPPORTED EDGES WELDED IN PLACE. ANGLES SHALL SPAN BETWEEN JOIST AND BETWEEN OTHER ANGLES AS REQUIRED. STRUCTURAL STEEL SUPPLIER SHALL INCLUDE OPENINGS OF THIS TYPE IN ITS BID. SEE PLANS FOR ADDITIONAL FRAMING REQUIREMENTS AT OPENINGS.

LIGHT GAUGE METAL FRAMING NOTES:



- ALL PRODUCTS, DETAILING, FABRICATION AND INSTALLATION SHALL MEET THE REQUIREMENTS OF AISI SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, AND THE 2018 INTERNATIONAL BUILDING CODE.
 - ALL STEEL STUDS SHALL BE THE TYPE, SIZE AND GAUGE SHOWN ON THE PLANS.
 - ALL LIGHT GAUGE STEEL, STUDS, JOISTS, TRACKS AND COMPONENTS SHALL BE FORMED FROM ZINC COATED (G60 GALVANIZED) STEEL MEETING THE REQUIREMENTS OF ASTM-A653.
- GAUGE:**
- | | |
|-------------------------------|-----------------|
| 37 MIL, 48 MIL, 54 MIL, | Fy (MIN) 50 ksi |
| 43 MIL, 33 MIL, | Fy (MIN) 33 ksi |
- NOTE: GRADE 50 STEEL TO CONFORM TO ASTM A570 REQUIREMENTS. GRADE 33 STEEL TO CONFORM TO ASTM 611 GRADE C REQUIREMENTS.
- ALL STUDS, TRACK AND ACCESSORIES SHALL BE GALVANIZED OR PRIMED w/ RUST-INHIBITIVE PAINT, MEETING THE PERFORMANCE REQUIREMENTS OF T1-P-636C.
 - THE PHYSICAL AND STRUCTURAL PROPERTIES LISTED BY AISI SHALL BE CONSIDERED THE MINIMUM FOR ALL FRAMING MEMBERS.
 - ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS, OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.
 - AXIALLY LOADED STUDS SHALL BE INSTALLED IN A MANNER WHICH WILL ASSURE THAT ENDS OF THE STUDS ARE POSITIONED AGAINST THE INSIDE TRACK WEB, PRIOR TO STUD AND TRACK ATTACHMENT.
 - AT TRACK BUTT JOINTS, ABUTTING PIECES OF TRACK SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, OR THEY SHALL BE BUTT WELDED OR SPLICED TOGETHER.
 - TEMPORARILY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.
 - WALL STUD BRIDGING SHALL BE INSTALLED IN A MANNER TO PROVIDE RESISTANCE TO BOTH MINOR AXIS BENDING AND ROTATION BRIDGING ROWS SHALL BE EQUALLY SPACED NOT TO EXCEED 6'-0" ON CENTER SPACING, UNLESS CONTINUOUS SHEATHING IS PRESENT ON BOTH SIDES OF STUDS FROM TRACK TO SUPPORTS.
 - ALL CONNECTORS SHALL BE FIELD SCREWED USING #8 - #16 SELF TAPPING SCREWS, OR SHOP WELDED. USE 20 SCREWS MINIMUM FOR EACH CONNECTION. ALL WELDING SHALL CONFORM TO AWS D1.3.
 - ALL SCREWS SHALL HAVE AN EDGE DISTANCE OF 1/2" (MIN) UNL.O. AND SHALL BE SPACED MIN. OF (4) SCREW DIAMETERS.
 - TORCH CUTTING OF MEMBERS OR HOLES IS NOT PERMITTED.
 - CONTRACTOR MAY SUBSTITUTE MEMBERS OF GREATER STRENGTH THAN SHOWN SUBJECT TO APPROVAL FROM ENGINEER OF RECORD. ALTERNATE CONNECTIONS MAY BE USED UPON REVIEW AND APPROVAL OF ENGINEER.
 - PROVIDE SLIP TRACK TYPE CONNECTION ON UNDERSIDE OF ALL STEEL BEAMS.
 - ALL LIGHTWEIGHT STEEL FRAMING SHALL CONFORM TO ASTM A446.
 - CONTRACTOR SHALL PROVIDE ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO TRACKS, SLIPS, WEB STIFFENERS, ANCHORS AND FASTENING DEVICES TO COMPLETE A PROPER INSTALLATION AS RECOMMENDED BY THE MANUFACTURER.

DESIGN CRITERIA

- GOVERNING BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE (IBC)
- ROOF LIVE LOADING:
 - ROOF LIVE LOAD, 20 PSF
 - ROOF SNOW LOAD, 20 PSF
 - GROUND SNOW LOAD, Pg 30 PSF
 - SNOW EXPOSURE FACTOR, Ce 1.0
 - IMPORTANCE FACTOR, Ie 1.0
 - THERMAL FACTOR, Ct 1.0
- ROOF DEAD LOADS:
 - FLAT ROOF, 20 PSF
- EARTHQUAKE:
 - RISK CATEGORY II
 - SEISMIC DESIGN CATEGORY D
 - SPECTRAL RESPONSE ACCELERATIONS:
 - S_a = 1.40g
 - S_{0.1} = 1.12g
 - S₁ = 0.60g
 - S_{0.5} = 0.57g
 - SOIL SITE CLASS: D
 - F_a = 1.2
 - F_v = 1.8
 - IMPORTANCE FACTOR, I_e 1.0
 - DESIGN BASE SHEAR 31.7 x 25.8 x 14.2 x
 - SEISMIC RESPONSE COEFFICIENT, C_s 0.172 (0.140/0.448)
 - ANALYSIS PROCEDURE WOOD SHEARWALL SMRF, CANT. STEEL
 - BASIC SEISMIC FORCE RESISTING SYSTEM 6.5, 8.0, 2.5
 - RESPONSE MODIFICATION FACTOR, R 8.0
- WIND:
 - BASIC WIND SPEED (3 SECOND GUST) 105 MPH (ULTIMATE)
 - EXPOSURE 93 MPH (NOMINAL)
 - INTERNAL PRESSURE COEFFICIENT, GC_p 0.18
 - COMPONENTS AND CLADDING PRESSURE WALL ZONE 4 = 28 PSF
WALL ZONE 5 = 34 PSF
- FOUNDATION:
 - SOILS REPORT BY NONE
 - DATED NONE
 - SOIL BEARING PRESSURE 1,500 psf
 - LATERAL SOIL PRESSURE FLUID EQUIVALENT DENSITY
- RAIN LOAD:
 - 100 YEAR 1 INCH/ HOUR

DEFERRED SUBMITTALS

- THE CONTRACTOR SHALL SUBMIT THE FOLLOWING DOCUMENTS TO THE ARCHITECT AND ENGINEER OF RECORD FOR REVIEW AND APPROVAL. THE DOCUMENTS MUST BE PREPARED AND STAMPED BY AN ENGINEER LICENSED IN THE STATE OF UTAH. THE DOCUMENTS MAY BE SUBMITTED AFTER THE BUILDING PERMIT IS ISSUED, BUT MUST BE SUBMITTED AND APPROVED PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION OF THE COMPONENTS.
 - SEISMIC BRACING OF FIRE SUPPRESSION PIPES
 - SEISMIC ATTACHMENT OF ROOF TOP MECHANICAL EQUIPMENT
 - SEISMIC BRACING OF SUSPENDED CEILING

 <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #118 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 768-3000 cma@curtmin.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: 21-134</p> <p>PROJ. MAN.: J.D.A</p> <p>CHECKED BY: J.D.A</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: GENERAL NOTE SHEET</p>	<p>SHEET: S001</p>

THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT ©2017 CURTIS MINER ARCHITECTURE, LLC

PROFESSIONAL STRUCTURAL ENGINEER
NO. 190917
JAY D. ADAMS
STATE OF UTAH
12-23-21

1

2

3

4

5

6

MARK	REVISION	DATE

SPECIAL INSPECTION SCHEDULE

SOILS (IBC1705.6)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
X	VERIFY ADEQUATE MATERIALS BELOW FOOTINGS		◆	PRIOR TO PLACEMENT OF CONCRETE.
X	EXCAVATION EXTEND TO PROPER DEPTH AND MATERIALS		◆	PRIOR TO PLACEMENT OF COMPACTED FILL OR CONCRETE.
X	CLASSIFICATION AND TESTING OF FILL MATERIALS		◆	CHECK CLASSIFICATION AND GRADATIONS AT EACH LIFT, BUT NOT LESS THAN ONCE FOR EACH 10,000 FT ² OF SURFACE AREA.
X	VERIFY PROPER FILL MATERIALS, LIFT THICKNESSES AND IN-PLACE DENSITIES	◆		
X	VERIFY PROPERLY PREPARED SITE AND SUBGRADE		◆	PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE CONSTRUCTION (IBC1705.3)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
X	REINFORCING STEEL PLACEMENT		◆	VERIFY SIZE, CLEARANCES, SPLICES AND PROPER TIES.
X	REINFORCING BAR WELDING a. WELDABILITY OF NON ASTM A706 BARS b. SINGLE PASS FILLED WELDS < 1/4" c. ALL OTHER WELDS	◆		
X	CAST IN ANCHORS		◆	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED ON APPROVED PLANS.
X	POST-INSTALLED ANCHORS a. ADHESIVE ANCHORS INSTALLED HORIZ. or UPWARDLY INCLINED RESISTING SUSTAINED TENSION LOADS b. POST INSTALLED ANCHORS NOT DEFINED IN a.	◆		IN ACCORDANCE WITH APPROVED ICC-ES REPORT. PERIODIC INSPECTIONS ALLOWED IF STATED IN ES REPORT.
X	VERIFY REQUIRED DESIGN MIX		◆	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED ON APPROVED PLANS.
X	SLUMP, AIR + TEMPERATURE TESTS. PREPARE STRENGTH TEST SAMPLES	◆		
X	CONCRETE PLACEMENT	◆		INCLUDES SAMPLING FOR AIR, SLUMP, STRENGTH AND TEMPERATURE TECHNIQUES.
X	CURING TEMPERATURE MAINTENANCE		◆	
	PRESTRESSED CONCRETE a. PRESTRESSING FORCES b. GROUTING OF BONDED TENDONS	◆		
	ERECTION OF PRECAST MEMBERS		◆	
	POST-TENSIONED CONCRETE STRENGTH		◆	
	INSPECT FORMWORK		◆	

COLD-FORMED STEEL CONSTRUCTION (IBC1705.11.2&1705.12.3)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	COMPONENTS OF WIND AND SEISMIC-FORCE RESISTING SYSTEMS		◆	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING ≤ 4' O.C.
	FIELD WELDING OF ELEMENTS OF MAIN LATERAL FORCE RESISTING SYSTEM.		◆	

OTHER THAN STRUCTURAL STEEL (IBC1705.2.2)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	STEEL ROOF & FLOOR DECK: MATERIAL VERIFICATION OF STEEL DECK		◆	IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD
	ROOF AND DECK WELDS		◆	VERIFY THAT WELDS CONFORM TO AWS D1.3.
	WELDING OF REINFORCING STEEL: VERIFICATION OF WELDABILITY (EXCEPT A706 BAR)		◆	VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4.

INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	END CONNECTIONS		◆	SJI 2207.1
	BRIDGING - HORIZONTAL OR DIAGONAL a. STANDARD BRIDGING b. NON-STANDARD BRIDGING		◆	SJI 2207.1

MASONRY CONSTRUCTION (IBC1705.4)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	MINIMUM TESTING (TABLE 1.19.2, TMS - 402/ACI 530-11): VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) FOR SELF-CONSOLIDATING GROUT. VERIFICATION OF F _u		◆	COMPRESSIVE STRENGTH TESTS PER ASTM C 1019 FOR SLUMP FLOW AND ASTM C 1611 FOR VSI. DETERMINE COMPRESSIVE STRENGTH PER "UNIT STRENGTH" OR "PRISM TEST" AS SPECIFIED IN ARTICLE 1.4.9 OF ACI 530.1 PRIOR TO CONSTRUCTION.
	PRIOR TO CONSTRUCTION (ARTICLE 1.15, TMS-602/ACI 530.1-11): REVIEW MATERIAL CERTIFICATES, MIX DESIGNS, TEST RESULTS AND CONSTRUCTION PROCEDURES		◆	VERIFY MATERIALS CONFORM TO APPROVED CONSTRUCTION DOCUMENTS, MIX DESIGN, TEST RESULTS, MATERIAL CERTIFICATES, AND CONSTRUCTION PROCEDURES SHOULD BE SUBMITTED FOR REVIEW. MORTAR MIX DESIGNS SHALL CONFORM TO ASTM C 270 WHILE GROUT SHALL CONFORM TO ASTM C 476. MATERIAL CERTIFICATES SHALL BE PROVIDED FOR THE FOLLOWING: REINFORCEMENT; ANCHORS; TIES; FASTENERS; AND METAL ACCESSORIES; MASONRY UNITS; MORTAR AND GROUT MATERIALS. REVIEW COLD-WEATHER OR HOT-WEATHER CONSTRUCTION PROCEDURES.
	AS CONSTRUCTION BEGINS (TABLE 1.19.2, TMS-402/ACI 530-11): PROPORTIONS OF SITE-PREPARED MORTAR		◆	VERIFY THAT MORTAR IS TYPE AND COLOR SPECIFIED ON APPROVED PLANS, IT CONFORMS TO ASTM C 270, AND IS MIXED PER ARTICLE 2.6.A OF ACI 530.1.
	CONSTRUCTION OF MORTAR JOINTS		◆	VERIFY MORTAR JOINTS MEET ARTICLE 3.3.B OF ACI 530.1.1
	GRADE AND SIZE OF PRE-STRESSING TENDONS AND ANCHORAGES		◆	VERIFY THAT PRE-STRESSING TENDONS CONFORM TO REQUIREMENTS OF ARTICLE 2.4B AND 2.4H OF ACI30.1
	LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.		◆	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.
	PRE-STRESSING TECHNIQUE		◆	VERIFY PRE-STRESSING TECHNIQUE CONFORMS TO ARTICLE 3.6B OR ACI 530.1
	PROPERTIES OF THIN BED MORTAR FOR AAC MASONRY		◆	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.
	PRIOR TO GROUTING (TABLE 1.19.2, TMS-402/ACI 530-11): GROUT SPACE		◆	VERIFY GROUT SPACE IS FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATE, AND OTHER DELETERIOUS MATERIALS AND THAT CLEANOUTS ARE PROVIDED PER ARTICLE 3.2D AND 3.2F OF ACI 530.1
	GRADE, TYPE AND SIZE OF REINFORCEMENT, ANCHOR BOLTS AND ANCHORAGES.		◆	VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS COMPLY WITH APPROVED PLANS AND SECTIONS 1.6 OF ACI 530.
	PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.		◆	VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS ARE INSTALLED PER APPROVED PLANS AND ARTICLES 3.2.E, 3.4, AND 3.6.A OF ACI 530.1.
	PROPORTIONS OF SITE-PREPARED GROUT.		◆	VERIFY GROUT PROPORTIONS MEET ASTM C 476 AND A SLUMP BETWEEN 8-11 INCHES. SELF-CONSOLIDATED GROUT SHALL NOT BE PROPORTIONED ONSITE.
	CONSTRUCTION OF MORTAR JOINTS		◆	VERIFY MORTAR JOINTS PLACED IN ACCORDANCE WITH ARTICLE 3.3.B OF ACI 530.1.
	DURING CONSTRUCTION (TABLE 1.19.2, TMS-402/ACI 530-11): SIZE AND LOCATION OF STRUCTURAL ELEMENTS		◆	VERIFY LOCATIONS OF STRUCTURAL ELEMENTS PER APPROVED PLANS AND CONFIRM TOLERANCES MEET ARTICLE 3.3.F OF ACI 530.1.
	TYPE, SIZE AND LOCATION OF ANCHORS, FRAMES, ETC.		◆	VERIFY CORRECT ANCHORAGES AND CONNECTIONS ARE PROVIDED PER APPROVED PLANS AND SECTIONS 1.16.4.3 AND 1.17.1 OF ACI 530.
	WELDING OF REINFORCEMENT		◆	VERIFY CONFORMANCE WITH SECTIONS 2.1.7.2.2, 3.3.3.4 (g) AND 8.3.3.4 (b) OF ACI 530
	APPLICATION AND MEASUREMENT OF PRE-STRESSING FORCE		◆	VERIFY CONFORMANCE WITH ARTICLE 3.6B OF ACI 530.1
	PLACEMENT OF GROUT		◆	
	PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (<40°F) OR HOT WEATHER (>90°F).		◆	VERIFY COLD-WEATHER CONSTRUCTION COMPLIES WITH ARTICLE 1.8.C OF ACI 530.1 AND HOT WEATHER CONSTRUCTION PER ARTICLE 1.8.D OF ACI 530.1.
	PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOR BONDED TENDONS		◆	VERIFY COMPLIANCE WITH ARTICLE 3.5, 3.6C OF ACI 530.1
	OBSERVATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND / OR PRISMS.		◆	CONFIRM SPECIMENS/ PRISMS ARE PERFORMED AS REQUIRED BY ARTICLE 1.4 OF ACI 530.1.

WOOD CONSTRUCTION (IBC1705.11.2)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	COMPONENTS OF WIND AND SEISMIC-FORCE RESISTING SYSTEMS		◆	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING ≤ 4' O.C.
	FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM		◆	

STATEMENT OF SPECIAL INSPECTIONS

- THE PROJECT OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED BELOW. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS REQUIRED BY THE BUILDING DEPARTMENT OF THE LOCAL JURISDICTION.
- SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT A PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.
- SPECIAL INSPECTIONS FOR EACH TASK SHALL BE CARRIED OUT IN COMPLIANCE WITH REQUIREMENTS PER THE CURRENT IBC AND OTHER MATERIAL STANDARDS.
FABRICATION SHOP REQUIREMENTS
4. WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATORS SHOP, SPECIAL INSPECTIONS REQUIRED BELOW SHALL BE PROVIDED IN THE SHOP DURING THE FABRICATION PROCESS. THIS REQUIREMENT MAY BE EXCEPTED IF THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. A CERTIFICATE SHALL BE REQUIRED TO VERIFY SUCH APPROVAL. AT COMPLETION OF THE FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS.

STRUCTURAL STEEL CONSTRUCTION (IBC 1705.2, 1705.11, 1705.12)				
REQ'D	TASK	INSPECTION TYPE		COMMENTS:
		O.C.	Q.A.	
	PRIOR TO WELDING (TABLE N5.4-1, AISC 360-10): VERIFY WELDING PROCEDURES	P	P	
X	MANUFACTURER CERTIFICATIONS	P	P	
X	MATERIAL IDENTIFICATION	O	O	VERIFY TYPE AND GRADE OF MATERIAL.
X	WELDER IDENTIFICATION	O	O	VERIFY THERE IS A SYSTEM IN PLACE TO IDENTIFY THE WELDER WHO HAS WELDED A JOINT OR MEMBER.
X	FIT-UP GROOVE WELDS	O	O	VERIFY JOINT PREPARATION, DIMENSIONS, CLEANLINESS, TACKING AND BACKING.
X	ACCESS HOLES	O	O	VERIFY CONFIGURATION AND FINISH.
X	FIT-UP FILLET WELDS	O	O	VERIFY ALIGNMENT, GAPS AT ROOT, CLEANLINESS OF STEEL SURFACES, TACK WELD QUALITY AND LOCATION.
X	CHECK WELDING EQUIPMENT	O	O	
	DURING WELDING (TABLE N5.4-2, AISC 360-10): USE OF QUALIFIED WELDERS	O	O	VERIFY THAT WELDERS ARE APPROPRIATELY QUALIFIED.
X	CONTROL AND HANDLING OF WELDING CONSUMABLES	O	O	VERIFY PACKAGING AND EXPOSURE CONTROL.
X	CRACKED TACK WELDS	O	O	VERIFY WELDING IS NOT OVER A CRACKED TACK WELD.
X	ENVIRONMENTAL CONDITIONS	O	O	VERIFY WIND SPEED IS WITHIN LIMITS AS WELL AS PRECIPITATION AND TEMPERATURE.
X	WPS FOLLOWED	O	O	VERIFY ITEMS SUCH AS WELDING EQUIPMENT SETTINGS, TRAVEL SPEED, WELDING MATERIALS, SHIELDING GAS TYPE/FLOW RATE, PREHEAT APPLIED, INTERPASS TEMPERATURE MAINTAINED, AND PROPER POSITIONING.
X	WELDING TECHNIQUES	O	O	VERIFY INTERPASS AND FINAL CLEANING, EACH PASS IS WITHIN PROFILE LIMITATIONS, AND QUALITY OF EACH PASS.
	AFTER WELDING (TABLE N5.4-3, AISC 360-10): WELDS CLEANED	O	O	VERIFY THAT WELDS HAVE BEEN PROPERLY CLEANED.
X	SIZE, LENGTH AND LOCATION OF WELDS	P	P	
X	WELDS MEET VISUAL ACCEPTANCE CRITERIA	P	P	
X	ARC STRIKES	P	P	
	PRIOR TO BOLTING (TABLE N5.6-1 AISC 360-10): MANUFACTURERS CERTIFICATIONS FOR FASTENERS	O	P	
X	FASTENERS MARKED w/ ASTM REQUIREMENTS	O	O	
X	PROPER FASTENERS SELECTED FOR DETAIL	O	O	
X	PROPER PROCEDURE FOR DETAIL	O	O	
X	CONNECTING ELEMENTS	O	O	
X	PRE-INSTALLATION VERIFICATION TESTING	P	O	
X	PROPER STORAGE OF FASTENERS	O	O	
	DURING BOLTING (TABLE N5.6-2 AISC 360-10): FASTENER ASSEMBLIES	O	O	
	JOINTS SNUG TIGHT PRIOR TO PRETENSIONING	O	O	
	PROPER WRENCH USAGE	O	O	
	FASTENERS PRETENSIONED	O	O	
	AFTER BOLTING (TABLE N5.6-3, AISC 360-10): STRUCTURAL STEEL DETAILS	P	P	

O- OBSERVE THESE ITEMS ON A RANDOM BASIS.
P- PERFORM THESE TASKS FOR EACH WELDED / BOLTED JOINT OR MEMBER (AISC 360-10 N5.4)



A

B

C

D

E

 <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PLEASANT GROVE, UTAH 84042</p> <p>PHONE: (801) 768-3000 cma@curtisminer.com</p>	DATE: DECEMBER 23, 2021 PROJECT #: 21-134 PROJ. MAN.: J.D.A. CHECKED BY: J.D.A.
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
SHEET DESCRIPTION: SPECIAL INSPECTION SHEET	
SHEET: S002	

1

2

3

4

5

6

MARK	REVISION	DATE

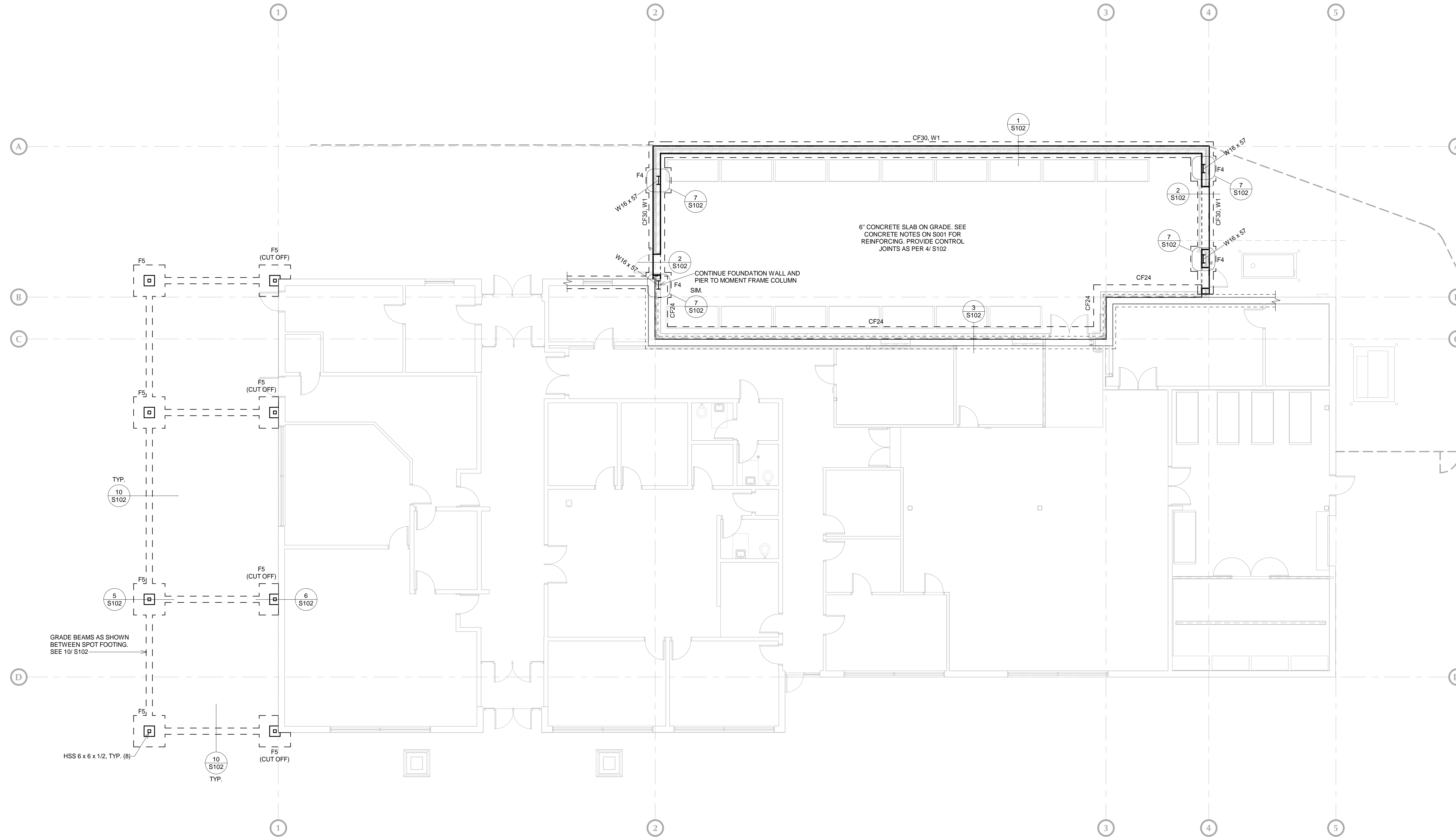
A

B

C

D

E



FOUNDATION WALL SCHEDULE				
MARK	WALL WIDTH	WALL HEIGHT	VERT. REINFORCING SIZE SPACING	HORIZ. REINFORCING SIZE SPACING
W1	16"	4'-0" MAX	#4 18" O.C.	#4 12" O.C.

* THIS WALL REQUIRES (2) MATS OF REINFORCING (1) MAT 2' OFF EA. FACE AS SPECIFIED ABOVE

FOOTING SCHEDULE									
MARK	WIDTH	LENGTH	DEPTH	REINFORCING CROSS-WISE			REINFORCING LENGTH-WISE		
				No.	SIZE	LENGTH SPACING	No.	SIZE	LENGTH SPACING
CF24	24"	CONT.	12"	-	-	-	(3)	#4	CONT. EQUAL
CF30	30"	CONT.	12"	-	-	-	(3)	#5	CONT. EQUAL
F4	4'-0"	4'-0"	12"	(5)	#4	3'-6" EQUAL	(5)	#4	3'-6" EQUAL
F5 *	5'-0"	5'-0"	15"	(6)	#5	4'-6" EQUAL	(6)	#5	4'-6" EQUAL

* PROVIDE MAT OF SCHEDULED STEEL TOP AND BOTTOM

<p>333 SOUTH PLEASANT GROVE SUITE #112 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 788-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: 21-134</p> <p>PROJ. MAN.: J.D.A.</p> <p>CHECKED BY: J.D.A.</p>	
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT © 2017 CURTIS MINER ARCHITECTURE, LLC.</p> <p>NO. 190917 JAY D. ADAMS STATE OF UTAH 12-23-21</p>
<p>SHEET DESCRIPTION: FOUNDATION PLAN</p> <p>SCALE: 1/8" = 1'-0"</p>		<p>SHEET: S101</p>

1

2

3

4

5

6

MARK	REVISION	DATE

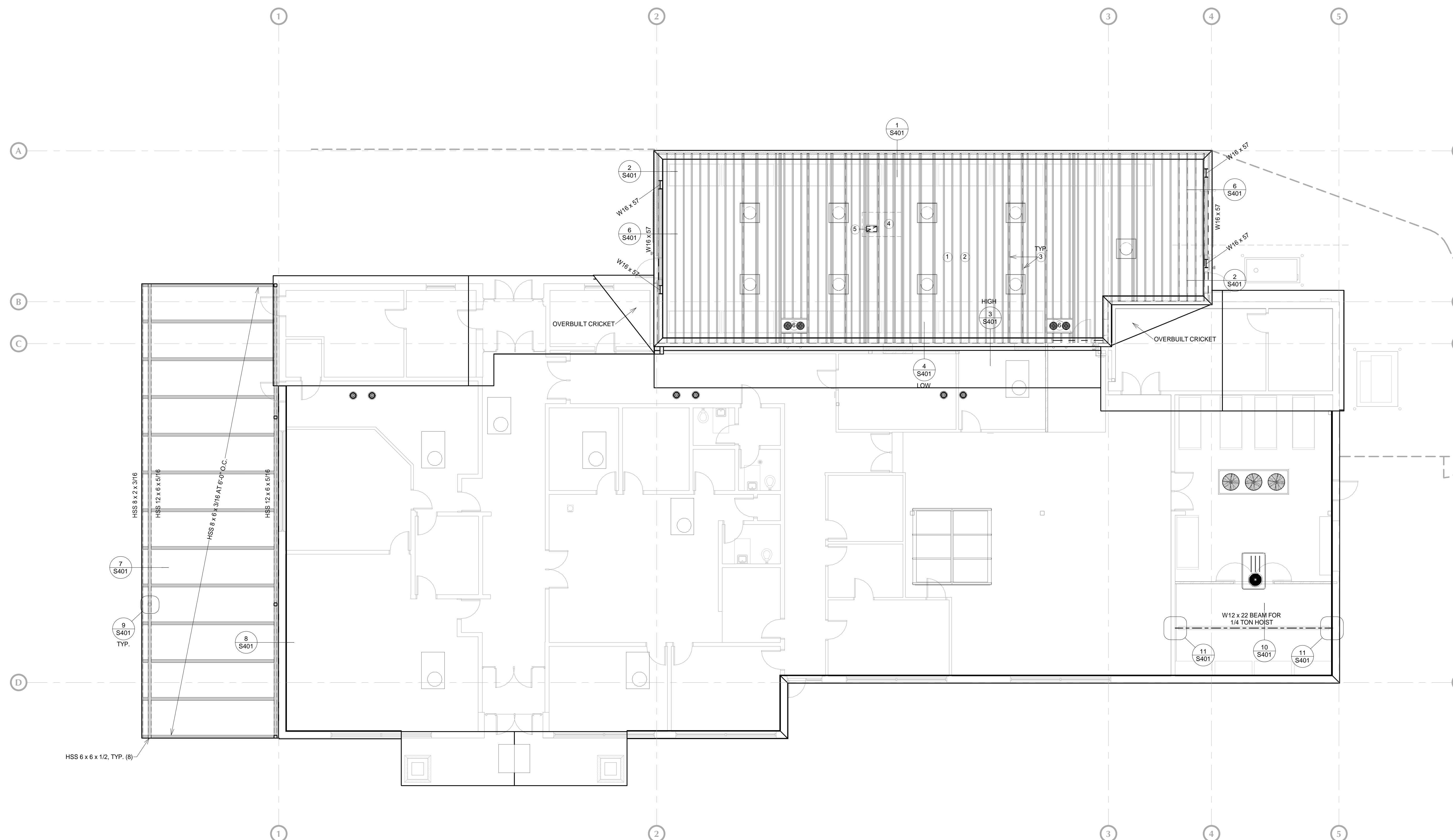
A

B

C

D

E



ROOF FRAMING NOTES

- ① FRAME ROOF w/ 1200S250-68 LIGHT GAGE JOISTS AT 16" O.C.
- ② SEE S001 FOR ROOF DECK SPECIFICATIONS
- ③ PROVIDE DOUBLE JOIST EACH SIDE OF EACH SOLO-TUBE. PROVIDE JOIST BLOCKING ALL EDGES OF SHEATHING AT OPENING
- ④ ROOF TOP MECHANICAL UNIT. PROVIDE DOUBLE JOISTS AT 16" O.C. UNDER UNIT.
- ⑤ HEADER OFF DUCT OPENING. PROVIDE DOUBLE FULL LENGTH JOISTS EACH SIDE TO SUPPORT HEADER
- ⑥ HEADER OFF AT ROOF DRAIN PAN. PROVIDE DOUBLE FULL LENGTH JOISTS EACH SIDE TO SUPPORT HEADER

<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE SUITE #112 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 798-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: 21-134</p> <p>PROJ. MAN.: J.D.A.</p> <p>CHECKED BY: J.D.A.</p>	
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT ©2021 CURTIS MINER ARCHITECTURE, LLC.</p> <p>REGISTERED PROFESSIONAL ARCHITECT</p> <p>NO. 190917</p> <p>JAY D. ADAMS</p> <p>STATE OF UTAH</p> <p>12-23-21</p>
<p>SHEET DESCRIPTION: ROOF FRAMING PLAN</p> <p>SCALE: 1/8" = 1'-0"</p>		<p>SHEET: S201</p>

1

2

3

4

5

6

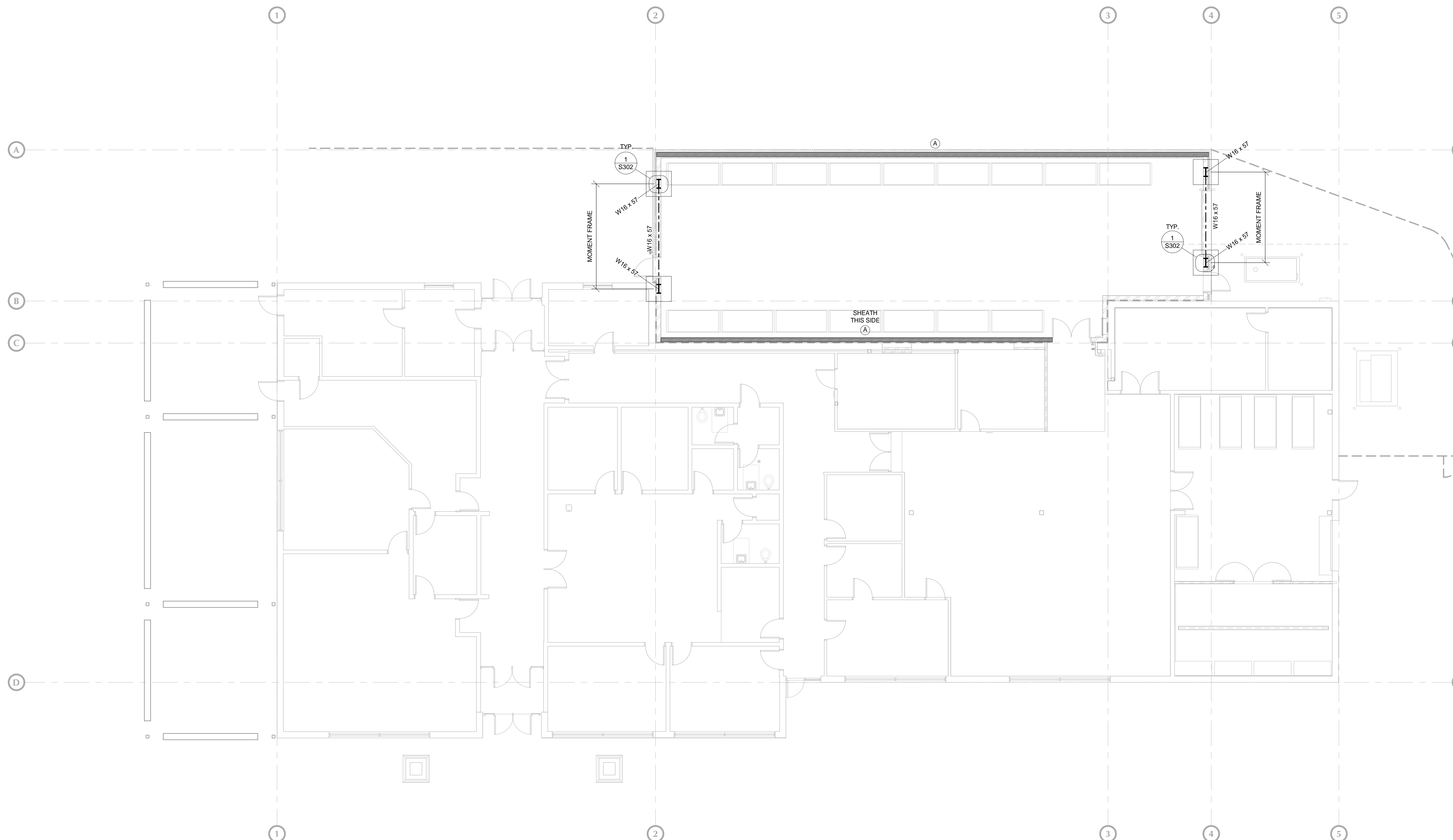
MARK	REVISION	DATE

A

B

C

D



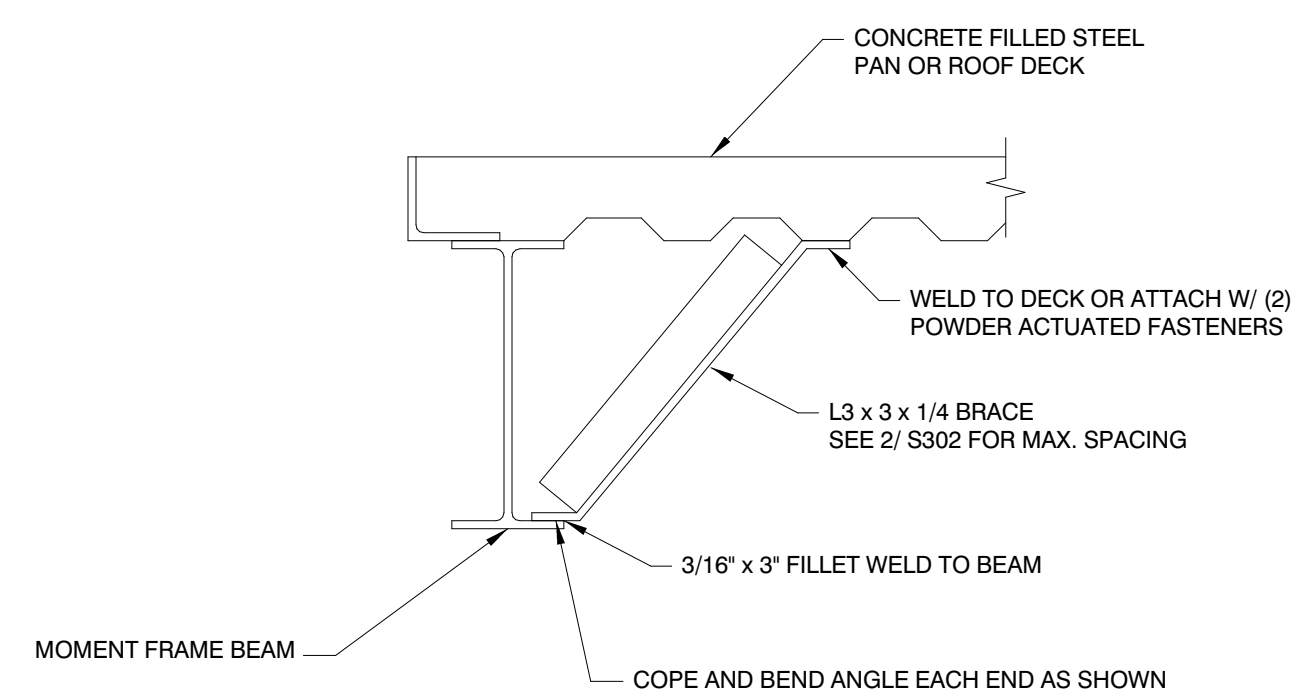
E

LIGHT GAUGE SHEARWALL SCHEDULE							
MARK	PANEL GRADE	PANEL THICKNESS	PANEL EDGE SCREW ATTACHMENT	PANEL FIELD SCREW ATTACHMENT	STUDS AT ADJOINING PANEL EDGES	ANCHOR BOLTS AT FOUNDATION LEVEL	TRACK AT FOUNDATION
A	APA EXP. 1	7/16"	#10 AT 6" O.C.	#10 AT 12" O.C.	800S162-68	5/8" x 10" J-BOLTS AT 32" O.C.	600T125-54

