Central Community College – Kearney Center
Addendum 2

Kearney, Nebraska
1501

Wilkins Architecture Design Planning
2908 West 39th Street, Suite A
Kearney, Nebraska 68845
308-237-5787

Date Issued: February 18, 2016
Bid Date: February 23, 2016

TO ALL BID DOCUMENT HOLDERS OF RECORD:

Acknowledge receipt of this addendum by inserting its number in the space provided on the BID FORM. Failure to do so may subject Bidder to disqualification. This Addendum forms a part of the BIDDING DOCUMENTS and modifies them as follows.

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Addendum 2 – 1 **Project Manual – TABLE OF CONTENTS**
Add specification section: 06 1000 Rough Carpentry

Addendum 2 – 2 **Specification Section - 03 3000 CAST-IN-PLACE CONCRETE**
Under 2.4.B.1., change to "NDOR 47B or 3/4 inch nominal." In lieu of "3/4 inch nominal."

Addendum 2 – 3 **Specification Section - 06 1000 ROUGH CARPENTRY**
Insert attached specification section.

Addendum 2 – 4 **Specification Section - 07 4113 METAL ROOF PANELS**
At 1.4, add the following:
H. As Builts: Provide final "as built" drawings indicating layout and locations of metal roof attachment points.

Addendum 2 – 5 **Specification Section - 07 6200 SHEET METAL FLASHING AND TRIM**
At 1.1, add the following:
D. Downspouts, gutters, and conductor heads

Addendum 2 – 6 **Specification Section - 07 6200 SHEET METAL FLASHING AND TRIM**
At 2.1.A, add the following:
2. Face Sheet: Minimum 20 gage nominal uncoated thickness.

Addendum 2 – 7 **Specification Section - 08 7100 DOOR HARDWARE**
At Hardware Schedule
Set: 15.0, change door 314 to be 314.1
Set: 16.0, change description to read: "Interior Alum Door or Wood Door"
Set: 18.0, change description to read: "Interior Wood Door"
Set: 21.0, change description to read: "Interior Wood Door"
Set: 22.0, change description to read: "Interior Wood Door"
Set: 23.0, change description to read: "Interior Alum Door or Wood Door"
Set: 23.0 change door 314.1 to be 314
Set: 25.0, change description to read: "Interior Wood Door"

Addendum 2 – 8 **Specification Section – 09 5100 SUSPENDED ACOUSTICAL CEILINGS**
The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**
Hunter Douglas Contract: www.hunterdouglascontract.com

Addendum 2 – 9 **Specification Section – 09 8400 ACOUSTIC ROOM COMPONENTS**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Sonic II Acoustical Wall Panels; Lamvin Inc.
ACCU-U-SOUND ATP, Quiet Technology Systems

Addendum 2 –10 **Specification Section – 10 5100 LOCKERS**

At paragraph 2.2 LOCKER APPLICATIONS, add paragraph B. to read " B. Open Access Metal Cubbies : 16 gauge steel construction, corrosion resistance, hemmed and beaded edges. Width: 15in, Depth: 15in, Height: 72in, Color: Full 24 color selections available to best match laminate accent colors; Each open Cubby to have bottom shelf and top shelf with two coat hooks in taller center area; Bottom shelf to be 24in AFF and Top shelf to be 24in below metal top cap. Basis of design XPB Lockers XPB-P2C-X www.xpblocker.com "

Addendum 2 –11 **Specification Section - 11 5100 AUDIO-VISUAL COMMUNICATION SYSTEMS**

PART 2 PRODUCTS
All Headings - VIDEO CONFERENCING SYSTEM & FACTORY SUPPORT
Updated contact information for Vyopta

Chris Gentsch
Vyopta
3755 S. Capital of Texas Highway
Suite 340
Austin, TX 78704
512-891-4200

Addendum 2 –12 **Specification Section – 11 5330 LABORATORY FUME HOODS**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Mott Manufacturing: www.wynnjones.com

Addendum 2 –13 **Specification Section – 12 3451 LABORATORY CASEWORK (LAMINATE)**

Add "Case Systems" as an approved manufacturer; All approved manufactures must comply with project drawings and specifications.

Addendum 2 –14 **Specification Section - 22 1316 DRAINAGE AND VENT PIPING**

Add the following to 2.2.F.1. "Above grade PP piping and fittings to be flame retardant.

Addendum 2 –15 **Specification Section - 23 0900 HVAC INSTRUMENTATION AND CONTROLS**

Add the following to 2.3.E.16.e: Provide interface with electrical metering system, see specification section 26 2714.

Addendum 2 –16 **Specification Section - 22 1123 DOMESTIC WATER PUMPS**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Wilo "Domestic Hot Water Circulator"

Addendum 2 –17 **Specification Section - 22 3300 DOMESTIC WATER HEATERS**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Bock "Domestic Hot Water Heaters"

Addendum 2 –18 **Specification Section - 22 4000 PLUMBING FIXTURES**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are**

subject for review during shop drawing submittal:

Stingray Systems “Emergency Shower & Eyewash”
Watts “Fixture Carriers”

Addendum 2 –19 **Specification Section - 23 2113 HYDRONIC PIPING**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

PRO Hydronic Specialties “Balancing Valves”
NuTech, PRO Hydronic Specialties “Automatic Flow Control Valves”
Patterson, American Wheatley “Expansion Tanks”
John Woods, J.L. Wingert “Glycol Makeup Package”
American-Wheatley, J.L. Wingert “Bypass chemical feeder”
American-Wheatley, Metraflex “Flexible Connectors”

Addendum 2 –20 **Specification Section - 23 2115 GROUND LOOP HEAT PUMP PIPING**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

B&D Manufacturing, Centennial Pipe “Geothermal High Density Polyethylene Pipe and Fittings”

Addendum 2 –21 **Specification Section - 23 2123 HYDRONIC PUMPS**

Remove specification section “23 2123 2.5. B. Triple-Duty Valve.” Triple duty valves are not allowed on this project.

Addendum 2 –22 **Specification Section - 23 2123 HYDRONIC PUMPS**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Wilo “Base-Mounted, End Suction Pumps”
Wilo “Vertical, Inline Pumps”
American-Wheatley “Suction Diffusers”

Addendum 2 –23 **Specification Section - 23 5216 CONDENSING BOILERS**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Riverside Hydronics, Laars, Camus “Condensing Boilers”

Addendum 2 –24 **Specification Section - 23 7314 ENERGY RECOVERY VENTILATION UNITS**

The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Trane “Energy Recovery Ventilation Units”

Addendum 2 –25 **Specification Section - 23 8146 WATER SOURCE HEAT PUMPS**

Delete paragraph 2.2.J.3, and items 2.2.J.4.1 through 2.2.J.4.4.

Addendum 2 –26 **SPECIFICATION SECTION 26 8100 – FIRE ALARM SYSTEMS**

Subject to compliance with specifications and shop drawing review, Siemens is an approved manufacture.

Addendum 2 –27 **SPECIFICATION SECTION 27 1500 – TELECOMMUNICATIONS**

Remove RCDD requirement. Contractor shall have certified BICSI designer and shall be factory certified installers of equipment provided. Provide copy of certifications with shop drawing submittal.

Addendum 2 –28 **Sheet C1.4 – Site Grading Plan – North Zone**

Refer to CSK-02 for grading revisions at the north end of the site.

Refer to CSK-03 for grading revisions near the west building entrance due to the accessible parking stalls moving south in this area.

Addendum 2 –29 **Sheet C1.5 – Site Grading Plan – South Zone**
Refer to CSK-04 for grading revisions near the west building entrance due to the accessible parking stalls moving south in this area.

Addendum 2 –30 **Sheet C1.6 – Site Utility Plan**
Add Utility Crossing information as outlined in attached sketch (CSK-01) and supporting STATUS OF UTILITIES narrative.

Addendum 2 –31 **Sheet L1.0 – Planting Plan – North Zone**
At the north detention basin, utilize the following seed mix at the bottom of the basin in lieu of Native Grass Seed Type 2 Mixture;
"Water's Edge Mixture" as supplied by Stock Seed Farms, ph. (402)867-3771. Drill seed at rate of 15 pounds per acre. Prior to seeding the bottom of this basin, spread a two-inch depth of compost over full extent of area. Incorporate into topsoil a minimum depth of six inches by disking, harrowing, tilling or other approved method.

Addendum 2 –32 **Sheet A1.1 Floor Plan – Area A**
At 1/A1.1 FLOOR PLAN – AREA A, change dimension at overhead coiling door 119.2 to be 12'-0" in lieu of 10'-0"

At 1/A1.1 FLOOR PLAN – AREA A, change dimension at overhead sectional door 150.1 to be 12'-0" in lieu of 10'-0"

Addendum 2 –33 **Sheet A3.1 Reflected Ceiling Plan – Area B**
At 1/A3.1 REFLECTED CEILING PLAN – GROUND FLOOR – AREA B at west wall of ADMISSIONS OFFICE 214 add reference to detail ASK-13

Add detail ASK-13 to sheet

Addendum 2 –34 **Sheet A5.2 Enlarged Exterior Elevations**
At 4/A5.2 ENLARGED EXTERIOR ELEVATION, at "PREFINISHED METAL GUTTER AND DOWNSPOUT" note add gutter size to be (6") and downspout size to be (2"x3")

At 10/A5.2 ENLARGED EXTERIOR ELEVATION, at "PREFINISHED METAL GUTTER AND DOWNSPOUT" note add gutter size to be (6") and downspout size to be (2"x3")

Addendum 2 –35 **Sheet A5.2 Enlarged Exterior Elevations**
At 6/A5.2 ENLARGED EXTERIOR ELEVATION, between grids C-E and C-F, add downspout and the following note: PREFINISHED METAL CONDUCTOR BOX AND (3"x4") DOWNSPOUT; COLOR TO MATCH BRICK; SEE PLMBG

At 10/A5.2 ENLARGED EXTERIOR ELEVATION, between grids C-G and C-N on precast panel, add downspout and the following note: PREFINISHED METAL CONDUCTOR BOX AND (3"x4") DOWNSPOUT; COLOR TO MATCH BRICK; SEE PLMBG

Addendum 2 –36 **Sheet A7.0 Wall Sections – Area A**
At 9/A7.0 WALL SECTION – AREA A, finished floor elevation to be 99' – 4" in lieu of 100' – 0". Add note: VERIFY FINISHED FLOOR ELEVATION WITH CIVIL

Addendum 2 –37 **Sheet A7.0 Wall Sections – Area A**
At 10/A7.0 DTL – WD STORAGE BLDG BASE DETAIL, add note to base of exterior wall finish: CONTINUOUS PREFINISHED METAL J CHANNEL AT END OF GWB SHEATHING AND METAL SILL FLASHING

Addendum 2 –38 **Sheet A7.12 Enlarged Exterior Details**
At 11/A7.12 ENLARGED EXTERIOR DETAIL, at "PREFINISHED METAL DOWNSPOUT…" note add downspout size to be (3 ½" x 5")

Addendum 2 –39 **Sheet A7.13 Enlarged Exterior Details**
At 8/A7.13 ENLARGED EXTERIOR DETAIL, add note to top of masonry wall: CAVITY WEEPS/VENTS AT HEAD JOINTS AT 32" o.c.

Addendum 2 –40 **Sheet A7.13 Enlarged Exterior Details**
At 8/A7.13 ENLARGED EXTERIOR DETAIL, add notes to base of masonry wall:
THRU-WALL FLASHING
CAVITY DRAINAGE MATERIAL
CAVITY WEEPS/VENTS AT HEAD JOINTS AT 32" o.c.

Addendum 2 –41 **Sheet A7.13 Enlarged Exterior Details**
At 9/A7.13 ENLARGED EXTERIOR DETAIL, add note at corner mullion cavity: FOAM-IN-PLACE INSULATION AT MULLION CAVITY

Addendum 2 –42 **Sheet A8.0 Door and Window Types and Details**
At DOOR AND FRAME SCHEDULE, change door no. 119.2 width to be 12'-0" in lieu of 10'-0"

At DOOR AND FRAME SCHEDULE, change door no. 150.1 width to be 12'-0" in lieu of 10'-0"

Addendum 2 –43 **Sheet A9.0 – Room Finish Schedule**
In Materials List, make the following changes:

- At AP-2, change REMARKS to "FRONT/BACK FINISH: SATIN, ADD-ON LAYER 1: WHITE OPAQUE".
- At AP-3, change REMARKS to "FRONT/BACK FINISH: SATIN, ADD-ON LAYER 1: PACIFIC, ADD-ON LAYER 2: WHITE OPAQUE".
- At AP-4, change REMARKS to "FRONT/BACK FINISH: SATIN, ADD-ON LAYER 1: HONEYDEW, ADD-ON LAYER 2: WHITE OPAQUE".
- At AP-5, change REMARKS to "FRONT/BACK FINISH: SATAIN, ADD-ON LAYER 1: SAHARA, ADD-ON LAYER 2: WHITE OPAQUE".
- At AP-6, change COLOR/NAME to "LEMON" in lieu of "MIMOSA", and change REMARKS to "FRONT/BACK FINISH: SATIN, ADD-ON LAYER 1: LEMON, ADD-ON LAYER 2: WHITE OPAQUE".
- At AP-7, change REMARKS to "FRONT/BACK FINISH: SATIN, ADD-ON LAYER 1: GUNMETAL, ADD-ON LAYER 2: WHITE OPAQUE".

Addendum 2 –44 **Sheet A9.0 – Room Finish Schedule**
In Materials List, add the following materials:

- Add AP-9 / TRANSLUCENT WALL PANEL SYSTEM – ½" GAUGE / LUMICOR / LUMICLEAR – LUMINOUS / GRAPHITE / FRONT/BACK FINISH: SATIN, ADD-ON LAYER 1: ORCHID, ADD-ON LAYER 2: WHITE OPAQUE.
- Add AP-10 / TRANSLUCENT WALL PANEL SYSTEM – ½" GAUGE / LUMICOR / LUMICLEAR – LUMINOUS / CALYPSO / FRONT/BACK FINISH: SATIN, ADD-ON LAYER 1: WHITE OPAQUE.

Addendum 2 –45 **Sheet A9.0 – Room Finish Schedule**
In Materials List, make the following changes:

- At LVT-2, change PATTERN/STYLE to "CONTOUR SERIES – EXOTIC WOOD", change COLOR/NAME to " FRUITWOOD CEX 3302 NG", and change REMARKS to "NATURAL GRAIN EMBOSS FINISH, 32 MIL WEAR LAYER".

Addendum 2 –46 **Sheet A9.0 – Room Finish Schedule**
In Materials List, make the following changes:

- At CONCRETE, change COLOR/NAME to be "NG34" in lieu of "COLOR TO

BE SELECTED BY ARCHITECT".

Addendum 2 –47 **Sheet A9.0 – Room Finish Schedule**
Revise Room Finish General Note 8 to be "ALL EXTERIOR HOLLOW METAL DOOR FRAMES ON EXTERIOR SIDE TO BE PAINTED TO MATCH EXTERIOR FINISHES, VERIFY w/ ARCHITECT; ALL INTERIOR SIDE OF EXTERIOR HOLLOW METAL DOOR FRAMES TO BE PAINTED **P-2**, VERIFY w/ ARCHITECT."

Addendum 2 –48 **Sheet A9.0 – Room Finish Schedule**
Revise Room Finish General Note 9 to be "ALL INTERIOR HOLLOW METAL DOOR FRAMES TO BE PAINTED **P-2**, VERIFY w/ ARCHITECT."

Addendum 2 –49 **Sheet A9.0 – Room Finish Schedule**
In Materials List, make the following changes:

- At FB-1, change PATTERN/STYLE to "MILLENNIUM" and COLOR/NAME to "STEEL"
- At FB-2, change PATTERN/STYLE to "MILLENNIUM" and COLOR/NAME to "ANCHOR"
- At FB-3, change PATTERN/STYLE to "-", and change COLOR/NAME to "TO BE SELECTED BY ARCHITECT – ALLOW $80 PER LINEAR YARD"
- At FB-4, change PATTERN/STYLE to "MILLENNIUM" and COLOR/NAME to "LUSH"
- At FB-5, change PATTERN/STYLE to "MILLENNIUM" and COLOR/NAME to "PERIDOT"
- At FB-6, change PATTERN/STYLE to "MILLENNIUM" and COLOR/NAME to "GEODE"
- At FB-7, change PATTERN/STYLE to "MILLENNIUM" and COLOR/NAME to "AMBER"

Addendum 2 –50 **Sheet A2.0, A2.1, A2.2, A9.0 – Enlarged Floor Plans / Room Finish Schedule**
In Accessory/Equipment Schedule make the following changes:

- At Key Note AA, under COMMENTS add "PROVIDE STAINLESS STEEL "J" CHANNEL AT BOTTOM; PROVIDE PARTICLE BOARD BEHIND TO MATCH TILE THICKNESS TO ATTACH MIRROR".
- At Key Note C, under COMMENTS add "PROVIDED AND INSTALLED BY CONTRACTOR".
- At Key Note D, under COMMENTS add "PROVIDED AND INSTALLED BY CONTRACTOR".
- At Key Note H, change MODEL to "KB200-01"
- At Key Note J, under COMMENTS add "PROVIDED AND INSTALLED BY CONTRACTOR".
- At Key Note L, under TYPE add "CEILING TRACK AND CURTAIN".
- At Key Note M, under COMMENTS add "PROVIDED AND INSTALLED BY CONTRACTOR".
- At Key Note S and SS, under MANUFACTURER add "MAGTACK" and under COMMENTS add "FINISH TO BE FB-8; PROVIDED AND INSTALLED BY CONTRACTOR; SEE SPECIFICATIONS FOR DETAILS".
- At Key Note V and W, under COMMENTS add "PROVIDED AND INSTALLED BY CONTRACTOR".

