

Addendum No. 2
May 9, 2022

RE: Jerome Police Department Renovation

Bid date remains un-changed. Bids due: Thursday, 5/12/22 by 2:00PM.

This addendum addresses the following:

- Architect Addendum-02 Narrative.
- Revised Structural drawings.
- Starr Corp Pre-Bid RFI response included in Architect Narrative.

Attachments:

- Lombard Conrad Architects Addendum No. 2, Dated May 9, 2022
- Revised Bid Package Descriptions by Starr Corp dated 5/9/22

End of Addendum No. 2



Jerome Police Department Renovation				
Bids to Starr Corporation by May 12, 2022 at 2:00PM				ADD-02 Revisions 5/9/22
Bid Package No.	Package Description	Spec Section	Description	Additional Comments - (All items include material, labor, and equipment for installation, unless noted otherwise)
BP-01 CONCRETE				
	Concrete	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Concrete	024119	SELECTIVE DEMOLITION	Demolition, sawcutting, removal & haul-off of existing glass block windows, interior CMU at Entry and new openings at exterior walls included. Refer to Keynotes 6, 13 & 14 on A2.0.
	Concrete	032000	CONCRETE REINFORCING	Applicable to this scope of work, only.
	Concrete	033000	CAST-IN-PLACE CONCRETE	Includes sawcutting, removal & disposal of interior slab as shown on A2.0; Keynote 8 and pour back of footings & mechanical trenches. NOTE: Foundation for the Pre Fabricated Parking Canopy is not part of the scope. Design has not yet been finalized. Refer to Keynote #3 / A1.2. ADD-01: Provide grout at all vertical tube steel posts, (security fence), per Detail D5 / A1.1.
	Concrete	321313	CONCRETE PAVING	Includes curbs, sidewalks / patio area, pads for trash enclosure, bike rack bases, flagpole bases, secured entry gates pads, screen walls, covered canopy footing/foundations & pipe bollards bases. Provide new sidewalk along 1st Avenue East & North Adams Street along with driveway entrances. Sign & Light Pole bases by Others.
	Concrete	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-02 MASONRY				
	Masonry	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Masonry	040120.63	BRICK MASONRY REPAIR	Not in Scope
	Masonry	040120.64	BRICK MASONRY REPOINTING	Not in Scope
	Masonry	042200	CONCRETE UNIT MASONRY	Include reinforcement for CMU as indicated on drawings. Install anchor bolts @ top of trash enclosure wall, provided by Rough Carpentry.
	Masonry	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-03 STRUCTURAL STEEL (Supply & Install) - ADD-01				
	Structural Steel	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Structural Steel	055000	METAL FABRICATIONS	1). Supplied items, installed by others: a). Pipe bollards, b). 3"x3"x1/4" trash enclosure gate posts to be set in concrete slab & filled with concrete by Concrete Contractor. 2). Provide & install: a). Screen wall tube steel, (see note below), b). 2"x2" steel angle & anchors @ trash enclosure slab, c). Trash enclosure gates, d). Single wide security man gate, (B5/A1.1), e). Steel angles, plates & tube steel @ O/H Door jamb & head, (C2, C3 / A7.1), f). Tube steel @ Sun Shade, (C4 / A7.1), g). Steel angle & plate @ window heads, jamps & sills, h). All metal shown on Sheet A9.0, i). Steel columns to include grouting of column bases. All other steel shown on structural drawings. NOTE: Screen wall will required to be built on site in place due to the requirement to grout each vertical tube steel post per Detail D5 / A1.1.
	Structural Steel	055119	METAL GRATING STAIRS	
BP-03a STRUCTURAL STEEL (Install, Only) - ADD-01				
	Structural Steel	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Structural Steel	055000	METAL FABRICATIONS	1). Items installed by others: a). Pipe bollards, b). 3"x3"x1/4" trash enclosure gate posts to be set in concrete slab & filled with concrete by Concrete Contractor. 2). Installed items: a). Screen wall tube steel, (see note below), b). 2"x2" steel angle & anchors @ trash enclosure slab, c). Trash enclosure gates, d). Single wide security man gate, (B5/A1.1), e). Steel angles, plates & tube steel @ O/H Door jamb & head, (C2, C3 / A7.1), f). Tube steel @ Sun Shade, (C4 / A7.1), g). Steel angle & plate @ window heads, jamps & sills, h). All metal shown on Sheet A9.0, i). Steel columns to include grouting of column bases. All other steel shown on structural drawings. NOTE: Screen wall will required to be built on site in place due to the requirement to grout each vertical tube steel post per Detail D5 / A1.1.
	Structural Steel	055119	METAL GRATING STAIRS	
BP-03b STRUCTURAL STEEL (Supply, Only) - ADD-01				
	Structural Steel	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Structural Steel	055000	METAL FABRICATIONS	1). Supplied items, installed by others: a). Pipe bollards, b). 3"x3"x1/4" trash enclosure gate posts to be set in concrete slab & filled with concrete by Concrete Contractor. 2). Supplied items: a). Screen wall tube steel, (see note below), b). 2"x2" steel angle & anchors @ trash enclosure slab, c). Trash enclosure gates, d). Single wide security man gate, (B5/A1.1), e). Steel angles, plates & tube steel @ O/H Door jamb & head, (C2, C3 / A7.1), f). Tube steel @ Sun Shade, (C4 / A7.1), g). Steel angle & plate @ window heads, jamps & sills, h). All metal shown on Sheet A9.0, i). Steel columns to include grouting of column bases. All other steel shown on structural drawings. NOTE: Screen wall will required to be built on site in place due to the requirement to grout each vertical tube steel post per Detail D5 / A1.1.
	Structural Steel	055119	METAL GRATING STAIRS	
BP-04 ROUGH CARPENTRY				
	Rough Carpentry	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Rough Carpentry	024119	SELECTIVE DEMOLITION	Includes demo of Mezzanine walls, floor framing & stairs. Demo north elevation canopy at exterior by Others, (N.I.C.)
	Rough Carpentry	061000	ROUGH CARPENTRY	Provide anchor bolts for 2x @ top of trash enclosure wall, installed by Masonry and all other anchor bolts for interior walls, etc.
	Rough Carpentry	061600	SHEATHING	
	Rough Carpentry	061800	GLUE-LAMINATED CONSTRUCTION	
	Rough Carpentry	072500	WEATHER BARRIERS (TYVEK)	
	Rough Carpentry	079200	JOINT SEALANTS	Applicable to this scope of work, only.
	Rough Carpentry	113100	RESIDENTIAL APPLIANCES	Supply & installation included. MEP connections by Others.
	Rough Carpentry	131200	PRE-FABRICATED METAL PARKING CANOPY	
BP-05 MILLWORK				
	Millwork	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Millwork	064116	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	ADD-01: Provide the half-high wall at Reception Counter between Lobby 101 & Records / Reception 134 as shown on C2, D1 & D3 / A6.00. Provide & install the security transition drawer by Covenant Security Equipment as specified on Keynote #3 / A6.0.
	Millwork	066116	SOLID SURFACING WALL PANELS	
	Millwork	123616	METAL COUNTERTOPS	
	Millwork	123623.13	PLASTIC-LAMINATE-CLAD COUNTERTOPS	
	Millwork	123661.16	SOLID SURFACING COUNTERTOPS	
	Millwork	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-06 ROOFING				