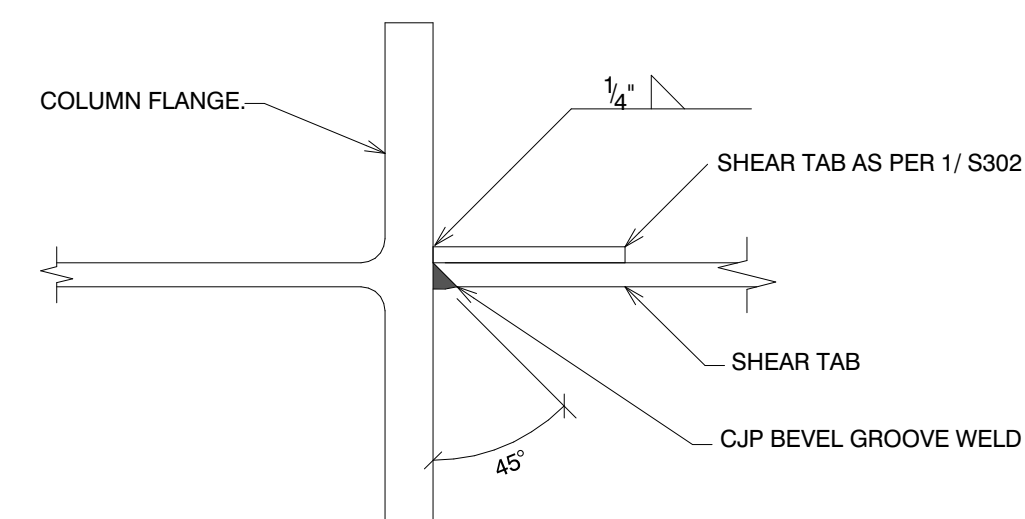
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION
- PLYWOOD, ORIENTED STRAND BOARD and COMPOSITE BOARD (BUT NOT STRUCTURAL PARTICLE BOARD) ARE ACCEPTED AS EQUALS
- ALL PANEL EDGES AT SHEARWALLS TO BE BACKED w/ 1 5/8" WIDE FRAMING. EXCEPT WHERE INDICATED TO BE DOUBLE FRAMED
- ALL ANCHOR BOLTS TO HAVE A 3" x 3" x 1/4" PLATE WASHER (SEE SHEARWALL SCHEDULE ABOVE FOR SPACING)
- ALL STUDS IN SHEARWALLS SHALL BE 60 ksi STEEL
- SHEARWALL PANELS INDICATED ON SCHEDULE TO BE SHEATHED FULL HEIGHT OF WALL
- SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS
- BACK ALL HORIZONTAL SHEATHING JOINTS w/ STUD SEGMENTS
- DOUBLE STUDS USED AT ADJOINING PANEL EDGES NEED TO BE CONNECTED TOGETHER w/ #10 SCREWS AT 6" O.C. (CONTINUOUS)

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 768-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: 21-134</p> <p>PROJ. MAN.: J.D.A.</p> <p>CHECKED BY: J.D.A.</p>	
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT ©2021 CURTIS MINER ARCHITECTURE, LLC.</p> <p>NO. 190917 JAY D. ADAMS STATE OF UTAH 12-23-21</p>
<p>SHEET DESCRIPTION: SHEARWALL PLAN SCALE: 1/8" = 1'-0"</p>		<p>SHEET: S301</p>

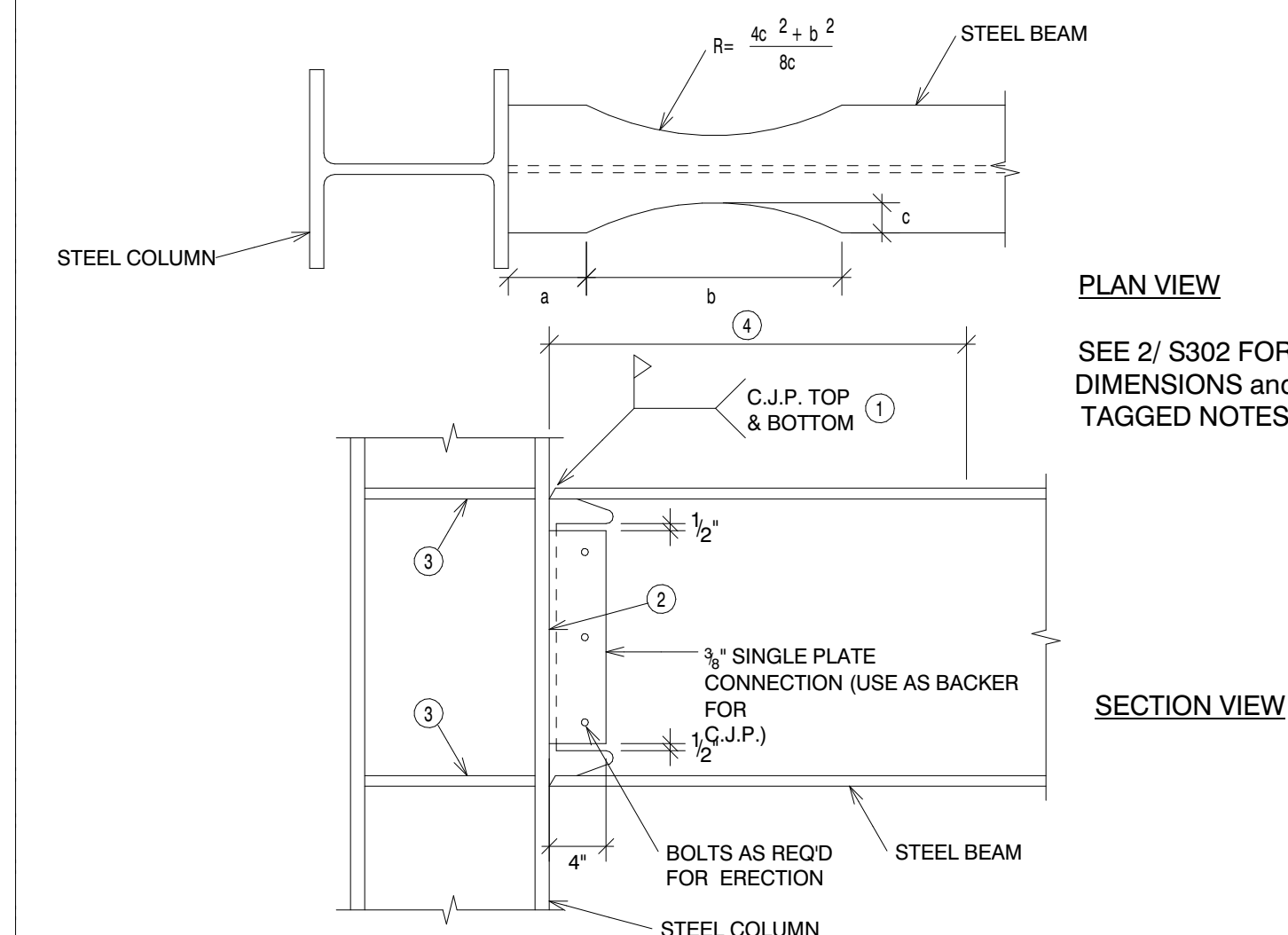
MARK	REVISION	DATE



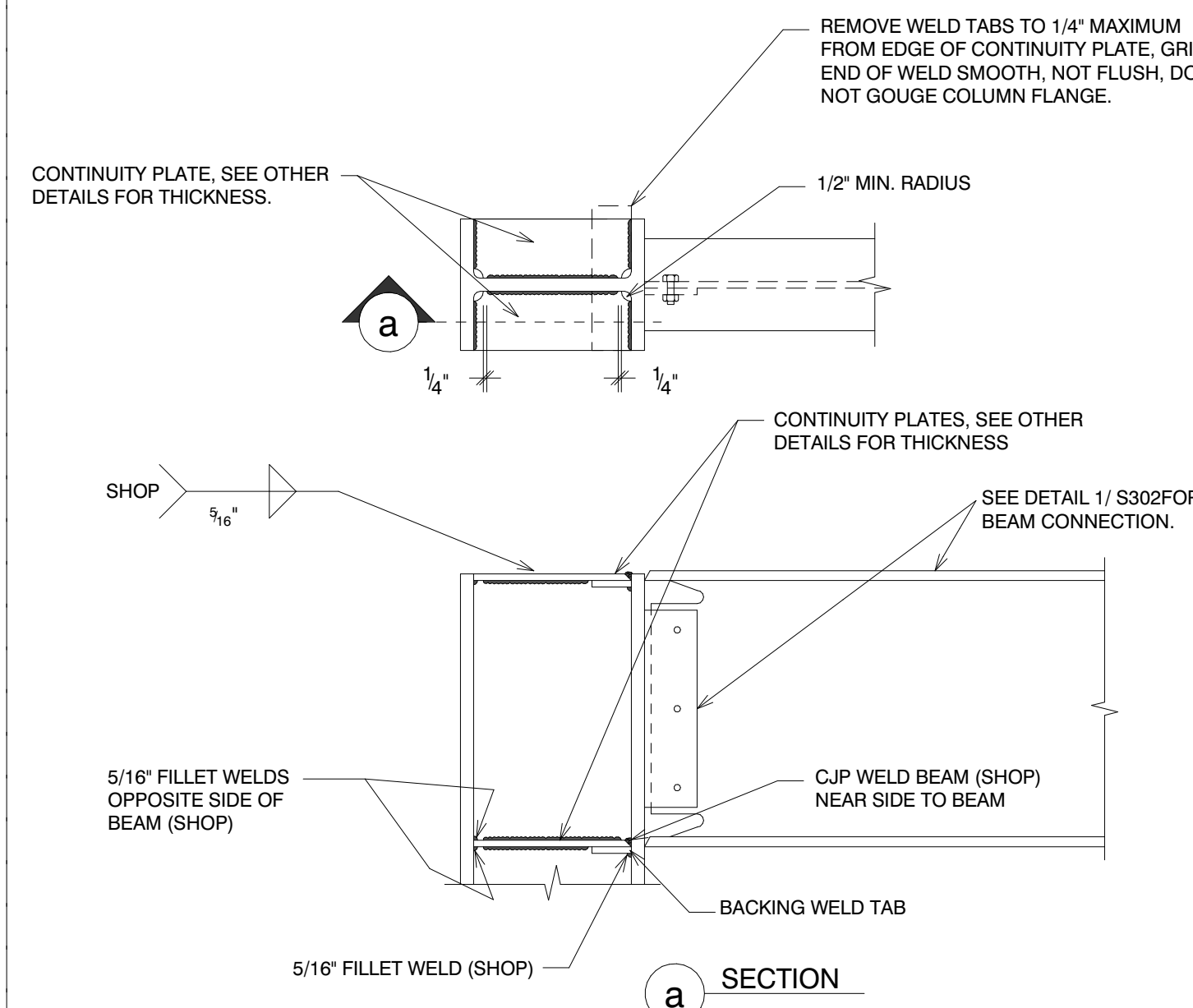
7
S302
NO SCALE
CONSTRUCTION DETAIL



4
S302
NO SCALE
CONSTRUCTION DETAIL



1
S302
NO SCALE
CONSTRUCTION DETAIL

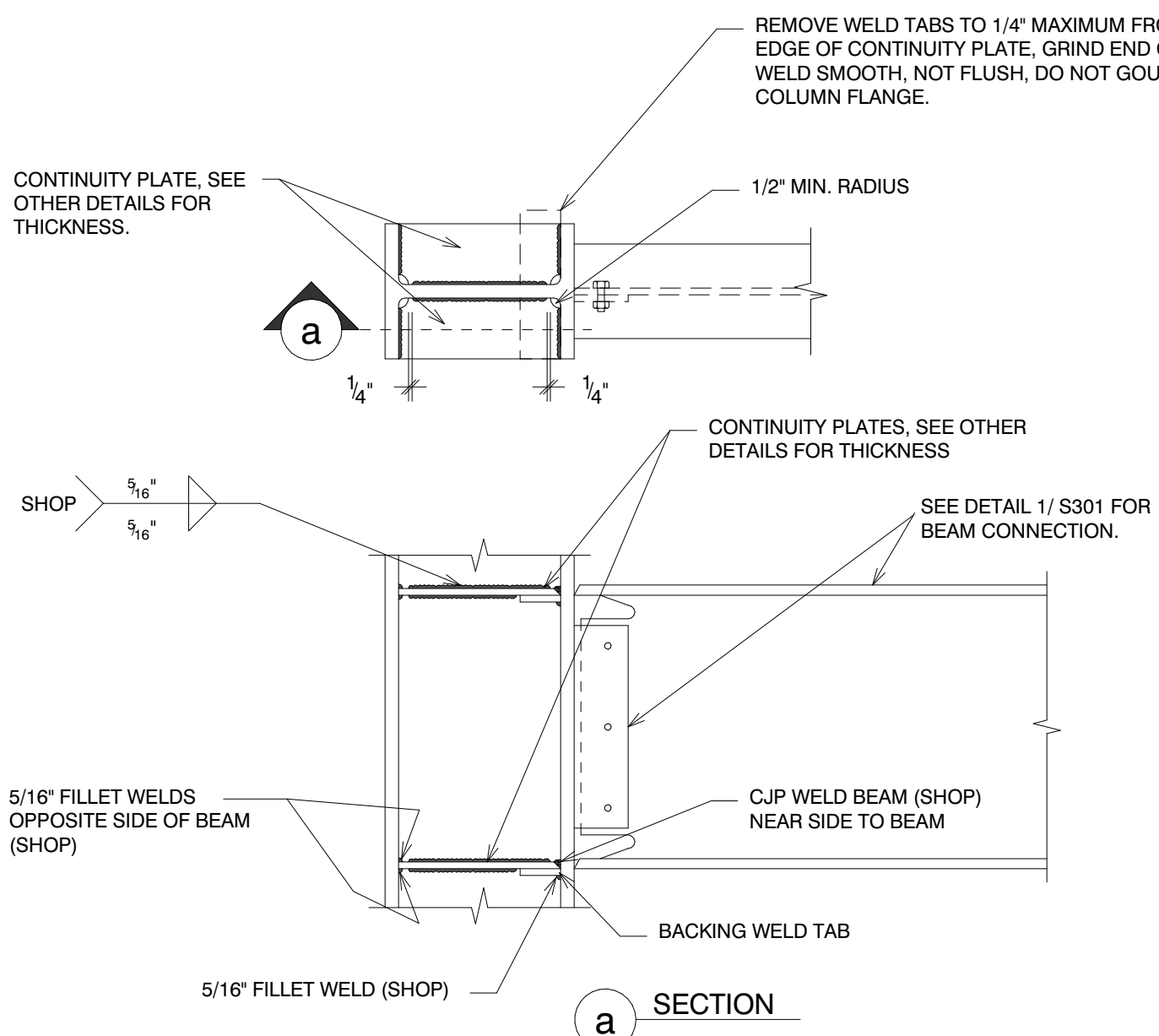


5
S302
NO SCALE
CONSTRUCTION DETAIL

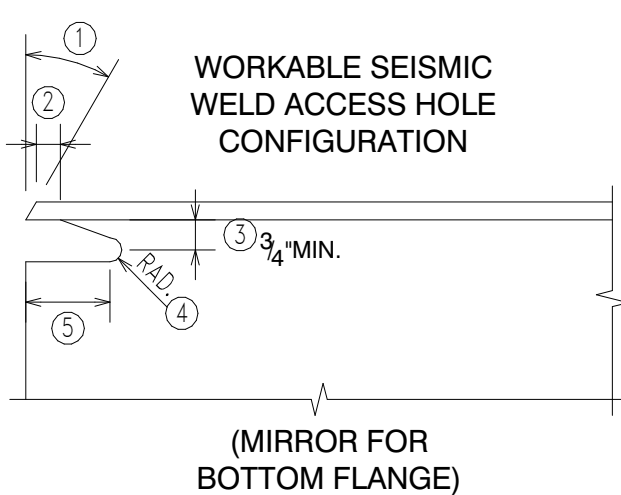
BEAM SIZE	DIMENSIONS			SPACING OF BRACES PER 7/ S302	ACCESS HOLE TYPE PER 3/ S302
	a INCHES	b INCHES	c INCHES		
W 16 x 57	4"	12"	1 1/2"	6 O.C.	C

- NOTES:**
- CJP GROOVE WELD AT TOP AND BOTTOM FLANGES. AT TOP FLANGE, EITHER (1) REMOVE WELD BACKING, BACKGOUGE, AND ADD 5/16" MINIMUM FILLET WELD, OR (2) LEAVE BACKING IN PLACE AND ADD 5/16" FILLET UNDER BACKING. AT BOTTOM FLANGE, REMOVE WELD BACKING, BACKGOUGE, AND ADD 5/16" MINIMUM FILLET WELD. SEE DETAIL 3/ S301. (DEMAND CRITICAL) *
 - CJP WELD. SEE DETAIL 4/ S301. (DEMAND CRITICAL) *
 - CONTINUITY PLATES TO MATCH BEAM FLANGE THICKNESS. SEE 5 & 6/ S301
 - NO PENETRATIONS OR WELDS OTHER THAN DECK WELDS ARE TO BE MADE WITHIN THE FIRST 36" OF BEAM LENGTH EXCEPT AS SHOWN (PROTECTED ZONE)
 - SEE STEEL NOTES ON S001 FOR FABRICATION AND WELDING REQUIREMENTS.
- * DEMAND CRITICAL WELDS SHALL CONFORM TO ANSI/ AISC 358 AND AWS S01.8/ D1.8M CLAUSE 6.3.

2
S302
NO SCALE
CONSTRUCTION DETAIL



6
S302
NO SCALE
CONSTRUCTION DETAIL



ACCESS HOLE TYPE	DIMENSION FROM PROVISIONS				
	(1) DEGREES	(2) INCHES	(3) INCHES	(4) INCHES	(5) INCHES
A		1/2"	1/2"		1 1/4"
B		1/2"	3/4"		1 1/2"
C		3/4"	1"		2 1/2"
D		1"	1 1/4"		3 1/2"
E		1 1/4"	1 1/2"		4 1/2"
F		1 1/2"	1 3/4"		5 1/2"
G		1 3/4"	2"		6 1/2"
H	30	2"	2 1/4"	1/2"	7 1/2"
I		2 1/4"	2 1/2"		8 1/2"
J		2 1/2"	2 3/4"		9 1/2"
K		3"	3"		11"
L		3 1/4"	3 1/2"		12 1/2"
M		3 3/4"	4"		14"
N		4"	4 1/4"		15"

3
S302
NO SCALE
CONSTRUCTION DETAIL

DATE: DECEMBER 23, 2021
 PROJECT #: 21-134
 PROJ. MAN.: J.D.A.
 CHECKED BY: J.D.A.

333 SOUTH PLEASANT GROVE, SUITE #112, PLEASANT GROVE, UTAH 84602
 PHONE: (801) 788-3000
 cma@curtisminer.com

THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT © 2017 CURTIS MINER ARCHITECTURE, LLC

PROJECT: **PCSD TECHNOLOGY ADDITION & REMODEL**
 PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601
 OWNER: **Provo City SCHOOL DISTRICT**

NO. 190917
 JAY D. ADAMS
 STATE OF UTAH
 12-23-21

SHEET DESCRIPTION: **CONSTRUCTION DETAILS**
 SCALE: AS SHOWN

SHEET: **S302**

1

2

3

4

5

6

MARK	REVISION	DATE

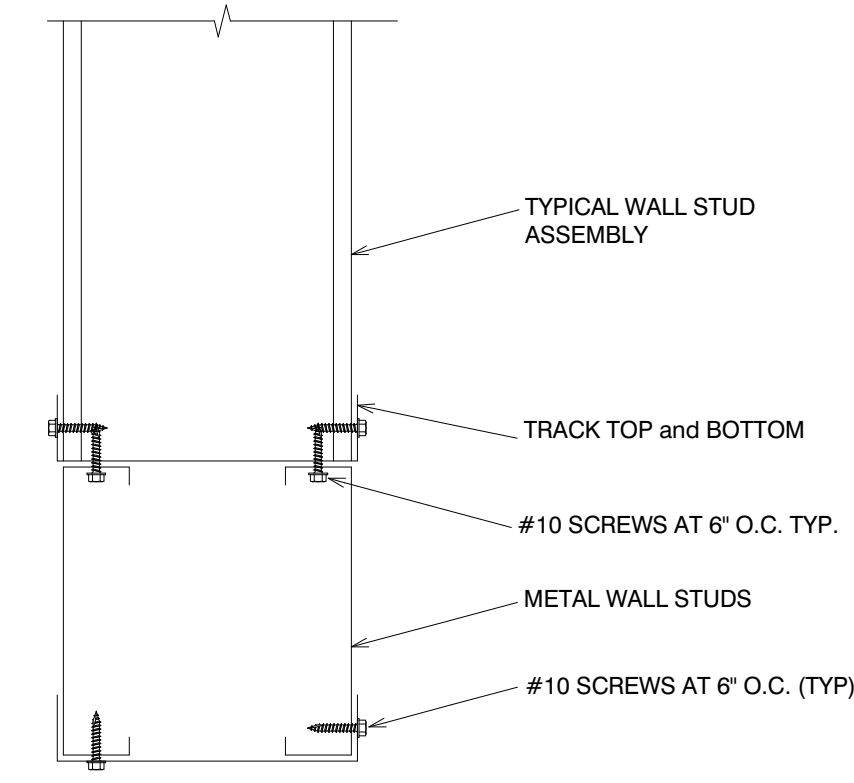
A

B

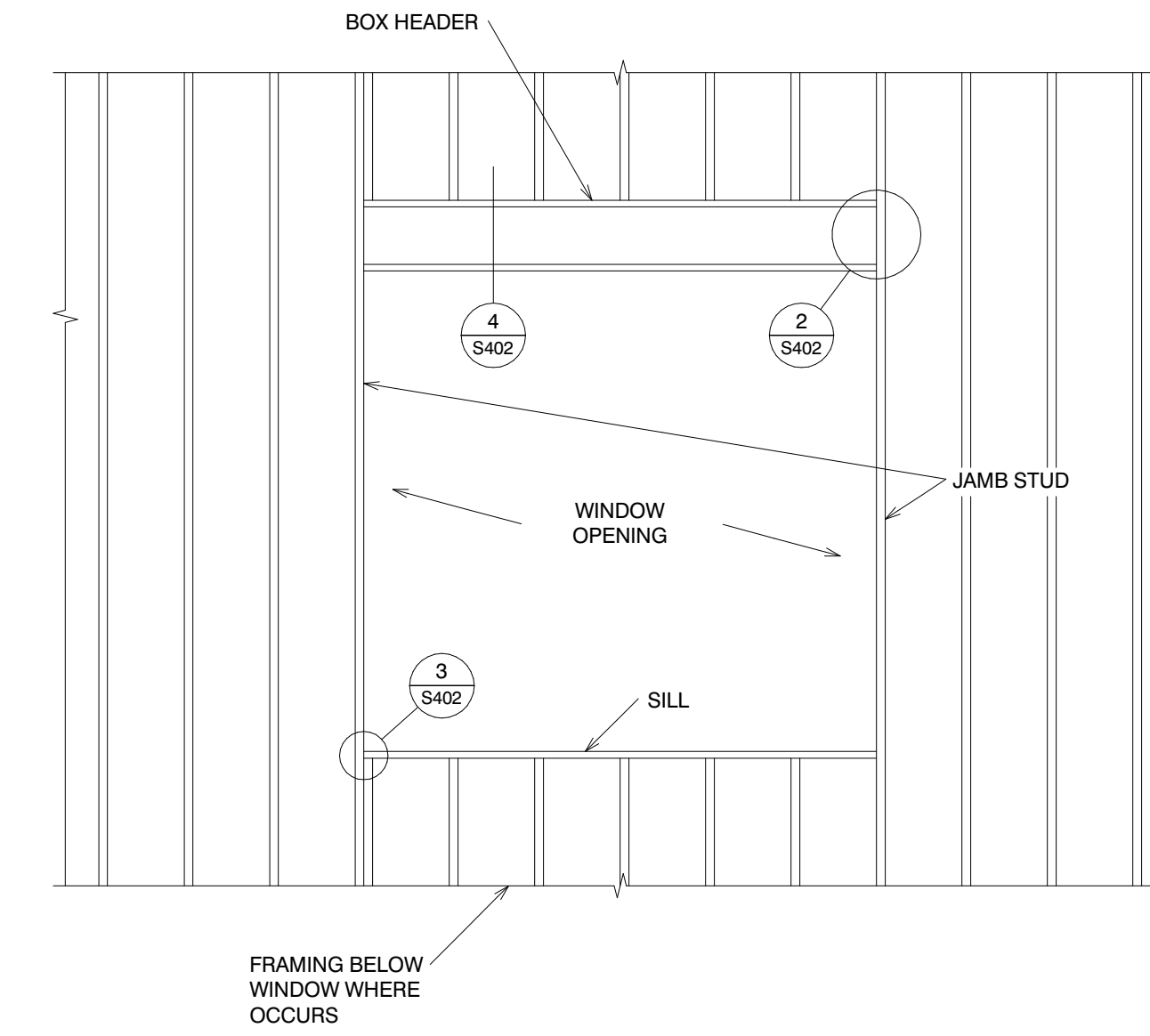
C

D

E



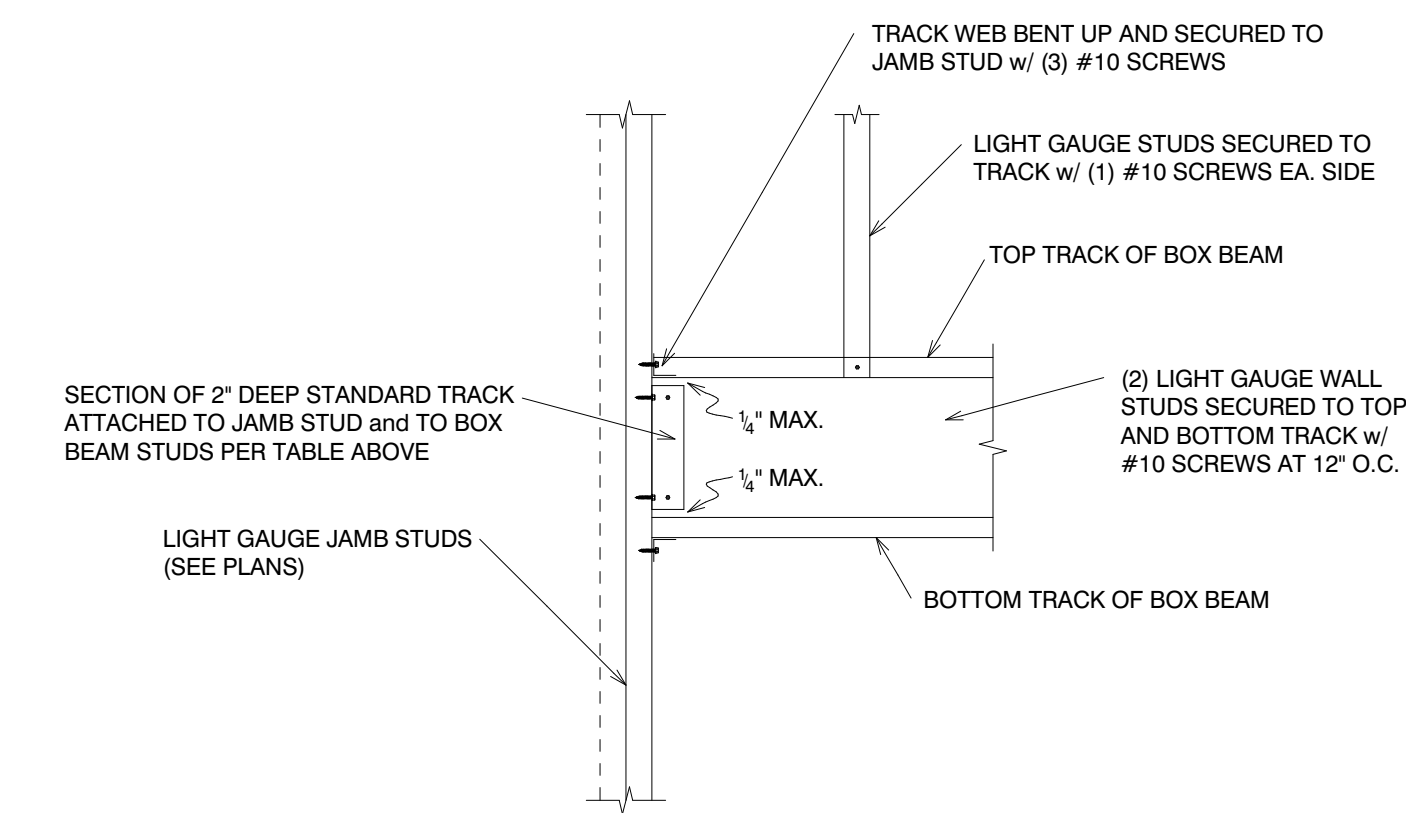
4
S402
CONSTRUCTION DETAIL
NO SCALE



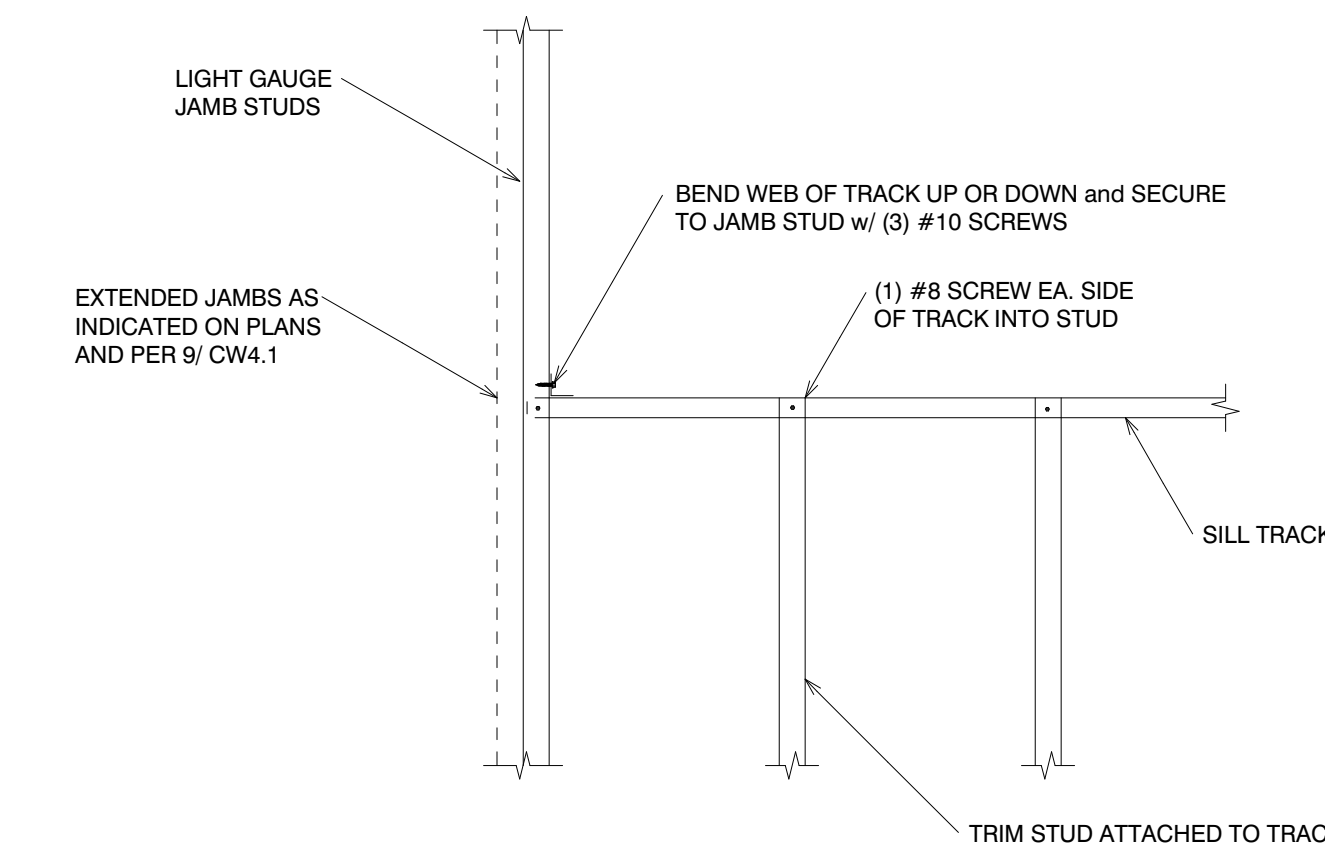
1
S402
CONSTRUCTION DETAIL
NO SCALE

BOX HEADER STUD HEIGHT	NUMBER OF SCREWS EACH FLANGE OF TRACK	NUMBER OF SCREWS INTO WEB OF TRACK
6"	* (6) #12 SCREWS	(3) ROWS OF (4) #12
8"	* (7) #12 SCREWS	(3) ROWS OF (5) #12
10"	* (8) #12 SCREWS	(3) ROWS OF (6) #12
12"	* (11) #12 SCREWS	(3) ROWS OF (6) #12

STAGGER SCREWS APPROX. 1/2" APART TOP & * BOTTOM
SCREWS TO BE 1/2" FROM EDGE



2
S402
CONSTRUCTION DETAIL
NO SCALE



3
S402
CONSTRUCTION DETAIL
NO SCALE

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 788-3000 cm@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: 21-134</p> <p>PROJ. MAN.: J.D.A.</p> <p>CHECKED BY: J.D.A.</p>	
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT © 2017 CURTIS MINER ARCHITECTURE, LLC</p> <p>REGISTERED PROFESSIONAL ARCHITECT NO. 190917 JAY D. ADAMS STATE OF UTAH 12-23-21</p>
<p>SHEET DESCRIPTION: CONSTRUCTION DETAILS SCALE: AS SHOWN</p>		<p>SHEET: S402</p>

1

2

3

4

5

6

MARK	REVISION	DATE

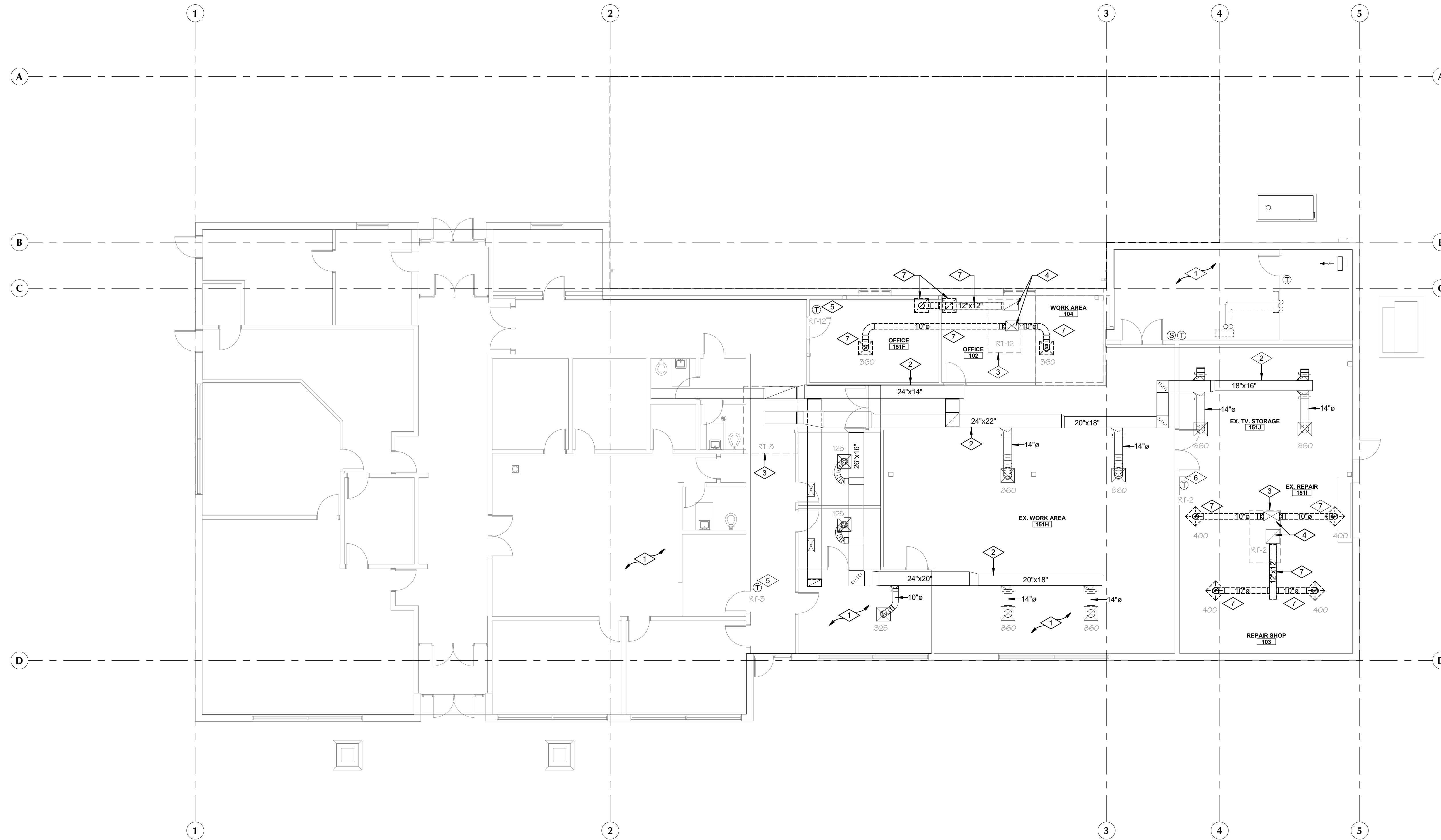
A

B

C

D

E



REFERENCE NOTES

- NO WORK IN THIS AREA.
- EXISTING SYSTEMS TO REMAIN.
- APPROXIMATE LOCATION AT EXISTING GAX/IX ROOFTOP UNIT TO REMAIN.
- APPROXIMATE LOCATION OF EXISTING DUCT SYSTEMS TO REMAIN.
- EXISTING THERMOSTAT TO REMAIN.
- EXISTING RT-2 THERMOSTAT TO BE RELOCATED. SEE SHEET M101.
- REMOVE EXISTING DUCTWORK, DIFFUSERS, GRILLES, AND HANGERS COMPLETELY. COORDINATE WITH NEW WORK. (TYPICAL)

MAIN FLOOR MECHANICAL DEMO PLAN
 0 4'-0" 8'-0" 16'-0"
 SCALE: 1/8" = 1'-0"

OLSEN & PETERSON
 Consulting Engineers, Inc.