Addendum 2 –51 **Sheet A9.6 Interior Elevations**
At 5/A9.6 INTERIOR ELEVATION – CORRIDOR 102, replace elevation of donor wall with sketch ASK-15

Addendum 2 –52 **Sheet A9.24 Interior Elevations**
Insert into Construction Drawings attached architectural sheet A9.24 Interior Elevations

Addendum 2 –53 **Sheet A10.0 – Cabinet Sections**
At detail 8/A10.0, delete all references to "WOOD GRAIN THERMOSET" finish; all

reference locations to be finished in PLASTIC LAMINATE, see schedule.

Addendum 2 –54 **Sheet A10.0 – Cabinet Sections**
At detail 4/A10.0, 6/A10.0 and 7/A10.0, change all references to "WOOD CASEWORK OR STAIN FINISH" to be PLASTIC LAMINATE casework as specified in 12 3451.

Addendum 2 –55 **Sheet A10.1 – Cabinet Sections**
At detail 6/A10.1, change reference to indicate locations OPEN ACCESS METAL CUBBIES in lieu of detailed plastic laminate casework construction. See specifications for Open Access Metal Cubbies. At Biology Lab 314 provide 6 QTY Metal Cubbies; at Chemistry Lab 312 provide 6 QTY Metal Cubbies.

Addendum 2 –56 **Sheet A10.2 – Cabinet Sections**
At detail 6/A10.2, delete all references to plastic laminate shelf with solid surface edge; All lockers to have flat metal top cap to match lockers as specified.

Addendum 2 –57 **Sheet A10.2 Casework Sections and Details**
At 5/A10.2 DETAILS – DONOR WALL, replace detail with sketch ASK-14

Addendum 2 –58 **Sheet S2.2 Foundation Plan-Area B**
Step CF-4 continuous footing on grid E-2 to allow for drain pipe. Refer to 1/SK-1 for top of footing elevations. Coordinate location of pipe with mechanical

Addendum 2 –59 **Sheet S2.2 Foundation Plan-Area B**
Step CF-3 continuous footing and pad at end of wing wall on grid A-13 to allow for drain pipe. Refer to 2/SK-1 for top of footing elevations. Coordinate location of pipe with mechanical

Addendum 2 –60 **Sheet S2.3 Foundation Plan – Area C**
Revise footing at south screen wall to be type CF-3 in lieu of the current CF-1. Pier size and reinforcing to be as currently shown in details.

Addendum 2 –61 **Sheet M1.3 - HVAC PLAN – AREA C**
Revise transfer grille G-3 between PREP 315 and BIOLOGY / A/P LAB to be 20/16, G-2 in PREP 315 to be G-1, and transfer duct size to be 20/16. Add identically sized transfer duct between CHEMISTRY 312 and PREP 313.

Addendum 2 –62 **Sheet M6.1 - MECHANICAL SCHEDULES**
UNIT HEATER SCHEDULE: Add "Airdale" and "Sterling" as acceptable manufacturers, subject to compliance with the specifications.

CABINET UNIT HEATER SCHEDULE: Add "Airdale" and "Sterling" as acceptable manufacturers, subject to compliance with the specifications.

FINNED TUBE SCHEDULE: Add "Airdale" and "Sterling" as acceptable manufacturers, subject to compliance with the specifications.

Addendum 2 –63 **Sheet MP1.1 - MECHANICAL ROOF PLAN – AREA A**
Revise general note D to say: "ALL EXPOSED EXTERIOR GAS PIPING IS TO BE PAINTED. PAINT IN ACCORDANCE WITH SPECIFICATION SECTION 09 9000."

Addendum 2 –64 **Sheet MP1.2 - MECHANICAL ROOF PLAN – AREA A**
Revise general note D to say: "ALL EXPOSED EXTERIOR GAS PIPING IS TO BE PAINTED. PAINT IN ACCORDANCE WITH SPECIFICATION SECTION 09 9000."

Addendum 2 –65 **Sheet MP1.3 - MECHANICAL ROOF PLAN – AREA A**
Revise general note D to say: "ALL EXPOSED EXTERIOR GAS PIPING IS TO BE PAINTED. PAINT IN ACCORDANCE WITH SPECIFICATION SECTION 09 9000."

Addendum 2 –66 **Sheet P2.1 - PLUMBING PLAN – AREA A**
Revise general note N: “ALL EXPOSED EXTERIOR GAS PIPING IS TO BE PAINTED. PAINT IN ACCORDANCE WITH SPECIFICATION SECTION 09 9000.”

Addendum 2 –67 **Sheet P2.3 - PLUMBING PLAN – AREA C**
Revise general note D to say: “ALL EXPOSED EXTERIOR GAS PIPING IS TO BE PAINTED. PAINT IN ACCORDANCE WITH SPECIFICATION SECTION 09 9000.”

See sketches PSK-02 and PSK-03 for revised MV-1 and MA-1 piping layout, and additional floor drain (2” D-1) in EMT Storage 329

See sketch PSK-05 for revised downspout nozzle types, and revised note P122.

Addendum 2 –68 **Sheet P3.2- LAB ENLARGED PLUMBING PLANS**
Add general note to 2/P3.2: All CW, HW, HWC, and natural gas piping is to be routed inside accessible trench. See detail 3/A2.2 for trench construction.

Addendum 2 –69 **Sheet P5.2- PLUMBING DETAILS**
See PSK-06 for additional detail 5/P5.2, “COMPRESSED AIR SYSTEM DETAIL”, applicable to air compressor system located in MECH M102.
See PSK-05 additional detail 6/P5.2, “MEDICAL AIR AND VACUUM SYSTEM DETAIL”, applicable to air and vacuum systems located in EMT STORAGE 329 and MECH 333..

Addendum 2 –70 **Sheet P6.1 - PLUMBING FIXTURE SCHEDULE**
Fixture L-2, Sonoma Cast Stone RMP: Color to be NG34.

See sketch PSK-04 for additional downspout nozzle type DN-2.

Addendum 2 –71 **Sheet P6.2 - PLUMBING SCHEDULES**
WATER SOFTENERS: Add “Watts” as an acceptable manufacturer, subject to compliance with the specifications.

REVERSE OSMOSIS: Add “Watts” as an acceptable manufacturer, subject to compliance with the specifications.

Addendum 2 –72 **SHEET E0.0 – ELECTRICAL GENERAL INFORMATION**
Electrical Symbols – Add ‘PS’ power supply to lighting legend.

Addendum 2 –73 **SHEET E0.0 – ELECTRICAL GENERAL INFORMATION**
General Lighting Note E – Conduit is not required for low voltage control wiring routed above accessible ceilings. Provide proper support of cables per specifications (j-hook, bar joists, straps, etc.) so that cable is not resting on top of accessible ceiling. 0-10V control wiring is not allowed to be routed in cable tray. Provide plenum rated cable.

Addendum 2 –74 **SHEET E1.1 – LIGHTING PLAN – AREA A**
Relocate exit sign at west end of Advanced Manufacturing Lab 106 precast wall to east side of Tool Storage Room 116 wall. Locate at south end of wall.

Addendum 2 –75 **SHEET E1.1 – LIGHTING PLAN – AREA A**
Revise plan 3 label to Upper Lecture Hall in lieu of Upper Lobby.

Addendum 2 –76 **SHEET E1.2 – LIGHTING PLAN – AREA B**
Change type C40 luminaire in Corridor 206 to C37. Add type C37 to Luminaire Schedule – same as type C40, but 37’ length in lieu of 40’.

Addendum 2 –77 **SHEET E2.1 – POWER PLAN – AREA A**
Revise location of junction box for AV equipment in Advanced Manufacturing Lab 106. Refer to AV drawings for location.

Addendum 2 –78 **SHEET E2.1 – POWER PLAN – AREA A**
Delete intercom station rough-in at Maintenance 119. Delete Keynote E266.

Addendum 2 –79 **SHEET E2.1 – POWER PLAN – AREA A**
Provide heat trace along entire storm piping noted on Sheet P2.1 in outdoor Equipment Storage 150. Provide Raychem #GM-1XT-120V cable, #GIT-3A controller installed inside junction box, #FTC-P power connection kit, and outdoor temperature sensor. Install complete system per manufacturer's recommendations. Connect to spare 20A/1P breaker in Panel 'G'.

Addendum 2 –80 **SHEET E2.1 – POWER PLAN – AREA A**
Provide toggle disconnect switch above accessible ceiling in Office 117 for condensate pump. Connect pump to circuit AL-9.

Addendum 2 –81 **SHEET E2.1 – POWER PLAN – AREA A**
Provide card reader and door position switch at Door 106 and Door 150. Provide two position switches at Door 106. From Door 150, provide 3/4" conduit with pull wire below grade and stubbed up in Data 123.

Addendum 2 –82 **SHEET E2.1 – POWER PLAN – AREA A**
Keynote E260 – All 24 relays in panel shall be utilized. Route 24 20A/1P circuits in adjacent 'P' panel through relays. Drawings indicate a select number of circuits. Remaining circuits to route through relay panel shall be coordinated with Engineer at shop drawing submittals.

Addendum 2 –83 **SHEET E2.2 – POWER PLAN – AREA B**
Provide heat trace along entire storm piping noted on Sheet P2.2 at canopy outside Tutoring 209. Provide Raychem #GM-1XT-120V cable, #GIT-3A controller installed inside junction box, #FTC-P power connection kit, and outdoor temperature sensor. Install complete system per manufacturer's recommendations. Connect to spare 20A/1P breaker in Panel 'B1P'.

Addendum 2 –84 **SHEET E2.2 – POWER PLAN – AREA B**
Move T-stat rough-in at Front Desk 207 off acrylic wall and relocate to north wall above copy machine.

Addendum 2 –85 **SHEET E2.2 – POWER PLAN – AREA B**
Provide two 36" electric heaters EH-3 located below main Front Desk 207 reception counter. Coordinate location of heaters with Owner, Architect, and casework fabricator prior to installation. Provide line voltage T-stat located adjacent to space T-stat on north wall above copy machine to control heaters. Connect heaters to spare 20A/1P breaker in Panel 'B1P'.

Addendum 2 –86 **SHEET E2.2 – POWER PLAN – AREA B**
Provide receptacle and data outlet for ATM machine in southeast corner of Vending 224. Provide 30A/1P circuit breaker in available space in Panel 'B2P'. Route circuit via Relay Panel 'RB2' with minimum #10 wire.

Addendum 2 –87 **SHEET E2.2 – POWER PLAN – AREA B**
Revise location of junction boxes for AV equipment near video wall in Lobby 202, install on North side of video wall instead of South side.

Addendum 2 –88 **SHEET E2.2 – POWER PLAN – AREA B**
Remove power outlet, TV outlet, junction boxes and conduit in Learning Commons 220 (Pods B and C), double duplex receptacle and data outlet to remain at 18" under table. Remove keynote E233.

Addendum 2 –89 **SHEET E2.2 – POWER PLAN – AREA B**
Remove overhead ceiling junction boxes and conduits for speakers in Labs 233 and

234. Remove overhead ceiling junction box, conduit, and power outlet for document camera, replace with wall mount junction box and power outlet on side of bulkhead (132" A.F.F) with conduit routed to AV room serving each room for Labs 233 and 234. Add a junction box for AV equipment behind teacher station in Labs 233 and 234 (18" A.F.F).

Addendum 2 –90 **SHEET E2.2 – POWER PLAN – AREA B**
Keynote E264 shall be revised to Keynote E260 (see sheets E2.1 and E2.3). All 24 relays in panel shall be utilized. Route 24 20A/1P circuits in adjacent 'P' panel through relays. Drawings indicate a select number of circuits. Remaining circuits to route through relay panel shall be coordinated with Engineer at shop drawing submittals.

Addendum 2 –91 **SHEET E2.3 – POWER PLAN – AREA C**
Remove overhead ceiling junction boxes and conduits for speakers, in Lab 318. Remove overhead ceiling junction box, conduit, and power outlet for document camera, replace with wall mount junction box and power outlet on side of bulkhead (132" A.F.F) with conduit routed to AV 319 for Lab 318.

Addendum 2 –92 **SHEET E2.3 – POWER PLAN – AREA C**
Revise location of teaching station floor box and wall outlets to plan south wall in Lab 318 – see AV drawings. Add a junction box for AV equipment behind teacher station in Lab 318 (18" A.F.F).

Addendum 2 –93 **SHEET E2.3 – POWER PLAN – AREA C**
Revise power connections to two autoclaves in Prep Rooms (Keynote E251). Provide 60A/2P non-fused NEMA 4X disconnect for autoclave. Provide liquid tight flexible metal conduit connection from disconnect to equipment. Provide 3-#8, #10G., 1" C. Provide 60A/2P breakers in lieu of 30A/2P.

Addendum 2 –94 **SHEET E2.3 – POWER PLAN – AREA C**
Disconnect for dishwasher booster heater in Prep Rooms (Keynote E262) to be NEMA 4X in lieu of 3R.

Addendum 2 –95 **SHEET E2.3 – POWER PLAN – AREA C**
Medical air compressor (MA-1) to be located in southwest corner of EMT Storage 329. Shift GFCI receptacle east to relocated counter and provide additional duplex receptacle located within caged area of equipment connected to same circuit. Provide 15A/3P circuit breaker in Panel 'C1M' for connection to MA-1. Provide 15A/3P non-fused disconnect in NEMA 1 enclosure within caged area for local disconnecting means for equipment.

Addendum 2 –96 **SHEET E2.3 – POWER PLAN – AREA C**
Medical vacuum pump (MV-1) to be located in Mechanical 333. Provide 15A/3P circuit breaker in Panel 'C1M' for connection to MV-1. Provide 15A/3P non-fused disconnect in NEMA 1 enclosure for local disconnecting means for equipment.

Addendum 2 –97 **SHEET E2.3 – POWER PLAN – AREA C**
Keynote E260 – All 24 relays in panel shall be utilized. Route 24 20A/1P circuits in adjacent 'P' panel through relays. Drawings indicate a select number of circuits. Remaining circuits to route through relay panel shall be coordinated with Engineer at shop drawing submittals.

Addendum 2 –98 **SHEET E3.1 – SPECIAL SYSTEMS PLAN – AREA A**
Provide card reader and door position switch at Door 106 and Door 150. Provide two position switches at Door 106.

Addendum 2 –99 **SHEET E3.2 – SPECIAL SYSTEMS PLAN – AREA B**
Move fire alarm speaker/strobe at Front Desk 207 off acrylic wall and relocate to north wall above copy machine.

Addendum 2 –100 **SHEET E3.2 – SPECIAL SYSTEMS PLAN – AREA B**
Provide one data jack at ATM machine in Vending 224.

Addendum 2 –101 **SHEET E3.2 – SPECIAL SYSTEMS PLAN – AREA B**
Relocate fire alarm pull station and visual device to south side of main entrance doors in Lobby 202. Install recessed in concrete block wall.

Addendum 2 –102 **SHEET E3.2 – SPECIAL SYSTEMS PLAN – AREA B**
Remove TV outlet, junction boxes and conduit in Learning Commons 220 (Pods B & C), data outlet to remain at 18" under table.

Addendum 2 –103 **SHEET E3.2 – SPECIAL SYSTEMS PLAN – AREA B**
Coordinate location of fire alarm manual pull station at Tutoring 209 exterior doors with Authority Having Jurisdiction. Device will need to move to north or south walls to avoid glass curtain wall.

Addendum 2 –104 **SHEET E3.3 – SPECIAL SYSTEMS PLAN – AREA C**
Revise location of teaching station floor box to plan south wall in Lab 318.

Addendum 2 –105 **SHEET E4.1 – ENLARGED ELECTRICAL PLANS**
Plan 5 – Delete floating receptacle at 'DPH' in Electrical 238.

Addendum 2 –106 **SHEET E4.1 – ENLARGED ELECTRICAL PLANS**
Plan 6 – Provide hard wired connection to security system lock power supply in Data 123. Connect to spare 20A/1P breaker in Panel 'D1'.