	Roofing	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Roofing	070150.19	PREPARATION FOR REROOFING	Includes removing & disposal of existing roofing materials down to the deck.
	Roofing	074213.13	FORMED METAL WALL PANELS	
	Roofing	074213.23	METAL COMPOSITE MATERIAL WALL PANELS	
	Roofing	075423	THERMOPLASTIC-POLYOLEFIN (TPO) ROOFING	
	Roofing	076200	SHEET METAL FLASHING AND TRIM	
	Roofing	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-07 DOORS & HARDWARE				
	Doors and Hardware	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Doors and Hardware	081113	HOLLOW METAL DOORS AND FRAMES	
	Doors and Hardware	081416	FLUSH WOOD DOORS	
	Doors and Hardware	087100	DOOR HARDWARE	Hardware for this scope of work, only. Includes Knox Box.
BP-08 OVERHEAD COILING DOORS				
	Overhead Coiling Doors	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Overhead Coiling Doors	083323	OVERHEAD COILING DOORS	
	Overhead Coiling Doors	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-09 ALUMINUM FRAMED ENTRANCES & STOREFRONTS				
	Aluminum Framed Entrances & Storefronts	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Aluminum Framed Entrances & Storefronts	084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	
	Aluminum Framed Entrances & Storefronts	087100	DOOR HARDWARE	Hardware for this scope of work, only.
	Aluminum Framed Entrances & Storefronts	088000	GLAZING	
	Aluminum Framed Entrances & Storefronts	088853	SECURITY GLAZING	
	Aluminum Framed Entrances & Storefronts	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-10 DRYWALL				
	Drywall	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Drywall	054000	COLD-FORMED METAL FRAMING	
	Drywall	066400	PLASTIC PANELING (FRP)	
	Drywall	072100	THERMAL INSULATION	
	Drywall	072600	VAPOR RETARDERS	
	Drywall	079000	JOINT SEALANTS	Sealants for this scope of work only
	Drywall	092216	NON-STRUCTURAL METAL FRAMING	
	Drywall	092900	GYPSON BOARD	
	Drywall	095113	ACOUSTICAL PANEL CEILINGS	
	Drywall	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-11 CERAMIC TILING				
	Ceramic Tiling	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Ceramic Tiling	093013	CERAMIC TILING	
	Ceramic Tiling	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-12 FLOOR COVERING				
	Flooring Covering	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Flooring Covering	096513	RESILIENT BASE AND ACCESSORIES	
	Flooring Covering	096516	RESILIENT SHEET FLOORING	
	Flooring Covering	096519	RESILIENT TILE FLOORING	
	Flooring Covering	096536	STATIC-CONTROL RESILIENT FLOORING	
	Flooring Covering	096566	RESILIENT ATHLETIC FLOORING	
	Flooring Covering	096813	TILE CARPETING	
	Flooring Covering	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-13 PAINTING				
	Painting	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Painting	071900	WATER REPELLENTS	Applied at exterior masonry walls.
	Painting	099113	EXTERIOR PAINTING	Includes painting of all exterior un-finished metals. Pre-fabricated metal parking canopy is excluded from this scope of work.
	Painting	099123	INTERIOR PAINTING	
	Painting	079200	JOINT SEALANTS	Applicable to this scope of work, only. Includes joint sealant at all interior HM Frames.
BP-14 SPECIALTIES				
	Specialties	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Specialties	101419	DIMENSIONAL LETTER SIGNAGE	
	Specialties	101423	PANEL SIGNAGE	
	Specialties	101426	POST AND PANEL PYLON SIGNAGE	
	Specialties	102600	WALL AND DOOR PROTECTION	
	Specialties	102800	TOILET, BATH, AND LAUNDRY ACCESSORIES	
	Specialties	104413	FIRE PROTECTION CABINETS	Excludes Knox Box listed in this Spec Section. (by Others).
	Specialties	104416	FIRE EXTINGUISHERS	
	Specialties	105113	METAL LOCKERS	ADD-01: This section includes the Refrigerator Unit as noted in 105113-4; 2.4; F; 1.
	Specialties	107313	AWNINGS	
	Specialties	107516	GROUND-SET FLAGPOLES	
	Specialties	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-15 ROLLER WINDOW SHADES				
	Roller Window Shades	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Roller Window Shades	122413	ROLLER WINDOW SHADES	
BP-16 FIRE SPRINKLER SYSTEM				
	Fire Sprinkler System	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Fire Sprinkler System	210000	FIRE SUPPRESSION	ADD-02: Exclude from base bid any repairs of existing Fire Riser or sprinkler piping. Any repairs will be performed on a Time & Material Basis should that be required. There are existing sprinkler lines that remain within the building interior that can be re-used as part of the new work. Fire Sprinkler Contractor must field verify conditions and materials that can be incorporated into new work.
	Fire Sprinkler System	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-17 PLUMBING				
	Plumbing	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	Plumbing	220000	PLUMBING GENERAL REQUIREMENTS	NOTE: All items listed on the Plumbing Demo Narrative; Sheet A2.0 have been removed by others under a separate contract.
	Plumbing	220100	PLUMBING	
	Plumbing	113100	RESIDENTIAL APPLIANCES	Connect waterlines for Refrigerator ice maker & drain and Dishwasher water supply & drain.
	Plumbing	079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-18 HVAC				
	HVAC	Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
	HVAC	230000	HVAC GENERAL REQUIREMENTS	Include demolition, removal & haul-off of existing roof top units per Keynote #4 / A2.8. NOTE: All items listed on the HVAC Demo Narrative; Sheet A2.0 have been removed by others under a separate contract.
	HVAC	230100	HEATING, VENTILATING & AIR CONDITIONING	
	HVAC	079200	JOINT SEALANTS	Applicable to this scope of work, only.

BP-19 ELECTRICAL				
Electrical		Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
Electrical		260100	BASIC ELECTRICAL REQUIREMENTS	NOTE: All items listed on the Electrical Demo Narrative; Sheet A2.0 have been removed by others under a separate contract.
Electrical		260519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	
Electrical		260523	CONTROL-VOLTAGE ELECTRICAL POWER CABLES	
Electrical		260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS	
Electrical		260529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	
Electrical		260533	RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS	
Electrical		260536	CABLE TRAY SYSTEMS	
Electrical		260543	UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS	
Electrical		260544	SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING	
Electrical		260548	VIBRATION AND SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS	
Electrical		260553	IDENTIFICATION FOR ELECTRICAL SYSTEMS	
Electrical		260572	OVERCURRENT PROTECTIVE DEVICE SHORT-CIRCUIT STUDY	
Electrical		260573	OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY	
Electrical		260574	OVERCURRENT PROTECTIVE DEVICE ARC-FLASH STUDY	
Electrical		260944	NETWORK LIGHTING CONTROLS	
Electrical		262416	PANELBOARDS	
Electrical		262726	WIRING DEVICES	
Electrical		262813	FUSES	
Electrical		262816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	
Electrical		265119	LED INTERIOR LIGHTING	
Electrical		265219	EMERGENCY AND EXIT LIGHTING	
Electrical		265613	LIGHTING POLES AND STANDARDS	Includes excavation, backfill & concrete for pole light bases.
Electrical		265619	LED EXTERIOR LIGHTING	
Electrical		270100	BASIC COMMUNICATIONS REQUIREMENTS	
Electrical		271100	COMMUNICATIONS EQUIPMENT ROOM FITTINGS	
Electrical		271500	COMMUNICATIONS HORIZONTAL CABLING	
Electrical		274133	MASTER ANTENNA TELEVISION SYSTEM	
Electrical		275133	EMERGENCY RESPONDER RADIO COVERAGE SYSTEMS	
Electrical		280100	BASIC ELECTRONIC SAFETY AND SECURITY REQUIREMENTS	
Electrical		280513	CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY	
Electrical		281300	ACCESS CONTROL	
Electrical		281600	INTRUSION DETECTION AND ALARM SYSTEMS	
Electrical		282300	VIDEO SURVEILLANCE	
Electrical		283111	DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM	
Electrical		079200	JOINT SEALANTS	Applicable to this scope of work, only.
BP-20 ASPHALT PAVING				
Asphalt Paving		Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
Asphalt Paving		321216	ASPHALT PAVING	1). Removal & disposal of all existing asphalt paving and concrete sidewalks along 1st Avenue East & North Adams Street. 2). Re-grading existing base materials to meet the required finish elevations 3). Provide & install concrete wheel stops, (Note 20 / A1.0). 4). Includes pavement markings / striping. ADD-01: Base Bid to include 2 1/2" Asphalt Pavement Section in existing parking lot area.
BP-21 VERTICAL PIVOT LIFT GATE OPERATOR - ADD-01				
Vertical Pivot Lift Gate		Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
Vertical Pivot Lift Gate		323119	VERTICAL PIVOT LIFT GATE OPERATORS	ADD-01: Provide & install vertical pivot lift gate operators complete. Include excavation, backfill and concrete, reinforcements & anchor bolts for pads & yoke bases. PVC conduit within pad & yoke bases included. Electrical Contractor will run conduits & feeders out from building to gate controller locations.
BP-22 LANDSCAPING & IRRIGATION - ADD-01				
Landscaping & Irrigation		Division 1	GENERAL REQUIREMENTS	All sections to be included in their entirety.
Landscaping & Irrigation		N/A	N/A	ADD-01: Refer to Sheet A1.0 & A4.4 for all Landscape & Irrigation requirements.