 CURTIS MINER ARCHITECTURE <small>333 SOUTH PLEASANT GROVE, SUITE #112, PLEASANT GROVE, UTAH 84602</small> <small>PHONE: (801) 793-3000, email: cma@curtisminer.com</small>	DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: MT CHECKED BY: JAB
	PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601 OWNER:
SHEET DESCRIPTION: MECHANICAL DEMOLITION FLOOR PLAN	
SHEET: MD101	

1

2

3

4

5

6

MARK	REVISION	DATE

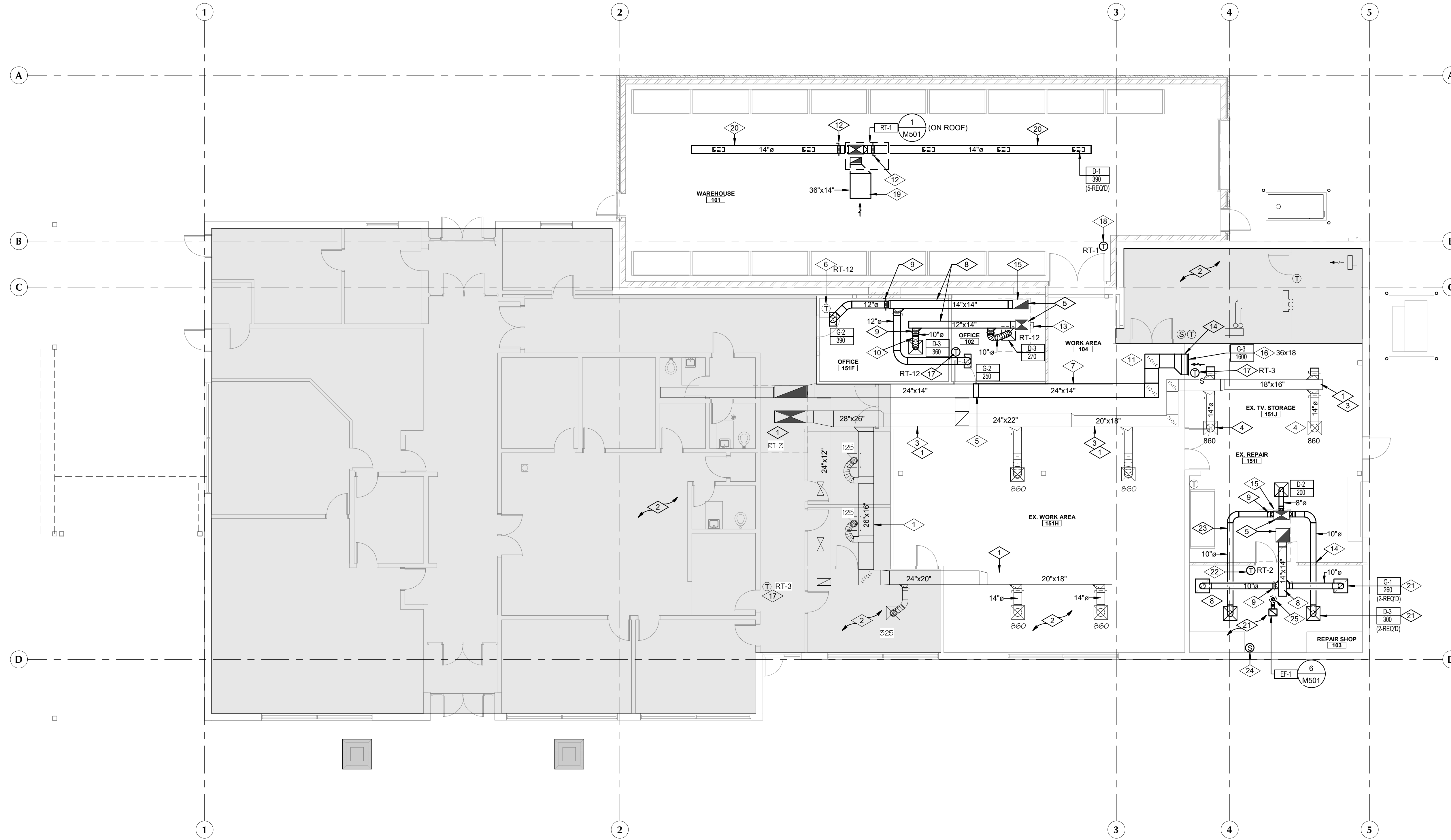
A

B

C

D

E



MAIN FLOOR MECHANICAL PLAN

0 4'-0" 8'-0" 16'-0"
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

- 1 EXISTING SYSTEMS TO REMAIN.
- 2 NO WORK IN THIS AREA.
- 3 APPROXIMATE LOCATION OF EXISTING DUCTWORK.
- 4 RE-BALANCE EXISTING DIFFUSERS TO CFM SHOWN.
- 5 CONNECT TO EXISTING DUCTWORK AT APPROXIMATELY THIS LOCATION. (TYPICAL)
- 6 EXISTING ZONE THERMOSTAT TO REMAIN.
- 7 NEW DUCTWORK TO RUN HIGH AT STRUCTURE ABOVE EXISTING CEILING. COORDINATE WITH EXISTING CONDITION.
- 8 NEW DUCTWORK TO RUN ABOVE NEW CEILING. COORDINATE WITH EXISTING CONDITIONS. COORDINATE WITH EXISTING CONDITIONS.
- 9 HET FITTING WITH MANUAL BALANCING DAMPER. (TYPICAL)
- 10 FLEXIBLE DUCT. (TYPICAL) MAXIMUM LENGTH 5'-0".
- 11 TURNING VANES. (TYPICAL)
- 12 MANUAL BALANCING DAMPER. (TYPICAL)
- 13 CAP EXISTING DUCT ABOVE CEILING.
- 14 SEAL PENETRATION AT WALL.
- 15 APPROXIMATE LOCATION OF EXISTING GAS/IDX RTU. RE-BALANCE EXISTING UNIT.
- 16 MOUNT HIGH IN EXISTING WALL.
- 17 NEW SECONDARY ZONE THERMOSTAT.
- 18 NEW WALL MOUNTED HEATING/COOLING THERMOSTAT.
- 19 LINED RETURN DUCT. MINIMUM LENGTH 6'-0".
- 20 DUCT TO RUN HIGH AND TIGHT AT STRUCTURE. MINIMUM HEIGHT FOR FORKLIFT CLEARANCE IS 22'-0".
- 21 DUCT SYSTEM IS HIGH AT STRUCTURE. CEILING IS AT 12'-0".
- 22 NEW LOCATION OF RT-2 EXISTING THERMOSTAT.
- 23 NEW DUCTWORK TO RUN EXPOSED HIGH AT EXISTING STRUCTURE. COORDINATE WITH EXISTING CONDITIONS.
- 24 WALL SWITCH WITH 0-2 HOUR TIMER AND INDICATING LIGHT TO CONTROL EF-1.
- 25 DUCT THRU EXISTING ROOF. SEE DETAIL 7/M501.

OLSEN & PETERSON
consulting engineers, inc.

<p>CURTIS MINER ARCHITECTURE</p> <p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 788-3000 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: MT</p> <p>CHECKED BY: JAB</p>
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: MECHANICAL FLOOR PLAN</p>	
<p>SHEET: M101</p>	

1

2

3

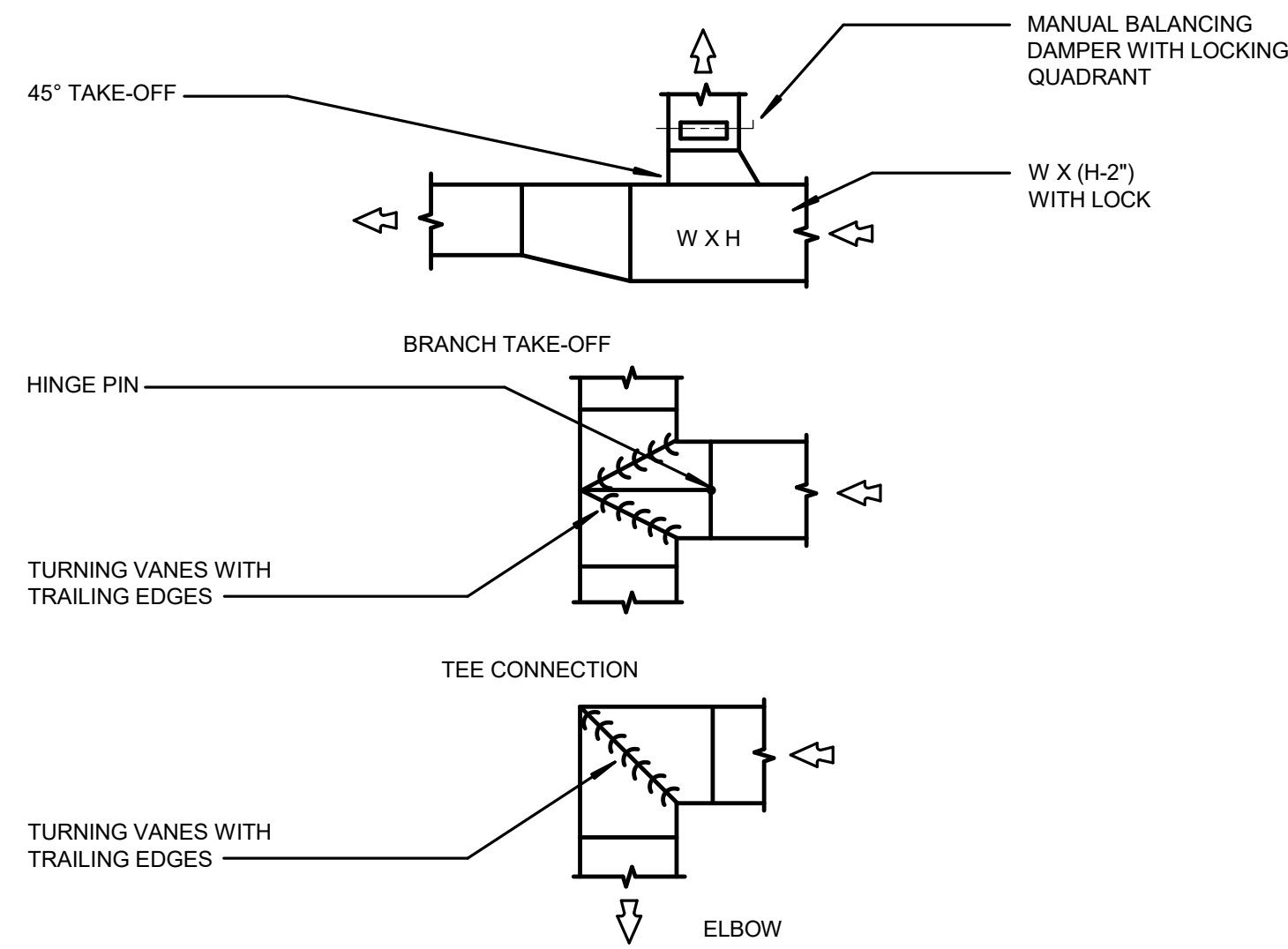
4

5

6

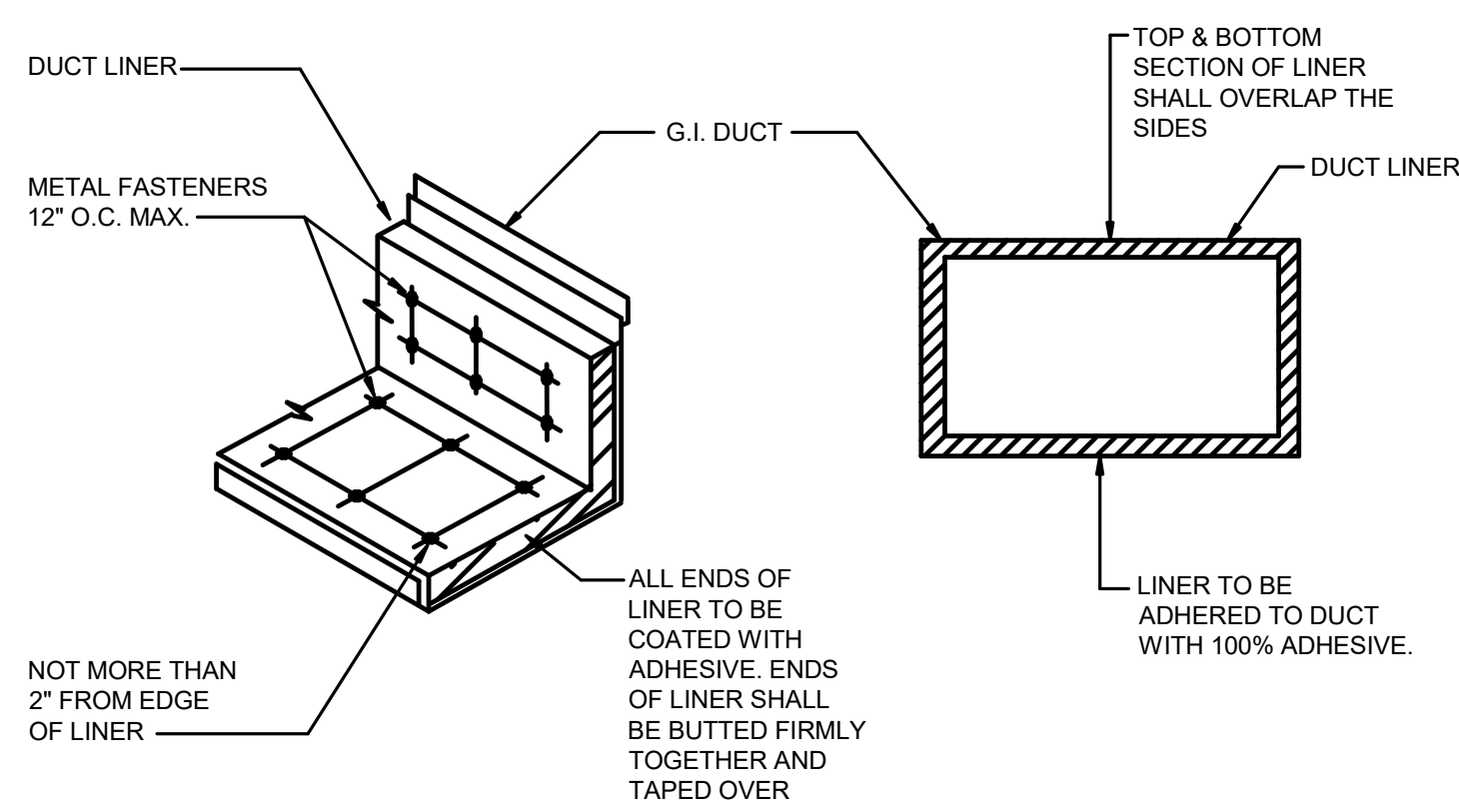
MARK	REVISION	DATE

A



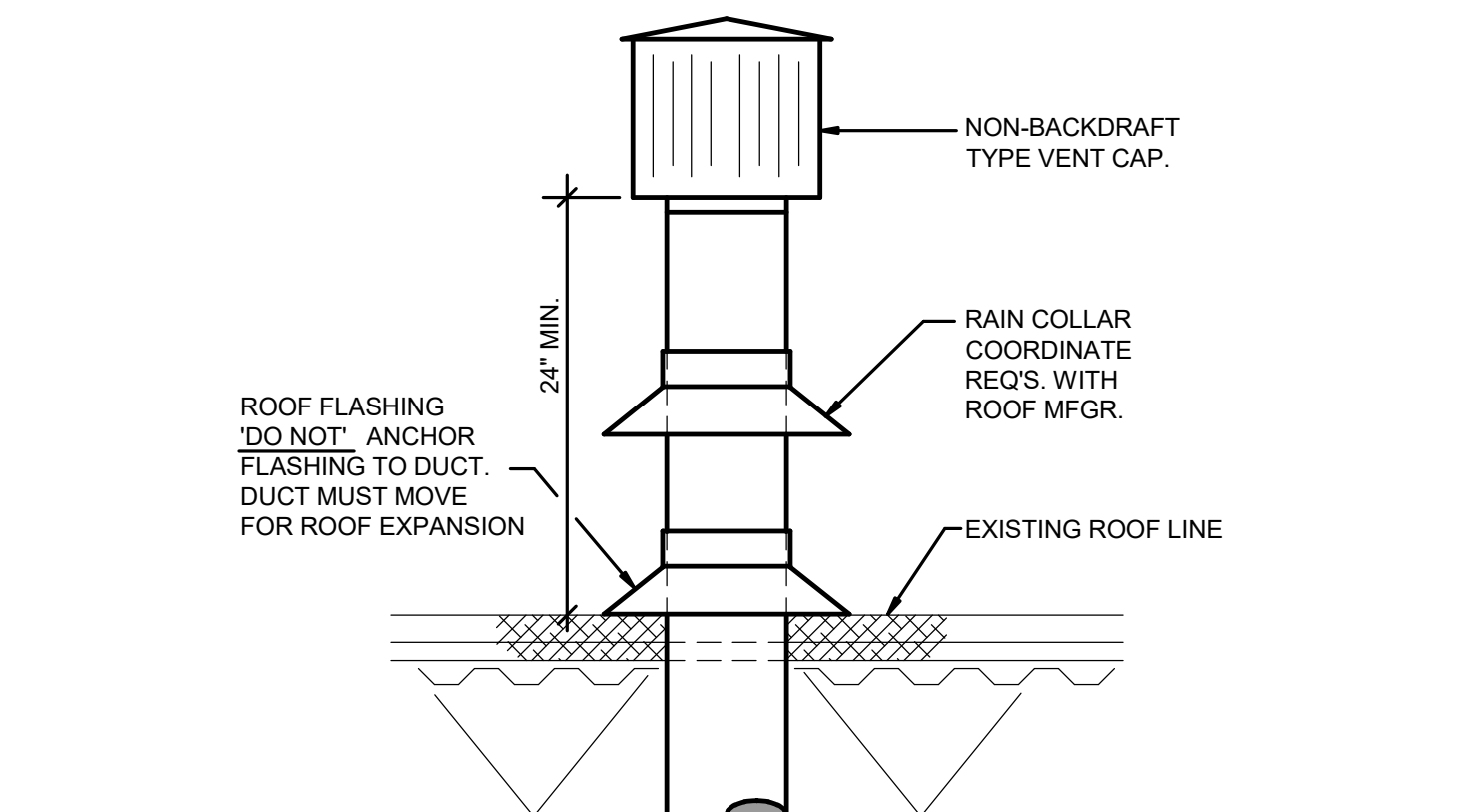
LOW PRESSURE DUCT DETAIL (4)
NOT TO SCALE M501

B



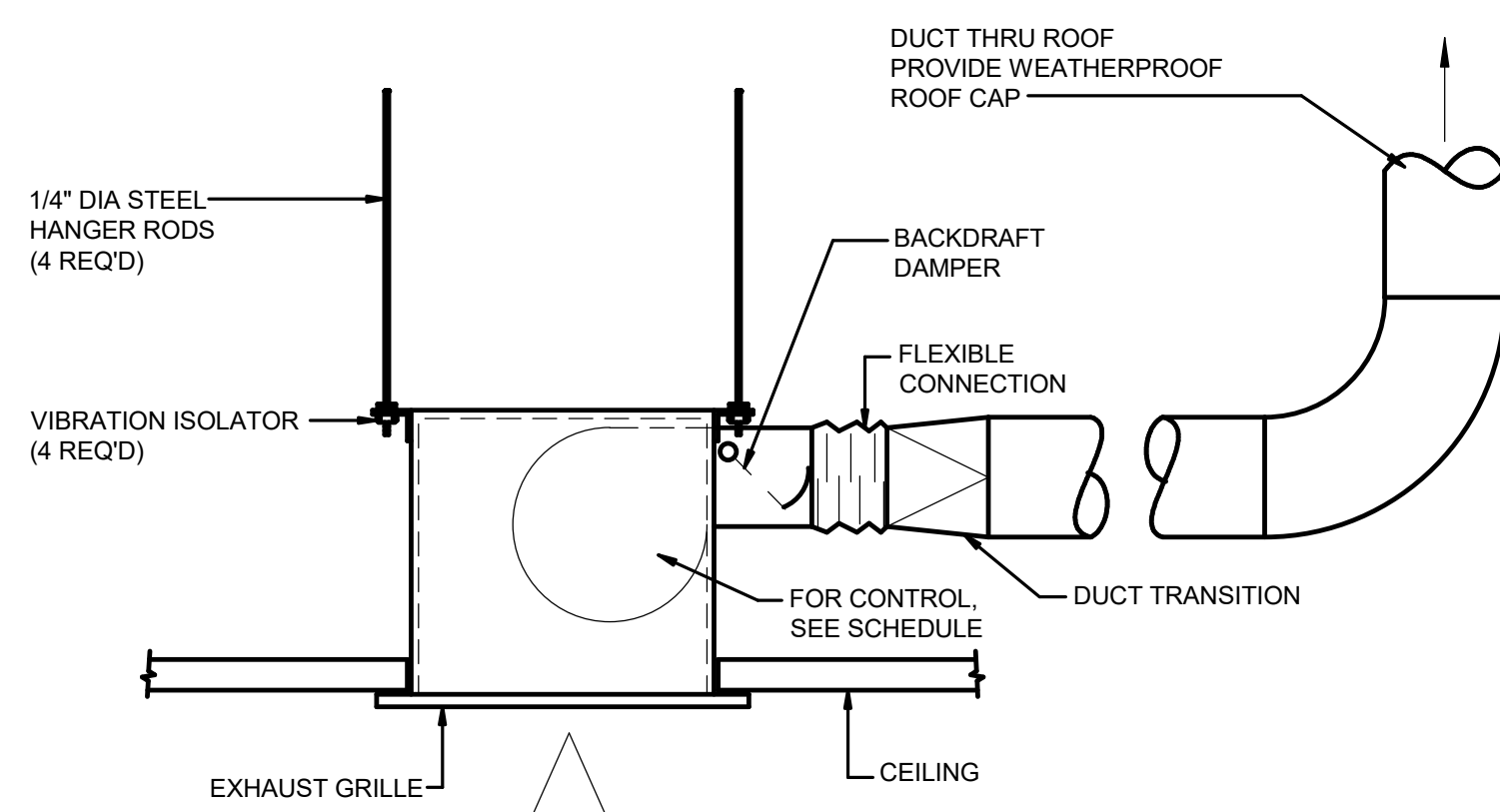
DUCT LINER DETAIL (5)
NOT TO SCALE M501

C



TYPICAL DUCT PENETRATION AT ROOF DETAIL (7)
NOT TO SCALE M501

D

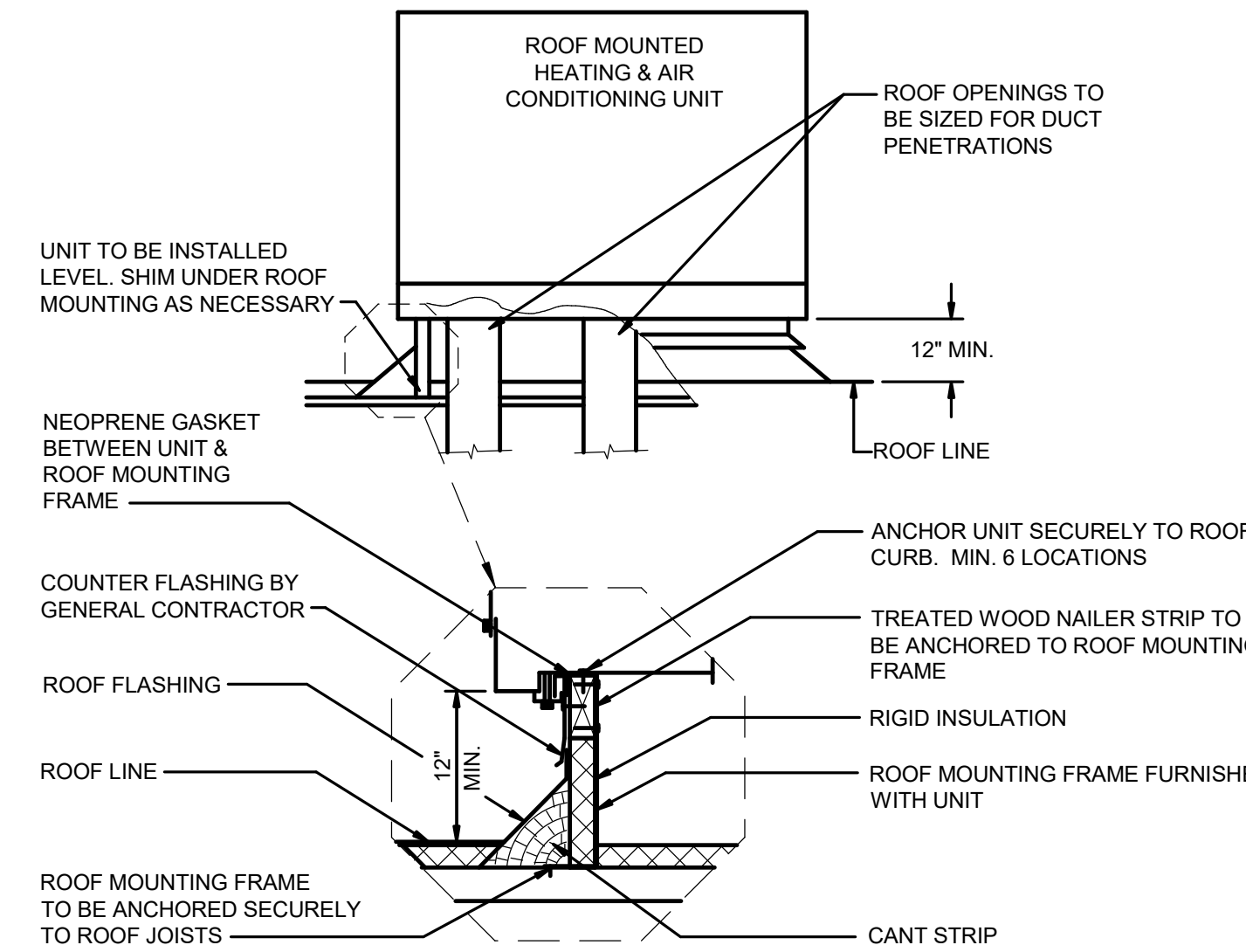


CEILING EXHAUST FAN DETAIL (6)
NOT TO SCALE M501

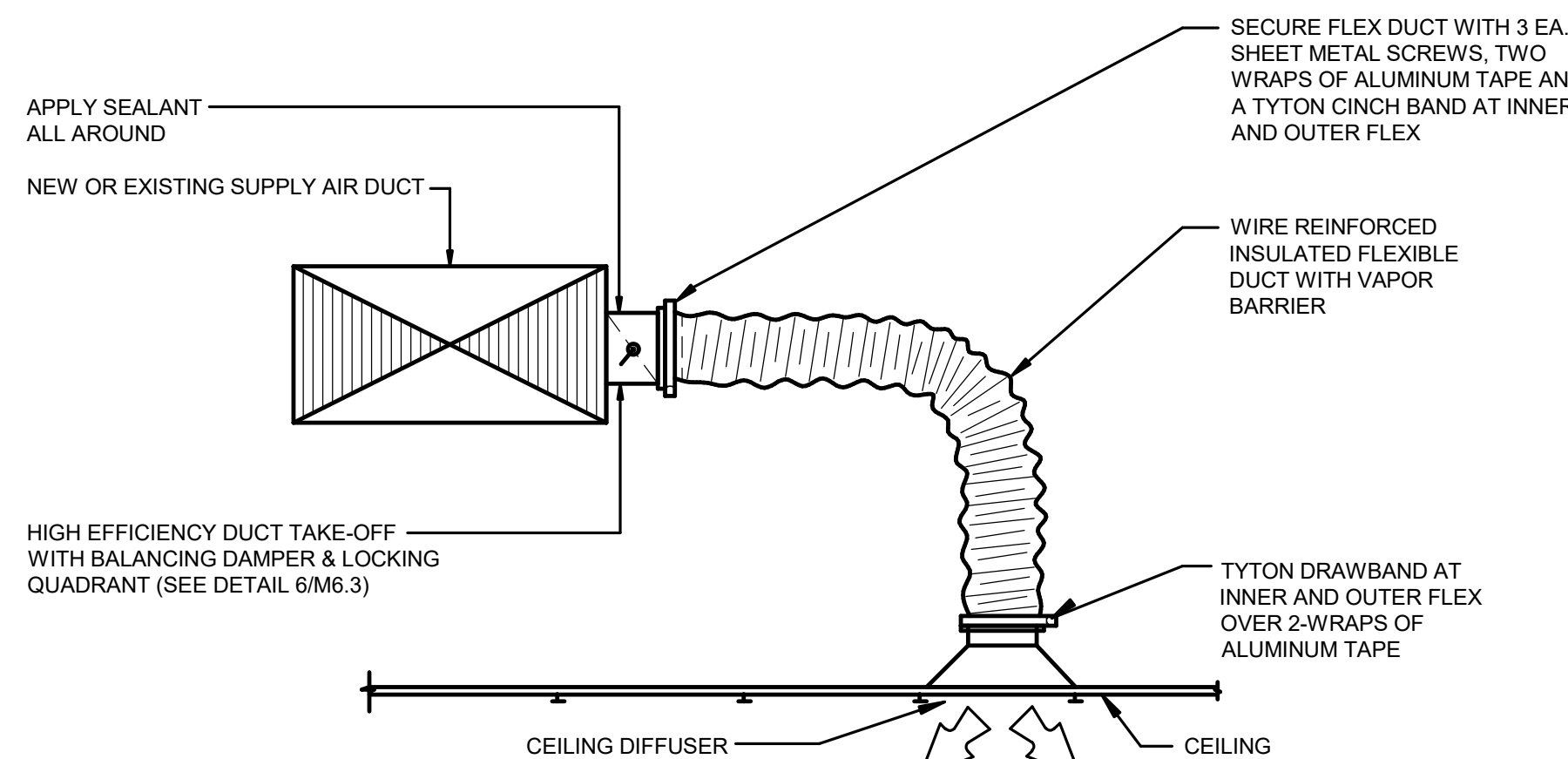
E

ROOFTOP UNIT SCHEDULE																					
SYMBOL	ROOM	CFM	ESP	FAN MOTOR H.P.	MIN O.A.	HEATING CAPACITY (5)			COOLING CAPACITY (2)(3)				SEER	POWER	MCA 208/3/60	MOCP 208/3/60	UNIT DIMENSIONS	WEIGHT LBS.	MODEL & MANUFACTURER (1)(3)(4)		
						TYPE	MBH 1ST STAGE	MBH 2ND STAGE	STAGES	EAT	OAT	TOTAL MBH								SENSIBLE MBH	STAGES
RT-1	122	1950	.60	1.0	220	NATURAL GAS	82	110	2	80	95	58.83	40.14	1	16.0	208/3/60	33.0	45.0	74.4 L x 46.6 W x 41.4 H	800	CARRIER, LENNOX OR APPROVED EQUAL

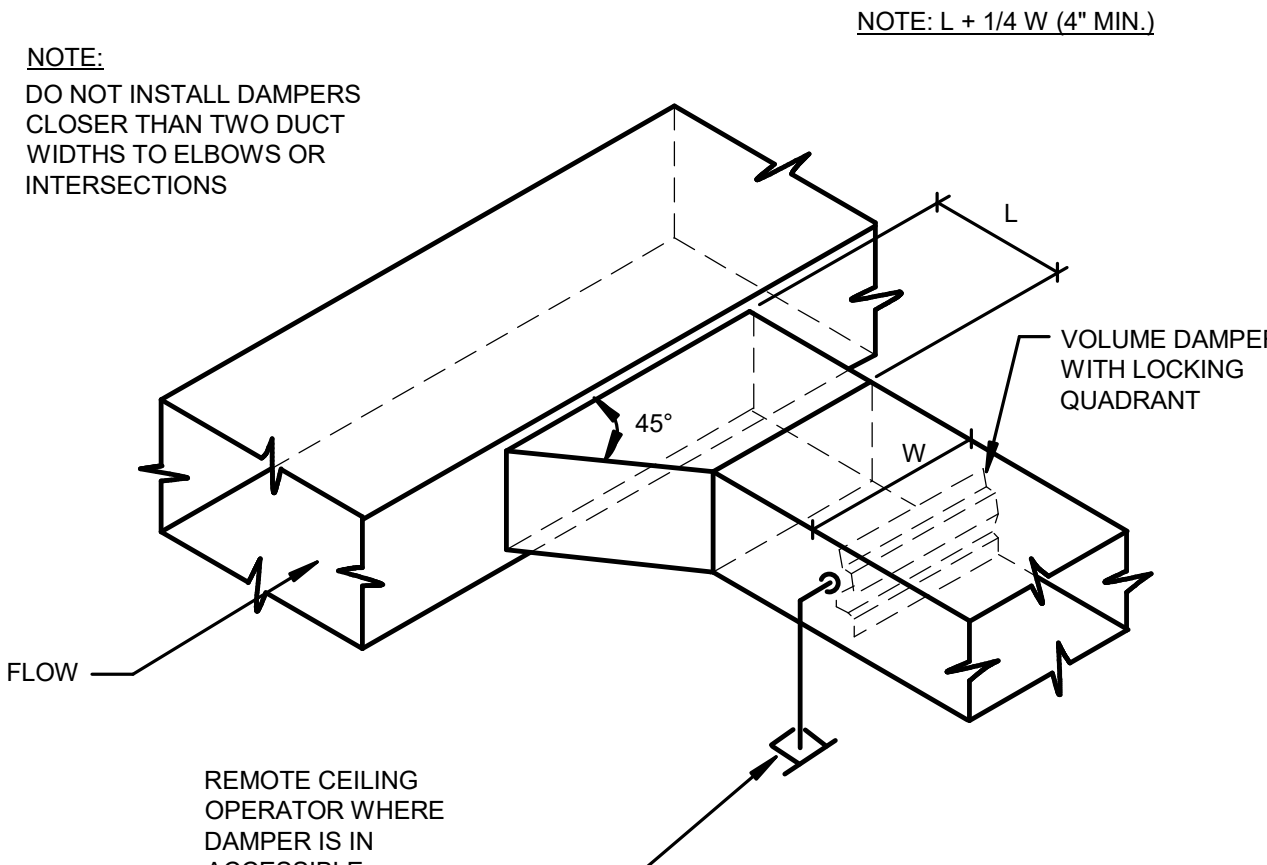
- NOTES:
- ROOFTOP UNIT TO BE COMPLETE WITH HINGED ACCESS DOORS, FACTORY POWER EXHAUST, 100% OUTDOOR AIR ECONOMIZER PACKAGE WITH BUILT-IN 100% RELIEF AIR, 12" HIGH FACTORY ROOF CURB, WEATHERPROOF GFI CONVENIENCE OUTLET AND ALL CONTROLS FOR AUTOMATIC OPERATION. UNIT SHALL BE U.L. LISTED, ARI CERTIFIED AND AGA APPROVED.
 - COOLING CAPACITY BASED ON 45 DEG. F. S.S.T., 80 DEG. F. db TEMP, 67 DEG. F. wb TEMP, AND 95 DEG. F. O.A. TEMP.
 - UNITS SHALL BE COMPLETE WITH 2" MERV 8 FILTERS.
 - UNITS SHALL USE R-410A REFRIGERANT.
 - CAPACITIES BASED ON 4200 FT. ELEVATION.