Addendum 2 –107 **SHEET E4.1 – ENLARGED ELECTRICAL PLANS**
Plan 7 – Provide hard wired connection to two security system lock power supplies in Data 311. Connect to two spare 20A/1P breakers in Panel 'D2'.

Addendum 2 –108 **SHEET E4.2 – ENLARGED ELECTRICAL PLANS**
Biology Lab 314 – For clarification the three junction boxes at each student work station shall be installed as follows: 2-gang at 66" for TV, 2-gang at 44" for inputs, and 3-gang below counter. Provide 1" conduit between all three boxes and from top box at 66" to above accessible ceiling or cable tray. Provide additional 1" conduit from 3-gang box to above accessible ceiling or cable tray.

Addendum 2 –109 **SHEET E5.1 – ELECTRICAL DETAILS**
Detail 5 is referenced in Advanced Manufacturing Lab on sheet E1.1. Delete reference to aircraft cable.

Addendum 2 –110 **SHEET E5.1 – ELECTRICAL DETAILS**
Detail 11 – Receptacle shall be suspended 6'-0" A.F.F. Provide P&S Durashield receptacles per Addendum #1.

Addendum 2 –111 **SHEET E5.2 – ELECTRICAL DETAILS**
Detail 8 and 9 – From telecommunications ground bars, provide #6 AWG CU grounding conductor to each AV equipment rack. See AV drawings for rack quantities and locations.

Addendum 2 –112 **SHEET E5.2 – ELECTRICAL DETAILS**
Detail 1 – For clarifications, remote area lighting controller for plug load control is not needed/required adjacent to receptacle when circuit is routed through the relay panel in the electrical room.

Addendum 2 –113 **SHEET E5.2 – ELECTRICAL DETAILS**
Detail 1 – Initial programming of all type 'F' and 'B' luminaires shall be set up so that downlights and linear lights cannot be on at the same time. Downlights are intended for AV scenes and linear lights for general classroom scenes; preset scenes shall not allow both to be on together.

Addendum 2 –114 **SHEET E6.1 – ELECTRICAL RISER DIAGRAM - NORMAL**
Feeder to 'MSB' shall be 2500-4S in lieu of 3000-4S.

Addendum 2 –115 **SHEET E6.1 – ELECTRICAL RISER DIAGRAM - NORMAL**
Keynote 1 – Primary conduits to extend to north property line.

Addendum 2 –116 **SHEET E6.1 – ELECTRICAL RISER DIAGRAM - NORMAL**
Add EH-3 to Electric Heat Schedule: Q-Mark #DBSL03, 120V, 450W, 36" length, aluminum finish, integral disconnect, remote T-stat, and end caps.

Addendum 2 –117 **SHEET E7.1 – ELECTRICAL SCHEDULES**
Note 13: Provide additional hand hole on pole at location of security cameras (16'-0").

Addendum 2 –118 **SHEET E7.1 – ELECTRICAL SCHEDULES**
All type B (except B19) and all type C (except C24) luminaires shall have white finish in lieu of silver. Type B19 and C24 shall remain silver.

Addendum 2 –119 **SHEET E7.1 – ELECTRICAL SCHEDULES**
Subject to compliance with specifications and shop drawing review, the following manufacturers are approved for the types listed:
Lumenwerx – B16, B19, B20, B24, B32, C6, C10, C12, C14, C16, C20, C24, C40, F6, F10, F14, F24, F26, G2, G4, G6, G8, G8F, G16, G20, G22, G24, G34, NE
RSA – M, MA, MB
Zumtobel – O, OA
Prudential - P
Acclaim - NH

Addendum 2 –120 **SHEET E7.2 – ELECTRICAL SCHEDULES**
Panel B2P – Add one 30A/1P breaker.

Addendum 2 –121 **SHEET E7.2 – ELECTRICAL SCHEDULES**
Panel C1P – Change two 30A/2P breakers to 60A/2P.
Panel C1M – Add two 15A/3P breakers.

Addendum 2 –122 **SHEET E7.5 – ELECTRICAL SCHEDULES**
Rack Elevations – Ladder cable runway to be 18" as indicated on plans in lieu of 24".

PRE-BID ATTENDEES

See attachment.

SECTION 061000

ROUGH CARPENTRY

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Structural dimension lumber framing.

B. Non-structural dimension lumber framing.

C. Wall and Roof Sheathing.

D. Miscellaneous framing and sheathing.

E. Communications and electrical room mounting boards.

F. Wood nailers and curbs for roofing and items installed on roof.

G. Concealed wood blocking, nailers, and supports.

H. Miscellaneous wood nailers, furring, and grounds.

1.02 RELATED REQUIREMENTS

A. Section 051200 - Structural Steel Framing: Prefabricated beams and columns for support of wood framing.

B. Section 055000 - Metal Fabrications: Miscellaneous steel connectors and support angles for wood framing.

C. Section 061753 - Shop-Fabricated Wood Trusses.

D. Section 072510 - Fluid Applied Membrane Air Barriers: Water-resistive air barrier over sheathing.

E. Section 062000 - Finish Carpentry.

F. Section 313116 - Termite Control.

1.03 REFERENCE STANDARDS

A. AFPA (WFCM) - Wood Frame Construction Manual for One- and Two-Family Dwellings; American Forest and Paper Association; 2012.

B. APA PRP-108 - Performance Standards and Qualification Policy for Structural-Use Panels (Form E445); 2001.

C. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2009.

D. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2012.

E. PS 1 - Structural Plywood; 2009.

F. PS 20 - American Softwood Lumber Standard; National Institute of Standards and Technology (Department of Commerce); 2010.

G. NLGA: National Lumber Grades Authority.

H. SPIB (GR) - Grading Rules; Southern Pine Inspection Bureau, Inc.; 2002.

I. WCLIB (GR) - Standard Grading Rules for West Coast Lumber No. 17; West Coast Lumber Inspection Bureau; 2004, and supplements.

J. WWPA G-5 - Western Lumber Grading Rules; Western Wood Products Association; 2011.

1.04 SUBMITTALS

A. Warranty: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer per Section 017800.

1.05 QUALITY ASSURANCE

A. Lumber: Comply with PS 20 and approved grading rules and inspection agencies.

1. Acceptable Lumber Inspection Agencies: Any agency with rules approved by American Lumber Standards Committee.

1.06 DELIVERY, STORAGE, AND HANDLING

A. General: Cover wood products to protect against moisture. Support stacked products to prevent deformation and to allow air circulation.

1.07 WARRANTY

A. See Section 017800 - Closeout Submittals, for additional warranty requirements.

B. Correct defective Work within a five year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 GENERAL REQUIREMENTS

A. Dimension Lumber: Comply with PS 20 and requirements of specified grading agencies.
   1. If no species is specified, provide any species graded by the agency specified; if no grading agency is specified, provide lumber graded by any grading agency meeting the specified requirements.
   2. Grading Agency: Any grading agency whose rules are approved by the Board of Review, American Lumber Standard Committee (www.alsc.org) and who provides grading service for the species and grade specified; provide lumber stamped with grade mark unless otherwise indicated.

B. Lumber fabricated from old growth timber is not permitted.

2.02 DIMENSION LUMBER

A. Grading Agency: National Lumber Grades Authority (NLGA).

B. Sizes: Nominal sizes as indicated on drawings, S4S.

C. Moisture Content: S-dry or MC19.

D. Stud Framing (2 by 2 through 2 by 8): Non-Load Bearing.
   1. Species: Spruce-pine-fir.
   2. Grade: Construction or No. 2 grade.

E. Stud Framing: Load Bearing-Exterior walls and interior load-bearing partitions.
   1. Species: Spruce-pine-fir.
   2. Grade: Stud Grade, #2 better.

F. Miscellaneous Framing, Blocking, Nailers, Grounds, and Furring:
   1. Lumber: S4S, No. 2 or Standard Grade.
   2. Boards: Standard or No. 3.

2.03 CONSTRUCTION PANELS

A. Roof, Wall and Floor Sheathing: As indicated on structural drawings.

B. Communications and Electrical Room Mounting Boards: PS 1 A-D plywood, or medium density fiberboard; 3/4 inch thick; flame spread index of 25 or less, smoke developed index of 450 or less, when tested in accordance with ASTM E84.

C. Other Applications:
   1. Plywood Concealed From View But Located Within Exterior Enclosure: PS 1, C-C Plugged or better, Exterior grade.
   2. Plywood Exposed to View But Not Exposed to Weather: PS 1, A-D, or better.
   3. Other Locations: PS 1, C-D Plugged or better.
   4. Electrical Component Mounting: APA rated sheathing, fire retardant treated.

2.04 ACCESSORIES

A. Fasteners and Anchors:
   1. Metal and Finish: Hot-dipped galvanized steel per ASTM A 153/A 153M for high humidity and preservative-treated wood locations, unfinished steel elsewhere.

B. Sill Gasket on Top of Foundation Wall: 1/4 inch thick, plate width, closed cell plastic foam from continuous rolls.

C. Subfloor Glue: Waterproof, water base, air cure type, cartridge dispensed.

D. Air Barrier Membrane: As specified in Section 072510.

2.05 FACTORY WOOD TREATMENT

A. Treated Lumber and Plywood: Comply with requirements of AWPA U1 - Use Category System for wood treatments determined by use categories, expected service conditions, and specific applications.
   1. Preservative-Treated Wood: Provide lumber and plywood marked or stamped by an ALSC-accredited testing agency, certifying level and type of treatment in accordance with AWPA standards.

B. Preservative Pressure Treatment of Lumber Above Grade: AWPA U1, Use Category UC3B, Commodity Specification A using waterborne preservative to 0.25 lb/cu ft retention.
   1. Kiln dry lumber after treatment to maximum moisture content of 19 percent.
      a. Treat lumber exposed to weather.
   2. Treat lumber in contact with roofing, flashing, or waterproofing.
   3. Treat lumber in contact with masonry or concrete.
   4. Treat lumber less than 18 inches above grade.
   5. Treat lumber used for blocking in masonry cavities for window, door, or hardware attachment.

C. Preservative Pressure Treatment of Lumber in Contact with Soil: AWPA U1, Use Category UC4A, Commodity Specification A using waterborne preservative to 0.4 lb/cu ft retention.
   1. Preservative for Field Application to Cut Surfaces: As recommended by manufacturer of factory treatment chemicals for brush-application in the field.

PART 3 EXECUTION

3.01 PREPARATION

A. Install sill gasket under sill plate of framed walls bearing on foundations; puncture gasket cleanly to fit tightly around protruding anchor bolts.

B. Coordinate installation of rough carpentry members specified in other sections.

3.02 INSTALLATION - GENERAL

A. Select material sizes to minimize waste.

B. Reuse scrap to the greatest extent possible; clearly separate scrap for use on site as accessory components, including: shims, bracing, and blocking.

C. Where treated wood is used on interior, provide temporary ventilation during and immediately after installation sufficient to remove indoor air contaminants.

3.03 FRAMING INSTALLATION

A. Set structural members level, plumb, and true to line. Discard pieces with defects that would lower required strength or result in unacceptable appearance of exposed members.

B. Make provisions for temporary construction loads, and provide temporary bracing sufficient to maintain structure in true alignment and safe condition until completion of erection and installation of permanent bracing.

C. Install structural members full length without splices unless otherwise specifically detailed.

D. Comply with member sizes, spacing, and configurations indicated, and fastener size and spacing indicated, but not less than required by applicable codes and AFPA Wood Frame Construction Manual.

E. Install horizontal spanning members with crown edge up and not less than 1-1/2 inches of bearing at each end.

F. Construct double joist headers at floor and ceiling openings and under wall stud partitions that are parallel to floor joists; use metal joist hangers unless otherwise detailed.

G. Provide bridging at joists in excess of 8 feet span as detailed. Fit solid blocking at ends of members.

H. Frame wall openings with two or more studs at each jamb; support headers on cripple studs.

3.04 BLOCKING, NAILERS, AND SUPPORTS

A. Provide framing and blocking members as indicated or as required to support finishes, fixtures, specialty items, and trim.

B. In walls, provide blocking attached to studs as backing and support for wall-mounted items, unless item can be securely fastened to two or more studs or other method of support is explicitly indicated.

C. Where ceiling-mounting is indicated, provide blocking and supplementary supports above ceiling, unless other method of support is explicitly indicated.

3.05 ROOF-RELATED CARPENTRY

A. Coordinate installation of roofing carpentry with deck construction, framing of roof openings, and roofing assembly installation.

B. Provide wood curb at all roof openings except where specifically indicated otherwise. Form corners by alternating lapping side members.

3.06 INSTALLATION OF ACCESSORIES AND MISCELLANEOUS WOOD

A. Place sill gasket directly on sill flashing. Puncture gasket cleanly and fit tightly to protruding foundation anchor bolts.

B. Coordinate installation of prefabricated wood trusses.

C. Curb roof openings except where prefabricated curbs are provided. Form corners by alternating lapping side members.

D. Coordinate curb installation with installation of decking and support of deck openings.

3.07 INSTALLATION OF CONSTRUCTION PANELS

A. Subflooring: Screw first layer to concrete subfloor using 1/4" tapcon anchors 1t 12 inches on center each way. Countersink screw heads. Glue and screw second layer to first layer. Counter sink screw heads.

B. Roof Sheathing: Secure panels with long dimension perpendicular to framing members, with ends staggered and over firm bearing.
   1. Use sheathing clips between roof framing members.
   2. Provide solid edge blocking between sheets.
   3. Nail panels to framing; staples are not permitted.

C. Wall Sheathing: Secure with long dimension perpendicular to wall studs, with ends over firm bearing and staggered, using nails, screws, or staples.
   1. Use plywood or other acceptable structural panels at building corners, for not less than 96 inches, measured horizontally.

D. Communications and Electrical Room Mounting Boards: Secure with screws to studs with edges over firm bearing; space fasteners at maximum 24 inches on center on all edges and into studs in field of board.
   1. At fire-rated walls, install board over wall board indicated as part of the fire-rated assembly.
   2. Where boards are indicated as full floor-to-ceiling height, install with long edge of board parallel to studs.
   3. Install adjacent boards without gaps.
   4. Size and Location: As indicated on drawings.

3.08 SITE APPLIED WOOD TREATMENT

A. Apply preservative treatment compatible with factory applied treatment at site-sawn cuts, complying with manufacturer's instructions.

B. Allow preservative to dry prior to erecting members.

3.09 TOLERANCES

A. Framing Members: 1/4 inch from true position, maximum.

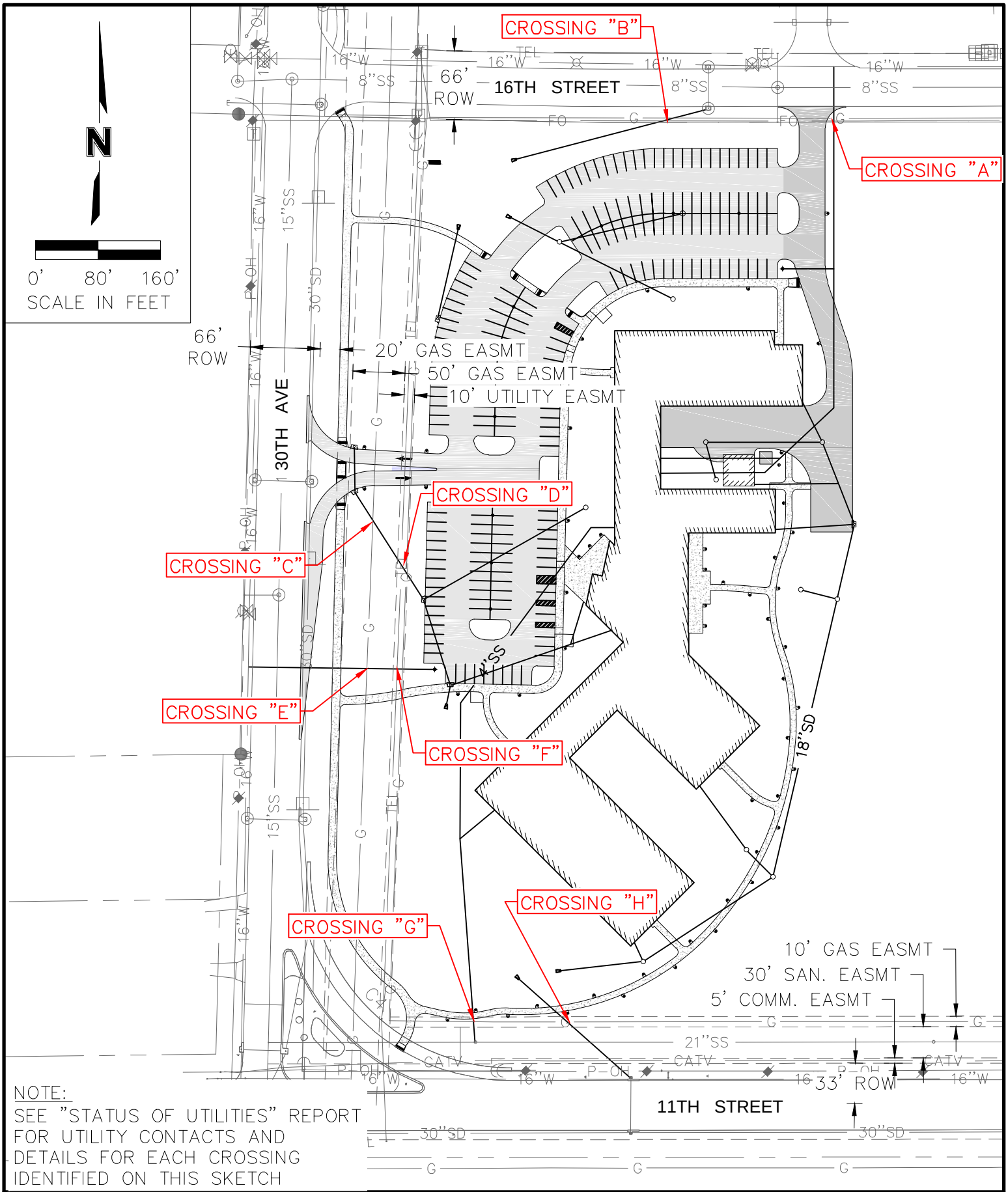
B. Variation from Plane (Other than Floors): 1/4 inch in 10 feet maximum, and 1/4 inch in 30 feet maximum.

