

ADDENDUM NO. 3

DATE: May 23th 2013

PROJECT: Felix Fraga Academic Center Level 3
Renovation

LOCATION: 301 N. Drennan St. Houston, Texas 77003

PROJECT NO.

DISTRIBUTION:
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NO. PAGES: 1

PREPARED BY: Smith & Company Architects, Inc



05/23/2013

This addendum forms a part of the Specifications for the Felix Fraga Academic Center Level 3 Renovation for Houston Community College, documents posted on April 22, 2013 for the subject project and modifies/add to them as noted below.

CHANGES TO DRAWINGS

1. Replace Sheet A2.30 Reflected Ceiling Plan, Dated April 22, 2013, Replace with attached sheet A2.30 Reflected Ceiling Plan, Dated May 23, 2013.
2. Replace Sheet A2.31 Enlarged Reflected Ceiling Plan & Ceiling Details, Dated April 22, 2013, Replace with attached sheet A2.31 Enlarged Reflected Ceiling Plan & Ceiling Details, Dated May 23, 2013
3. Replace Sheet A4.01 Schedules, Legends & Notes, Dated April 22, 2013, Replace with attached sheet A4.01 Schedules, Legends & Notes, Dated May 23, 2013

END OF ADDENDUM NO. 3

- ① EXISTING CEILING TO REMAIN AND PAINTED
- ② NO WORK SCHEDULE
- ③ NEW ARMSTRONG WOODWORKS CONCEALED 2X4 GRID SYSTEM HUNG FROM STRUCTURE
- ④ DA-LITE NEW ADVANTAGE ELECTROL (CEILING RECESSED ELECTRIC SCREEN) - 69 inches x 92 inches - PROVIDE SCREEN, POWER, SWITCH AND CONDUIT - REF. ELEC.
- ⑤ CEILING MOUNTED DATA PROJECTOR PROVIDED & INSTALLED BY OWNER. CONTRACTOR TO INSTALL CONDUIT - REF. ELEC.
- ⑥ NO CEILING - OPEN TO STRUCTURE ABOVE PAINTED BLACK
- ⑦ DA-LITE NEW ADVANTAGE ELECTROL (CEILING RECESSED ELECTRIC SCREEN) - PART # 84328LS

KEY NOTES

NO SCALE **15**

LEGEND

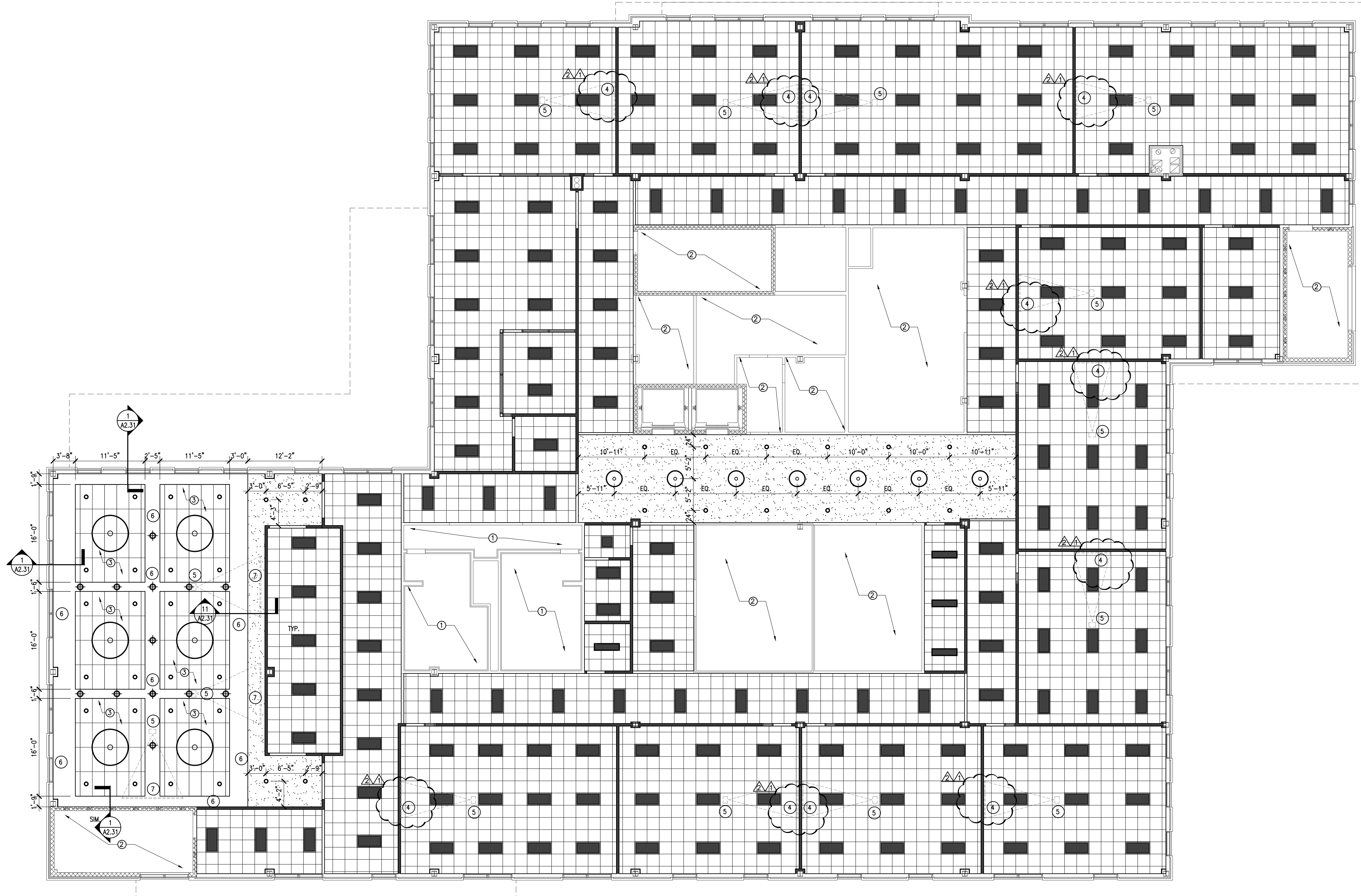
- NEW DECORATIVE PENDANT HUNG FIXTURE
- ⊕ NEW DECORATIVE PENDANT HUNG FIXTURE
- NEW 8 INCH RECESSED CAN FIXTURES
- NEW 1x4 SURFACE MOUNTED FLUORESCENT FIXTURES
- NEW 2x4 RECESSED FLUORESCENT FIXTURES
- NEW 2x2 RECESSED FLUORESCENT FIXTURES
- NEW PAINTED GYP. CEILING
- NEW 2X2 CEILING TILE AND 2X2 GRID SYSTEM

