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ADDENDUM NO. 1

Issued: November 25, 2015

Project: Ozark R-VI School District – Junior High School Additions & Renovations
1106 West Jackson
Ozark, MO 65721

Project No. 15029

Owner: Ozark R-VI School District
302 North 4th Avenue
Ozark, MO 65721

Bidding Documents Issued: November 11, 2015

This Addendum includes these 2 page[**s**] and the following attachments:

Project Manual:
097200 Wallcoverings.....4 pages
Drawings:
Reissued Architectural Sheets.....29 sheets
D101, D102, D103, D106, D108, A000, A001, A003, A004, A102, A103, A110, A120, A141, A142, A144, A200, A400, A403, A407, A502, A505, A521, A600, A606, A607, A608, A620, A621, A700.
Reissued Civil Sheets.....4 sheets
C100, C101, C103, C104.
Reissued Structural Sheets.....9 sheets
S000, S001, S102, S103, S104, S105, S106, S202, S203.

PROJECT MANUAL REVISIONS

A1 SECTION 001100 - INVITATION TO BID

A1.1 REVISE portion of Paragraph 1.2.A in Section 001100 "Invitation to Bid" to read as follows:

A. A Pre-Bid Conference, mandatory for all bidders, will be held at 2:00 p.m (Local Time), on **Wednesday**, December 2, 2015. Pre-Bid Conference will be held at the District Office, located at 302 North 4th Avenue, Ozark, MO 65721. Purpose of this Conference will be to review general project requirements and scheduling and answer Bidder's questions. Attendance is required for all potential Bidders

A2 SECTION 088000 - GLAZING

A2.1 DELETE Paragraph 2.6.B in Section 088000 "Glazing."

A3 SECTION 093000 - TILING

A3.1 INSERT new Paragraph 2.2.D into Section 093000 "Tiling" as follows:

D. Tile Type (093000.A01): Glazed ceramic wall tile.
1) Material Finish Designations: T7.
2) Basis-of-Design Product: Subject to compliance with requirements, provide Katelo; "Colour & Dimension", or comparable product with the following product characteristics submitted to and accepted by Architect prior to bidding.
3) Composition: Vitreous or impervious natural clay or porcelain.
4) Module Size: As indicated on Material Finish Legend
5) Face: Plain, with cushion edges.
6) Surface: Smooth.
7) Finish: As selected by Architect from manufacturer's full range.
8) Tile Color and Pattern: As indicated by manufacturer's designations on Material Finish Legend.

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9) **Grout Color: As indicated on Material Finish Legend.**
10) **Bullnose Corners: As indicated on Drawings.**

A3.2 REPLACE Paragraph 3.4.A.1.a in Section 093000 "Tiling" with the following:

a. Tile Type: T1, T2, T3, T4, T5, T6, and T7.

A3.3 REPLACE Paragraph 3.4.B.1.a in Section 093000 "Tiling" with the following:

b. Tile Type: T1, T2, T3, T4, T5, T6, and T7.

A4 SECTION 096513 – RESILIENT BASE AND ACCESSORIES

A4.1 REPLACE Paragraph 2.3.C in Section 096513 "Resilient Base and Accessories" with the following:

C. Colors and Patterns: As indicated by manufacturer's designations on Drawings.

A5 SECTION 096519 – RESILIENT TILE FLOORING

A5.1 INSERT new Paragraph 3.3.H.1 and 3.3.H.2 into Section 096519 "Resilient Tile Flooring" as follows:

1. **At perimeter of each room/area: Glue down; install every tile with full-spread, releasable, pressure-sensitive adhesive.**
2. **In field of room/area (inside glued down perimeter): install tiles with factory-applied releasable, pressure-sensitive adhesive strips**

A6 SECTION 097200 – WALLCOVERINGS

A6.1 INSERT NEW Section 097200 "Wallcoverings" dated November 25, 2015, attached.

DRAWINGS REVISIONS

A1 REISSUED ARCHITECTURAL SHEETS

A1.1 REISSUE the following sheets in their entirety that feature changes to the Construction Documents, and dated November 24, 2015, attached.

D101, D102, D103, D106, D108, A000, A001, A003, A004, A102, A103, A110, A120, A141, 142, A144, A200, A400, A403, A407, A502, A505, A521, A600, A606, A607, A608, A620, A621.

C1 REISSUED CIVIL SHEETS

C1.1 REISSUE the following sheets in their entirety that feature changes to the Construction Documents, and dated November 24, 2015, attached.

C100, C101, C103, C104.

S1 REISSUED STRUCTURAL SHEETS

S1.1 REISSUE the following sheets in their entirety that feature changes to the Construction Documents, and dated November 24, 2015, attached.

S000, S001, S102, S103, S104, S105, S106, S202, S203.

M1 REISSUED MEP SHEETS – REFER TO MEP ADDENDUM 1

END OF ADDENDUM NO. 1

smith&boucher ENGINEERS

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Project: Ozark Junior High Additions & Renovations
Smith & Boucher Project Numbers 1517901

The information included herein represents mechanical, electrical, and plumbing (MEP) modifications to the Bid Documents dated 11-11-2015 and shall be incorporated into the overall information for "ADDENDUM #1" dated 11-24-2015 as issued by the Architect.

PROJECT MANUAL:

1. **Section 237500 – Mechanical Equipment Screening**

   A. Paragraph 1.3A-2 shall read: Provide screening supported from roof curbs for Rooftop Units (RTUs) RTU-8, 9, 10, 11, 18, 19, 20, 21, 22, 23, 24, 25, 26, & 27, and Kitchen Makeup Air Unit (KMAU) KMAU-1.

DRAWINGS:

1. **M102 – FLOOR PLAN (MAIN LEVEL) - AREA B - HVAC**
   A. See full size drawing for revisions to Learning Stair B118 overhead ductwork and Vocal B121 return grille size.

END OF MEP ITEMS FOR "ADDENDUM #1"

SECTION 097200 - WALL COVERINGS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Felt wall covering (097200.A01 – WC1, WC2)

B. Related Sections:
   1. Section 099113 “Interior Painting” for priming wall surfaces.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product indicated. Include data on physical characteristics, durability, fade resistance, and flame-resistance characteristics.

B. Shop Drawings: Show location and extent of each wall-covering type. Indicate pattern placement, veneer matching, seams and termination points.
   1. Include a panel map for custom digital wall covering to coordinate installation.

C. Samples for Verification: Full width by 36 inch long section of wall covering from same print run or dye lot to be used for the Work. Show complete pattern repeat. Mark top and face of fabric.
   1. Sample from same print run or dye lot to be used for the Work, with specified paint applied to half of sample. Show complete pattern repeat. Mark top and face of fabric.
   2. Sample from same flitch to be used for the Work, with specified finish applied.

D. Product Schedule: For wall coverings. Use same designations indicated on Drawings.

1.3 INFORMATIONAL SUBMITTALS

A. Qualification Data: For qualified testing agency.

B. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for wall covering.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For wall coverings to include in maintenance manuals.

1.5 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
   1. Wall-Covering Materials: For each type, full-size units equal to 5 percent of amount installed.

1.6 QUALITY ASSURANCE

A. Fire-Test-Response Characteristics: As determined by testing identical wall coverings applied with identical adhesives to substrates according to test method indicated below by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
   1. Surface-Burning Characteristics: As follows, per ASTM E 84:
      a. Flame-Spread Index: 25 or less.
      b. Smoke-Developed Index: 450 or less.
   1. Fire-Growth Contribution: Textile wall coverings complying with acceptance criteria of UBC Standard 8-2.

1.7 PROJECT CONDITIONS

A. Environmental Limitations: Do not deliver or install wall coverings until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.

B. Lighting: Do not install wall covering until a permanent level of lighting is provided on the surfaces to receive wall covering.

C. Ventilation: Provide continuous ventilation during installation and for not less than the time recommended by wall-covering manufacturer for full drying or curing.

PART 2 - PRODUCTS

2.1 FELT WALL COVERINGS (097200.A01 - WC1, WC2)

A. Basis of Design Product: Subject to compliance with requirements, provide FilzFelt “3mm Wool Design Felt” or a comparable product from other manufacturers submitted to and accepted by Architect prior to bidding and meeting the following product characteristics.
   1. Felt Content: 100% wool design felt
   2. Felt Thickness: 3 mm
   3. Thread Content: Nylon
   4. Stitching Options: As selected by Architect from manufacturer’s full range (Hand or Machine)
   5. Embellishment Options: As selected by Architect from manufacturer’s full range.
   6. Cutting Options: Custom size as selected by Architect and shown on Drawings.
   7. Colorfastness to Light: Class 4-5 (40 hours)
   8. Colorfastness to Crocking: Class 3-4 (wet), Class 4-5 (dry)

B. Liquid Adhesive: Provide a low water content, universal textile, wallpaper, or clay-based adhesive
   1. Basis of Design: Provide Roman “Pro-880, Ultra Clear” or Simalfa “Simalfa 309” or a comparable product acceptable to felt wall covering manufacturer for wool felt installations.

C. Spray Adhesive:
   1. Basis of Design: Provide 3M “Super 77 Multipurpose Spray Adhesive” or a comparable product acceptable to felt wall covering manufacturer for adjustment of wool felt installations.

2.2 ACCESSORIES

A. Adhesive: Mildew-resistant, non-staining, strippable adhesive, for use with specific wall covering and substrate application; as recommended in writing by wall-covering manufacturer.

B. Primer/Sealer: Mildew resistant, complying with requirements in Section 099123 "Interior Painting" and recommended in writing by wall-covering manufacturer for intended substrate.

C. Wall Liner: Nonwoven, synthetic underlayment and adhesive as recommended by wall-covering manufacturer.

D. Seam Tape: As recommended in writing by wall-covering manufacturer.

E. Metal Primer: Interior ferrous metal primer complying with Section 099123 "Interior Painting".

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements for levelness, wall plumbness, maximum moisture content, and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Comply with manufacturer's written instructions for surface preparation.

B. Clean substrates of substances that could impair bond of wall covering, including dirt, oil, grease, mold, mildew, and incompatible primers.

C. Prepare substrates to achieve a smooth, dry, clean, structurally sound surface free of flaking, unsound coatings, cracks, and defects.
1. Moisture Content: Maximum of 5 percent on new plaster, concrete, and concrete masonry units when tested with an electronic moisture meter.
2. Metals: If not factory primed, clean and apply metal as recommended in writing by primer/sealer manufacturer and wall-covering manufacturer.
3. Painted Surfaces: Treat areas susceptible to pigment bleeding.

D. Check painted surfaces for pigment bleeding. Sand gloss, semi-gloss, and eggshell finish with fine sandpaper.

E. Remove hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.

F. Acclimatize wall-covering materials by removing them from packaging in the installation areas not less than 24 hours before installation.

G. Install wall liner, with no gaps or overlaps, where required by wall-covering manufacturer. Form smooth wrinkle-free surface for finished installation. Do not begin wall-covering installation until wall liner has dried.

3.3 INSTALLATION

A. General: Comply with wall-covering manufacturers' written installation instructions applicable to products and applications indicated except where more stringent requirements apply.
1. Follow manufacturers approved panel maps for installation of each custom digital wall covering. Install with no gaps or overlaps. Install seams vertical and plumb at least 6 inches from outside corners and 3 inches from inside corners. Horizontal seams are not permitted. Remove air bubbles, wrinkles, blisters and other defects. Trim edges for uniformity, pattern match and tight closure at seams and edges. Butt seams.

B. Cut wall-covering strips in roll number sequence. Change roll numbers at partition breaks and corners.

C. Install strips in same order as cut from roll.
1. When recommended by wall covering manufacturer, install reversing every other strip.

D. Install wall covering with no gaps or overlaps, no lifted or curling edges, and no visible shrinkage.

E. Match pattern 72 inches above the finish floor.

F. Install seams vertical and plumb at least 6 inches from outside corners and 3 inches from inside corners unless a change of pattern or color exists at corner. No horizontal seams are permitted.

G. Fully bond wall covering to substrate. Remove air bubbles, wrinkles, blisters, and other defects.

H. Trim edges and seams for color uniformity, pattern match, and tight closure. Butt seams without any overlay or spacing between strips.

3.4 FELT WALL COVERING INSTALLATION

A. Inspect felt wall covering material for irregularities and install with most desirable side visible to exterior. Coordinate with drawings for custom shape placement. Damaged materials shall be replaced with materials free of defects prior to installation.

B. Prepare the substrate to provide a smooth, even surface and prime. A Level 5 Finish surface that has been primed and finished is required to prevent any irregularities from telegraphing through the felt.

C. For straight edges: Trim the felt as needed to provide plumb and straight edges per manufacturer's recommendations.

D. Coat the substrate with suitable liquid adhesive using a foam roller. Allow to cure per the liquid adhesive manufacturer's application instructions.

E. Trim the felt as needed to provide plumb and straight edges per manufacturer's recommendations.

F. Apply the felt to the surface and use a weighted roller to smooth the surface, working from one end to remove any air bubbles and ensure maximum bond of adhesive.

G. As recommended by felt wall covering manufacturer, apply spray adhesive to edges of felt wallcovering to provide additional adhesion after initial installation.

3.5 CLEANING

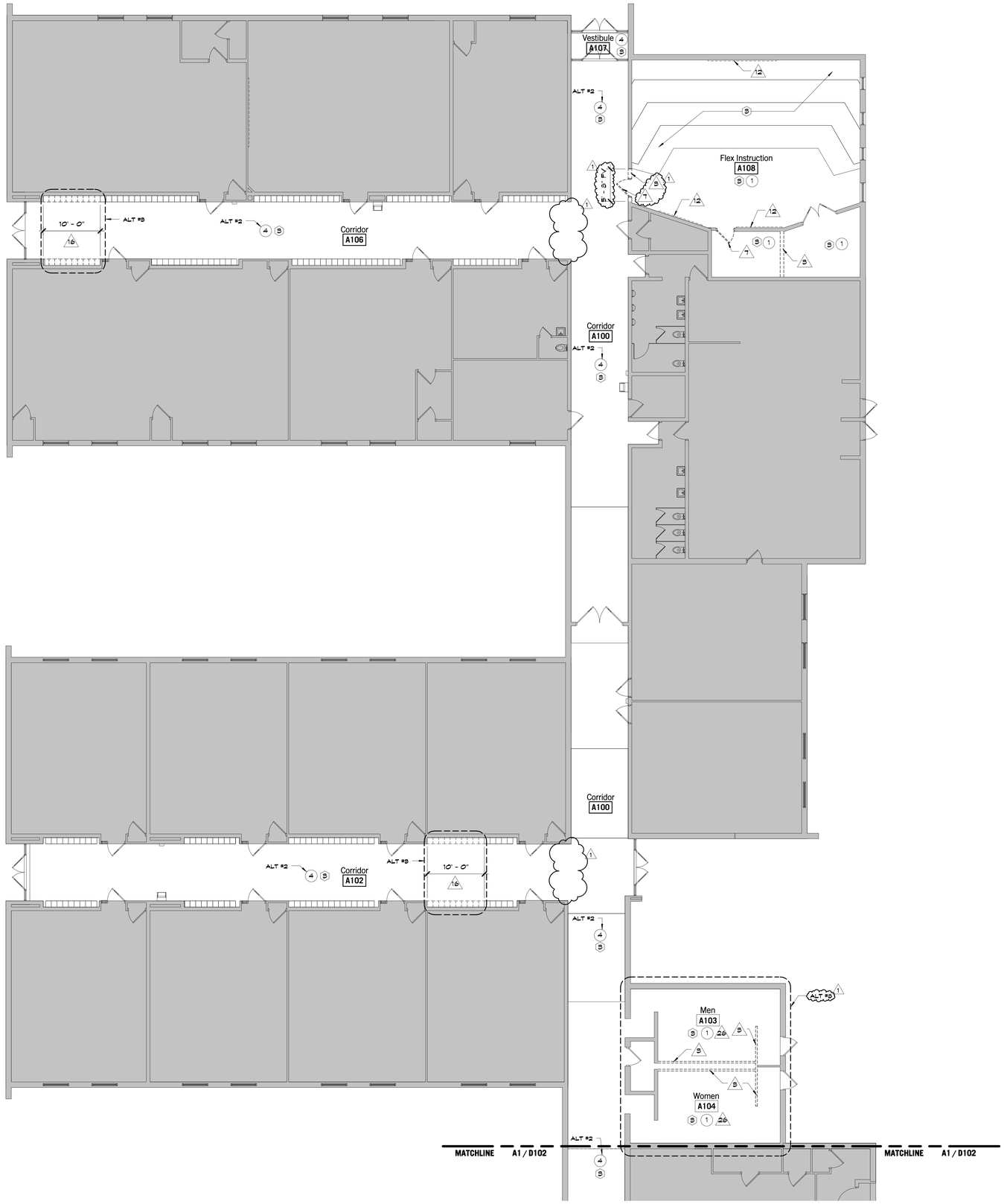
A. Remove excess adhesive at finished seams, perimeter edges, and adjacent surfaces.

B. Use cleaning methods recommended in writing by wall-covering manufacturer.

C. Replace strips that cannot be cleaned.

D. Reinstall hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.

END OF SECTION 097200



DEMOLITION NOTES

FLOORS & BASE

1. REMOVE EXISTING CARPET AND RESILIENT BASE INCLUDING ADHESIVE. DO NOT REMOVE TILE BASE. CLEAN EXISTING TILE BASE.
2. REMOVE ALL EXISTING VINYL COMPOSITION TILE.
3. REMOVE ALL EXISTING VINYL COMPOSITION TILE. REPAIR & REPLACE DAMAGED EXISTING TILE BASE AS REQUIRED.
4. REMOVE CONCRETE AS REQ'D FOR SUB-SLAB MECHANICAL, ELECTRICAL & PLUMBING WORK. SAW CUT EXISTING CONCRETE AREAS PRIOR TO REMOVAL. INFILL W/ VAPOR RETARDER & CONCRETE MIN 4" THICK (RE: P1/D101). MATCH EXISTING SLAB FLANES. DO NOT SAW CUT INTO EXISTING FOUNDATIONS OR OTHER STRUCTURAL MEMBERS. COORDINATE P/M/MECHANICAL, ELECTRICAL & PLUMBING FOR CAPPING OF PIPES NO LONGER IN USE. RE: MEP FOR EXTENT OF FLOOR SLAB DEMO NEEDED TO FACILITATE NEW UTILITIES.
5. REMOVE EXISTING CONCRETE FLOOR SLAB.
6. REMOVE EXISTING RAMP.
7. REMOVE EXISTING PLATFORM.
8. REMOVE EXISTING CONCRETE AND ASPHALT PAVING.
9. REMOVE EXISTING TILE FLOORING.

WALLS

1. REMOVE ALL PORTION OF EXISTING CMU / BRICK WALL. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIRING, ETC. REMOVE BASE AS REQUIRED. SALVAGE BRICK FOR REUSE.
2. REMOVE ALL PORTION OF EXISTING CMU / BRICK WALL AS REQUIRED FOR NEW DOOR/WINDOW INSTALLATION. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIRING, ETC. REMOVE BASE AS REQUIRED. SALVAGE BRICK FOR REUSE. REMOVE 5" (ONE ADDITIONAL COURSE) FROM EACH SIDE AND HEAD OF OPENING.
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9. REMOVE EXISTING CASED OPENING.
10. REMOVE EXISTING CASEWORK WITH ASSOCIATED COUNTERTOPS & ALL RELATED PLUMBING FIXTURES. RE: PLUMBING DEMO.
11. REMOVE EXISTING MARKERBOARD, TACKBOARD, CHALKBOARD, OR TACKWALL.
12. REMOVE EXISTING MARKERBOARD, TACKBOARD, CHALKBOARD, OR TACKWALL. PATCH & PREPARE EXISTING WALL BACKUP FOR PREPARATION OF NEW WALL FINISH.
13. REMOVE EXISTING METAL FRAME & GLAZING.
14. REMOVE EXISTING OPERABLE PARTITION & FRAME.
15. REMOVE EXISTING TOILET PARTITIONS.
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26. REMOVE ALL EXISTING PLUMBING FIXTURES.
27. REMOVE EXISTING DATA/ELECTRICAL DROPS.
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31. REMOVE EXISTING HM DOOR FRAME, ROLLING GARAGE DOOR AND ALL ASSOCIATED HARDWARE
32. REMOVE EXISTING GLAZING, ALUM. CHANNEL SYSTEMS, & LOCKS. SALVAGE TO OWNER.
33. REMOVE EXISTING DIGITAL SIGNAGE. PROTECT & SALVAGE TO OWNER FOR REINSTALLATION

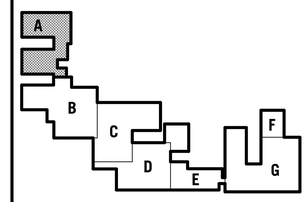
CEILINGS

1. REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION SYSTEMS. EXISTING HANGERS MAY BE REUSED FOR NEW CEILING.
2. REMOVE EXISTING METAL STUD/METAL SOFFIT PANEL/ SHEATHING & ALL ASSOCIATED FRAMING.
3. REMOVE EXISTING GYP BD CEILING AND SUSPENSION SYSTEM. EXISTING HANGERS MAY BE REUSED FOR NEW CEILING.
4. REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION SYSTEMS INCLUDING EXISTING HANGERS.

ROOFS

1. REMOVE EXISTING GUTTERS & DOWNSPOUTS
2. REMOVE EXISTING CANOPY/COVERED WALKWAY COLUMNS, & FOOTINGS TO BELOW FINAL GRADE.

KEY PLAN



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913.345.0617 fax

BID DOCUMENTS

Ozark Junior High Additions & Renovations

Ozark R-VI School District

1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT

Kirk Christian Horner
A-2001016578

The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.

JOB NO: 15029
DRAWN BY: HD
CHECKED BY: GS/KO
DATE: 11.11.2015

D101

____ OF ____

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area A

DEMOLITION FLOOR PLAN - AREA A

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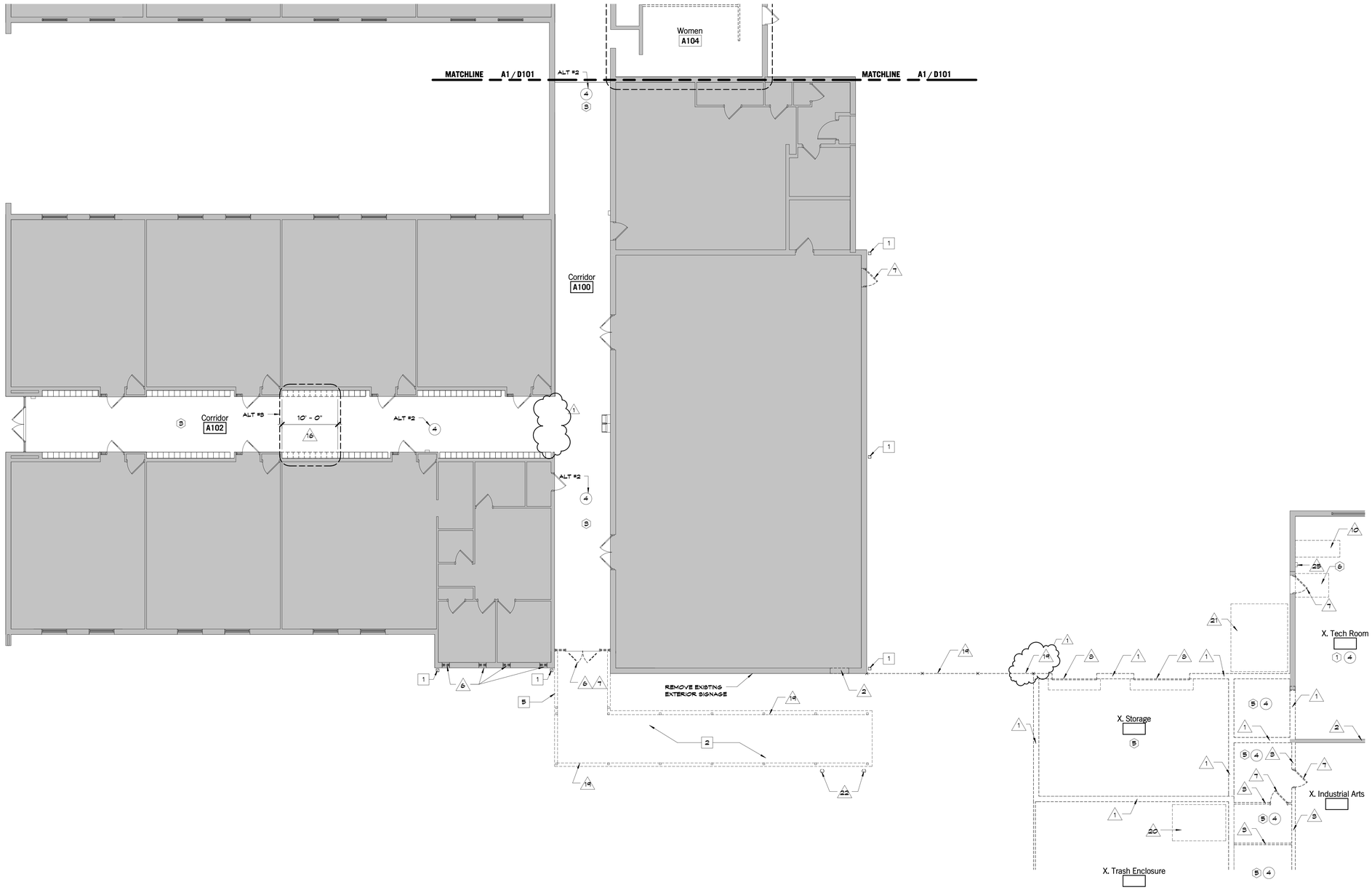

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33. REMOVE EXISTING DIGITAL SIGNAGE; PROTECT & SALVAGE TO OWNER FOR REINSTALLATION

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2. REMOVE EXISTING METAL STUD/METAL SOFFIT PANEL/ SHEATHING & ALL ASSOCIATED FRAMING.
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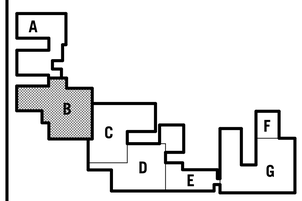
4. REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SUSPENSION SYSTEMS INCLUDING EXISTING HANGERS.

ROOFS

1. REMOVE EXISTING GUTTERS & DOWNSPOUTS
2. REMOVE EXISTING CANOPY/COVERED WALKWAY, COLUMNS, & FOOTINGS TO BELOW FINAL GRADE.

KEY PLAN



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PO Box 166
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BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER
A-2001016578
REGISTERED
ARCHITECT

Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD
CHECKED BY: GS/KO
DATE: 11.11.2015

D102

OF

DEMOLITION FLOOR PLAN - AREA B

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area B

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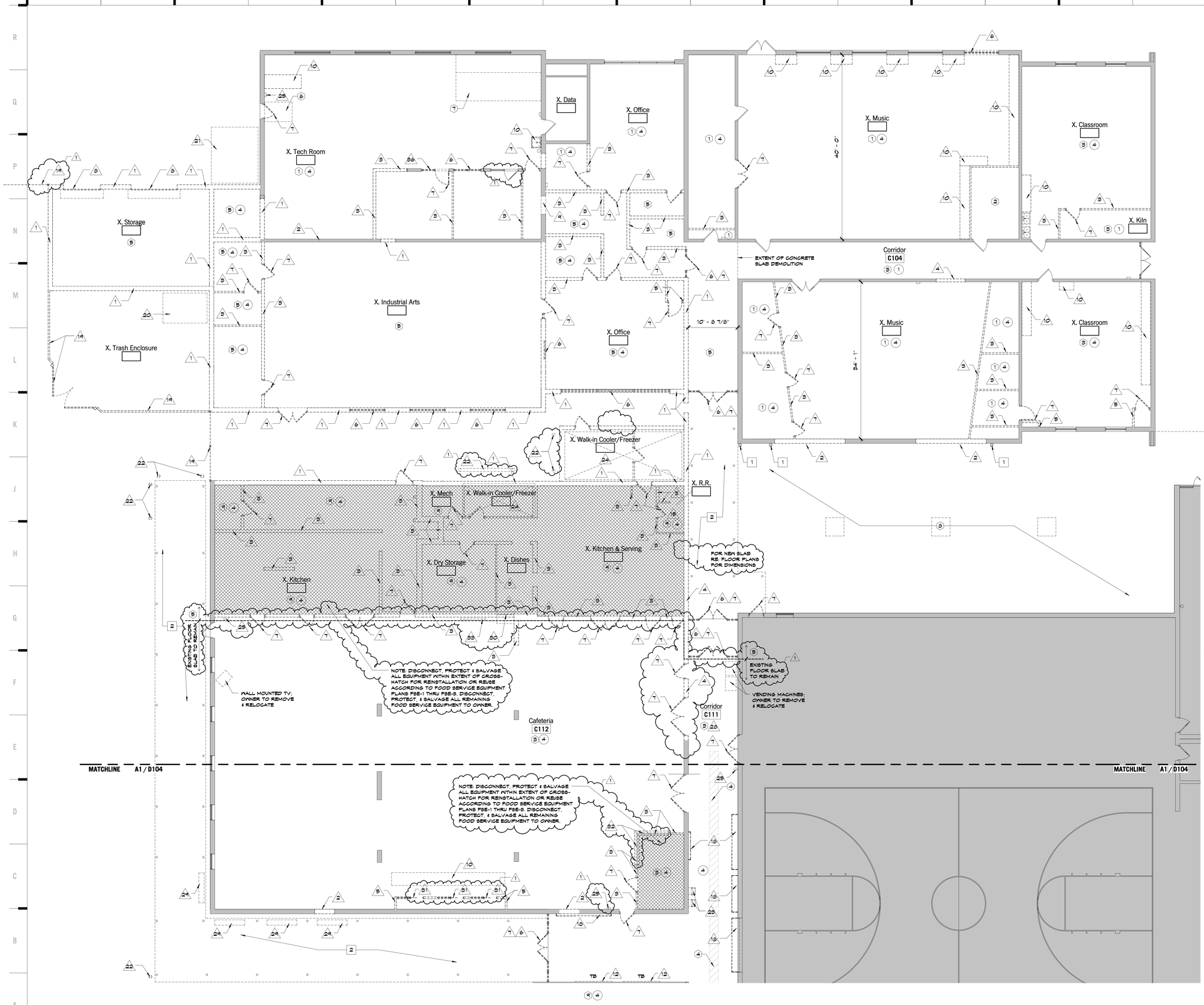

DEMOLITION NOTES

FLOORS & BASE

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2. REMOVE ALL EXISTING VINYL COMPOSITION TILE.
3. REMOVE ALL EXISTING VINYL COMPOSITION TILE. REPAIR & REPLACE DAMAGED EXISTING TILE BASE AS REQUIRED.
4. REMOVE CONCRETE AS REQ'D FOR SUB-SLAB MECHANICAL, ELECTRICAL & PLUMBING WORK. SAW CUT EXISTING CONCRETE AREAS PRIOR TO REMOVAL. INFILL W/ VAPOR RETARDER & CONCRETE MIN 4" THICK (RE: FLOOR PLANS). MATCH EXISTING SLAB FINISHES. DO NOT SAW CUT INTO EXISTING FOUNDATIONS OR OTHER STRUCTURAL MEMBERS. COORDINATE W/MECHANICAL, ELECTRICAL & PLUMBING FOR CAPPING OF PIPES NO LONGER IN USE. RE: MEP FOR EXTENT OF FLOOR SLAB DEMO NEEDED TO FACILITATE NEW UTILITIES.
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9. REMOVE EXISTING TILE FLOORING.

WALLS

1. REMOVE ALL PORTION OF EXISTING CMU / BRICK WALL. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIRING, ETC. REMOVE BASE AS REQUIRED. SALVAGE BRICK FOR REUSE.
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7. REMOVE EXISTING METAL FRAME, DOOR & ALL RELATED HARDWARE.
8. REMOVE EXISTING OH DOOR & ALL RELATED APPARATUS.
9. REMOVE EXISTING CASED OPENING.
10. REMOVE EXISTING CASEWORK WITH ASSOCIATED COUNTERTOPS & ALL RELATED PLUMBING FIXTURES. RE: PLUMBING DEMO.
11. REMOVE EXISTING MARKERBOARD, TACKBOARD, CHALKBOARD, OR TACKWALL.
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18. REMOVE EXISTING DISPLAY CASES. PATCH & REPAIR EXISTING WALL FOR NEW WALL FINISH.
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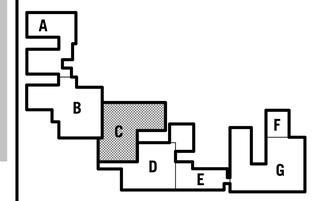

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Kirk Christian Horner
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CHECKED BY: GS/KO
DATE: 11.11.2015

D103

OF

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area C

DEMOLITION FLOOR PLAN - AREA C

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MATCHLINE J1 / D105

MATCHLINE J1 / D105

Corridor G101

Corridor G110

X, Data G108

X. Media Center

Men G102

Women G103

Corridor G100

Corridor G104

Corridor G111

ALT #2

ALT #3

ALT #5

ALT #8

FOR NEW ISLAND SINK

NOTE: REMOVAL / RELOCATION OF ALL BOOK SHELVES, TABLES, CHAIRS, MAGAZINE RACKS, PROJECTORS, PROJECTION SCREENS & WINDOW TREATMENTS BY OWNER. COORDINATE TIME / LOCATION OWNER.