ROOF MOUNTED ROOFTOP UNIT DETAIL (1)
NOT TO SCALE M501



CEILING DIFFUSER DETAIL (2)
NOT TO SCALE M501



BRANCH DUCT TAKE-OFF DETAIL (3)
NOT TO SCALE M501

EXHAUST FAN SCHEDULE							
SYMBOL	TYPE	C.F.M.	S.P.	R.P.M.	MOTOR	DRIVE	MAKE & MODEL (1)
EF-1	CEILING	400	.25"	735	1.4 AMPS 120/1/60	DIRECT	TWIN CITY T400

- NOTES:
- PROVIDE WALL SWITCH WITH 0-2 TIMER & INDICATING LIGHT.

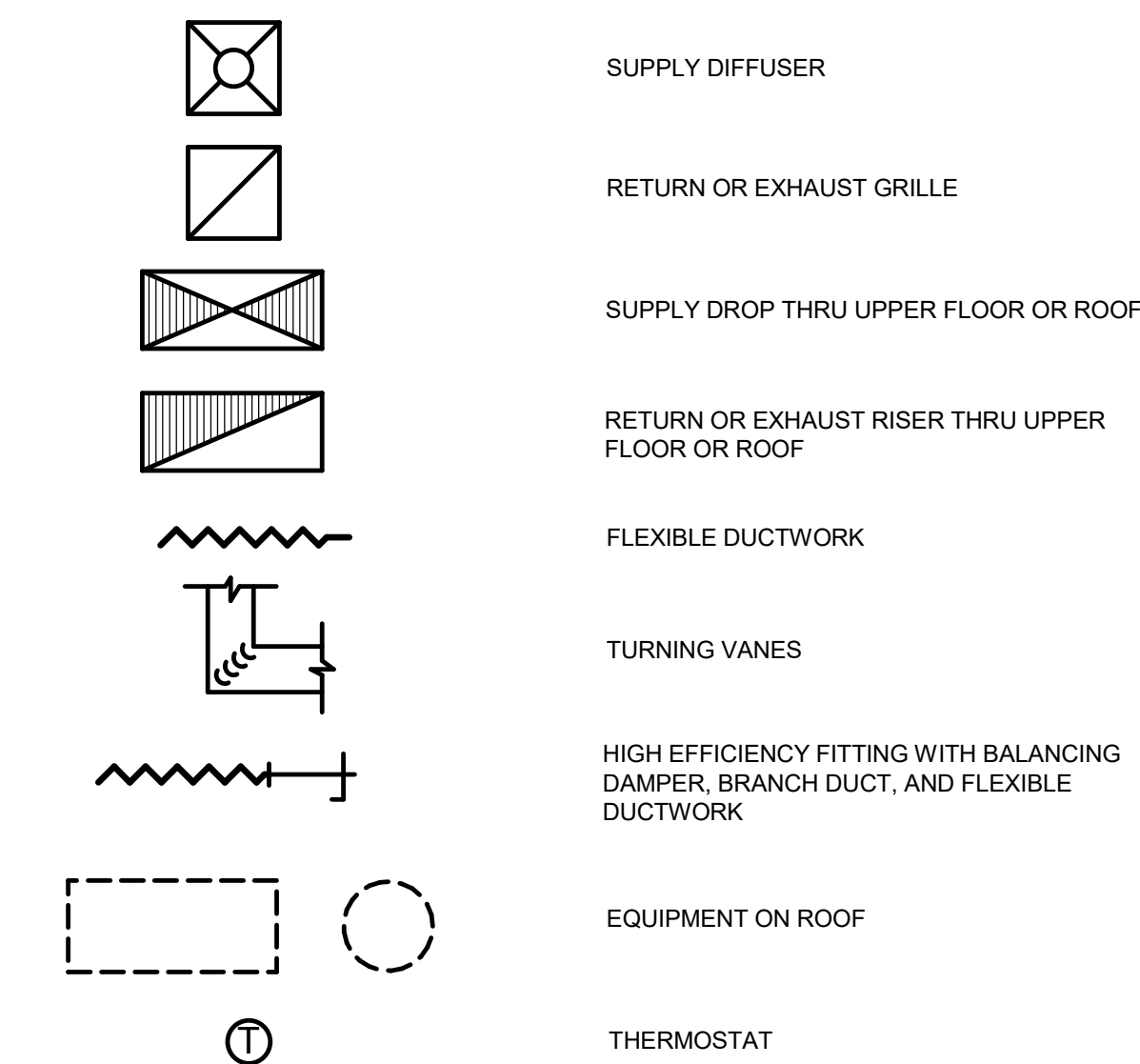
DIFFUSER SCHEDULE					
SYMBOL	TYPE	SIZE	LOCATION	AIR PATTERN	MAKE & MODEL
D-1	SUPPLY AIR	20" x 6"	EXPOSED DUCT	4-WAY	PRICE SGD (1)(3)
D-2	SUPPLY AIR	8"Ø	CEILING	4-WAY	PRICE SMD (1)(2)
D-3	SUPPLY AIR	10"Ø	CEILING	4-WAY	PRICE SMD (1)(2)

- NOTES:
- DIFFUSERS SHALL HAVE BRIGHT-WHITE FINISH
 - DIFFUSER SHALL BE LOUVERED FACE TYPE, 24" X 24" MODULE FOR T-BAR CEILING OR FRAME FOR GYP BOARD CEILING INSTALLATION
 - PROVIDE MANUAL BALANCING DAMPER

GRILLE SCHEDULE				
SYMBOL	SIZE	LOCATION	TYPE	MAKE & MODEL
G-1	24" x 24"	CEILING	RETURN AIR	PRICE 530 (1)(2)
G-2	24" x 12"	CEILING	RETURN AIR	PRICE 530 (1)(2)
G-3	36" x 18"	HIGH SIDEWALL	RETURN AIR	PRICE 530 (1)

- NOTES:
- GRILLE SHALL HAVE BRIGHT WHITE FINISH.
 - GRILLE SHALL FIT IN T-BAR CEILING.

SYMBOL LEGEND



OLSEN & PETERSON
consulting engineers, inc.

 CURTIS MINER ARCHITECTURE	233 SOUTH PLEASANT GROVE SUITE #112 PLEASANT GROVE, UTAH 84602 PHONE: (801) 769-3300 oia@curtisminer.com	DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: MT CHECKED BY: JAB
	PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601 OWNER: Provo City SCHOOL DISTRICT	
SHEET DESCRIPTION: MECHANICAL DETAILS		SHEET: M501

1

2

3

4

5

6

MARK	REVISION	DATE

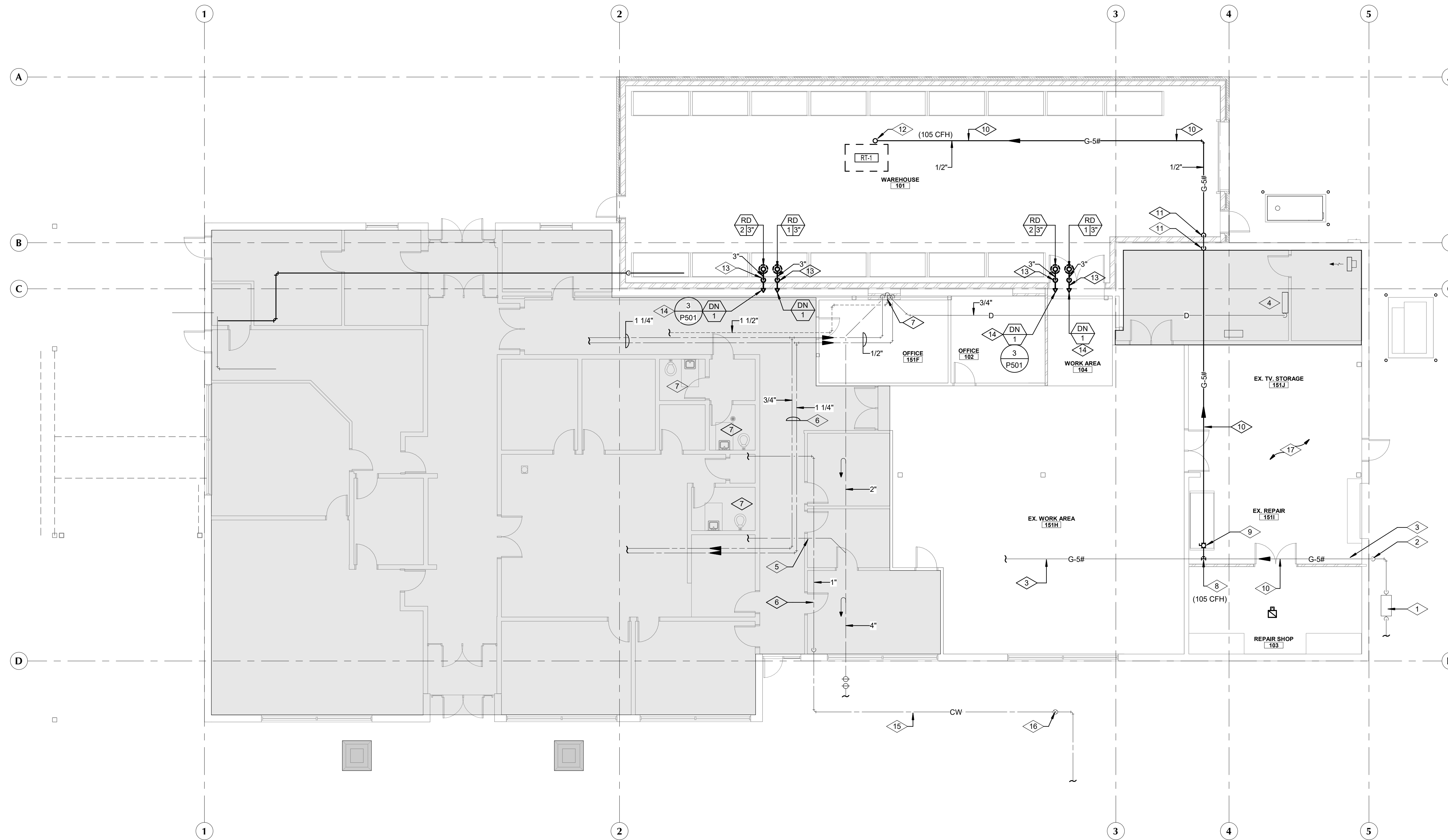
A

B

C

D

E



REFERENCE NOTES

- EXISTING 5# GAS METER
- EXISTING GAS LINE AT EXTERIOR WALL.
- EXISTING GAS LINE ON ROOF.
- EXISTING AC UNIT.
- APPROXIMATE LOCATION AT EXISTING SANITARY SEWER LINE BELOW FLOOR.
- APPROXIMATE LOCATION OF EXISTING WATERS ABOVE CEILING.
- EXISTING FIXTURES TO REMAIN.
- TIE NEW 1/2" 5# GAS TO EXISTING GAS LINE ON ROOF AT APPROXIMATELY THIS LOCATION.
- GAS RATED BALL VALVE.
- PIPE RUNS ON EXISTING ROOF. PIPE AND FITTINGS SHALL BE PAINTED. SUPPORT EVERY 6'-0". SEE DETAIL 2/PS01.
- RISE AND DROP TO NEW ADDITION.
- GAS TO RTU. PROVIDE GAS RATED BALL VALVE AND PRESSURE REGULATOR. SEE DETAIL 1P/501.
- DROP TO 30" ABOVE EXISTING ROOF TO WEST.
- TERMINATE DN-1 AT 30" ABOVE EXISTING ROOF. PROVIDE SPLASH BLOCK.
- APPROXIMATE LOCATION OF EXISTING WATER LINE BELOW GRADE.
- APPROXIMATE LOCATION OF EXISTING STOP AND WASTE VALVES.
- CAP EXISTING PLUMBING IN WALL AND PROVIDE COVER PLATE. WASTE, HOT AND COLD WATERS. CONFIRM EXACT LOCATION WITH OWNER.

MAIN FLOOR PLUMBING PLAN

0 4'-0" 8'-0" 16'-0"

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

OLSEN & PETERSON
consulting engineers, inc.

<p>333 SOUTH PLEASANT GROVE BLVD. SUITE #112 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 788-3000 oia@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: CMA 21-070</p> <p>PROJ. MAN.: MT</p> <p>CHECKED BY: JAB</p>	
	<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT © 2021 CURTIS MINER ARCHITECTURE, LLC</p> <p></p>
<p>SHEET DESCRIPTION: PLUMBING FLOOR PLAN</p>		<p>SHEET: P101</p>

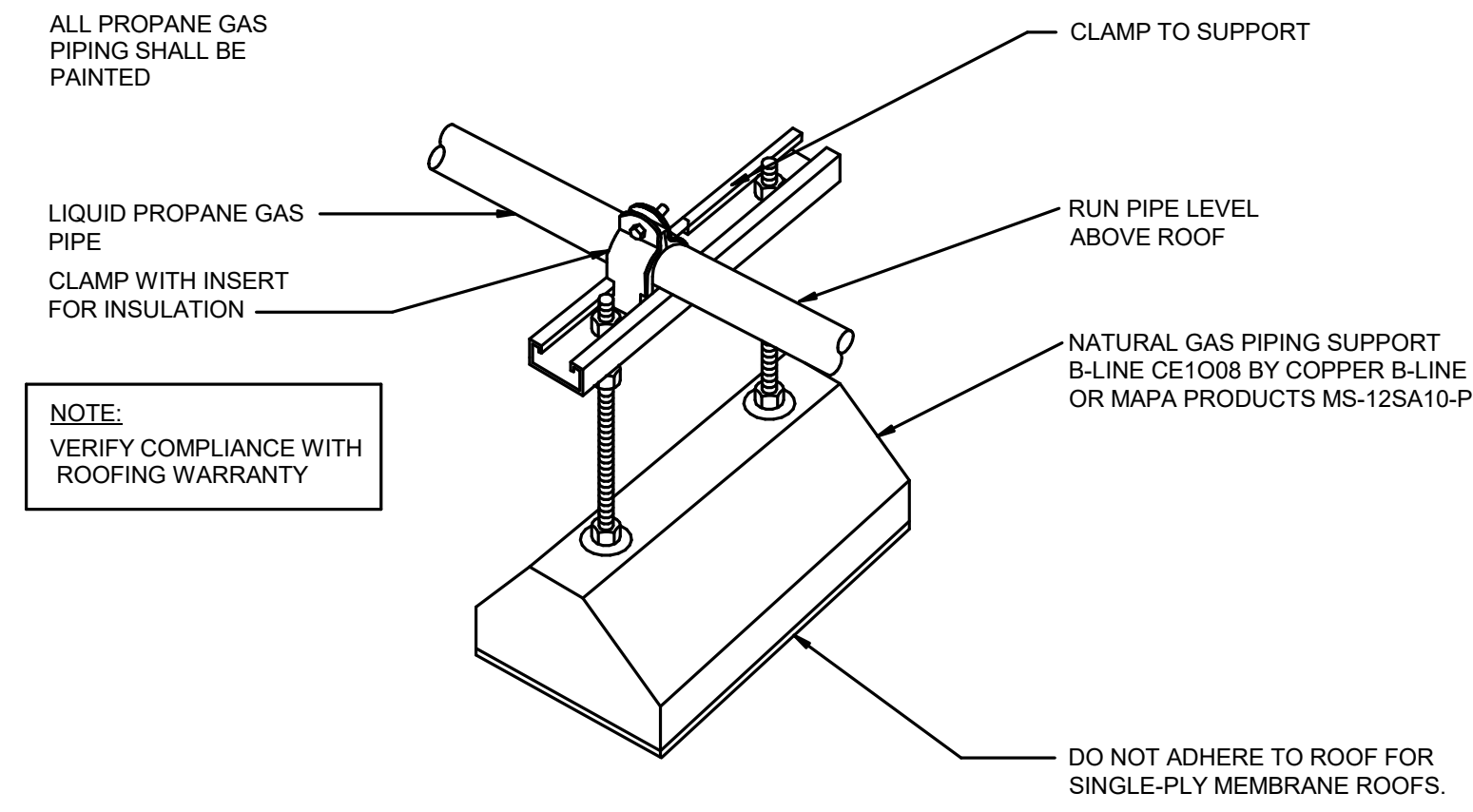
MARK	REVISION	DATE

PLUMBING FIXTURE SCHEDULE							
SYMBOL	FIXTURE	WASTE	VENT	C.W.	H.W.	T	NOTES (1)
	ROOF DRAIN (PRIMARY)	--	--	--	--	--	SEE PLANS FOR SIZE (3)
	ROOF DRAIN (SECONDARY)	--	--	--	--	--	SEE PLANS FOR SIZE (3)
	DOWNSPOUT NOZZLE	--	--	--	--	--	SEE PLANS FOR SIZE

- NOTES:
- (1) CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN OR INSTALLATION.
 - (2) COORDINATE EXACT LOCATION WITH KITCHEN PLANS OR EQUIPMENT LOCATIONS.
 - (3) ROOF DRAIN LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL ROOF PLAN. EXACT ROUGH-IN DIMENSION WILL BE INDICATED.

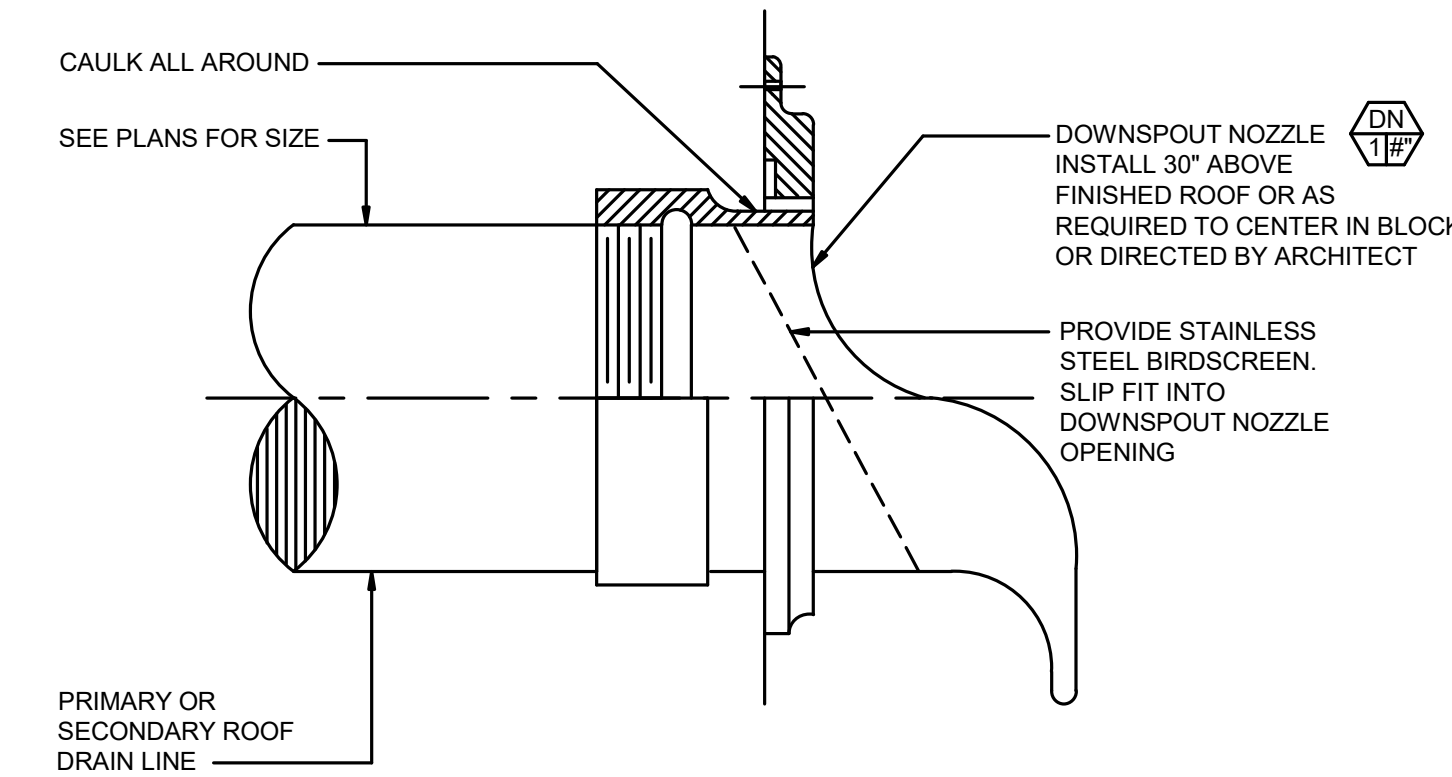
PLUMBING PIPING LEGEND

DESCRIPTION	SYMBOL
NATURAL GAS	G



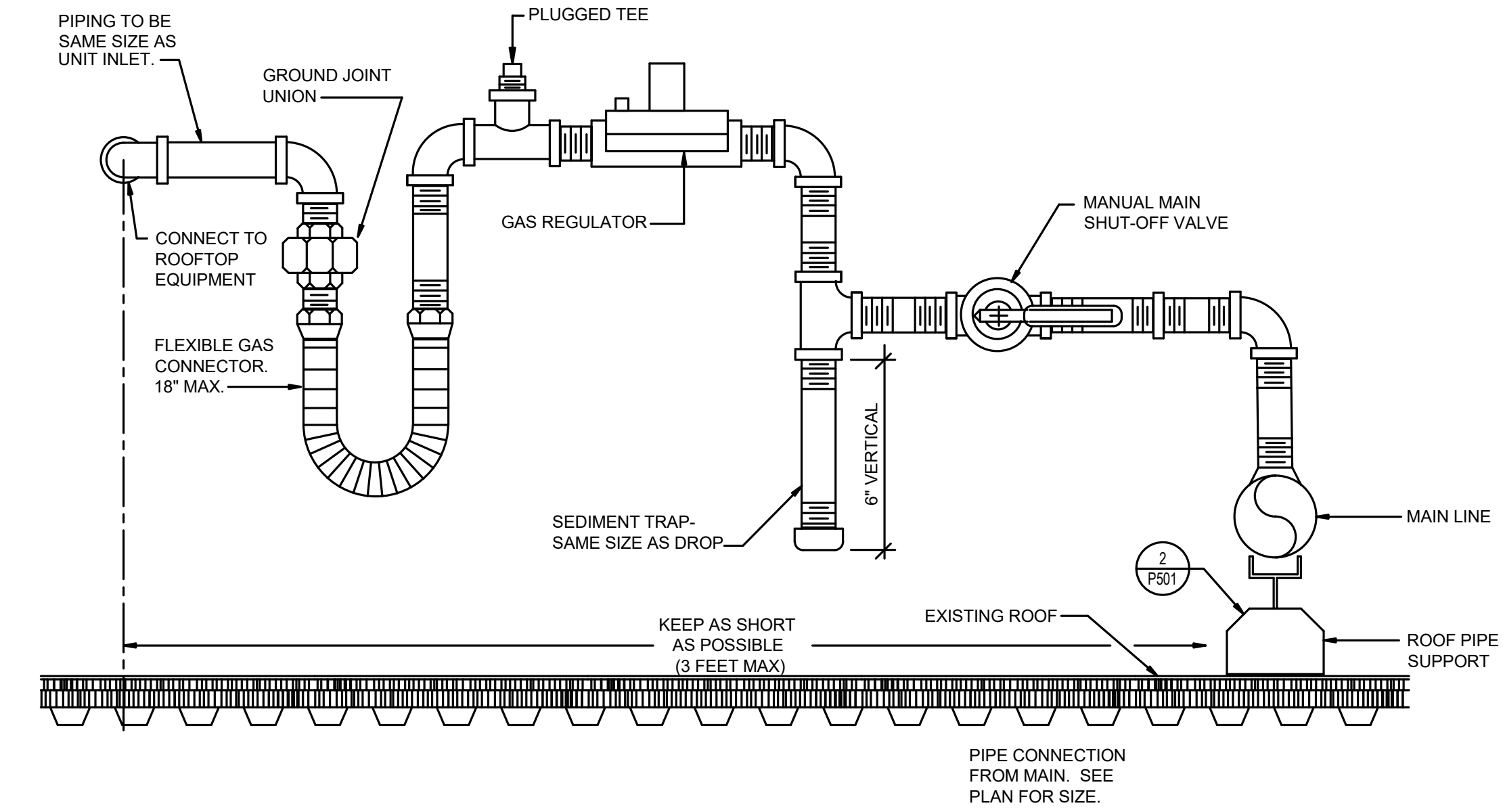
GAS PIPING ROOF SUPPORT
NOT TO SCALE

2
P501



DOWNSPOUT NOZZLE DETAIL
NOT TO SCALE

3
P501



ROOFTOP GAS LINE CONNECTION DETAIL
NOT TO SCALE

1
P501

CMA
CURTIS MINER
ARCHITECTURE

233 SOUTH PLEASANT GROVE
BLVD. SUITE #112
PLEASANT GROVE, UTAH 84602

PHONE: (801) 793-3000
cma@curtismin.com

DATE: DECEMBER 23, 2021
PROJECT #: CMA 21-070
PROJ. MAN.: MT
CHECKED BY: JAB

THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT © 2017 CURTIS MINER ARCHITECTURE, LLC

PROJECT:
**PCSD TECHNOLOGY
ADDITION & REMODEL**

PROJECT ADDRESS:
527 S 1600 W ST
PROVO, UTAH 84601

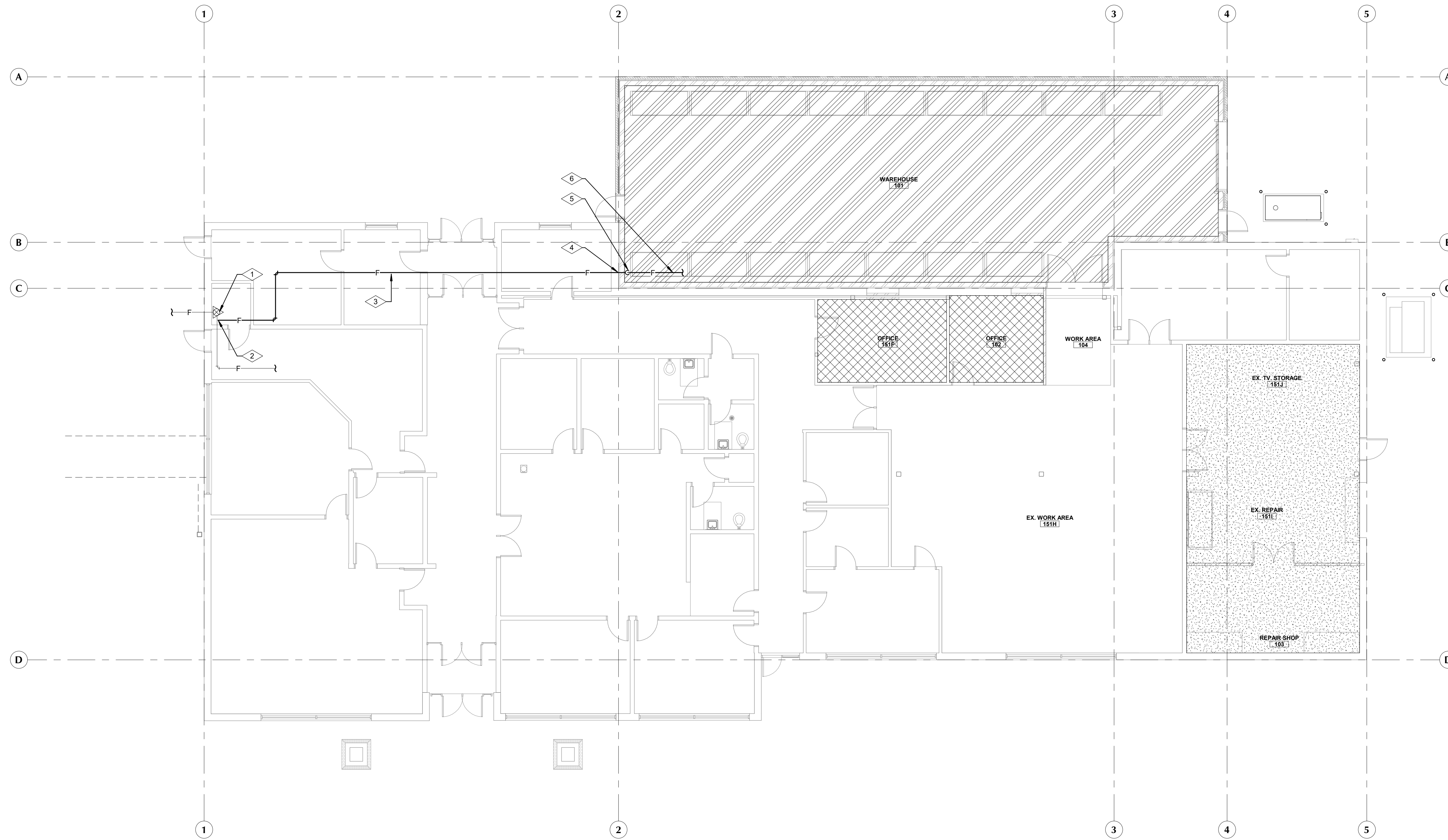
OWNER:
**Provo City
SCHOOL DISTRICT**

PROFESSIONAL SEAL:
JAMES
AUSTIN
REGISTERED
PLUMBER
UTAH

SHEET DESCRIPTION:
PLUMBING DETAILS

SHEET:
P501

MARK	REVISION	DATE



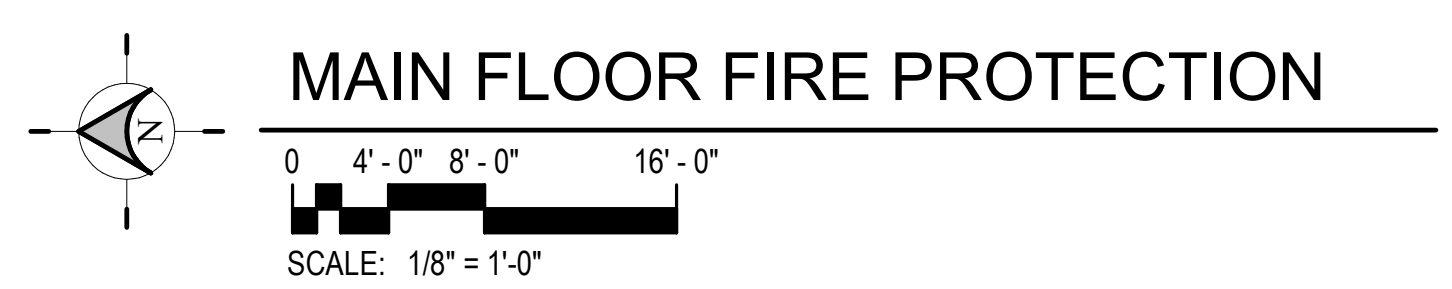
FIRE PROTECTION LEGEND

- EXISTING SYSTEMS TO REMAIN - NO WORK.
- ORDINARY HAZARD, GROUP 1
EXPOSED STRUCTURE (NO CEILING)
UPRIGHT ROUGH BRASS HEADS ON EXPOSED PIPING
- RELOCATE OR REPLACE EXISTING FIRE PIPING & FIRE SPRINKLER HEADS AS REQUIRED FOR CEILING REPLACEMENT
- LIGHT HAZARD
LAY-IN CEILING (VERIFY AND COORDINATE WITH ARCHITECTURAL DRAWINGS)
SEMI-RECESSED WHITE PLATED HEADS WITH WHITE ESCUTCHEON. (EXISTING FIRE MAINS TO BE RE-USED)
- EXISTING FIRE SPRINKLER RISER
- SPRINKLER ALARM BELL
- WALL MOUNTED SIAMESE FIRE DEPARTMENT CONNECTION
- REMOTE SIAMESE FIRE DEPARTMENT CONNECTION WITH BALL DRIP INSPECTION BOX

NOTE: CONTRACTOR SHALL COORDINATE ALL PIPING HUNG FROM STRUCTURE WITH REQUIREMENTS OF STRUCTURAL ENGINEERS DRAWINGS

REFERENCE NOTES

- 1 EXISTING FIRE RISER.
- 2 CONNECTION TO EXISTING PIPE AT APPROXIMATELY THIS LOCATION.
- 3 NEW PIPING TO RUN ABOVE EXISTING CEILING. COORDINATE ROUTING WITH ALL EXISTING CONDITIONS.
- 4 CORE DRILL AND SEAL PENETRATION AT EXISTING WALL.
- 5 RISE AND RUN NEW MAINS AND BRANCHES HIGH AND TIGHT AT STRUCTURE. MINIMUM HEIGHT TO LOWEST POINT = 22'-0". COORDINATE WITH ALL TRADES.
- 6 RUN HIGH AND TIGHT AT STRUCTURE. MINIMUM HEIGHT = 22'-0".



OLSEN & PETERSON
consulting engineers, inc.