- 1. SEE ELECTRICAL DWG'S FOR LIGHT FIXTURE TYPES.
- 2. MECHANICAL DEVICES NOT SHOWN FOR CLARITY - REF. MECHANICAL
- 3. ALL CEILING ARE 2x2 CEILING TILE AND GRID U.N.O.
- 4. REFER TO SHEET A3.03 FOR FINISH SCHEDULE

NO SCALE **10**

GENERAL NOTES

NO SCALE **5**



LEVEL 3 OVERALL FLOOR PLAN

1/8" = 1'-0" **1**

ISSUE LOG

NO.	DATE	DESCRIPTION
△	5-13-2013	ADDENDUM 1
△	5-23-2013	ADDENDUM 3

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SEAL:



PROJECT NAME :

**FELIX FRAGA
ACADEMIC CENTER
LEVEL 3 RENOVATION
HOUSTON COMMUNITY COLLEGE**

301 NORTH DRENNAN ST.
HOUSTON, TX 77003



KEY MAP:

REVIEWED:

PROJECT MANAGER _____ SPONSORING DEPARTMENT _____

PROJECT MANAGER _____

CONSULTANT(S) :

DATE : APRIL 22, 2013
PROJECT NO.: N012813
SCALE :
DRAWN BY : JAW
CHECKED BY : TDS

SHEET TITLE :

**LEVEL 3
REFLECTED
CEILING PLAN**

SHEET NO. :

A2.30

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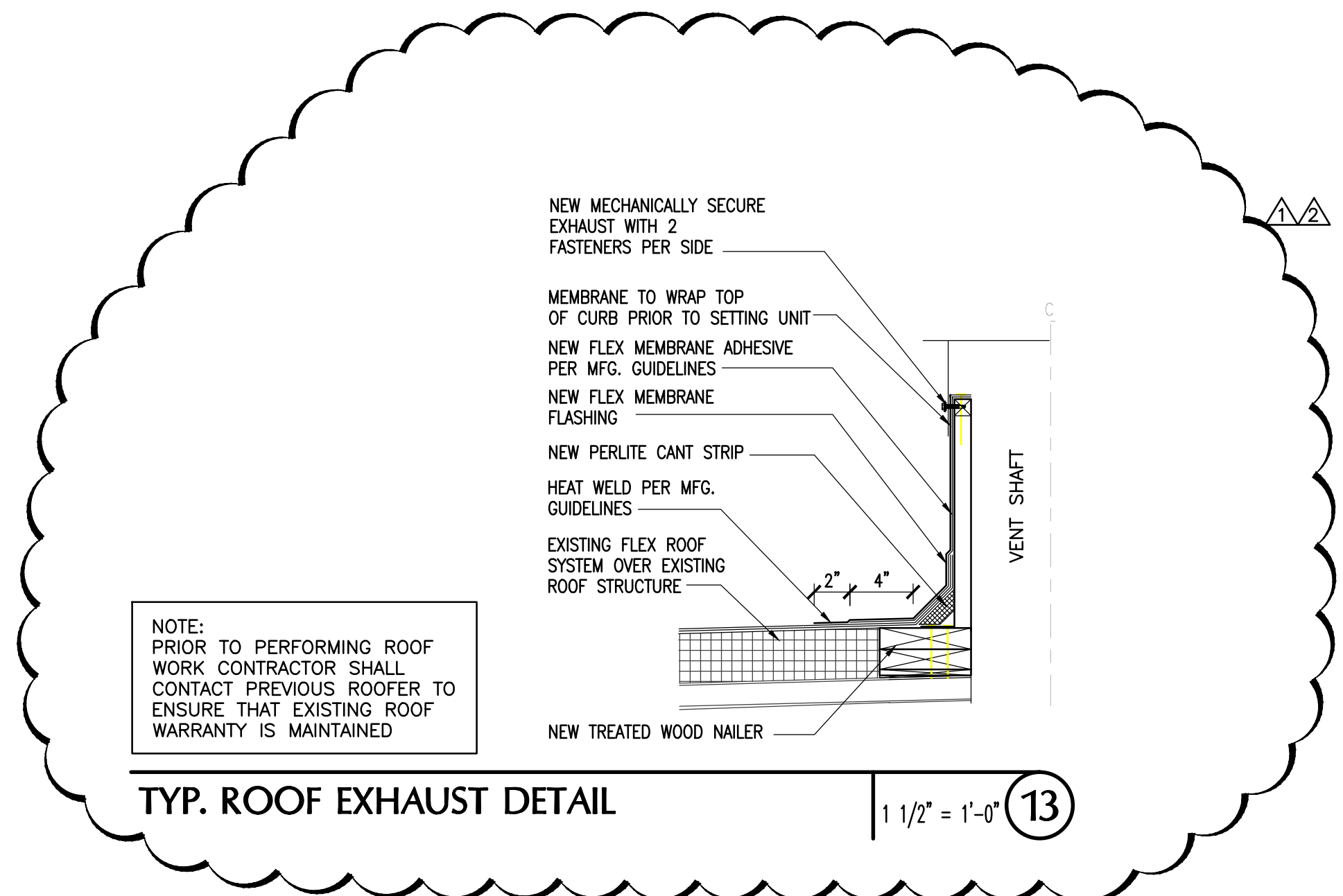
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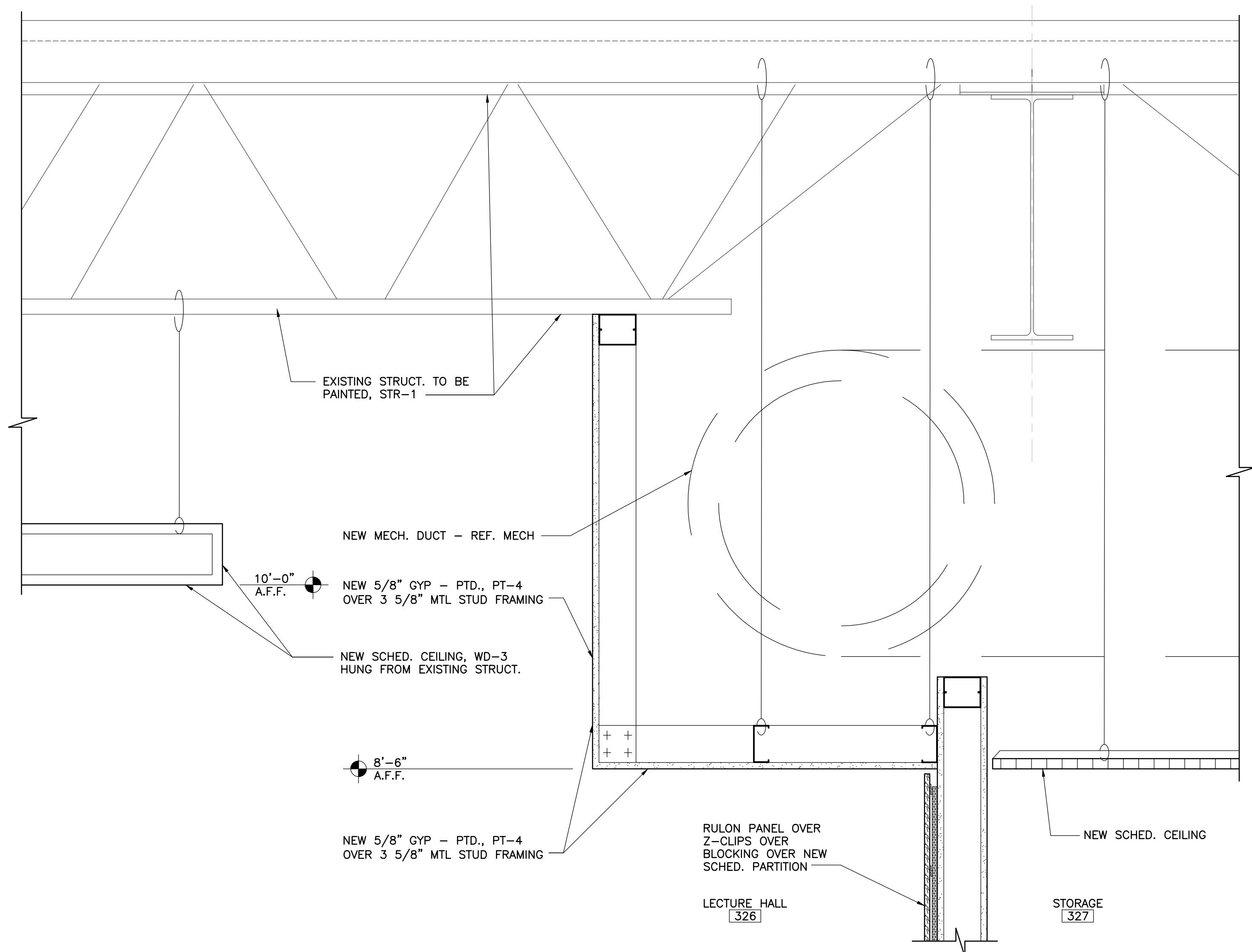
CEILING DETAILS