FIELFD VERIFY LOCATION/DEMO OF EXISTING WINDOWS

REFERENCE CORRESPONDING CASEWORK ELEVATION FOR SIZE OF OPENINGS FOR DEMO

20' - 9 1/2"

10' - 0"

10' - 0"

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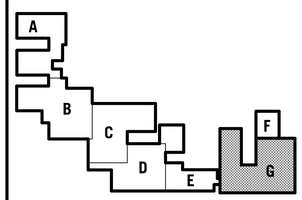

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1	Addendum No. 1	11.23.2015

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JOB NO: 15029
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DATE: 11.11.2015

D106
_____ OF _____

DEMOLITION FLOOR PLAN - AREA G

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area G

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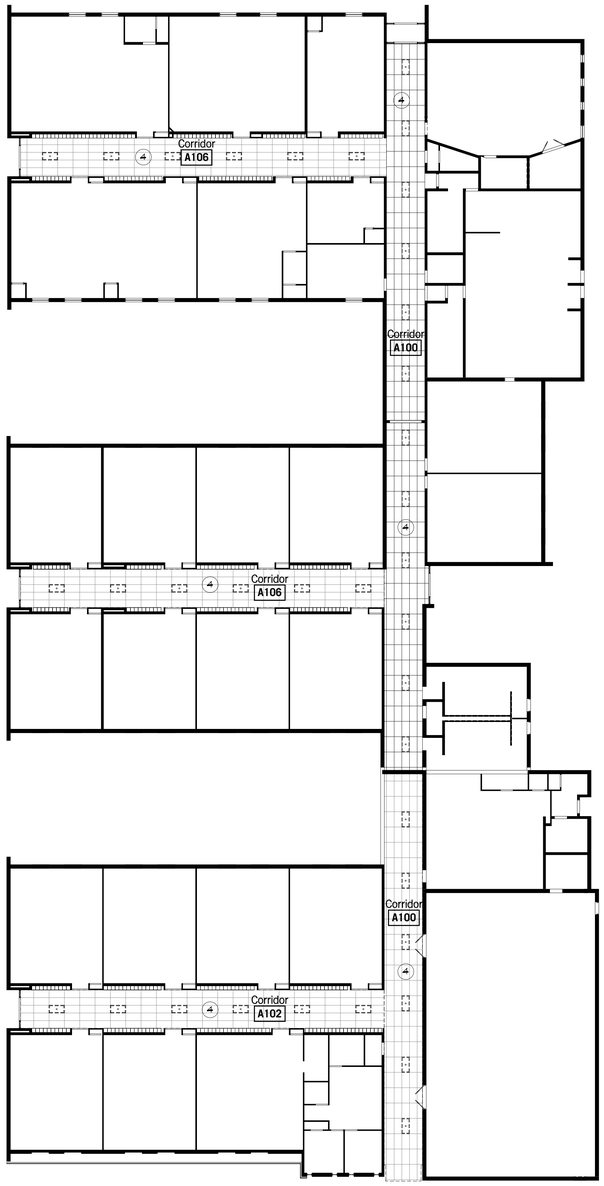

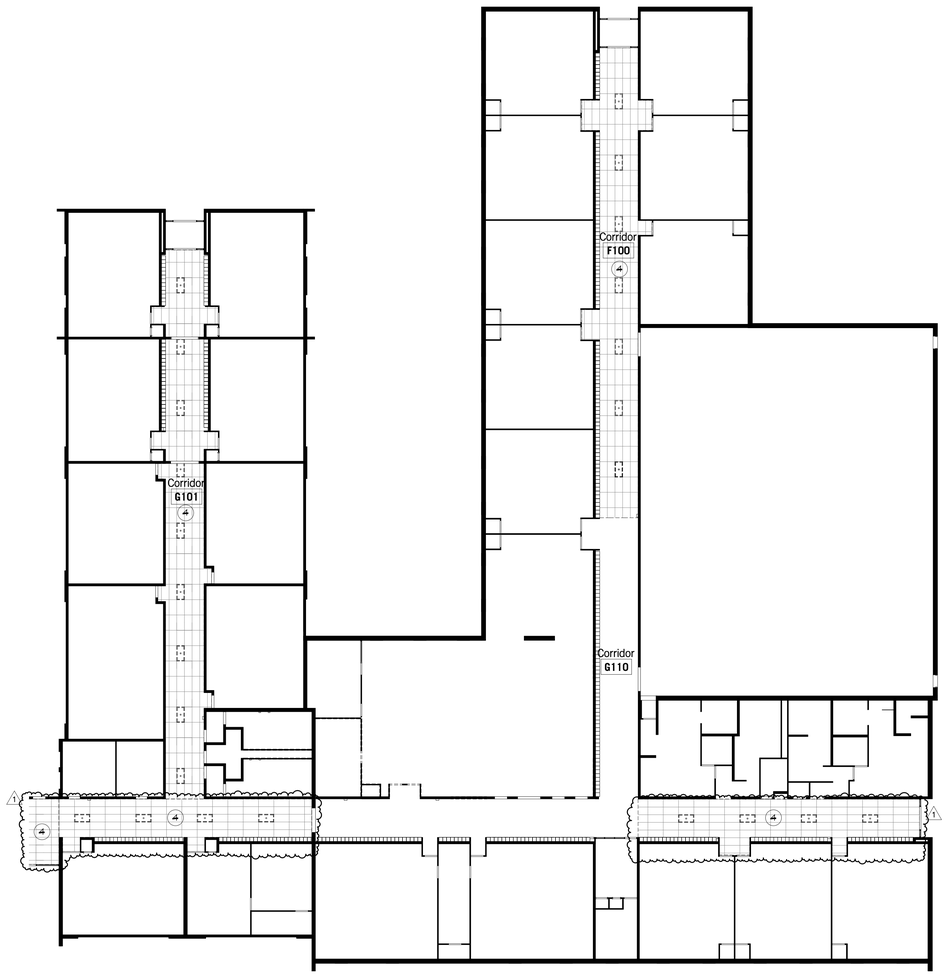

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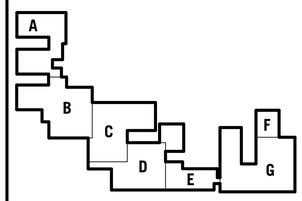

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BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD
CHECKED BY: GS/KO
DATE: 11.11.2015

D108

OF

A1 | Scale 1/16" = 1'-0" | Alternate 2 - Demolition Reflected Ceiling Plan - Corridor Ceilings - Area A & B

A8 | Scale 1/16" = 1'-0" | Alternate 2 - Demolition Reflected Ceiling Plan - Corridor Ceilings - Area F & G

DEMOLITION REFLECTED CEILING PLAN - ALTERNATE 2

Please consider the environment before printing this.

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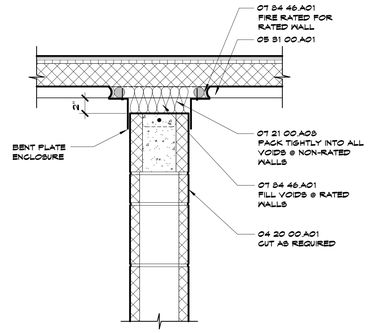
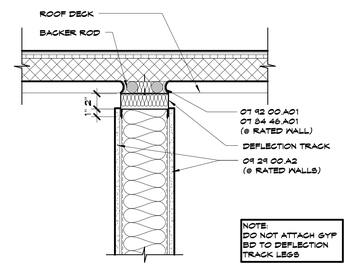
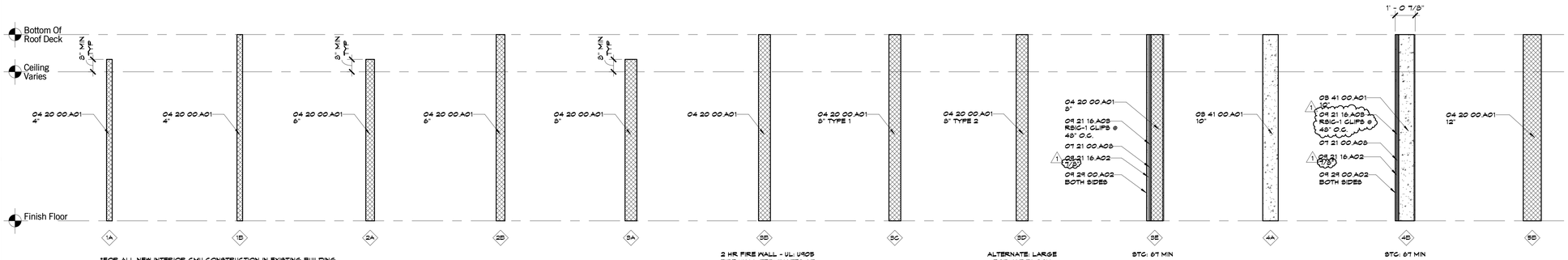


N9 | Scale 1 1/2" = 1'-0" | CMU Wall Termination @ Roof Deck



N13 | Scale 1 1/2" = 1'-0" | Top of Wall - Firestopping @ Roof Deck



*FOR ALL NEW INTERIOR CMU CONSTRUCTION IN EXISTING BUILDING
1) BASE COURSE TO MATCH EXISTING @ 5 1/2", FV
2) STACKED BOND TO MATCH EXISTING

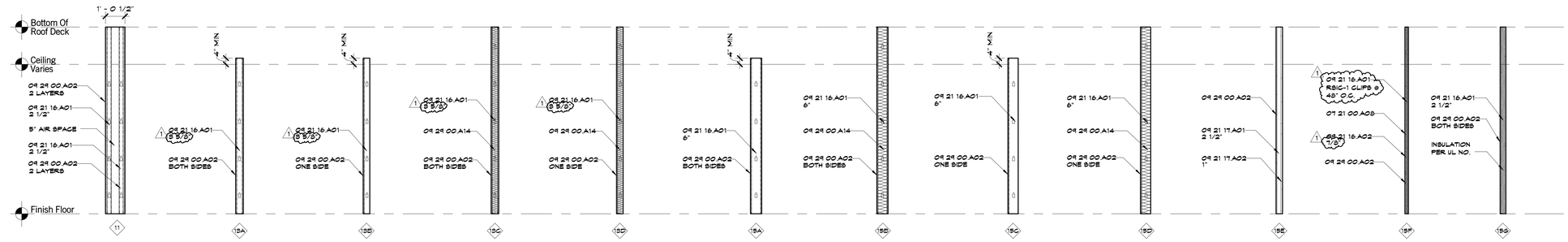
2 HR FIRE WALL - UL U905
FIRE WALL TERMINATES AT
UNDERSIDE OF ROOF SHEATHING,
DECK OR SLAB OF LOWER ROOM
PER 706.6.1 EXCEPTION

ALTERNATE: LARGE
FORMAT BLOCK
8x8x16
1

STC: 67 MIN

STC: 67 MIN

J1 | Scale 3/8" = 1'-0" | Interior Wall Types



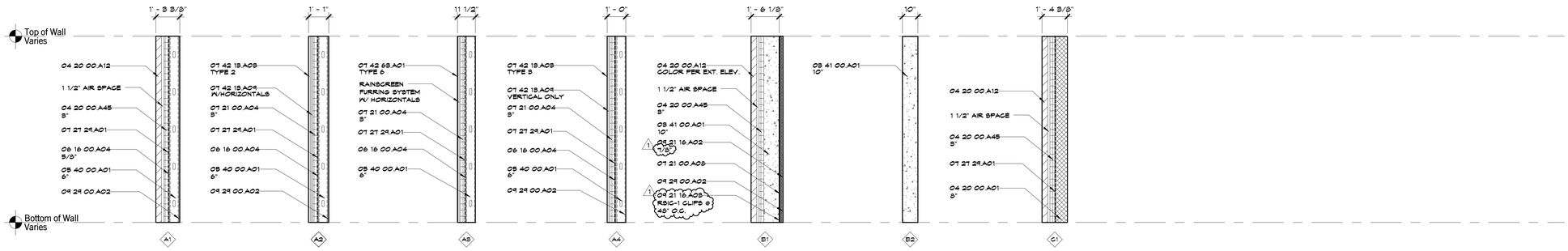
PROVIDE 05 40 00 A01 @
HEIGHTS EXCEEDING 12'-0"
FOR ALL INTERIOR AND
EXTERIOR WALLS

PROVIDE 05 40 00 A01 @
HEIGHTS EXCEEDING 12'-0"
FOR ALL INTERIOR AND
EXTERIOR WALLS

SHAFT WALL ASSEMBLY
2 HR
UL: 468

FIRE RATED ASSEMBLY
1 HR
UL: 419

E1 | Scale 3/8" = 1'-0" | Interior Wall Types (Continued)



*FOR ALL NEW EXTERIOR CMU CONSTRUCTION
1) BASE COURSE TO MATCH EXISTING @ 5 1/2", FV
2) STACKED BOND TO MATCH EXISTING

A7 | Scale 3/8" = 1'-0" | Exterior Wall Types

SHEET KEYNOTE LEGEND

03 41 00 A01	PRECAST STRUCTURAL CONCRETE
04 20 00 A01	CONCRETE MASONRY UNITS
04 20 00 A12	FACE BRICK
04 20 00 A45	CAVITY WALL INSULATION
05 31 00 A01	ROOF DECK
05 40 00 A01	COLD-FORMED METAL FRAMING
06 16 00 A04	GLASS-MAT GYPSUM WALL SHEATHING
07 21 00 A04	POLYISOCYANURATE INSULATION
07 21 00 A05	UNFACED GLASS FIBER BLANKET INSULATION
07 27 29 A01	VAPOR RETARDING AIR BARRIER COATING
07 42 13 A03	CONCEALED FASTENER METAL WALL PANELS
07 42 13 A04	RAINSCREEN FURRING SYSTEM
07 42 68 A01	PHENOLIC PANEL CLADDING SYSTEM
07 84 46 A01	FIRE RESISTIVE JOINT SYSTEM
07 92 00 A01	SEALANT
09 21 16 A01	NON-STRUCTURAL FRAMING
09 21 16 A02	HAT-SHAPED RIGID FURRING CHANNELS
09 21 16 A03	RESILIENT FURRING CHANNELS
09 21 17 A01	SHAFT-WALL ASSEMBLY
09 21 17 A02	GYPSUM LINER PANELS
09 29 00 A02	GYPSUM BOARD - TYPE X
09 29 00 A14	SOUND ATTENUATION BLANKETS

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CHECKED BY: GS/KO
DATE: 11.11.2015

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WALL TYPES

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MATERIAL FINISH LEGEND

ID	KEYNOTE	MANUFACTURER	MATERIAL	STYLE / COLOR	LOCATION / COMMENTS
ACT1	09 51 13.A01	ARMSTRONG	2'X4'X5/4" ACOUSTICAL CEILING TILE - SQ EDGE	ULTIMA 1913 NRC; WHITE	
ACT2	09 51 13.A01	ARMSTRONG	4'X4'X1" ACOUSTICAL CEILING TILE - TEGULAR EDGE	OPTIMA (2366) WHITE	
ACT3	09 51 13.A01	ARMSTRONG	2'X4'X5/4" ACOUSTICAL CEILING TILE - SQ EDGE; VINYL-FACED	CLEAN ROOM VL870; WHITE	
ACT4	09 84 56.A02	KINETICS NOISE CONTROL	2'X2' ACOUSTICAL BARREL DIFFUSER TILE	WHITE	MUSIC
ACT5	09 84 56.A02	KINETICS NOISE CONTROL	4'X4' ACOUSTICAL BARREL DIFFUSER TILE	WHITE	MUSIC
ACT6	09 51 13.A01	USG CEILINGS	2'X4'X1-1/2" ACOUSTICAL CEILING TILE - SQ EDGE	HALCYON CLIMA PLUS 99241	MUSIC
ACT7	09 51 13.A01	EPIC SKY TECHNOLOGY	2'X2'X5/4" ACOUSTICAL CEILING TILE - FIBER OPTIC STAR PANEL	BLACK	SENSORY AREAS
ACTG1	09 51 13.A01	ARMSTRONG	ACOUSTICAL CEILING SUSPENSION GRID - 15/16"	PRELUDE XL; WHITE	
ACTG2	09 51 13.A01	ARMSTRONG	ACOUSTICAL CEILING SUSPENSION GRID - 9/16"	SILHOUETTE; WHITE	USE WITH ACT2 ONLY
ACTG3	09 51 13.A01	ARMSTRONG	ACOUSTICAL CEILING SUSPENSION GRID - 15/16"	PRELUDE XL; BLACK	USE WITH ACT6 ONLY
C1	09 68 13.A01	PATCRAFT	WALK OFF CARPET TILE - 24"X24"	10304 WALK RIGHT IN II; 00100 NATURAL BEIGE	QUARTER-TURN INSTALLATION
C2	09 68 13.A01	INTERFACE	CARPET TILE - 25CMX1M	BL910 SILVER LININGS; 135710AK00 GREY 104505	ADMIN, HERRINGBONE INSTALLATION
C3	09 68 13.A01	J&J FLOORING GROUP	CARPET TILE - 19"X36" KINETEX	1814 UMBRA; 1762 OPAQUE	ASHLAR INSTALLATION
C4	09 68 13.A01	INTERFACE	CARPET TILE - 25CMX1M	BL920 SILVER LININGS; 135720AK00 GREY LINE 104515	ASHLAR INSTALLATION
C5	09 68 13.A01	INTERFACE	CARPET TILE - 25CMX1M	BL930 SILVER LININGS; 135730AK00 GREY FADE 104521	ASHLAR INSTALLATION
CG1	10 26 00.A03	C3 ACROVYN	CORNER GUARD - 3"X3"X48"	SM-20N; 944 WHITE	
EB1	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	2466-B PUTTY	USE WITH PL1
EB2	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	DW-2495 PEPPERDUST	USE WITH PL2
EB3	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	DW.2426 DOVE GREY	USE WITH PL3
EB6	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	2115 ANTIQUE WHITE	USE WITH PL6
EB5	12 32 00.A01	CHARTER INDUSTRIES	PVC EDGEBANDING - 3MM	F545 SPECTRUM RED	USE WITH PL5
F1	09 51 13.A01	GUILFORD OF MAINE	FABRIC WRAPPED SOUND ABSORBING PANEL	FR701; 844 OPAL	MUSIC
F2	09 51 13.A01	GUILFORD OF MAINE	FABRIC WRAPPED SOUND ABSORBING PANEL / SOUND DIFFUSING PANEL	FR701; 561 VERTE PAPIER	MUSIC
F3	09 51 13.A01	GUILFORD OF MAINE	FABRIC WRAPPED SOUND ABSORBING PANEL	FR701; 238 GREY MIX	MUSIC
F4	09 51 13.A01	KNOLL TEXTILES	FABRIC WRAPPED SOUND ABSORBING PANEL / SOUND DIFFUSING PANEL	HOURGLASS K1523/27 ALLEY	MUSIC
F5	09 51 13.A01	MAHARAM TEXTILES	FABRIC WRAPPED SOUND ABSORBING PANEL	MESSENGER 458640/061 CHERRY	MUSIC
F6	09 77 23.A01	MAHARAM TEXTILES	PRIVACY CURTAIN FABRIC	RON 511484/002	NURSE B114
FT1	09 67 23.A01	DESCO COATINGS	RESINOUS FLOOR TOPPING; GRANITE SERIES	CUSTOM BLEND: 215-7085	
FTB1	09 67 23.A02	DESCO COATINGS	RESINOUS INTEGRAL COVE BASE; GRANITE SERIES - 6"H	CUSTOM BLEND: 215-7085	
LVT1	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65115 STONE	FLOATING FLOOR INSTALLATION - FIELD
LVT2	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65761 TAUPE	FLOATING FLOOR INSTALLATION - DARKER
LVT3	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65114 BEIGE	FLOATING FLOOR INSTALLATION - ACCENT
LVT4	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65355 RED	FLOATING FLOOR INSTALLATION - ACCENT
OP1	10 22 39.A01	HUFCOR	OPERABLE ACOUSTIC PARTITION - CONTINOUSLY HINGED PANELS	DOUBLE-SIDED; FULL HEIGHT MARKERBOARD ON ONE SIDE (FACING D104A), PANEL FABRIC SILK ROAD 22-08 MIST ONE SIDE; METAL TRIM GRAY	EMOTIONAL NEEDS D104
P1	09 91 23.A01	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - FLAT	SW7005 EXTRA WHITE	
P2	09 91 23.A02 / 09 96 00.A01	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / EPOXY SEMI-GLOSS	SW7551 GREEK VILLA	
P3	09 91 23.A02 / 09 96 00.A02	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / EPOXY GLOSS	SW7016 MINDFUL GRAY	
P4	09 91 23.A02 / 09 91 23.A01 / 09 96 00.A02	BENJAMIN MOORE	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / FLAT / EPOXY GLOSS	BM 847 SWEET DREAMS	
P5	09 91 23.A02 / 09 91 23.A01 / 09 96 00.A02	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / FLAT / EPOXY GLOSS	SW7019 GAUNTLET GRAY	
P6	09 91 23.A02 / 09 96 00.A02	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / EPOXY GLOSS	SW6871 POSITIVE RED	
PC	03 35 23.A01		POLISHED CONCRETE		
PL1	06 40 23.A16 / 12 32 00.A01	LAB DESIGNS	PLASTIC LAMINATE	WX045 NATURAL OLIVE, LS FINISH	
PL2	12 32 00.A01	WILSONART	PLASTIC LAMINATE	7910K-15 HIGHLINE	
PL3	12 32 00.A01	WILSONART	PLASTIC LAMINATE	4943-33 CLASSIC LINEN	
PL4	12 32 00.A01	WILSONART	PLASTIC LAMINATE	D427-60 LINEN (WHITE)	
PL5	12 32 00.A01	ARPA	PLASTIC LAMINATE	0665 LIGHTEST BLUE; ERRE FINISH	CAVE SPACE
PL6	12 32 00.A01	ARPA	PLASTIC LAMINATE	0245 MEDIUM BLUE; ERRE FINISH	CAVE SPACE
PL7	12 32 00.A01	ABET LAMINATI /PRINT	PLASTIC LAMINATE	549 BEI DARKEST BLUE	CAVE SPACE
PL8	12 32 00.A01	ARPA	PLASTIC LAMINATE	0645 RED; ERRE FINISH	CAVE SPACE
PL9	12 32 00.A01	ARPA	PLASTIC LAMINATE	0565 DARK GRAY; ERRE FINISH	
PL10	12 32 00.A01	WILSONART	PLASTIC LAMINATE	1500-60 GREY	INSTRUMENTAL STORAGE CASEWORK / WENGER CORPORATION
PL11	12 32 00.A01	WILSONART	PLASTIC LAMINATE	4674-60 EVENING TIGRIS	INSTRUMENTAL STORAGE COUNTERTOP / WENGER CORPORATION
RB1	09 65 13.A01	JOHNSONITE	RESILIENT BASE - 4"H STRAIGHT	DGT-469-4 MYSTIFY	
RB2	09 65 13.A01	JOHNSONITE	RESILIENT BASE - 4"H COVE	DC-032-4 PEBBLE	
RB3	09 65 13.A01	JOHNSONITE	RESILIENT BASE - 6"H PROFILED MILLWORK	REVEAL MX-32-F6; 32 PEBBLE	EXISTING CORRIDORS, CLASSROOMS
SC	03 30 00.A01		SEALED CONCRETE		
SS1	06 61 00.A01	SLOAN STONE	SOLID SURFACE	MFR FROST	RESTROOM SINKS
SS2	06 61 00.A01	CORIAN	SOLID SURFACE - 2CM EASED EDGES	WITCH HAZEL	TRANSACTION TOP
SS3	06 61 00.A01 / 12 32 00.A04	CORIAN	SOLID SURFACE - 2CM EASED EDGES	GLACIER ICE	COUNTER TOP
SS4	12 36 61.A03	CAESAR STONE	QUARTZ SURFACE - 2CM EASED EDGES	1 9141 ICE SNOW	
ST1	09 93 00.A02		WOOD STAIN / INTERIOR WOOD DOORS	RE: ROOM FINISH SCHEDULE, GENERAL FINISH NOTE #H	
T1	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP12 BLANCO; BRILLANT	
T2	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP44 GRIS GRAY; MATTE	
T3	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP31 ROUGE; MATTE	
T4	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP57 BLEU BALTIQUE 06; MATTE	
T5	09 30 00.A01	CBT TILE / IMOLA	WALL TILE - 30CMX60CM / 12"X24"	HALL 36R, 071 RED; GLOSSY	6-8 WEEK LEADTIME
T6	09 30 00.A01	JOC SURFACES / MARAZZI	GLAZED CERAMIC WALL TILE - 4"X12"	SYSTEMS CITTA DIMENSIONAL BLANCO	
T7	09 30 00.A01	CENTRAL STATES TILE / KATELO	GLAZED CERAMIC WALL TILE - 4"X16"	COLOUR & DIMENSION, TAUPE MATTE GLOSS	CAFETERIA
T8	09 30 00.A01	CENTRAL STATES TILE / KATELO	GLAZED CERAMIC WALL TILE - 4"X16"	COLOUR & DIMENSION, ARCTIC WHITE GLOSS	CAFETERIA
T9	09 30 00.A01	CENTRAL STATES TILE / KATELO	GLAZED CERAMIC WALL TILE - 4"X16"	COLOUR & DIMENSION, RED REFFER BRIGHT GLOSS	CAFETERIA
TC1	10 21 13.A01	GENERAL PARTITIONS	TOILET COMPARTMENTS - HDP (HIGH DENSITY POLYMER)	605 GRANITE	
TG1	09 30 00.A01	MAPEI	TILE EPOXY GROUT- 1/16" JOINT	33 AVALANCHE	
WC1	09 77 23.A01	WOLF GORDON	ACOUSTICAL WALLCOVERING	FELT 601AM FROSTY	CALMING DEN - UPHOLSTERED WALLS
WC2	10 11 00.A03	FILZFELT	ACOUSTICAL WALLCOVERING - 8MM	5C3 MAGNOLIE	CALMING DEN - UPHOLSTERED BENCH
WC3	10 11 00.A03	DL COUCH / SOURCE ONE	WALLCOVERING - WRITE AWAY DRY ERASE MAGNETIC	WHITE, GLOSSY	
WD1	09 64 00.A01	SMITH & FONG / PLYBOO	WOOD FLOORING - 3 5/8"X72"X5/8" BAMBOO TONGUE & GROOVE PLANK	AMBER EDGE GRAIN W/ POLYURETHANE SYSTEM SCS-FS-02150	LEARNING STAIR, FLEX INSTRUCTION B119
WD2	06 40 23.A01	SMITH & FONG / PLYBOO	WOOD PLYWOOD - 3/4" BAMBOO	AMBER EDGE GRAIN PLYWOOD, BP-V4846A-NAUF/FSC	LEARNING STAIR, FLEX INSTRUCTION B119
WD3	06 40 23.A13		HARDWOOD MAPLE, PLAIN-SLICED	CUSTOM STAIN TO MATCH (LIGHTER PORTION OF PL1). CONTRACTOR TO SUBMIT SAMPLE FOR ARCHITECT APPROVAL.	TRELLIS
WD3	09 64 00.A01	SMITH & FONG / PLYBOO	WOOD TRIM AS WALL BASE - 6"H	AMBER EDGE GRAIN PLYWOOD, BP-V4846A-NAUF/FSC	LEARNING STAIR, FLEX INSTRUCTION B119
WG1	10 14 00.A11	3M - CUSTOM PRINTED VINYL ADHESIVE FILM FOR SMOOTH SURFACES	WALL GRAPHIC - ENVISION WRAP FILM SV480GV3 W/ 8549L ENVISION LUSTER OVERLAMINATE	CUSTOM GRAPHIC; ARTWORK PROVIDED BY ARCHITECT	MEDIA CENTER
WG2	10 14 00.A11	3M - SOLID COLOR VINYL ADHESIVE FILM FOR SMOOTH SURFACES	WALL GRAPHIC - SCOTCHCAL OPAQUE GRAPHIC FILM SERIES 1080	1080-M211 MATTE CHARCOAL METALLIC	MEDIA CENTER, FACE ENTRY
WG3	10 14 00.A13	3M - CUSTOM PRINTED ADHESIVE FILM FOR GLASS	WALL GRAPHIC - SCOTCHCAL CLEARVIEW FILM IJ8150 W/ 8914 SCOTCHCAL OPTICALLY CLEAR OVERLAMINATE	CUSTOM GRAPHIC, ARTWORK PROVIDED BY ARCHITECT	
WG4	08 81 13.A01	3M - STANDARD GLASS FILM	WALL GRAPHIC - FASARA FROSTED FILM	SH2MAMM; SAN MARINO, 52 MILKY MILKY	
WP1	09 77 23.A01	CARNEGIE FABRICS	TACKABLE FABRIC WRAPPED WALL PANELS	NATURALS, 7052 XS2 FORECAST	
WP2	09 77 23.A01	DESIGNTEX	TACKABLE FABRIC WRAPPED WALL PANELS	MELANGE 3442-101 BIRCH	
WP3	09 77 23.A01	DESIGNTEX	TACKABLE FABRIC WRAPPED WALL PANELS	MELANGE 3442-301 CERISE	
WP4	09 77 23.A01	CARNEGIE FABRICS	TACKABLE FABRIC WRAPPED WALL PANELS	FONTE III, 152	
WT1	12 24 13.A01	MECHO SYSTEMS	WINDOW TREATMENT - MAUNAL ROLLER SHADES	THERMOVEIL DENSE VERTICAL WEAVE SHADECLOTH; 100% GREY, 2-3% OPENNESS FACTOR	
WT2	12 24 13.A02	MECHO SYSTEMS	WINDOW TREATMENT - MOTORIZED ROLLER SHADES	THERMOVEIL DENSE VERTICAL WEAVE SHADECLOTH; 100% GREY, 2-3% OPENNESS FACTOR	

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A001

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MATERIAL FINISH LEGEND

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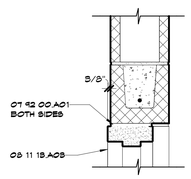
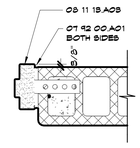
DOOR Number	Size	Type	Frame Type	Material	Grout	All DETAILS on A003 UNO Head	Strike	Hinge	Thresh	Fire Rating	Remarks
B100a	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--		H12/AB10	--	ALUMINUM FRAME TYPE 1
B100b	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--		H12/AB10	--	ALUMINUM FRAME TYPE 1
B100c	PR 3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 2
B100d	PR 3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 2
B101a	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 14
B101b	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B101c	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B101d	PR 3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 14
B102A	PR 2'-6" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B103	3'-0" x T'-0" x 1 3/4"	J	B	ALUM		A5/A521	A1B/A521		N1/S20	--	
B104	3'-0" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B105	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B106	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B107	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B108	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B109	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B110a	3'-0" x T'-0" x 1 3/4"	K	--	HM		--	--			--	ALUMINUM FRAME TYPE 18
B110b	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 17
B111a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B111b	3'-0" x T'-0" x 1 3/4"	E	1	ALUM		L8/A003	L11/A003			--	
B112	3'-0" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B113	3'-6" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B114a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B114b	3'-0" x T'-0" x 1 3/4"	E	1	ALUM		L8/A003	L11/A003			--	
B115	3'-0" x T'-0" x 1 3/4"	A	1	ALUM		L8/A003	L11/A003			--	
B116a	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 15
B116b	3'-0" x T'-0" x 1/2"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 16
B116c	14'-0"x10'-10"	P	--	--		N14/A004	P9/A004		P12/A004		OPERABLE GLASS PARTITION
B117	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 15
B119	4'-0" x T'-0" x 1 3/4"	H	1	HM		P14/A003	L14/A003			60-MIN	DOUBLE-EGRESS
B120a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P8/A003	P11/A003			--	
B120b	3'-0" x T'-0" x 1 3/4"	H	1	HM		A1B/A004 (BIM)	M1/A1B0			60-MIN	
B120c	3'-0" x T'-0" x 1 3/4"	H	1	HM		P14/A003	M1/A1B0			60-MIN	
B121a	PR 3'-6" x 8'-0" x 1 3/4"	L	1	HM		K5/A004 (BIM)	G5/A004 (BIM)			--	
B121b	PR 3'-6" x 8'-0" x 1 3/4"	C	1	HM		K5/A004	G5/A004			--	HIGH WIND
B122	PR 4'-0" x 8'-0" x 1 3/4"	C	1	HM		K5/A004 (BIM)	G5/A004 (BIM)			--	HIGH WIND
B122a	PR 4'-0" x 8'-0" x 1 3/4"	L	1	HM		K5/A004	G5/A004			--	
B123b	PR 3'-6" x T'-2" x 1 3/4"	D	1	HM		M1B/A521	G1B/A521		N1/A520 (BIM)	--	HIGH WIND
B123c	PR 3'-6" x T'-2" x 1 3/4"	D	1	HM		M1B/A521	G1B/A521		N1/A520 (BIM)	--	HIGH WIND
B124	3'-0" x 8'-0" x 1 3/4"	L	1	HM		K5/A004	G5/A004			--	
B125a	PR 4'-0" x 8'-0" x 1 3/4"	A	1	HM		K5/A004	G5/A004			--	
B125b	4'-0" x 8'-0" x 1 3/4"	A	1	HM		K5/A004	G5/A004			--	
B126	3'-0" x 8'-0" x 1 3/4"	L	1	HM		K5/A004	G5/A004			--	
C100a	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--		N1/A004	--	ALUMINUM FRAME TYPE 18
C100b	3'-0" x T'-0" x 1 3/4"	H	1	HM		P8/A003	P11/A003			90-MIN	FV DOOR HEIGHT TO MATCH EXISTING
C101a	PR 3'-6" x T'-2" x 1 3/4"	C	1	HM		K5/A004 (BIM)	G5/A004 (BIM)			--	HIGH WIND
C101b	3'-0" x T'-2" x 1 3/4"	L	1	HM		J8/A003	J1B/A003			--	
C101c	PR 3'-6" x T'-2" x 1 3/4"	A	1	HM		P8/A003 (BIM)	P11/A003 (BIM)			--	
C102a	3'-0" x T'-2" x 1 3/4"	L	1	HM		P8/A003 (BIM)	P11/A003 (BIM)			--	
C102b	3'-0" x T'-0" x 1 3/4"	M	1	HM		J8/A003	J11/A003			--	
C102c	3'-0" x T'-0" x 1 3/4"	--	--	--		--	--			--	EXISTING DOOR: PAINT DOOR & FRAME P8
C103	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 19
C105a	PR 3'-0" x T'-0" x 1 3/4"	E	1	HM		P8/A004	P11/A004			--	
C105b	PR 3'-6" x T'-0" x 1 3/4"	B	1	ALUM		A1B/A004	M4/A521		N1/A520	--	
C105	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM						--	ALUMINUM FRAME TYPE 12
C109a	PR 3'-0" & 1'-4" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C109b	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 11
C112a	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C110b	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C110c	PR 4'-0" x T'-0" x 1 3/4"	A	1	HM						--	
C111a	4'-0" x T'-0" x 1 3/4"	H	1	HM		P8/A003	P11/A003			90-MIN	DOUBLE-EGRESS
C111b	PR 3'-0" x T'-0" x 1 3/4"	H	1	HM		P8/A003	P11/A003			90-MIN	FV DOOR HEIGHT TO MATCH EXISTING
C112a	14'-0" W x 9'-4" H	M	--	--		D5/A004	A5/A004				
C112b	14'-0" W x 9'-4" H	M	--	--		D5/A004	A5/A004				
C112c	14'-0" W x 9'-4" H	M	--	--		D5/A004	A5/A004				
C112d	3'-0" x T'-0" x 1 3/4"	--	--	--		--	--		--	--	REMOVE EXTERNAL HARDWARE; ADD FACEPLATE; PAINT DOOR/FRAME
C112e	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C119a	55'-0" x T'-10"	C	--	--		P8/A004	A1/A1B0		F1/A004		SIDE COILING DOOR
C119b	4'-0" x T'-0" x 1 3/4"	B	1	ALUM		A1B/A004 (BIM)	M4/A521		N1/A520	--	
C119c	4'-0" x 4'-0"	R	--	--		D12/A004	G12/A004				
C114	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C116	3'-0" x T'-0" x 1 3/4"	B	1	HM		P8/A003	P11/A003			--	
C117a	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C117b	4'-0" x 4'-0"	R	--	--		D12/A004	G12/A004				
C117c	4'-0" x 4'-0"	R	--	--		D12/A004	G12/A004				
C119	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D100a	PR 3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D100b	PR 3'-0" x T'-0" x 1 3/4"	B	1	ALUM		A1B/A004 (BIM)	M4/A521		N1/A520	--	
D100c	4'-0" x T'-0" x 1 3/4"	H	1	HM		M1/A1B2 (BIM)	M4/A521 (BIM)			90 MIN	
D101	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D104a	16'-6" L x 8'-0" H F.V.	N	--	--		A1/A004	G1/A004			--	FOLDING ACOUSTICAL PARTITION
D104b	3'-0" x T'-0" x 1 3/4"	E	1	HM		P8/A003	P11/A003			--	
D105a	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D107	3'-6" x T'-0" x 1 3/4	E	2	HM		P8/A003	P11/A003			--	
D108a	3'-6" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D108b	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D109	3'-0" x T'-0" x 1 3/4"	A	1	HM		J8/A003	J11/A003			--	
D110	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D111	3'-6" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
E100a	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 20
E100b	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 20
E100c	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 21
E100d	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 21
E101	3'-0" x T'-0" x 1 3/4"	M	1	HM		L8/A003	L11/A003			--	
E102	3'-0" x T'-0" x 1 3/4"	M	1	HM		L8/A003	L11/A003			--	
E105a	3'-0" x T'-0" x 1 3/4	M	2	HM		L8/A003	L11/A003			--	
E105b	PR 3'-0" x T'-0" x 1 3/4"	M	1	HM		P14/A003	L14/A003				
E105c	PR 3'-0" x T'-0" x 1 3/4"	M	1	HM		P14/A003	L14/A003				
E104	3'-6" x T'-0" x 1 3/4"	A	1	HM		L8/A003	L11/A003			--	
ETR	3'-0" x T'-0" x 1 3/4"	--	--	--		--	--			--	EXISTING DOOR FRAMES TO REMAIN; PAINT INSIDE & OUT @ AREA C
G106a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
G106b	14'-0"XT-10"	P	--	--		N14/A004	P9/A004		P12/A004		OPERABLE GLASS PARTITION
G107a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
G107b	14'-0"XT-10"	P	--	--		N14/A004	P9/A004		P12/A004		OPERABLE GLASS PARTITION