 CURTIS MINER ARCHITECTURE 233 SOUTH PLEASANT GROVE, SUITE #112, PLEASANT GROVE, UTAH 84602 PHONE: (801) 788-3000, oia@curtisminer.com	DATE: DECEMBER 23, 2021 PROJECT #: CMA 21-070 PROJ. MAN.: MT CHECKED BY: JAB
	THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT ©2021 CURTIS MINER ARCHITECTURE, LLC

PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601	OWNER: Provo City SCHOOL DISTRICT	 JAMES AUSTIN ESCHERTT 12/23/2021 UTAH
---	--	---

SHEET DESCRIPTION: FIRE PROTECTION FLOOR PLAN	SHEET: FP101
---	------------------------

MARK	REVISION	DATE

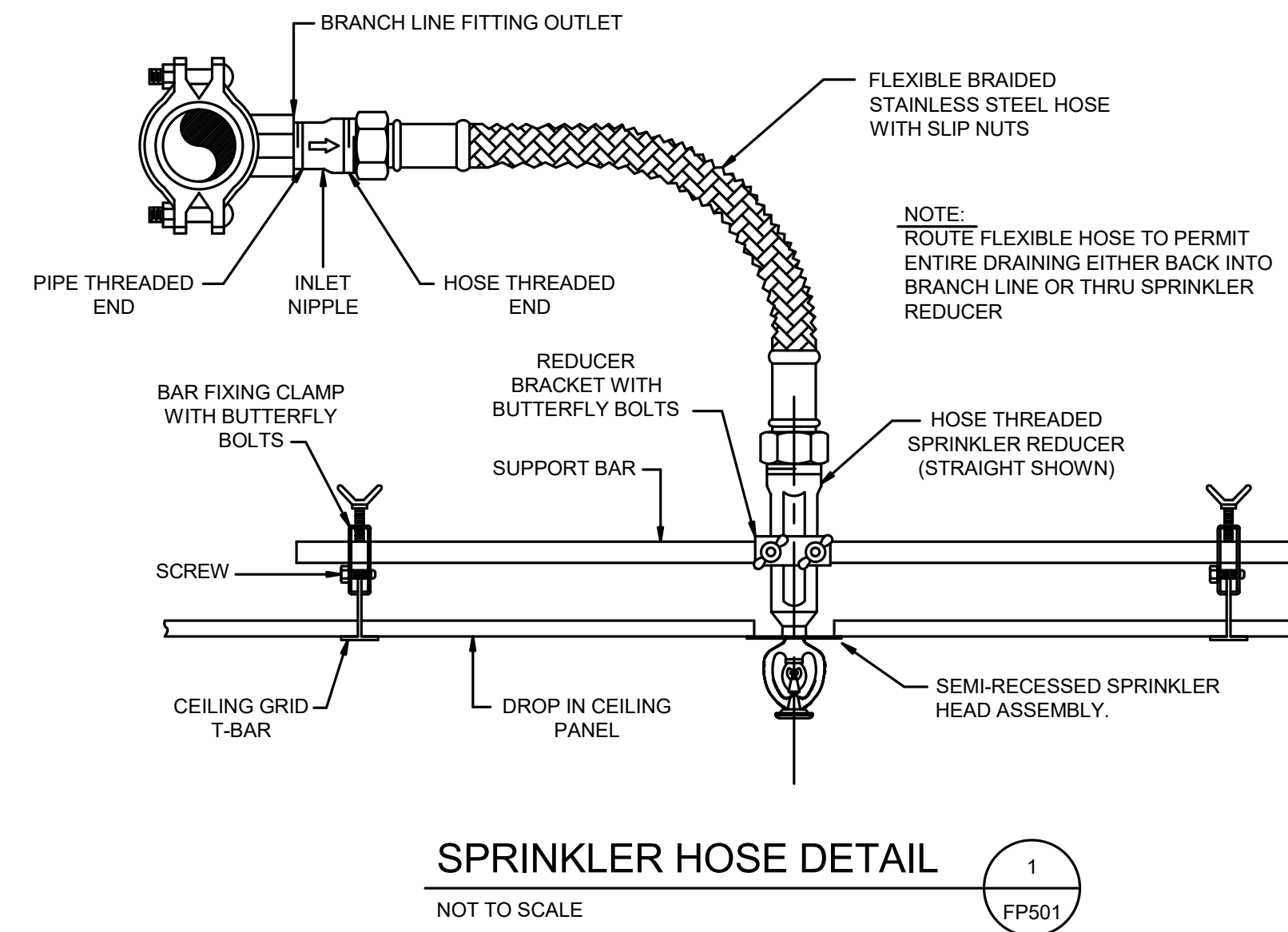
A

B

C

D

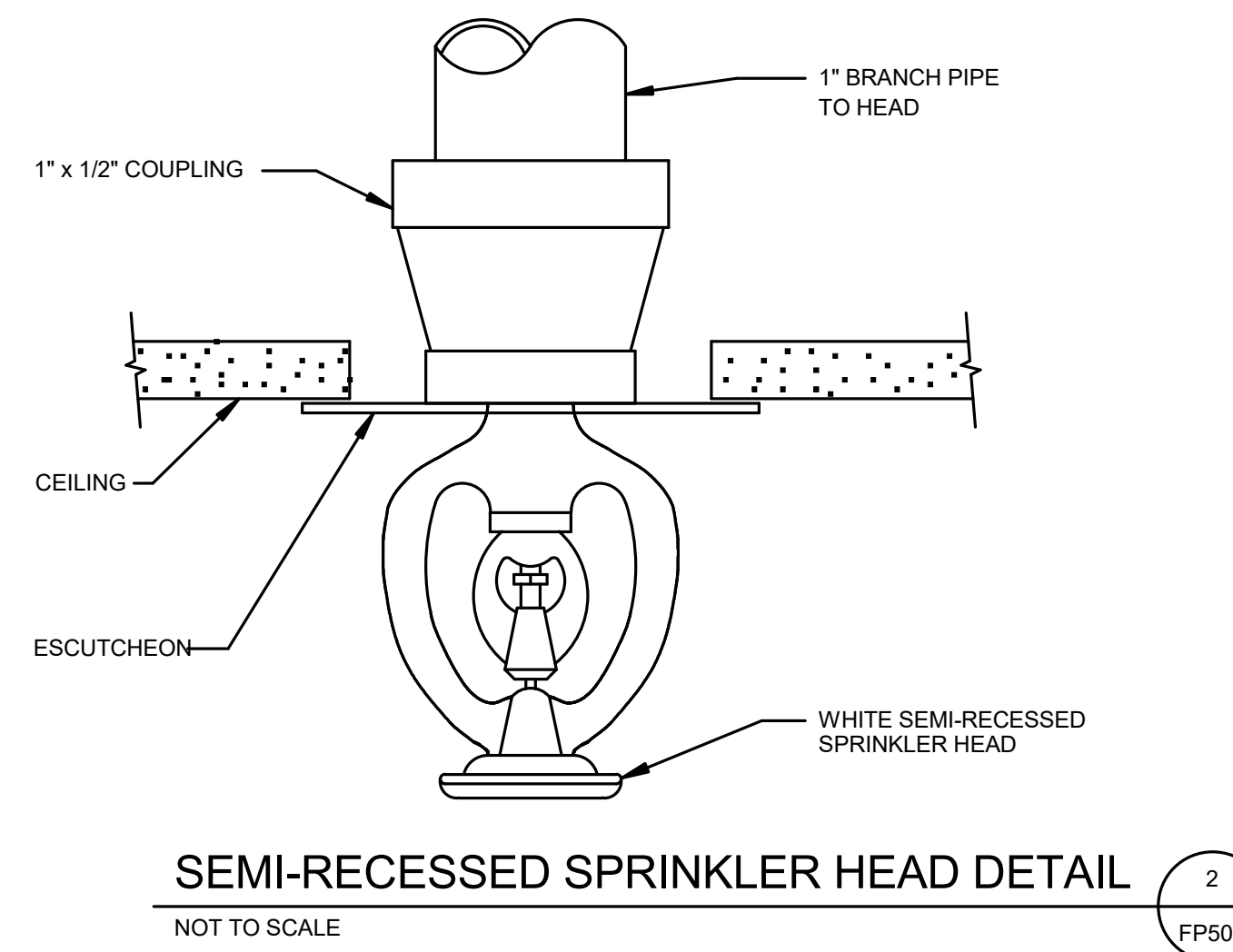
E



SPRINKLER HOSE DETAIL

1
FP501

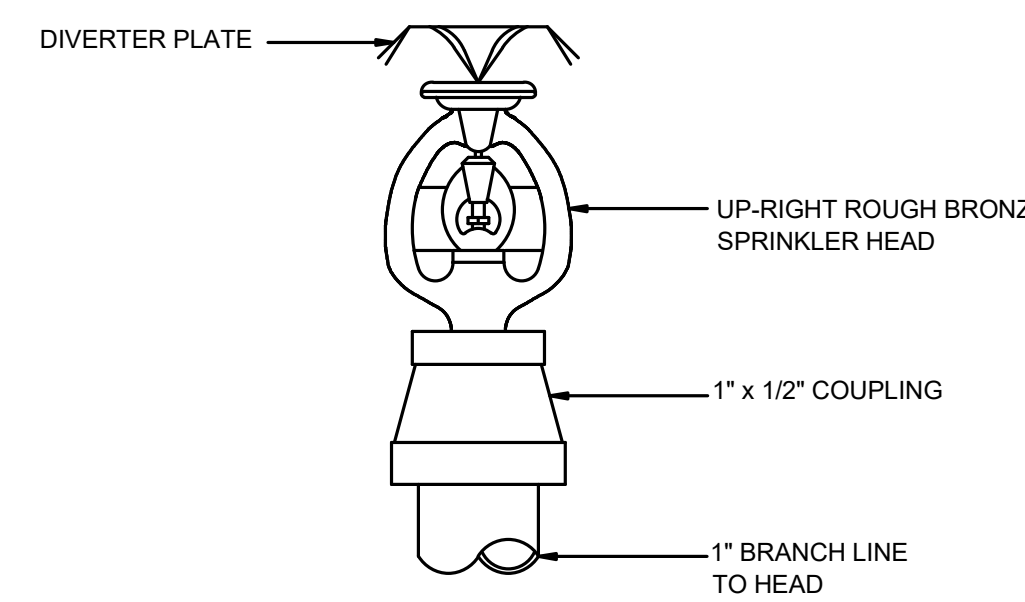
NOT TO SCALE



SEMI-RECESSED SPRINKLER HEAD DETAIL

2
FP501

NOT TO SCALE



UPRIGHT ROUGH BRONZE, WHITE OR CHROME SPRINKLER HEAD DETAIL

3
FP501

NOT TO SCALE

GENERAL FIRE PROTECTION NOTES

1. THE FIRE SPRINKLER CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ELECTRICAL, SHEET METAL, PLUMBING, AND CEILING CONTRACTORS TO AVOID ANY CONFLICTS IN PIPE ROUTING OR HEAD LOCATIONS.
2. RUN SPRINKLING PIPING AS HIGH AS POSSIBLE IN JOIST SPACE ABOVE CEILING AND COORDINATE WITH DUCTWORK.
3. FIRE SPRINKLER PLANS SHALL BE APPROVED BY ALL GOVERNING AGENCIES PRIOR TO SUBMITTING PLANS TO THE ARCHITECT.
4. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE COMPLETE FIRE SPRINKLER SYSTEMS, INCLUDING ALL ITEMS AS REQUIRED OR RECOMMENDED BY ALL GOVERNING AGENCIES.
5. FIRE SPRINKLER SYSTEM SHALL COMPLY WITH N.F.P.A. 13, AND ALL GOVERNING AGENCIES.
6. PIPE SLEEVES THROUGH FIRE-RATED WALLS, PARTITIONS, AND CEILINGS SHALL BE OF FIRE RATED CONSTRUCTION. SPACE BETWEEN PIPE AND SLEEVE SHALL BE PACKED WITH FIREPROOF MATERIAL, U.L. LISTED. (FIRE SHIELDS, INC. MODEL DFB-CS)
7. FIRE SPRINKLER HEADS IN INDIVIDUAL ROOMS TO BE RUN IN STRAIGHT LINES AND COORDINATED WITH CEILING AND LIGHTS.
8. FIRE SPRINKLER CONTRACTOR SHALL COORDINATE HIS LOCATION OF PIPING VERY CAREFULLY WITH THE ARCHITECTURAL AND STRUCTURAL PLANS AND AS APPROVED BY THE ARCHITECT.
9. HEAD GUARDS TO BE PROVIDED IN ACCORDANCE WITH N.F.P.A.
10. FIRE SPRINKLER TEST VALVES TO BE LOCATED IN AREAS CONVENIENT TO MAINTENANCE PERSONNEL, BUT AWAY FROM PUBLIC ACCESS.
11. THE UTAH STATE FIRE MARSHALS OFFICE SHALL BE NOTIFIED (IN WRITING) AT LEAST THREE DAYS IN ADVANCE OF THE FOLLOWING:
 - A. HYDROSTATIC TEST AND FINAL INSPECTION OF OVERHEAD SYSTEMS PRIOR TO INSTALLATION OF CEILINGS.
 - B. FLUSHING OF UNDERGROUND PRIOR TO CONNECTION OF OVERHEAD.
 - C. HYDROSTATIC TEST AND FINAL INSPECTION OF UNDERGROUND PRIOR TO BACKFILLING.
12. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS PRIOR TO FABRICATION OF PIPE SYSTEMS.
13. FIRE PROTECTION DRAWINGS ARE DIAGRAMMATIC ONLY.
14. FIRE PROTECTION CONTRACTOR SHALL COORDINATE ROUTING, HANGING AND BRACING WITH ROOF STRUCTURE. ALL FIRE SPRINKLER PIPING SHALL COMPLY WITH THE FOLLOWING.
 - A. ALL PIPING CONCENTRATED LOADS GREATER THAN 100 POUNDS SUPPORTED BY OPEN WEB STEEL JOISTS AND GIRDERS SHALL BE LOCATED WITHIN 6 INCHES OF JOIST OR GIRDER PANEL POINTS OR THE JOIST OR GIRDER SHALL BE REINFORCED WITH AN ADDITIONAL WEB MEMBER. REFER TO GENERAL STRUCTURAL NOTES AND THE "TYPICAL DETAIL AT ADDITIONAL CONCENTRATED POINT LOAD" ON THE STRUCTURAL DRAWINGS.
 - B. CONCENTRATED POINT LOADS, SINGLE OR MULTIPLE, TOTALING 100 POUNDS OR LESS CAN BE LOCATED AT ANY POINT ALONG THE BOTTOM CHORD OF AN OPEN WEB JOIST OR GIRDER BETWEEN ADJACENT PANEL POINTS WITHOUT MEETING THE REQUIREMENTS ABOVE. A LIMIT OF (4) CONCENTRATED 100# MAXIMUM POINT LOADS PER JOIST OR GIRDER SHALL BE PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
 - C. JOIST BRIDGING SHALL NEVER BE USED TO SUPPORT HANGING LOADS.
 - D. BRACING OF FIRE SPRINKLER PIPING TO THE BOTTOM CHORD OF JOISTS OR GIRDERS WILL NOT BE ALLOWED IN ANY INSTANCE. ALL LATERAL BRACES MUST CONNECT TO THE TOP FLANGE/TOP CHORD OF THE FRAMING MEMBER ABOVE UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
15. STEEL ROOF DECKING SHALL NOT BE USED TO SUPPORT LOADS FROM FIRE SPRINKLER ELEMENTS OR EQUIPMENT OF ANY KIND.
16. ALL FIRE SPRINKLER PIPING RUNNING IN OCCUPIED AREAS WITH EXPOSED STRUCTURE SHALL RUN WITH SLOPE OF ROOF DECK.
17. FIRE SPRINKLER CONTRACTOR SHALL COORDINATE ANY CROSSOVERS OR DROPS AT MAIN CORRIDOR TO AVOID CONFLICTS WITH CLEARSTORY, DROPS & CROSSOVER LOCATIONS SHALL BE VERIFIED WITH PROJECT ARCHITECT PRIOR TO INSTALLATION.
18. ALL FIRE MAINS SHALL RUN ABOVE AREAS WITH CEILINGS. NO MAINS WILL BE ALLOWED IN OCCUPIED AREAS EXPOSED TO ROOF DECK.
19. IN EXPOSED AREAS THE FIRE SPRINKLER CONTRACTOR SHALL COORDINATE PIPING & HEAD LOCATIONS WITH HVAC ARCHITECTURAL REFLECTED CEILING PLANS, DUCTWORK, DIFFUSERS AND ALL LIGHTING LAYOUTS.
20. FIRE SPRINKLER HEADS IN ALL CORRIDORS SHALL BE INSTALLED DOWN THE CENTERLINE OF THE CORRIDOR.
21. ALL PIPE PENETRATIONS OF CONCRETE, CMU OR BRICK WALLS SHALL BE SLEEVED OR CORE CUT.
22. ALL PIPE PENETRATIONS OF SHEETROCK WALLS SHALL BE SAWCUT.
23. ALL PENETRATIONS AT 1 HOUR AND 2 HOUR WALLS SHALL BE FIRE CAULKED PER RATING REQUIRED. COORDINATE WITH LIFE SAFETY PLAN.
24. ALL FIRE HEADS AT CORRIDORS SHALL BE LOCATED AT CENTER OF TILE.
25. ALL FIRE HEADS AT CLASSROOM AND ADMINISTRATION AREAS SHALL BE LOCATED AT CENTER OF TILE AND 1/4 POINTS.

OLSEN & PETERSON
consulting engineers, inc.

DATE: DECEMBER 23, 2021
 PROJECT #: CMA 21-070
 PROJ. MAN.: MT
 CHECKED BY: JAB

333 SOUTH PLEASANT GROVE
 SUITE #112
 PLEASANT GROVE, UTAH 84042

PHONE: (801) 769-3000
 olsen@olp.com

THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT ©2017 CURTIS MINER ARCHITECTURE, LLC

PROJECT:
**PCSD TECHNOLOGY
 ADDITION & REMODEL**

PROJECT ADDRESS:
 527 S 1600 W ST
 PROVO, UTAH 84601

OWNER:

PROFESSIONAL SEAL:
 JAMES AUSTIN
 REGISTERED
 12/23/2021
 UTAH

SHEET DESCRIPTION:
FIRE PROTECTION DETAILS

SHEET:
FP501

MARK	REVISION	DATE

ABBREVIATIONS INDEX

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
#	NUMBER	MH	MANHOLE
AC	ALTERNATING CURRENT	MC	MICROPHONE
A.F.F.	ABOVE FINISH FLOOR	MIN	MINIMUM
AIC	AMPS INTERRUPTING CAPACITY	MTG	MOUNTING
AM	AMPS METER	MTR	MOTOR
AMP	AMPERE	N/A	NOT APPLICABLE
ANN	ANNUNCIATOR	NC	NORMALLY CLOSED
ATS	AUTOMATIC TRANSFER SWITCH	NEC	NATIONAL ELECTRICAL CODE
AUX	AUXILIARY	NEMA	NATIONAL ELECT. MANUFAC. ASSOC.
AWG	AMERICAN WIRE GAUGE	NFPA	NATIONAL FIRE PROTECTION ASSOC.
BC	BARE COPPER	N.I.C.	NOT IN CONTRACT
BFG	BELOW FINISH GRADE	NO	NORMALLY OPENED
C	CONDUIT	NTS	NOT TO SCALE
CAB	CABINET	OS & Y	OUTSIDE SCREW & YOKE
CATB	COMMUNITY ANTENNA TELEVISION	PB	PUSHBUTTON
CATV	CABLE TELEVISION	PF	POWER FACTOR
CKT	CIRCUIT	PFR	PHASE FAILURE RELAY
CLG	CEILING	PNL	PANEL
CONTR	CONTRACTOR	PT	POTENTIAL TRANSFORMER
C.O.	CONDUIT ONLY	PVC	POLYVINYL CHLORIDE CONDUIT
CRT	COMPUTER TERMINAL	(R)	RELOCATE
CT	CURRENT TRANSFORMER	RECEP	RECEPTACLE
CU	COPPER	REQ	REQUIREMENT
CW	COMPLETE WITH	RLA	RATED LOAD AMPS
DB	DECIBEL	RMP	ROCKY MOUNTAIN POWER
DC	DIRECT CURRENT	RMS	ROOT MEAN SQUARE
DWG	DRAWING	SE	SERVICE ENTRANCE
(E)	EXISTING	SPEC	SPECIFICATIONS
EC	EMPTY CONDUIT	SPKR	SPEAKER
EG	EMERGENCY GENERATOR	SS	SELECTOR SWITCH
EMT	ELECTRICAL METALLIC TUBING	SW	SWITCH
EX	EXPLOSION PROOF	SWBD	SWITCHBOARD
FACP	FIRE ALARM CONTROL PANEL	SWGR	SWITCHGEAR
FC	FOOT CANDLE	TTB	TELEPHONE TERMINAL BOARD
FT	FOOT	TTG	TELEPHONE TERMINAL CABINET
GFI	GROUND FAULT INTERRUPTER	TV	TELEVISION
GND	GROUND	TYP	TYPICAL
GRC	GALVANIZED RIGID CONDUIT	UG	UNDERGROUND
HP	HORSE POWER	UPS	UNINTERRUPTED POWER SUPPLY
HZ	HERTZ	V	VOLT (KV-KILOVOLT)
IFC	INTERNATIONAL FIRE CODE	VA/R	VOLT-AMPS/REACTIVE
IG	ISOLATED GROUND	VM	VOLT METER
IMC	INTERMEDIATE METALLIC CONDUIT	W	WATTS
IN	INCH	W/	WITH
J-BOX	JUNCTION BOX	WH	WATT HOUR METER
KV	KILOVOLT	W/O	WITHOUT
KVA	KILOVOLT AMPERES	WP	WEATHERPROOF
KVAR	KILOVAR	XMR	TRANSFORMER
KW	KILOWATT	XFMR SW	TRANSFER SWITCH
LRA	LOCKED ROTOR AMPS	XP	EXPLOSION PROOF
LTG	LIGHTING	1P	SINGLE-PHASE
MNF	MANUFACTURER	2P	TWO-POLE
MAX	MAXIMUM	3P	THREE-POLE
MB	MAIN BUS	4P	FOUR-POLE
MCC	MOTOR CONTROL CENTER	Ø	PHASE
MCM	1000 CIRCUULAR MILLS		

SYMBOL SCHEDULE

- NOTES:
- SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE.
 - HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISHED FLOOR.
 - REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
 - SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
 - NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED). USE 'HD' 480 V.
 - HEIGHT MEASURED TO TOP OF THE BOX FROM FINISHED FLOOR.
 - PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED.
 - DOUBLE ARROWS INDICATES A DOUBLE FACE UNIT.
 - DASHED LINE INDICATES EQUIPMENT CLEARANCES. ARROW INDICATES FRONT OF RACK.
 - SPEAKER TO BE MOUNTED IN HORIZONTAL POSITION.
 - MOUNTING HEIGHT IS TO BOTTOM OF DISPLAY.
 - COORDINATE WITH DOOR HARDWARE SUPPLIER.
 - FOR WATER COOLER LOCATION, SEE DIAGRAM R002. FOR ALL OTHER LOCATIONS, MOUNT AT +18" TO BOTTOM OF BOX FROM FINISHED FLOOR, OR AS NOTED.
 - ARROWS SHOWN ON DEVICE INDICATE SENSOR AIMING DIRECTION.
 - CAMERA NUMBERS ARE SHOWN INSIDE THE CAMERA SYMBOL. CAMERA TYPES ARE INDICATED IN TAG.
 - MOUNT ON TRACK OF OVERHEAD DOOR, 6" FROM TOP OF DOOR, UNLESS OVERHEAD DOOR IS A ROLL UP DOOR, THEN MOUNT PER MANUFACTURER'S INSTRUCTIONS.
 - INSTALL DEVICES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - DASHED LINE INDICATES EQUIPMENT CLEARANCES. ARROW INDICATES FRONT OF RACK.
 - SPEAKER TO BE MOUNTED IN HORIZONTAL POSITION.
 - MOUNTING HEIGHT IS TO BOTTOM OF DISPLAY.

STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS

GENERAL			POWER		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	SYMBOL	DESCRIPTION	MOUNTING HEIGHT
—	ONE CIRCUIT		(R)	RECEPTACLE SWITCH PACK	ABOVE CEILING
—	CONDUIT RUN CONCEALED IN WALL OR CEILING	+72"	(P)	POWER POLE	+46" OR AS NOTED
-----	CONDUIT RUN CONCEALED IN FLOOR OR GROUND	+18"	(PL)	PLUGMOLD	+46" OR AS NOTED
—○—	CONDUIT UP		(DP)	FLAT PANEL DISPLAY WALL BOX TVSS RECEPT. DATA AND OTHER DEVICES. REFER TO DIAGRAMS.	SEE DIAGRAM SPEC. 26 2726
—●—	CONDUIT DOWN		(CP)	CEILING PROJECTION SYSTEM CEILING BOX	ABOVE CEILING SEE DIAGRAM SPEC.
—○—	CONDUIT STUB LOCATION	CAP CONDUIT	(C)	CLOCK OUTLET	+90"
—○—	CONDUIT / CIRCUIT CONTINUATION		(D)	DOORBELL CHIME	+90"
			(FB)	FLOOR BOX - SEE SCHEDULE	FLOOR SEE DIAGRAM SPEC.
			(PT)	POKE THRU - SEE SCHEDULE	FLOOR SEE DIAGRAM SPEC.
			(MO)	MOTOR OUTLET	TO SLIT EQUIP
			(PB)	PUSHBUTTON	+46"
			(NF)	NON-FUSED DISCONNECT SWITCH	+60"
			(F)	FUSED DISCONNECT SWITCH	+60"
			(B)	BREAKER DISCONNECT SWITCH	+60"
			(S)	MANUAL STARTER THERMAL OVERLOAD SWITCH WITH PILOT LIGHT	+46"
			(M)	MAGNETIC STARTER	+60"
			(MS)	MAGNETIC STARTER / DISCONNECT COMBINATION	+60"
			(VFD)	VARIABLE FREQUENCY DRIVE	+66"
			(P)	PANEL, BOARD	+72"
			(MD)	MAIN DISTRIBUTION PANEL	
			(M)	UTILITY METER / CT CABINET	+72"

SHEET INDEX

E001	SYMBOLS, SCHEDULES, AND NOTES
E002	FIXTURE & EQUIPMENT SCHEDULE
E110	OVERALL DEMOLITION FLOOR PLAN
E201	OVERALL LIGHTING FLOOR PLAN
E301	OVERALL POWER FLOOR PLAN
E401	OVERALL SYSTEMS FLOOR PLAN
E601	PANELBOARD SCHEDULES
E701	ELECTRICAL DIAGRAMS
E702	ELECTRICAL DIAGRAMS

GENERAL NOTES

- CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
- VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC) OF ALL EQUIPMENT FURNISHED UNDER ALL DIVISIONS, INCLUDING ALL EXISTING EQUIPMENT TO BE RE-USED. REVIEW ALL SHOP DRAWINGS AND EXISTING EQUIPMENT BEFORE BEGINNING ROUGH-IN.
- SEE SECTION 265100 (16510) OF THE SPECIFICATION FOR REQUIRED COORDINATION MEETINGS WITH MECHANICAL AND CEILING CONTRACTORS.
- SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.
- SEE SPECIFICATION FOR ENERGY SAVING LAMP AND BALLAST REQUIREMENTS.
- FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.
- THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.
- ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUTED CELLS ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.
- ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.
- CONTRACTOR SHALL VERIFY FURNITURE LAYOUT PRIOR TO ANY FLOORBOX OR POKE-THRU INSTALLATION. COORDINATE EXACT LOCATION OF FLOOR BOX OR POKE-THRU WITH OWNER AND FURNITURE PROVIDER PRIOR TO ROUGH-IN.
- CIRCUITS EXTENDING OVER 70' FOR 120 VOLT AND 115' FOR 277 VOLT 20 AMP CIRCUITS SHALL BE RUN WITH CONDUCTORS PER TABLE BELOW.

20 AMP MINIMUM BRANCH CIRCUIT CONDUCTOR SIZING		
MAXIMUM LENGTH	BRANCH CIRCUIT VOLTAGE	
CONDUCTOR LENGTH (FT)	120 VOLT	277 VOLT
<70	MIN. #12 AWG	MIN. #12 AWG
70 - 115	MIN. #10 AWG	MIN. #12 AWG
115 - 170	MIN. #8 AWG	MIN. #10 AWG
170 - 270	MIN. #6 AWG	MIN. #8 AWG
271 - 380	NOTE B	MIN. #6 AWG
>380	NOTE B	NOTE B

- THESE ARE BASED ON MAXIMUM LENGTH OF CIRCUIT.
- PERFORM VOLTAGE DROP CALCULATIONS AND PROVIDE CONDUCTOR SIZE TO KEEP BRANCH CIRCUIT VOLTAGE DROP LESS THAN 3% WITH A 15 AMP LOAD.
- CONTRACTOR SHALL ENSURE THAT THE INSTALLATION OF EACH BRANCH CIRCUIT STAYS WITHIN 3% VOLTAGE DROP FOR A 15 AMP LOAD. IF NECESSARY CONTRACTOR SHALL INCREASE WIRE AND CONDUIT SIZE TO MEET THE STANDARD AT NO ADDITIONAL COST TO OWNER.

TELECOMMUNICATIONS			TELEPHONE DEMARCATION BOARD		
(W)	WALL PHONE	+60" OR AS NOTED	(S)	SMOKE DETECTOR	CEILING
(D)	DATA OUTLET, ONE CABLE	+18" OR AS NOTED	(SC)	SMOKE/CARBON MONOXIDE DETECTOR	CEILING
(D)	DATA OUTLET, TWO CABLES	+18" OR AS NOTED	(C)	CARBON MONOXIDE DETECTOR	CEILING
(D)	DATA OUTLET, THREE CABLES	+18" OR AS NOTED	(H)	HEAT DETECTOR	CEILING
(D)	DATA OUTLET, "X" INDICATES QUANTITY	+18" OR AS NOTED	(D)	DUCT SMOKE DETECTOR	MTD. IN DUCT
(D)	DATA OUTLET, CEILING	AS NOTED	(D)	FIRE/SMOKE DAMPER	
(WAP)	WIRELESS ACCESS POINT, TWO CABLES	WALL / CEILING	(DH)	DOOR HOLDER	AS NOTED
			(FS)	FLOW SWITCH	
			(TS)	TAMPER SWITCH	
			(WF)	WATER FLOOD INDICATOR	
			(R)	O.S. & Y. VALVE	SEE DIAGRAM
			(R)	FIRE ALARM RELAY OR SECURITY RELAY	
			(CM)	FIRE ALARM CONTROL MODULE	
			(MM)	FIRE ALARM MONITOR MODULE	
			(TW2)	TWO-WAY COMMUNICATION SYSTEM CONTROL PANEL	+46"
			(TW)	TWO-WAY COMMUNICATION SYSTEM CALL STATION	+46"

FIRE ALARM			SECURITY		
(B)	BELL	+94"	(E)	ELECTRIC DOOR STRIKE	DOOR JAMB
(C)	CHIME / STROBE	+94"	(DP)	DOOR POSITION INTRUSION SWITCH	DOOR JAMB
(F)	FIRE ALARM MANUAL STATION	+46"	(EL)	ELECTRIC DOOR LOCK	DOOR JAMB
(H)	FIRE ALARM SIGNAL HORN / STROBE	+94"	(RX)	ACCESS CONTROL SYSTEM, REQUEST TO EXIT	17.
(H) CLG	CONCEALED FIRE ALARM HORN / STROBE	CEILING	(EC)	ELECTRIC CRASH BAR	DOOR HARDWARE
(H)	CONCEALED FIRE ALARM HORN / STROBE WALL	+94"	(CR)	ACCESS CONTROL CARD READER	+46"
(E)	FIRE ALARM SPEAKER / STROBE	+94"	(BR)	ACCESS CONTROL BIOMETRIC READER	+46"
(E) CLG	CONCEALED FIRE ALARM SPEAKER / STROBE	CEILING	(KS)	KEY OVERRIDE SWITCH	+46"
(E)	CONCEALED FIRE ALARM SPEAKER / STROBE WALL	+94"	(CR)	INTEGRATED CARD READER AND LOCK	+46"
(S)	FIRE ALARM STROBE	+94"	(KCR)	KEYPAD CARD READER COMBO	+46"
(S) CLG	CONCEALED FIRE ALARM STROBE	CEILING	(X)	MOMENTARY PUSH BUTTON, DR = DOOR RELEASE, LD = LOCKDOWN, PTE = PUSH TO EXIT	AS NOTED
(S)	CONCEALED FIRE ALARM STROBE WALL	+94"	(R)	SECURITY RELAY	
(K)	FIRE ALARM SPEAKER ONLY	+94"	(IC)	IP CAMERA, PROVIDE ONE NEW DATA CABLE	
(B)	FIRE ALARM STROBE WITH BLUE COLORED LENS (OO VISUAL ALARM)	+94"			
(ANN)	FIRE ALARM ANNUNCIATOR PANEL	+58"			
(AV)	ASPIRATING SMOKE DETECTION SYSTEM	CEILING			
(B)	BEAM DETECTOR	MOUNT AS PER MFR			

AUDIOVISUAL			NURSE CALL		
(HD)	HDMI INPUT, WALL PLATE WITH HUBBELL HBL260 JUNCTION BOX, SINGLE GANG MUDRING	+18" OR AS NOTED	(SA)	STAFF ASSIST STATION	+46" OR AS NOTED
(HV)	HDMI AND VGA INPUT, WALL PLATE WITH HUBBELL HBL260 JUNCTION BOX, DOUBLE GANG MUDRING	+18" OR AS NOTED	(CB)	CODE BLUE STATION WITH FLIP COVER	+46" OR AS NOTED
(TH)	HDMI INPUT TRANSMITTER, WALL PLATE WITH HUBBELL HBL260 J-BOX, SINGLE GANG MUDRING	+18" OR AS NOTED	(GI)	GRAPHICAL INTERFACE ROOM STATION	+46" OR AS NOTED
(TD)	HDMI AND VGA TRANSMITTER, WALL PLATE WITH HUBBELL HBL260 J-BOX, DOUBLE GANG MUDRING	+18" OR AS NOTED	(N)	NURSE CALL DOME/ZONE LIGHT	+30" OR AS NOTED
(TM)	HDMI, DISPLAY PORT AND/OR VGA TRANSMITTER SURFACE MOUNTED UNDER MILLWORK/FURNITURE	UNDER TABLE	(PC)	PULL CORD STATION WITH AUDIO	+46" OR AS NOTED
(TX)	HDMI/OT CATEGORY 6A SFP+ WALL PLATE WITH HUBBELL HBL 260 J-BOX, SINGLE GANG MUDRING	+18" OR AS NOTED	(DS)	DUTY STATION	+46" OR AS NOTED

LIGHTING			EMERGENCY LIGHTING CONTROL UNIT		
(C)	CEILING LIGHT FIXTURE	CEILING	(EP)	EMERGENCY LIGHTING CONTROL UNIT	ABOVE CEILING SEE DIAGRAM SPEC.
(W)	WALL LIGHT FIXTURE	AS NOTED	(S)	SINGLE POLE SWITCH	+46"
(R)	RECESSED DOWNLIGHT FIXTURE	CEILING	(S ³)	THREE-WAY SWITCH	+46"
(R)	RECESSED WALL-WASH DOWNLIGHT FIXTURE	CEILING	(S ⁴)	FOUR-WAY SWITCH	+46"
(O)	LIGHT FIXTURE	AS NOTED	(S ^X)	KEY OPERATED SWITCH	+46"
(E)	EGRESS LIGHT FIXTURE	AS NOTED	(S ^P)	SWITCH WITH PILOT LIGHT	+46"
(E)	AREA LIGHT POLE AND FIXTURE	CONCRETE BASE CONCRETE BASE	(S ^I)	VARIABLE INTENSITY SWITCH	+46"
(B)	BOLLARD	1.	(S TM)	TIMER SWITCH	+46"
(S)	STEP LIGHT FIXTURE	AS NOTED	(S)	MOMENTARY CONTACT SWITCH	+46"
(I)	IN-GRADE LIGHT FIXTURE	CONCRETE BASE	(L)	LOW VOLTAGE WALLSTATION (SUBSCRIPT INDICATES CONFIGURATION & CONTROL SEQUENCE)	+46" SEE DIAGRAM SPEC.
(F)	FLOOR OR TRACK FIXTURE	AS NOTED	(D)	DUAL TECH. CEILING MOUNTED OCCUPANCY SENSOR (PROVIDE WITH ALL IP AND ROOM CONTROLS)	CEILING SPEC. 2-4 SEE DIAGRAM SPEC.
(C)	CEILING / WALL MOUNTED EXIT LIGHT	CEILING / AS NOTED	(D)	DUAL TECH. WALL MOUNTED OCCUPANCY SENSOR (SUBSCRIPT D = DIMMING AND DAYLIGHT CONTROL)	CEILING SPEC. 2-4 SEE DIAGRAM SPEC.
(E)	EMERGENCY LIGHT FIXTURE	AS NOTED	(P)	PHOTO-ELECTRIC CONTROL (LOCATE ON ROOF, FACE NORTH)	AS NOTED PER MFR SEE DIAGRAM SPEC.
(E)	COMBO EXIT / EMERGENCY LIGHT FIXTURE	AS NOTED	(D)	DIGITAL DAYLIGHT SENSOR	CEILING
(PP)	POWER PACK	ABOVE CEILING SEE DIAGRAM SPEC.	(TC)	TIME CLOCK	+60"
(RC)	DIGITAL ROOM CONTROLLER (SUBSCRIPT INDICATES NUMBER OF RELAYS)	ABOVE CEILING SEE DIAGRAM SPEC.	(R)	RECEPTACLE SWITCH PACK	ABOVE CEILING

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

DATE: DECEMBER 23, 2021		PROJECT #: 21441	
PROJ. MAN: DB		CHECKED BY: BS	

**PCSD TECHNOLOGY
ADDITION & REMODEL**

PROJECT ADDRESS: 527 S 1600 W ST
PROVO, UTAH 84601

OWNER:
**Provo City
SCHOOL DISTRICT**

SHEET DESCRIPTION: SYMBOLS, SCHEDULES, AND NOTES	SHEET: E001
--	-----------------------

MARK	REVISION	DATE

EQUIPMENT SCHEDULE

CONNECTION TYPE NOTES:
 1. NON-FUSED DISCONNECT SWITCH
 2. FUSED DISCONNECT SWITCH
 3. BREAKER IN ENCLOSURE
 4. MANUAL STARTER WITH THERMAL OVERLOAD
 5. MAGNETIC STARTER
 6. MAGNETIC STARTER/NON-FUSED DISCONNECT COMBINATION
 7. MAGNETIC STARTER/FUSED DISCONNECT COMBINATION
 8. MAGNETIC STARTER/BREAKER COMBINATION
 9. VARIABLE FREQUENCY DRIVE
 10. REDUCED VOLTAGE STARTER
 11. DIRECT CONNECTION
 12. RECEPTACLE/SPECIAL PURPOSE OUTLET/ETC.
 13. TWO-SPEED STARTER, COORDINATE WITH MOTOR TYPE
 14. SOLID STATE SOFT-STARTER

RESPONSIBILITY LEGEND:
 A. FURNISHED, INSTALLED AND CONNECTED UNDER DIVISION 26(16)
 B. FURNISHED AND INSTALLED UNDER ANOTHER DIVISION, REQUIRED CONNECTION UNDER DIVISION 26(16)
 C. FURNISHED UNDER ANOTHER DIVISION BUT INSTALLED AND CONNECTED UNDER DIVISION 26(16)
 D. FURNISHED, INSTALLED AND CONNECTED UNDER ANOTHER DIVISION

CB = CIRCUIT BREAKER

NOTE 1: PER 250.122(A), EQUIPMENT GROUND IS NOT REQUIRED TO BE LARGER THAN THE PHASE CONDUCTOR
 NOTE 2: OVERCURRENT PROTECTION DEVICE (OCPD) SHOWN IS LOCATED AT POWER PANEL; ALL FUSING TO BE SIZED IN ACCORDANCE WITH FUSE MFR RECOMMENDATION FOR MOTOR NAME PLATE RATING.
 NOTE 3: ALL EQUIPMENT TO BE RATED FOR THE ENVIRONMENT FOR WHICH IT IS INSTALLED.