Date: 5/09/2022	Addendum #: 02
Project: Jerome Police Renovation	Project #: 20038.03
Address: 229 First Avenue East	File Code: 2-b

BIDS DUE	
Time: 2:00 PM	
Date: 5/12/2022	
Place: Starr Corporation	
Address: 2995 East 3600 N	
City, State: Twin Falls, ID 83303-0046	

To All Planholders: Please notify everyone concerned as your sub-contractors and suppliers of the issuance and contents of this addendum prior to date of bid opening.

DRAWINGS

Structural:

Sheet S1.0 – General Structural Notes:

- General Structural Note – Add Miscellaneous Note 9

Sheet S2.1 – Below Ceiling Framing Plan:

- Revise keynote 8 and keynote 10 as indicated
- Extents of detail 2/s4/3 sim on east and west walls shown
- Add keynote 10 callout on west wall as indicated
- Add detail callout 3/S4.1 sim at overhead door in west wall

Sheet S4.3 – Structural Details:

- Detail 2 – revised callout 8
- Detail 3 – add blocking and nailing/screwing to blocking as indicated
- Detail 5 – detail revised to show HSS drag collector indicated on plans and show relative location

PRE-BID RFI:

RFI #10:

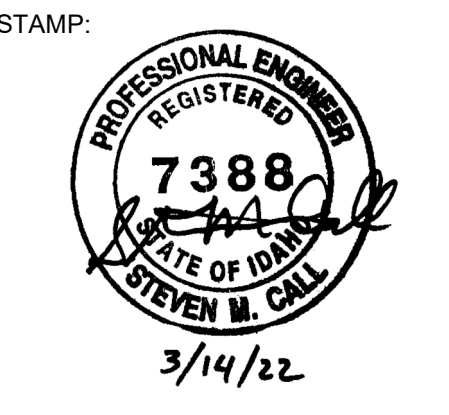
Q. REF: Spec Section 105113 – Metal Lockers and Sheet A6.2 / Detail D1:

Can you confirm that you are looking for both types of weapon storages in this project, (UWR & WRX)? If so, can you let me know where the WeaponWRX product is on the drawings?

A. Only one type is needed. I had intended on the UWR but since it is in a secure room by itself, the WRX would work well I think.

ATTACHMENT LIST:

SHEET: S1.0, S2.1, S4.3



CITY OF JEROME
POLICE
DEPARTMENT



229 1ST AVENUE
EAST, JEROME ID

CONSULTANT:
CALL
ENGINEERING, PA
2939 North Cole Road
Suite 102
Boise, Idaho 83704
Phone (208) 321-2656

GENERAL STRUCTURAL NOTES (GSN):

DESIGN CRITERIA:
1. Building code used for design: 2018 International Building Code & 2018 International Existing Building Code
2. Risk Category: II
3. Design Dead Loads: Roof dead load 15 psf, Ceiling dead load 15 psf, Mezzanine floor dead load 15 psf, Roof Live Loads: 20 psf, Floor Live Loads: 125 psf
6. Roof Snow Loads: Ground Snow Load Pg = 20 psf, Snow Importance Factor Is = 1.0, Snow Exposure Coefficient Ce = 1.0, Thermal Exposure Coefficient Ct = 1.0, Roof Snow Load Ps = 30 psf
7. Seismic Loads: Seismic Importance Factor Is = 1.0, Soil Site Class D, Mapped Spectral Acceleration Ss = 0.175, 5% Damped Design Spectral Response Acceleration Sp5 = 0.186, Seismic Design Category B, Seismic Main Force Resisting System Wood stud walls sheathed with wood structural panels
8. Wind Loads: Design Wind speed (3-second gust) Vw = 105 mph, Exposure Classification B, Internal Pressure Coefficient GCp = +/- 0.18, Topographic Factor Kzt = 1.0

FOUNDATIONS:
1. Allowable Foundation Soil Bearing Pressure: 1500 psf at 12" below finish grade
2. Allowable Soil Bearing Increase: 1/3 increase for short-term loading (wind & seismic loads)
3. Frost Depth: 24" minimum from lowest point of finished adjacent grade to bottom of footing
4. Footings to bear on undisturbed native soil or engineered fill compacted to 95% density (ASTM D1557)
5. Where excavations occur under footings, after the building footings have been cast, said excavations shall be filled with flowable fill.

CONCRETE:
1. Concrete mix design shall be established in accordance with Chapter 19 of ACI 318-14.
2. Minimum cement content: 500 lbs/yd³ for 3500 psi concrete, 564 lbs/yd³ for 4000 psi concrete
3. Maximum water/cement ratio: 0.50 at exterior footings and stem walls, 0.40 at interior footings and slabs (super plasticizer required)
4. Entrained air: 5% (+1 1/2%) for all concrete exposed to freezing
5. Maximum slump: 4"
6. 28-day compressive strength: fc = 3500 psi at footings and stem walls, fc = 4000 psi at interior footings and interior slabs
7. Minimum concrete cover over reinforcement for cast-in-place concrete: Concrete cast against and permanently exposed to earth: 3", Concrete exposed to earth or weather: 2", #6 through #18 bars: 1 1/2", #5 and smaller bars: 1 1/2", Concrete not exposed to weather or in contact with ground: #14 and #18 bars: 1 1/2", #11 and smaller bars: 3/4"

POST-INSTALLED ANCHORS:
1. Adhesive Anchors: In concrete, adhesive shall be Simpson Strong-Tie SET-3G or approved equivalent.
2. Screw Anchors: In concrete and grouted masonry, heavy screw anchors shall be Simpson Strong-Tie Titen HD.
3. Powder Actuated Fasteners (PAF): Fasteners driven into steel shall be Hilti X-U Universal Knurled Shank Fastener (0.157" Ø shank). Fasteners driven into concrete shall be Hilti X-CP 72 P8 S23. Provide a minimum embedment of 1 3/8" into concrete.

GENERAL STRUCTURAL NOTES (CONT'D):

MASONRY:
1. Material Specification: Concrete Masonry Units (CMU) ASTM C90, Lightweight or Medium Weight Grade N, Mortar Type "S", Grout minimum compressive strength fg = 2000 psi, Joint Reinforcement ASTM A82, Side rod wire size 0.1483" Ø, Cross rod wire size 0.1483" Ø, Reinforcing Steel ASTM A615, Grade 60, Deformed Bar Anchors (DBA) ASTM A496, Headed Stud Anchors (HSA) ASTM A108, Anchor Rods ASTM F1554, Grade 36
2. Solid grout all cells containing reinforcement, deformed bar anchors (DBAs), headed stud anchors (HSAs), embeds, etc.
3. Mechanical/Electrical Openings: Unless shown on the structural sheets, mechanical/electrical openings greater than 0'-8" in either direction are not permitted unless authorized by Call Engineering, PA. Mechanical/electrical openings are not permitted within 2'-0" of the end of masonry walls or control joints unless noted on the structural sheets. Mechanical/electrical openings are not permitted to disrupt vertical or horizontal reinforcing steel, including jamb and lintel steel around openings and bond beams at floor/roof levels or at top of walls.
4. Masonry walls shown on the structural sheets shall be reinforced with #5 verts at 32" oc and bond beams with #5 CMU reinforcing steel shop drawings shall include elevations of all CMU walls.