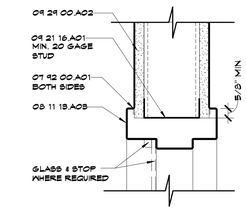
RE PROJECT MANUAL FOR DOOR HARDWARE SPECS



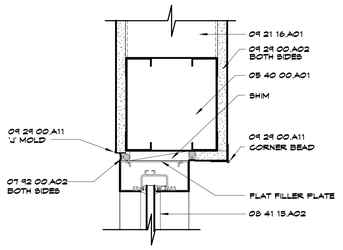
P8 Scale 1 1/2" = 1'-0" — HM Head @ CMU



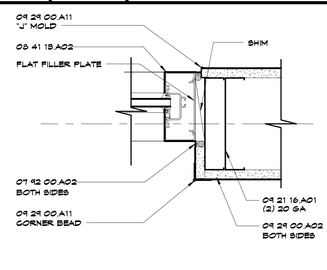
P11 Scale 1 1/2" = 1'-0" — HM Jamb @ CMU



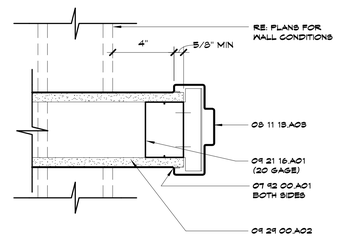
P14 Scale 3" = 1'-0" — HM Head @ Metal Stud



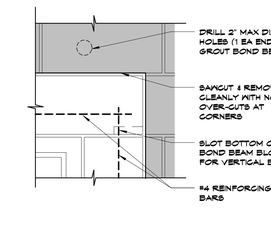
L8 Scale 3" = 1'-0" — Storefront Head @ Stud Wall (Interior)

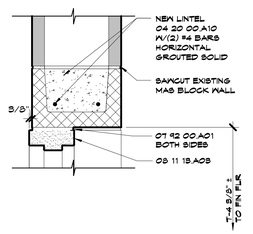


L11 Scale 3" = 1'-0" — Storefront Jamb @ Stud Wall (Interior)

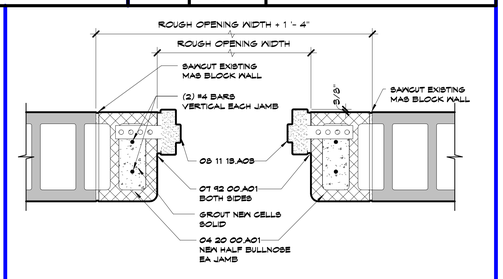


L14 Scale 3" = 1'-0" — HM Jamb @ Metal Stud

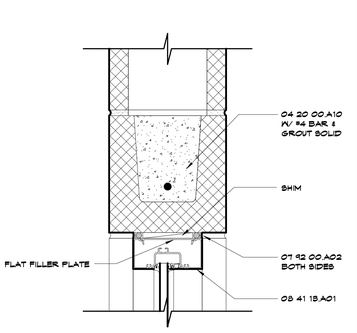




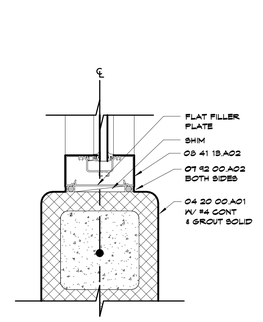
J8 Scale 1 1/2" = 1'-0" — HM Head Retrofit @ CMU Wall (Interior Only)



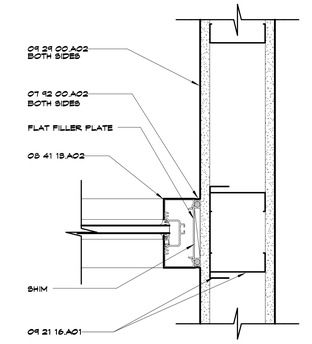
J13 Scale 1 1/2" = 1'-0" — HM Jamb Retrofit @ CMU



D8 Scale 3" = 1'-0" — Storefront Head @ CMU Wall (Interior)



D11 Scale 3" = 1'-0" — Storefront Jamb @ CMU Wall (Interior)



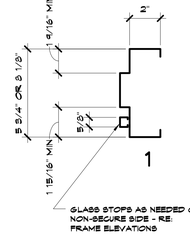
D14 Scale 3" = 1'-0" — Storefront Jamb Along Stud Wall (Interior)

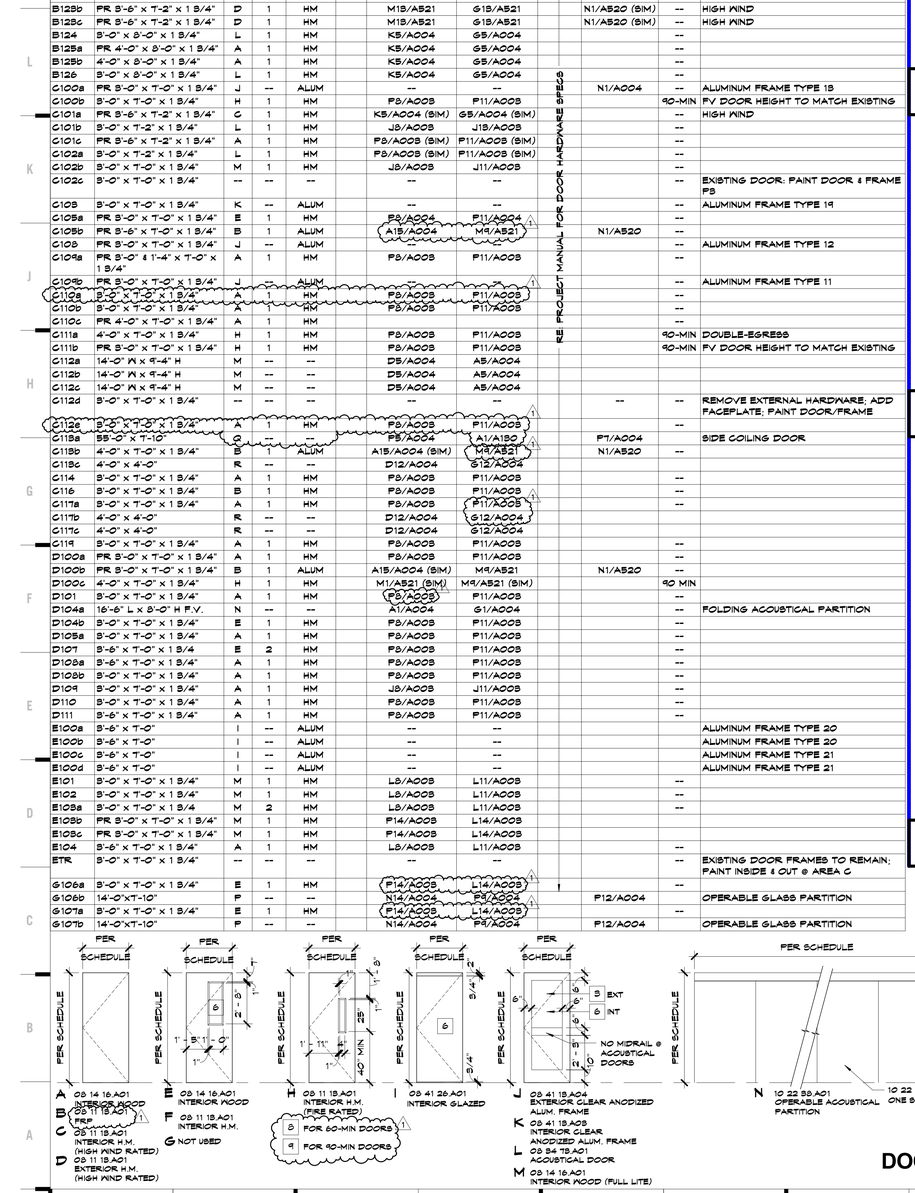
SHEET KEYNOTE LEGEND

04 20 00 A01	CONCRETE MASONRY UNITS
04 20 00 A10	MASONRY LINTELS (SITE CAST)
05 40 00 A01	COLD-FORMED METAL FRAMING
07 92 00 A01	SEALANT
07 92 00 A02	SEALANT W/BACKER ROD
08 11 1B A01	HOLLOW METAL DOOR
08 11 1B A03	HOLLOW METAL FRAME
08 14 16 A01	SOLID CORE FLUSH WOOD DOORS
08 33 23 A03	OVERHEAD COILING COUNTER DOORS
08 33 36 A01	SIDE COILING GRILLE (MANUAL)
08 34 19 A01	INTERIOR VERTICAL-FOLDING BI-FOLD DOOR
08 34 1B A01	METAL ACOUSTICAL DOOR ASSEMBLY
08 41 1B A01	STOREFRONT FRAMING (THERMAL BROKEN)
08 41 1B A02	STOREFRONT FRAMING (NON-THERMAL BROKEN)
08 41 1B A03	ALUMINUM DOOR
08 41 1B A04	ALUMINUM DOOR (HEAVY DUTY)
08 41 1B A1B	SLIDING ALUMINUM DOOR
08 41 26 A01	ALL-GLASS ENTRANCES
09 21 16 A01	NON-STRUCTURAL FRAMING
09 29 00 A02	GYPSUM BOARD - TYPE X
09 29 00 A11	GYPSUM BOARD TRIM
10 14 00 A1B	INTERIOR VINYL GRAPHICS (GLASS SUBSTRATE)
10 22 39 A01	OPERABLE ACOUSTICAL PARTITION
10 22 39 A06	DRY-ERASE SURFACE

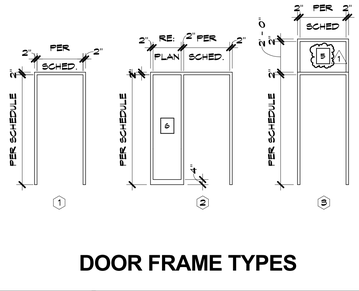
GLASS LEGEND

1. LOW-E TINTED INSULATED GLASS - 08 80 00 A19
2. LOW-E TINTED INSULATED FULLY-TEMPERED GLASS - 08 80 00 A20
3. LOW-E TINTED INSULATED LAMINATED GLASS - 08 80 00 A26
4. CLEAR INSULATED LAMINATED GLASS - 08 80 00 A25
5. CLEAR MONOLITHIC FLOAT GLASS - 08 80 00 A01 1/2" OR 5/8" @ WALLS & OPERABLE PARTITIONS 1/4" @ DISPLAY CASES ONLY
6. CLEAR FULLY-TEMPERED MONOLITHIC FLOAT GLASS - 08 80 00 A02 1/2" OR 5/8"
7. LOW-E INSULATED SPANDREL GLASS - 08 80 00 A22
8. 60-MIN FIRE-RATED GLAZING - 08 80 00 A28
9. 90-MIN FIRE-RATED GLAZING - 08 80 00 A28





DOOR TYPES



DOOR FRAME TYPES

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f 913.451.0220

220 NW Executive Way
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417.782.7398 fax

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State Certificate of Authority # EGC-000178
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT
Kirk Christian Horner
A-2001016578

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A003

OF

DOOR SCHEDULE

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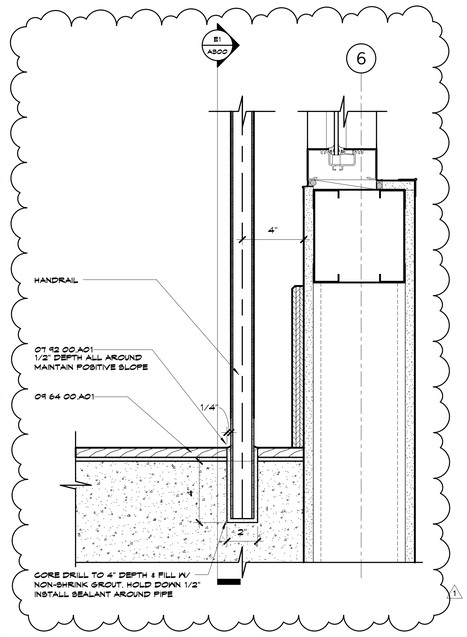
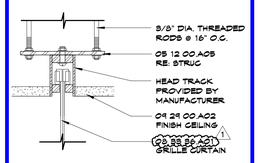
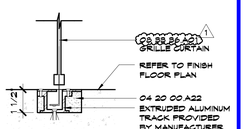


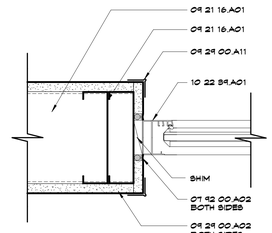
K1 Scale 3" = 1'-0" — Storefront Sill @ Learning Stair



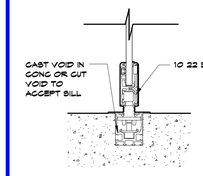
P5 Scale 3" = 1'-0" — Head @ Side Coiling Door



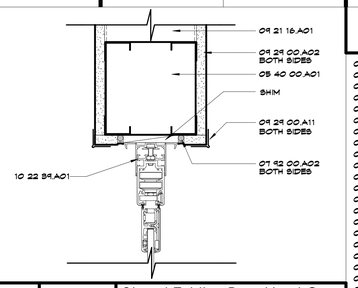
P7 Scale 3" = 1'-0" — Threshold @ Side Coiling Door



P9 Scale 3" = 1'-0" — Glazed Folding Door Jamb @ Stud Wall (Interior)



P12 Scale 3" = 1'-0" — Glazed Folding Door Sill @ Floor (Interior)



N14 Scale 3" = 1'-0" — Glazed Folding Door Head @ Stud Wall (Interior)

SHEET KEYNOTE LEGEND

05 41 00 A01	PRECAST STRUCTURAL CONCRETE
04 20 00 A01	CONCRETE MASONRY UNITS
04 20 00 A10	MASONRY LINTELS (SITE CAST)
04 20 00 A11	MASONRY BOND BEAM
04 20 00 A12	FACE BRICK
04 20 00 A19	MORTAR
04 20 00 A22	GROUT
04 20 00 A24	MASONRY JOINT REINFORCEMENT
04 20 00 A26	ADJUSTABLE MASONRY VENEER ANCHORS
04 20 00 A81	METAL DRIP EDGES
04 20 00 A82	EMBEDDED FLEXIBLE FLASHING
04 20 00 A84	FLASHING TERMINATION BARS
04 20 00 A40	CAVITY DRAINAGE MATERIAL
04 22 00 A45	CAVITY WALL INSULATION
05 12 00 A02	W SHAPE
05 12 00 A05	PLATE
05 12 00 A06	COLD-FORMED HSS
05 40 00 A01	COLD-FORMED METAL FRAMING
05 50 00 A22	LOOSE STEEL LINTEL
06 10 00 A18	WOOD BLOCKING/NAILERS
06 10 00 A16	FIRE-RETARDANT TREATED WOOD BLOCKING & NAILERS
06 16 00 A02	FIRE-RETARDANT TREATED PLYWOOD
06 40 23 A18	ORNAMENTAL WOODWORK
07 21 00 A05	UNFACED GLASS-FIBER BOARD INSULATION
07 21 00 A08	UNFACED GLASS FIBER BLANKET INSULATION
07 27 26 A01	VAPOR RETARDING AIR BARRIER COATING
07 92 00 A01	SEALANT
07 92 00 A02	SEALANT W/BACKER ROD
07 95 00 A06	WALL-TO-WALL JOINT SYSTEM
08 11 13 A08	HOLLOW METAL FRAME
08 33 23 A06	OVERHEAD COILING FIRE-RATED SERVICE DOORS
08 33 23 A01	SIDE COILING GRILLE (MANUAL)
08 34 19 A01	INTERIOR VERTICAL-FOLDING BI-FOLD DOOR
08 41 13 A01	STOREFRONT FRAMING (THERMAL BROKEN)
08 41 13 A02	STOREFRONT FRAMING (NON-THERMAL BROKEN)
08 41 26 A01	ALL-GLASS ENTRANCES
09 21 16 A01	NON-STRUCTURAL FRAMING
09 21 16 A02	HAT-SHAPED RIGID FURRING CHANNELS
09 21 16 A03	RESILIENT FURRING CHANNELS
09 29 00 A02	GYPSUM BOARD - TYPE X
09 29 00 A11	GYPSUM BOARD TRIM
09 29 00 A13	REVEAL TRIM
09 51 13 A01	ACOUSTICAL CEILING PANELS
09 64 00 A01	FACTORY-FINISHED WOOD FLOORING
10 22 33 A01	OPERABLE ACOUSTICAL PARTITION
10 22 39 A01	OPERABLE GLASS-PANEL PARTITION (MANUAL)

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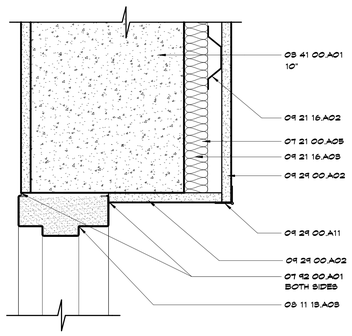
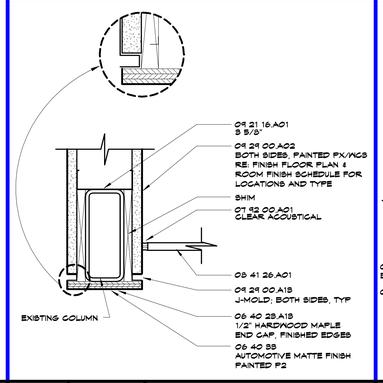
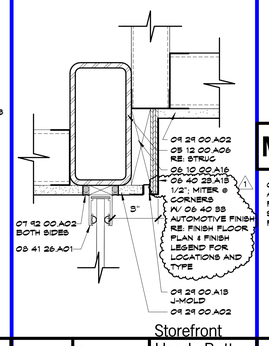


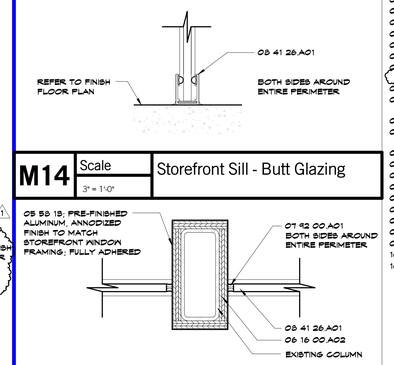
K5 Scale 3" = 1'-0" — HM Head @ Precast w/ Sound Assembly



K9 Scale 3" = 1'-0" — Storefront Jamb - Butt Glazing



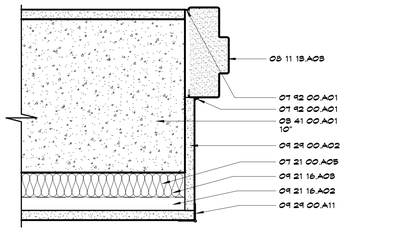
K12 Scale 3" = 1'-0" — Storefront Head - Butt Glazing



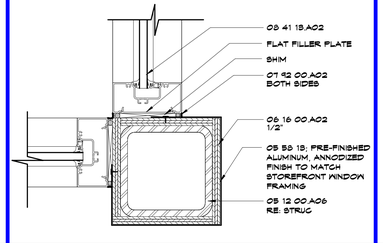
M14 Scale 3" = 1'-0" — Storefront Sill - Butt Glazing

K14 Scale 3" = 1'-0" — Storefront Jamb @ Column - Butt Glazing

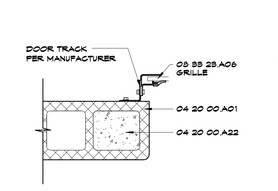
G1 Scale 1 1/2" = 1'-0" — Jamb @ Operable Wall



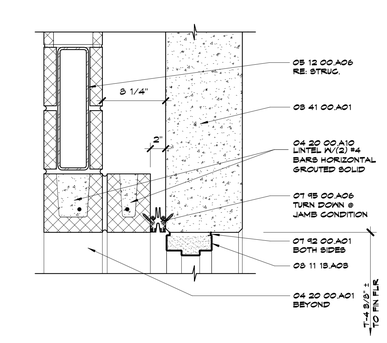
G5 Scale 3" = 1'-0" — HM Jamb @ Precast w/ Sound Assembly



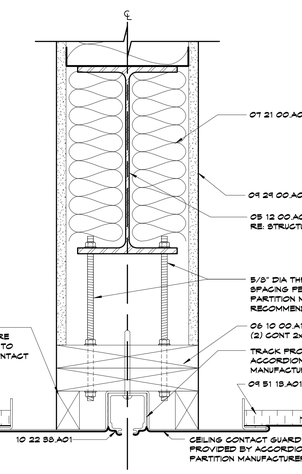
G9 Scale 3" = 1'-0" — Storefront Jamb @ Corner



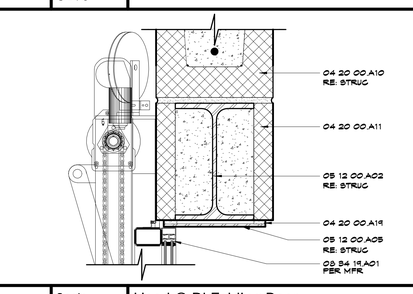
G12 Scale 1 1/2" = 1'-0" — Jamb Detail at Overhead Coiling Door



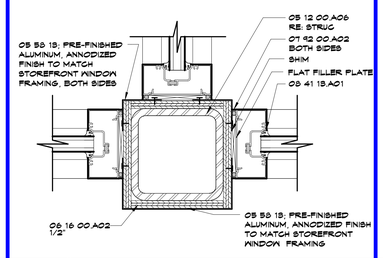
F15 Scale 1 1/2" = 1'-0" — Head Detail @ Storm Shelter



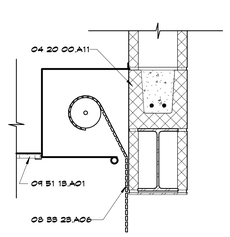
A1 Scale 3" = 1'-0" — Head @ Ceiling Detail - Operable Wall



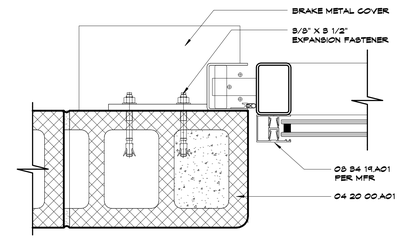
D5 Scale 3" = 1'-0" — Head @ Bi-Folding Door



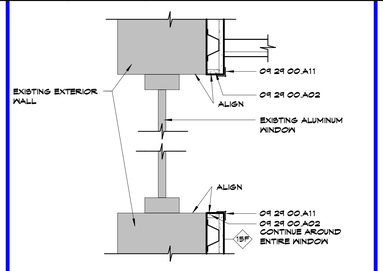
D9 Scale 3" = 1'-0" — Storefront Jamb @ B101 Reception



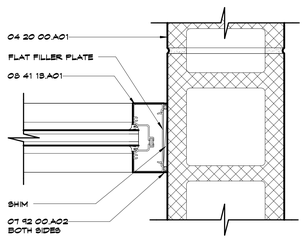
D12 Scale 1 1/2" = 1'-0" — Coiling Door Head



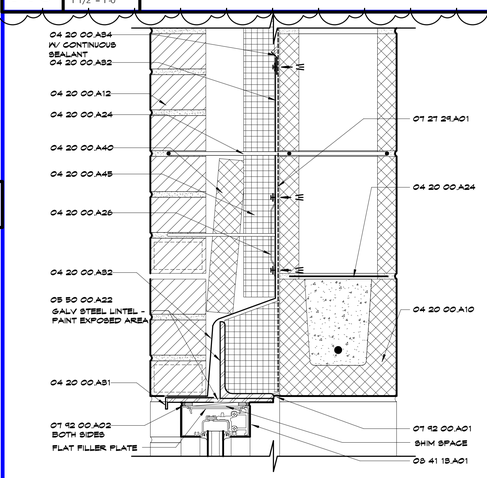
A5 Scale 3" = 1'-0" — Jamb @ Bi-Fold Door



A9 Scale 1 1/2" = 1'-0" — Furring Detail @ Existing Windows - C101 Ensemble



A12 Scale 3" = 1'-0" — Storefront Jamb Along CMU



A15 Scale 3" = 1'-0" — Storefront Head @ Brick & CMU w/CMU Lintel - (Openings Less Than 8'-0")

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#	Description	Date
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NUMBER A-2001016578
ARCHITECT
KIRK CHRISTIAN HORNER
A-2001016578

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CHECKED BY: GS/KO
DATE: 11.11.2015

A004

OF

DOOR AND WINDOW DETAILS

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SHEET KEYNOTE LEGEND

05 50 00 A06	METAL LADDER
10 21 23 A01	CUBICLE CURTAIN

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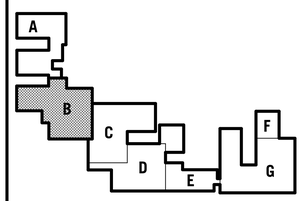
KEY PLAN



A102

_____ OF _____

FLOOR PLAN - AREA B

A1 | Scale 1/8" = 1'-0" | Area Floor Plan - Area B

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SHEET KEYNOTE LEGEND

05 50 00 A06 METAL LADDER

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ARCHITECT
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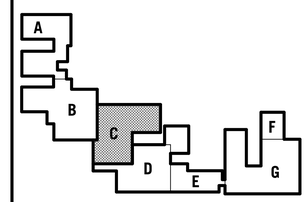
KEY PLAN



A103

OF

FLOOR PLAN - AREA C

A1 | Scale 1/8" = 1'-0" | Area Floor Plan - Area C

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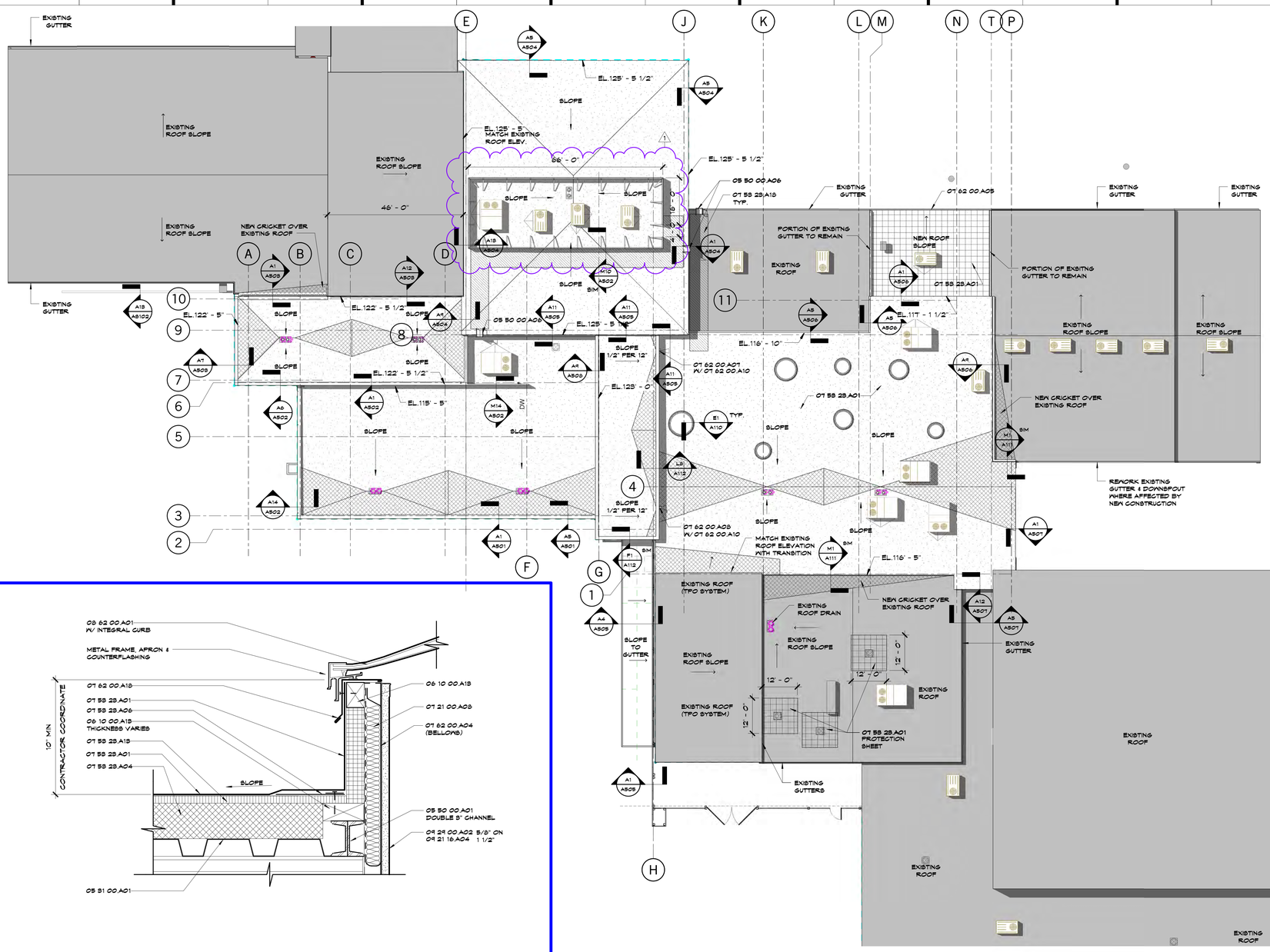


ROOF LEGEND

- EXISTING ROOF
- NEW ROOF
- AREA OF EXISTING ROOF TO BE REPLACED
- NEW TAPERED INSULATION/ CRICKET
- NEW EPDM WALKWAY (07 55 23A.A1B)

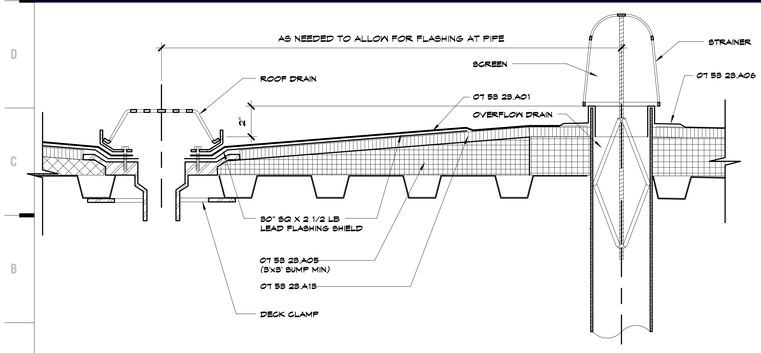
SHEET NOTES:
1. ALL ROOF SYSTEMS, EXISTING AND NEW, TO BE 07 55 23A.A01 UNLESS OTHERWISE NOTED.
2. SLOPE ALL NEW ROOFS 1/4" PER 12" MIN.
3. PROVIDE 60" WIDE EPDM ROOFING WALKWAY (07 55 23A.A1B) AT SERVICE PANEL SIDE OF ALL ROOF TOP UNITS FOR THE LENGTH OF UNIT.

SHEET KEYNOTE LEGEND

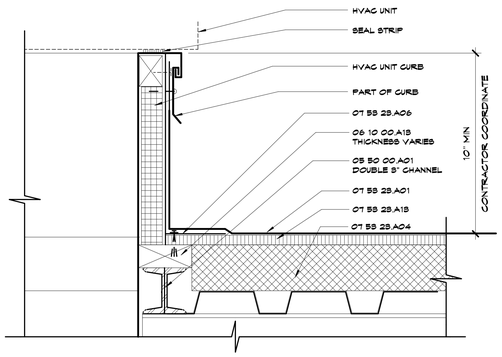
05 31 00.A01	ROOF DECK
05 50 00.A01	MISC STEEL FRAMING/SUPPORTS
05 50 00.A06	METAL LADDER
06 10 00.A1B	WOOD BLOCKING/NAILERS
07 21 00.A05	UNFACED GLASS FIBER BLANKET INSULATION
07 55 23.A01	ADHERED EPDM ROOFING SYSTEM
07 55 23.A04	ROOF INSULATION
07 55 23.A05	TAPERED INSULATION
07 55 23.A06	SHEET FLASHING
07 55 23.A1B	COVERBOARD
07 55 23.A1D	WALKWAYS
07 62 00.A04	FLEXIBLE MEMBRANE CLOSURE
07 62 00.A05	HANGING GUTTERS
07 62 00.A07	DOWNSPOUTS
07 62 00.A08	SCUPPERS
07 62 00.A10	SPLASH PANS
07 62 00.A1B	COUNTER FLASHING
07 72 00.A12	VENT STACK FLASHING
07 92 00.A01	SEALANT
08 62 00.A01	UNIT SKYLIGHTS
09 21 16.A04	Z-SHAPED FURRING
09 29 00.A02	GYPSUM BOARD - TYPE X

E1 Scale 3" = 1'-0" — Roof Detail @ Skylight Curb Flashing (TYP.)