SHEET NO. :
A2.31

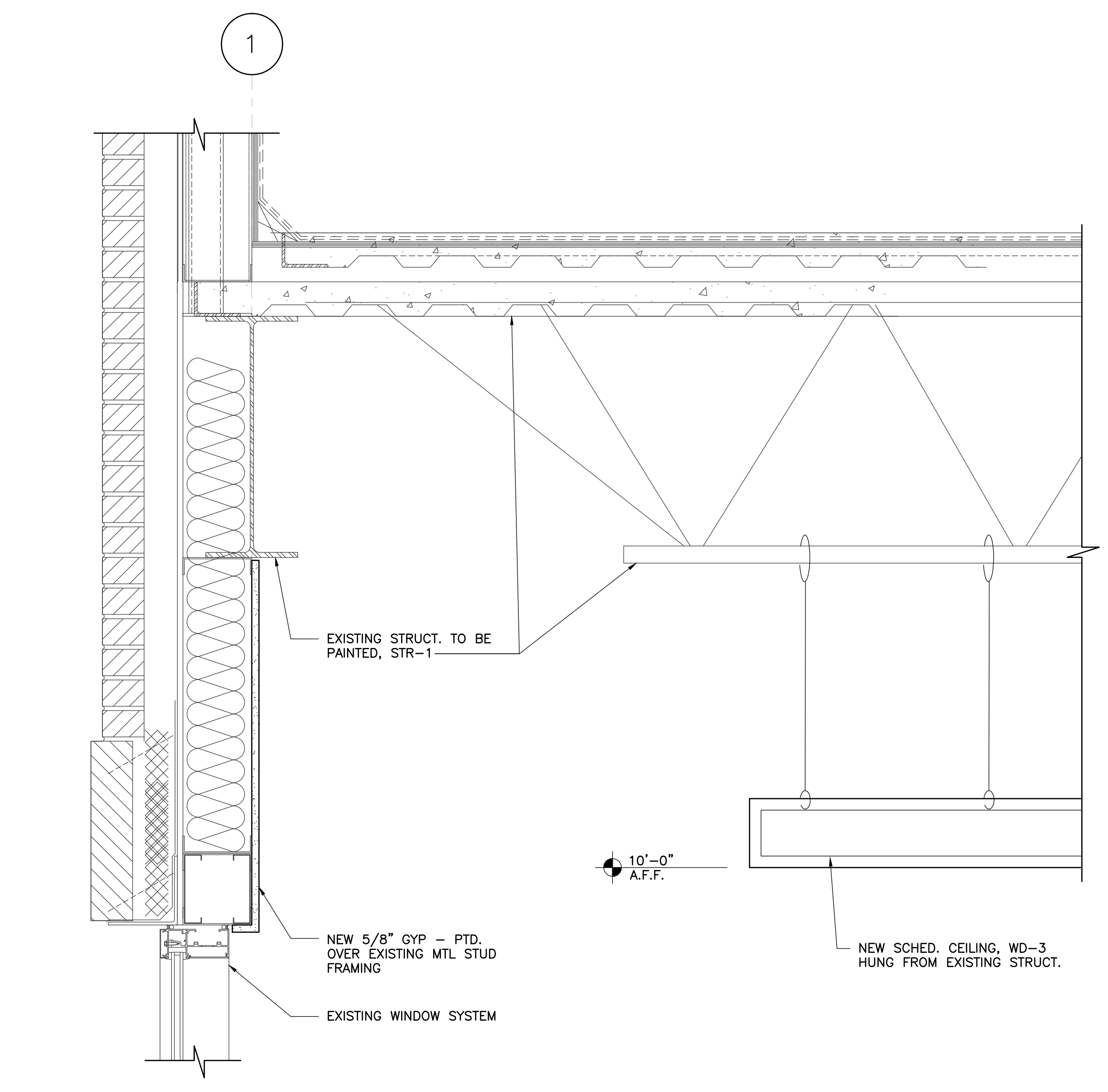


- GENERAL NOTES
1. SEE ELECTRICAL DWG'S FOR LIGHT FIXTURE TYPES.
 2. MECHANICAL DEVICES NOT SHOWN FOR CLARITY - REF. MECHANICAL
 3. ALL CEILING ARE 2x2 CEILING TILE AND GRID U.N.O.
 4. REFER TO SHEET A3.03 FOR FINISH SCHEDULE

NO SCALE 3



CEILING DETAIL 1 1/2" = 1'-0" 11



CEILING DETAIL 1 1/2" = 1'-0" 1

SYMBOL LIBRARY			
TOP VIEW	FRONT VIEW	SIDE VIEW	DESCRIPTION
			DATA/VOICE - WALL MOUNT
			DATA/VOICE - BENCH MOUNT ELECTRICAL CIRCUIT SYMBOL 120V - WALL MOUNT ELECTRICAL CIRCUIT SYMBOL 220V - BENCH MOUNT ELECTRICAL CIRCUIT SYMBOL 120V - BENCH MOUNT EYEWASH - BENCH MOUNT
			DOUBLE TURRET - BENCH MOUNT SINGLE TURRET - BENCH MOUNT VALVE - BENCH MOUNT
			HOT/COLD WATER (HCW) FAUCET DEIONIZED WATER (DI) FAUCET COLD WATER (CW) PANEL MOUNT (IN HOOD)
			CUP SINK (CS) EPOXY RESIN SINK PEGBOARD
			SNORKEL (ADJUSTABLE) DIRECT CONNECT EYEWASH/SAFETY SHOWER - FLOOR MOUNT
			FUMEHOOD HOOD ENCLOSURE TURRET - PANEL MOUNT (IN HOOD)
			VALVE FUME HOOD REMOTE CONTROL HANDLE USED AT FUME HOODS DOUBLE COLD WATER TURRET - BENCH MOUNT

CASEWORK / FUME HOOD SPECIFICATIONS

- CASEWORK**
- All Casework shown on the Plans and Elevations will be:
 - Wood Casework manufactured by Mott Manufacturing Co. or approved.
 - Cabinet Door and Drawer cores will be Particle Board Plywood.
 - Standard Overlay Reveal.
 - Standard front and back rail cabinets.
 - Standard full extension drawer slides.
 - Door & Cabinet Pulls - standard Option 62'
 - Door / Hinges - standard Option 20.
 - Door Pull - configuration 1; standard.
 - Door Systems - standard.
 - Lock Type - Option LK4. (ALL CABINETS AND DRAWERS WILL REQUIRE LOCKS)
 - All casework Tops and Splashes will be modified epoxy resin.
 - All tops will be factory cut for all necessary openings for all mechanical / electrical & plumbing fixtures.
 - All mechanical / electrical & plumbing fixtures will be as shown on the MEP Drawings and Specifications.
 - Approved Wood Casework vendors are:
 - Kewanee Scientific (Hallmark)
 - Halderman Homme
 - All Exhaust Fume Hoods shown on the Plans and Elevations will be:
 - Therma Scientific Hamilton / SafeAire II restricted bypass superstructure of approved equal
 - Fume Hood Size 72" unless noted otherwise.