3.10 CLEANING

A. Do not leave any wood, shavings, sawdust, etc. on the ground or buried in fill.

B. Prevent sawdust and wood shavings from entering the storm drainage system.

END OF SECTION



NOTE:
SEE "STATUS OF UTILITIES" REPORT FOR UTILITY CONTACTS AND DETAILS FOR EACH CROSSING IDENTIFIED ON THIS SKETCH

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CENTRAL COMMUNITY COLLEGE
KEARNEY CENTER
Kearney, Nebraska
Project Number: **1501**

Addendum No. 2
Utility Crossing Exhibit
Sheet Ref: C1.6
Sketch Date: **02/18/2016**

Sheet Number:
CSK-01

STATUS OF UTILITIES

Project: Central Community College - Kearney Center
Location: 16th Street / 30th Ave, Kearney, Nebraska
Wilkins ADP Project: 1501
Olsson Project: 2015-2072

The following information is current as of February 18, 2016.

Aerial and/or underground utilities facilities existing within this project. The contractor shall determine to their satisfaction the extent of the utility conflict for facilities located within the construction areas.

The Contractor should request a utility status update at the preconstruction conference, and/or prior to starting work. To arrange for utilities to locate and flag their underground facilities, contact Diggers Hotline of Nebraska at 1-800-331-5666, or dial 811.

Any utility adjustments or interruption of service for the convenience of the Contractor shall be the sole responsibility of the Contractor.

It is the responsibility of the contractor to cooperate and coordinate the work with any utility work to be done concurrent with construction in an effort to complete both promptly. The contractor shall determine to their satisfaction the extent of the utility occupancy and utility conflict for facilities located within the construction areas, including determining impacts and timeframes for completion.

The following is for the contractors' information only. It is the contractors' responsibility to verify the accuracy of the information.

UTILITY COMPANY CONTACTS:

City of Kearney, Public Works
Attn: Rod Wiederspan
1919 15th Ave
Kearney, Nebraska 68848
(308) 223-3218

City of Kearney, Utilities Dept.
Attn: Kirk Stocker
1220 E 26th Street
Kearney, Nebraska 68848
(308) 223-3268

Tall Grass Energy
Attn: Val Snyder
3808 28th Ave
Kearney, Nebraska 68845
(308) 865-0725

North Western Energy
Attn: Dennis Placke
1023 E 25th Street
Kearney, Nebraska 68847
(308) 237-4123

Nebraska Public Power District
Attn: Cory McIntosh
900 4th Ave
Kearney, Nebraska 68847
(308) 236-2224

Frontier Communications
Attn: Dennis Clapper
2302 1st Ave
Kearney, Nebraska 68847
(308) 236-6458

Charter Communications
Attn: Mike Peterson
809 Central Ave
Kearney, Nebraska 68847
(888) 438-2427

UTILITY CROSSINGS, SEE "STATUE OF UTILITIES" FIGURE F-1:

Utility Crossing "A":
According to depths provided by J-Spot Services, the 2" gas line is approximately 64" below grade (elev. 56.8) and the 1-1/4" communications conduit is approximately 46" below grade (elev. 58.6). The 8" D.I. water main is planned to be installed approximately 60" below grade (flowline elev. 57.4).

Conflict with the 2" gas main is not anticipated.

Charter Communications indicated that the conduit is empty and can be adjusted in the field by during construction by the Contractor to avoid conflict.

Utility Crossing "B":
According to depths provided by J-Spot Services, the 2" gas line is approximately 64" below grade (elev. 56.8) and the 1-1/4" communications conduit is approximately 46" below grade (elev. 58.6). The 12" HDPE storm drain is planned to be installed approximately 45" below grade (flowline elev. 58.6).

Conflict with the 2" gas main is not anticipated.

Charter Communications indicated that the conduit is empty and can be adjusted in the field by during construction by the Contractor to avoid conflict.

Utility Crossing “C”:
According to depths provided by J-Spot Services, the 6” gas line is approximately 45” below grade to top of pipe (elev. 56.0). The 12” HDPE storm drain is planned to be installed approximately 24” below grade (flowline elev. 58.0).

Conflict with the 6” gas main is not anticipated.

Utility Crossing “D”:
According to depths provided by J-Spot Services, the 4” gas line is approximately 40” below grade to top of pipe (elev. 56.5) and the 4” communications conduit is approximately 46” below grade to top of pipe (elev. 56.0). The 12” HDPE storm drain is planned to be installed approximately 25” below grade (flowline elev. 57.7).

Conflict with the 4” gas main is not anticipated.

Conflict with the 4” communications conduit is not anticipated.

Utility Crossing “E”:
According to depths provided by J-Spot Services, the 6” gas line is approximately 45” below grade to top of pipe (elev. 56.0). The 8” D.I. water main to be installed approximately 72” below grade (top of pipe elev. 53.8).

Conflict with the 6” gas main is not anticipated.

Utility Crossing “F”:
According to depths provided by J-Spot Services, the 4” gas line is approximately 38” below grade to top of pipe (elev. 55.8) and the 4” communications conduit is approximately 46” below grade to top of pipe (elev. 55.2). The 8” D.I. water main is planned to be installed approximately 72” below grade (top of pipe elev. 53.8).

Conflict with the 4” gas main is not anticipated.

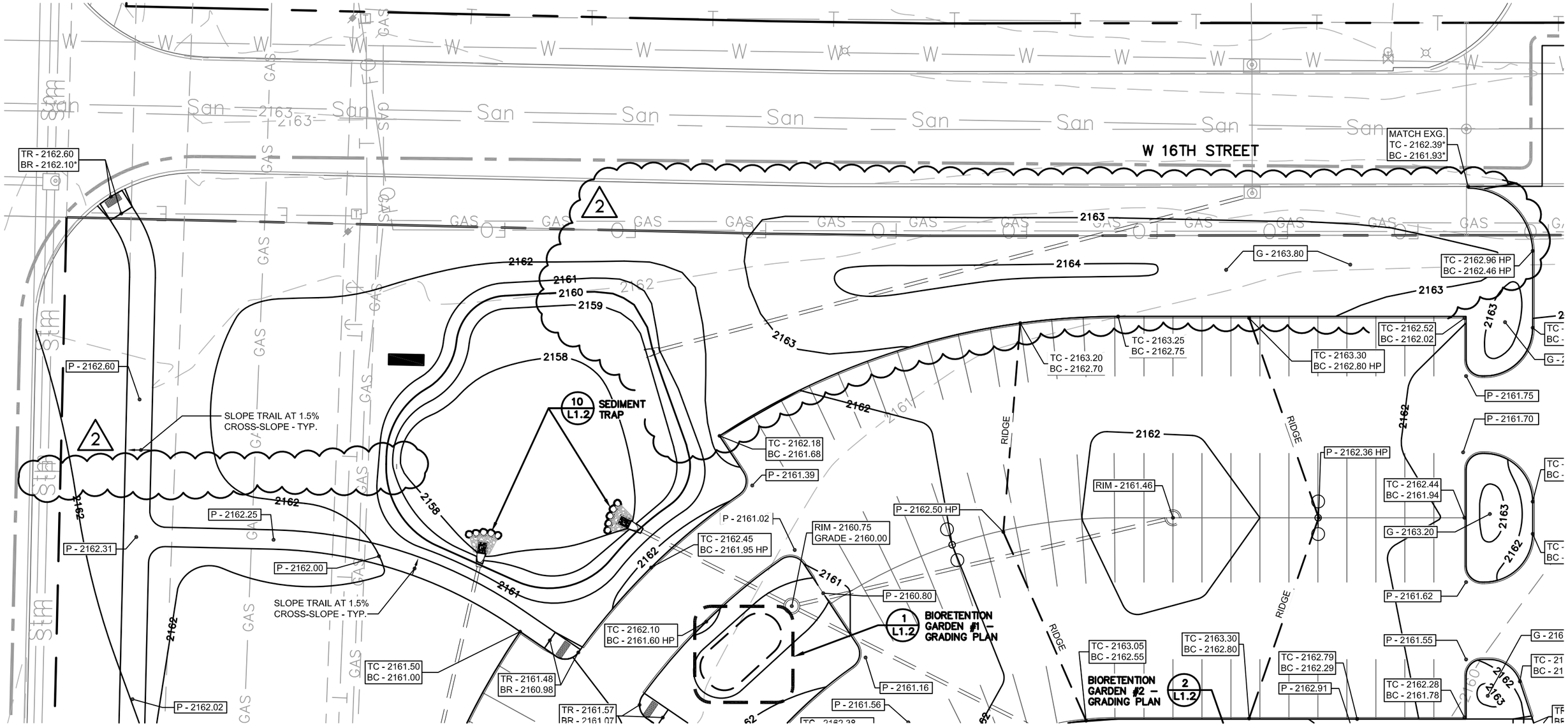
Conflict with the 4” communications conduit is not anticipated.

Utility Crossing “G”:
According to depths provided by J-Spot Services, the 4” gas line is approximately 45” below grade to top of pipe (elev. 54.3). The 4” sanitary sewer service is planned to be installed approximately 100” below grade (flowline elev. 49.7).

Conflict with the 4” gas main is not anticipated.

Utility Crossing “H”:
According to depths provided by J-Spot Services, the 4” gas line is approximately 45” below grade to top of pipe (elev. 54.3). The 18” HDPE storm drain is planned to be installed approximately 52” below grade (flowline elev. 43.7).

Conflict with the 4” gas main appears unavoidable. North Western Energy has been contacted and is scheduled to lower the gas main prior to construction at no expense to the Contractor.



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CENTRAL COMMUNITY COLLEGE
KEARNEY CENTER

Kearney, Nebraska

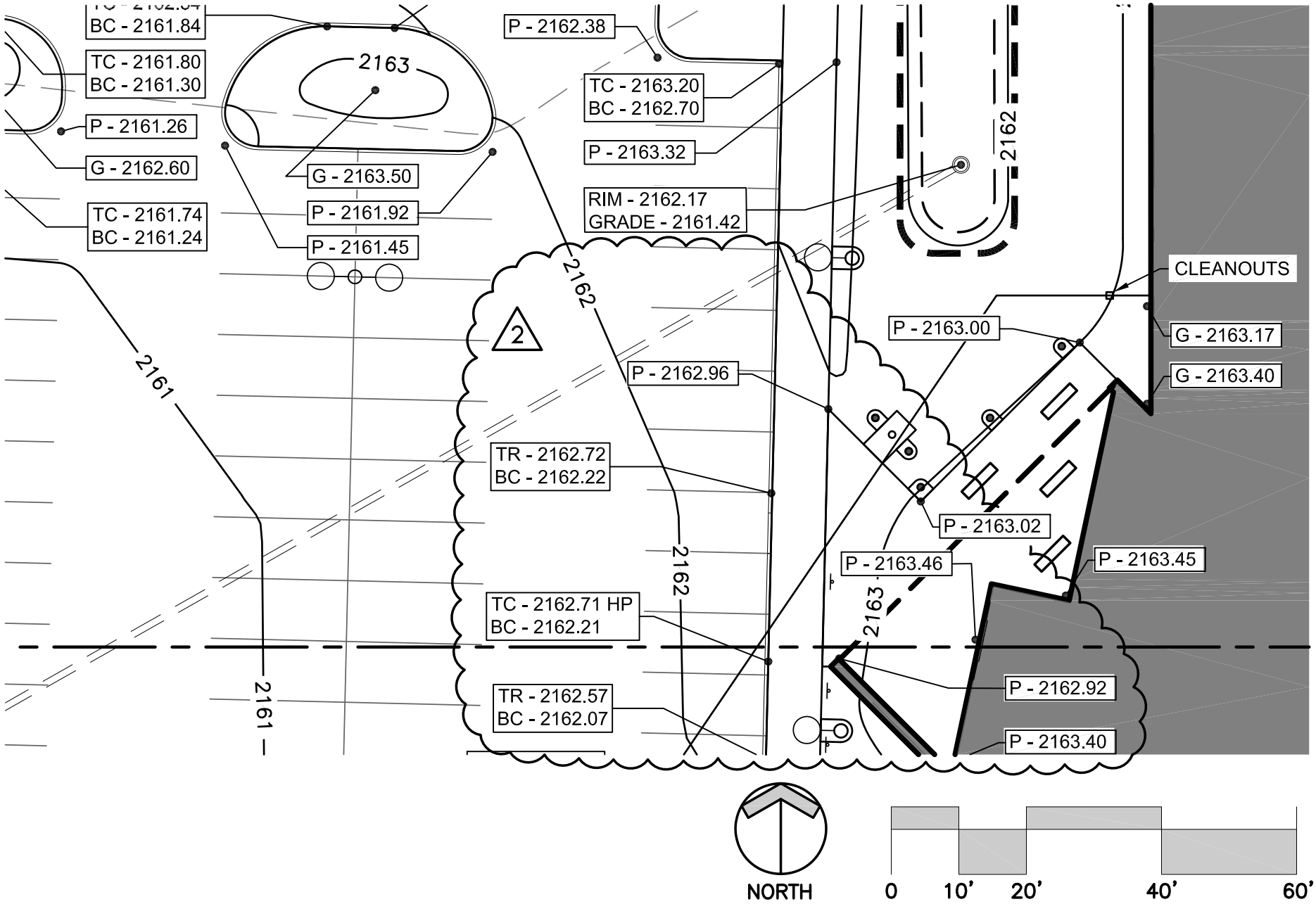
Addendum No. 2

North Zone Grading Revision

Sheet Ref: 1/C1.4

Project Number: **1501**
Sketch Date: **02/18/2016**

CSK-02



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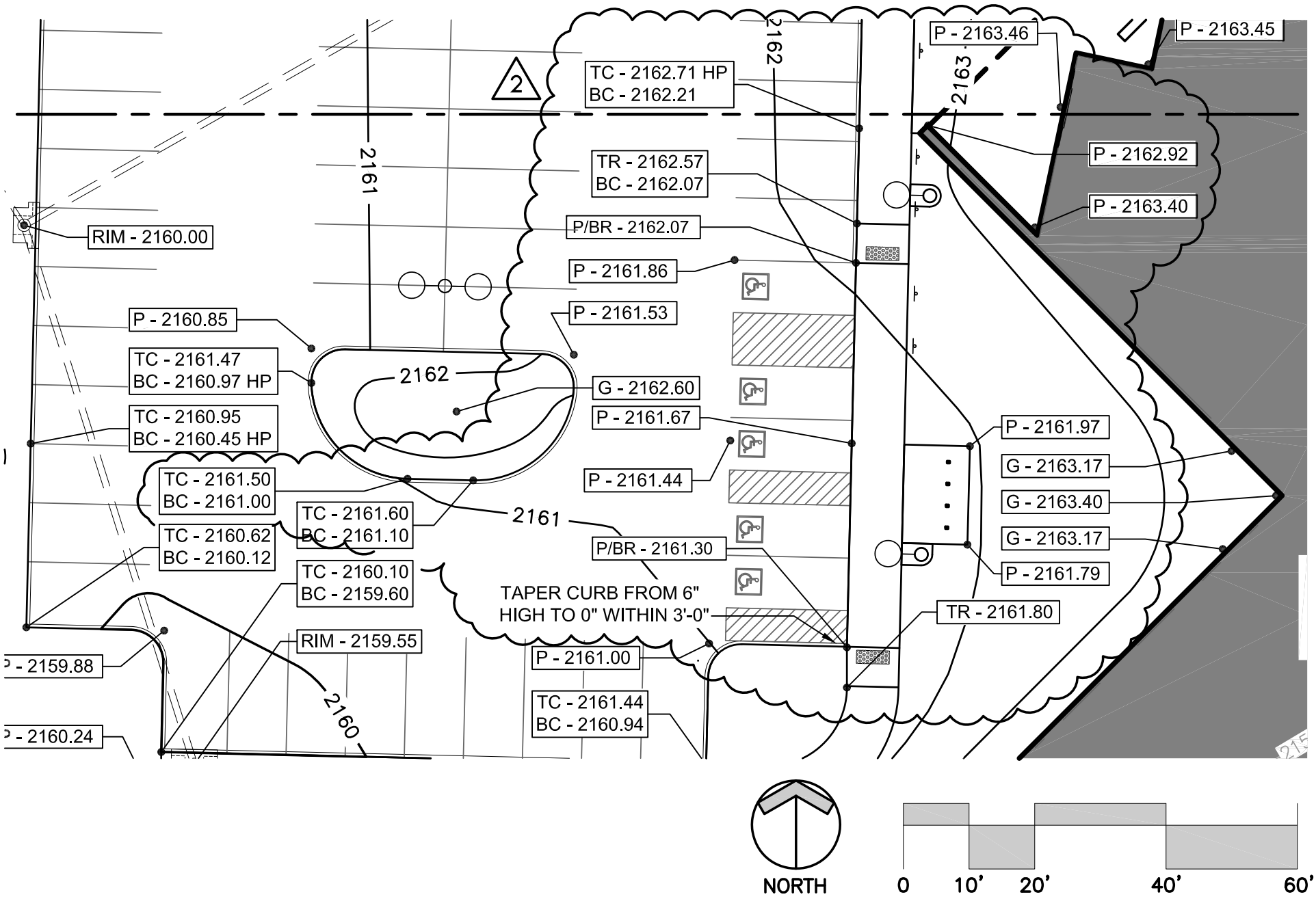
CENTRAL COMMUNITY COLLEGE
KEARNEY CENTER
Kearney, Nebraska
Project Number: **1501**