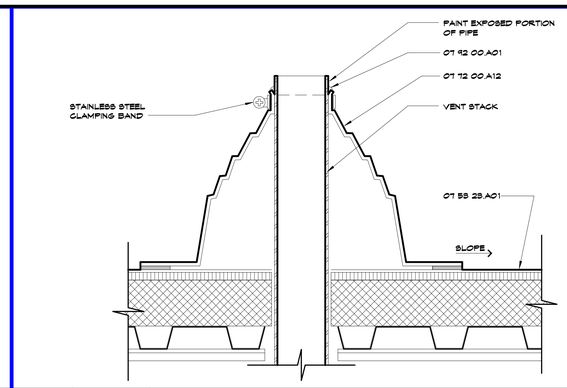
E7 Scale 1/16" = 1'-0" — Roof Plan



A1 Scale 3" = 1'-0" — Roof Detail @ Overflow Drain (TYP.)



A7 Scale 3" = 1'-0" — Roof Detail @ Premanufactured Curb (TYP.)



A12 Scale 3" = 1'-0" — Roof Detail @ Vent Stack Flashing (TYP.)

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Kirk Christian Horner
A-2001016578

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A110

OF

ROOF PLAN

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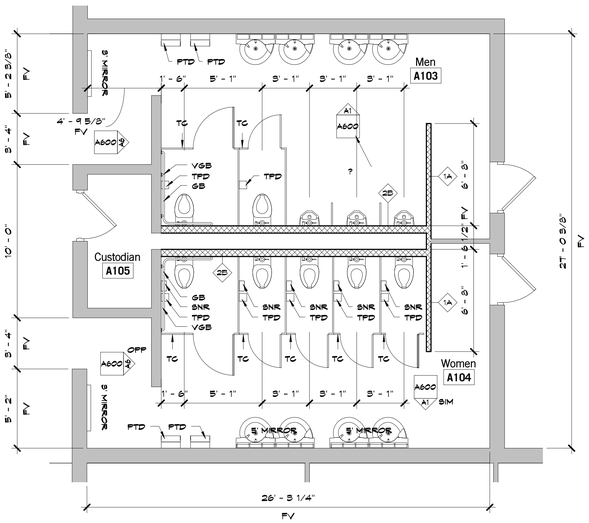
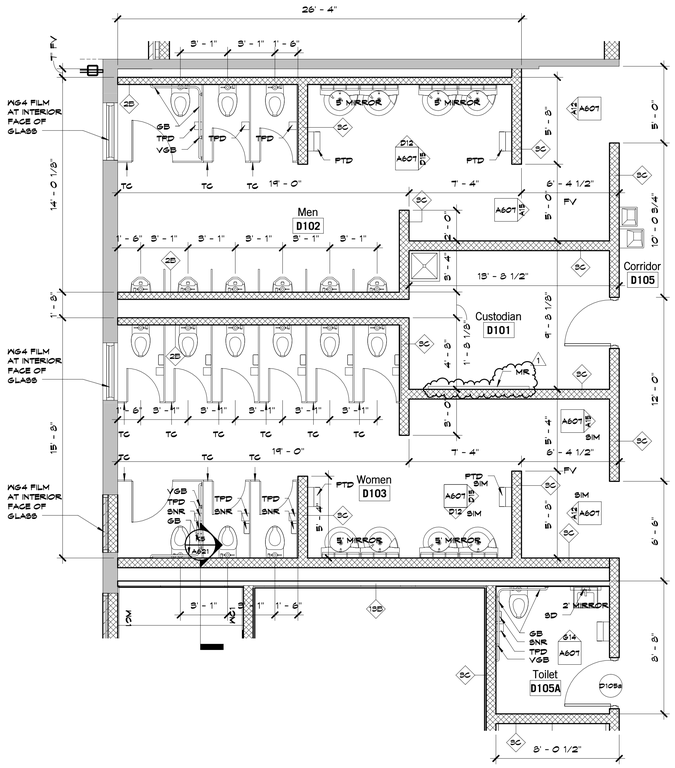
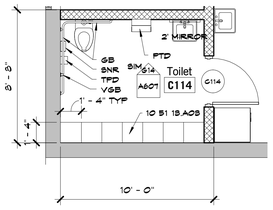


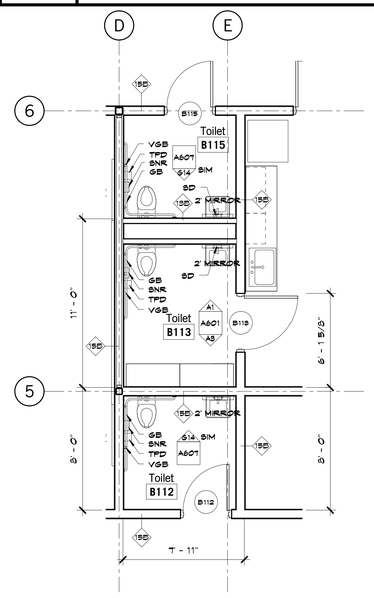
J1 Scale 1/4" = 1'-0" — Enlarged Plan - A103 Men & A104 Women - Alternate #8 (1)



A1 Scale 1/4" = 1'-0" — Enlarged Plan - D101 Men & D102 Women



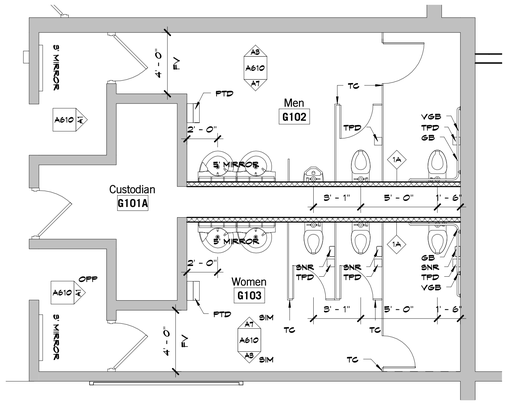
F7 Scale 1/4" = 1'-0" — Enlarged Pan - C114 Toilet (1)



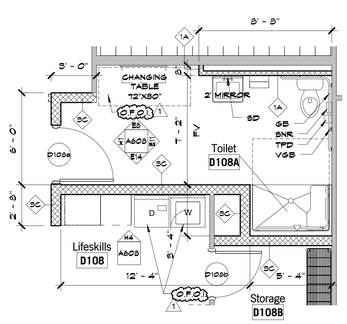
A7 Scale 1/4" = 1'-0" — Enlarged Plan - B112, B113 & B115 Toilets

ACCESSORY LEGEND			
ABBREV	ACCESSORY	KEYNOTE	MOUNTING HEIGHT
MI	FULL HEIGHT MIRROR, FRAMED (86" WIDE X 72" TALL)	10 29 00 A05 C.F.C.I.	1'-0" AFF TO BOTTOM OF REFLECTIVE SURFACE
TC	TOILET COMPARTMENTS	10 21 13.A01 C.F.C.I.	SEE SPECIFICATIONS
GB	GRAB BARS	10 28 00 C.F.C.I.	2'-10" AFF (42" SIDE/36" BACK)
VGB	VERTICAL GRAB BARS	10 28 00 C.F.C.I.	5'-4" AFF TO BOTTOM OF BAR, 5'-4" FROM WALL
TPD	TOILET PAPER DISPENSER	O.F.O.I.	1'-0" ABOVE GRAB BAR, 2'-0" FROM WALL
SD	SOAP DISPENSER	O.F.O.I.	DIRECTLY ABOVE SINK RIM
FTD (1)	PAPER TOWEL DISPENSER (OWNER INSTALLED)	O.F.O.I.	5'-4" AFF
SNR	SANITARY NAPKIN RECEPTACLE	O.F.O.I.	1'-1" AFF
MR	MOP RACK 4 SHELF	10 28 00 A23 C.F.O.I.	

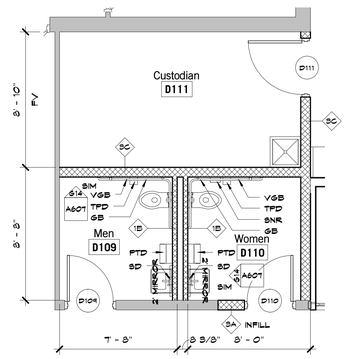
(1)



F11 Scale 1/4" = 1'-0" — Enlarged Plan - G102 Men & G103 Women - Alternate #8 (1)



A11 Scale 1/4" = 1'-0" — Enlarged Plan - D108 Toilet



A14 Scale 1/4" = 1'-0" — Enlarged Plan - D109 Men & D110 Women

SHEET KEYNOTE LEGEND

10 51 13.A05 KITCHEN LOCKERS

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BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.23.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — ARCHITECT
Nov 11, 2015
Kirk Christian Horner
A-2001016578

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A120

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ENLARGED PLANS - RESTROOMS

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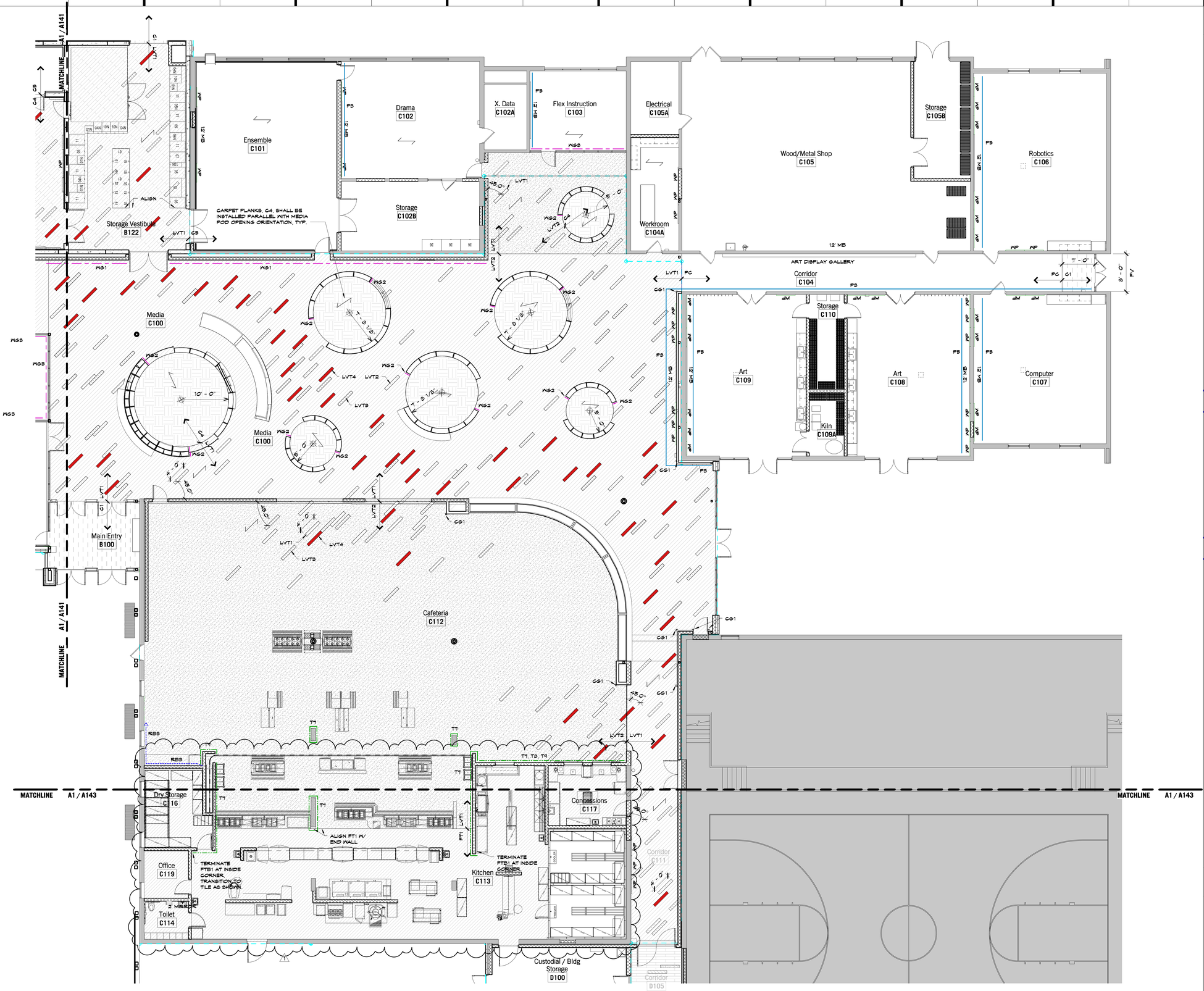


WALL FINISH LEGEND

- WALL GRAPHIC: WGX
- ACCENT PAINT: PX
- WALLCOVERING: WCX
- CERAMIC WALL TILE: TX
- WOOD BASE: WDB1
- RESILIENT BASE: RBX

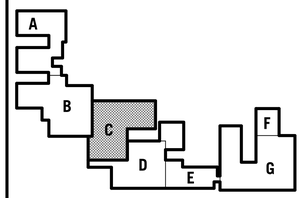
ALL WALL FINISHES ARE NOT GRAPHICALLY SHOWN, ONLY THOSE FOR CLARIFICATION. REFER TO SHEET A000 FOR ALL LOCATIONS.

FLOOR FINISH LEGEND

- CORNER GUARD, CG1
- GRAIN DIRECTION
- EXISTING
- WALK OFF CARPET TILE, C1
- CARPET TILE, C2
- KINETEX CARPET TILE, C3
- CARPET TILE, C4
- RESINOUS TOPPING, FT1
- LUXURY VINYL TILE, LVT1
- LVT2
- LVT3
- LVT4
- WOOD PLANK, WD1

ALL FLOOR FINISHES ARE NOT GRAPHICALLY SHOWN, ONLY THOSE FOR PATTERN AND TRANSITION CLARIFICATION. REFER TO SHEET A000 FOR ALL LOCATIONS.

KEY PLAN



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REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI · KIRK CHRISTIAN HORNER · NUMBER A-2001016578 · REGISTERED ARCHITECT
11.11.2015
Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

A142

OF

FINISH FLOOR PLAN - AREA C

A1 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area C

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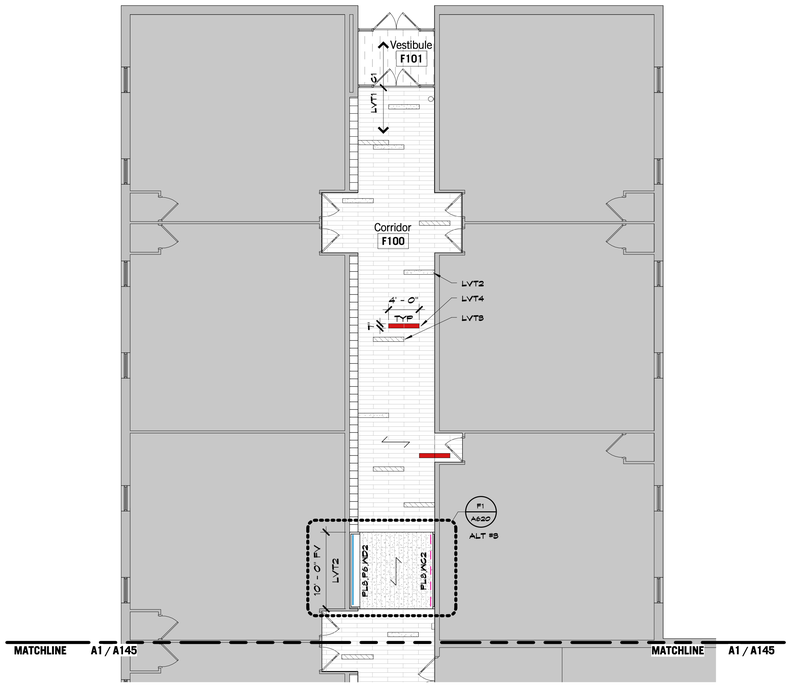
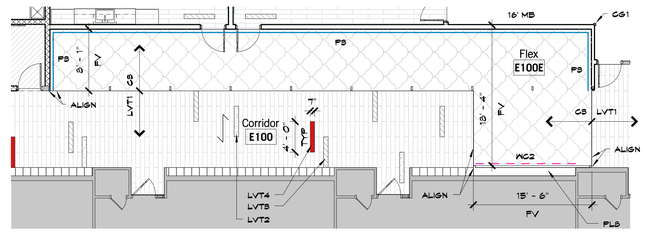
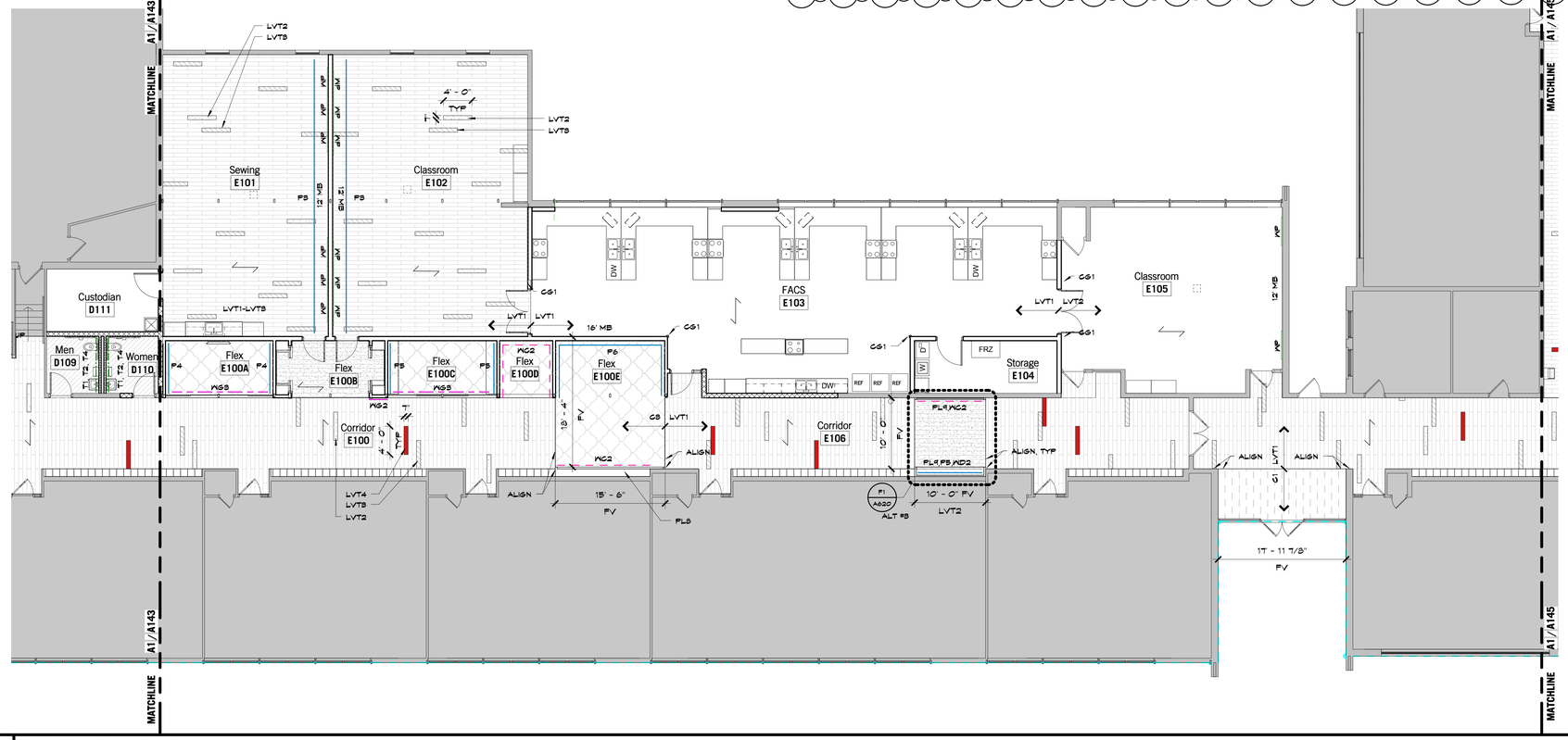


J1 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area F



J9 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area E - Base Bid



A1 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area E

WALL FINISH LEGEND

- WALL GRAPHIC: WGX
- ACCENT PAINT: PX
- WALLCOVERING: WCX
- CERAMIC WALL TILE: TX
- WOOD BASE: WDB1
- RESILIENT BASE: RBX

ALL WALL FINISHES ARE NOT GRAPHICALLY SHOWN, ONLY THOSE FOR CLARIFICATION. REFER TO SHEET A000 FOR ALL LOCATIONS.

FLOOR FINISH LEGEND

- CORNER GUARD, CG1
- GRAIN DIRECTION
- EXISTING
- WALK OFF CARPET TILE, C1
- CARPET TILE, C2
- KINETEX CARPET TILE, C3
- CARPET TILE, C4
- RESINOUS TOPPING, FT1
- LUXURY VINYL TILE, LVT1
- LVT2
- LVT3
- LVT4
- WOOD PLANK, WD1

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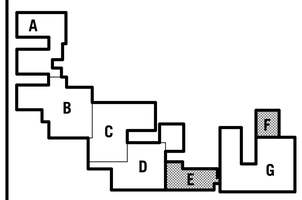
KEY PLAN



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STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER
A-2001016578
ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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A144

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FINISH FLOOR PLAN - AREA E & F

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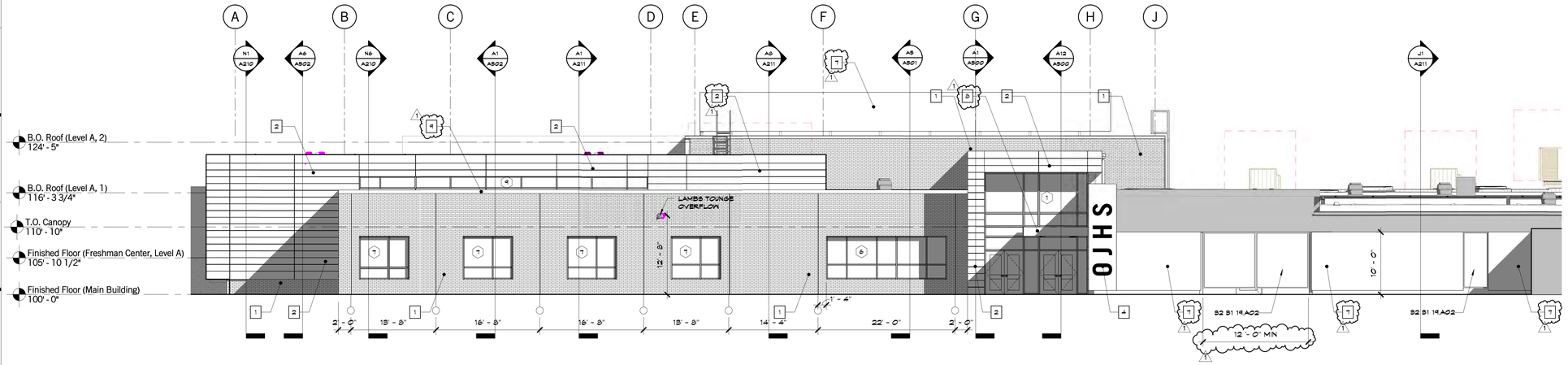
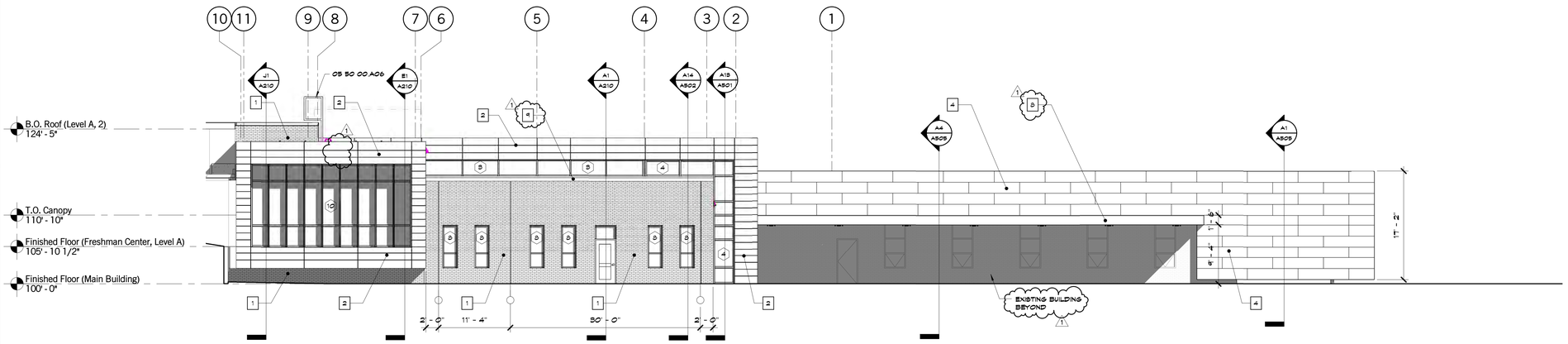
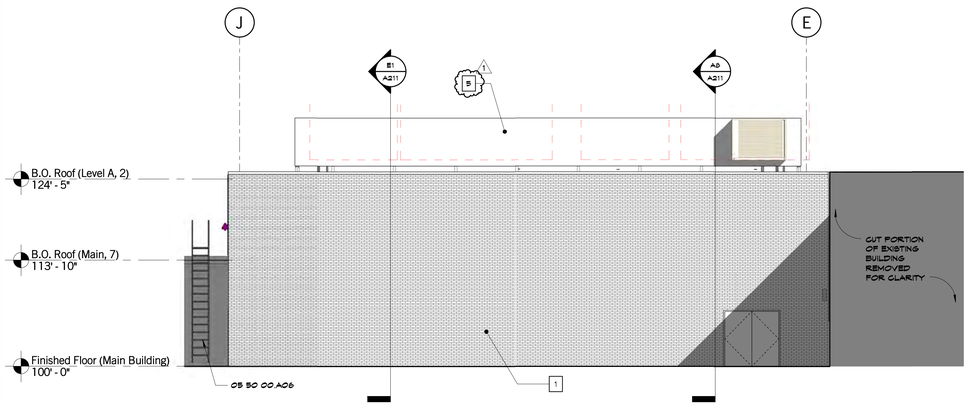


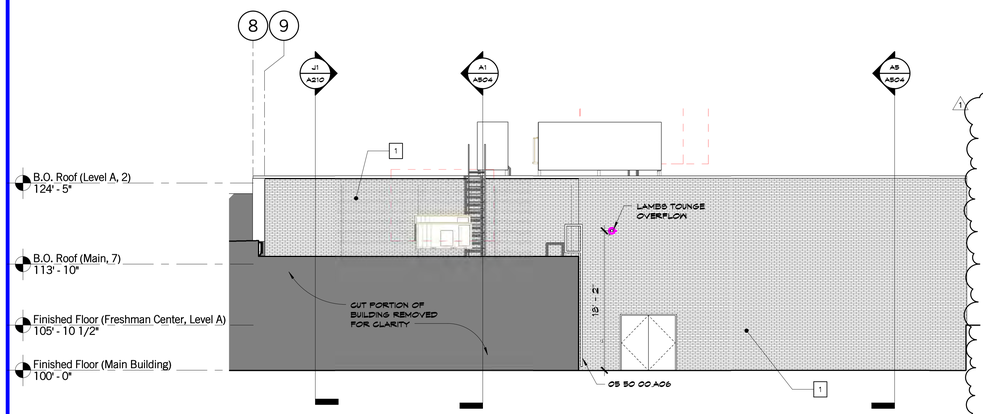
L1 | Scale 1/8" = 1'-0" | Exterior Bldg Elevation - S



F1 | Scale 1/8" = 1'-0" | Exterior BIdg Elevation - W



A1 | Scale 1/8" = 1'-0" | Exterior Building Elevation - Music - N



A9 | Scale 1/8" = 1'-0" | Exterior Building Elevation - Music - E

SHEET KEYNOTE LEGEND

05 50 00 AD6 METAL LADDER
32 31 19 AD2 SWING GATES

GENERAL NOTES

1. ALL BRICK TO MATCH EXISTING. CONTRACTOR TO SUBMIT SAMPLES FOR ARCHITECT APPROVAL. REFERENCE PROJECT SPECIFICATIONS FOR MASONRY CONTROL JOINT PLACEMENT UNLESS DIMENSIONED ON THE ELEVATIONS

EXTERIOR MATERIAL LEGEND

1 04 20 00 A12 - MODULAR BRICK TYPE 1 (FIELD)
BASIS-OF-DESIGN: KANSAS BRICK & TILE, CO.
COLOR: 550 DARK MODULAR

2 07 42 13 AD3 - ALUMINUM WALL PANEL
BASIS-OF-DESIGN: ERI-DESIGN WALL PANEL SYSTEM
COLOR: 1760 LIMESTONE
ALL ENTRUSIONS, FLASHINGS, & COPINGS SHALL MATCH 1760 LIMESTONE

3 07 42 13 AD3 - PRE-FINISHED METAL PANEL WALL PANEL
BASIS-OF-DESIGN: BERRIDGE L-PANEL
COLOR: SHASTA WHITE

4 05 50 00 AD6 - CUSTOM PERFORATED STAINLESS STEEL WALL PANEL FACE FASTENED FLAT PANELS WITH CUSTOM IMAGE PATTERN
COLOR: STAINLESS STEEL

5 05 50 00 AD6 - PERFORATED STAINLESS STEEL WALL PANEL FACE FASTENED FLAT PANELS WITH MANUFACTURER'S STANDARD PERF PATTERN
COLOR: STAINLESS STEEL

6 07 42 63 - (PWP) SOLID PHENOLIC ENT WALL PANEL SYSTEM
BASIS-OF-DESIGN: TRESPA METEON, COLOR: ITALIAN WALNUT
ALTERNATE MANUF: FUNDERMAX, COLOR: HOLZ-DECORE WOOD GRAIN 1260

7 07 42 13 A01 - PERFORATED WALL PANEL
BASIS OF DESIGN: ECOSCREEN PERFORATED SCREENWALL
COLOR: STAINLESS STEEL

8 07 62 00 A12 - FASCIA CAP
COLOR: TO MATCH 1760 LIMESTONE BY CENTRIA

9 07 62 00 A13 - PRE-FINISHED METAL COPING
COLOR: TO MATCH 1760 LIMESTONE BY CENTRIA

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STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER
A-2001016578
ARCHITECT
Kirk Christian Horner
A-2001016578

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A200
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EXTERIOR BUILDING ELEVATIONS

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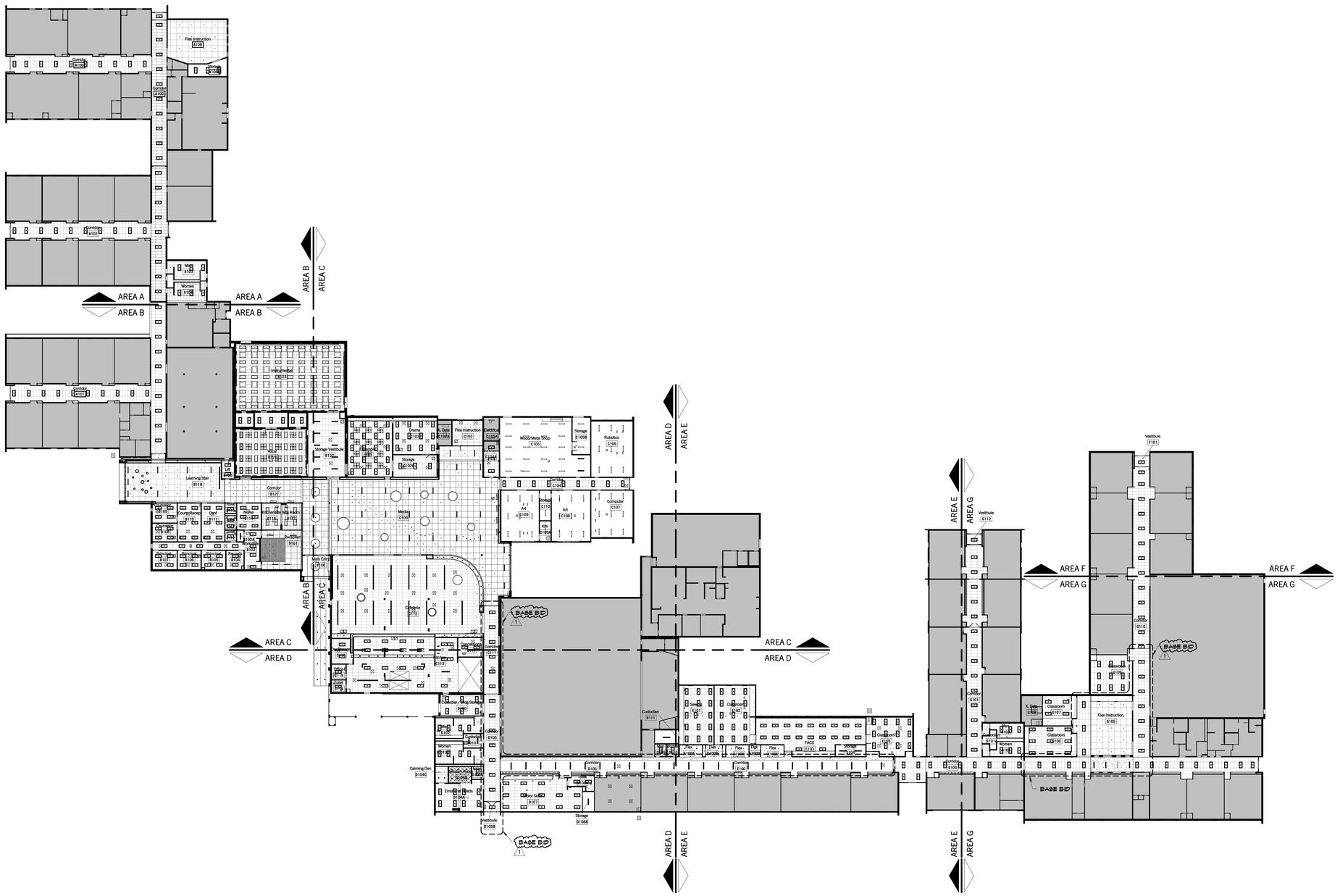