 - Collar size 6" X 23"
 - 100 FPM vertical sash - 18" opening / 785 FPM - SP 0.13
 - All Fume Hoods shall have Ceiling Closure Panels provided by the Hood Manufacture. Coordinate height of closure panel with actual ceiling heights.
 - All Fume Hood Tops and Splashes will be modified epoxy resin.
 - All tops will be factory cut for all necessary openings for all mechanical / electrical & plumbing fixtures.
 - All mechanical / electrical & plumbing fixtures will be as shown on the MEP Drawings and Specifications.
 - Approved Fume Hood vendors are:
 - Mott Manufacturing Co.
 - Kewanee Scientific (Hallmark)
- All Biological Safety Cabinets shown on the Plans and Elevations will be:
 Labconco - Purifier Logic + Class II complete with hood and leg assemblies.
 • Include all lights, electrical outlets, stainless steel tops and surfaces.
 • BSC Hood to be ADA-Compliant and will include all service fixtures and utilities as shown on the MEP Drawings and Specifications.

TURNKEY INSTALLATION SPECIFICATIONS:
(PROVIDED BY LABORATORY CASEWORK/FUME HOOD MANUFACTURER/SUBCONTRACTOR.)

- ERECTION**
- Take field measurements so that factory can fabricate tops and other items of equipment to fit space allotted.
 - Unload all items of laboratory equipment at jobsite.
 - Inspect all items for visible and concealed damage (report any damage to carrier). Inspect all tops for chips and breakage. Inventory all items (report shortages in writing).
 - Move to proper location where equipment is to be installed. Set, level, anchor and scribe to walls.
 - Furnish hangers, fasteners, compounds and silicones necessary to secure each piece of equipment to walls, floors and ceilings. Set mechanical fixtures, large sinks and cup sinks and electrical fixtures permanently in place.
 - Supply and install base molding on laboratory equipment to match building cove molding.

- SANITARY DRAIN SYSTEM**
- Supply and install epoxy sinks, sink strainers, traps and drain line material from opening in sink to point of rough-in within each assembly.
 - Cup sinks shall be provided with AP traps; all other sinks shall be provided with non-siphoning APG drum traps.
 - RE to MEP Plans and Specifications for all drain line materials.