STRUCTURAL AND MISCELLANEOUS STEEL:
1. All steel work shall conform with AISC specifications.
2. Material: Wide Flange Section ASTM A992 (50ksi), Other Plates & Shapes ASTM A36 (36 ksi), Square or Rectangular HSS ASTM A500 (46 ksi) minimum, Standard (Schedule 40) Pipe ASTM A53 (35 ksi) Grade B, Deformed Bar Anchors (DBA) ASTM A496, Headed Stud Anchors (HSA) ASTM A108, Anchor Rods to Concrete ASTM F1554, Grade 36, Bolts Connecting Wood to Concrete ASTM A307, Grade A or ASTM F1554, Grade 36, Steel-to-Steel Bolted Connections ASTM F3125 A325N
3. Welding: Use E-70 electrodes for all welds. E-60 electrodes may be used for the welding of steel deck. The welding of Headed Stud Anchors (HSAs) and Deformed Bar Anchors (DBAs) shall conform to the manufacturer's specifications. Field weld flags that appear within this document are for suggestion only. Contractor may substitute shop welding for field welding. Steel fabrication and erection shop drawings shall clearly distinguish between shop welds and field welds prior to the commencement of work.
4. Anchor rods attaching base plates to concrete require plate washers above the base plate. Unless welded plate washers are specified in details, provide plate washers above the base plate at anchor rods as follows: Anchor Rod Ø (in) Min Washer Size (in) 3/4 1/2 x 2 x 2
* ASTM F844 washers are permitted instead of plate washers when hole clearance in the base plate are limited to 5/16".
5. Bolted connections with wood require standard cut washer between nut and wood unless noted otherwise.

COLD-FORMED STEEL:
1. All cold-formed steel shall be manufactured per the Steel Stud Manufacturer's Association (SSMA) guidelines.
2. Framing clips: Deflection Clips: Deflection clips or slip clips specified in details shall be Simpson Strong-Tie SCB (length as required) with (2) #14 shouldered screws to stud and (2) #12 screws to masonry. At contractor's option, clip may be welded to structural steel (welding per manufacturer's requirements). Fixed Clips: Fixed clip specified in details shall be Simpson Strong-Tie FCB (length as required) with (2) #12-14 self-drilling screws to stud and to structural member unless noted otherwise. At contractor's option, clip may be welded to structural steel (welding per manufacturer's requirements). Contractor may submit other clips with equal or greater load capacity for approval prior to framing. At stud walls, provide deflection clip from each stud to roof framing, floor framing or stair landings unless noted otherwise.
3. Fasten components by means of self-tapping screws or welding. Follow manufacturer's recommendations.
4. Repair galvanizing on cold-form steel after welding.
5. Fasteners: All framing screws shall be a minimum #10 self-tapping screw unless noted otherwise. Screws shall penetrate cold-formed steel framing member by three exposed threads minimum. Screws used to attach sheathing to cold-formed steel framing at structural shear walls shall be a minimum No. 8 (0.164" Ø shank) self-tapping screw with a minimum head diameter of 0.285" or No. 10 (0.190" Ø shank) self-tapping screw with a minimum head diameter of 0.333". Screws shall meet ASTM C1513. Proprietary fasteners may be submitted for approval. Studs shall be braced back to structure at floors and roof unless noted otherwise. Bearing wall stud webs shall be installed tight against base and top track. There shall not be a gap between stud webs and tracks. Provide bridging, blocking and all accessories required per manufacturer's recommendations. Where steel studs are not sheathed on one face with gypsum or wall sheathing, install 16 gauge x 3" continuous strap at 48" oc, on face of studs not sheathed. Attach to each stud with (2) screws. Provide stud blocking at 8'-0" oc or at each end of strap, whichever is less. Attach sheathing to stud blocking with screws at 4" oc maximum. Follow all manufacturer's recommendations.

GENERAL STRUCTURAL NOTES (CONT'D):

LUMBER:
1. Material: Sawn lumber 2x4 Douglas Fir Larch Construction Grade, Sawn lumber 2x6 or larger Doug Fir Larch No. 2 or higher grade, LVL members Trus Joist Microllam (2.0E) or approved equivalent, PSL members Trus Joist Parallam or approved equivalent, Joists Trus Joist or approved equivalent
2. Glu-lam Beams: Simple span beams - combination 24F-V4 DF/DF, Cantilevered or continuous span beams - combination 24F-V8 DF/DF, Install with top side up, Provide glu-lam shop drawings indicating sizes, camber, species, stress lamination layout & appearance grade, Shape edges of glu-lam beams at saddles and connections to provide full bearing at flat surface.
3. Preservative-treated wood: Preservative-treated wood shall be Douglas Fir Larch. Preservative-treated wood shall be treated with SBX/DOT or Zinc Borate. Fasteners, including nuts and washers, into preservative-treated wood shall be of hot dipped zinc-coated galvanized steel in accordance with ASTM A153 (ASTM A 653, type G185 or better). See IBC 2304.10.5. Wood framing members that rest on exterior foundation walls and are less than 8" from exposed earth shall be preservative-treated wood (per IBC 2304.12.1.2).
4. Sheathing: Ceiling Sheathing: Thickness: 1/2" (nominal), APA Span Rating: 24/0 (minimum), Panel edge nailing: 6" oc, Sheathing with 8'-0" length parallel or perpendicular to supporting members. Minimum sheathing panel dimension shall be 24" unless all panel edges of the undersized sheets are supported by and fastened to framing members or blocking. Block all panel edges at floor sheathing where indicated on plans. Wood Floor Sheathing: Thickness: 3/4", APA Span Rating: 40/20 (minimum), Floor sheathing shall be T & G, Panel edge nailing: 6" oc, Orient floor sheathing with 8'-0" length perpendicular to supporting members. Minimum sheathing panel dimension shall be 24" unless all panel edges of the undersized sheets are supported by and fastened to framing members or blocking. Block all panel edges at floor sheathing where indicated on plans. Wood Wall Sheathing: Thickness: 7/16", APA Span Rating: 24/16 (minimum), Nail wood sheathing to supporting members with 0.131" Ø x 3" nails unless noted otherwise. Do not install edge nailing beneath straps prior to installing straps over sheathing. Fasteners: Nailing to follow IBC table 2304.10.1 on sheet S1.1 unless noted otherwise. All framing nails are to be 0.131" Ø x 3" unless noted otherwise. Nails shall meet requirements in ASTM F1667. Provide ICC ES Report. ICC ES report number and country of origin shall be labeled on nail containers. Provide nails with head identification. Where nailed connections of 2x material are not shown, provide (2) nails or (3) toe-nails minimum at each connection. For connections of "Simpson" hardware or equivalent, nail per manufacturer's requirements. Do not substitute Tecco or hanger nails (.148x1 1/2") for Simpson required nails unless specifically noted on plans and details. "H-clips" at ceiling sheathing are not required but may be used at contractor's option for proper sheathing installation.

MISCELLANEOUS:
1. Refer to Architectural drawings for wall openings, architectural treatment and dimensions not shown.
2. Refer to Mechanical and Electrical drawings for size and location of duct openings, piping, conduits, etc. not shown.
3. Submit all required shop drawings and receive their satisfactory review from the Structural Engineer prior to fabrication.
4. Provide temporary erection bracing and shoring as required for stability of structure during all phases of construction.
5. Additional requirements to meet OSHA or other construction criteria which may exceed requirements indicated in construction documents are the responsibility of the contractor.
6. Verify all dimensions and existing conditions prior to starting work and notify Architect immediately of any discrepancies.
7. Details are typical and apply at similar conditions throughout.
8. In the case of disagreement between General Structural Notes and sheet notes or details, the more stringent requirement shall apply.
9. Temporary shoring of exterior brick veneer shall minimize damage to existing brick. Install temporary anchors in mortar joints where possible & patch when anchors are removed.

SPECIAL INSPECTION & QUALITY ASSURANCE
Special inspection and quality assurance, as required by IBC sections 1704 and 1705, shall be provided in order to oversee the quality, workmanship and requirements for materials covered. Special inspection and testing during construction shall be conducted by one or more approved agencies, independent from the contractor, employed by the owner or owner's authorized agent. Approved special inspection agencies are required to submit reports of special inspection to the architect, structural engineer, contractor and building official for review. Reports shall indicate that work inspected or tested was or was not completed in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. If they 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 phase of work. The contractor shall coordinate and comply with special inspection and testing requirements. Construction or work requiring special inspection shall remain accessible and exposed for special inspection and testing purposes until the special inspections and tests are completed. For contractor convenience, structural items requiring special inspection and quality assurance, as required by IBC 1704 and 1705, are provided within these documents as referenced in the following list:
1. Post-Installed Anchors - IBC 1705.1.1: At post-installed anchors in concrete or masonry, special inspection shall be performed per manufacturer's requirements prior to installation.
2. Steel Construction - IBC 1705.2:
a. Structural Steel - IBC 1705.2.1: Special inspections and nondestructive testing of structural steel elements shall be in accordance with the quality assurance inspection requirements of AISC 360. These requirements are listed on sheet S1.1.
3. Concrete - IBC 1705.3: No special inspection or testing is required for concrete construction per IBC section 1705.3 exception 2.3.
4. Masonry - IBC 1705.4: Special inspections and tests of masonry construction shall be performed in accordance with the quality assurance requirements for Level 2 or Level 3 of TMS 402 and TMS 602 Tables 3 and 4 on sheet S1.1.