AREA A
AREA B
AREA C
AREA D
AREA E
AREA F
AREA G
BASE BID
Flex Instruction A105
Corridor A101
Corridor A102
Corridor A103
Corridor A104
Men A107
Women A108
Corridor A109
Corridor A110
Corridor A111
Corridor A112
Corridor A113
Corridor A114
Corridor A115
Corridor A116
Corridor A117
Corridor A118
Corridor A119
Corridor A120
Corridor A121
Corridor A122
Storage Vestibule B122
Learning Stair B110
Corridor B127
Men B107
Women B108
Custodian B111
Corridor B106
Corridor B105
Men B102
Women B103
Calming Den B104
Emotional Needs B109
Vestibule B105B
Storage B108B
Corridor B101
Corridor B100
Corridor B112
Corridor B113
Corridor B114
Corridor B115
Corridor B116
Corridor B117
Corridor B118
Corridor B119
Corridor B120
Corridor B121
Corridor B122
Corridor B123
Corridor B124
Corridor B125
Corridor B126
Corridor B127
Corridor B128
Corridor B129
Corridor B130
Corridor B131
Corridor

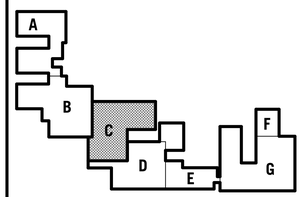
SHEET KEYNOTE LEGEND

09 54 56.A02 SOUND-DIFFUSING CEILING PANELS

RCP LEGEND

- 2' x 4' ACOUSTICAL LAY-IN CEILING TILE & GRID ACT1, ACT3, ACT6
- 4' x 4' ACOUSTICAL LAY-IN CEILING TILE & GRID ACT2
- 2' x 2' FIBER OPTIC PANEL ACT7
- ACOUSTICAL DIFFUSER CEILING TILE ACT4, ACT5
- GYP BD
- METAL PANEL/SOFFIT
- 2' x 4' LIGHT FIXTURE
- 1' x 4' LIGHT FIXTURE
- CAN LIGHT FIXTURE SIZE VARIES
- CEILING MOUNTED EXIT LIGHT
- CJ CONTROL JOINT
- RETURN DUCT
- SUPPLY DUCT

KEY PLAN



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NOV 11 2015
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DATE: 11.11.2015

A403

OF

A1 | Scale 1/8" = 1'-0" | Reflected Ceiling Plan - Area C

REFLECTED CEILING PLAN - AREA C

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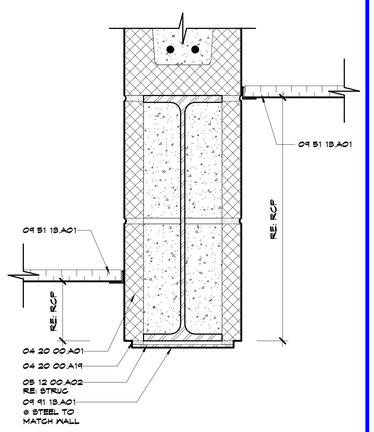
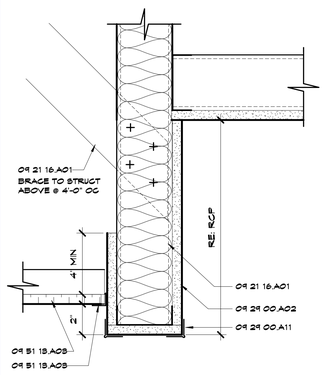
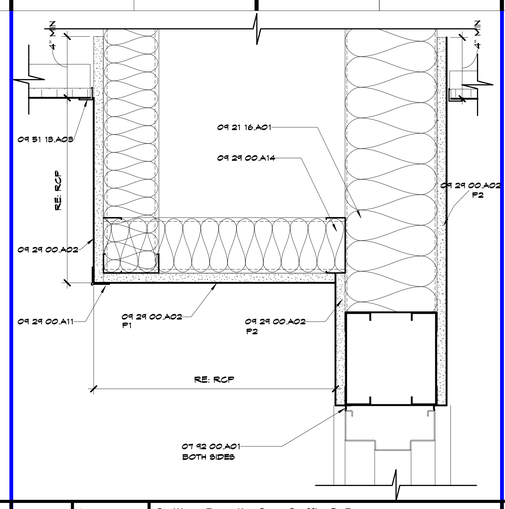


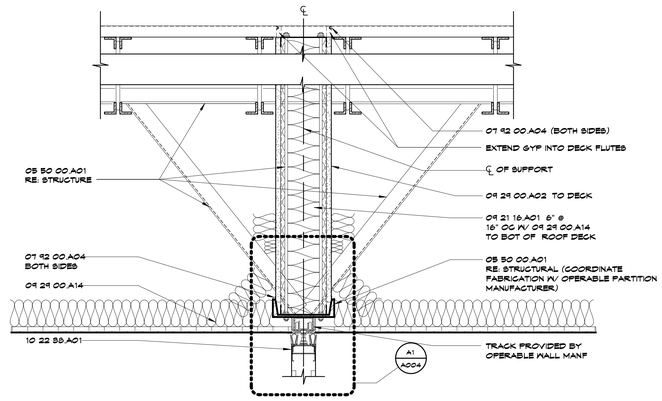
M1 | Scale 3" = 1'-0" | Ceiling Detail - CMU Header



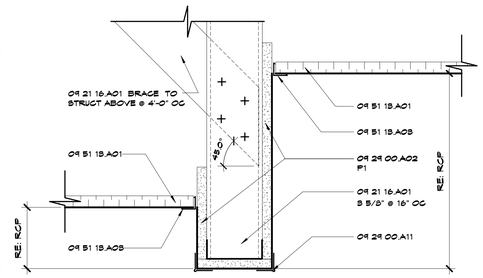
M4 | Scale 3" = 1'-0" | Ceiling Detail - G109 Corridor



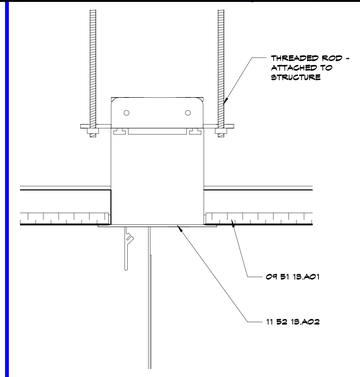
M7 | Scale 3" = 1'-0" | Ceiling Detail - Gyp Soffit @ Door



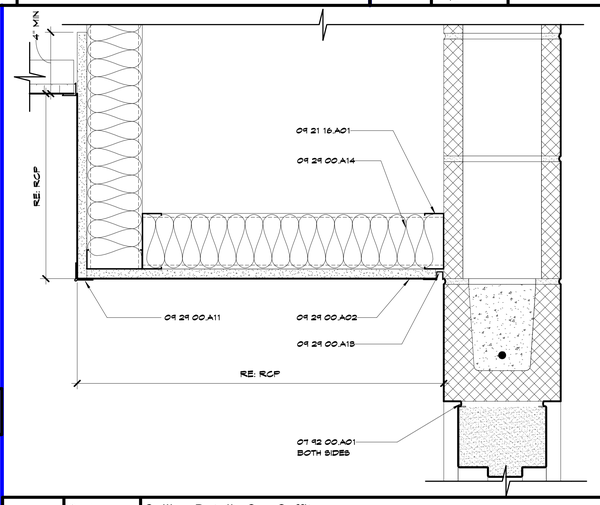
M11 | Scale 1 1/2" = 1'-0" | Ceiling Detail @ Operable Partition



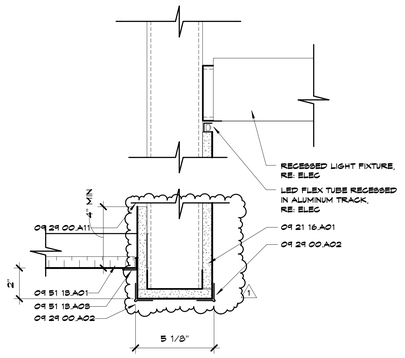
H1 | Scale 3" = 1'-0" | Ceiling Detail @ Different Height Ceilings



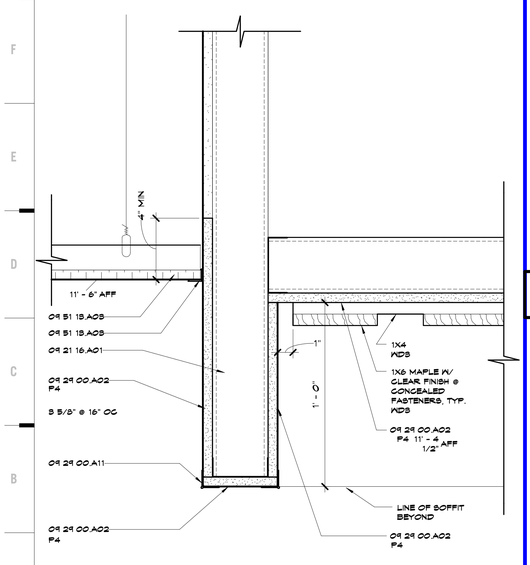
H5 | Scale 3" = 1'-0" | DETAIL @ PROJECTION SCREEN



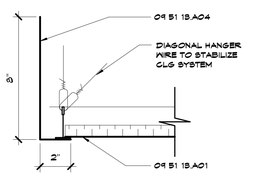
G8 | Scale 3" = 1'-0" | Ceiling Detail - Gyp Soffit



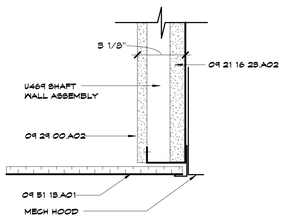
G13 | Scale 3" = 1'-0" | Ceiling Detail - C112 Cafeteria Recessed Lighting-Typ



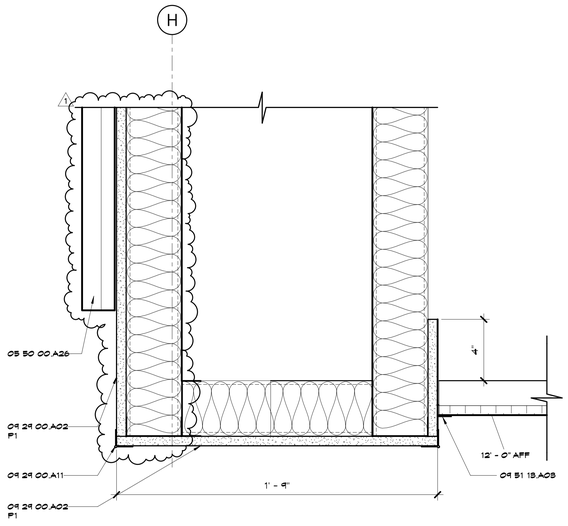
A1 | Scale 3" = 1'-0" | Ceiling Detail - Soffit @ B101 Reception



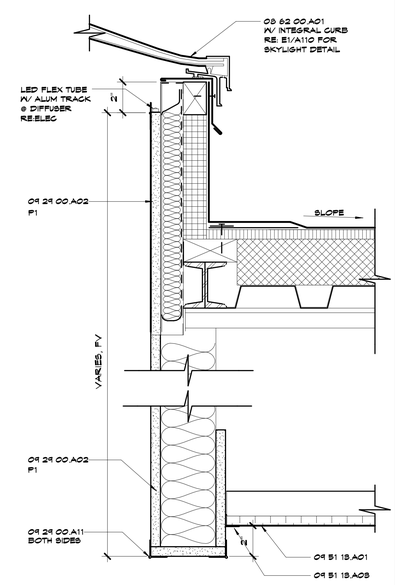
D5 | Scale 3" = 1'-0" | Ceiling Detail @ Clerestory



A5 | Scale 3" = 1'-0" | Ceiling Detail - Rated Shaftwall or Hood



A8 | Scale 3" = 1'-0" | Ceiling Detail - Media Center Header



A13 | Scale 3" = 1'-0" | Ceiling Detail - Skylights - Typ

SHEET KEYNOTE LEGEND

04 20 00.A01	CONCRETE MASONRY UNITS
04 20 00.A19	MORTAR
05 12 00.A02	W SHAPE
05 50 00.A01	MISC STEEL FRAMING/SUPPORTS
05 50 00.A26	ARCHITECTURAL EXPOSED METAL FABRICATIONS
07 92 00.A01	SEALANT
07 92 00.A04	ACOUSTICAL SEALANT
08 62 00.A01	UNIT SKYLIGHTS
09 21 16 23.A02	
09 21 16.A01	NON-STRUCTURAL FRAMING
09 29 00.A02	GYPSUM BOARD - TYPE X
09 29 00.A11	GYPSUM BOARD TRIM
09 29 00.A13	REVEAL TRIM
09 29 00.A14	SOUND ATTENUATION BLANKETS
09 51 1B.A01	ACOUSTICAL CEILING PANELS
09 51 1B.A03	EDGE MOLDINGS AND TRIM
09 51 1B.A04	DECORATIVE EDGE TRIM
09 91 1B.A01	PAINT - FLAT
10 22 39.A01	OPERABLE ACOUSTICAL PARTITION
11 52 1B.A02	ELECTRICALLY-OPERATED PROJECT SCREENS

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BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
11-11-2015
Kirk Christian Horner
A-2001016578

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A407

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REFLECTED CEILING PLAN DETAILS

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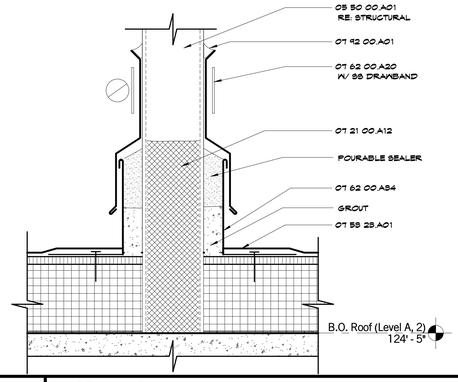
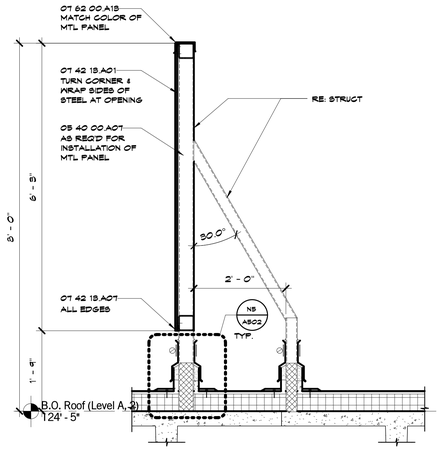
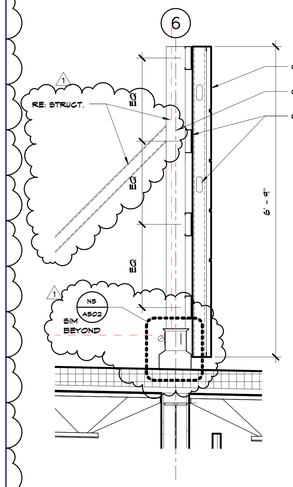


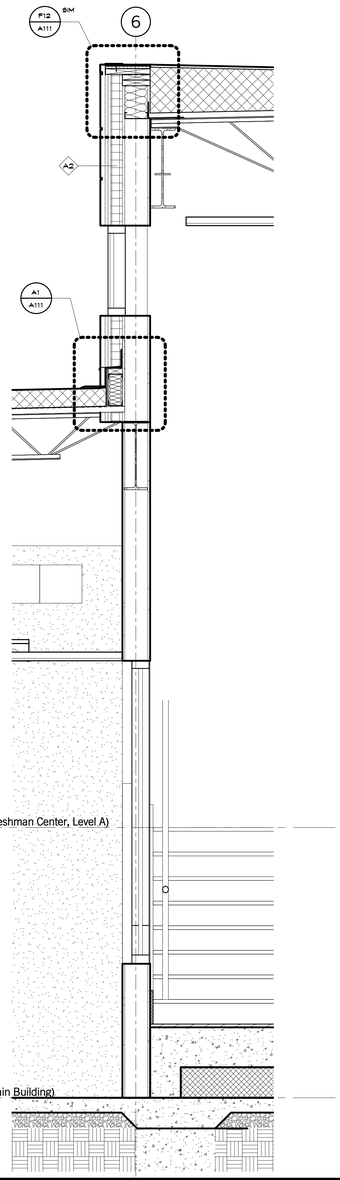
N5 Scale 3" = 1'-0" — Roof Screen Base



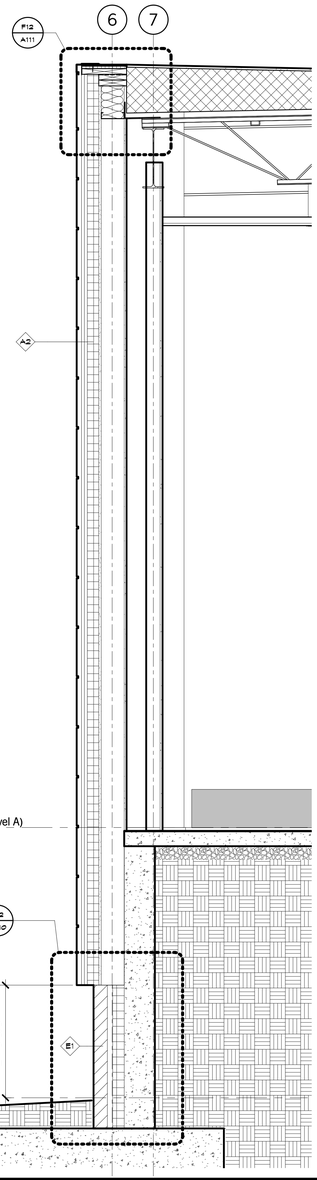
M10 Scale 3/4" = 1'-0" — Section @ Roof Screen



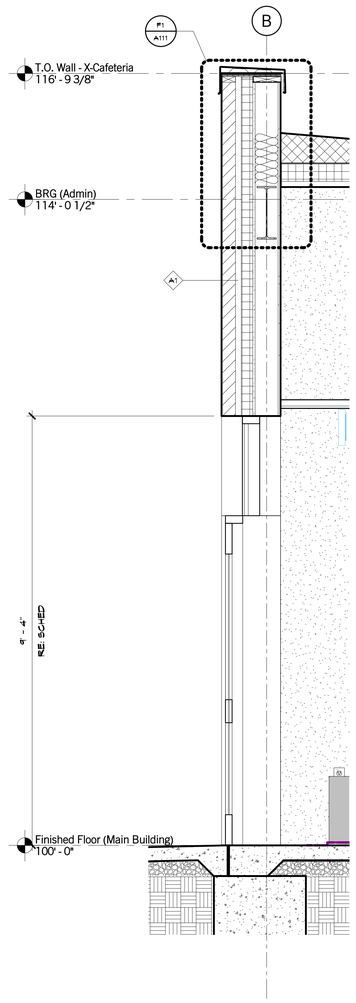
M14 Scale 3/4" = 1'-0" — Roof top Unit Screen



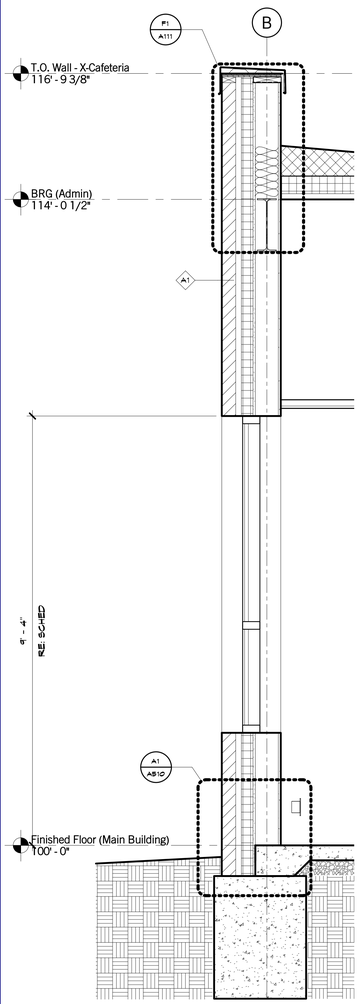
A1 Scale 3/4" = 1'-0" — Counseling Reception - North Wall



A6 Scale 3/4" = 1'-0" — Learning Stair - South Wall



A11 Scale 3/4" = 1'-0" — Administration - West Wall @ Door



A14 Scale 3/4" = 1'-0" — Administration - West Wall @ Wdw

SHEET KEYNOTE LEGEND

05 12 00.A06	COLD-FORMED HSS
05 40 00.A01	COLD-FORMED METAL FRAMING
05 40 00.A07	MISCELLANEOUS FRAMING/FURRING
05 50 00.A01	MISC STEEL FRAMING/SUPPORTS
07 21 00.A12	SPRAY-IN FOAM INSULATION
07 42 18.A01	EXPOSED FASTENER METAL WALL PANELS
07 42 18.A03	CONCEALED FASTENER METAL WALL PANELS
07 42 18.A07	FLASHING AND TRIM
07 55 23.A01	ADHERED EPDM ROOFING SYSTEM
07 62 00.A18	COPING
07 62 00.A20	ROOF PENETRATION FLASHING
07 62 00.A54	FOURABLE SEALER POCKET
07 92 00.A01	SEALANT

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Ozark R-VI School District

1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
REGISTERED ARCHITECT
11-25-2015

Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

A502

OF

WALL SECTIONS

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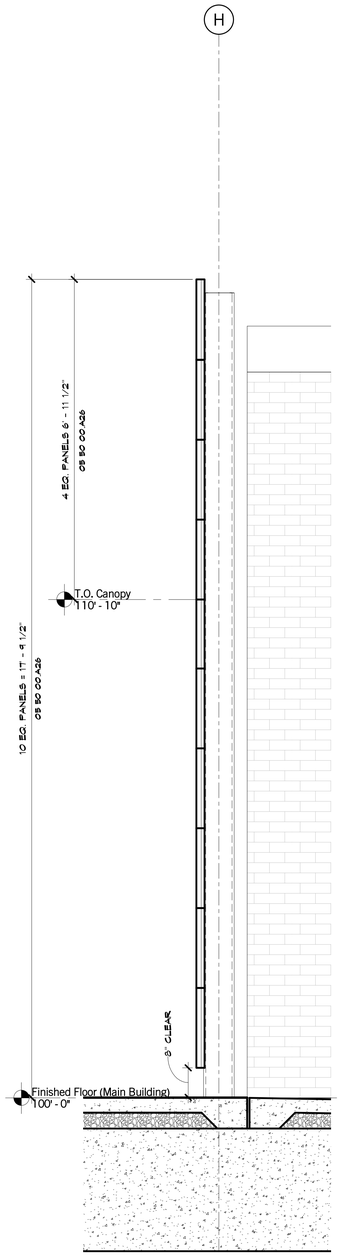
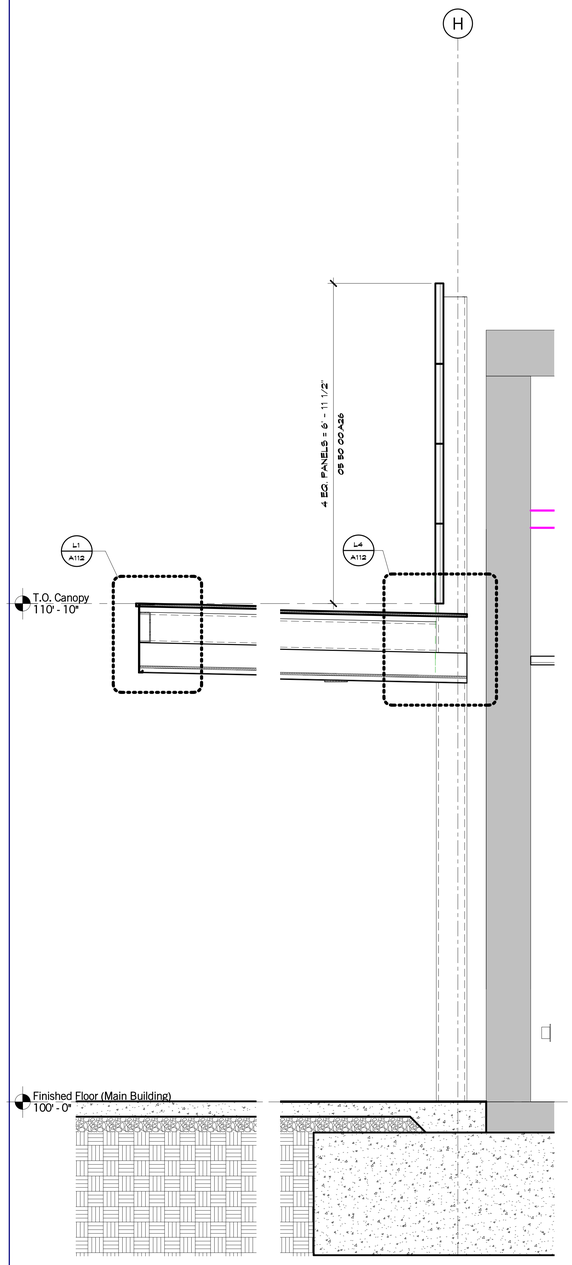
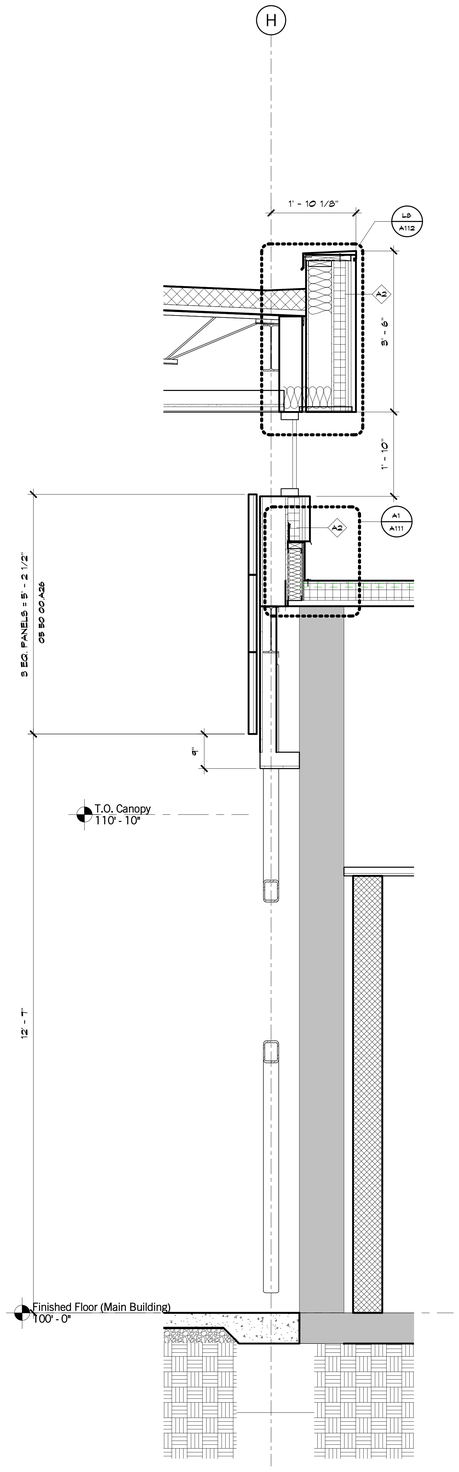


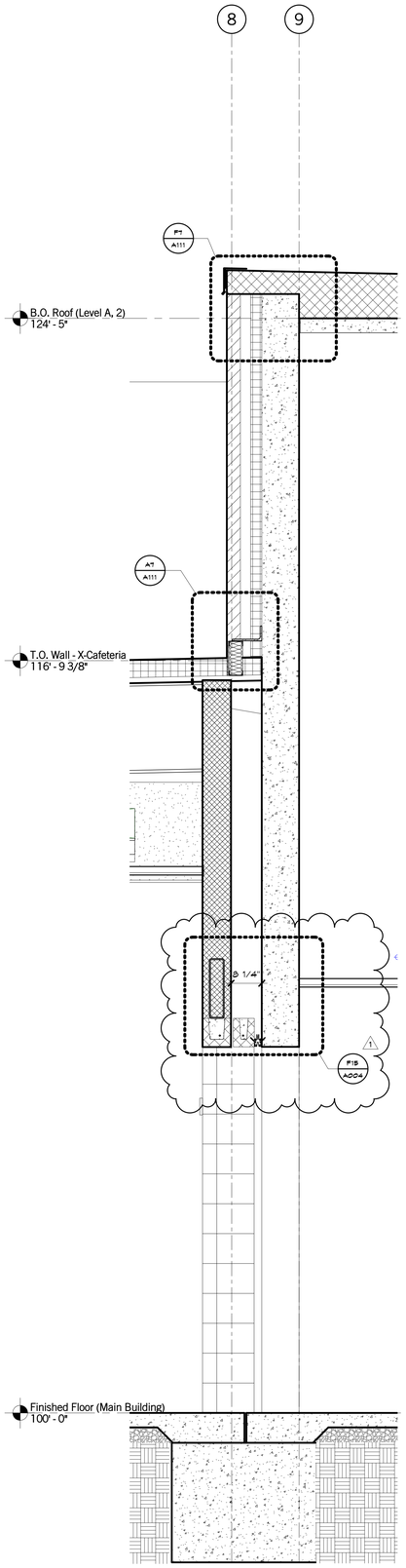
A1 | Scale 3/4" = 1'-0" | Entry Screen Wall



A4 | Scale 3/4" = 1'-0" | Canopy



A9 | Scale 3/4" = 1'-0" | Cafeteria - West Wall



A11 | Scale 3/4" = 1'-0" | Storm Shelter - South Wall A

SHEET KEYNOTE LEGEND

05 50 00 A26 ARCHITECTURAL EXPOSED METAL FABRICATIONS

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Ozark R-VI School District
1109 West Jackson
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Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NOTARY PUBLIC
NUMBER
A-2001016578
ARCHITECT

Kirk Christian Horner
A-2001016578

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A505

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WALL SECTION

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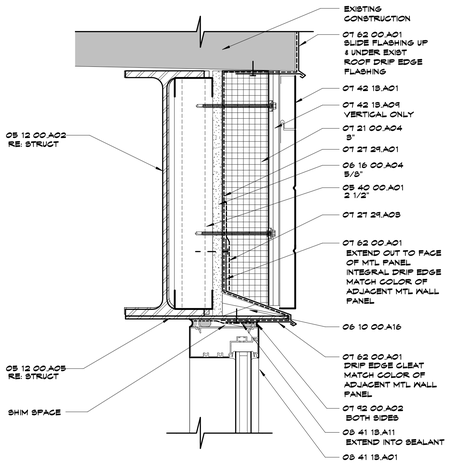
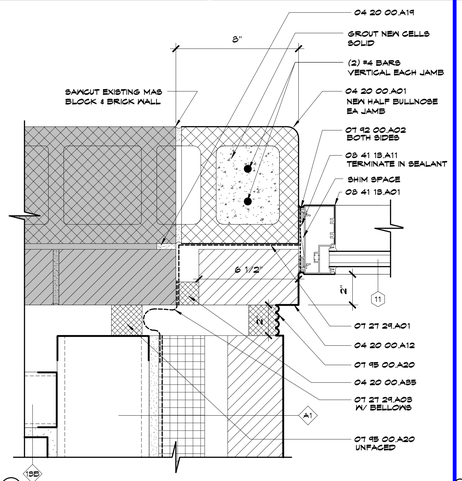
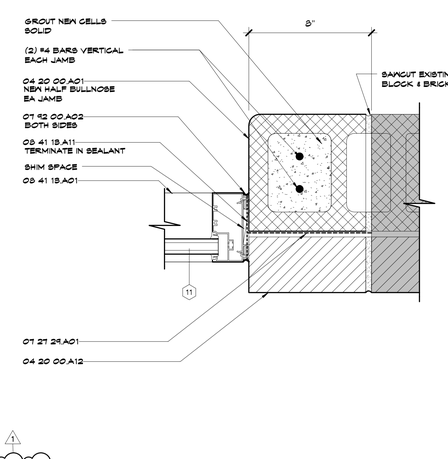


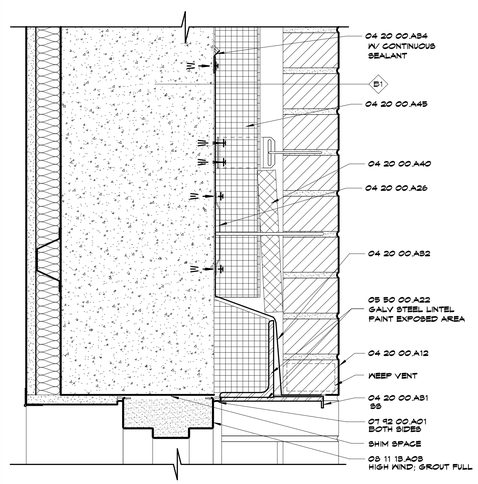
M1 | Scale 3" = 1'-0" | Storefront Head @ Existing Brick & CMU



M5 | Scale 3" = 1'-0" | Storefront Jamb @ Existing Brick



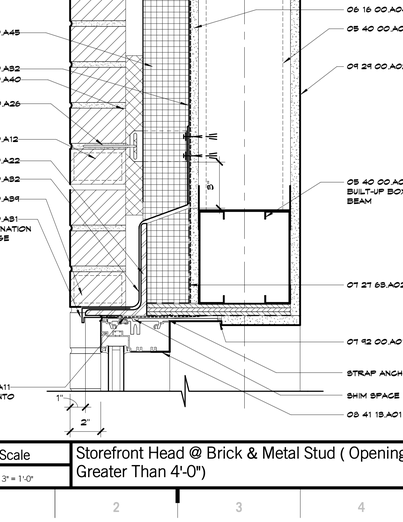
M9 | Scale 3" = 1'-0" | Storefront Jamb Along Existing Brick



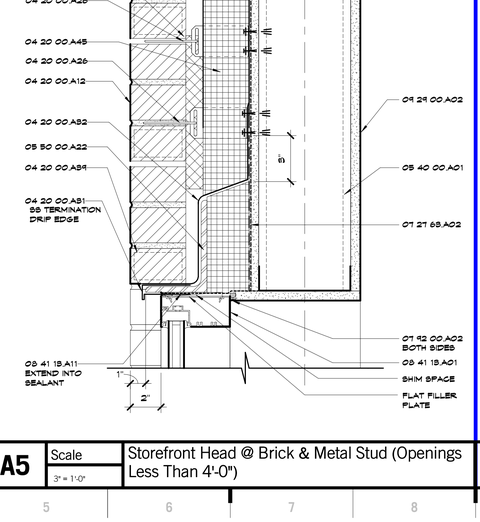
M13 | Scale 3" = 1'-0" | Exterior HM Head @ High Wind Shelter