Addendum No. 2
Grading Revision @ Bldg. Entrance
Sheet Ref: 1/C1.4
Sketch Date: **02/18/2016**

CSK-03



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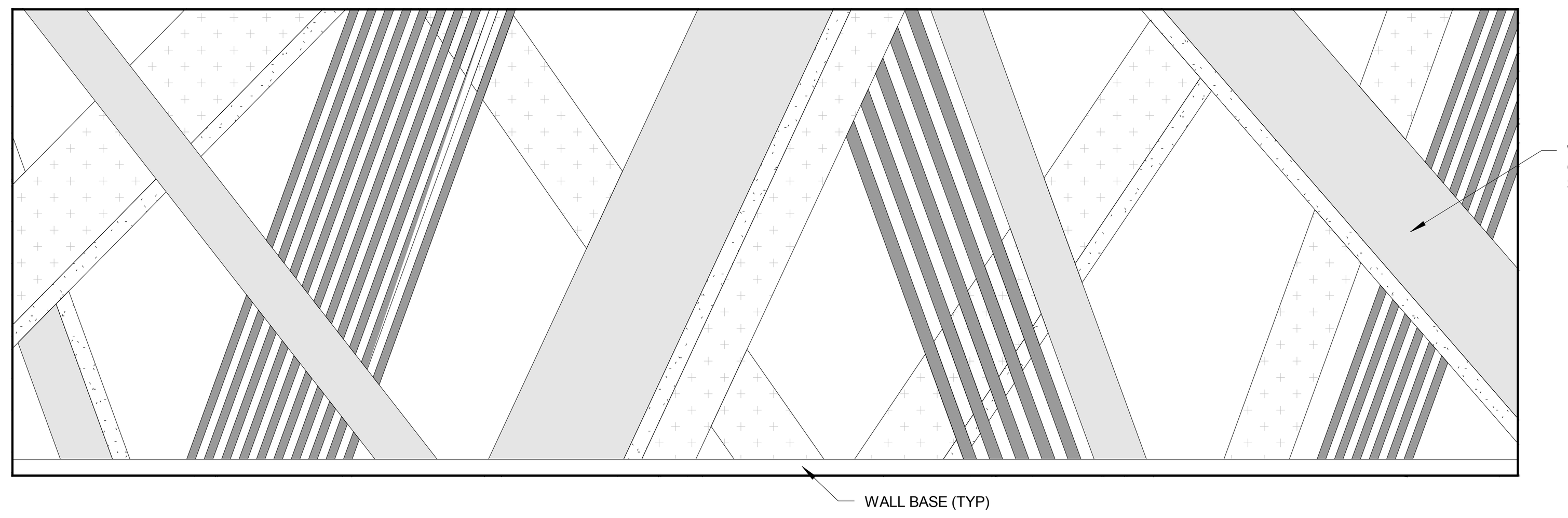
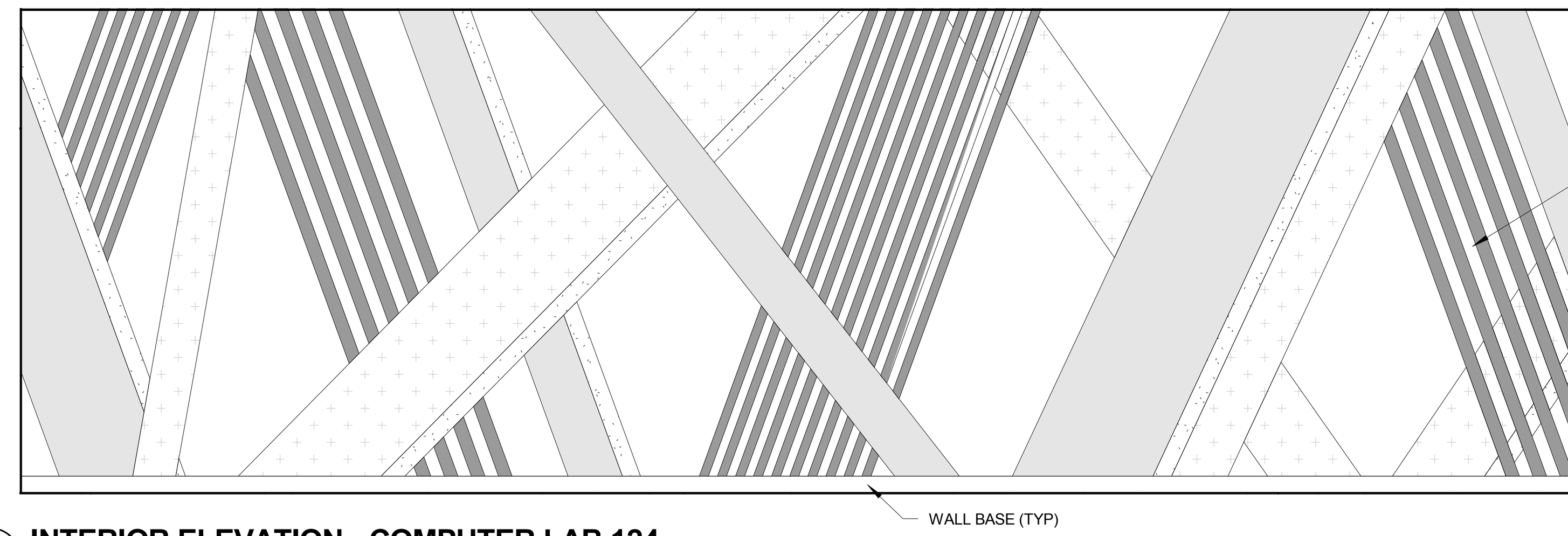
CENTRAL COMMUNITY COLLEGE
KEARNEY CENTER
Kearney, Nebraska
Project Number: **1501**

Addendum No. 2
Grading Revision @ Bldg. Entrance
Sheet Ref: 1/C1.5
Sketch Date: **02/18/2016**

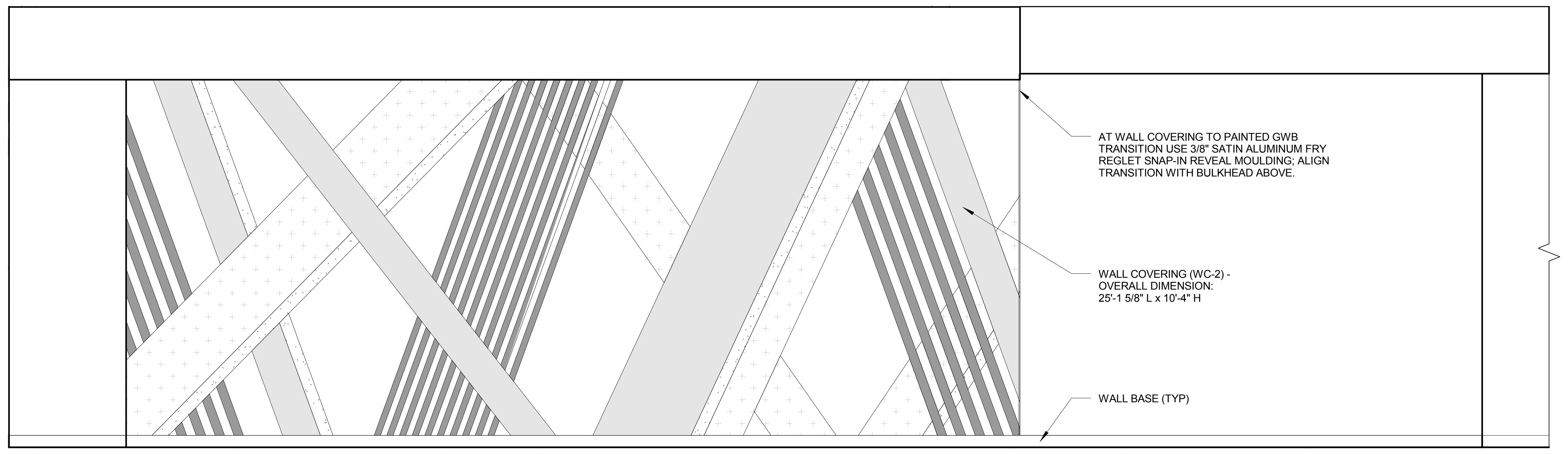
CSK-04



1 / A9.24 **INTERIOR ELEVATION - COMPUTER LAB 124**
SCALE: 3/8" = 1'-0"



2 / A9.24 **INTERIOR ELEVATION - COMPUTER LAB 124**
SCALE: 3/8" = 1'-0"



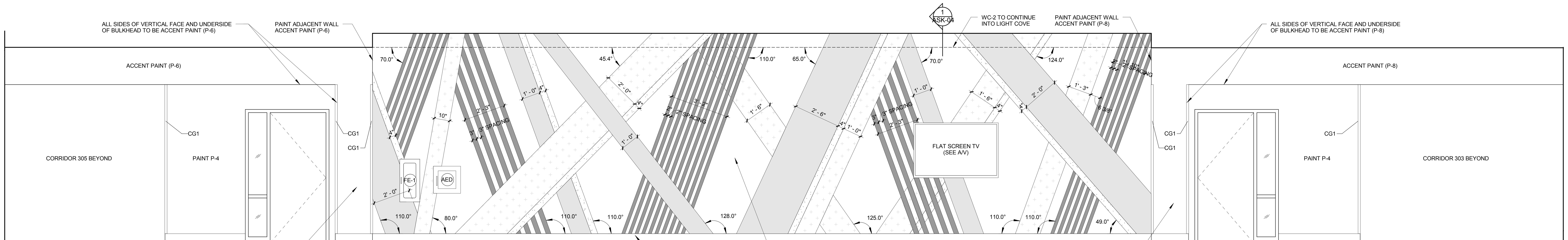
3 / A9.24 **INTERIOR ELEVATION - CORRIDOR 206**
SCALE: 3/8" = 1'-0"

WALLCOVERING LEGEND

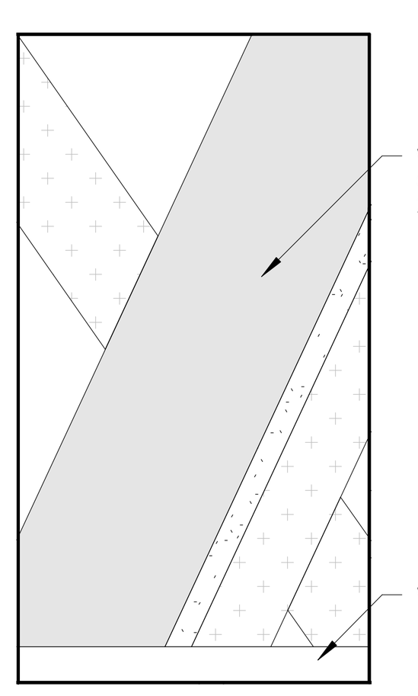
Swatch	Description
White	TO MATCH P-1: SNOWBOUND SHERWIN WILLIAMS SW 7004
Light pattern	TO MATCH P-13: MINDFUL GRAY SHERWIN WILLIAMS SW 7016
Light gray	TO MATCH P-4: GAUNTLET GRAY SHERWIN WILLIAMS SW 7019
Dark gray	TO MATCH P-2: IRON ORE SHERWIN WILLIAMS SW 7069
Speckled	TO MATCH P-6, P-7, P-8, P-9, P-10, P-11: REALLY TEAL SW 6489, SUNDRIED TOMATO SW 7585, LUAU GREEN SW 6712, PENNYWISE SW 6349, OVERJOY SW 6689, BLACK RASPBERRY 2072-20

CUSTOM WALLCOVERING GENERAL NOTES

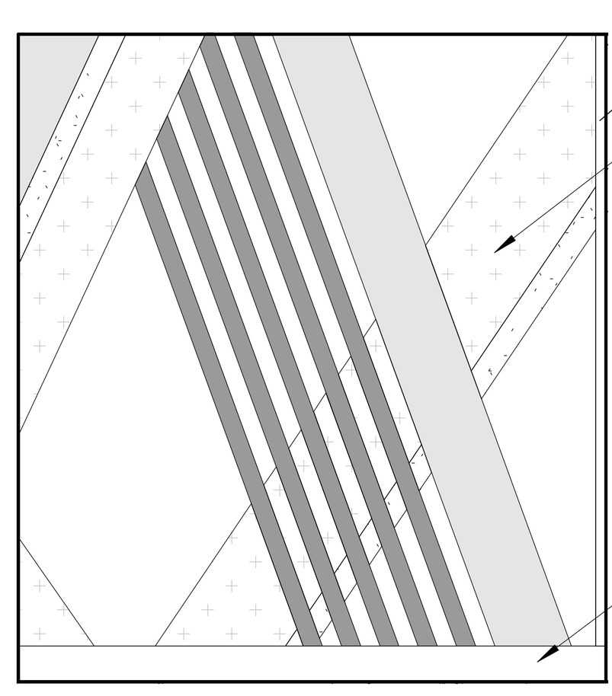
1. PROVIDE AND COORDINATE FABRICATION AND INSTALLATION OF CUSTOM WALLCOVERING WC-2 IN LOCATIONS NOTED ON FLOOR PLAN AND AS DETAILED ON ELEVATIONS. CONTACT D.L. COUCH, JESSICA FRENCH, jfrench@dlcouch.com; 800-433-0790 ext. 1154.
2. ADJUST/CUT OUT WALLCOVERING AROUND ALL EQUIPMENT. COORDINATE w/ MECH AND ELEC DRAWINGS.
3. ADDITIONAL 5" BLEED TO BE INCLUDED TO EACH OVERALL WALL COVERING WC-2 DIMENSIONS.
4. GC TO VERIFY IN FIELD ALL WALL COVERING DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION; VERIFY OVERALL DIMENSIONS WITH ALL CEILING DETAILS; WALL COVERING WC-2 TO EXTEND AND FILL ENTIRE WALL.
5. AT WALL COVERING TO PAINTED GWB TRANSITION USE 3/8" SATIN ALUMINUM FRY REGLET SNAP-IN REVEAL MOULDING; SEE ELEVATION FOR LOCATION.