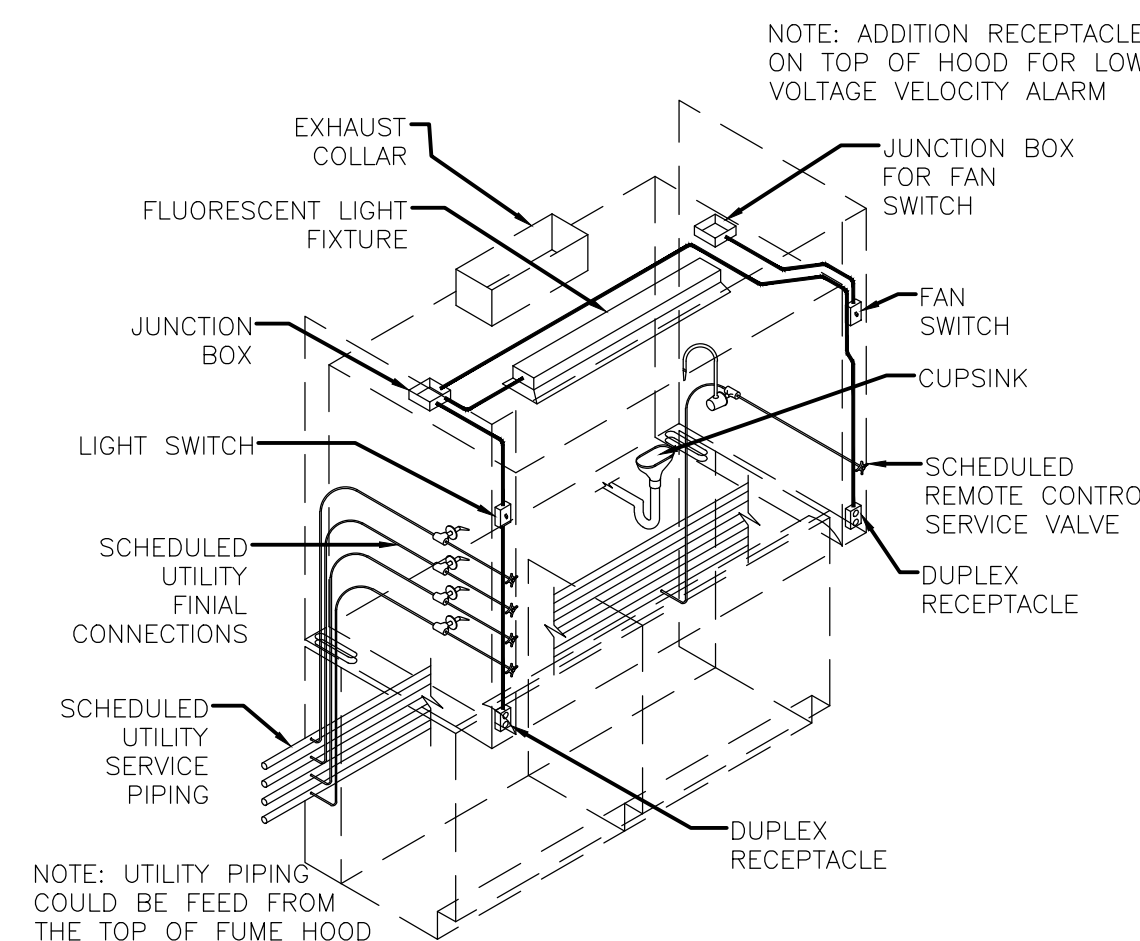
- SERVICE PIPING**
- Furnish service piping from shank on each fixture to point of rough-in.
 - Rough-in shall be provided with cut-off valve one time for each service within each assembly of equipment.

- ELECTRICAL**
- Furnish electrical conduit and wiring from each receptacle to junction box within each assembly. This includes interlocking blower with blower switch and light with light switch for fume hoods. Also includes disconnect switches and motor starters as required for each blower.
 - All wiring to be in accordance with the current issue of the National Electric Code and/or specifications for this project.

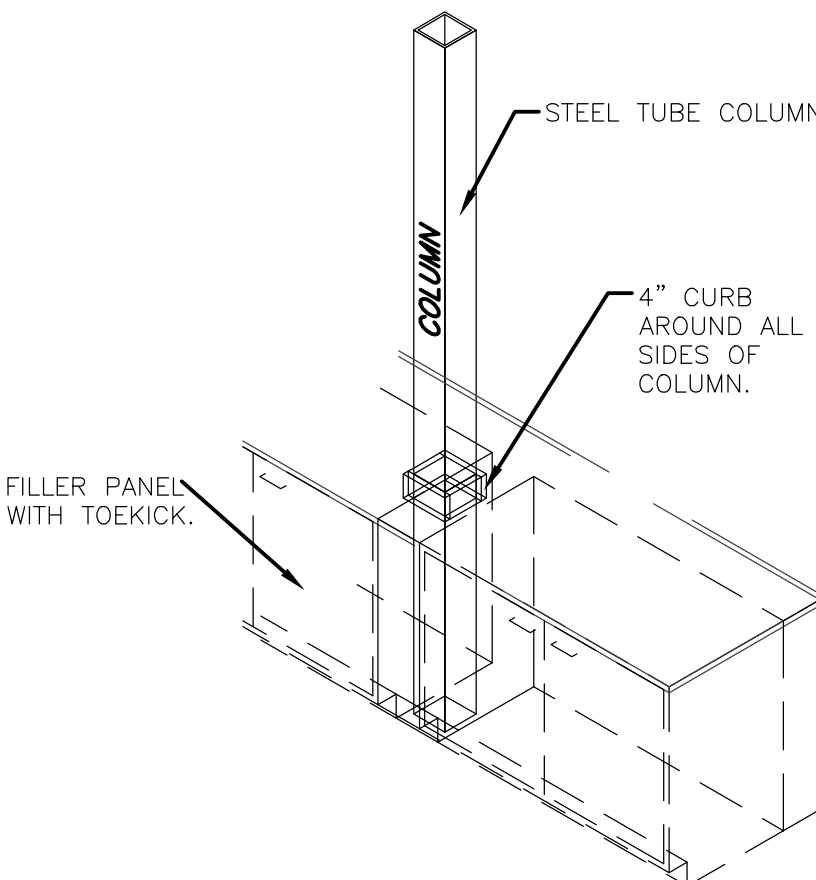
- DUCT AND BLOWER SYSTEM**
- Make in roof and duct flashing shall be provided as required by General Contractor.
 - Set exhaust blower(s) permanently in place, furnishing blower foundation and vibration isolators.
 - Furnish Fume Hood and exhaust BSC exhaust duct from collar on hood to blower and from blower to atmosphere. A Zero Static Pressure Loss Stack head (ZSPL) will be attached to the outlet of the exhaust fan.
 - RE to MEP Plans and Specifications for all exhaust duct material.
 - Perform fume hood certification in accordance with the ASHRAE / ANSI 29.5 procedure. Adjust exhaust blower to produce 100 fpm average face velocity. Submit hood certification chart on each hood to Owner. Attach one certification sticker to face of each hood.