Table with 4 columns: MKR, DATE, DESCRIPTION, ADDENDUM #2. Row 1: 1, 5/9/22, Temporary shoring of exterior brick veneer shall minimize damage to existing brick. Install temporary anchors in mortar joints where possible & patch when anchors are removed.

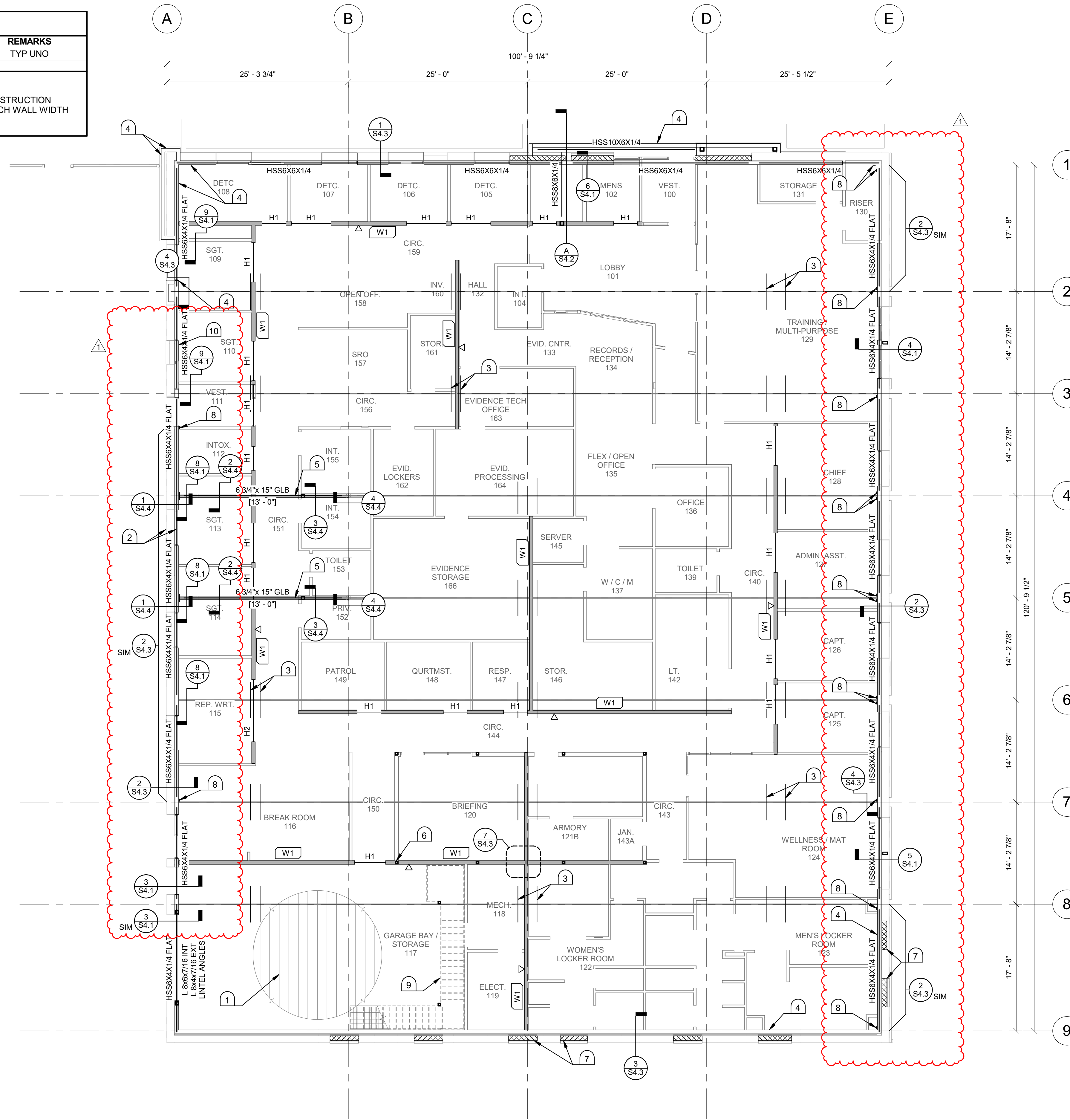
JOB NO.: 20038.03
DATE: 03/14/22
DRAWN BY: AMC
CHECKED BY: SMC

PHASE: PERMIT SET

GENERAL STRUCTURAL NOTES

HEADER SCHEDULE			
MARK	SIZE	JAMB	REMARKS
H1	(3) 2x6	(1) 2x6 T, (1) 2x6 K	TYP UNO
H2	(3) 2x8	(1) 2x6 T, (2) 2x6 K	

NOTES:
 1. NAIL HEADER TOGETHER w/(2) ROWS OF NAILS AT 12" OC
 2. SEE DETAIL A ON SHEET S3.0 FOR STANDARD HEADER CONSTRUCTION
 3. PROVIDE 2x FLAT TOP & BOTTOM OF BUILT-UP BOX TO MATCH WALL WIDTH
 4. JAMB STUDS TO MATCH WALL WIDTH



1 BELOW CEILING FRAMING PLAN
 1/8" = 1'-0"

NOTES

- A. HATCHED WALLS SHOWN ON THIS SHEET ARE STRUCTURAL WALLS. SEE SHEET S3.0 FOR STRUCTURAL WALL SCHEDULE. UNMARKED STRUCTURAL WALLS SHALL BE TYPE W1. INTERIOR WALLS SHOWN LIGHT ARE NON-STRUCTURAL WALLS. SEE ARCH FOR WALL TYPE DESIGNATIONS FOR NON-STRUCTURAL WALLS
- B. COORDINATE WITH MECHANICAL FOR FLOOR OPENINGS. HEADER FLOOR JOISTS WHERE REQ'D. DO NOT CUT CEILING OR MEZZANINE JOISTS. COORDINATE MECHANICAL & PLUMBING WITH JOIST LAYOUT
- C. FRAME INTERIOR NON-STRUCTURAL STEEL STUD WALLS WITH 1 3/4" GAP BETWEEN TOP OF WALL & BOTTOM OF STRUCTURE. USE DEEP LEG DEFLECTION TRACK
- D. UNLESS OTHERWISE NOTED IN STRUCTURAL WALL SCHEDULE, ATTACH WALLS TO HSS COLUMNS OR POSTS w/SIMPSON TB1475S SCREWS AT 32" OC. NAIL WALL SHEATHING TO EACH STUD AT COLUMN OR POST w/PANEL EDGE NAILING
- E. SEE 10/X4.1 FOR TYPICAL REINFORCING @ OPENINGS IN EXISTING CMU WALLS

KEYNOTES

- 1 EXISTING FRAMING TO REMAIN. TYP. 1/2" OSB SHEATHING TO BE ATTACHED ON THE UNDERSIDE OF EXISTING CEILING JOISTS THROUGHOUT THE BUILDING. TYP
- 2 LINTEL ANGLE EA SIDE @ WINDOW OPENINGS, TYP
- 3 SIMPSON CS20 x 5'-0" LONG. SEE DETAIL 6/S4.3
- 4 STEEL STUDS @ 16" OC w/ DBL STUDS @ DOOR & WINDOW JAMBS. STUD 600S162-43
- 5 2x6 STUD WALL ABOVE GL BEAM FULL HT TO ROOF. STUDS @ 16" OC
- 6 ATTACH 2x6 EA SIDE OF HSS COL TO COL w/ SIMPSON TB SCREWS @ 12" OC
- 7 INFILL @ CMU SHEAR WALL. SEE DETAIL 7/S4.1
- 8 SIMPSON CMST14 STRAP FROM SLAB ON GRADE TO 14'-0" AFF. FILL w/ SIMPSON TITEN 2 SCREWS. (2) SCREWS PER CMU BLOCK. LOCATE NEAR CENTER OF FACE SHELL. (12) SCREWS MIN TO EXIST CONC STEM WALL. LOCATE 6" FROM EXIST STL COL TYP
- 9 STEEL STAIR - DESIGN BY MANUFACTURER. SEE ARCH FOR CONFIGURATION
- 10 DRY PACK HORIZ. CRACK ABOVE EXIST DOOR OPENING