UNIT	#	DESCRIPTION	ELECTRICAL EQUIPMENT INFORMATION				VOLTAGE	PHASE	FULL LOAD AMPS	CONDUIT SIZE	WIRE			OCPD		STARTER/DISC/VFD OTHER (SEE NOTES)	REMARKS	
			HP	FLA	MCA	VA					SETS	QTY	SIZE	EQ. GROUND	TYPE			AMPS
CH	1	CHAIN HOIST	0.00	7.7 A	0 A	0 VA	120 V	1	8 A	3/4"	1	2	12	12	CB	15 A	4 A	
RT	1	ROOF TOP UNIT	0.00	26.4 A	0 A	0 VA	208 V	3	26 A	3/4"	1	3	8	10	CB	40 A	2 A	

LIGHT FIXTURE SCHEDULE

PROJECT MANAGER: BECCA STROMBERG

LIGHT FIXTURE ABBREVIATION SCHEDULE			
A.F.F.	ABOVE FINISH FLOOR	SCBA	STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT
WALL@CLG	WALL MOUNT AT CORNER OF WALL AND CEILING	CFBA	CUSTOM FINISH AS SELECTED BY THE ARCHITECT
CCBA	CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT	SFBA	STANDARD FINISH AS SELECTED BY THE ARCHITECT

- LIGHT FIXTURE GENERAL NOTES
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES AND, CONFIRM CEILING TYPES WITH LIGHT FIXTURE TRIMS. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING.
 - REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
 - REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, LED DRIVERS, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS.
 - CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE.
 - REFER TO LIGHTING PLANS FOR ALL LINEAR FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF LINEAR FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH.
 - REFER TO LIGHTING PLANS FOR ALL UNDERCABINET FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF THE UNDERCABINET FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH OR TO FIT WITHIN THE MILLWORK. COORDINATE FIXTURE LAYOUT WITH MILLWORK SHOP DRAWINGS PRIOR TO LIGHTING.
 - WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, NOTIFY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER.
 - PRIOR APPROVALS ARE REQUIRED BEFORE BIDDING THE PROJECT AND SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE REJECTED.
 - REFER TO SPECIFICATIONS 20 0500, 26 5100 & 26 5600 (16001, 16510 & 16551).
 - VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM (IE, ARCHITECT, ENGINEER & LIGHTING CONSULTANT/DESIGNER) WILL NOT BE ALLOWED, REVIEWED OR APPROVED.

TYPE	DESCRIPTION	MFR.	CATALOG #	VOLTS	TOTAL WATTS	LAMP
A	2X4' HIGH PERFORMANCE FLAT PANEL LUMINAIRE; EXTRUDED ALUMINUM FRAME WITH DIFFUSED, GLARE-FREE LENS; 2.25" FIXTURE DEPTH; EASY TO CLEAN; 60,000 HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING	METALUX	24FPSL2SCT3-4K-HIGH	120 V	56 VA	6300 LUMEN LED, 4000K CCT, 80+ CRI
AE	2X4' HIGH PERFORMANCE FLAT PANEL LUMINAIRE; EXTRUDED ALUMINUM FRAME WITH DIFFUSED, GLARE-FREE LENS; 2.25" FIXTURE DEPTH; EASY TO CLEAN; 60,000 HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; CONNECTED TO EMERGENCY CIRCUIT; IF NOT AVAILABLE, SUPPLY BATTERY	METALUX	24FPSL2SCT3-4K-HIGH	120 V	56 VA	6300 LUMEN LED, 4000K CCT, 80+ CRI
HB1	HIGH EFFICIENT HIGH BAY LED LUMINAIRE; ALUMINUM HOUSING; WIDE BEAM ANGLE; DIFFUSED LENS FOR GLARE REDUCTION; FIXTURE MOUNTED BETWEEN TRUSSES OR PER ARCHITECT; SCBA, 5 YR WARRANTY, 0-10 DIMMING, 250,000 HOUR (L70)	METALUX	LHB-18-UNV-L840-CD-U-XX-LHB-Y-TOGGLE(VERIFY MOUNTING HARDWARE)	120 V	132 VA	18,000 LUMEN LED, 4000K CCT, 80+ CRI
X1	THIN DIE-CAST ALUMINUM SLIM PROFILE LED EXIT SIGN, MATTE BLACK WITH BRUSHED ALUM. FACES; AC ONLY (VERIFY EM. POWER ON-SITE, PROVIDE BATTERY IF NEEDED); UNIVERSAL MOUNTING - WALL, SIDE, OR CEILING; SEE PLANS FOR ARROWS AND MOUNTING; PROVIDE WIRE GUARD AS INDICATED = "WG"	EMERGH-LITE	BA-TX-UNV-G	120 V	5 VA	LED, 4100K CCT, 82+ CRI

A



B

C

D

E

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

 <p>231 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3300 cm@curtisminer.com</p>	DATE: DECEMBER 23, 2021 PROJECT #: 21441 PROJ. MAN.: DB CHECKED BY: BS
	<p>PROJECT: PCS D TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: FIXTURE & EQUIPMENT SCHEDULE</p>	<p>SHEET: E002</p>

MARK	REVISION	DATE



DEMOLITION GENERAL NOTES

- DIVISION 26 SHALL CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT WITH OWNERS. FIXTURE LOCATIONS ARE DIAGRAMMATICALLY SHOWN ON THE DRAWINGS. EXISTING ELECTRICAL FIXTURES, DEVICES, EQUIPMENT, CIRCUITING AND/OR CIRCUITING AND/OR CONDUITS ARE NOT SPECIFIED UNLESS NOTED ON DRAWINGS. FINAL ROUTING OF THE CONDUITS, CIRCUITING AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR AND CLOSELY COORDINATED WITH OWNER. ALL EXISTING CONDITIONS MUST BE VERIFIED WITHOUT EXCEPTION.
- REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING DEMOLITION DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
- CONTRACTOR TO VERIFY THAT ALL THE EXISTING EQUIPMENT THAT IS TO REMAIN, BE REMOVED, AND RE-INSTALLED ARE IN WORKING CONDITIONS. CONTRACTOR IS TO PROVIDE OWNER WRITTEN DOCUMENTATION OF ANY ITEMS NOT IN WORKING CONDITION PRIOR TO COMMENCING WORK IN ANA AREA.
- DURING DEMOLITION AND NEW CONSTRUCTION, THE CONTINUATION OF BUILDING SYSTEMS MAY BE NECESSARY. TRACE AND IDENTIFY EXISTING ELECTRICAL SYSTEM (POWER, LIGHTING, FIRE ALARM AND SECURITY) WIRING IN AREAS PRIOR TO DEMOLITION. ELECTRICAL CONTRACTOR SHALL DISCONNECT ALL NECESSARY EQUIPMENT TO MAKE IT SAFE FOR DEMOLITION. WHERE LIVE CIRCUITS OR FEEDERS PASS THROUGH A REMODEL AREA, CONTRACTOR SHALL MAINTAIN ELECTRIC CONTINUITY TO AND PROTECT BRANCH CIRCUITS AND/OR FEEDERS PASSING THROUGH. WHERE FEEDERS AND/OR BRANCH CIRCUITS FEED BOTH LOADS IN A REMODELED AREA AND OUTSIDE OF A REMODELED AREA, CONTRACTOR SHALL DISCONNECT AND REMOVE PORTIONS OF THE ELECTRICAL BRANCH CIRCUITS AND/OR FEEDERS WITHIN THE REMODELED AREA AND REWORK BRANCH CIRCUITS AND/OR FEEDERS TO MAINTAIN ELECTRICAL CONTINUITY TO LOADS OUTSIDE OF THE REMODELED AREA.
- DEVICES AND EQUIPMENT TO BE DEMOLISHED SHALL BE REMOVED, INCLUDING ALL RELATED CONDUITORS, RACEWAY, JUNCTION AND SPICE BOXES UP TO THE PANELBOARD/SWITCHBOARD. ALL CONDUITS AND BOXES THAT ARE SURFACE MOUNTED AND NO LONGER REQUIRE ACTIVE CIRCUITS SHALL BE COMPLETELY REMOVED. DEVICES TO BE REMOVED ON DRYWALL OR PLASTER TYPE WALLS THAT ARE TO REMAIN SHALL HAVE THE WALL SURFACE PATCHED TO MATCH THE EXISTING FINISH. THE CONTRACTOR SHALL IDENTIFY ALL DEMOLISHED AND ABANDONED BRANCH CIRCUITS. THESE SHALL BE NOTED AS SPARE ON PANELBOARD SCHEDULES. THIS INCLUDES IDENTIFYING EXISTING ABANDONED AND SPARE CIRCUITS THAT ARE CURRENTLY IDENTIFIED AS USED. THE CONTRACTOR SHALL FURNISH NEW TYPED DIRECTORIES FOR ALL PANELBOARDS.
- THE OWNER HAS THE RIGHT TO RETAIN ALL SALVAGEABLE MATERIAL. ANY MATERIAL THE OWNER CHOOSES NOT TO ACCEPT SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR.
- FULLY COORDINATE MECHANICAL EQUIPMENT ELECTRICAL CONNECTION REMOVAL AND RELOCATION WITH THE MECHANICAL CONTRACTOR.
- CONTRACTOR IS TO PROJECT IN PLACE ALL MECHANICAL, PLUMBING, ELECTRICAL ABOVE CEILING LINING. NOT SHOWN TO BE REMOVED BUT NOT LIMITED TO: NETWORK CABLING, COAX CABLING, CONDUITS, PIPING, DUCTWORK, ETC.
- WHERE DEVICES OR EQUIPMENT IS TO BE RELOCATED, CONTRACTOR SHALL EXTEND EXISTING CIRCUITING TO NEW LOCATION. ENSURE CIRCUIT CONTINUITY FOR OTHER DEVICES OR EQUIPMENT ON THE SAME BRANCH CIRCUIT.
- WHERE FLOORS ARE BEING REMOVED AND/OR REPLACED, CONTRACTOR SHALL PROTECT ELECTRICAL FEEDERS AND BRANCH CIRCUITS WHICH ARE EITHER TO REMAIN PERMANENTLY OR UNTIL DEMOLITION IN FUTURE PHASING WHILE STRUCTURAL WORK IS PERFORMED. PROVIDE ALL NECESSARY LABOR AND MATERIALS TO PERFORM WORK AS COORDINATED WITH THE CONSTRUCTION MANAGER.
- ANY FIRE ALARM DEVICE(S) REMOVED DURING DEMOLITION ARE REQUIRED TO BE RELOCATED IN THE LOCATION NECESSARY TO PROVIDE COVERAGE PER NFPA 72, AND CIRCUITED SAME AS BEFORE. FIRE ALARM DEVICE(S) ARE NOT ALLOWED TO BE LOCATED CENTER OF ANY ROOM OR SPACE. IF MORE FIRE ALARM DEVICES ARE REQUIRED CONTRACTOR SHALL PROVIDE THEM COMPLETELY. REFER TO SHEET E401 FOR MORE INFORMATION.
- PROVIDE BLANK COVERPLATE ON ALL EXISTING BOXES LOCATED IN MASONRY THAT ARE NOT BEING RE-USED. PROVIDE SS BLANK COVERPLATE ON ALL UNUSED BOXES DEVICES NOTED WITH SUBSCRIPT 'E' DENOTES THE DEVICES ARE EXISTING AND TO BE PROTECTED DURING CONSTRUCTION.

SHEET KEYNOTES

- NO ANTICIPATED CONSTRUCTION IN AREA, UNLESS OTHERWISE NOTED. PROTECT EXISTING ELECTRICAL APPARATUS AND ELECTRIFIED EQUIPMENT FOR EXISTING FACILITIES AS REQUIRED. RELOCATE, REWIRE, AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- EXISTING UNDERGROUND UTILITY FIBER FEED AND EXTERIOR JUNCTION BOX. PROTECT BOTH UNDERGROUND FEED AND JUNCTION BOX DURING CONSTRUCTION. RISER AND JUNCTION BOX TO REMAIN ON WALL DURING AND AFTER FINAL CONSTRUCTION. TEMPORARILY RELOCATE AS NEEDED FOR NEW CONSTRUCTION. PAINT ASSEMBLY TO MATCH NEW ARCHITECTURAL WALLS.
- EXISTING SECURITY CAMERA TO BE RELOCATED TO NEW EXTERIOR WALL. REMOVE CAMERA AND EXISTING CABLING DURING DEMOLITION. PROTECT CAMERA AS REQUIRED. REFER TO E401 SYSTEMS FLOOR PLAN FOR NEW LOCATION AND REQUIREMENTS.
- REMOVE EXISTING LIGHT FIXTURES AS SHOWN. REMOVE ALL CONDUIT, BOXES AND WIRE THAT ARE NOT BEING RE-USED BACK TO SOURCE. LABEL APPROPRIATELY, AND RETURN TO OWNER, OR PROPERLY DISPOSE OF FIXTURES THAT THE OWNER CHOOSES NOT TO KEEP.
- REMOVE EXISTING DEVICES AS SHOWN. PULL BACK, COIL AND MAINTAIN CIRCUIT INTEGRITY OF THE BRANCH AND DATA CIRCUIT. CIRCUITS TO BE REWORKED AND RELOCATED TO NEW DEVICE AND WALL. REFER TO E301 SYSTEMS FLOOR PLAN FOR NEW LOCATION AND REQUIREMENTS.
- EXISTING LIGHT FIXTURES TO BE REMOVED FOR REMOVAL OF CEILING SYSTEM AND RELOCATED. MAINTAIN EXISTING LIGHTING CIRCUITRY AS REQUIRED. RE-INSTALL ONCE NEW CEILING ARE INSTALLED. EXTEND CONDUIT WIRE AND INSTALL AS SHOWN ON DRAWING E201.
- EXISTING FIRE ALARM DEVICE TO BE REMOVED FOR REMOVAL OF CEILING SYSTEM. RE-INSTALL ONCE NEW CEILING IS INSTALLED. EXTEND CONDUIT WIRE AND INSTALL AS SHOWN ON DRAWING E401.
- EXISTING FIRE ALARM DEVICE TO BE REMOVED FOR REMOVAL OF CEILING SYSTEM. RE-INSTALL ONCE NEW CEILING IS INSTALLED. EXTEND CONDUIT WIRE AND INSTALL AS SHOWN ON DRAWING E401.
- EXISTING CARD READER TO BE REMOVED AND RELOCATED TO NEW WALL. EXTEND CONDUIT WIRE AND INSTALL AS SHOWN ON DRAWING E401.
- EXISTING ELECTRICAL FIXTURES OR APPARATUS TO BE REMOVED OR RELOCATED AS NEEDED FOR CONSTRUCTION. RE-INSTALL ONCE NEW CEILING IS INSTALLED. EXTEND CONDUIT WIRE AND INSTALL REQUIRED.
- EXISTING LIGHT FIXTURE TO REMAIN. CURRENTLY CIRCUITED TO NORMAL POWER BASED UPON RECORD DRAWINGS. CONTRACTOR TO REWORK AND REWIRE FIXTURE(S) TO EXISTING EXTERIOR EMERGENCY CIRCUIT.
- REMOVE EXISTING LIGHT FIXTURES AS REQUIRED FOR CONSTRUCTION OF NEW REPAIR SHOP. REWORK AND MAINTAIN CIRCUITRY OF REMAINING LIGHT FIXTURES.

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

 <p>23.0207H PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 799-3300 cma@curtisminer.com</p>	<p>DATE: DECEMBER 23, 2021</p> <p>PROJECT #: 21441</p> <p>PROJ. MAN.: DB</p> <p>CHECKED BY: BS</p>
	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2017 CURTIS MINER ARCHITECTURE, LLC</p>
<p>PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL</p> <p>PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601</p> <p>OWNER: </p>	
<p>SHEET DESCRIPTION: OVERALL DEMOLITION FLOOR PLAN</p>	
<p>SHEET: E110</p>	



OVERALL DEMOLITION FLOOR PLAN
SCALE = 1/8" = 1'-0"

BIM 3807/21-070 PCSD Technology A&R/21.441 PCSD Technology A&R ELEC v21_old.rvt
12/22/2021 11:16:09 PM

1

2

3

4

5

6

A

B

C

D

E

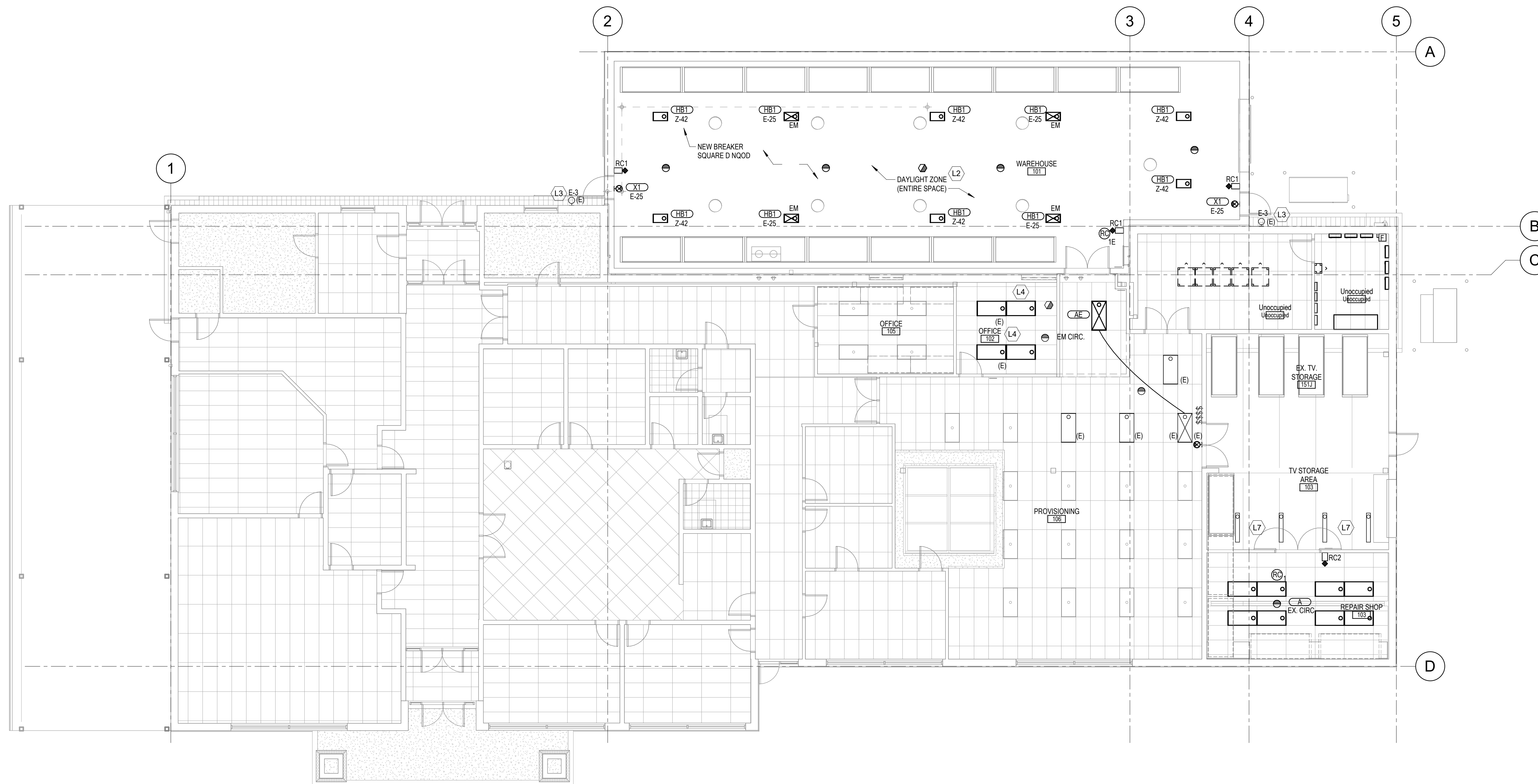
MARK	REVISION	DATE

LIGHTING GENERAL SHEET NOTES

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL FIXTURE LOCATIONS WITHIN A CEILING OR CEILING GRID. FOR AREAS WITHOUT CEILINGS, FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN, CENTER, OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS. CONTRACTOR TO PAINT EXPOSED RACEWAY TO MATCH ADJACENT SURFACES.
- ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF FIXTURES WITHIN MECHANICAL ROOMS.
- ALL ROOM CONTROLLERS AND/OR POWER PACKS SHALL BE INSTALLED IN THE CEILING SPACE DIRECTLY ABOVE THE ENTRY DOOR TO THE SPACE IT IS CONTROLLING.
- SEE CORRESPONDING LIGHTING DIAGRAMS FOR GENERAL INSTALLATION REQUIREMENTS, CONNECTIONS, AND CABLE TYPES.
- PROVIDE UNSWITCHED NORMAL CIRCUIT HOT LEG TO ALL EMERGENCY POWER CONTROL DEVICES FOR PROPER POWER SENSING.
- PROVIDE UNSWITCHED HOT AHEAD OF RELAY, OCCUPANCY SENSOR, OR SWITCH TO ALL EXIT SIGNS.
- IF SHOWN, SUBSCRIPT NEAR LIGHT FIXTURES INDICATES CONTROL INTENT. PROVIDE LIGHTING CONTROLLERS WITH THE REQUIRED NUMBER OF RELAYS/DIMMERS.
- PROVIDE ADDITIONAL RELAYS/DIMMERS FOR DAYLIGHT ZONES AS NEEDED. PROVIDE 0-10V DIMMING FOR ALL AREAS AND/OR ROOMS WHERE 0-10V DIMMING IS INDICATED BY THE WALLSTATION CONTROL SEQUENCE AND OR BY TYPE OF CONTROL INTERFACE SHOWN.
- CAREFULLY COORDINATE FIXTURE PLACEMENT RACKING SYSTEM. FIXTURES SHALL BE MOUNTED AT THE SAME ELEVATION AS STEEL TRUSSES. COORDINATE WITH ARCHITECTURAL RCP AND DETAILS PRIOR TO ROUGH-IN.
- PROVIDE CONDUIT FROM DEVICE TO DEVICE IN OPEN AND/OR EXPOSED CEILINGS. CEILINGS WITH CLOUDS ARE CONSIDERED OPEN/EXPOSED CEILINGS. NO EXPOSED CABLES SHALL BE SEEN FROM BELOW.

SHEET KEYNOTES

- L2 PROVIDE DAYLIGHT ZONE CONTROL REQUIREMENTS PER IECC-2018 C405.2.3.3. LOCATE DAYLIGHT SENSOR(S) PER MANUFACTURER'S RECOMMENDATION AND WHERE REQUIRED WITHIN THE SPACE FOR PROPER COVERAGE. CONTROL LIGHT FIXTURES WITHIN THE DAYLIGHT ZONE WITH DAYLIGHT SENSOR (PHOTOEYE) AND WIRE THE FIXTURES 0-10V DRIVERS ACCORDINGLY.
- L3 EXISTING LIGHT FIXTURE. REWIRE TO EXISTING EMERGENCY EXTERIOR CIRCUIT AS PREVIOUSLY INDICATED.
- L4 INSTALL EXISTING FIXTURES WITHIN CEILING. REWORK AND WIRE INTO OFFICE LIGHTING CIRCUIT AND CONTROL.
- L7 CONTRACTOR TO ADJUST EXISTING FIXTURE LOCATIONS AS NEEDED.



OVERALL LIGHTING FLOOR PLAN
SCALE = 1/8" = 1'-0"

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

 233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 799-3000 cma@cmaah.com	DATE: DECEMBER 23, 2021 PROJECT #: 21441 PROJ. MAN.: DB CHECKED BY: BS
	<small>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2017 CURTIS MINER ARCHITECTURE, LLC</small>
PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601	OWNER: Provo City School District
SHEET DESCRIPTION: OVERALL LIGHTING FLOOR PLAN	SHEET: E201

1

2

3

4

5

6

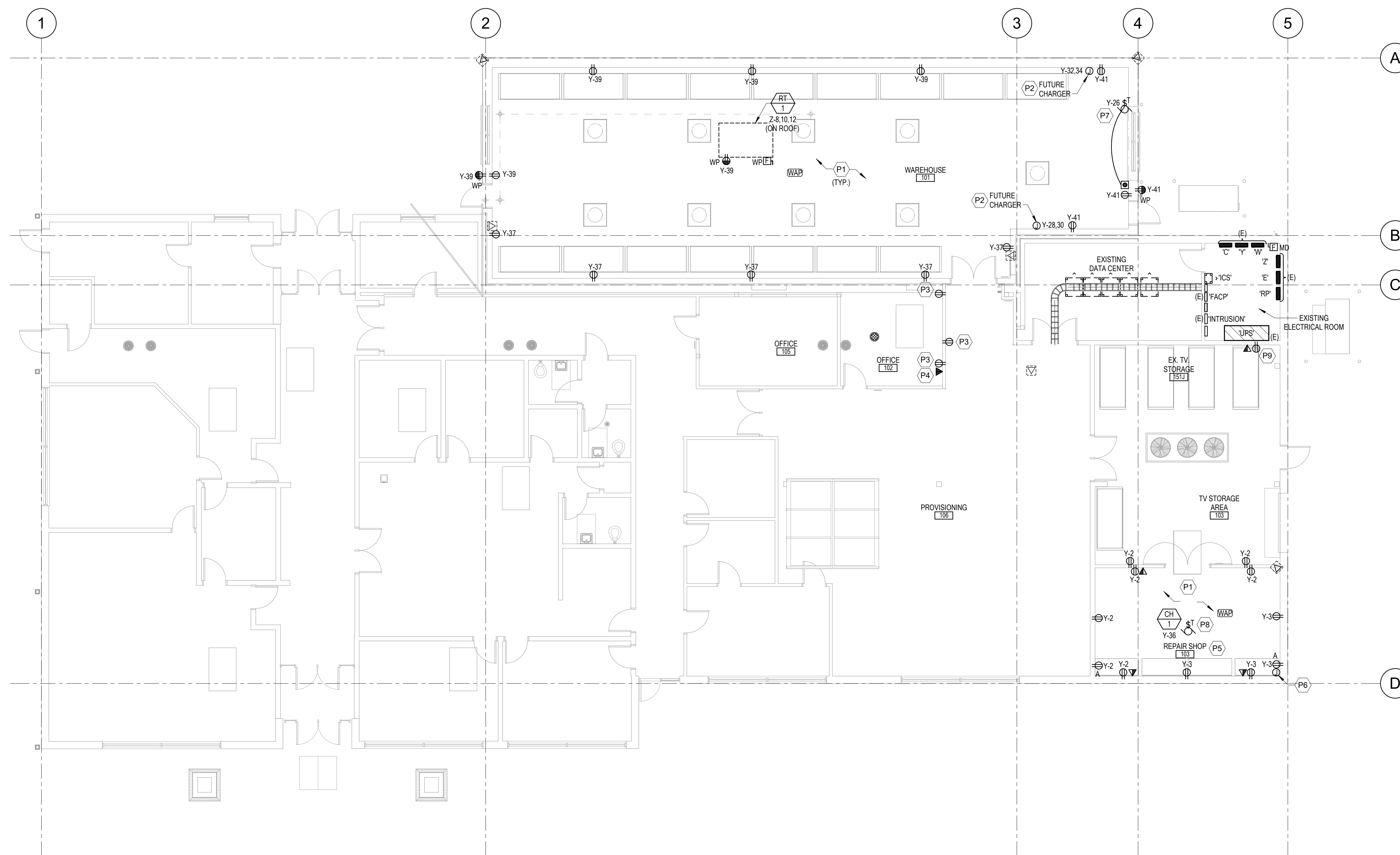
MARK	REVISION	DATE

POWER GENERAL SHEET NOTES

- COORDINATE PLACEMENT OF ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. WHERE DEVICES ARE SHOWN IN SAME WALL SPACE, ALIGN VERTICALLY AND HORIZONTALLY. COORDINATE WITH ARCHITECTURAL DRAWINGS, ATHLETIC SAFETY WALL PADDING AND CABINETRY DRAWINGS.
- ALL THE LOW VOLTAGE WIRE/CABLE FOR LIGHTING SENSORS, AUDIO/VISUAL EQUIPMENT, SOUND AMPLIFICATION, ETC. TO BE ROUTED THROUGH CONDUIT. NO EXPOSED CABLING ALLOWED.
- PROVIDE GFCI PROTECTION ON ALL DEVICES AND EQUIPMENT PER THE NEC REQUIREMENTS. DEVICES SHALL BE READILY ACCESSIBLE. IF ANY OUTLET IS INSTALLED WITHIN 6 FEET OF OUTSIDE EDGE OF SINK, CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE PER NEC, WHETHER SHOWN OR NOT.
- ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
- CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
- PROVIDE 120V CIRCUIT FROM NEAREST PROVIDED CIRCUIT FOR FIRE/SMOKE DAMPER RELAYS. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRE/SMOKE DAMPERS SHOWN ON DIVISION 23 DRAWINGS. ALL FIRE/SMOKE DAMPERS SHALL HAVE A MANUAL OVERRIDE SWITCH. PROVIDE DUCT DETECTOR WITHIN 5 FEET OF EACH FIRE/SMOKE DAMPER.
- CONTRACTOR TO COORDINATE ALL LOCATIONS OF FIRE/SMOKE AND SMOKE DAMPERS WITH MECHANICAL CONTRACTOR. CONTRACTOR TO PROVIDE POWER, MONITOR MODULES, AND RELAYS AS REQUIRED FOR A COMPLETE SYSTEM.
- DIVISION-26 IS RESPONSIBLE TO PROVIDE CONDUIT AND ROUGH-IN FOR ALL THERMOSTAT CONTROLS LOCATED WITHIN WALLS. COORDINATE WITH THE CONTROLS CONTRACTOR AND VERIFY EXACT LOCATION OF ALL THERMOSTATS.
- ROUTE NEW DATA CABLES TO DATA CENTER. TERMINATE NEW CABLES AT PATCH PANELS PER OURS REQUIREMENTS.

SHEET KEYNOTES

- PROVIDE NEW ELECTRICAL DEVICE AND CIRCUITS/TERMINATIONS AS SHOWN. TERMINATE NEW CIRCUITS ON EXISTING SPARE 20A BREAKERS. PROVIDE NEW BREAKERS AS NEEDED.
- PROVIDE 4 1 1/16" DEEP SQUARE JUNCTION BOX WITH 1 1/2" EXTENSION WITH DOUBLE GANG MUDRING AND SS BLANK COVER PLATE. ROUTE (1) 1" CONDUIT BACK TO EXISTING PANELBOARD Y. PROVIDE PULL-STRING AND LABEL "FUTURE CHARGER".
- PROVIDE NEW DEVICES AS SHOWN. WIRE TO EXISTING RECEPTACLE CIRCUIT PREVIOUSLY FEEDING OFFICE.
- PROVIDE NEW DATA OUTLET AS SHOWN. RE-WORK AND TERMINATE EXISTING DATA CABLES PREVIOUSLY FEEDING OFFICE AT NEW OUTLET AS REQUIRED.
- ELECTRICAL TO VERIFY EQUIPMENT AND DEVICE LOCATIONS THROUGHOUT THE REPAIR SHOP WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. MAKE ADJUSTMENTS TO LOCATIONS, HEIGHTS, AND UPDATED ELECTRICAL INFRASTRUCTURE AS REQUIRED.
- PROVIDE PATHWAY JUNCTION BOX, GROMMET PASS-THROUGH PLATE AND 1-1/4" CONDUIT UP TO ACCESSIBLE CEILING FOR FUTURE SOUND AMPLIFICATION SYSTEM. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE ELECTRICAL CONNECTIONS TO OVERHEAD DOOR ASSEMBLY AS REQUIRED. LOCATE AND TERMINATE COMPLETELY THE DOOR CONTROLLER E.G. SWITCHES, TRANSFORMERS, TERMINAL BLOCK, # OF WIRES, ETC. PER MANUFACTURER'S RECOMMENDATIONS. VERIFY VOLTAGE AND NAMEPLATE POWER REQUIREMENTS PRIOR TO ROUGH-IN.
- PROVIDE ELECTRICAL CONNECTIONS TO OVERHEAD CHAIN HOIST AS REQUIRED. LOCATE AND TERMINATE COMPLETELY THE CHAIN HOIST CONTROLLER E.G. SWITCHES, TRANSFORMERS, TERMINAL BLOCK, # OF WIRES, ETC. PER MANUFACTURER'S RECOMMENDATIONS. VERIFY VOLTAGE AND NAMEPLATE POWER REQUIREMENTS PRIOR TO ROUGH-IN.
- PROVIDE NEW RECEPTACLE AS SHOWN. WIRE CIRCUIT TO NEAREST 120V RECEPTACLE CIRCUIT.



OVERALL POWER FLOOR PLAN
SCALE = 1/8" = 1'-0"

THESE DRAWINGS ARE INTENDED
TO BE VIEWED IN COLOR

	233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 799-3300 cma@curtisminer.com	DATE: DECEMBER 23, 2021 PROJECT #: 21441 PROJ. MAN: DB CHECKED BY: BS
	THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. ©2017 CURTIS MINER ARCHITECTURE, LLC	
PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL	OWNER: 	
PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601	SHEET DESCRIPTION: OVERALL POWER FLOOR PLAN	SHEET: E301

MARK	REVISION	DATE

EXISTING SYSTEMS INFORMATION AND VENDOR CONTRACTS (INCLUDE WITHIN BID)

BIDDING DIVISION 26 CONTRACTOR RESPONSIBLE FOR EXPANDING EXISTING SYSTEMS FOR NEW WAREHOUSE EXPANSION. PROVIDE A TURN-KEY SOLUTION AND BUILD-OUT FOR ALL IMPACTED SYSTEMS I.E. FIRE ALARM, ACCESS CONTROL, AND INTRUSION.

FIRE ALARM SYSTEM - EXISTING EST IO SERIES

COMPANY: StateFire Sales & Service
 CONTACT: Kyle A. Arigot - Regional Sales Manager
 CELL PHONE NO.: 801-707-0796
 OFFICE PHONE NO.: 801-288-2100
 EMAIL: karigot@statefire.com

EXTEND EXISTING FIRE ALARM INITIATION/NOTIFICATION CIRCUITS TO ACCOMMODATE NEW FIRE ALARM DEVICES AS REQUIRED. MATCH SYSTEM WIRING.

ACCESS CONTROL SYSTEM - EXISTING ISONAS SYSTEM

COMPANY: Tri-Phase Electric
 CONTACT: Mike Jensen - VP of Operations
 OFFICE PHONE NO.: 801-756-6008

PROVIDE CARD READERS AND ACCESS CONTROL CIRCUITS AS REQUIRED.