SHEET KEYNOTE LEGEND

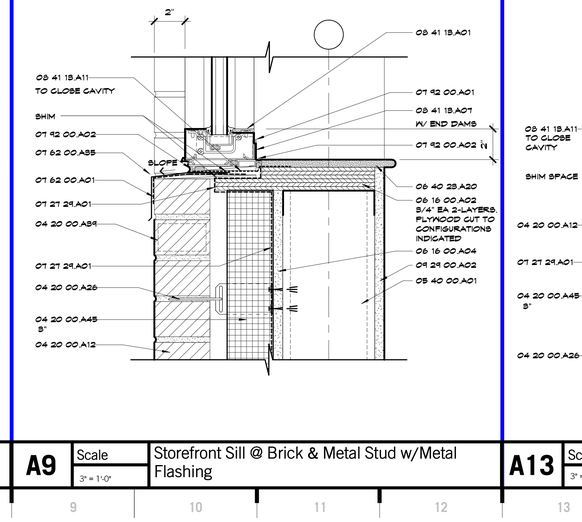
04 20 00 AD1	CONCRETE MASONRY UNITS
04 20 00 A12	FACE BRICK
04 20 00 A14	MORTAR
04 20 00 A23	REINFORCING BARS
04 20 00 A26	ADJUSTABLE MASONRY VENEER ANCHORS
04 20 00 AB1	METAL DRIP EDGES
04 20 00 AB2	EMBEDDED FLEXIBLE FLASHING
04 20 00 AB4	FLASHING TERMINATION BARS
04 20 00 AB5	COMPRESSIBLE FILLERS
04 20 00 AB6	WEEP HOLE/VENT
04 20 00 A40	CAVITY DRAINAGE MATERIAL
04 20 00 A45	CAVITY WALL INSULATION
05 12 00 AD2	W SHAPE
05 12 00 AD5	PLATE
05 40 00 AD1	COLD-FORMED METAL FRAMING
05 50 00 A22	LOOSE STEEL LINTEL
06 10 00 A16	FIRE-RETARDANT TREATED WOOD BLOCKING & NAILERS
06 16 00 AD2	FIRE-RETARDANT TREATED PLYWOOD
06 16 00 AD4	GLASS-MAT GYPSUM WALL SHEATHING
06 40 28 A20	SOLID SURFACE SILLS
07 21 00 AD4	POLYISOCYANURATE INSULATION
07 21 00 A17	MINERAL WOOL
07 27 29 AD1	VAPOR RETARDING AIR BARRIER COATING
07 27 29 AD3	TRANSITION (DETAIL) MEMBRANE
07 27 69 AD2	TRANSITION MEMBRANE
07 42 13 AD1	EXPOSED FASTENER METAL WALL PANELS
07 42 13 AD9	RAINSCREEN FURRING SYSTEM
07 42 63 AD1	PHENOLIC PANEL CLADDING SYSTEM
07 42 63 AD6	METAL SUBFRAMING
07 62 00 AD1	UNDERLAYMENT
07 62 00 AB5	PRE-FINISHED MISC METAL FLASHING
07 92 00 AD1	SEALANT
07 92 00 AD2	SEALANT W/BACKER ROD
07 65 00 A20	EXTERIOR PRE-FORMED CELLULAR FOAM
08 11 13 AD3	HOLLOW METAL FRAME
08 41 13 AD1	STOREFRONT FRAMING (THERMAL BROKEN)
08 41 13 AD7	ALUMINUM SUBSILL
08 41 13 A11	JAMB CLOSURE MEMBRANE
08 44 13 AD3	JAMB CLOSURE MEMBRANE
04 29 00 AD2	GYPSUM BOARD - TYPE X
09 29 00 A11	GYPSUM BOARD TRIM



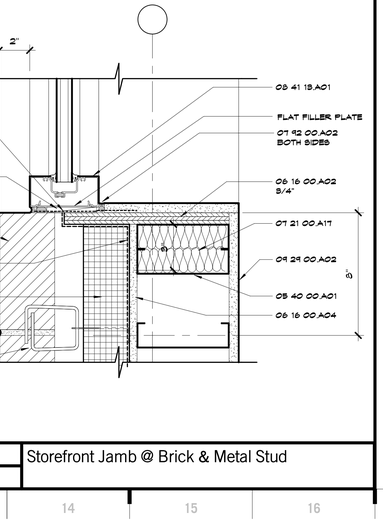
G1 | Scale 3" = 1'-0" | Curtain Wall w/ Fin Attachment Jamb @ Metal Panel



G5 | Scale 3" = 1'-0" | Storefront Head @ Metal Panel w/ Tapered Mullions



G9 | Scale 3" = 1'-0" | Storefront Jamb @ Brick & CMU



G13 | Scale 3" = 1'-0" | Exterior HM Jamb @ High Wind Shelter

A1 | Scale 3" = 1'-0" | Storefront Head @ Brick & Metal Stud (Openings Greater Than 4'-0")

A5 | Scale 3" = 1'-0" | Storefront Head @ Brick & Metal Stud (Openings Less Than 4'-0")

A9 | Scale 3" = 1'-0" | Storefront Sill @ Brick & Metal Stud w/Metal Flashing

A13 | Scale 3" = 1'-0" | Storefront Jamb @ Brick & Metal Stud

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Structure # 2006021331

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Joplin, MO 64801
417.782.7399 phone
417.782.7398 fax

Smith & Boucher Engineers
Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority # EGC-000178
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

BID DOCUMENTS

Ozark Junior High Additions & Renovations

Ozark R-VI School District

1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — REGISTERED NUMBER A-2001016578 — ARCHITECT

Kirk Christian Horner
A-2001016578

The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any professional responsibility for such plans, drawings, or documents not exhibiting this seal.

JOB NO: 15029
DRAWN BY: PK
CHECKED BY: GS/KO
DATE: 11.11.2015

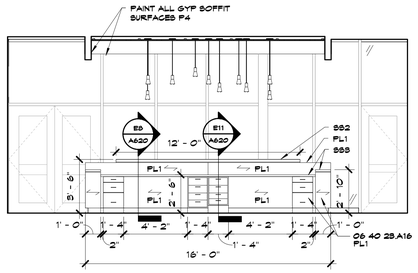
A521

OF

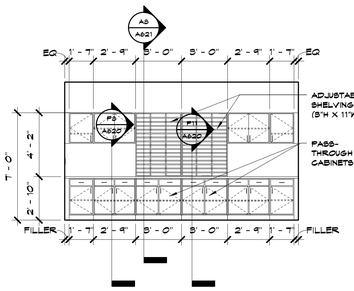
DOOR AND WINDOW DETAILS

11/24/2015 2:27:21 PM

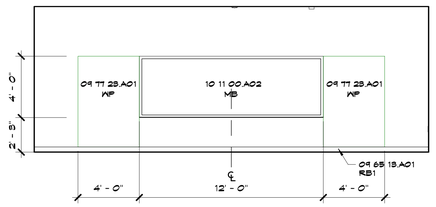
Please consider the environment before printing this.



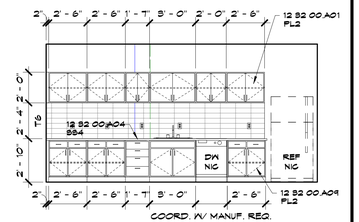
N1 Scale 1/4" = 1'-0" — Reception Desk Section 2



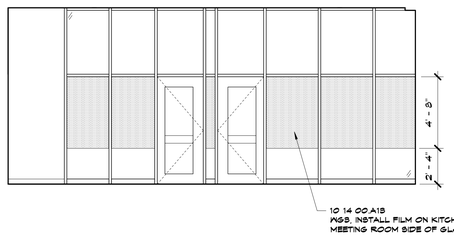
N6 Scale 1/4" = 1'-0" — Open Workroom - B102 - East



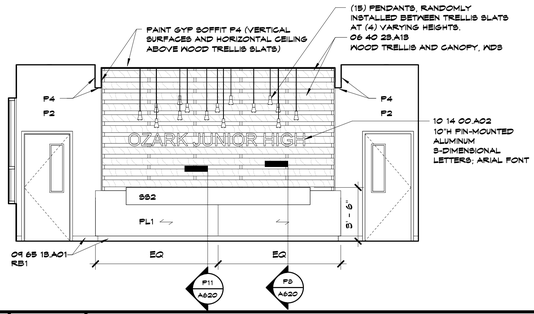
N10 Scale 1/4" = 1'-0" — Conference/Flex - B111 - East



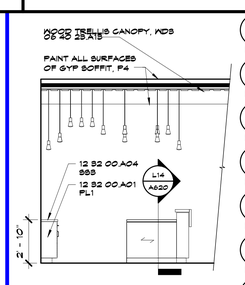
N14 Scale 1/4" = 1'-0" — Kitchenette - B116 - West



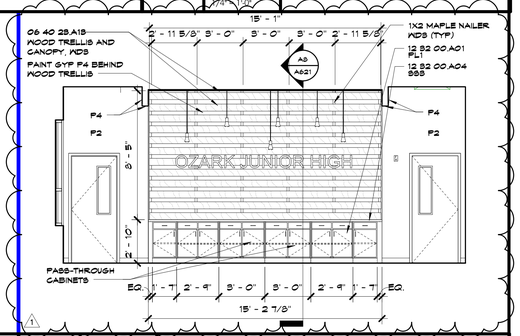
K1 Scale 1/4" = 1'-0" — Reception - B101 - North



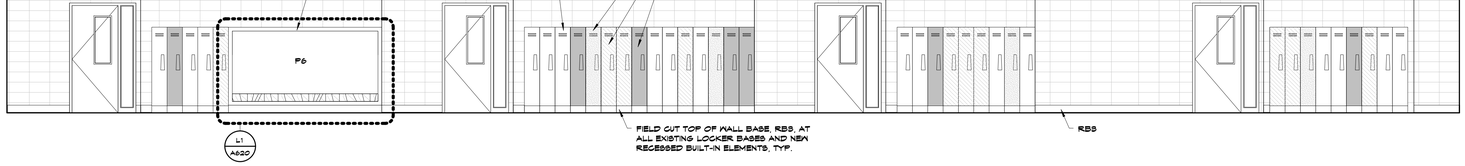
K6 Scale 1/4" = 1'-0" — Reception B101 - West / Reception Desk - Front



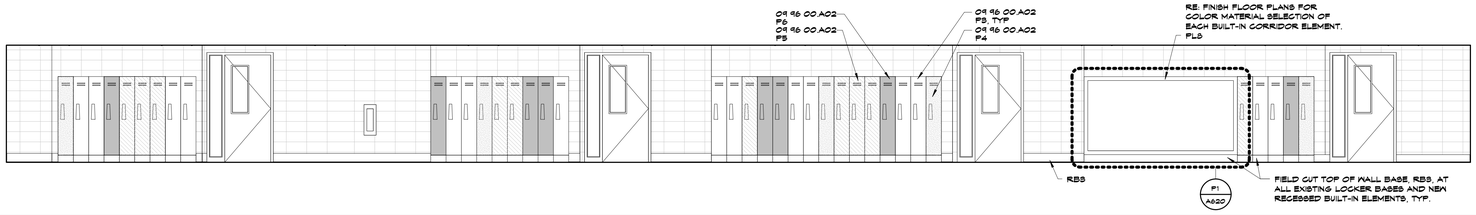
K11 Scale 1/4" = 1'-0" — Reception Desk - Side



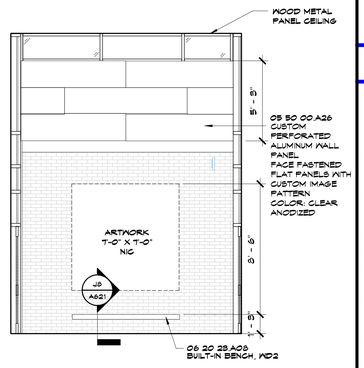
K13 Scale 1/4" = 1'-0" — Reception - B101 - West



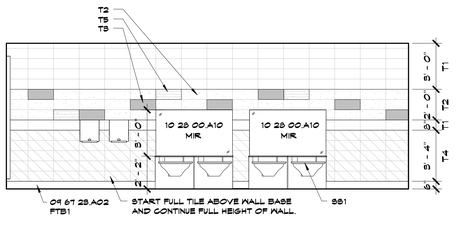
G2 Scale 1/4" = 1'-0" — Interior Elevation - Area A - Typ Corridor 2



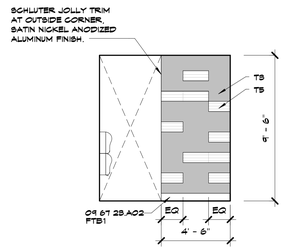
D1 Scale 1/4" = 1'-0" — Interior Elevation - Area A - Typ Corridor 1



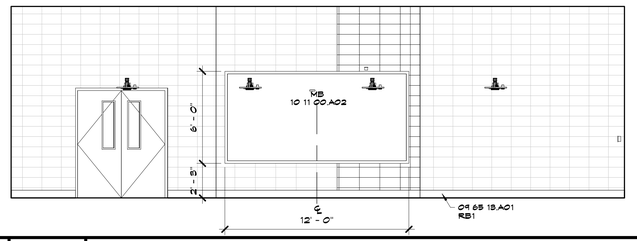
D14 Scale 1/4" = 1'-0" — Main Entry B100 - East



A1 Scale 1/4" = 1'-0" — Mens Restroom A103 - North



A6 Scale 1/4" = 1'-0" — Men's Entry A103 - East



A9 Scale 1/4" = 1'-0" — Flex Instruction A108 - South

SHEET KEYNOTE LEGEND

05 50 00.A26	ARCHITECTURAL EXPOSED METAL FABRICATIONS
06 20 28.A03	WOOD PANELING
06 40 28.A13	ORNAMENTAL WOODWORK
06 40 28.A16	PLASTIC LAMINATE CABINETS - CUSTOM
09 65 19.A01	RESILIENT BASE
09 67 28.A02	INTEGRAL COVE BASE
09 77 28.A01	FABRIC-WRAPPED PANELS
09 96 00.A02	HIGH PERFORMANCE COATING - GLOSS
10 11 00.A02	MARKERBOARDS
10 14 00.A02	DIMENSIONAL CHARACTERS
10 14 00.A13	INTERIOR VINYL GRAPHICS (GLASS SUBSTRATE)
10 28 00.A10	MIRROR UNIT
12 32 00.A01	PLASTIC LAMINATE FACED CABINETS
12 32 00.A04	SOLID SURFACING COUNTERTOPS
12 32 00.A09	TALL CABINET WITH ADJUSTABLE SHELVES

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS.
2. NOT USED.
3. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30' TYP.
4. ALL COLOR/MATERIAL TRANSITIONS SHALL BE INSTALLED AT INSIDE CORNERS.
5. TACKWALL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. TACKWALL CONTRACTOR RESPONSIBLE FOR CUTTING IN DATA/PONER/PHONE OUTLETS - RE: ELECTRICAL SHEETS.
6. CONTINUE WALL FINISH AS SCHEDULE BEHIND EQUIPMENT.
7. MILLWORK CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND INSTALLATION.
8. ALL BACKSPLASH MATERIAL SHALL MATCH COUNTERTOP MATERIAL.
9. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH.
10. AT OPEN KNEE SPACE OVER 9'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
11. PROVIDE 2" DIA. WHITE (PB) MOCKETT SS5 GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
12. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 10% T2; 20% T3; 10% T5. CUT T5 TO 5"X20".
13. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 10% T3; 50% T5. CUT T5 TO 5"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: MG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD3

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BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — ARCHITECT
11.24.2015
Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

A600

OF

INTERIOR ELEVATIONS - AREA A & B

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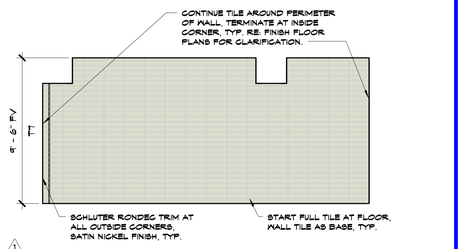
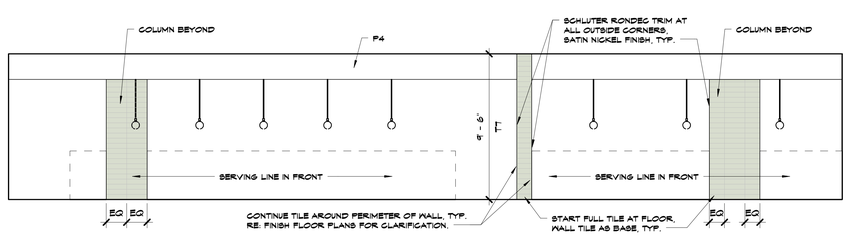
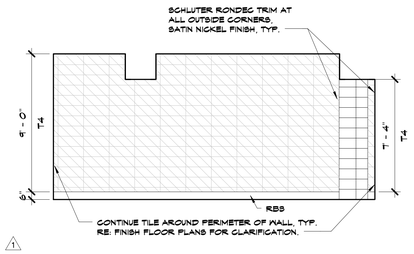


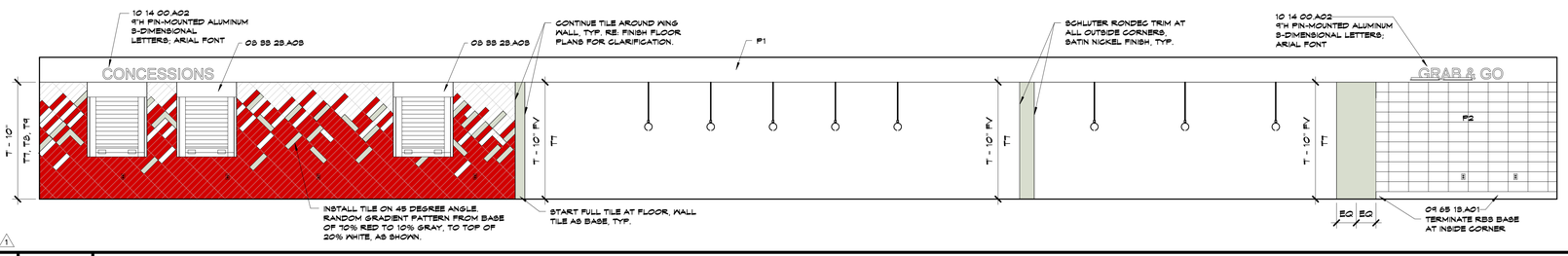
P1 | Scale 1/4" = 1'-0" | Kitchen C113 - East



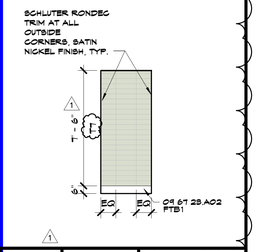
P5 | Scale 1/4" = 1'-0" | Kitchen - C113 - South



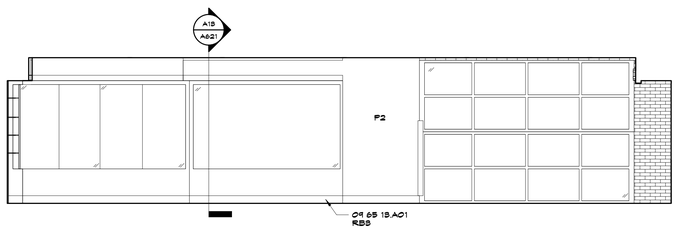
P13 | Scale 1/4" = 1'-0" | Kitchen C113 - West



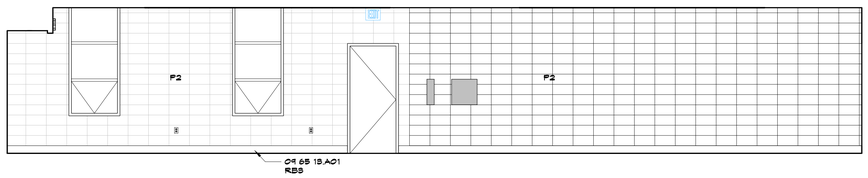
L1 | Scale 1/4" = 1'-0" | Cafeteria - C112 - South



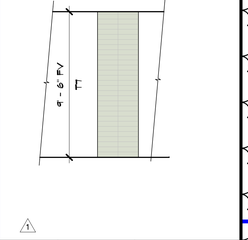
L15 | Scale 1/4" = 1'-0" | Kitchen C113 - South2



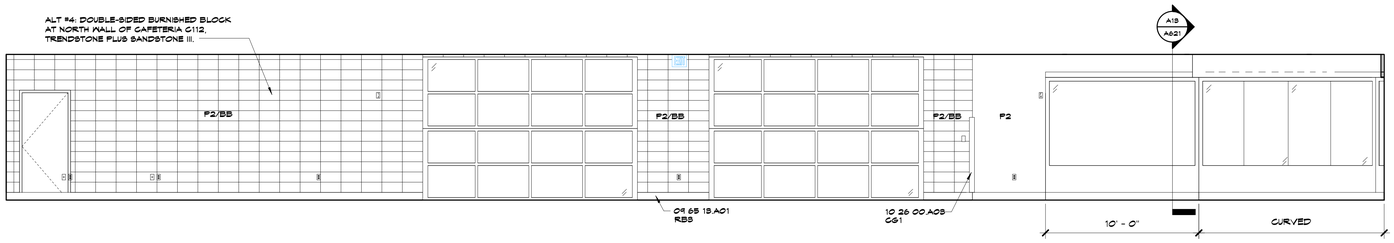
G1 | Scale 1/4" = 1'-0" | Cafeteria - C112 - East



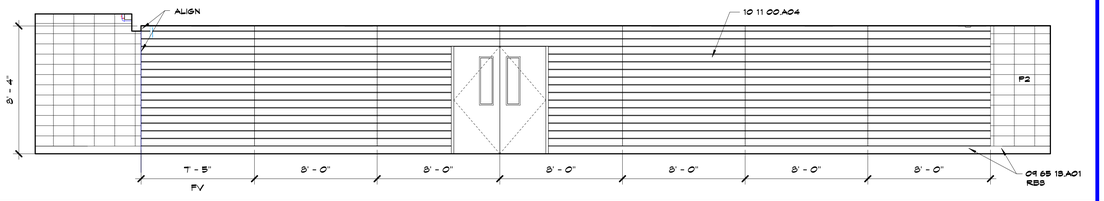
G7 | Scale 1/4" = 1'-0" | Cafeteria - C112 - West



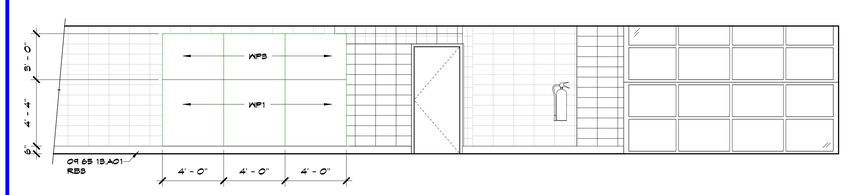
G15 | Scale 1/4" = 1'-0" | Cafeteria - Columns, TYP



D1 | Scale 1/4" = 1'-0" | Cafeteria - C112 - North



A1 | Scale 1/4" = 1'-0" | Corridor C111 - East



A10 | Scale 1/4" = 1'-0" | Corridor C111 - West

SHEET KEYNOTE LEGEND

08 33 23.AO3	OVERHEAD COILING COUNTER DOORS
09 65 13.AO1	RESILIENT BASE
09 67 23.AO2	INTEGRAL COVE BASE
10 11 00.AO4	VISUAL DISPLAY RAILS
10 14 00.AO2	DIMENSIONAL CHARACTERS
10 26 00.AO3	CORNER GUARDS

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS.
2. NOT USED.
3. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30' TYP.
4. ALL COLOR/MATERIAL TRANSITIONS SHALL BE INSTALLED AT INSIDE CORNERS.
5. TACKWALL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. TACKWALL CONTRACTOR RESPONSIBLE FOR CUTTING IN DATA/POWER/PHONE OUTLETS - RE: ELECTRICAL SHEETS.
6. CONTINUE WALL FINISH AS SCHEDULE BEHIND EQUIPMENT.
7. MILLWORK CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND INSTALLATION.
8. ALL BACKSPLASH MATERIAL SHALL MATCH COUNTERTOP MATERIAL.
9. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH. AT OPEN KNEE SPACE OVER 2'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
10. PROVIDE 2" DIA WHITE (9B) MOCKETT 3SG GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
11. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 10% T2; 20% T3; 10% T5. CUT T5 TO 5"X20".
12. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 10% T5; 30% T5. CUT T5 TO 5"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: MG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD5

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913.345.0617 fax

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT

Kirk Christian Horner
A-2001016578

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JOB NO: 15029
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CHECKED BY: GS/KO
DATE: 11.11.2015

A606

____ OF ____

INTERIOR ELEVATIONS - AREA C

11/24/2015 5:17:49 PM

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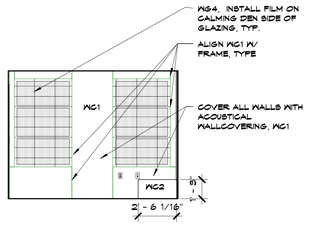
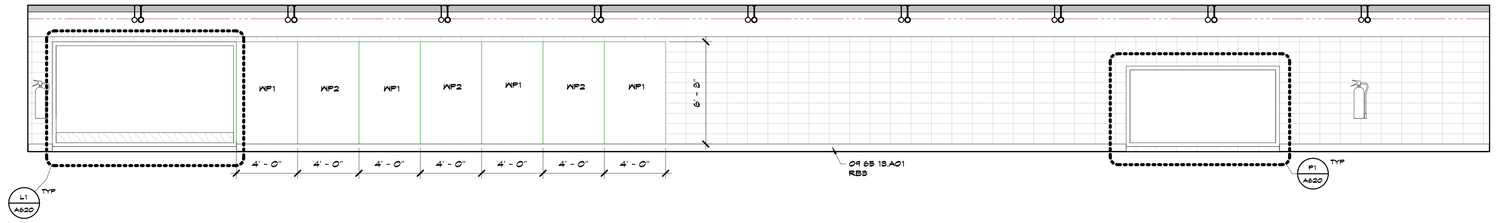
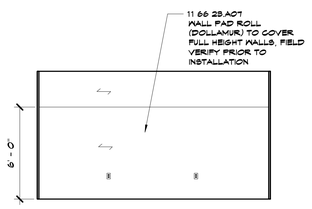


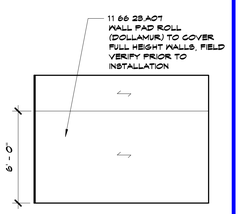
N1 Scale 1/4" = 1'-0" — Calming Den D104C - West



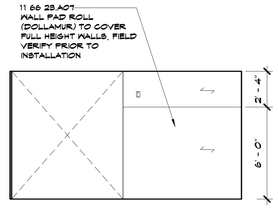
N4 Scale 1/4" = 1'-0" — Corridor D106 - North



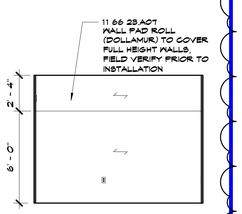
K1 Scale 1/4" = 1'-0" — Sensory Room D104D - North



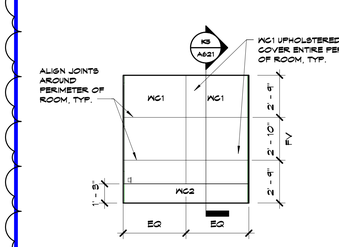
K4 Scale 1/4" = 1'-0" — Sensory D104D - East



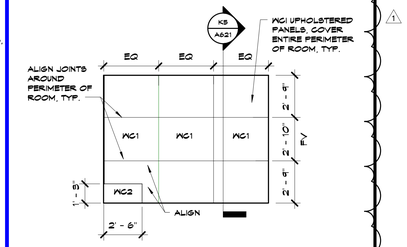
K6 Scale 1/4" = 1'-0" — Sensory Room D104D - South



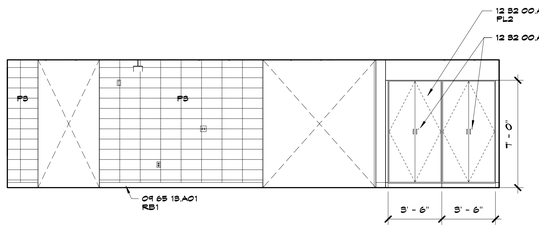
K9 Scale 1/4" = 1'-0" — Sensory D104D - West



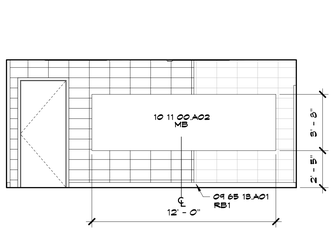
K11 Scale 1/4" = 1'-0" — Calming Den D104C - North



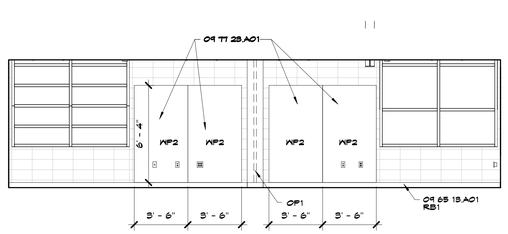
K14 Scale 1/4" = 1'-0" — Calming Den D104C - East



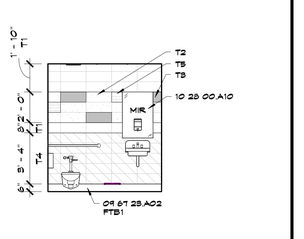
G1 Scale 1/4" = 1'-0" — Emtional Needs D104A/D104B - North



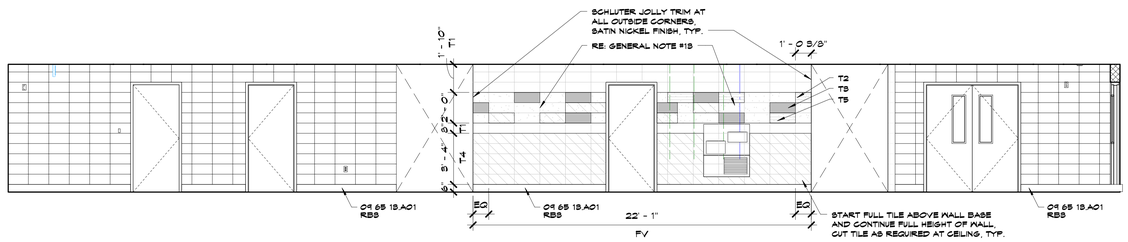
G6 Scale 1/4" = 1'-0" — Emotional Needs D104 - East



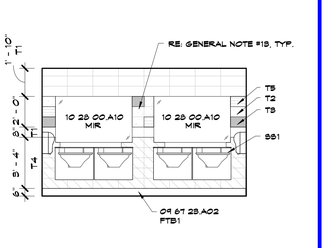
G9 Scale 1/4" = 1'-0" — Emotional Needs D104 - South



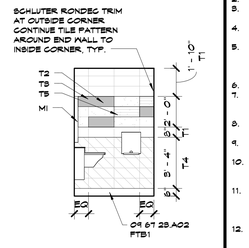
G14 Scale 1/4" = 1'-0" — Toilet D105A - North (Typ.)



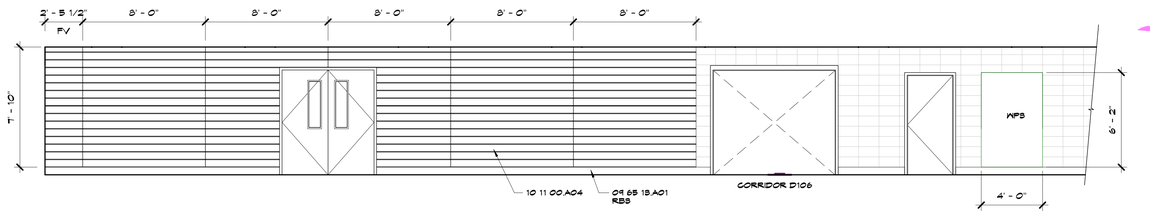
D1 Scale 1/4" = 1'-0" — Corridor D105 - West



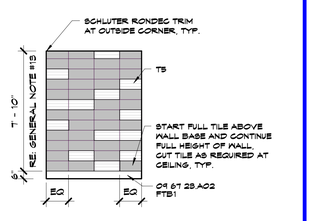
D12 Scale 1/4" = 1'-0" — Men D102 - North



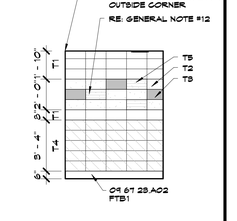
D15 Scale 1/4" = 1'-0" — Men D102 - East



A1 Scale 1/4" = 1'-0" — Corridor D105 - East



A12 Scale 1/4" = 1'-0" — Men/Women Entry D102 - West



A15 Scale 1/4" = 1'-0" — Men D102 - East

SHEET KEYNOTE LEGEND

09 65 19.A01	RESILIENT BASE
09 67 23.A02	INTEGRAL COVE BASE
09 77 23.A01	FABRIC-WRAPPED PANELS
10 11 00.A02	MARKERBOARDS
10 11 00.A04	VISUAL DISPLAY RAILS
10 28 00.A10	MIRROR UNIT
11 66 28.A07	WALL SAFETY PADS
12 52 00.A09	TALL CABINET WITH ADJUSTABLE SHELVES
12 52 00.A17	CABINET LOCK

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS. NOT USED.
2. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30' TYP.
3. ALL COLOR/MATERIAL TRANSITIONS SHALL BE INSTALLED AT INSIDE CORNERS.
4. TACKWALL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. TACKWALL CONTRACTOR RESPONSIBLE FOR CUTTING IN DATA/POWER/PHONE OUTLETS - RE: ELECTRICAL SHEETS.
5. CONTINUE WALL FINISH AS SCHEDULE BEHIND EQUIPMENT.
6. MILLWORK CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND INSTALLATION.
7. ALL BACKSPLASH MATERIAL SHALL MATCH COUNTERTOP MATERIAL.
8. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH.
9. AT OPEN KNEE SPACE OVER 3'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
10. PROVIDE 2" DIA. WHITE (WS) MOCKETT 5GS GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
11. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 70% T2; 20% T3; 10% T5. CUT T5 TO 8"X20".
12. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 70% T3; 30% T5. CUT T5 TO 8"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: WG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD3

* ALL WALL FINISHES ARE NOT GRAPHICALLY SHOWN. ONLY THOSE FOR CLARIFICATION. REFER TO ROOM FINISH SCHEDULE AND FINISH FLOOR PLANS.

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Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority # EGC-000178
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD/AVL
CHECKED BY: GS/KO
DATE: 11.11.2015

A607

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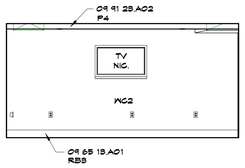
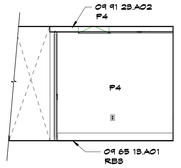
INTERIOR ELEVATIONS - AREA D

11/24/2015 2:38:31 PM

Please consider the environment before printing this.