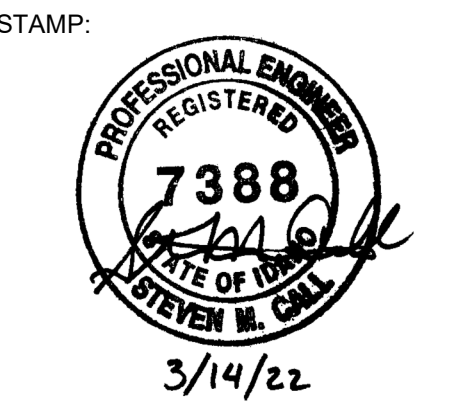
SYMBOL LEGEND

- WOOD WALL TYPE PER STRUCTURAL WALL SCHEDULE ON SHEET S3.0
- INDICATES SHEATHING SIDE OF WALL AT INTERIOR WALLS
- SIMPSON HOLDOWN. SEE DETAIL E/S3.0 FOR ANCHOR BOLT & EMBED REQUIREMENTS
- STEEL COLUMN TYPE. SEE COLUMN SCHEDULE ON SHEET S2.0
- SPREAD FOOTING TYPE. SEE FOOTING SCHEDULE ON SHEET S2.0
- CONTINUOUS FOOTING TYPE. SEE FOOTING SCHEDULE ON SHEET S2.0
- 114'-0" T.O.WALL SPOT ELEVATION MARKER



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CITY OF JEROME
 POLICE
 DEPARTMENT



229 1ST AVENUE
 EAST, JEROME ID

CONSULTANT:



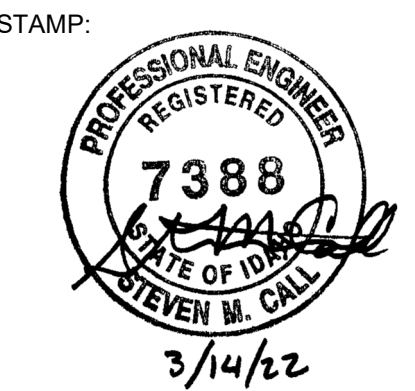
MRK	DATE	DESCRIPTION
1	5/9/22	ADDENDUM #2

JOB NO.: 20038.03
 DATE: 03/14/22
 DRAWN BY: AMC
 CHECKED BY: SMC

PHASE: PERMIT SET

BELOW CEILING FRAMING PLAN

SHEET NO.
S2.1



**CITY OF JEROME
POLICE
DEPARTMENT**



**229 1ST AVENUE
EAST, JEROME ID**

CONSULTANT:
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ENGINEERING, PA
Structural Engineers
2939 North Cole Road
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Boise, Idaho 83704
Phone (208) 321-2656

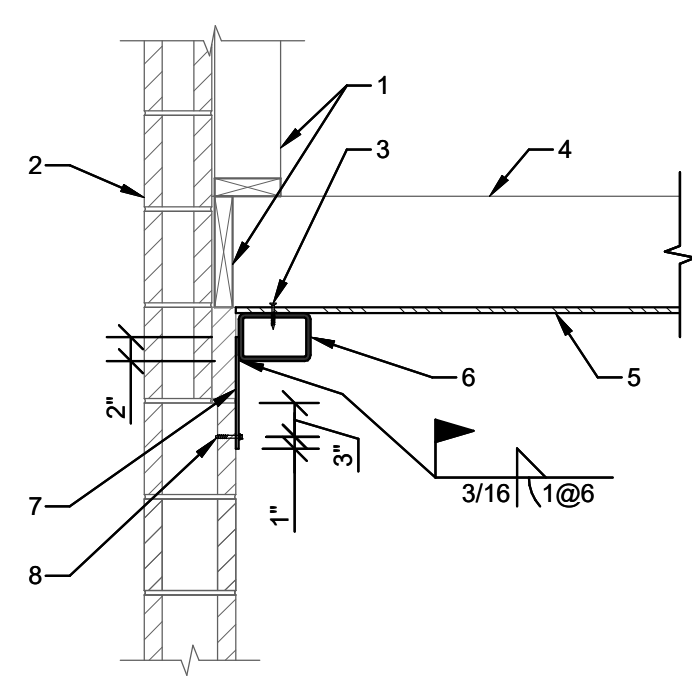
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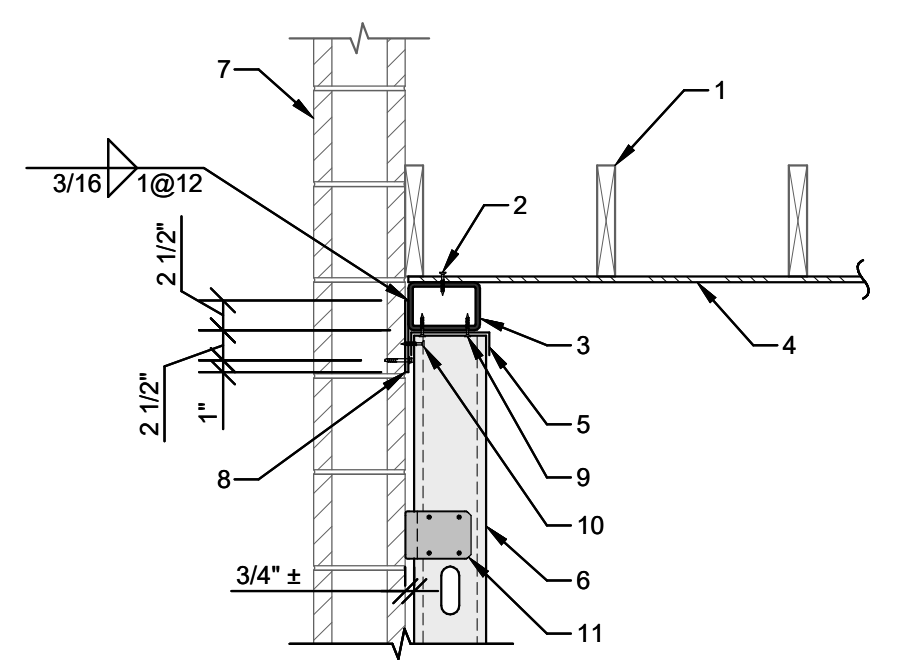
**STRUCTURAL
DETAILS**

SHEET NO.
S4.3



- EXISTING FRAMING
- EXISTING MASONRY
- SIMPSON TB SCREWS @ 6" OC
- EXIST CEILING JOIST
- CEILING SHEATHING
- HSS 6x4
- PL 3/16x8 REQ'D FULL LENGTH OF WALL BREAK @ STL COLUMNS (4" LENGTH MIN)
- SIMPSON TITEN 2 SCREW @ 8" OC