- MISCELLANEOUS**
- Clean, test and adjust ready for use.
 - Remove all trash and put in dumpster, dumpster provided by others.
 - One year warranty on work.

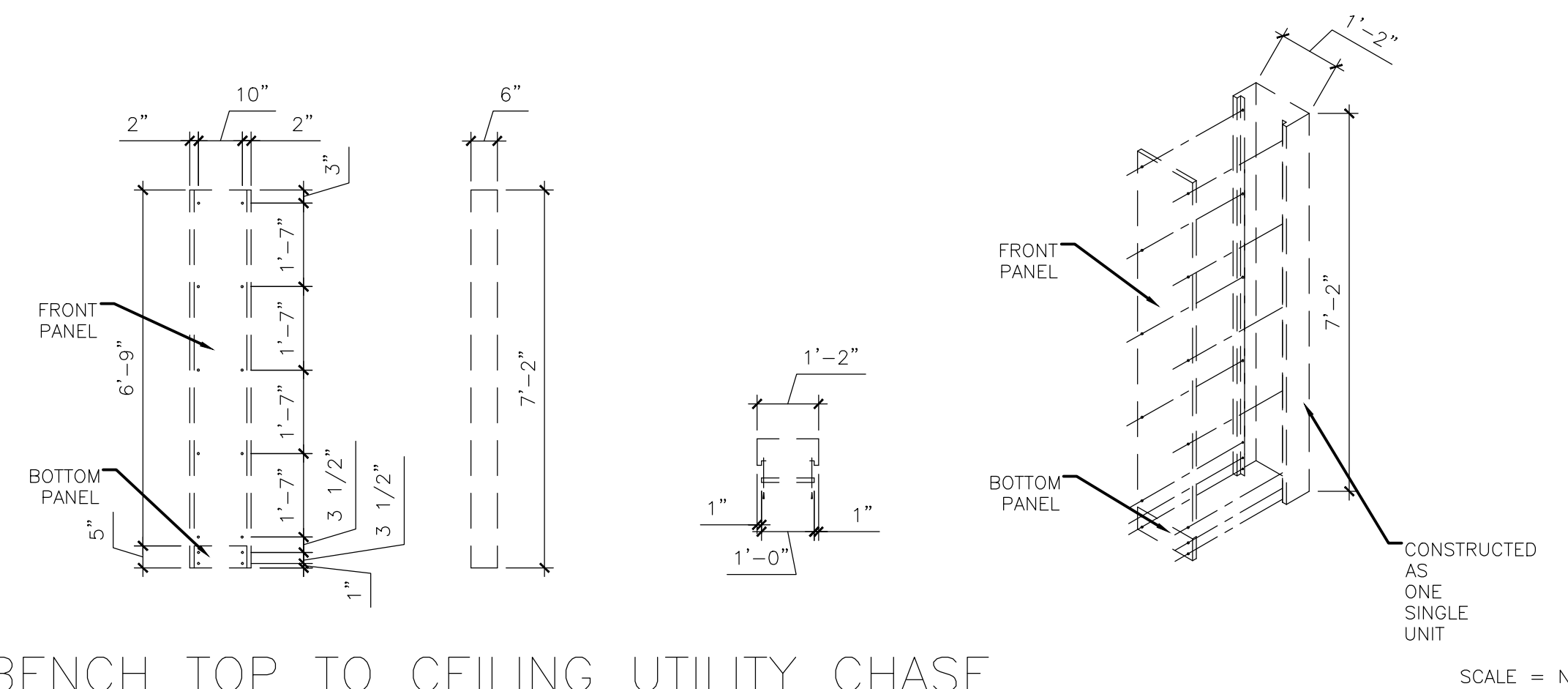
- WORK BY OTHERS**
- Rough-in of services as noted.
 - Grounds in wall for support of wall cases or shelving.
 - Properly vented drain rough-ins.