INTRUSION SYSTEM - EXISTING DSC PANEL

COMPANY: Mountain West Security Systems
 OFFICE PHONE NO.: 801-226-6787

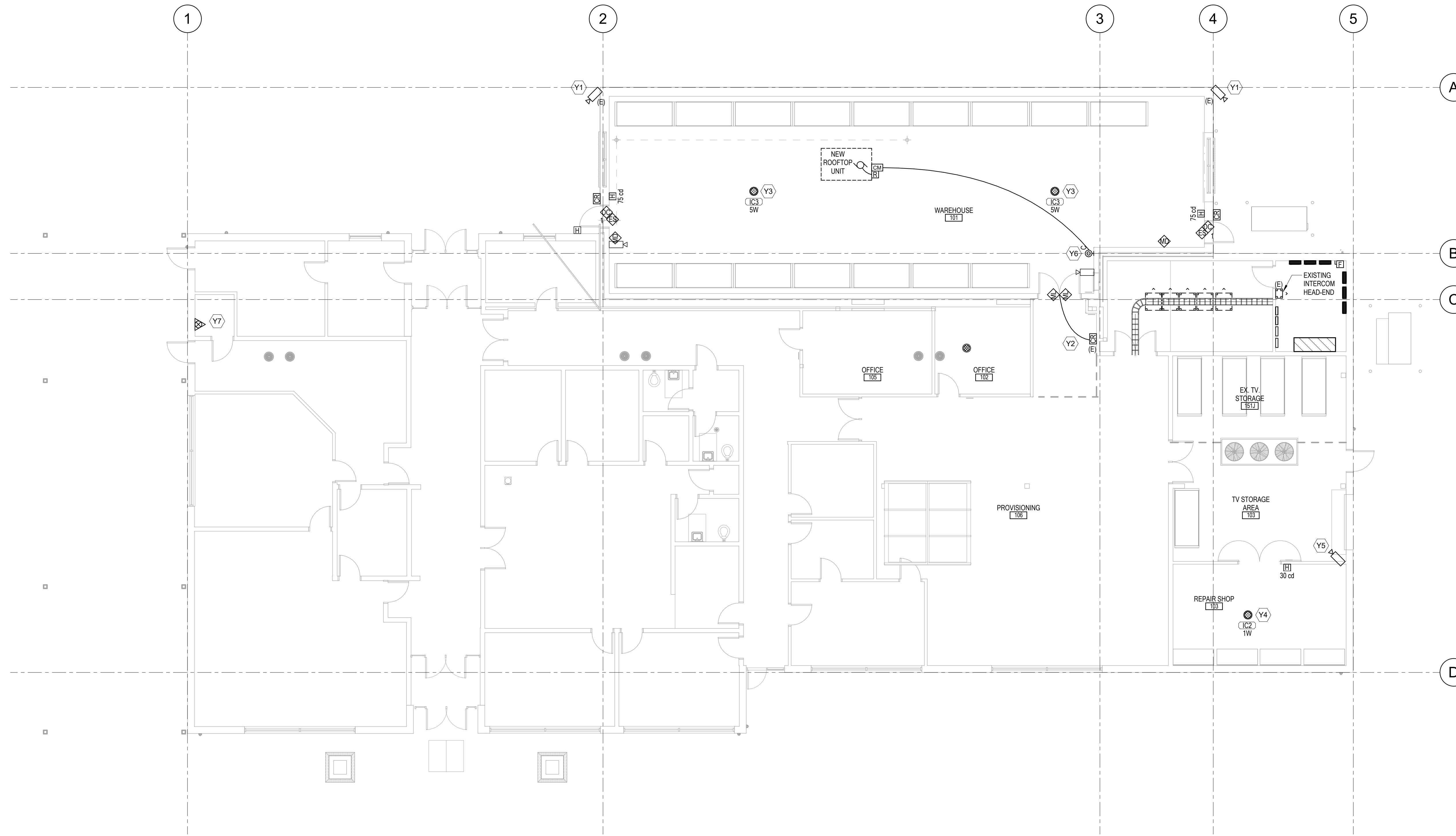
PROVIDE NEW INTRUSION DEVICES E.G. DOOR CONTACTS, MOTION DETECTORS, ETC. AND CIRCUITS TO EXISTING PANEL. PROVIDE NEW MODULE CARDS AS REQUIRED.

SYSTEM GENERAL NOTES

- PROVIDE #14 AWG MINIMUM WIRING FOR ALL SIGNAL AND INITIATION DEVICES.
- ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR AND PARALLEL TO BUILDING LINES. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH OWNER'S REP PRIOR TO INSTALLATION. NO ADDITIONAL COST TO THE OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO LACK OF COORDINATION WITH THE OWNER'S REP.
- ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN POURED CONCRETE, PRE-CAST CONCRETE, MASONRY AND GYP WALLS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT QUANTITY AND LOCATIONS OF ALL FIRE SPRINKLER SYSTEM TAMPERS AND FLOW SWITCHES WITH FIRE SPRINKLER DRAWINGS. CONNECT ALL TAMPER AND FLOW SWITCHES TO FIRE ALARM SYSTEM.
- CONTRACTOR SHALL COORDINATE EXACT LOCATION AND QUANTITY OF ALL DUCT TYPE SMOKE DETECTORS WITH MECHANICAL CONTRACTOR. HARD WIRE TO RELAY STARTER.
- DEVICES INDICATED ON FIRE ALARM ONE-LINE ARE FOR REFERENCE ONLY. REFER TO PLAN DRAWINGS AND SPECIFICATIONS FOR QUANTITIES. REFER TO ARCHITECTURAL DOOR SCHEDULE FOR MAGNETIC DOOR HOLDER AND BLOW OPEN DOOR REQUIREMENTS.
- ALL VISUAL DEVICES SHALL BE SYNCHRONIZED WITHIN THE BUILDING REGARDLESS OF PROJECT SCOPE BOUNDARIES.
- PROVIDE FIRE ALARM RELAY MODULES FOR ALL DOORS WITH ACCESS CONTROL DEVICES.
- PROVIDE (2) DUCT TYPE SMOKE DETECTOR FOR EACH FAN COIL UNIT, AHU, SUPPLY FAN AND HEAT PUMP OF 2000 CFM OR GREATER.
- FIRE ALARM DEVICES SHOWN ARE FOR REFERENCE ONLY AND BASED UPON A PERFORMANCE SPECIFICATION. ALL NEW EQUIPMENT/DEVICE QUANTITIES, LOCATION, AND ALL NATIONAL & LOCAL CODE COMPLIANCE TO BE PROVIDED AND STAMPED BY A LICENSED FIRE ALARM ENGINEER AND INCLUDED IN THE FIRE ALARM CONTRACTORS BID. IN NO WAY ARE THE DEVICES SHOWN ON THESE DRAWINGS TO BE IMPLEMENTED AS FINAL DESIGN DOCUMENTS.
- PROVIDE 120V CIRCUIT FROM THE NEAREST EQUIPMENT BRANCH PANELBOARD FOR FIRE/SMOKE DAMPER RELAYS. PROVIDE FIRE ALARM MODULES AND RELAYS AS NECESSARY FOR ALL FIRE/SMOKE DAMPERS SHOWN ON DIVISION 23 DRAWINGS. ALL FIRE/SMOKE DAMPERS SHALL HAVE A MANUAL OVERRIDE SWITCH. PROVIDE DUCT DETECTOR WITHIN 5'-0" OF EACH FIRE/SMOKE DAMPER. REFER TO DIAGRAM D012 ON SHEET E400.

SHEET KEYNOTES

- INSTALL EXISTING CAMERA REMOVED DURING DEMOLITION ON CORNER OF BUILDING AS SHOWN.
- INSTALL EXISTING CARD READER REMOVED DURING DEMOLITION ON EXISTING WALL AS SHOWN.
- PROVIDE NEW INTERCOM LOUDSPEAKER MOUNTED BETWEEN JOIST. PROVIDE 18/2 WIRE AND ROUTE CONDUIT BACK TO INTERCOM HEAD-END AND TERMINATE CIRCUIT INTO 70V OUTPUT. TAP SPEAKER AT 5 WATTS. a. QUAM - CS/BU/W b. QUAM - ERD-8.
- PROVIDE NEW INTERCOM LOUDSPEAKER MOUNTED IN ACT CEILING TILE. PROVIDE 18/2 WIRE AND ROUTE CONDUIT BACK TO INTERCOM HEAD-END AND TERMINATE CIRCUIT INTO 70V OUTPUT. TAP SPEAKER AT 5 WATT. a. QUAM - CS/BU/W b. QUAM - ERD-8 c. QUAM - SSB-7.
- INSTALL EXISTING CAMERA AT NEW LOCATION AS SHOWN.
- PROVIDE WALL MOUNTED CO DETECTORS, MODULE AND FAN RELAY FOR NEW RT-1 UNIT. SHUT DOWN ALL SUPPLY AND RETURN FANS UPON A GENERAL ALARM SIGNAL. TIE NEW DEVICES INTO EXISTING INITIATION FIRE ALARM CIRCUIT.
- EXISTING RISER LOCATION. ADD NEW MODULES AND PROVIDE CIRCUITRY FOR NEW SPRINKLER RISER CONNECTIONS AS REQUIRED.



OVERALL SYSTEMS FLOOR PLAN
SCALE = 1/8" = 1'-0"

THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

 233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 799-3300 cma@curmin.com	DATE: DECEMBER 23, 2021 PROJECT #: 21441 PROJ. MAN.: DB CHECKED BY: BS
	PROJECT: PCSD TECHNOLOGY ADDITION & REMODEL PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601
SHEET DESCRIPTION: OVERALL SYSTEMS FLOOR PLAN	
SHEET: E401	

MARK	REVISION	DATE

GENERAL SHEET NOTES

- PROVIDE EQUIPMENT LABELING PER SPECIFICATIONS 26 0553. THE LABEL SHALL IDENTIFY THE DEVICE OR EQUIPMENT WHERE THE POWER SUPPLY ORIGINATES, AND THE SYSTEM VOLTAGE, PHASE OR LINE AND SYSTEM AT TALL TERMINATION CONNECTION, AND SPICE POINTS. FOR EXAMPLE: FEEDER POWER SUPPLY FOR PANEL "XX" ORIGINATES AT PANEL "XX" (OR SWITCHBOARD "XX", TRANSFORMER "XX", SWITCH "XX", ETC.); 120/208 VOLTS, 3-PHASE, PHASE COLOR IDENTIFICATION (OR 120/240, 277/480, ETC.).
- PROVIDE TYPED PANELBOARD INDEXES AS EACH PANELBOARD. FILL OUT PANELBOARD'S CIRCUIT DIRECTORY CARD UPON COMPLETION OF INSTALLATION WORK. UTILIZE ACTUAL FINAL BUILDING ROOM NUMBERS, NOT ARCHITECTURAL NUMBERS USED ON DRAWINGS. IDENTIFY INDIVIDUAL LIGHTING CIRCUITS, INDIVIDUAL RECEPTACLE CIRCUITS BY ROOM NUMBER, LIGHTING CIRCUITS, INDIVIDUAL RECEPTACLE CIRCUITS BY ROOM NUMBERS AND EQUIPMENT NAMES. INCLUDE ROOM NUMBER WITH EQUIPMENT CIRCUIT DESIGNATIONS. ALL DIRECTORIES TO BE TYPEWRITTEN.
- PROVIDE AIC AND ARC-FLASH HAZARD LABELS PER THE SPECIFICATIONS AND NEC.
- ALL MECHANICAL EQUIPMENT BREAKERS TO BE SIZED PER THE MECHANICAL EQUIPMENT SCHEDULE AND KITCHEN EQUIPMENT SCHEDULE.
- COORDINATE WITH EXISTING SYSTEM AND PANELBOARD SCHEDULERS.

PANELBOARD SCHEDULE INDEX

C	E	RP
W	Y	Z

PANELBOARD SCHEDULE

PANEL: C TYPE: Type 1 VOLTS: 120/208 WYE PHASE: 3 WIRES: 4

MOUNTING: SURFACE LOCATION: Space 110 MAINS: MLO
 BUSSING: _____ FED FROM: EXISTING _____ SUBFEED LUGS _____
 _____ ISO GROUND _____
 _____ 200% NEUTRAL _____
 _____ SPD _____

AMP: 225 A

BRANCH BREAKERS															
ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
EXISTING	--	1	--	1	--	--	--	--	--	--	2	--	1	--	EXISTING
EXISTING	--	1	--	3	--	--	--	--	--	--	4	--	1	--	EXISTING
EXISTING	--	1	--	5	--	--	--	--	--	--	6	--	1	--	EXISTING
EXISTING	--	1	--	7	--	--	--	--	--	--	8	--	1	--	EXISTING
EXISTING	--	1	--	9	--	--	--	--	--	--	10	--	1	--	EXISTING
EXISTING	--	1	--	11	--	--	--	--	--	--	12	--	1	--	EXISTING
EXISTING	--	1	--	13	--	--	--	--	--	--	14	--	1	--	EXISTING
EXISTING	--	1	--	15	--	--	--	--	--	--	16	--	1	--	EXISTING
EXISTING	--	1	--	17	--	--	--	--	--	--	18	--	1	--	EXISTING
EXISTING	--	1	--	19	--	--	--	--	--	--	20	--	1	--	EXISTING
EXISTING	--	1	--	21	--	--	--	--	--	--	22	--	1	--	EXISTING
EXISTING	--	1	--	23	--	--	--	--	--	--	24	--	1	--	EXISTING
EXISTING	--	1	--	25	--	--	--	--	--	--	26	--	1	--	EXISTING
EXISTING	--	1	--	27	--	--	--	--	--	--	28	--	1	--	EXISTING
EXISTING	--	1	--	29	--	--	--	--	--	--	30	--	1	--	EXISTING
EXISTING	--	1	--	31	--	--	--	--	--	--	32	--	1	--	EXISTING
EXISTING	--	1	--	33	--	--	--	--	--	--	34	--	1	--	EXISTING
EXISTING	--	1	--	35	--	--	--	--	--	--	36	--	1	--	EXISTING
EXISTING	--	1	--	37	--	--	--	--	--	--	38	--	1	--	EXISTING
EXISTING	--	1	--	39	--	--	--	--	--	--	40	--	1	--	EXISTING
EXISTING	--	1	--	41	--	--	--	--	--	--	42	--	1	--	EXISTING
0 0 0 TOTAL (VA)					0 A 0 A 0 A AMPS/PHASE					CONNECTED LOAD TOTAL					0 VA
AIC RATING _____														AMPS RMS SYSM _____	

NOTES:
 * NEW CIRCUIT AT EXISTING 20 SPARE
 ** NEW CIRCUIT AND BREAKER

PANELBOARD SCHEDULE

PANEL: E TYPE: Type 1 VOLTS: 120/208 WYE PHASE: 3 WIRES: 4

MOUNTING: SURFACE LOCATION: Space 110 MAINS: MLO
 BUSSING: _____ FED FROM: EXISTING _____ SUBFEED LUGS _____
 _____ ISO GROUND _____
 _____ 200% NEUTRAL _____
 _____ SPD _____

AMP: 225 A

BRANCH BREAKERS															
ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
EXISTING	--	1	--	1	--	--	--	--	--	--	2	--	1	--	EXISTING
EXISTING	--	1	--	3	--	--	--	--	--	--	4	--	1	--	EXISTING
EXISTING	--	1	--	5	--	--	--	--	--	--	6	--	1	--	EXISTING
EXISTING	--	1	--	7	--	--	--	--	--	--	8	--	1	--	EXISTING
EXISTING	--	1	--	9	--	--	--	--	--	--	10	--	1	--	EXISTING
EXISTING	--	1	--	11	--	--	--	--	--	--	12	--	1	--	EXISTING
EXISTING	--	1	--	13	--	--	--	--	--	--	14	--	1	--	EXISTING
EXISTING	--	1	--	15	--	--	--	--	--	--	16	--	1	--	EXISTING
EXISTING	--	1	--	17	--	--	--	--	--	--	18	--	1	--	EXISTING
EXISTING	--	1	--	19	--	--	--	--	--	--	20	--	1	--	EXISTING
EXISTING	--	1	--	21	--	--	--	--	--	--	22	--	1	--	EXISTING
EXISTING	--	1	--	23	--	--	--	--	--	--	24	--	1	--	EXISTING
EXISTING	--	1	--	25	--	--	--	--	--	--	26	--	1	--	EXISTING
EXISTING	--	1	--	27	--	--	--	--	--	--	28	--	1	--	EXISTING
EXISTING	--	1	--	29	--	--	--	--	--	--	30	--	1	--	EXISTING
EXISTING	--	1	--	31	--	--	--	--	--	--	32	--	1	--	EXISTING
EXISTING	--	1	--	33	--	--	--	--	--	--	34	--	1	--	EXISTING
EXISTING	--	1	--	35	--	--	--	--	--	--	36	--	1	--	EXISTING
EXISTING	--	1	--	37	--	--	--	--	--	--	38	--	1	--	EXISTING
EXISTING	--	1	--	39	--	--	--	--	--	--	40	--	1	--	EXISTING
EXISTING	--	1	--	41	--	--	--	--	--	--	42	--	1	--	EXISTING
538 18 0 TOTAL (VA)					5 A 0 A 0 A AMPS/PHASE					CONNECTED LOAD TOTAL					556 VA
AIC RATING _____														AMPS RMS SYSM _____	

NOTES: EXISTING GE A-SERIES II PANELBOARD
 * NEW CIRCUIT AT EXISTING 20 SPARE
 ** NEW CIRCUIT AND BREAKER

PANELBOARD SCHEDULE

PANEL: RP TYPE: Type 1 VOLTS: 120/208 WYE PHASE: 3 WIRES: 4

MOUNTING: SURFACE LOCATION: Space 110 MAINS: MLO
 BUSSING: _____ FED FROM: EXISTING _____ SUBFEED LUGS _____
 _____ ISO GROUND _____
 _____ 200% NEUTRAL _____
 _____ SPD _____

AMP: 225 A

BRANCH BREAKERS															
ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
EXISTING	--	1	--	1	--	--	--	--	--	--	2	--	1	--	EXISTING
EXISTING	--	1	--	3	--	--	--	--	--	--	4	--	1	--	EXISTING
EXISTING	--	1	--	5	--	--	--	--	--	--	6	--	1	--	EXISTING
EXISTING	--	1	--	7	--	--	--	--	--	--	8	--	1	--	EXISTING
EXISTING	--	1	--	9	--	--	--	--	--	--	10	--	1	--	EXISTING
EXISTING	--	1	--	11	--	--	--	--	--	--	12	--	1	--	EXISTING
EXISTING	--	1	--	13	--	--	--	--	--	--	14	--	1	--	EXISTING
EXISTING	--	1	--	15	--	--	--	--	--	--	16	--	1	--	EXISTING
EXISTING	--	1	--	17	--	--	--	--	--	--	18	--	1	--	EXISTING
EXISTING	--	1	--	19	--	--	--	--	--	--	20	--	1	--	EXISTING
EXISTING	--	1	--	21	--	--	--	--	--	--	22	--	1	--	EXISTING
EXISTING	--	1	--	23	--	--	--	--	--	--	24	--	1	--	EXISTING
EXISTING	--	1	--	25	--	--	--	--	--	--	26	--	1	--	EXISTING
EXISTING	--	1	--	27	--	--	--	--	--	--	28	--	1	--	EXISTING
EXISTING	--	1	--	29	--	--	--	--	--	--	30	--	1	--	EXISTING
EXISTING	--	1	--	31	--	--	--	--	--	--	32	--	1	--	EXISTING
EXISTING	--	1	--	33	--	--	--	--	--	--	34	--	1	--	EXISTING
EXISTING	--	1	--	35	--	--	--	--	--	--	36	--	1	--	EXISTING
EXISTING	--	1	--	37	--	--	--	--	--	--	38	--	1	--	EXISTING
EXISTING	--	1	--	39	--	--	--	--	--	--	40	--	1	--	EXISTING
EXISTING	--	1	--	41	--	--	--	--	--	--	42	--	1	--	EXISTING
0 0 0 TOTAL (VA)					0 A 0 A 0 A AMPS/PHASE					CONNECTED LOAD TOTAL					0 VA
AIC RATING _____														AMPS RMS SYSM _____	

NOTES:
 * NEW CIRCUIT AT EXISTING 20 SPARE
 ** NEW CIRCUIT AND BREAKER

PANELBOARD SCHEDULE

PANEL: W TYPE: Type 1 VOLTS: 120/208 WYE PHASE: 3 WIRES: 4

MOUNTING: SURFACE LOCATION: Space 110 MAINS: MLO
 BUSSING: _____ FED FROM: EXISTING _____ SUBFEED LUGS _____
 _____ ISO GROUND _____
 _____ 200% NEUTRAL _____
 _____ SPD _____

AMP: 225 A

BRANCH BREAKERS															
ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
EXISTING	--	1	--	1	--	--	--	--	--	--	2	--	1	--	EXISTING
EXISTING	--	1	--	3	--	--	--	--	--	--	4	--	1	--	EXISTING
EXISTING	--	1	--	5	--	--	--	--	--	--	6	--	1	--	EXISTING
EXISTING	--	1	--	7	--	--	--	--	--	--	8	--	1	--	EXISTING
EXISTING	--	1	--	9	--	--	--	--	--	--	10	--	1	--	EXISTING
EXISTING	--	1	--	11	--	--	--	--	--	--	12	--	1	--	EXISTING
EXISTING	--	1	--	13	--	--	--	--	--	--	14	--	1	--	EXISTING
EXISTING	--	1	--	15	--	--	--	--	--	--	16	--	1	--	EXISTING
EXISTING	--	1	--	17	--	--	--	--	--	--	18	--	1	--	EXISTING
EXISTING	--	1	--	19	--	--	--	--	--	--	20	--	1	--	EXISTING
EXISTING	--	1	--	21	--	--	--	--	--	--	22	--	1	--	EXISTING
EXISTING	--	1	--	23	--	--	--	--	--	--	24	--	1	--	EXISTING
EXISTING	--	1	--	25	--	--	--	--	--	--	26	--	1	--	EXISTING
EXISTING	--	1	--	27	--	--	--	--	--	--	28	--	1	--	EXISTING
EXISTING	--	1	--	29	--	--	--	--	--	--	30	--	1	--	EXISTING
EXISTING	--	1	--	31	--	--	--	--	--	--	32	--	1	--	EXISTING
EXISTING	--	1	--	33	--	--	--	--	--	--	34	--	1	--	EXISTING
EXISTING	--	1	--	35	--	--	--	--	--	--	36	--	1	--	EXISTING
EXISTING	--	1	--	37	--	--	--	--	--	--	38	--	1	--	EXISTING
EXISTING	--	1	--	39	--	--	--	--	--	--	40	--	1	--	EXISTING
EXISTING	--	1	--	41	--	--	--	--	--	--	42	--	1	--	EXISTING
0 0 0 TOTAL (VA)					0 A 0 A 0 A AMPS/PHASE					CONNECTED LOAD TOTAL					0 VA
AIC RATING _____														AMPS RMS SYSM _____	