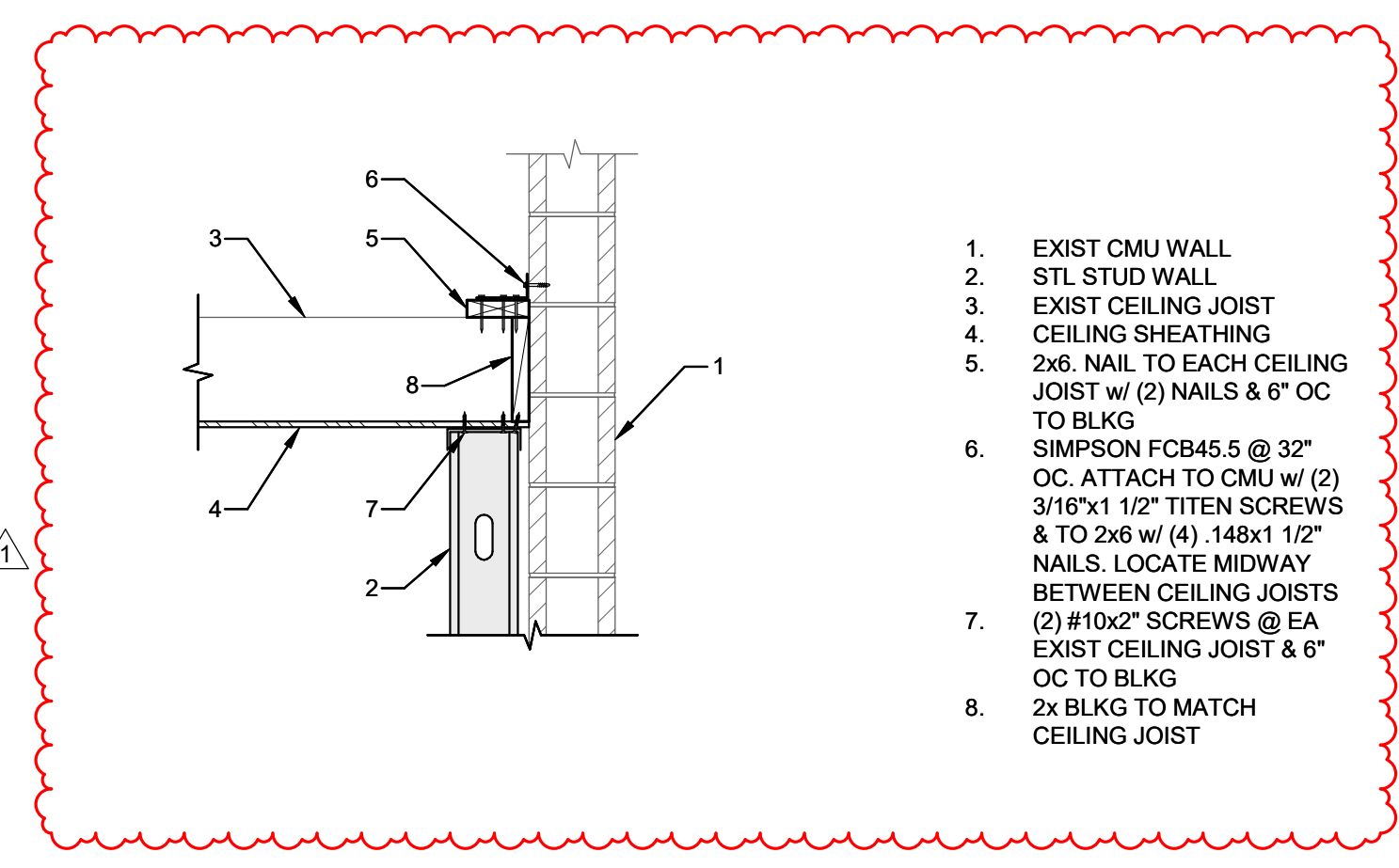
NOTE:
STL STUD WALL BELOW HSS 6x4 NOT SHOWN FOR CLARITY.
ATTACH TRACK w/ (2) #10 SCREWS @ 16" OC



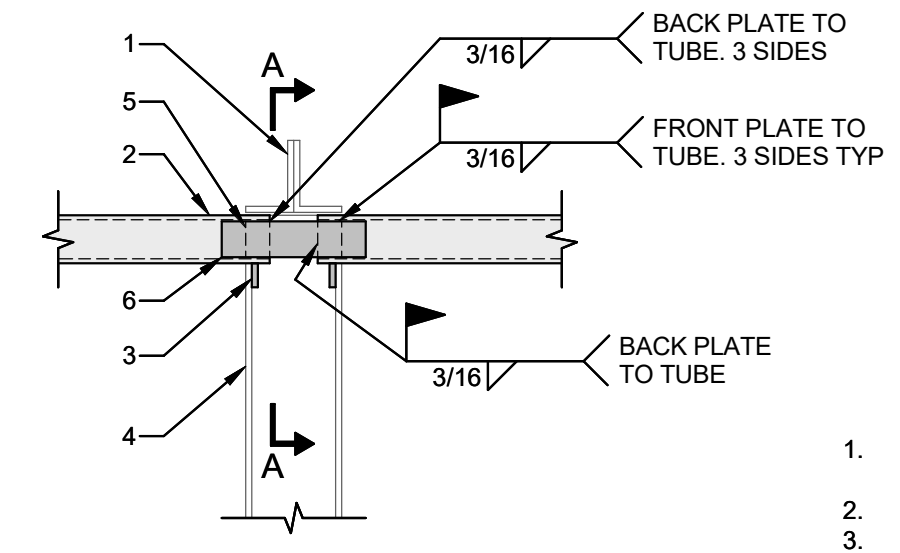
- EXIST CLG JOISTS
- #10x1.25" SELF-TAPPING SCREW @ 6" OC
- HSS 6x4 DRAG COLLECTOR
- CEILING SHEATHING PER CSN
- STEEL STUD TRACK
- STEEL STUDS @ 16" OC
- EXIST MASONRY WALL
- PL 3/16x8 FULL LENGTH (STOP 4" FROM FACE OF COL. TYP. MINIMIZE NUMBER OF HORIZ JOINTS) w/ SIMPSON TITEN 2 SCREWS @ 12" OC (4" OC @ SIM). DEEPEN PL IF REQ'D TO ENGAGE MASONRY
- #10x1" SELF-TAPPING SCREWS @ 16" OC (2) ROWS
- SCREW FROM STUD TO TRACK @ CONTRACTOR'S OPTION
- SIMPSON FCB45.5

1 HSS DRAG COLLECTOR TO EXIST @ NORTH WALL
3/4" = 1'-0"

2 WALL ANCHORAGE E & W WALLS
3/4" = 1'-0"



- EXIST CMU WALL
- STL STUD WALL
- EXIST CEILING JOIST
- CEILING SHEATHING
- 2x6 NAIL TO EACH CEILING JOIST w/ (2) NAILS & 6" OC TO BLKG
- SIMPSON FCB45.5 @ 32" OC. ATTACH TO CMU w/ (2) 3/16"x1 1/2" TITEN SCREWS & TO 2x6 w/ (4) .148x1 1/2" NAILS. LOCATE MIDWAY BETWEEN CEILING JOISTS
- (2) #10x2" SCREWS @ EA EXIST CEILING JOIST & 6" OC TO BLKG
- 2x BLKG TO MATCH CEILING JOIST



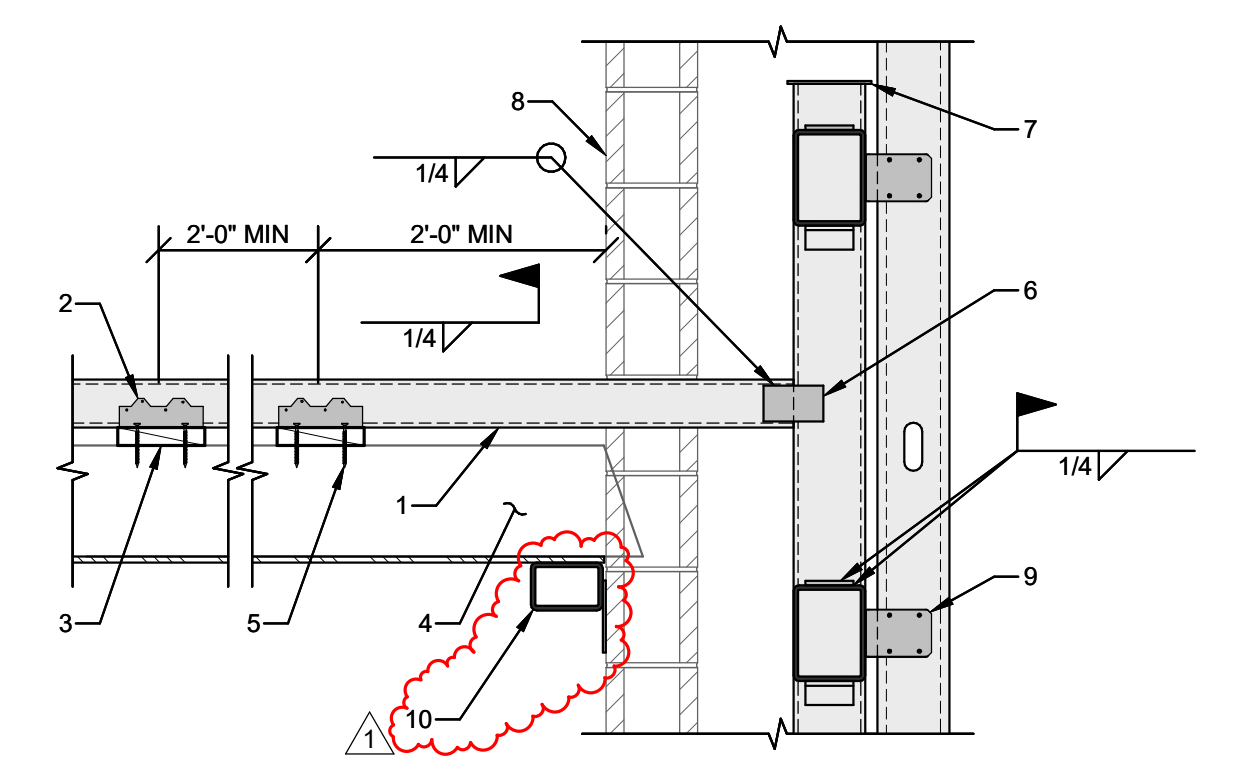
- EXIST STEEL TRUSS WHERE OCCURS
- HSS 6x4 FLAT
- PL 1/2x2x9 EA FLANGE OF EXIST COL
- EXIST STEEL COL
- PL 1/4x3x8 BACK PLATE
- PL 1/4x3x12 FRONT PLATE