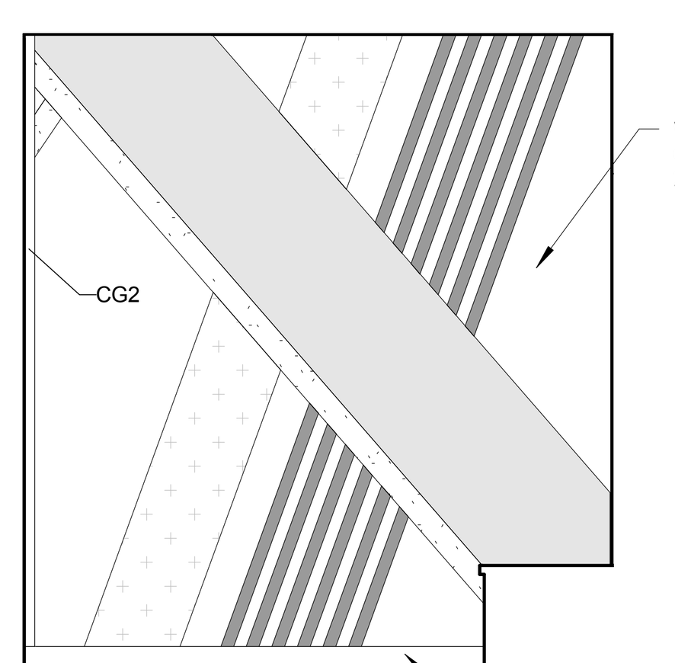
4 / A9.24 **INTERIOR ELEVATION - CORRIDOR 302**
SCALE: 3/8" = 1'-0"



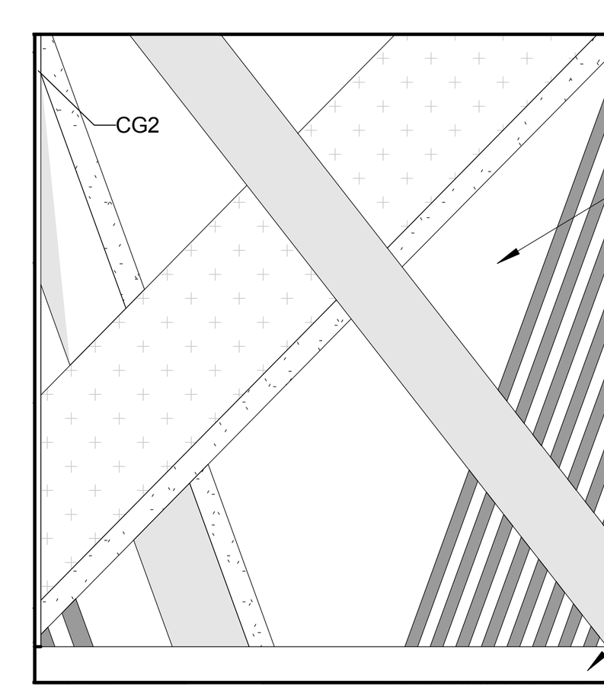
5 / A9.24 **INTERIOR ELEVATION - VEST.**
SCALE: 3/8" = 1'-0"



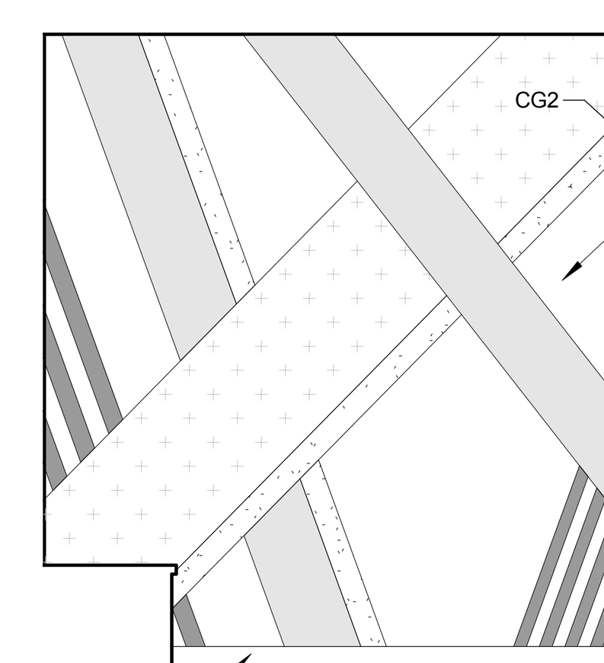
6 / A9.24 **INTERIOR ELEVATION - VESTIBULE 126**
SCALE: 3/8" = 1'-0"



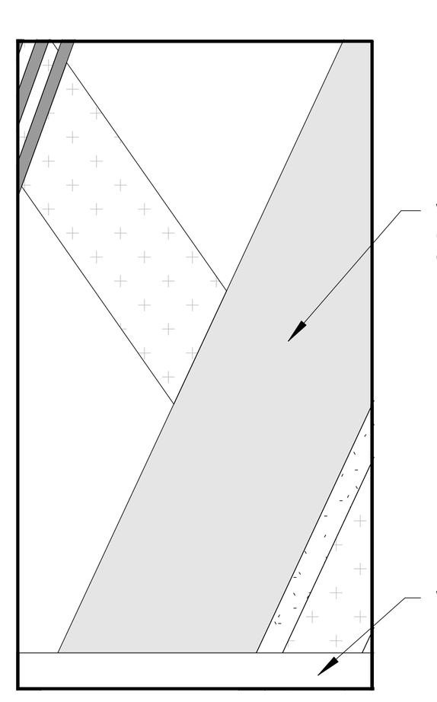
7 / A9.24 **INTERIOR ELEVATION - VESTIBULE 126**
SCALE: 3/8" = 1'-0"



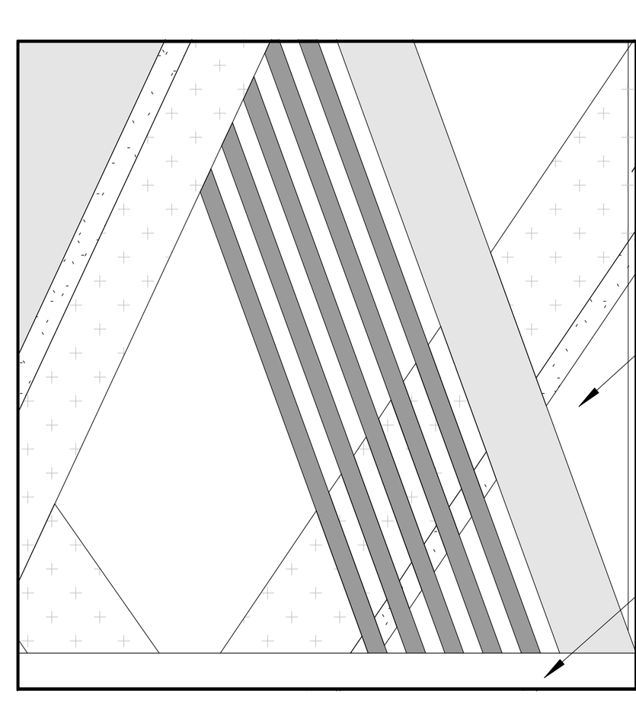
8 / A9.24 **INTERIOR ELEVATION - VESTIBULE 128**
SCALE: 3/8" = 1'-0"



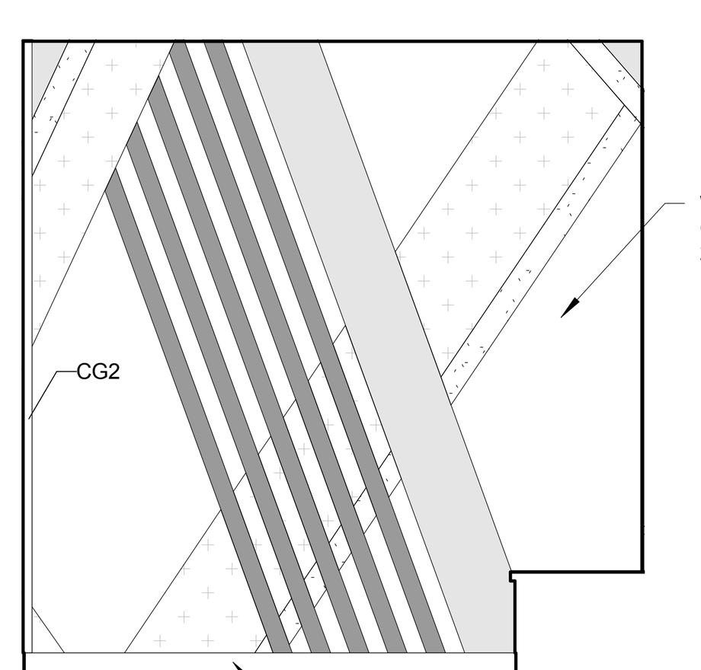
9 / A9.24 **INTERIOR ELEVATION - VESTIBULE 128**
SCALE: 3/8" = 1'-0"



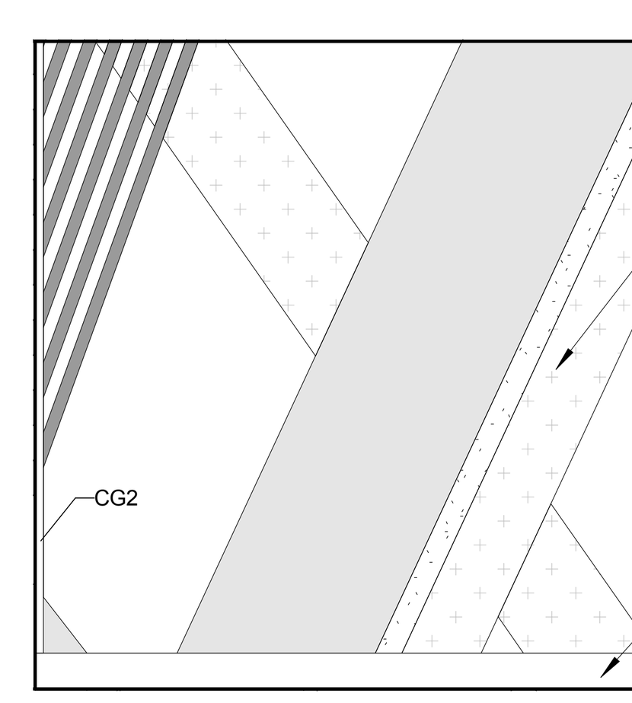
10 / A9.24 **INTERIOR ELEVATION - VEST.**
SCALE: 3/8" = 1'-0"



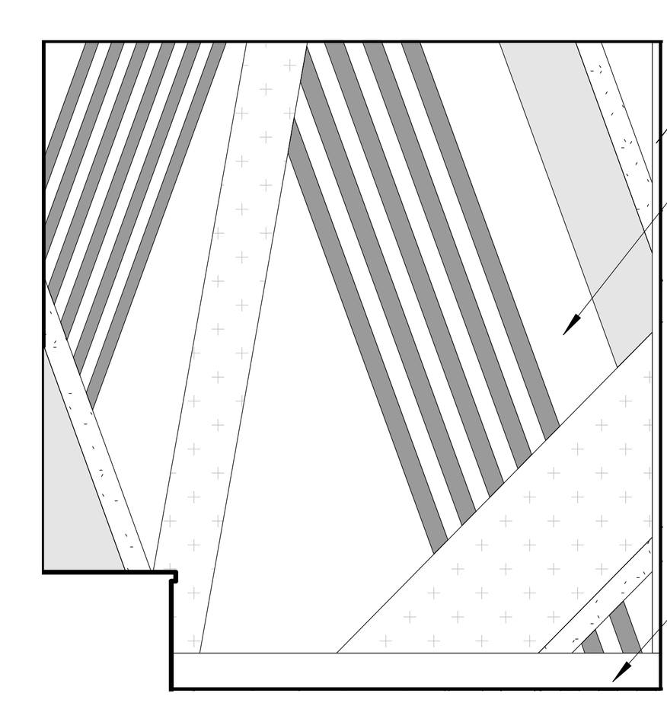
11 / A9.24 **INTERIOR ELEVATION - VESTIBULE 306**
SCALE: 3/8" = 1'-0"



12 / A9.24 **INTERIOR ELEVATION - VESTIBULE 306**
SCALE: 3/8" = 1'-0"



13 / A9.24 **INTERIOR ELEVATION - VESTIBULE 308**
SCALE: 3/8" = 1'-0"



14 / A9.24 **INTERIOR ELEVATION - VESTIBULE 308**
SCALE: 3/8" = 1'-0"

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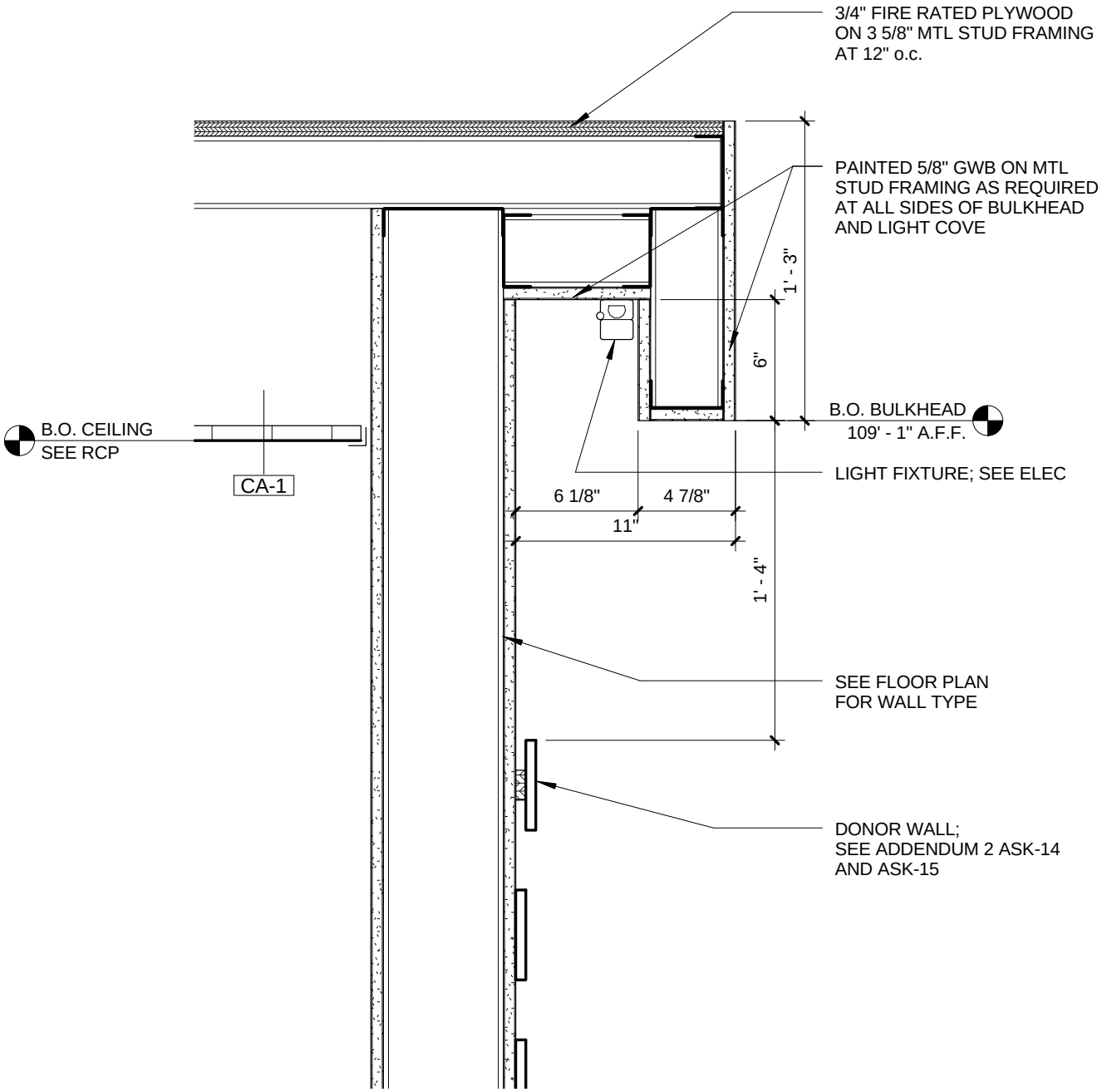
Revision/Issue	Date

Interior Elevations

Project Number: **1501**
Date: **January 28, 2016**

Sheet Number:
A9.24



1 CEILING DETAIL - DONOR WALL

ASK-13 SCALE: 1 1/2" = 1'-0"

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Kearney, Nebraska
Project Number: **1501**

Addendum No. 2
Ceiling Detail
Sheet Ref: N/A
Sketch Date: **2/18/2016**

Sketch Number:

ASK-13

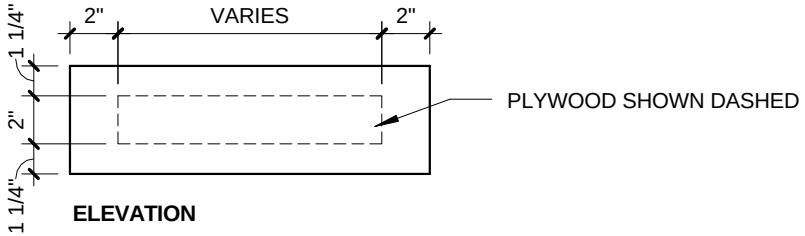
ACRYLIC PANELS NOTES:

1. SEE INTERIOR ELEVATION FOR LAYOUT AND ADDITIONAL INFORMATION

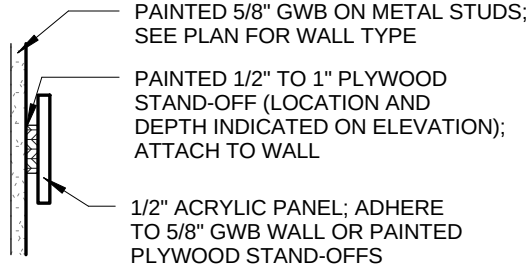
2. ALL ACRYLIC PANEL COLORS TO BE CONFIRMED AND APPROVED BY ARCHITECT BEFORE FABRICATION

3. QUANTITIES AS NOTED TO BE INSTALLED PER ELEVATION. REMAINING ACRYLIC PANEL TO BE CUT TO SIZE AS INDICATED AND TURNED OVER TO OWNER AS STOCK

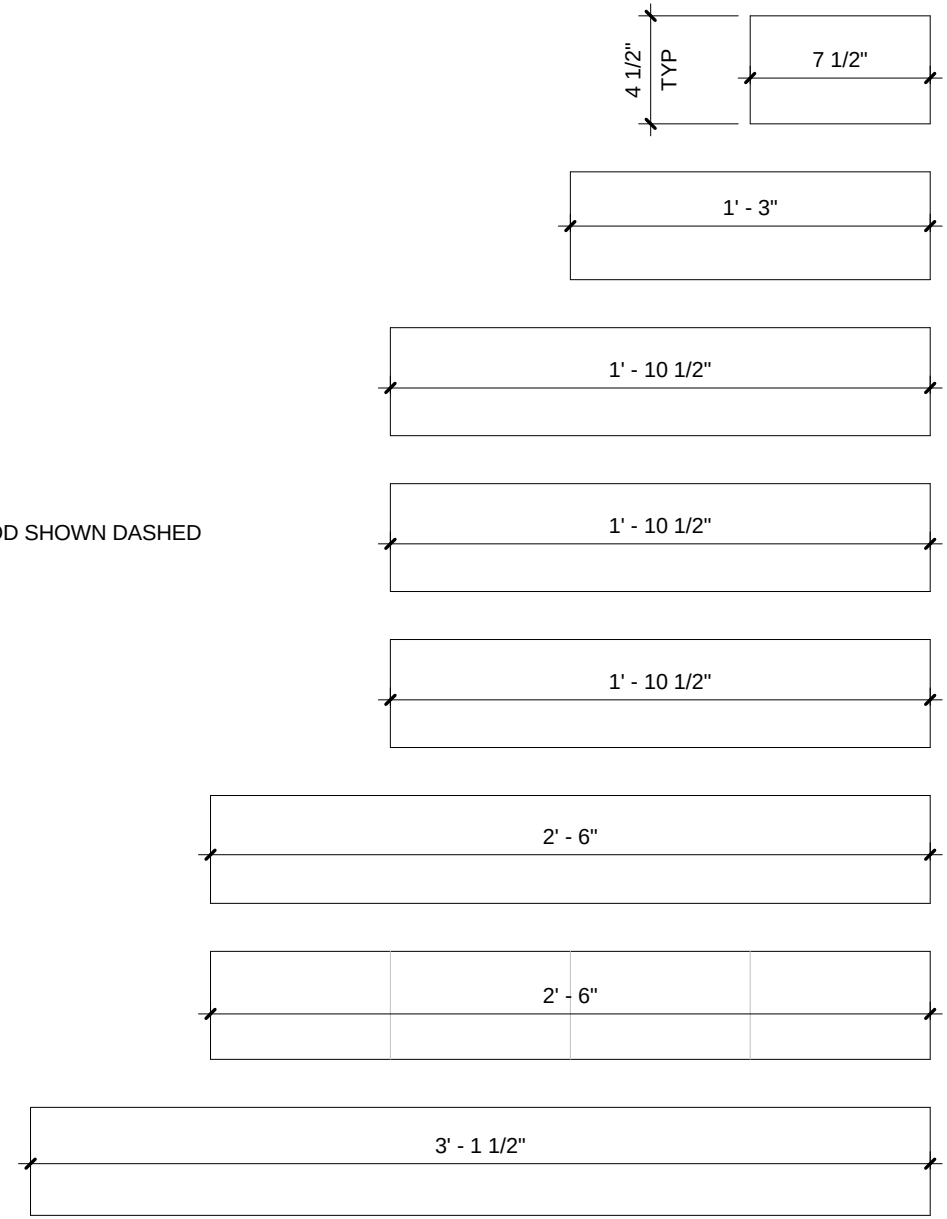
ACRYLIC PANEL STAND-OFF DETAIL



ELEVATION



SECTION



1
ASK-14

DETAILS - DONOR WALL

SCALE: 1 1/2" = 1'-0"

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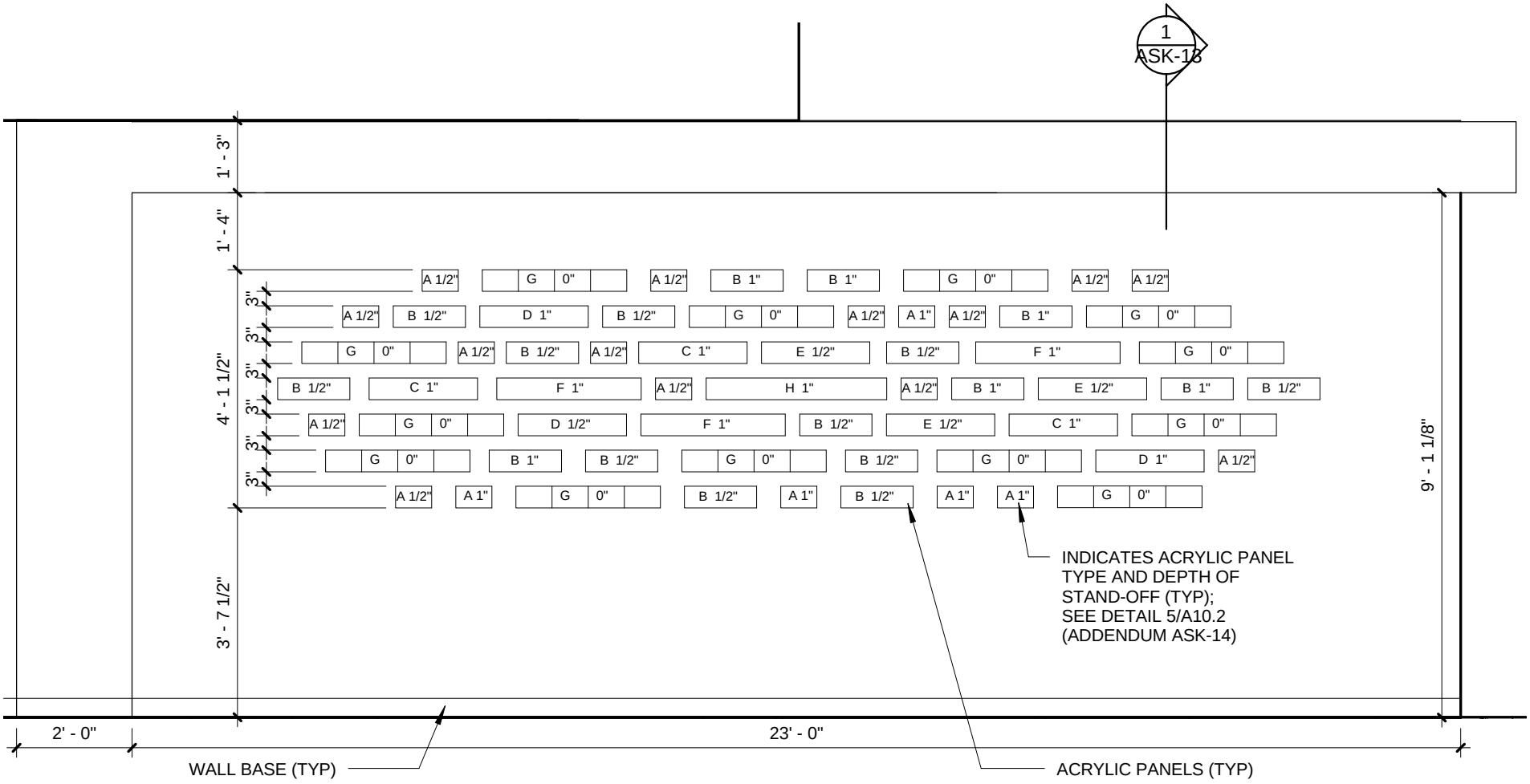
Project Number: **1501**

Addendum No. 2
Donor Wall Details
Sheet Ref: 5/A10.2
Sketch Date: **2/18/2016**

Sketch Number:
ASK-14



1 ASK-15 INTERIOR ELEVATION - CORRIDOR 102

SCALE: 3/8" = 1'-0"

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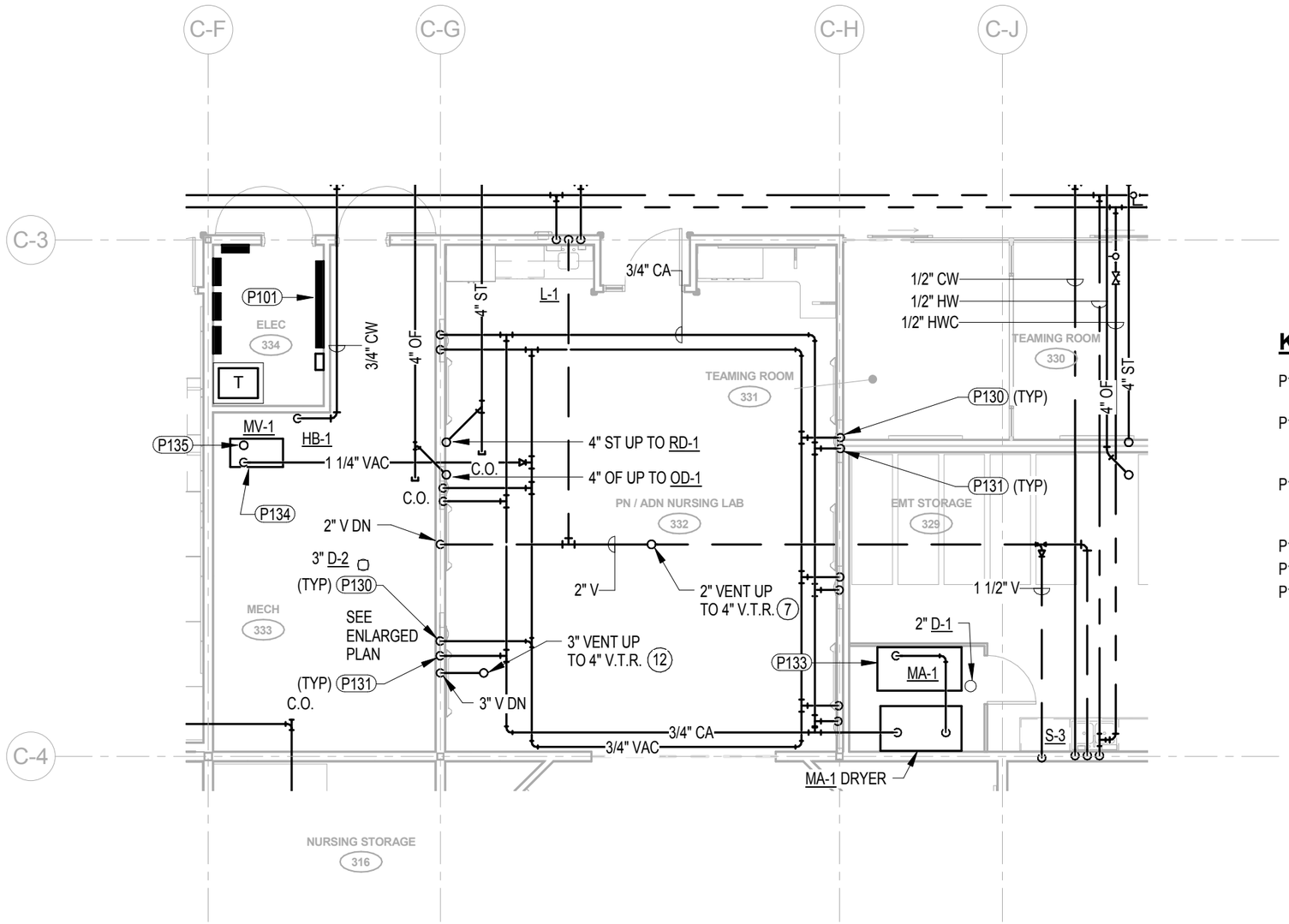
Project Number: **1501**

Addendum No. 2
Donor Wall Elevation
Sheet Ref: 5/A9.6
Sketch Date: **2/17/2016**

Sketch Number:

ASK-15



KEYNOTES

P101	DO NOT ROUTE PIPING ABOVE ELECTRICAL PANELS. MAINTAIN ALL CODE REQUIRED CLEARANCES.
P130	ROUTE 1/2" COMPRESSED AIR DOWN INTO TRAINING HEADWALL, CONNECT TO BOTH THE OXYGEN AND AIR CONNECTIONS. VERIFY EXACT LOCATION OF PREPLUMBED CONNECTION WITH HEADWALL SUPPLIER. TYPICAL SIX LOCATIONS.
P131	ROUTE 1/2" VACUUM DOWN INTO TRAINING HEADWALL, CONNECT TO VACUUM CONNECTIONS. VERIFY EXACT LOCATION OF PREPLUMBED CONNECTION WITH HEADWALL SUPPLIER. TYPICAL SIX LOCATIONS.
P133	CONNECT TO DRAIN, ROUTE TO FLOOR DRAIN.
P134	CONNECT TO 1/2" DRAIN ON VACUUM UNIT, ROUTE TO FLOOR DRAIN.
P135	ROUTE 1-1/4" DISCHARGE FROM VACUUM UNIT UP THROUGH ROOF, DOWNTURN WITH CORROSION RESISTANT SCREEN.

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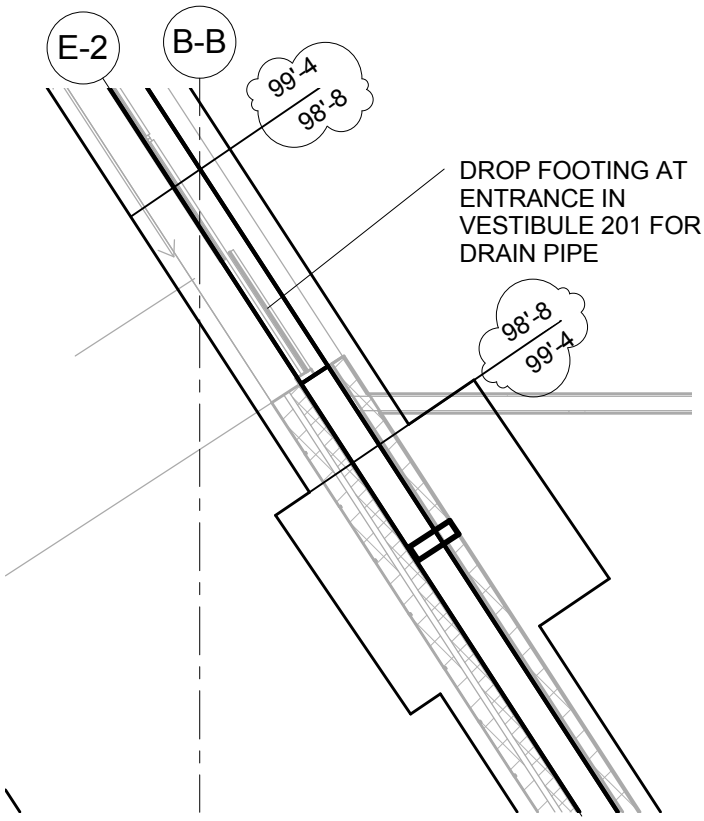
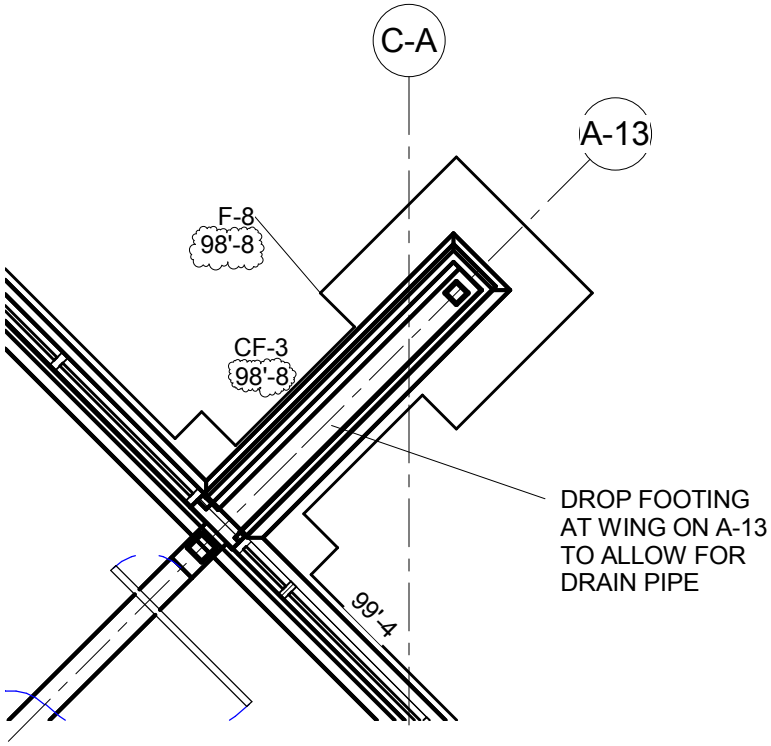
Addendum No. 2
PLUMBING PLAN - AREA C
Sheet Ref: P2.3