P1 | Scale 1/4" = 1'-0" | Flex E100A - Pod 1 North



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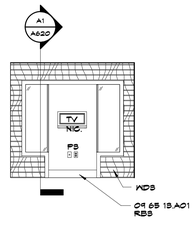
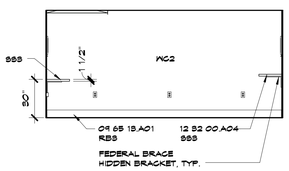
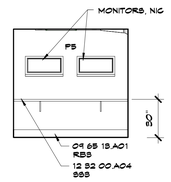


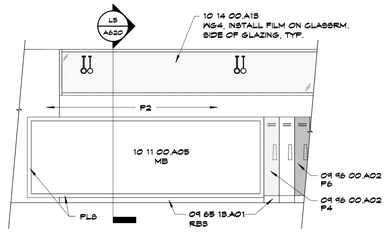
P6 | Scale 1/4" = 1'-0" | Flex E100B - Cave Space



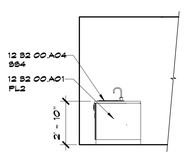
P8 | Scale 1/4" = 1'-0" | Flex E100C - Pod 2 North



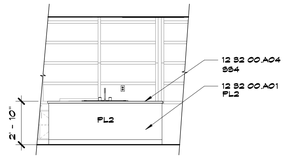
P11 | Scale 1/4" = 1'-0" | Flex E100C - Pod 2 East



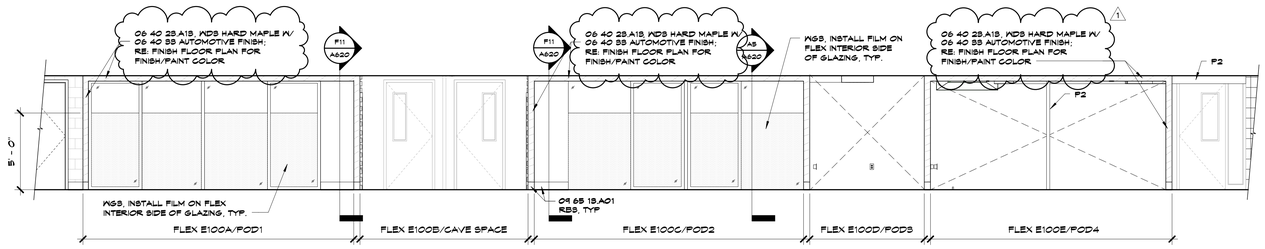
P13 | Scale 1/4" = 1'-0" | Flex E100E - South



L1 | Scale 1/4" = 1'-0" | Life Skills D108 - Side



L3 | Scale 1/4" = 1'-0" | Life Skills D108 - South



L6 | Scale 1/4" = 1'-0" | Flex Instruction E100 - North, ALT #9

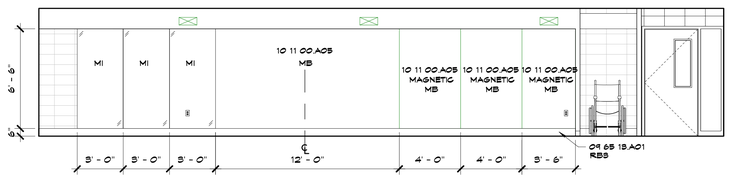
H1 | Scale 1/4" = 1'-0" | Toilet D108A - West

H4 | Scale 1/4" = 1'-0" | Life Skills D108 - North

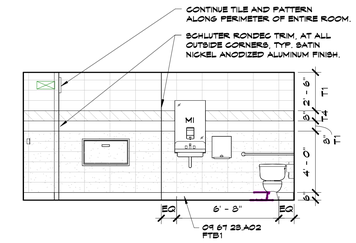
H7 | Scale 1/4" = 1'-0" | Life Skills D108 - South

H11 | Scale 1/4" = 1'-0" | Life Skills D108 - East

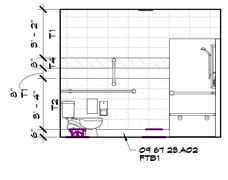
H14 | Scale 1/4" = 1'-0" | Life Skills D108 - Island North



E1 | Scale 1/4" = 1'-0" | Motorskills D107 - North



E8 | Scale 1/4" = 1'-0" | Toilet D108A - North



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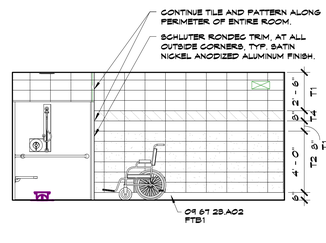
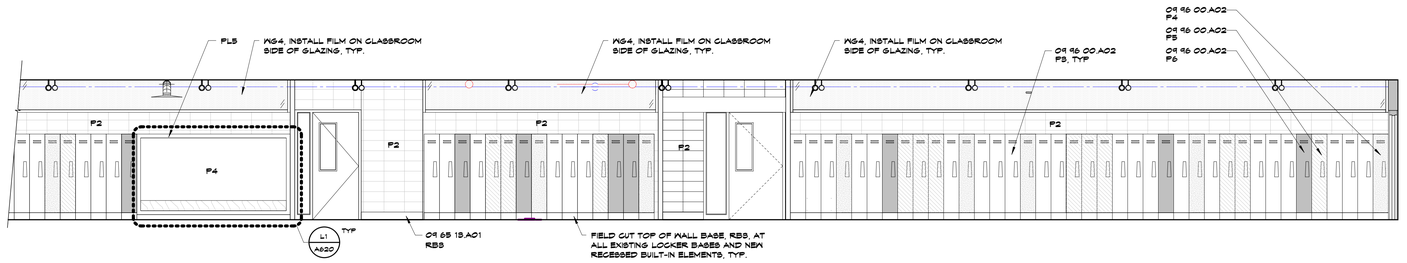
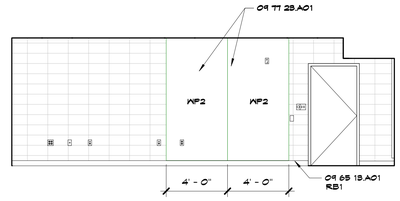


E14 | Scale 1/4" = 1'-0" | Toilet D108A - South



A1 | Scale 1/4" = 1'-0" | Corridor D106 - South



A13 | Scale 1/4" = 1'-0" | Motor Skills D107 - West

SHEET KEYNOTE LEGEND

06 40 23.A1B	ORNAMENTAL WOODWORK
09 65 19.A01	RESILIENT BASE
09 67 23.A02	INTEGRAL COVE BASE
09 77 23.A01	FABRIC-WRAPPED PANELS
09 91 23.AC2	PAINT - EGGSHELL
09 96 00.AC2	HIGH PERFORMANCE COATING - GLOSS
10 11 00.AC5	VISUAL DISPLAY WALL PANELS
10 14 00.A1B	INTERIOR VINYL GRAPHICS (GLASS SUBSTRATE)
12 52 00.AC1	PLASTIC LAMINATE FACED CABINETS
12 52 00.AC3	PLASTIC LAMINATE COUNTERTOPS
12 52 00.AC4	SOLID SURFACING COUNTERTOPS

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS. NOT USED.
2. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30' TYP.
3. ALL COLOR/MATERIAL TRANSITIONS SHALL BE INSTALLED AT INSIDE CORNERS.
4. TACKWALL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. TACKWALL CONTRACTOR RESPONSIBLE FOR CUTTING IN DATA/POWER/PHONE OUTLETS - RE: ELECTRICAL SHEETS.
5. CONTINUE WALL FINISH AS SCHEDULE BEHIND EQUIPMENT.
6. MILLWORK CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND INSTALLATION.
7. ALL BACKSPLASH MATERIAL SHALL MATCH COUNTERTOP MATERIAL.
8. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH.
9. AT OPEN KNEE SPACE OVER 2'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
10. PROVIDE 2" DIA. WHITE (1B) MOCKETT 8SS GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
11. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 70% T2; 20% T3; 10% T5. CUT T5 TO 8"X20".
12. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 70% T3; 30% T5. CUT T5 TO 8"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: WG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD3

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Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority # EGC-000178
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Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
Nov 11, 2015
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD/AVL
CHECKED BY: GS/KO
DATE: 11.11.2015

A608

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INTERIOR ELEVATIONS - AREA D & E

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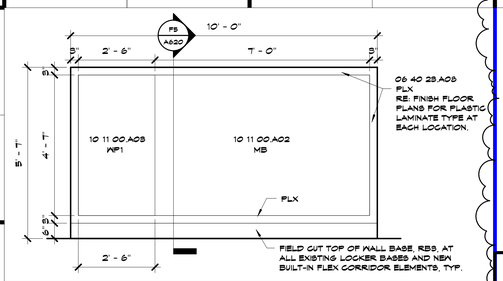
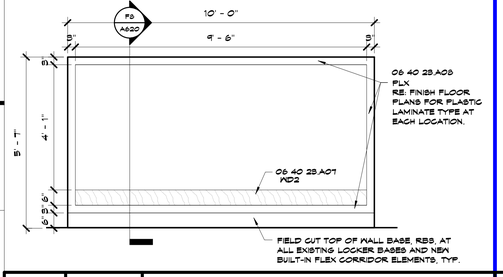
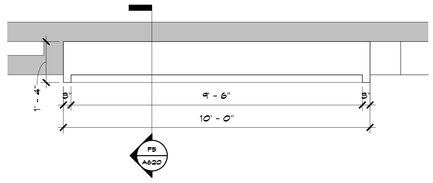


P1 Scale 1/2" = 1'-0" — Enlarged Elevation - Typ. Corridor Teaching Wall

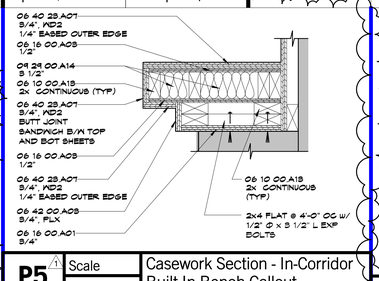


L1 Scale 1/2" = 1'-0" — Enlarged Elevation - Typ. Corridor Bench

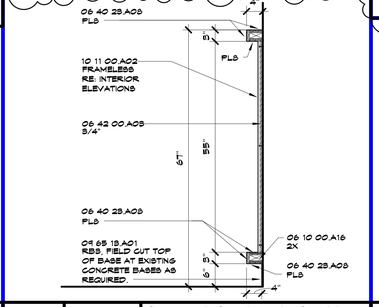


F1 Scale 1/2" = 1'-0" — Enlarged Plan - Typical In-Corridor Flex

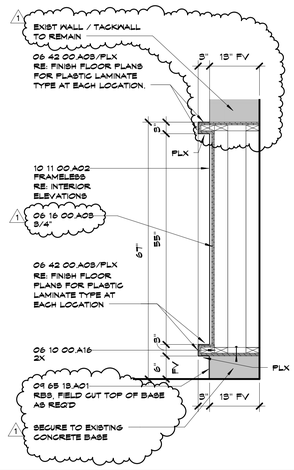
A1 Scale 3/4" = 1'-0" — Casework Section - Cave Space E/W



P5 Scale 1 1/2" = 1'-0" — Casework Section - In-Corridor Built-In Bench Callout

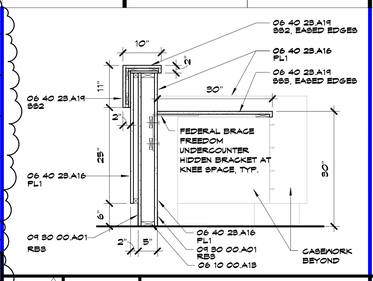


L5 Scale 3/4" = 1'-0" — Casework Section - In-Corridor Markerboard - CMU Mounted

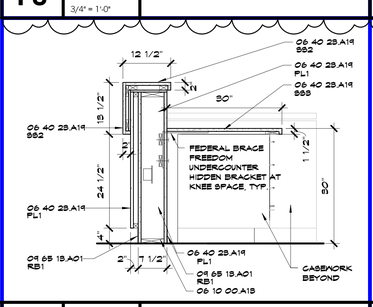


F5 Scale 3/4" = 1'-0" — Casework Section - In-Corridor Built-In Markerboard

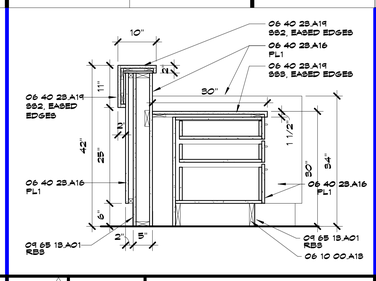
F8 Scale 3/4" = 1'-0" — Casework Section - In-Corridor Built-In Bench



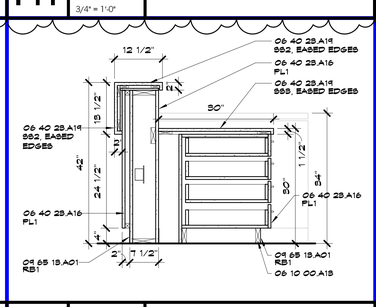
P8 Scale 3/4" = 1'-0" — Circulation Desk Section 1



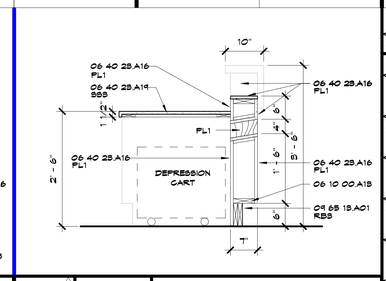
L8 Scale 3/4" = 1'-0" — Reception Desk Section 1



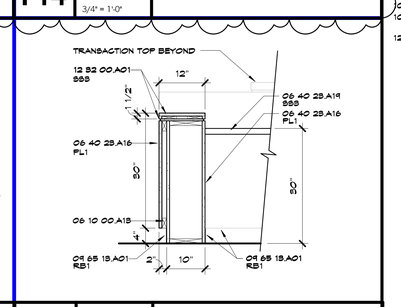
P11 Scale 3/4" = 1'-0" — Circulation Desk Section 2



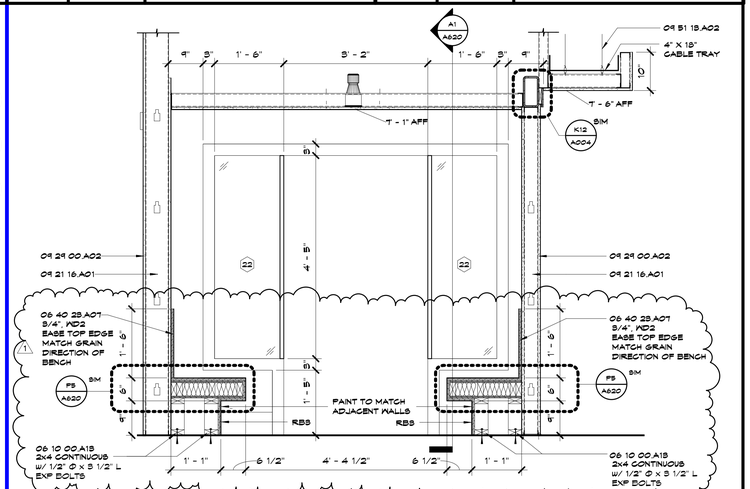
L11 Scale 3/4" = 1'-0" — Reception Desk Section 2



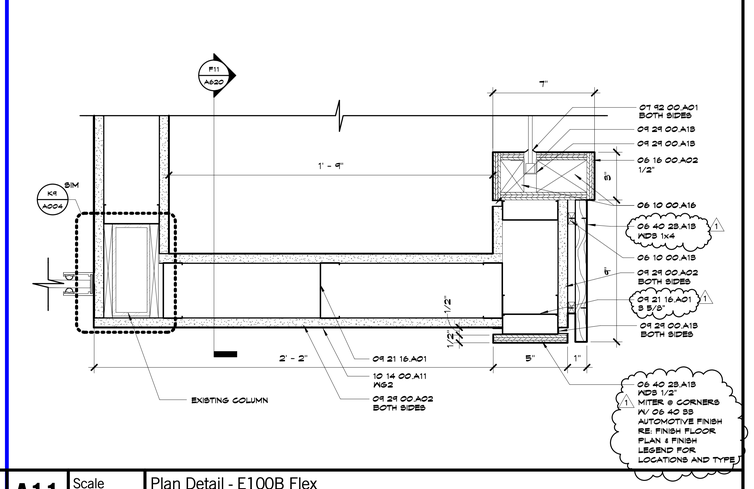
P14 Scale 3/4" = 1'-0" — Circulation Desk - Book Drop



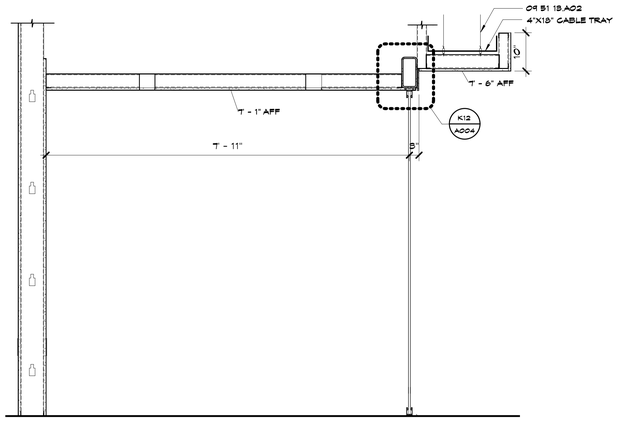
L14 Scale 3/4" = 1'-0" — Reception Desk @ ADA Counter



F11 Scale 3/4" = 1'-0" — Casework Section - Cave Space N/S



A11 Scale 3" = 1'-0" — Plan Detail - E100B Flex



A5 Scale 3/4" = 1'-0" — Section @ E100C Flex

SHEET KEYNOTE LEGEND

06 10 00.A15	WOOD BLOCKING/NAILERS
06 10 00.A16	FIRE-RETARDANT TREATED WOOD BLOCKING & NAILERS
06 16 00.AO1	FIRERETARDANT TREATED PLYWOOD
06 16 00.AO2	FIRE-RETARDANT TREATED PLYWOOD
06 16 00.AO5	PLYWOOD WALL SHEATHING
06 40 28.AO7	VENEERED PANELS
06 40 28.AO5	PLASTIC LAMINATE-CLAD PANELS
06 40 28.A15	ORNAMENTAL WOODWORK
06 40 28.A16	PLASTIC LAMINATE CABINETS - CUSTOM
06 40 28.A19	SOLID SURFACE COUNTERTOPS
06 42 00.AO5	PLASTIC LAMINATE CLAD PANELING
07 92 00.AO1	SEALANT
09 21 16.AO1	NON-STRUCTURAL FRAMING
09 29 00.AO2	GYPSUM BOARD - TYPE X
09 29 00.A15	REVEAL TRIM
09 29 00.A14	SOUND ATTENUATION BLANKETS
09 30 00.AO1	TILE
09 51 19.AO2	CEILING SUSPENSION SYSTEM
09 65 19.AO1	RESILIENT BASE
10 11 00.AO2	MARKERBOARDS
10 11 00.AO5	TACKBOARDS
10 14 00.A11	INTERIOR VINYL GRAPHICS (SMOOTH SUBSTRATE)
12 52 00.AO1	PLASTIC LAMINATE FACED CABINETS

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Ozark Junior High Additions & Renovations
Ozark R-VI School District
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Ozark, MO 65721

BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

A620

OF

CASEWORK DETAILS

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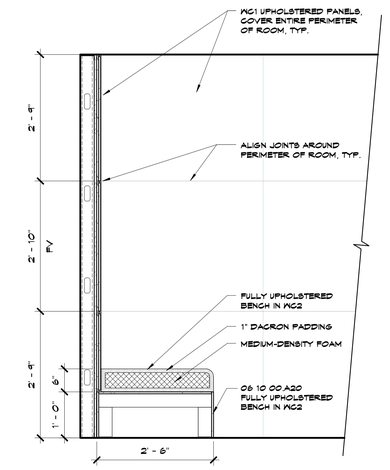
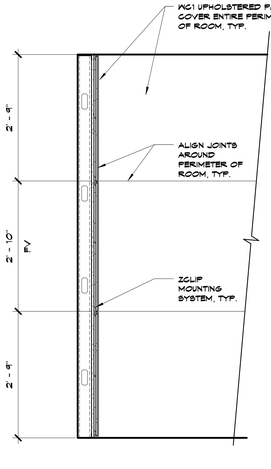
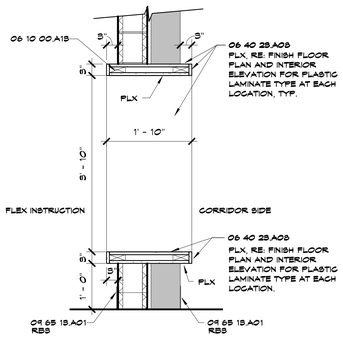


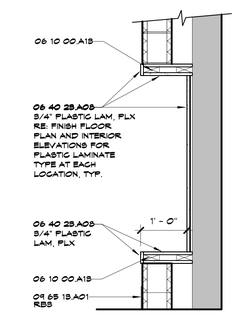
K1 1 | Scale 3/4" = 1'-0" | Calming Den - Bench Section



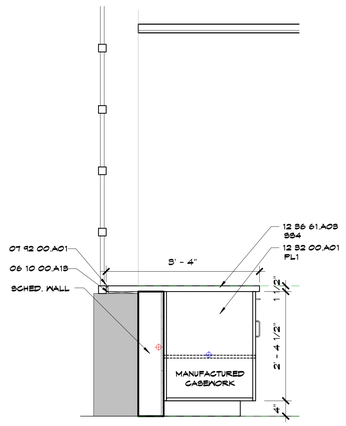
K5 1 | Scale 3/4" = 1'-0" | Calming Den - Upholstered Wall



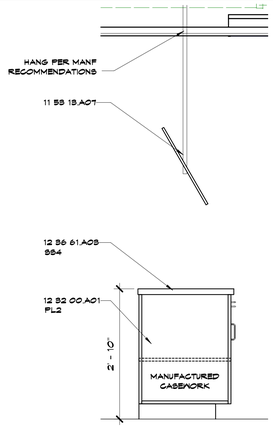
F1 Scale 3/4" = 1'-0" | Corridor to Flex Cave Space Section



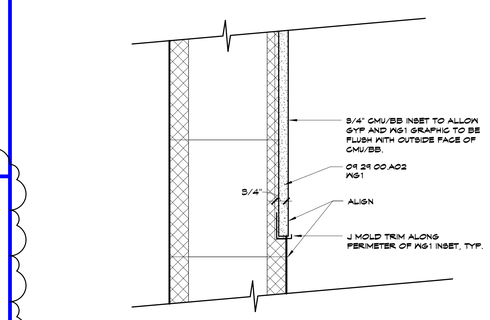
F5 Scale 3/4" = 1'-0" | Corridor Cave Space2



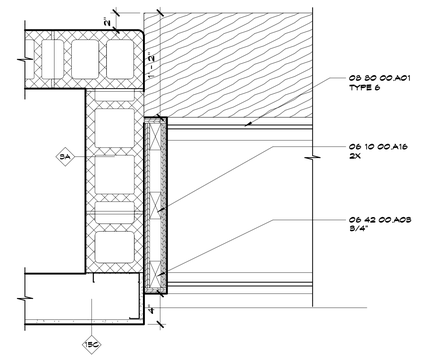
A1 Scale 3/4" = 1'-0" | Section @ E103 FACS @ Existing Wall & Counter



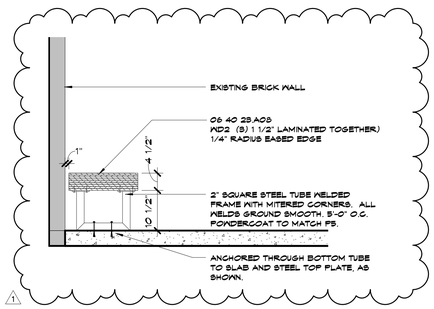
A5 Scale 3/4" = 1'-0" | Casework Section @ FACS Demo Station



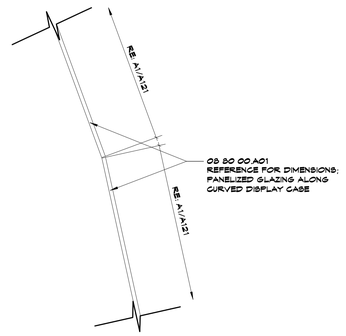
N8 Scale 3" = 1'-0" | Section @ CMU for WG1



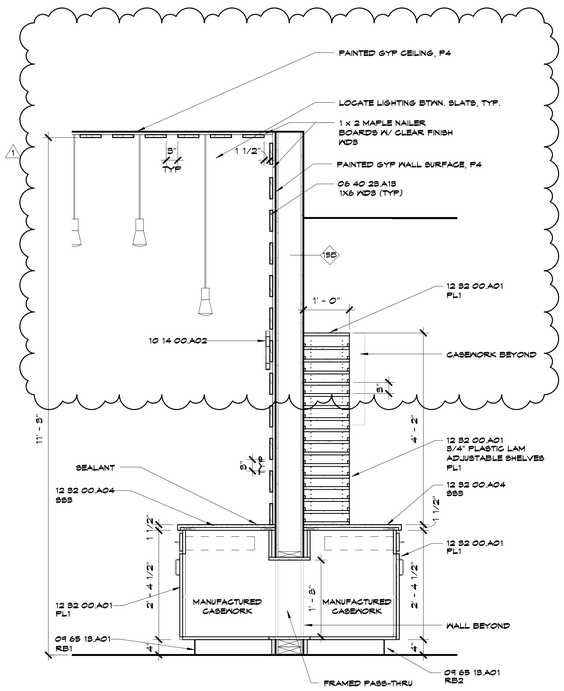
N13 Scale 1 1/2" = 1'-0" | Plan Detail @ Display Case Bench



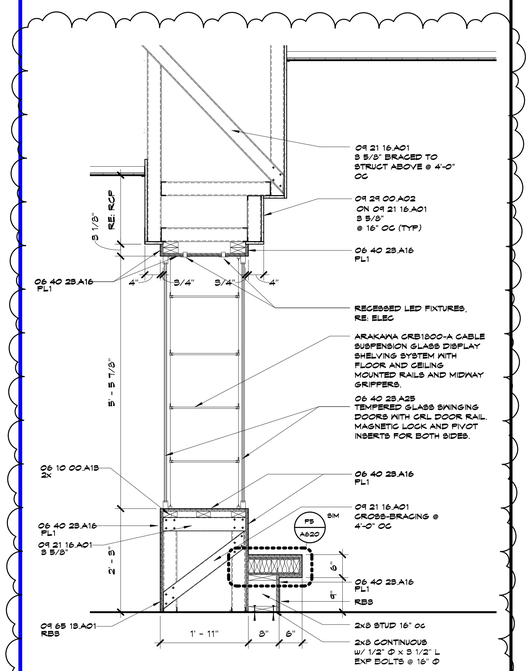
J8 Scale 3/4" = 1'-0" | Section @ B100 Main Entry Bench



J13 Scale 3" = 1'-0" | Plan Detail Reference - Display Case Panelized Glass



A8 Scale 3/4" = 1'-0" | Casework Section - B102 Workroom Mailbox



A13 1 | Scale 3/4" = 1'-0" | Cafeteria - North / Northeast Wall

SHEET KEYNOTE LEGEND

06 10 00.A15	WOOD BLOCKING/NAILERS
06 10 00.A16	FIRE-RETARDANT TREATED WOOD BLOCKING 4 NAILERS
06 10 00.A20	FRTD PLYWOOD BLOCKING AND BACKING PANELS
06 40 28.A05	PLASTIC LAMINATE-CLAD PANELS
06 40 28.A13	ORNAMENTAL WOODWORK
06 40 28.A16	PLASTIC LAMINATE CABINETS - CUSTOM
06 40 28.A25	SWINGING DISPLAY CASE DOOR SYSTEM
06 42 00.A08	PLASTIC LAMINATE CLAD PANELING
07 92 00.A01	SEALANT
08 80 00.A01	CLEAR MONOLITHIC FLOAT GLASS
09 21 16.A01	NON-STRUCTURAL FRAMING
09 29 00.A02	GYPSUM BOARD - TYPE X
09 65 19.A01	RESILIENT BASE
10 14 00.A02	DIMENSIONAL CHARACTERS
11 53 19.A07	DEMONSTRATION MIRROR
12 32 00.A01	PLASTIC LAMINATE FACED CABINETS
12 32 00.A04	SOLID SURFACING COUNTERTOPS
12 36 61.A08	QUARTZ AGGLOMERATE COUNTERTOPS

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BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.23.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT

Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

A621

OF

CASEWORK DETAILS

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1 SITE DEVELOPMENT

C100 SCALE: 1" = 30'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

ADDENDUM 1

SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

1288	EXISTING GRADE LINES
1288	PROPOSED NEW GRADE LINES
	EXISTING BUILDING
	NEW FENCE
	NEW ASPHALT PAVING
	SURFACE FLOW ARROW
	FIBER ROLLS / SILT SOCK

+ 1265.5 PVT

NEW SPOT ELEVATIONS

LIST	ABBREVIATION
GRADE	NONE
SIDEWALK	SW
TOP OF WALL	TW
TOP OF CURB	TC
TOP OF PAVEMENT	PVT
NEW GRADE	GD
CONCRETE	CONC
EXISTING TOP OF CURB	ETC
EXISTING GRADE	EGD
EXISTING PAVEMENT	EPVT
EXISTING SIDEWALK	ESW
FLOW LINE	FL
TOP OF WALL	TOP

ADDENDUM 1

MISSOURI ONE CALL SYSTEM, INC 1-800-344-7483 STOP-CALL BEFORE YOU DIG

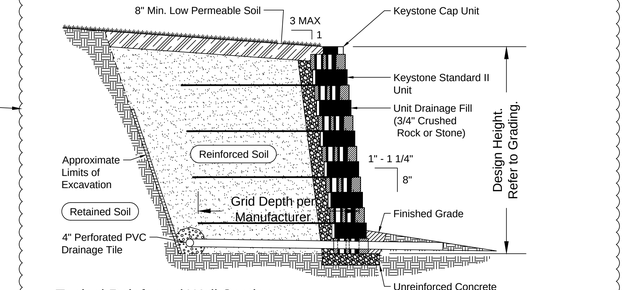
CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

ALL SITE DIMENSIONS TO THE FACE OF CURB, CONCRETE OR PROPERTY LINE UNLESS OTHERWISE NOTED. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND STARTING CONSTRUCTION.

ADDENDUM 1

PAVEMENT MARKINGS NOTE:
PAVEMENT MARKINGS, INCLUDING BUT NOT LIMITED TO: STALL STRIPING, HC AREAS, SHALL BE PROVIDED AS GENERALLY AS SHOWN WITH 4" WIDE STRIPING, HI-VISIBILITY, DURABLE, PAINT. ALL MARKING COLORS AND LOCATIONS SHALL BE PER THE OWNER AND MATCH EXISTING SITE CONDITIONS. ALL MARKING AND STRIPING SHALL BE COORDINATED WITH OWNER PRIOR TO ANY WORK. PAVEMENT MARKINGS (WHITE). ALL HANDICAP PARKING DESIGNATION (BLUE OR YELLOW).

ADDENDUM 1



Typical Reinforced Wall Section
Keystone Standard II Unit - 1" Setback

2 RETAINING WALL DETAIL

C100 NOT TO SCALE

Retaining Wall Notes:
1. LANDSCAPE BLOCK WALL TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS.
2. CONTRACTOR SHALL FOLLOW ALL APPLICABLE LOCAL CODES AND REGULATIONS.
3. LANDSCAPE BLOCK WALL UNITS SHALL BE FROM KEYSTONE WALLS (800-747-8971) OR EQUAL RETAINING WALL MANUFACTURER.
4. WHEN SITE CONDITIONS REQUIRE, WRAP DRAINAGE TILE IN 3/4" AGGREGATE AND FILTER FABRIC WITH DRAINAGE COMPOSITE OR AGGREGATE BACK DRAIN SYSTEM, AS DIRECTED BY GEOTECHNICAL ENGINEER OR MANUFACTURER.
5. CONTRACTOR TO COORDINATE SITE SPECIFIC DESIGN AND CONSTRUCTION DETAILS WITH KEYSTONE WALLS OR EQUAL.

SHEET KEYNOTE LEGEND

ADDENDUM 1

1. CONCRETE CURB & GUTTER. TYPICAL FOR ENTIRE SITE. *REFER TO DETAILS.*
2. STANDARD DUTY PAVEMENT IN PARKING STALLS. HEAVY DUTY PAVEMENT IN DRIVE/DELIVERY AISLES *REFER TO DETAILS.*
3. SIDEWALK WITH INTEGRAL CURB. *REFER TO DETAILS.*
4. NEW SIDEWALK SECTION. *REFER TO DETAILS.*
5. SIDEWALK RAMP. *REFER TO DETAILS.*
6. STEEL BOLLARD. REFER TO DETAILS. PROVIDE H.C. PARKING SIGN ON STEEL POST SET IN BOLLARD IN FRONT OF H.C. PARKING STALLS. *REFER TO DETAILS.*
7. ALL PAVEMENT MARKINGS PER PLANS. SEE NOTE THIS SHEET. *TYPICAL.*

ADDENDUM 1

8. 123 LF OF MODULAR BLOCK WALL. HEIGHT VARIES. COLOR AND STYLE SHOULD MATCH EXISTING ADJACENT WALL. WALL DESIGN SHALL BE BY BLOCK MANUFACTURER. INSTALL FENCE ON OR NEAR TOP OF WALL PER MANUFACTURERS RECOMMENDATIONS. *REFER TO DETAIL.*
9. ALL DRIVEWAY APRONS SHALL BE CONSTRUCTED PER THE CITY OF OZARK STANDARDS AND SPECIFICATIONS FOR A COMMERCIAL DEVELOPMENT. REFER TO STANDARD DETAIL 02525-11. *REFER TO DETAILS.*
10. 3' WIDE CURB CUT
11. LANDSCAPE AREA. *REFER TO LANDSCAPE PLANS.*
12. RETAINING WALL AND FENCE. *REFER TO STRUCTURAL PLANS.*
13. INSTALL TEN 7" TALL STEPS WITH HANDRAIL. *REFER TO ARCHITECT'S PLAN FOR DETAILS.*
14. INSTALL NINE 7" TALL STEPS WITH HANDRAIL. *REFER TO ARCHITECT'S PLAN FOR DETAILS.*
15. INSTALL CONCRETE TRICKLE CHANNEL. WHERE TRICKLE CHANNEL ALREADY EXISTS, REPLACE TRICKLE CHANNEL AT GRADES SHOWN. MATCH ELEVATIONS OF EXISTING, ADJACENT SIDEWALK AND RETAINING WALL, IF APPLICABLE. *REFER TO DETAILS.*
16. INSTALL 6 FEET TALL CHAIN LINK FENCE MATCHING EXISTING FENCE. INSTALL ON TOP OF WALL (OR IMMEDIATELY ADJACENT) PER MANUFACTURER'S RECOMMENDATION.
17. MATCH EXISTING FENCE.
18. REMOVE EXISTING SEGMENTAL BLOCK WALL WEST OF THIS LOCATION. BLOCKS MAY BE REUSED IF IN GOOD CONDITION.