NOTE:
A. CENTER SPLICE ON EXISTING COLUMN
B. MASONRY WALL AND CEILING FRAMING NOT SHOWN FOR CLARITY

SECTION A-A

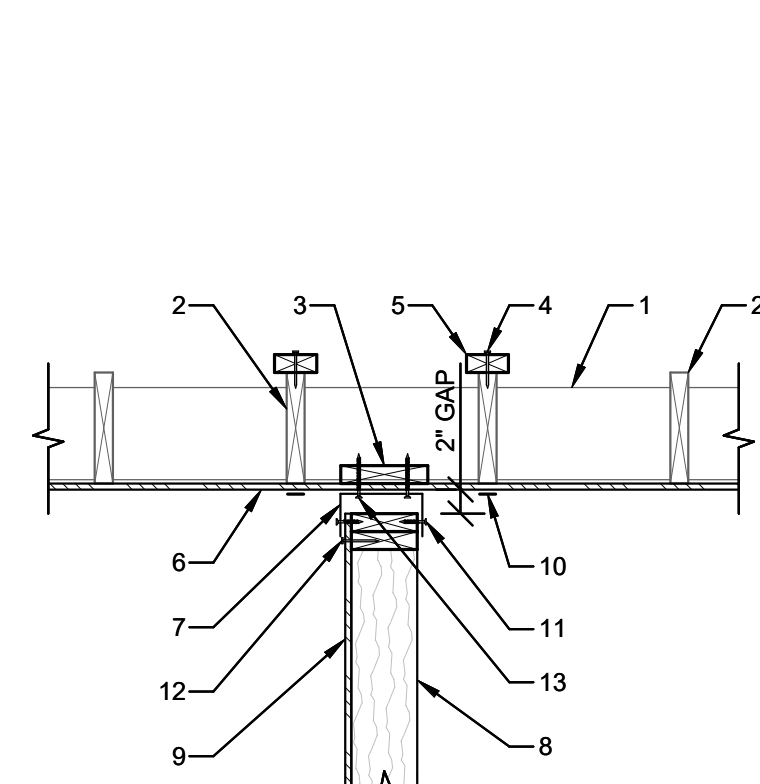
3 WALL ANCHORAGE SOUTH WALL
3/4" = 1'-0"

4 HSS SPLICE
3/4" = 1'-0"



- HSS 4x6x3/16 FLAT
- SIMPSON L70 EA SIDE OF HSS 4x6. ATTACH TO HSS w/ #10 SCREWS ALL HOLES. ATTACH TO 2x8 FLAT w/ SIMPSON SD9112 ALL HOLES
- 2x8x3'-0" SPAN OVER (3) EXIST CLG JOISTS w/ (2) SIMPSON SDS 25412 SCREWS TO EA JOIST
- EXIST CEILING JOISTS
- NAIL @ 6" OC SHEATHING TO JOISTS SUPPORTING 2x8 FLAT
- PL 3/8x3x5 EA SIDE
- CAP PL 3/16x7x7
- EXISTING MASONRY WALL
- SIMPSON FCB45.5
- HSS DRAG COLLECTOR. SEE DETAIL 2/S4.3

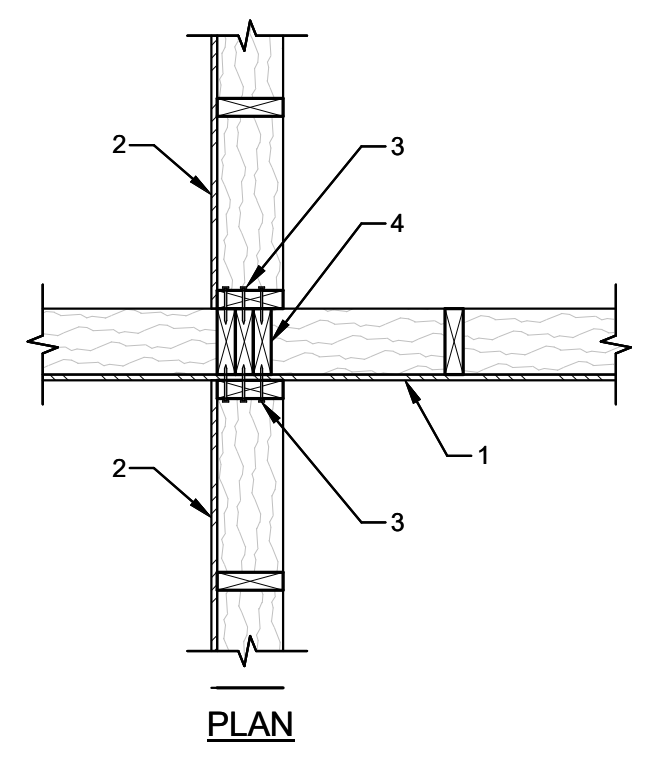
5 HSS BRACE TO EXIST JOISTS
3/4" = 1'-0"



- STL TRUSS BOT CHORD BEYOND
- EXIST. CLG JOIST
- 2x8 FLAT
- NAIL @ 6" OC
- 2x4x8'-0" TO EXIST. CLG JOIST EA SIDE OF SHEAR WALL CENTER ON STL TRUSS
- CEILING SHEATHING 600SDLT325-54. LOCATE JOINTS MIDWAY BETWEEN ROOF TRUSSES
- 2x6 STUD SHEAR WALL PARALLEL TO ROOF JOISTS
- WALL SHEATHING
- SIMPSON CS20x5'-0". NAIL EVERY OTHER HOLE EA LINE OF HOLES. CENTER STRAP ON TRUSS. NAIL SHEATHING TO JOIST @ 6" OC WHERE NO STRAP OCCURS
- SIMPSON SD SCREW #9x1.5" @ 6" OC EA SIDE. TIGHTEN TO CONTRACT w/ TRACK. DO NOT OVER-TIGHTEN
- NAIL SHEATHING TO BOTTOM DBL TOP PLATE @ 6" OC
- #8x2" SCREW @ 6" OC FROM STEEL TRACK THRU SHEATHING & INTO 2x8

NOTE:
IF JOIST OCCURS DIRECTLY ABOVE WALL, OMIT 2x8 FLAT & ATTACH TRACK TO JOIST w/ SCREWS @ 4" OC. OFFSET ITEM 4 TO ADJACENT CLG JOIST

6 CLG DRAG COLLECTOR
3/4" = 1'-0"



- WALL SHEATHING TO EXTEND CONT THRU CROSS WALL
- BREAK WALL SHEATHING @ CROSSWALL
- NAIL @ 12" OC EA STUD
- 2x6 STUDS TYP

PLAN

7 SHEAR WALL INTERSECTION
3/4" = 1'-0"