Project Number: **1501**
Sketch Date: **2/18/16**

Sketch Number:
PSK-02



1 WEST ENTRANCE AREA B
1/4" = 1'-0"



2 EAST ENTRANCE AREA B
1/4" = 1'-0"

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Project Number: **1501**

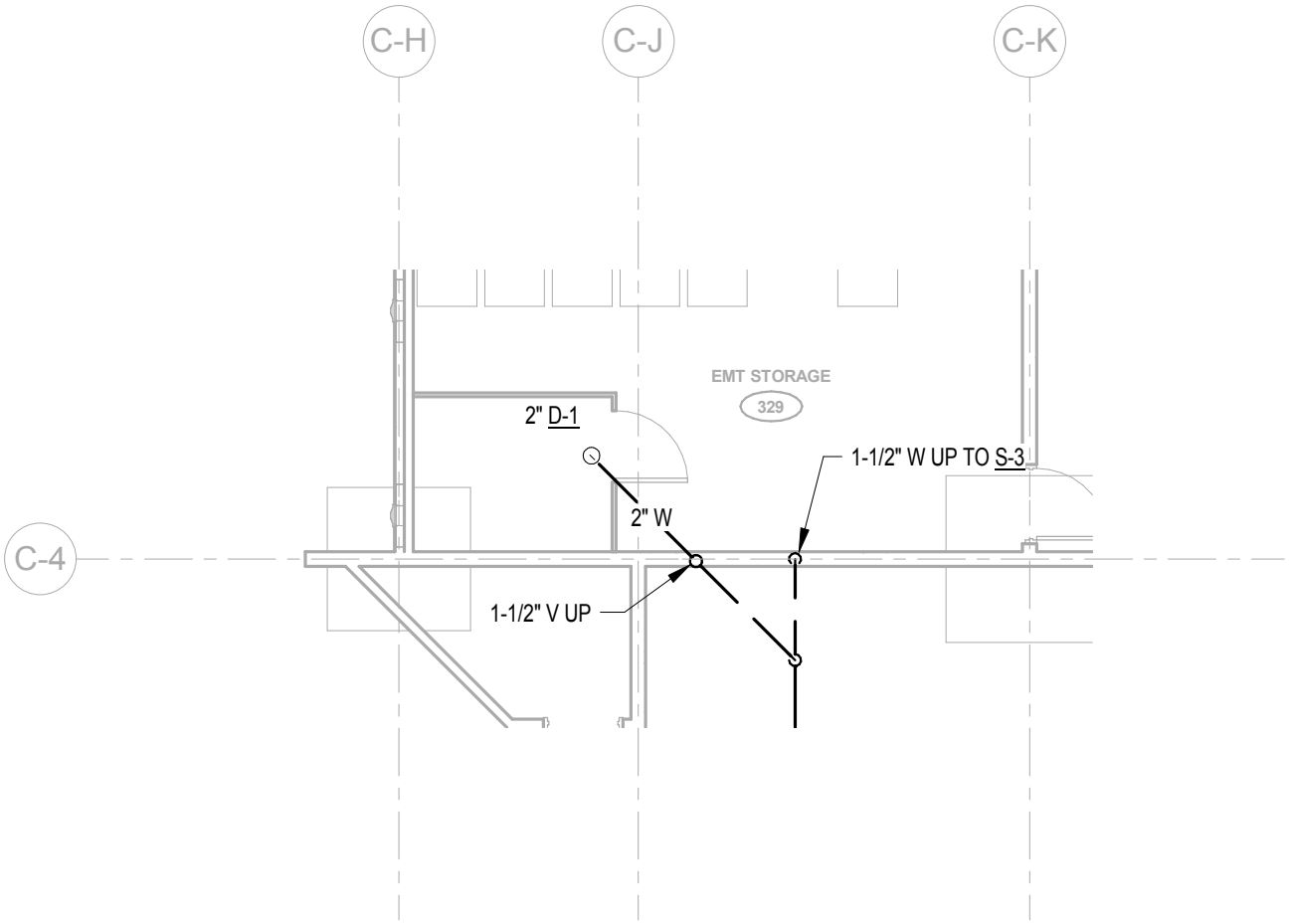
Addendum #2

FOOTING STEPS @ ENTRANCES

Sketch Date:

Sketch Number:

SK-1



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Project Number: **1501**

Addendum No. 2
UNDERGROUND PLUMBING PLAN - AREA C
Sheet Ref: P1.3
Sketch Date: **2/18/16**

Sketch Number:

PSK-03

DN-2	 MODEL: J.R. SMITH #1775	DESCRIPTION: TYPE 304 STAINLESS STEEL DOWNSPOUT COVER, ROUND FABRICATED STAINLESS STEEL FRAME WITH FABRICATED SECURED PERFORATED STAINLESS STEEL HINGED STRAINER. 1. VANDAL-PROOF SECURED TOP.	REMARKS: SEE FLOOR PLANS FOR STORM PIPING SIZE REQUIREMENTS.

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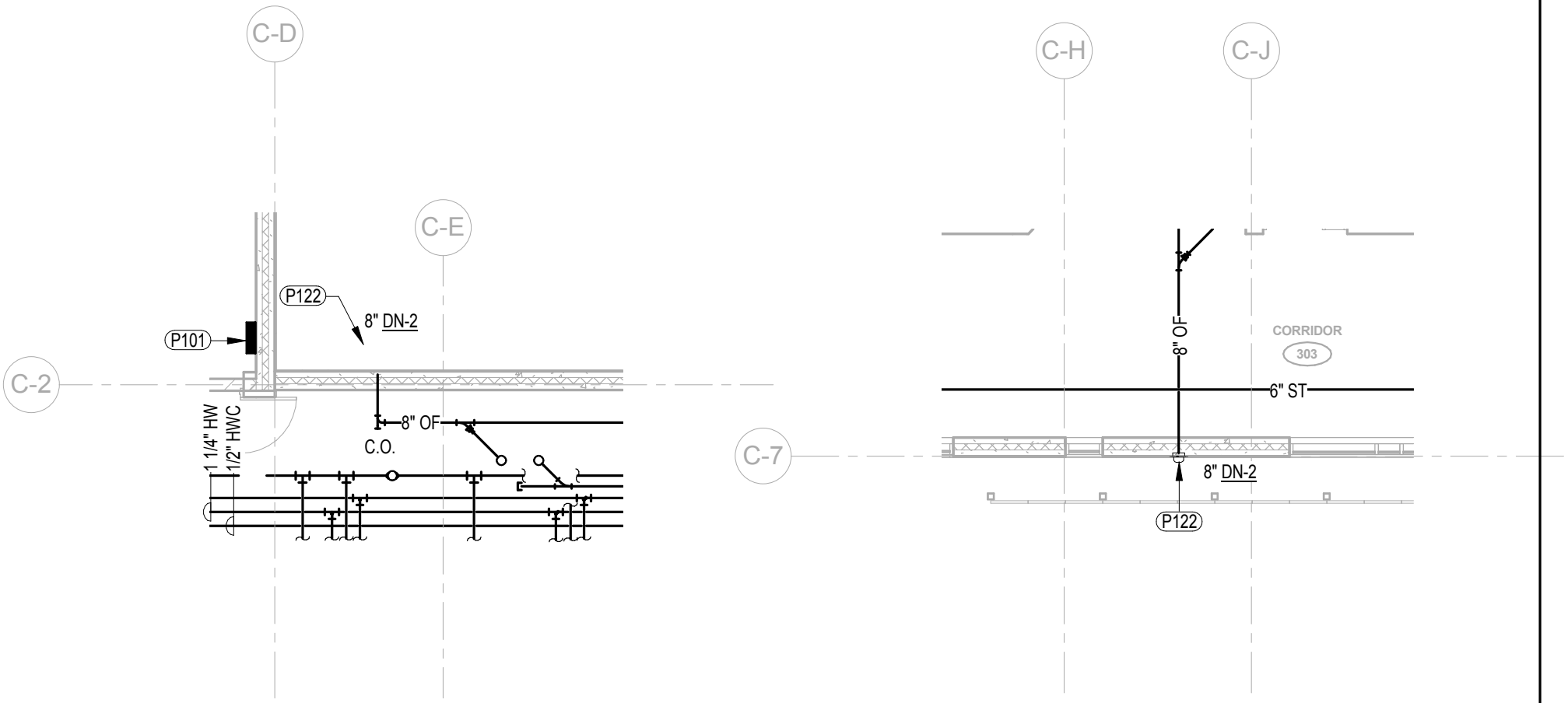
Addendum No. 2
PLUMBING FIXTURE SCHEDULE
Sheet Ref: P6.1
Sketch Date: **2/18/16**

Sketch Number:

PSK-04



KEYNOTES

P122 OFFSET OVERFLOW PIPING TO EXTERIOR WALL. DROP PIPING DOWN TO DOWNSPOUT NOZZLE LOCATED ABOVE CORRIDOR CEILING. LOCATE NOZZLE AT APPROX. 11'-3" A.F.F.

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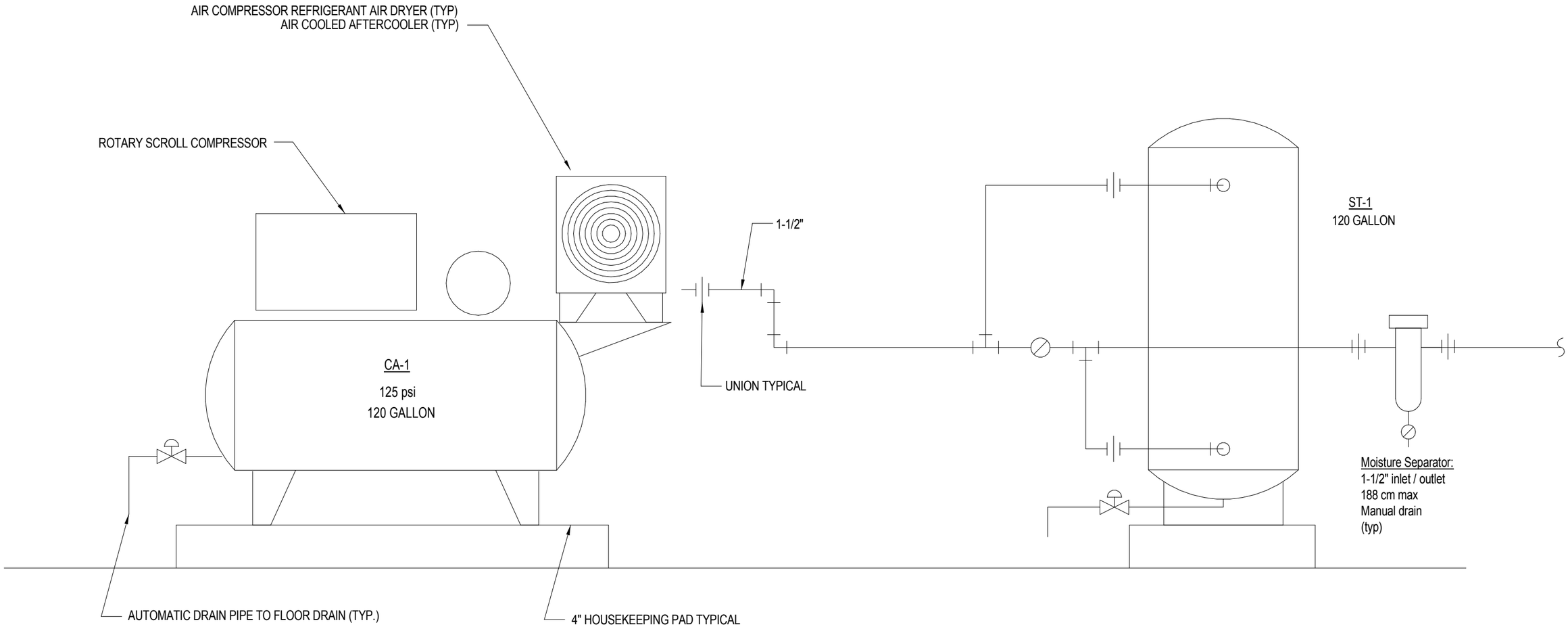
Addendum No. 2
PLUMBING PLAN - AREA C
Sheet Ref: P2.3
Sketch Date: **2/18/16**

Sketch Number:

PSK-05



COMPRESSED AIR SYSTEM DETAIL

NO SCALE

5
P5.2

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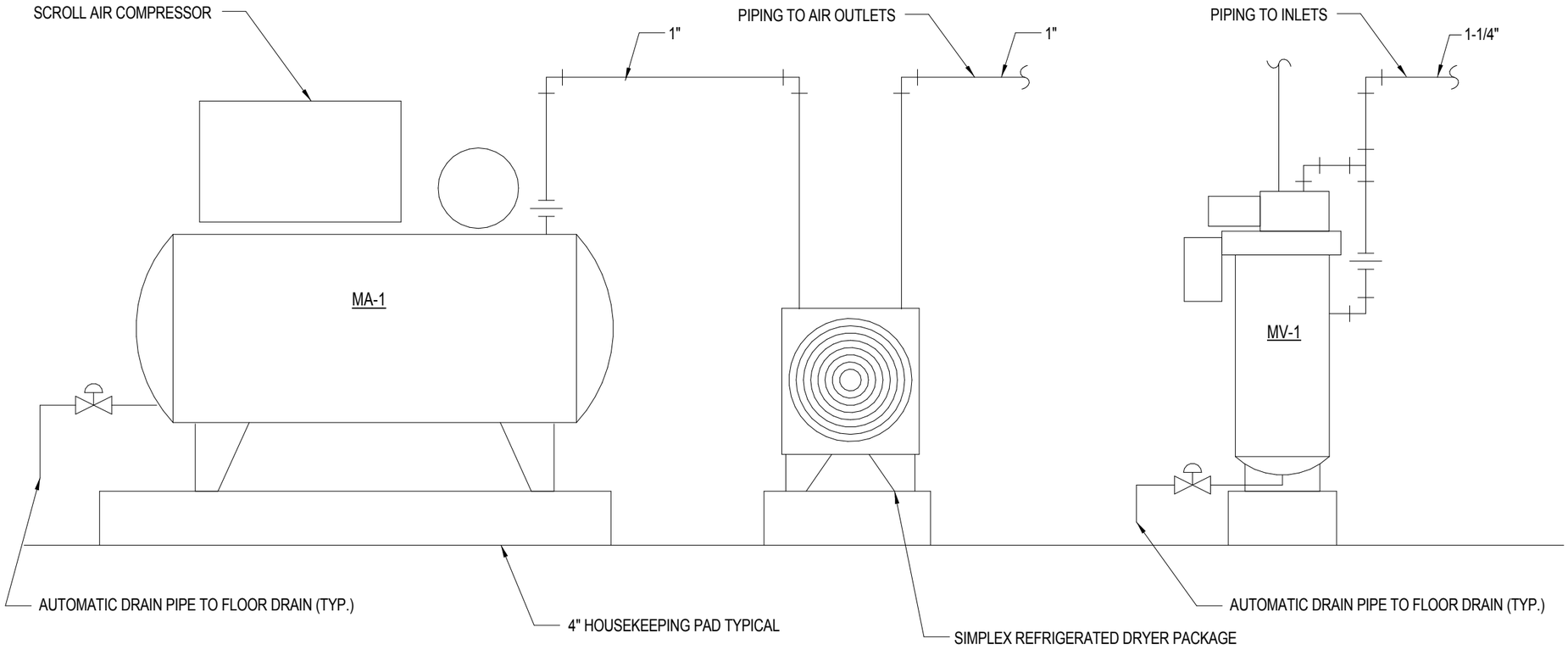
Addendum No. 2
PLUMBING DETAILS
Sheet Ref: P5.2

Project Number: **1501**
Sketch Date: **2/18/16**

Sketch Number:
PSK-06



NOTE: INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE. UNITS WILL BE USED FOR TRAINING PURPOSES ONLY AND ARE NOT INTENDED TO BE USED ON PATIENTS.

MEDICAL AIR AND VACUUM SYSTEMS DETAIL

NO SCALE

6
P5.2

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Addendum No. 2
PLUMBING DETAILS
Sheet Ref: P5.2

Project Number: **1501**
Sketch Date: **2/18/16**

Sketch Number:
PSK-07