NOTES:
 * NEW CIRCUIT AT EXISTING 20 SPARE
 ** NEW CIRCUIT AND BREAKER

PANELBOARD SCHEDULE

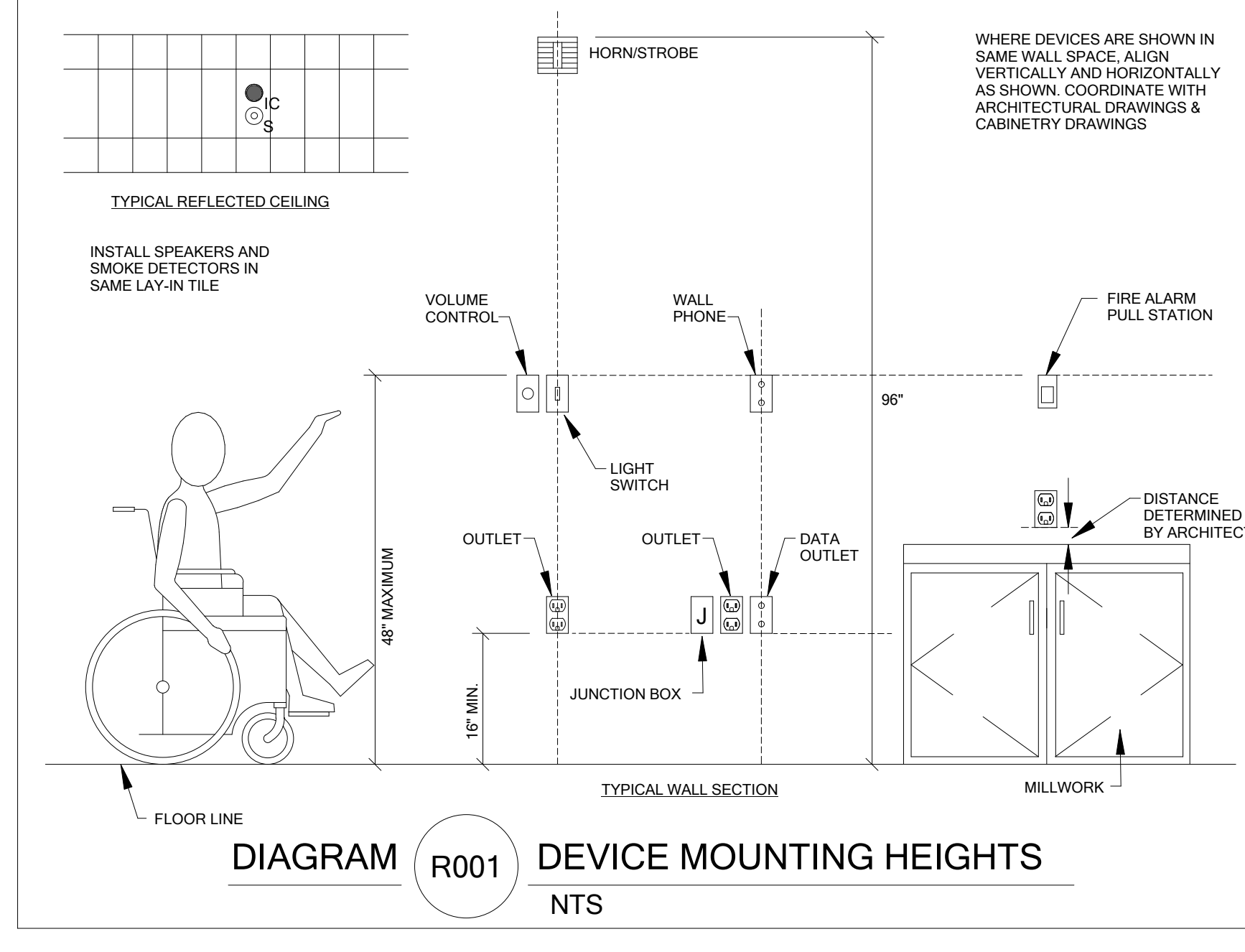
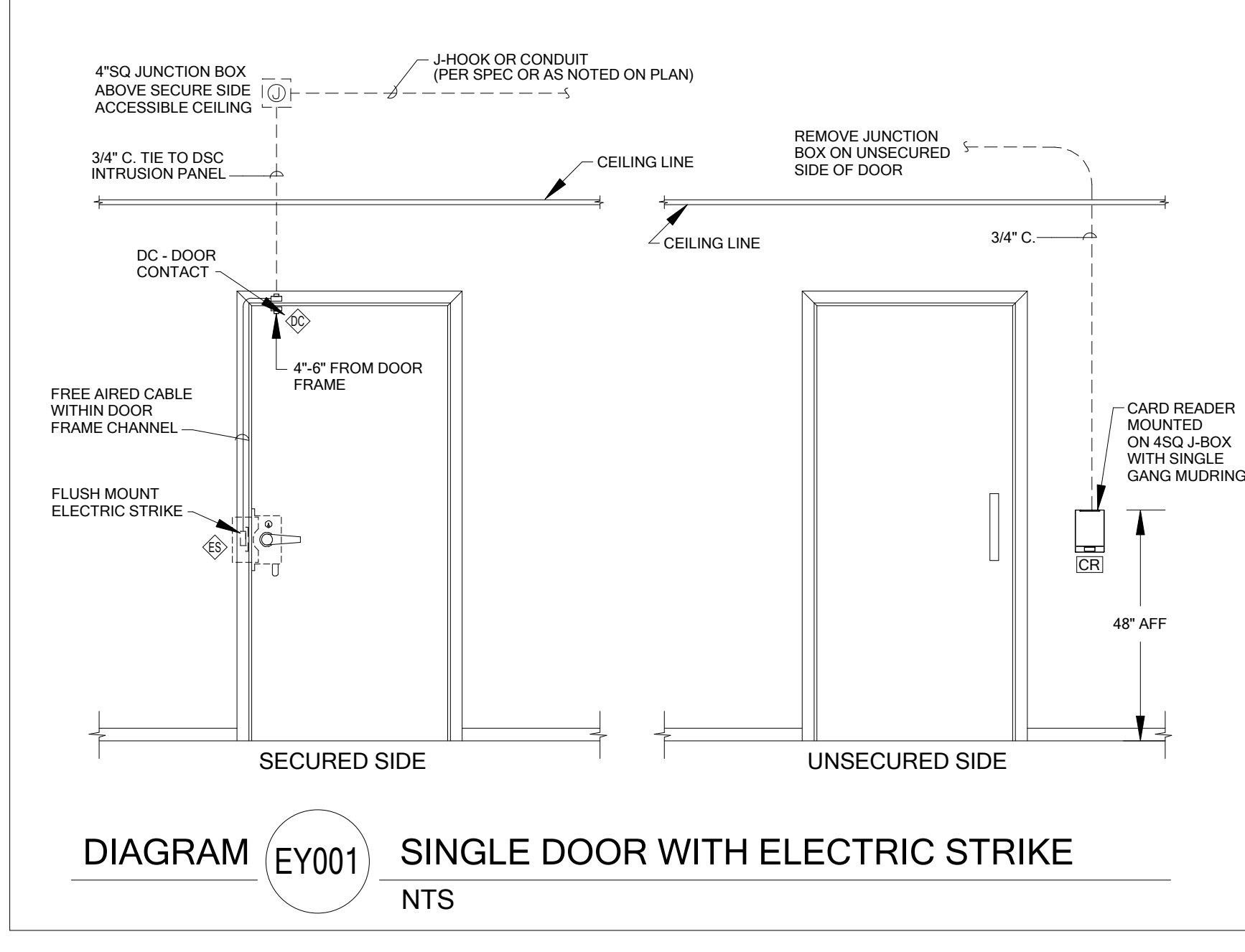
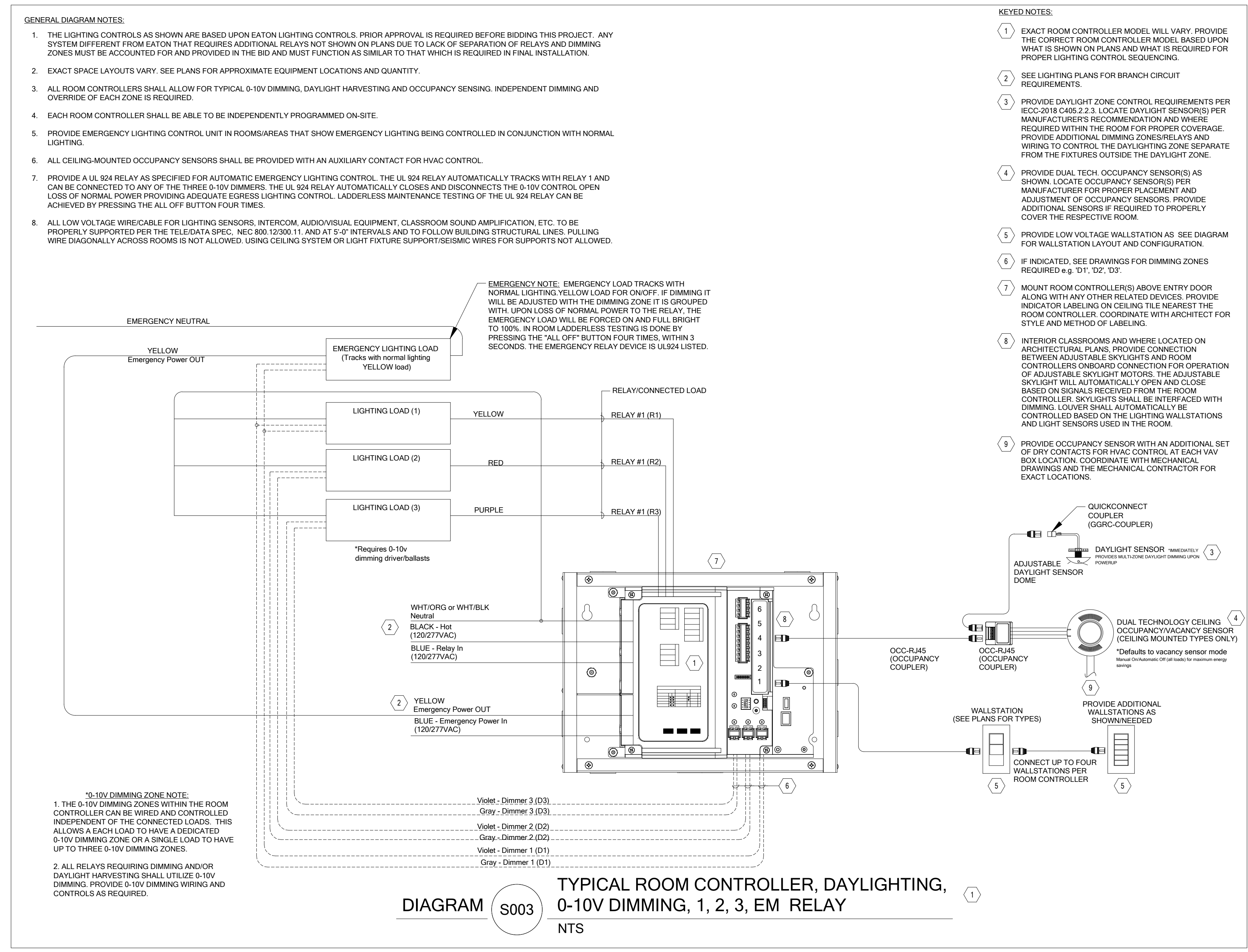
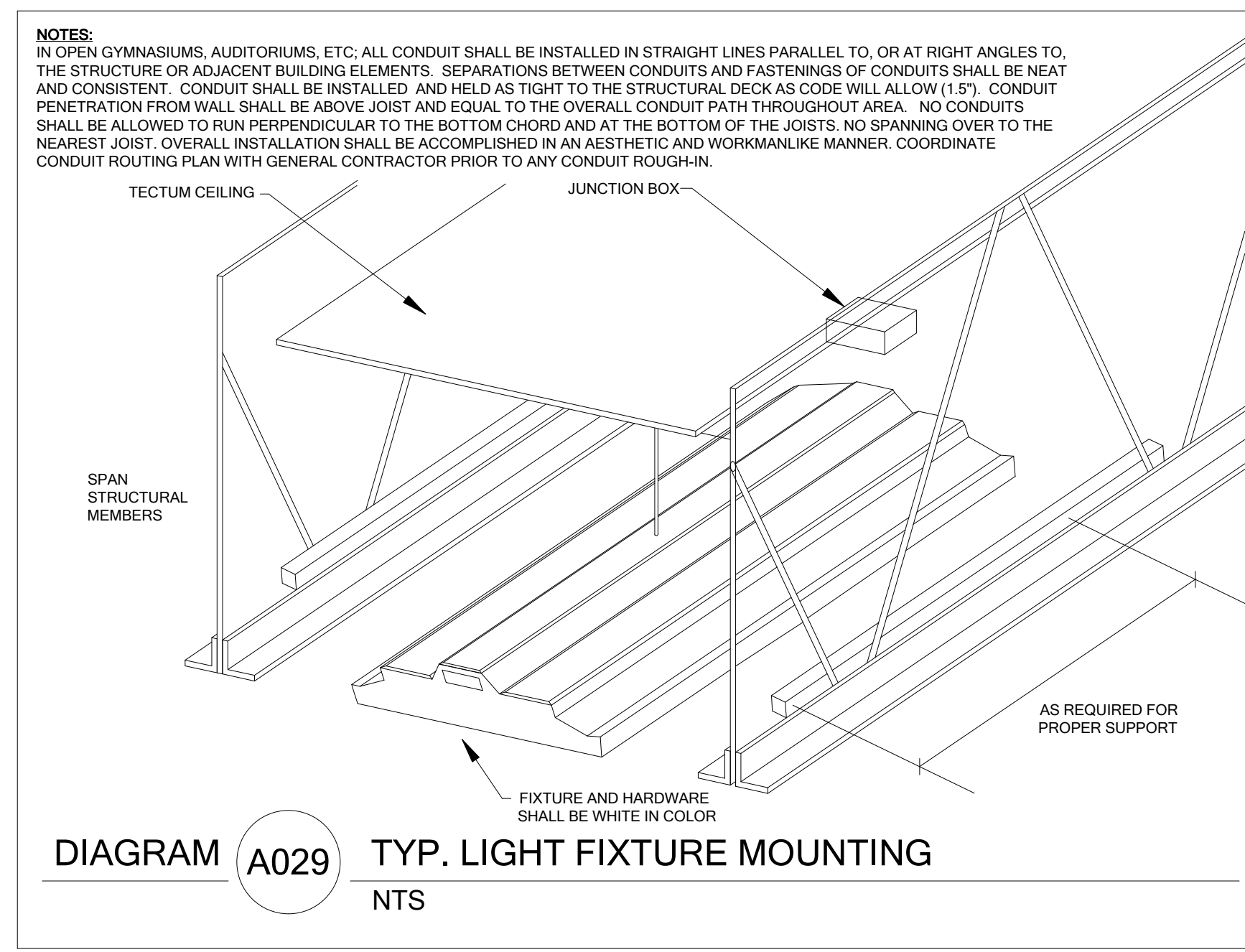
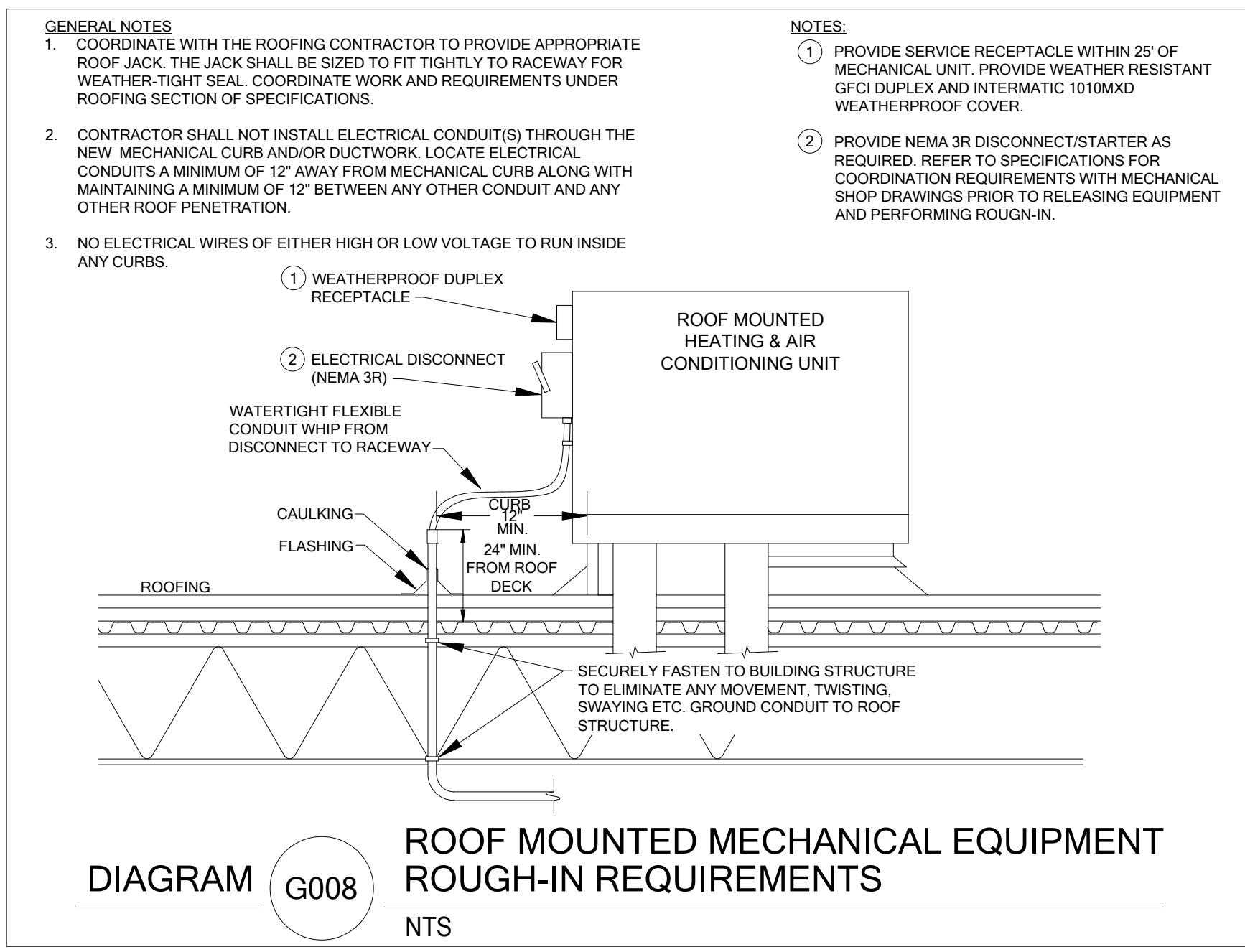
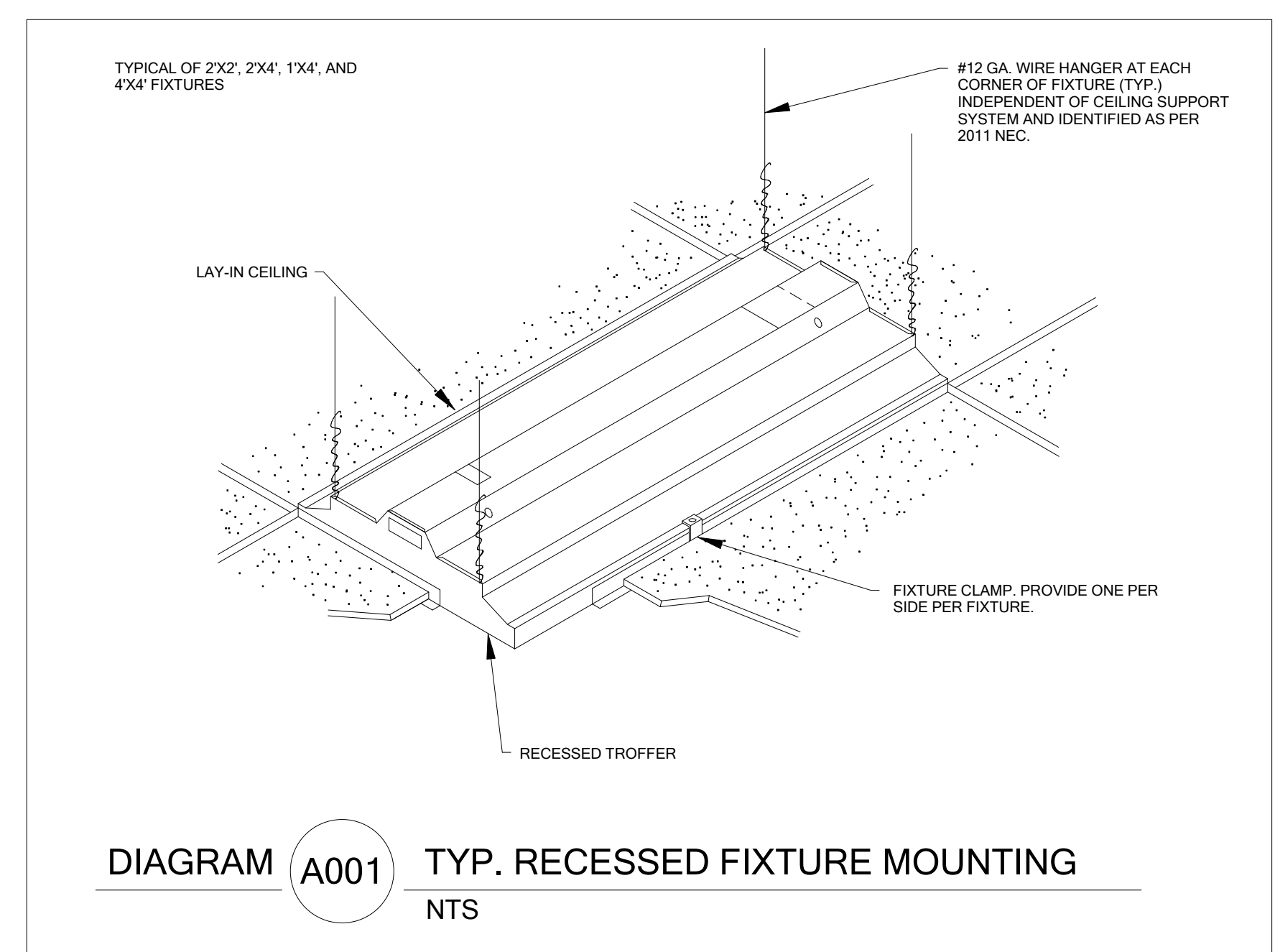
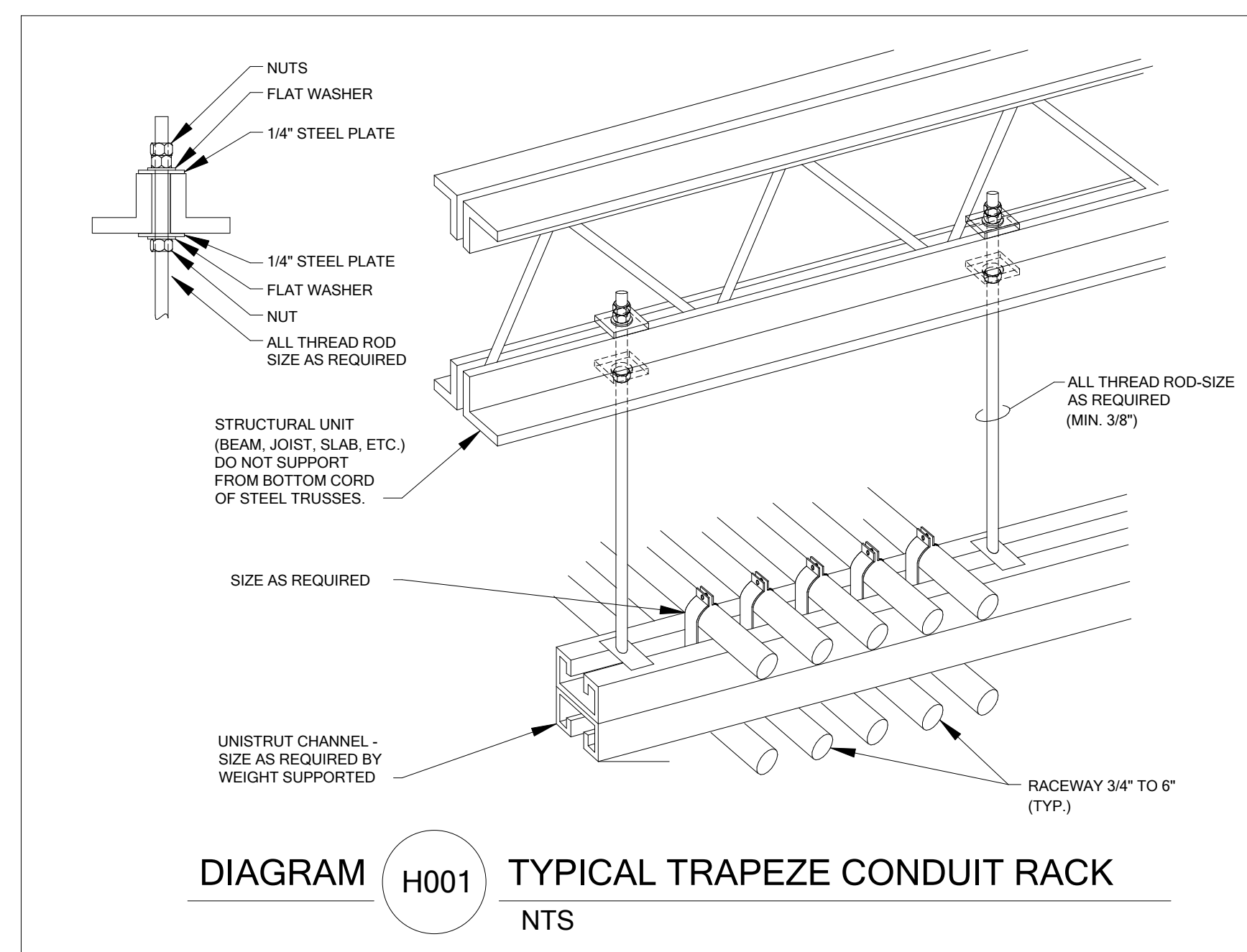
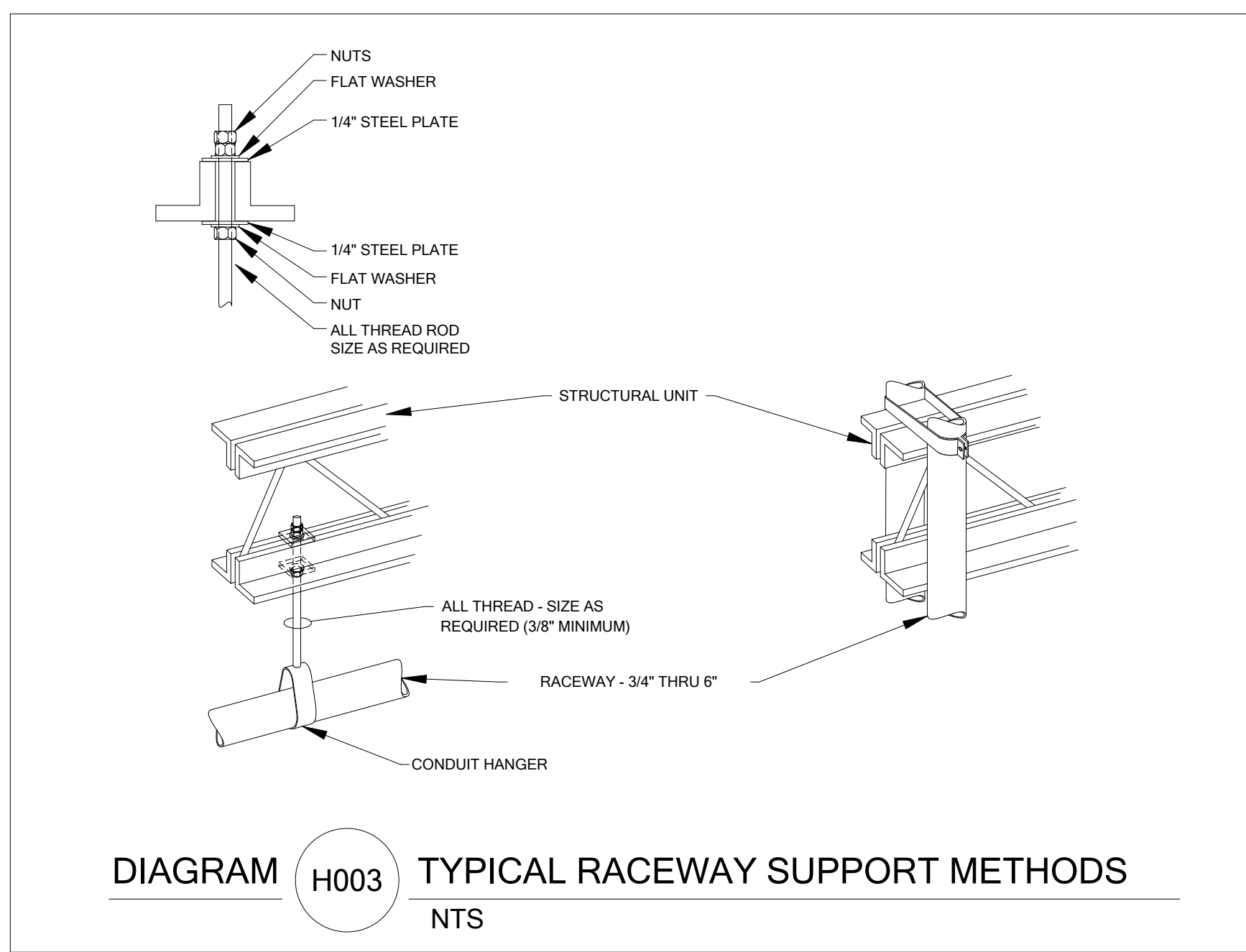
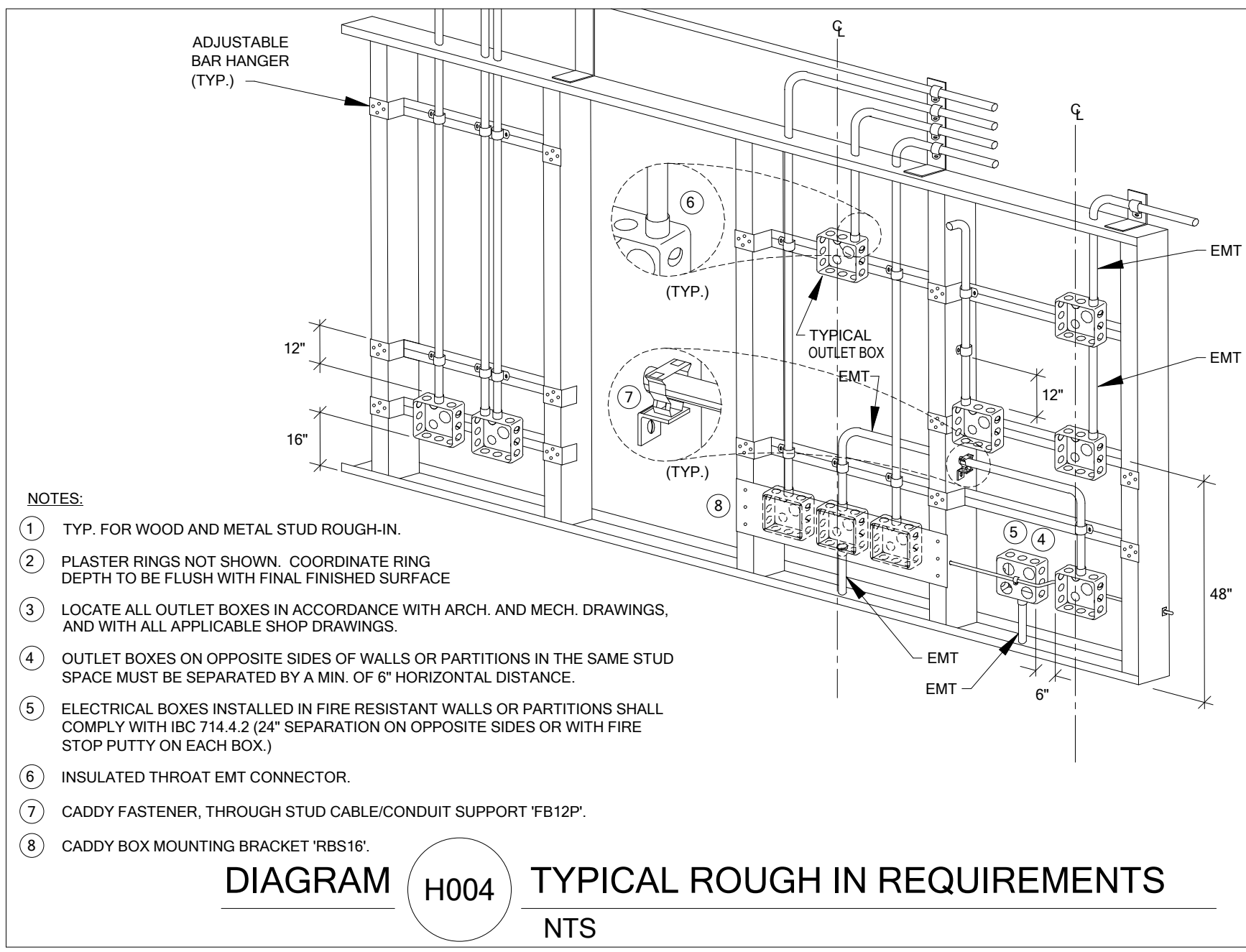
PANEL: Y TYPE: Type 1 VOLTS: 120/208 WYE PHASE: 3 WIRES: 4

MOUNTING: SURFACE LOCATION: Space 110 MAINS: MLO
 BUSSING: _____ FED FROM: EXISTING _____ SUBFEED LUGS _____
 _____ ISO GROUND _____
 _____ 200% NEUTRAL _____
 _____ SPD _____

AMP: 225 A

BRANCH BREAKERS															
ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
EXISTING	--	1	--	1	--	--	--	--	--	--	2	--	1	--	EXISTING
REPAIR SHOP**	20 A	1	#12	3	--	--	720 VA	--	--	--	4	--	1	--	EXISTING
EXISTING	--	1	--	5	--	--	--	--	--	--	6	--	1	--	EXISTING
EXISTING	--	1	--	7	--	--	--	--	--	--	8	--	1	--	EXISTING
EXISTING	--	1	--	9	--	--	--	--	--	--	10	--	1	--	EXISTING
EXISTING	--	1	--	11	--	--	--	--	--	--	12	--	1	--	EXISTING
EXISTING	--	1	--	13	--	--	--	--	--	--	14	--	1	--	EXISTING
EXISTING	--	1	--	15	--	--	--	--	--	--	16	--	1	--	EXISTING
EXISTING	--	1	--	17	--	--	--	--	--	--	18	--	1	--	EXISTING
EXISTING	--	1	--	19	--	--	--	--	--	--	20	--	1	--	EXISTING
EXISTING	--	1	--	21	--	--	--	--	--	--	22	--	1	--	EXISTING
EXISTING	--	1	--	23	--	--	--	--	--	--	24	--	1	--	EXISTING
SPARE	20 A	1	--	25	0 VA	--	0 VA	--	0 VA	--	26	#12	1	20 A	POWER**
SPARE	20 A	1	--	27	0 VA	--	0 VA	--	0 VA	--	28	#12	2	20 A	FUTURE CHARGER**
SPARE	20 A	1													

MARK	REVISION	DATE



THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

DATE: DECEMBER 23, 2021
PROJECT #: 21441
PROJ. MAN.: DB
CHECKED BY: BS

OTIA CURTIS MINER ARCHITECTURE
233 SOUTH PLEASANT GROVE
BLVD. SUITE #105
PLEASANT GROVE, UTAH 84062
PHONE: (801) 793-3000
cm@curtisminer.com

PROJECT: **PCSD TECHNOLOGY ADDITION & REMODEL**
PROJECT ADDRESS: 527 S 1600 W ST PROVO, UTAH 84601
OWNER: **Provo City School District**

SHEET DESCRIPTION: **ELECTRICAL DIAGRAMS**
SHEET: **E701**

BIM 360/7/21-070 PCSD Technology A&R/21441 PCSD Technology A&R ELEC v21_01d.rvt
12/22/2021 11:16:15 PM

MARK	REVISION	DATE

A

B

C

D

E

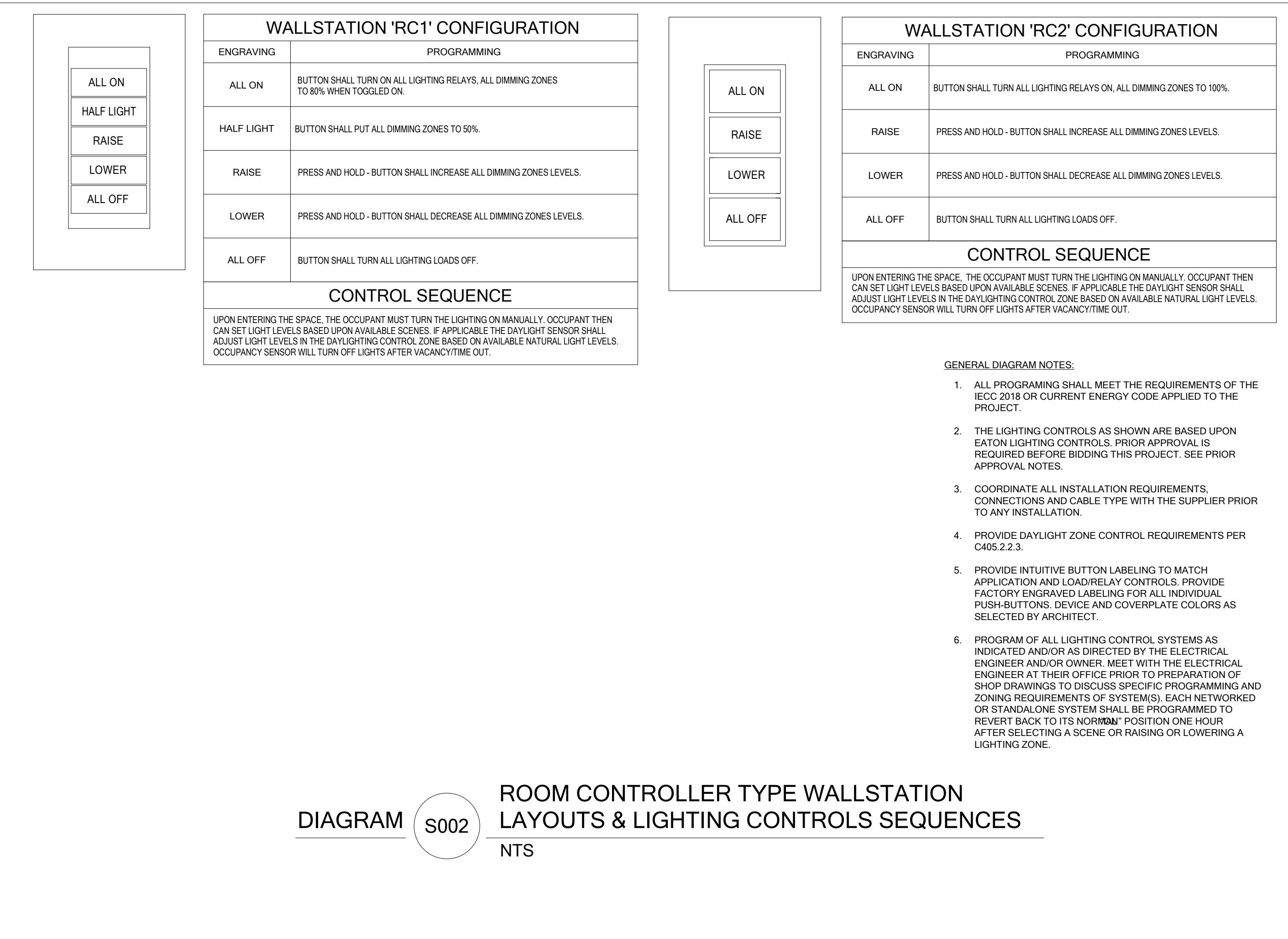
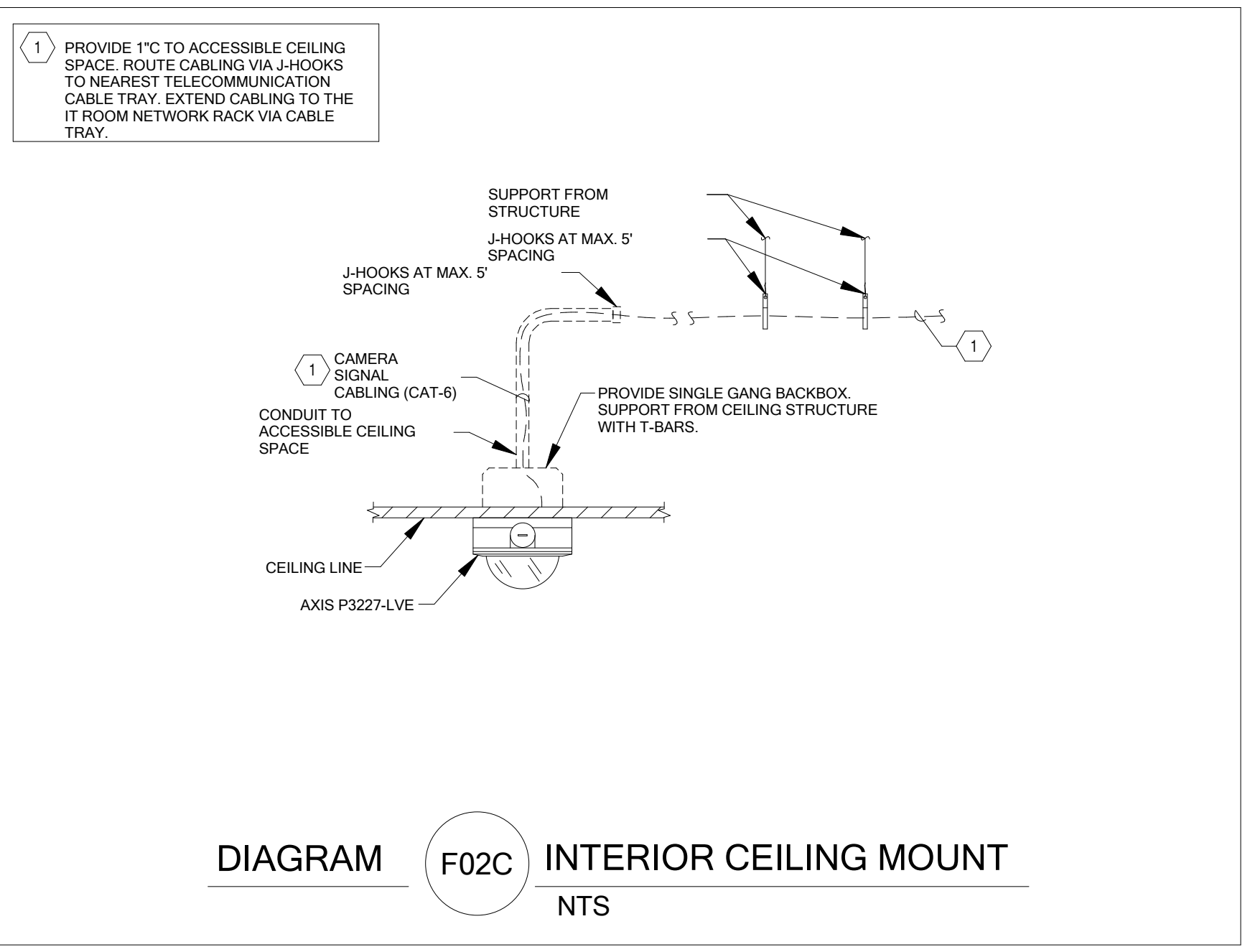
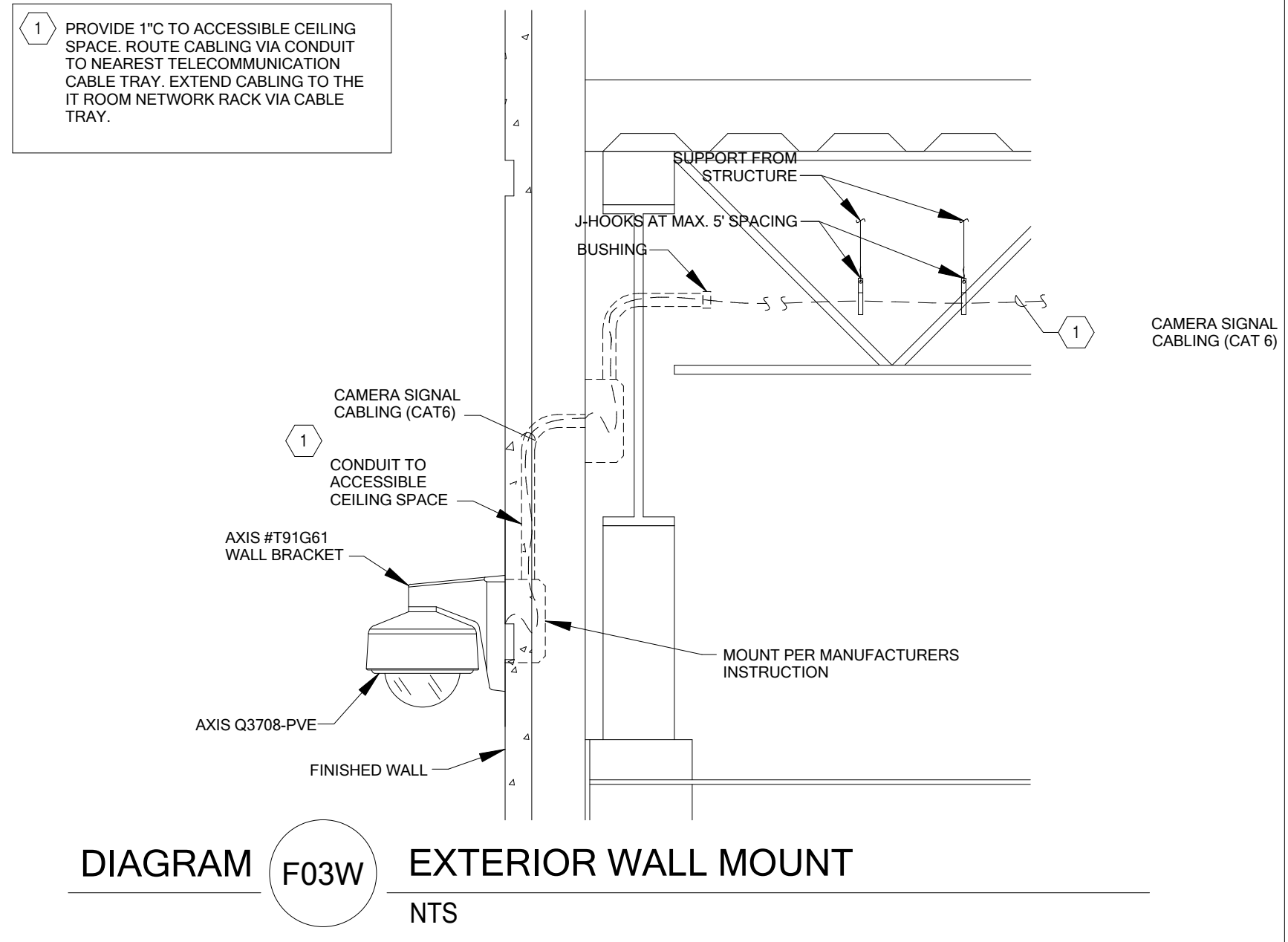
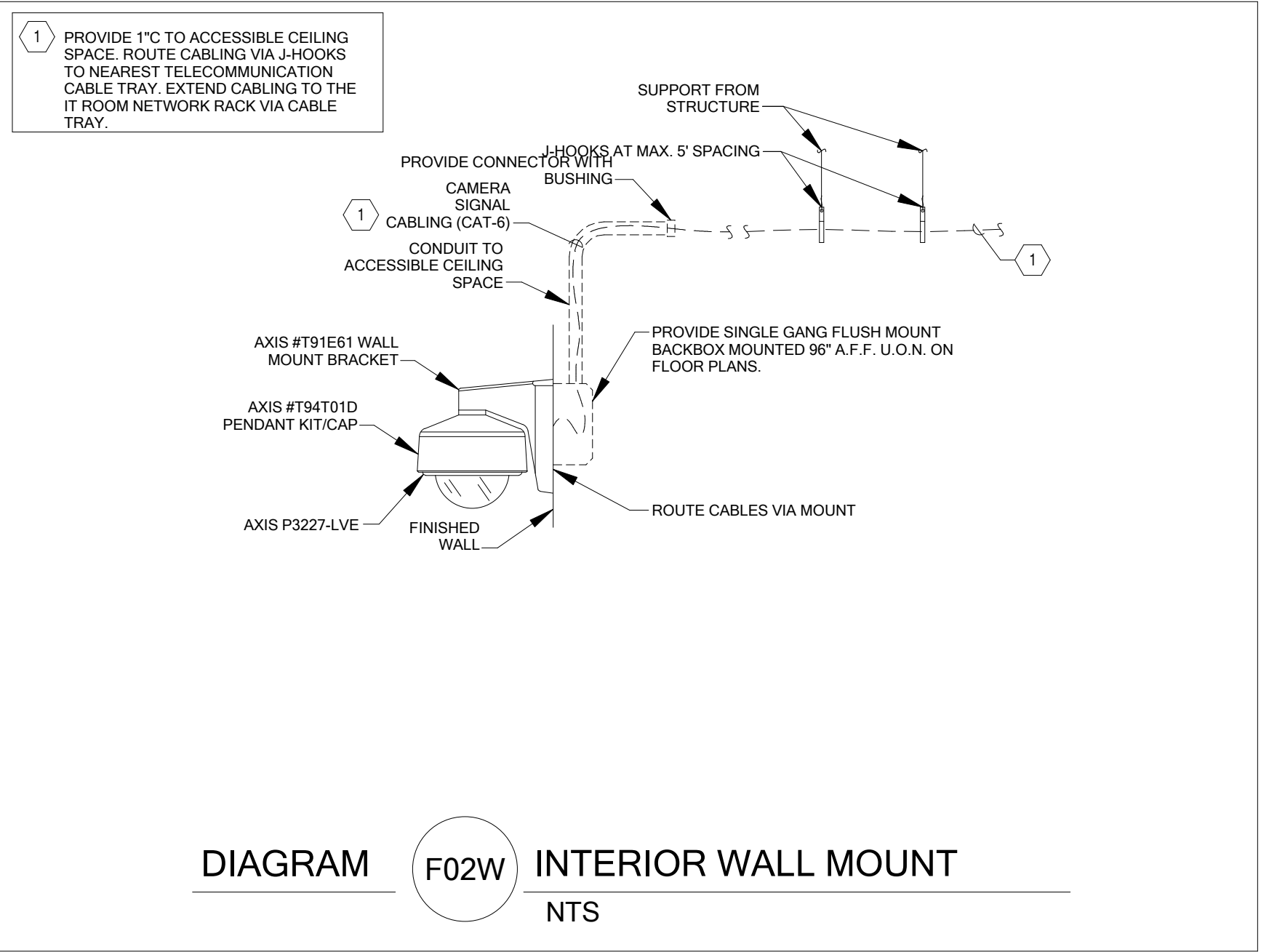


DIAGRAM S002 ROOM CONTROLLER TYPE WALLSTATION LAYOUTS & LIGHTING CONTROLS SEQUENCES NTS



THESE DRAWINGS ARE INTENDED TO BE VIEWED IN COLOR

	233 SOUTH PLEASANT GROVE BLVD. SUITE #705 PLEASANT GROVE, UTAH 84602	DATE: DECEMBER 23, 2021 PROJECT #: 21441 PROJ. MAN.: DB CHECKED BY: BS
	PHONE: (801) 799-3300 cma@curtisminer.com	THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. ©2017 CURTIS MINER ARCHITECTURE, LLC

PROJECT: **PCSD TECHNOLOGY ADDITION & REMODEL**

PROJECT ADDRESS: 527 S 1600 W ST, PROVO, UTAH 84601

OWNER: **Provo City SCHOOL DISTRICT**

SHEET DESCRIPTION: **ELECTRICAL DIAGRAMS**

SHEET: **E702**