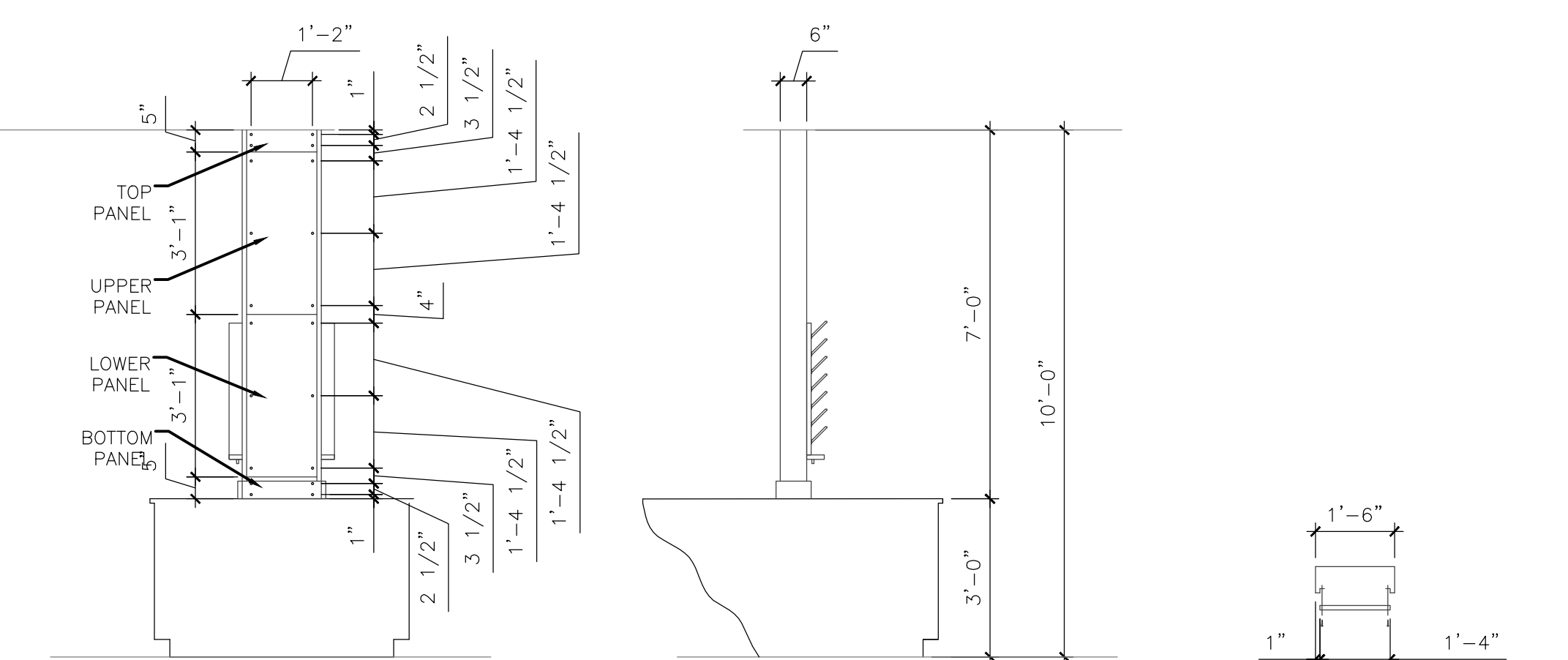
TYPICAL FUME HOOD UTILITY ARRANGEMENT SCALE = NTS



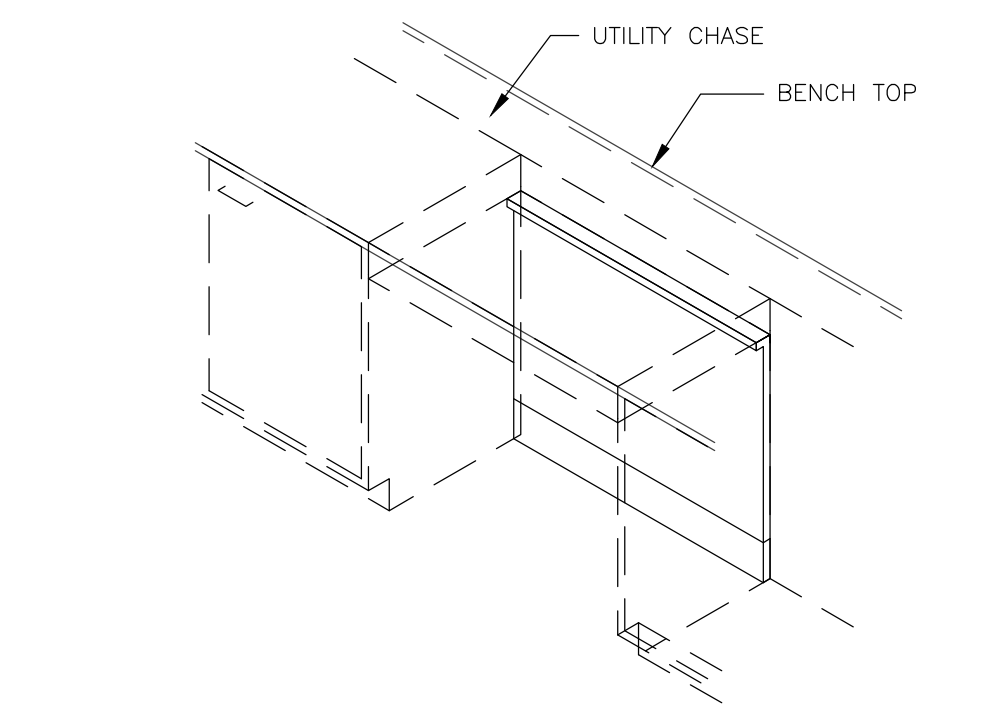
COLUMN/CASEWORK INTERSECTION SCALE = NTS



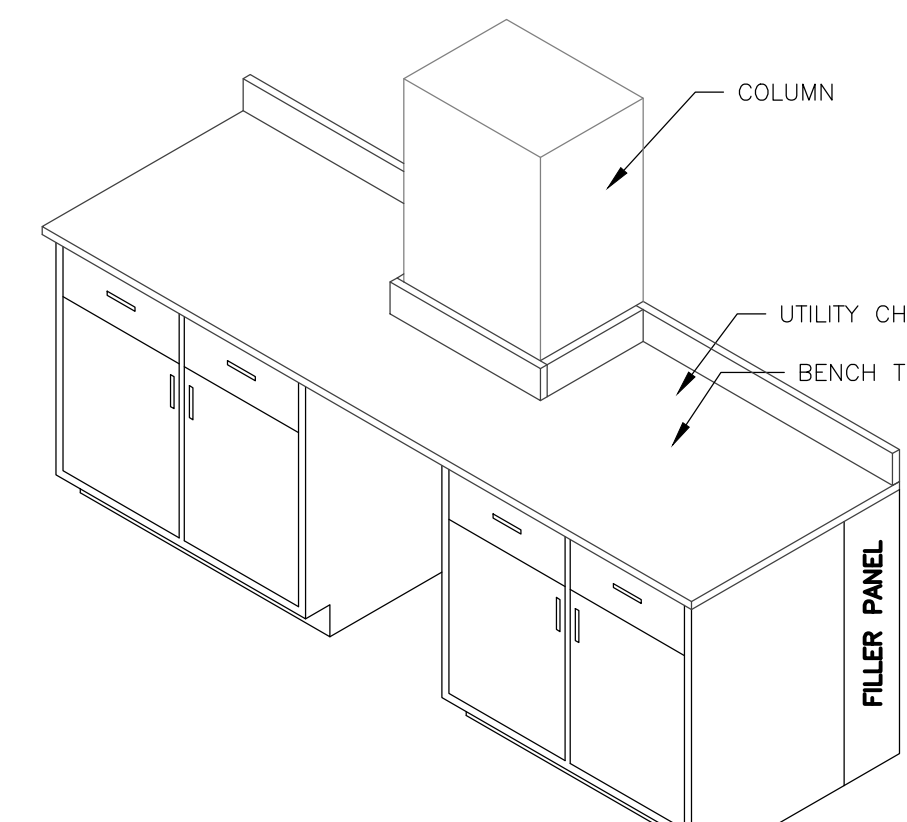
BENCH TOP TO CEILING UTILITY CHASE SCALE = NTS



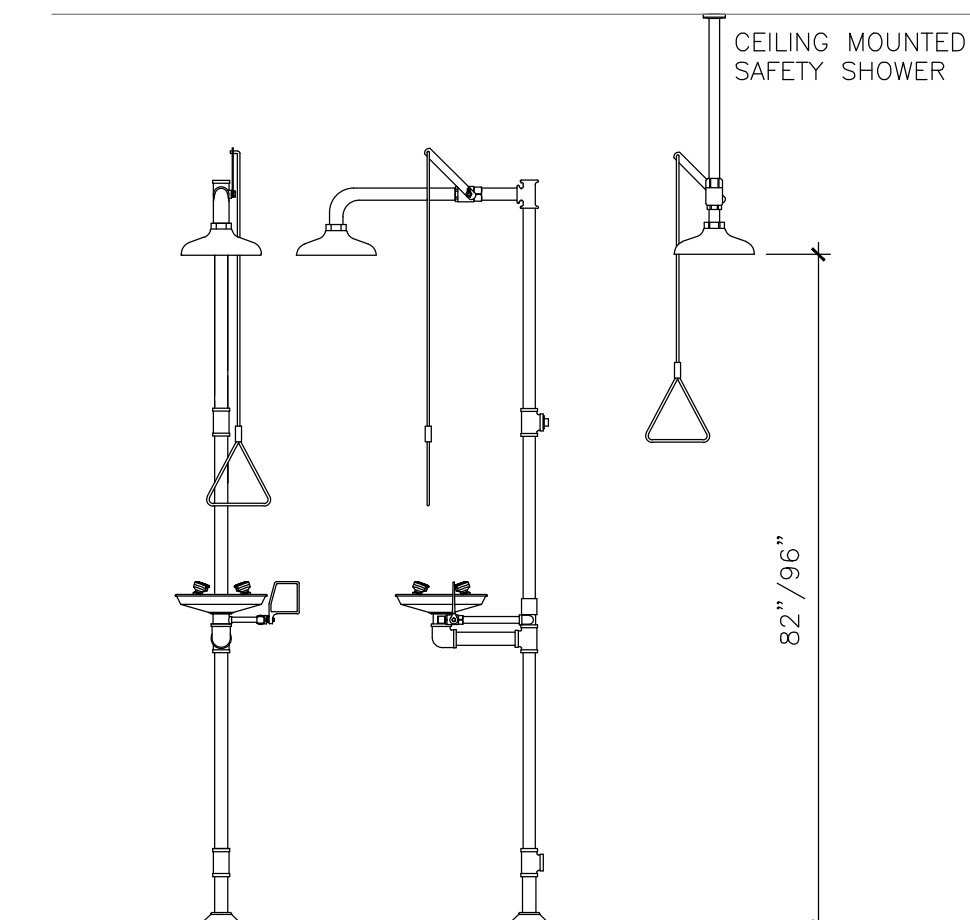
DETAIL - BENCHTOP TO CEILING UTILITY CHASE SCALE = NTS



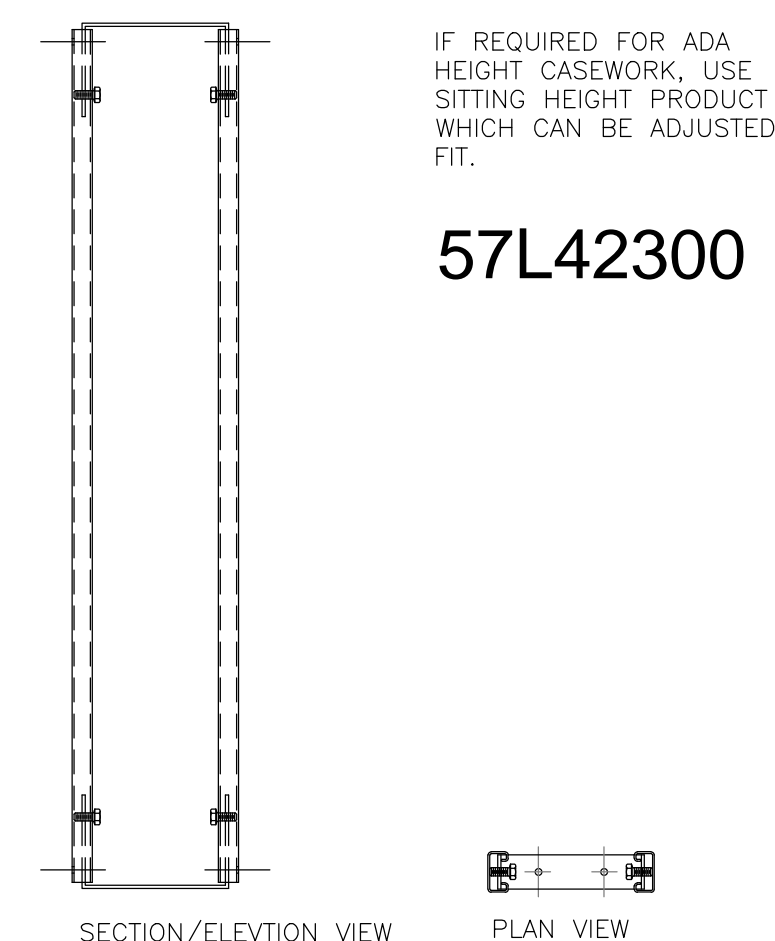
KNEE SPACE PANEL SCALE = NTS



KNEE SPACE PANEL COLUMN SCALE = NTS



SAFETY SHOWER / EYE WASH SCALE = NTS



STRUT ASSEMBLY SCALE = NTS

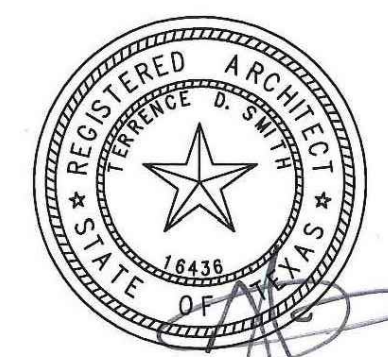
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CHECKED BY : TDS

SHEET TITLE :

SCHEDULE, LEGENDS & GENERAL NOTES

SHEET NO. :

A4.01