ADDENDUM 1

19. REMOVE AND REPLACE RAILING BACK TO ORIGINAL CONFIGURATION.
20. TERMINATE FENCE AT BUILDING.
21. TERMINATE FENCE AT SIDEWALK
22. INSTALL GATE.
23. EXISTING FENCE TO REMAIN.
24. REMOVE EXISTING FENCE.

KEY PLAN

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913.345.2127 phone
913.345.0617 fax

Ozark Junior High - South Parking Lot

Ozark R-VI School District
1109 West Jackson
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REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

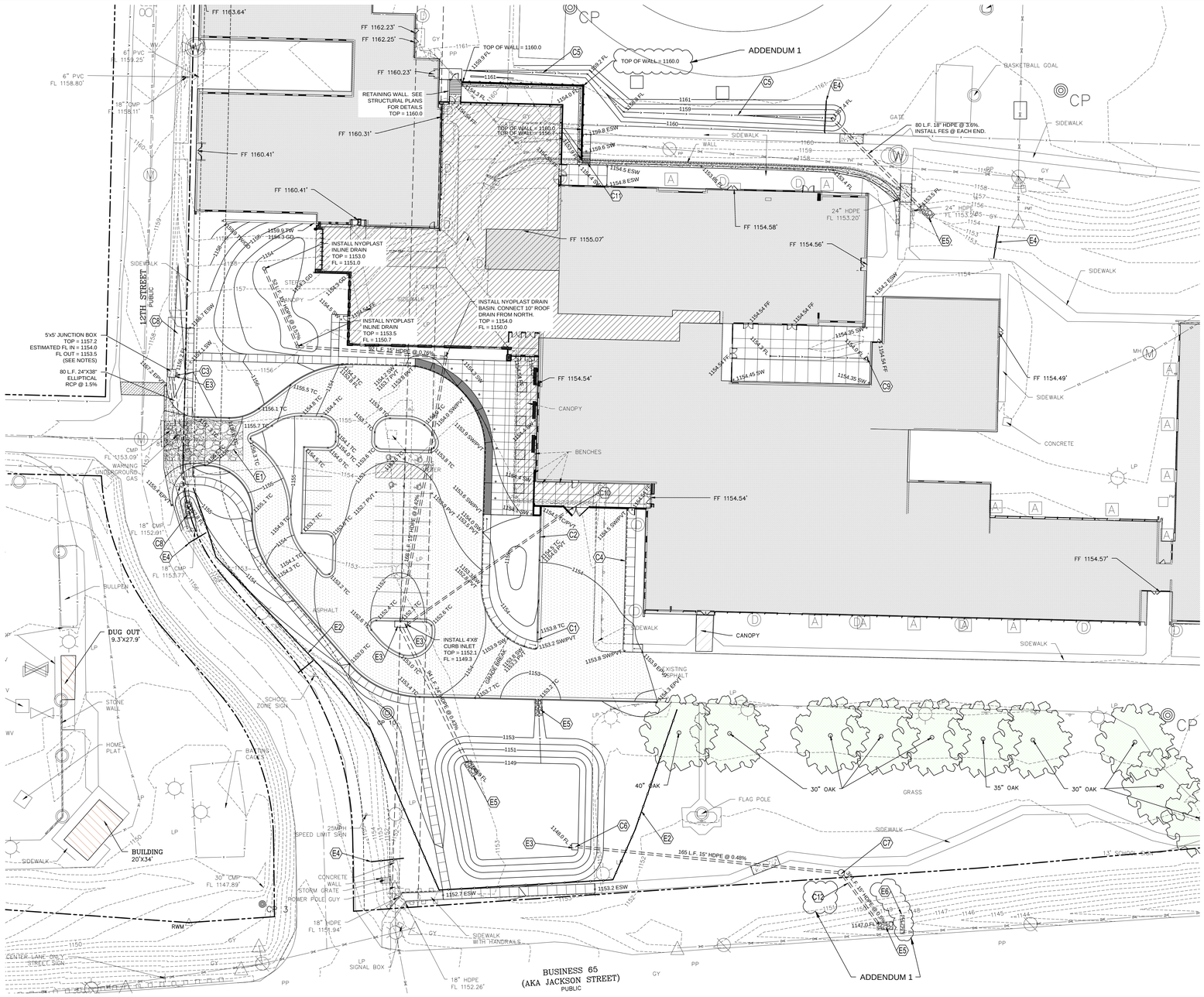
STATE OF MISSOURI BRYAN DOYLE BOUCHER NUMBER PE-2006019542 11-24-2015 PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDO
CHECKED BY: BDO
DATE: 11.10.2015

C100

OF

SITE DEVELOPMENT



1 SITE GRADING PLAN

101

SCALE: 1" = 30'

GENERAL NOTES

A. EXISTING SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION OF THE SITE AND THE SURVEY PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
B. CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL AND VERTICAL LINES AND GRADES OF EXISTING UTILITIES PRIOR TO THE CONSTRUCTION OF IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF A DISCREPANCY BETWEEN CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS.
C. CITY OF OZARK CONSTRUCTION INSPECTION DEPARTMENT SHALL BE CONTACTED A MINIMUM OF 48 HOURS BEFORE ANY WORK IS PERFORMED ON CITY RIGHT-OF-WAY OR ANY ACTIVITIES BEGIN ON PUBLIC IMPROVEMENTS.
D. APPLICABLE PERMITS MUST BE OBTAINED FROM THE CITY & STATE PRIOR TO EXCAVATION AND PRIOR TO ANY CONSTRUCTION.
E. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
F. GRADING AT ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION. GRADING AT ACCESSIBLE ROUTE SHALL NOT EXCEED 5% IN DIRECTION OF TRAVEL WITH 2% MAXIMUM CROSS SLOPE. GRADING AT BUILDING EGRESS DOORS SHALL NOT EXCEED 2% FOR A DISTANCE OF 5'-0" PERPENDICULAR FROM FACE OF DOOR.
G. TESTING OF CONTROLLED STRUCTURAL FILL, OBSERVATION OF EXCAVATIONS AND COMPACTION OF SUBGRADE SHALL BE DONE BY A QUALIFIED GEOTECHNICAL ENGINEER. FOLLOW GEOTECHNICAL ENGINEER RECOMMENDATIONS FOR SITE EXCAVATION REQUIREMENTS.
H. THE CONTRACTOR SHALL NOTIFY THE INSPECTOR OF ANY NEW SINKHOLES DISCOVERED DURING CONSTRUCTION.
I. THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY CONCERNS ASSOCIATED WITH THIS PROJECT DURING CONSTRUCTION, UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THIS PLAN OR ELSEWHERE IN THE CONTRACT.
J. THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE SUBJECT TO ERROR AND OMISSION. CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
K. A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND/OR FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS.
L. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
M. COORDINATION BETWEEN ALL PARTIES IS ESSENTIAL PART OF CONTRACT.CONTRACTOR SHALL COORDINATE AS NEEDED.
N. THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THIS SITE.
O. THE CONTRACTOR, BY AGREEING TO PERFORM THE WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE OWNER, THE ENGINEER, THE CITY, AND ALL AGENTS AND ASSIGNS OF THOSE PARTIES, FROM ALL SUITES AND CLAIMS ARISING OUT OF THE PERFORMANCE OF SAID WORK, AND FURTHER AGREES TO DEFEND OR OTHERWISE PAY ALL LEGAL FEES ARISING OUT OF THE DEFENSE OF SAID PARTIES.

GRID

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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EROSION CONTROL & MAINTENANCE PLAN NOTES:

1. RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MATS C35 OR APPROVED EQUAL. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.
7. DETENTION BASIN SHALL BE USED AS A SEDIMENT BASIN DURING CONSTRUCTION.

STAGES OF CONSTRUCTION:

ADDENDUM 1

1. CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT OWNER WITH ANY CONFLICTS. FOLLOW SWPPP PLANS FOR ALL STAGES.
2. INSTALLATION OF CONSTRUCTION ENTRANCE.
3. INSTALLATION OF EROSION CONTROL FENCE.
4. DEMOLITION OF EXISTING SITE IMPROVEMENTS.
5. REMOVAL OF EXISTING PAVEMENT ON THE SITE.
6. INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS.
7. ROUGH GRADING.
8. CONSTRUCTION OF NEW SITE IMPROVEMENTS.
9. FINAL GRADING.
10. PLACEMENT OF FINAL LANDSCAPING ITEMS AND SOD.
11. REMOVAL OF EROSION CONTROL FENCE.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.
3. REFER TO STRUCTURAL DRAWINGS FOR BUILDING EXCAVATION REQUIREMENTS.

RIP-RAP NOTE:

PLACE RIP-RAP IN ALL PLACES AS INDICATED ON THE PLAN. THE STONE FOR RIP-RAP SHALL CONSIST OF FIELD STONE OR ROUGH UNHEWN QUARRY STONE AS NEARLY AS UNIFORM. IN SECTION AS PRACTICAL. THE STONES SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, AND SUITABLE IN ALL ASPECTS FOR THE PURPOSE INTENDED UNLESS OTHERWISE SPECIFIED. RIP-RAP SHALL CONSIST OF MATERIAL WITH A PREDOMINANT ROCK SIZE OF 6", A MAXIMUM ROCK SIZE OF 10", AND A GRADATION SUCH THAT NO MORE THAN 15% WILL BE LESS 3". STONES SHALL BE PLACED A MINIMUM OF 12" BELOW FINISH GRADE. ALL RIP-RAP SHALL BE PLACED OVER GEOTEXTILE FILTER FABRIC.

ADDENDUM 1

GENERAL GRADING NOTE:

1. CROSS SLOPES ON SIDEWALKS AND RAMPS SHALL NOT EXCEED 2%.
2. SIDEWALKS ADJACENT TO THE BUILD SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE NOT TO EXCEED 2%.
3. FINISHED GRASSED/LANDSCAPED AREAS SHALL BE SLOPED AWAY FROM THE BUILDING.

CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

ADA PARKING AREAS SHALL NOT EXCEED 2% CROSS SLOPE IN ANY DIRECTION. THE DESIGNATED ADA PATH SHALL NOT EXCEED 2% CROSS SLOPE AND 5% LONGITUDINAL SLOPE IN ANY DIRECTION.

SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

1288	EXISTING GRADE LINES
1288	PROPOSED NEW GRADE LINES
	EXISTING BUILDING
	NEW FENCE
	NEW ASPHALT PAVING
	SURFACE FLOW ARROW
	FIBER ROLLS / SILT SOCK

+ 1265.5 PVT

NEW SPOT ELEVATIONS

LIST	ABBREVIATION
GRADE	NONE
SIDEWALK	SW
TOP OF WALL	TW
TOP OF CURB	TC
TOP OF PAVEMENT	PVT
NEW GRADE	GD
CONCRETE	CONC
EXISTING TOP OF CURB	ETC
EXISTING GRADE	EGD
EXISTING PAVEMENT	EPVT
EXISTING SIDEWALK	ESW
FLOW LINE	FL
TOP OF WALL	TOP

ADDENDUM 1

SHEET KEYNOTE LEGEND

C1 TAPER CURB DOWN AT 6H:1V
C2 TAPER TO FULL HEIGHT CURB.
C3 FLOW LINE OF EXISTING 30" ELLIPTICAL CMP PIPE IS ESTIMATED AND SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO ORDERING STORMWATER MATERIALS. JUNCTION BOX SHALL HAVE A 6" TALL BY 48" LONG OPENING AT ELEVATION 1156.2 ON THE EAST SIDE TO ACT AS AN INLET. REFER TO DETAILS.
C4 INSTALL PAVEMENT FLUSH WITH SIDEWALK
C5 INSTALL STORMWATER DITCH TO INTERCEPT ALL RUNOFF FROM THE NORTH. CHANNEL SHALL HAVE MINIMUM DEPTH OF 12" AND SIDE SLOPES OF 3H:1V.
C6 INSTALL OUTLET STRUCTURE. FL = 1148.0 REFER TO DETAILS.
C7 INSTALL NYOPLAST DRAIN BASIN (OR APPROVED EQUIVALENT) WITH SOLID LID. DIAMETER SHALL BE MINIMUM 24".
C8 REMOVE EXISTING CULVERTS AND DRIVEWAYS AND GRADE DITCH TO DRAIN.
C9 INSTALL NYOPLAST DRAIN BASIN (OR APPROVED EQUIVALENT) WITH 24" DIAMETER GRATE RATED FOR PEDESTRIAN TRAFFIC. CONNECT TO EXISTING PIPE. TOP ELEVATION = 1154.0.
C10 MATCH TO ROOF DRAIN. APPROXIMATE FL = 1150.5. INSTALL CLEAN OUT AT BEND. INSTALL 125 L.F. HDPE @ MINIMUM 0.9% SLOPE TO PROPOSED INLET. REFER TO PLUMBING PLANS FOR CONTINUATION INTO BUILDING.
C11 INSTALL 12" HDPE PIPE UNDER STAIRS.
C12 CONTRACTOR SHALL OBTAIN PERMIT FROM MODOT FOR WORK IN THE JACKSON STREET RIGHT OF WAY PRIOR TO CONSTRUCTION. CONTACT TERESA NIXON AT 417-766-3847.

ADDENDUM 1

EROSION KEY NOTES:

E1 PROVIDE CONSTRUCTION ENTRANCE. REFER TO DETAILS.
E2 PROVIDE FIBER ROLLS OR APPROVED EQUAL FOR PERIMETER SEDIMENT EROSION PROTECTION. REFER TO DETAILS.
E3 PROVIDE CURB INLET PROTECTION. REFER TO DETAILS. REMOVE ONCE PAVEMENT IS IN PLACE.
E4 PROVIDE SILT SOCK/HAYBALE CHECK DAM WITHIN NEWLY GRADED DITCH EVERY 100'. OR APPROVED EQUAL. REMOVE ONCE VEGETATION IS ESTABLISHED.
E5 INSTALL 5'X10' ROCK RIP RAP PAD. SEE NOTES.
E6 INSTALL ROCK CHECK DAM PER MODOT REQUIREMENTS.

KEY PLAN

hollis+miller architects
relationships • results
8205 W 108th Terrace
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f 913.451.0220
220 NW Executive Way
Lee's Summit, MO 64063
t 816.525.5600
f 816.525.3028
HOLLISANDMILLER.COM
Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 2000161
Structure # 2006031333

Anderson Engineering, Inc
Civil Engineering
State Certificate of Authority #000062
811 E. Third Street
Joplin, MO 64801
417.782.7399 phone
417.782.7398 fax

Smith & Boucher Engineers
Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority #
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

Ozark Junior High - South Parking Lot
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

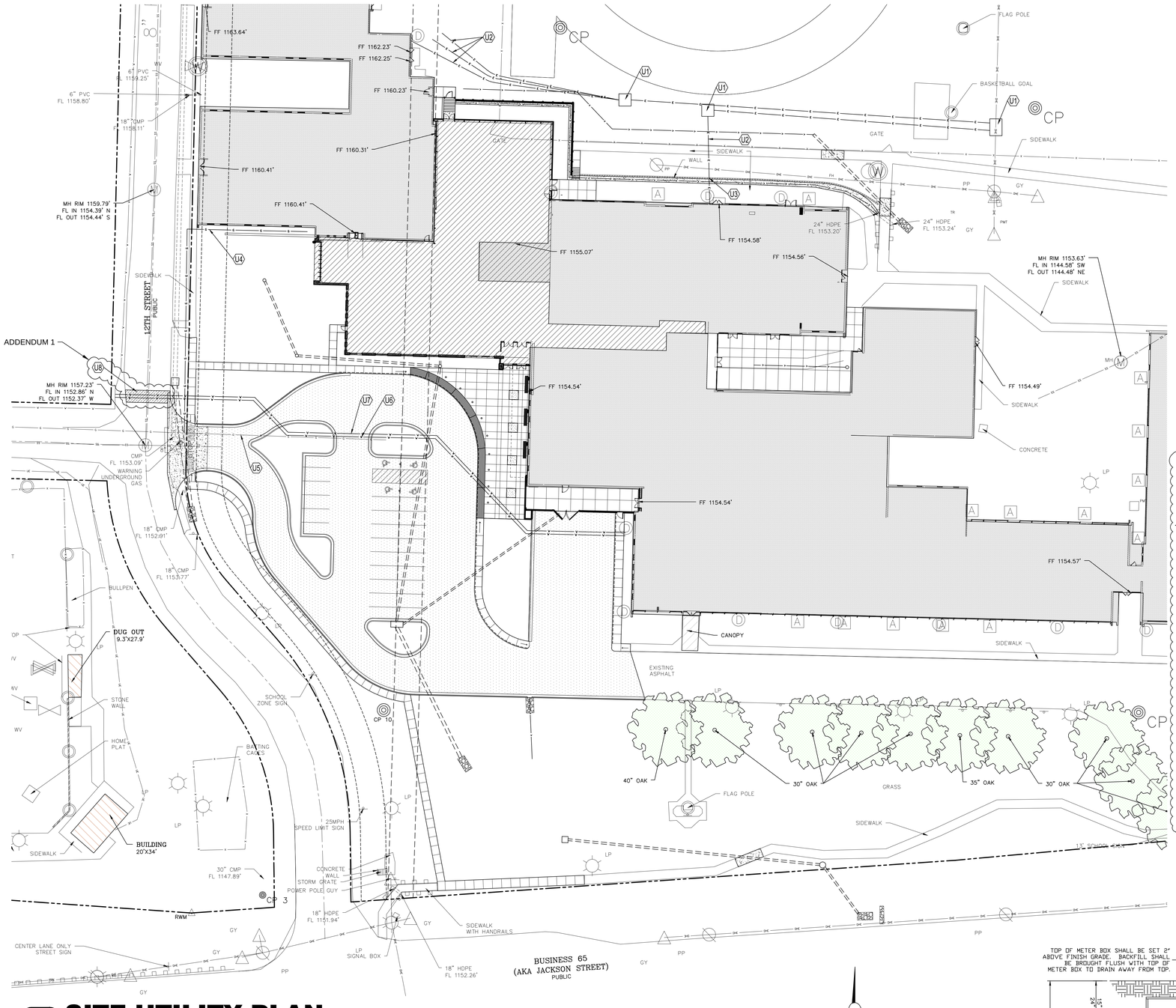
STATE OF MISSOURI BRYAN DOYLE NUMBER PE-2009019982 11-24-2015 PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDO
CHECKED BY: BDO
DATE: 11.10.2015

C101

_____ OF _____

SITE GRADING



1 SITE UTILITY PLAN

102

SCALE: 1" = 30'

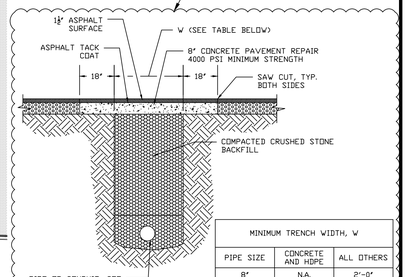
HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

GRID

CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

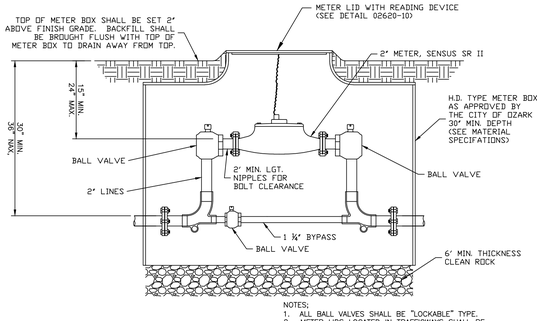


MINIMUM TRENCH WIDTH, W		
PIPE SIZE	CONCRETE AND HDPE	ALL OTHERS
8"	N.A.	2'-0"
10"	N.A.	2'-2"
12"	2'-10"	2'-4"
15"	3'-2"	2'-7"
18"	3'-8"	2'-10"
21"	4'-0"	3'-2"
24"	4'-6"	3'-6"
30"	5'-2"	4'-2"
36"	5'-8"	4'-8"
42"	6'-3"	5'-4"
48"	6'-10"	5'-10"

MAXIMUM TRENCH WIDTH, W, ALLOWABLE IS EQUAL TO MINIMUM TRENCH WIDTH PLUS 6"

NOTES:
1. THE WIDTH OF THE TRENCH SHALL BE HELD AS NEARLY AS POSSIBLE TO THE MINIMUM TRENCH WIDTH SPECIFIED HEREIN, FOR THE COMPLETE DEPTH OF TRENCH
2. BACKFILL SHALL BE WELL GRADED CRUSHED STONE ¾" TO 1" WITH LESS THAN 5% PASSING THE #4 SIEVE
3. BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR (ASTM D698) IN 8" MAX. LOOSE LIFTS
4. BACKFILL TO EXTEND 2' BEYOND EDGE OF STREET
5. TRENCH GREATER THAN 5 FEET IN DEPTH SHALL BE SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED PER OSHA AND LOCAL ORDINANCES

PAVEMENT CUT REPAIR
SCALE: NOT TO SCALE



NOTES:
1. ALL BALL VALVES SHALL BE "LOCKABLE" TYPE.
2. METER LIDS LOCATED IN TRAFFICWAYS SHALL BE ENCASED IN 4" MINIMUM THICKNESS CONCRETE, FLUSH WITH DRIVING SURFACE AND WITH AN OUTER DIAMETER GREATER THAN THE METER BOX DIAMETER.

WATER METER
SCALE: NOT TO SCALE

SHEET KEYNOTE LEGEND

U1 PRIMARY SERVICE BY ELECTRIC COMPANY. CONTRACTOR SHALL INSTALL REQUIRED PADS AND CONDUIT. COORDINATE REQUIREMENTS AND LOCATION WITH ELECTRIC COMPANY AND ELECTRIC PLANS.

U2 ELECTRIC SERVICE LINE. REFER TO ELECTRIC PLANS.

U3 REMOVE EXISTING SEGMENTAL BLOCK WALL TO INSTALL ELECTRIC SERVICE. REPLACE BLOCK WALL USING EXISTING OR NEW, MATCHING BLOCK.

U4 GAS SERVICE AND METER BY GAS UTILITY. EXACT ROUTE TO BE DETERMINED BY GAS UTILITY. REFER TO PLUMBING PLAN FOR CONTINUATION INTO BUILDING.

U5 EXISTING GAS SERVICE TO ABANDONED OR REMOVED. COORDINATE WITH GAS UTILITY.

U6 INSTALL 3" SDR 9 ASTM D2666 WATER SERVICE LINE PER CITY STANDARDS. CONTRACTOR SHALL WET TAP WATER MAIN AND INSTALL METER PIT NEAR WATER MAIN. COORDINATE METER LOCATION WITH CITY. COORDINATE WITH PLUMBING PLANS. MAINTAIN MINIMUM 42" COVER OVER PIPE.

U7 INSTALL 6" CLASS 800 PVC FIRE LINE PER CITY STANDARDS. CONTRACTOR SHALL WET TAP WATER MAIN. COORDINATE TAP LOCATION WITH CITY. INSTALL THRUST BLOCKING AT ALL BENDS PER CITY REQUIREMENTS. COORDINATE WITH PLUMBING PLANS. MAINTAIN MINIMUM 42" COVER OVER PIPE.

U8 REPAIR PAVEMENT. REFER TO DETAIL.

ADDENDUM 1

KEY PLAN

hollis + miller architects
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8205 W 108th Terrace
Overland Park, KS 66210
v 913.451.8886
f 913.451.0220

220 NW Executive Way
Lee's Summit, MO 64063
v 816.525.5600
f 816.525.3028

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Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 2000161
Structure # 2006031333

Anderson Engineering, Inc
Civil Engineering
State Certificate of Authority #000062
811 E. Third Street
Joplin, MO 64801
417.782.7399 phone
417.782.7398 fax

Smith & Boucher Engineers
Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority #
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

Ozark Junior High - South Parking Lot
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

STATE OF MISSOURI
BRYAN DOYLE OSBORN
NUMBER
PE-2009018766
11-24-2015
PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDO
CHECKED BY: BDO
DATE: 11.10.2015

C102

_____ OF _____

SITE UTILITY

1 SITE DEMOLITION PLAN

C100 *SCALE: 1" = 30'*

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

GRID

DEMOLITION NOTES:

1. THE GENERAL DESCRIPTION OF THE DEMOLITION WORK IS TO FURNISH ALL EQUIPMENT, LABOR, LAYOUTS OF WORK FEATURES, AND SUPERVISION NEEDED TO DEMOLISH AND DISPOSE ALL DEMO MATERIALS.
2. UNLESS INDICATED TO REMAIN ON THIS SHEET OR OTHER SHEETS, ALL IMPROVEMENTS WITHIN THE INDICATED LIMITS OF DEMOLITION SHALL BE DEMOLISHED. THIS INCLUDES BUT IS NOT LIMITED TO ALL TREES, FOOTINGS, FOUNDATIONS, PAVEMENTS, SEPTIC SYSTEMS, AND SITE UTILITIES.
3. ANY EXISTING WELLS NOT INDICATED TO REMAIN SHOULD BE CAPPED ACCORDING TO COUNTY AND MISSOURI DNR REGULATIONS.
4. THE CONTRACTOR SHALL DOCUMENT THE CURRENT CONDITIONS OF ALL ROADWAYS, SIDEWALKS AND ALL STRUCTURES TO REMAIN IN THE DEMOLITION AREA.
5. THE WORK INCLUDES CAPPING AND PLUGGING OF UTILITIES, WITH ALL EQUIPMENT, MATERIALS, AND LABOR IN ACCORDANCE WITH LOCAL REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR DISCONNECTION OF ALL UTILITIES, PLUGGING OF SEWER TAPS, AND REMOVING SEPTIC TANKS. DISCONNECTION OF ALL UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR WITH THE APPROPRIATE LOCAL SERVICE PROVIDER. THE CONTRACTOR SHALL CONTACT THE LOCAL UTILITY COMPANIES PRIOR TO COMMENCING WORK TO COORDINATE TERMINATION OF GAS, WATER, ELECTRIC, PHONE, CABLE TV, AND ANY OTHER UTILITY SERVICES TO THE PROPERTY LINE. SEWER TAPS SHALL BE PLUGGED AT THE PROPERTY LINE WITH SCREW TYPE EXPANDING PLUG INSERTS OR OTHER MEANS APPROVED BY THE LOCAL SEWER AUTHORITY, TO PREVENT INTRUSION OF GROUND WATER INTO THE EXISTING SEWER SYSTEM. ANY UTILITIES UNDER PROPOSED BUILDING OR PAVEMENT AREAS SHALL BE COMPLETELY REMOVED OR ABANDONED IN PLACE AND FILLED WITH CONCRETE GROUT.
6. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETE DEMOLITION AND REMOVAL OF ALL IMPROVEMENTS UNLESS OTHERWISE NOTED. ALL DEMOLITION DEBRIS SHALL BE TAKEN TO AN APPROVED DUMP SITE. ANY BASEMENTS OR CRAWL SPACES SHALL BE FILLED IN ACCORDANCE TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
7. NO EXPLOSIVES WILL BE PERMITTED.
8. THE USE OF BURNING AT THE PROJECT SITE FOR DEMOLITION OR THE DISPOSAL OF REFUSE AND DEBRIS WILL NOT BE PERMITTED.
9. ALL MISSOURI DNR, EPA AND OSHA REGULATIONS MUST BE COMPLIED WITH DURING DEMOLITION AND DISPOSAL.
10. THE CONTRACTOR SHALL USE EQUIPMENT AND PERFORM WORK IN A MANNER TO PREVENT DAMAGES TO SENECA SCHOOLS INFRASTRUCTURE FACILITIES AND ADJACENT PROPERTIES AND RIGHT-OF-WAYS.
11. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO NEIGHBORING PROPERTIES. THE CONTRACTOR SHALL PROTECT ALL FIRE HYDRANTS AND ALL UTILITIES ADJACENT TO THE LIMITS OF DEMOLITION DURING WORK OPERATIONS. ANY DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED AS APPROVED BY THE OWNER, AS A NON-REIMBURSABLE EXPENSE OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL COMPLY WITH ANY ENVIRONMENTAL LAWS, REGULATIONS, CONDITIONS OR INSTRUCTIONS DURING THE PERFORMANCE OF ANY WORK UNDER THIS CONTRACT AND SAME ARE INCORPORATED AS PART OF THIS CONTRACT. THE CONTRACTOR SHALL USE ALL REASONABLE MEANS AVAILABLE TO PROTECT THE ENVIRONMENT AND NATURAL RESOURCES AND WHERE DAMAGE OCCURS THE CONTRACTOR SHALL BE LIABLE TO RESTORE THE DAMAGED PREMISES.
13. THE CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY HISTORICAL, ARCHEOLOGICAL, ARCHITECTURAL OR OTHER CULTURAL ARTIFACT, RELIC, REMAINS OR OBJECTS. ALL ITEMS HAVING ANY APPARENT HISTORICAL OR ARCHAEOLOGICAL INTEREST WHICH ARE DISCOVERED SHALL BE CAREFULLY PRESERVED. THE CONTRACTOR SHALL LEAVE THE ARCHAEOLOGICAL FIND UNDISTURBED AND IMMEDIATELY REPORT THE FIND TO SENECA SCHOOLS AUTHORIZED AGENT SO THAT THE PROPER AUTHORITIES MAY BE NOTIFIED.

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Ozark Junior High - South Parking Lot
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

STATE OF MISSOURI
BRYAN DOYLE
DOUGHERTY
NUMBER
PE-2009-0182
11-24-2015
PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDD
CHECKED BY: BDD
DATE: 11.10.2015

C104

____ OF ____

SITE DEMOLITION

C. Foundations

1. Geotechnical Report
   a. Read and be familiar with all aspects of the Geotechnical Engineering Report which was prepared by Anderson Engineering INC August 11,2015 Project #60047-15

2. Spread Footings, Trench Footing and Grade Beams
   a. All shallow foundations have been designed to bear on undisturbed soil or engineered Fill for a net allowable bearing pressure of 1500 psf. See note in detail at high wind area for required soil bearing pressures

3. All structural concrete utilized for the purpose of retaining soil shall attain full design strength prior to any backFill being placed against the concrete.

4. Side forms for trenched foundations are not required.

D. Concrete

1. All concrete and reinforcing details shall conform to ACI 318-11 and CRSI "Manual of Standard Practice".

2. Strength - The following areas shall have a minimum 28 day compressive strength:
   a. Interior flatwork concrete: 4000 psi
   b. Exterior flatwork concrete: 4000 psi
   c. Footing and grade beams: 3000 psi

3. No water may be added to the concrete mix on the job site unless specifically withheld at the batch plant. The workability should be attained through the use of water-reducing agents and/or super-plasticizing chemical admixtures.

4. Reinforcing
   a. Grade
      1. Typical reinforcing ASTM A615, Grade 60
      2. Welded reinforcing ASTM A706
   b. Lap splices and development lengths in reinforcement shall be 48 bar diameters unless indicated elsewhere in the drawings and specifications. Lap welded wire reinforcing one full mesh space plus 2 inches.
   c. Welded Wire Reinforcing ASTM A185
      1. All welded wire reinforcing for slab on grade shall be supported on metal chairs specifically designed for soil bearing conditions. Pulling reinforcing up during concrete placement is not allowed.
   d. All concrete shall be reinforced unless specifically identified on the drawings as unreinforced. Reinforce sections with similar conditions located elsewhere on the project.
   e. All synthetic and steel fiber reinforcement shall be considered secondary reinforcing only.

5. Concrete cover shall be the following.
   a. Concrete cast against and exposed to earth 3"
   b. Concrete exposed to weather #5 and smaller 1 ½"
   c. Concrete exposed to weather #6 and larger 2"
   d. Concrete not exposed to weather or earth
      1. Slabs, wall and joist ¾"

6. All openings in slabs, walls, foundations, etc. shall have an additional 2-#5's on each side, in each corner of the opening and each face of the member. Extend reinforcing 2'-6" beyond edge of opening.

7. Aluminum items shall not be embedded in concrete.

8. House keeping pads and toppings slabs shall be reinforced with WWR 6x6-2.1x2.1, unless indicated elsewhere in the drawings and specifications.

E. Pre-Cast Concrete

1. All pre-cast design, detailing and connections shall be in accordance with the recommendations of PCI.

2. All pre-cast members shall have a minimum concrete strength of 5000 psi at 28 days.

3. Post tensioning strands shall be 270 ksi low relaxation strands.

4. All pre-cast design, including panel to panel connections and connections to the structure shall be the responsibility of the Contractor. Calculations shall be prepared and submitted along with shop drawings for review. All calculations shall be signed and sealed by a registered, professional engineer licensed in the State of the project. It is preferable that the calculations be well organized and indexed for ease of review.

A. Building Code

1. The design and construction shall conform to the 2012 International Building Code (IBC) as amended by the City of Ozark, Missouri.

B. Design Loads - Nominal

1. This project is designed to resist the most critical loads resulting from the basic load combinations outlined in section 1605 of the code.

2. Dead Loads
   a. The roof mounted equipment weights used for design are indicated on the contract documents. The Contractor shall submit actual weights for all roof mounted equipment for review by the Engineer.
   b. Total service roof dead load: 25 psf.
   c. Total Double-Tee dead load: 125 psf (Double Tee Self Wt + Insulation).

3. Live Loads
   a. Code Loads
      1. Roof 30 psf
      2. Double Tee 100psf
   b. Live load reduction has not been utilized.

4. Tornado Shelter wind (Precast) in accordance with ICC 500-08:
   a. Basic wind speed V3S=250 mph
   b. Risk Category IV
   c. Exposure Factor C
   d. Internal Pressure Coifficient ±0.55
   e. Components & Cladding Force per code
   f. Diagram Factor 1.0
   g. Directional Factor 0.85

5. Wind - The wind load is in accordance with ASCE 7-10 with the following criteria:
   a. Basic wind speed V3S=120 mph
   b. Risk Category III
   c. Exposure Factor C
   d. Internal Pressure Coifficient ±.18
   e. Components & Cladding Force per code

6. Snow - The snow load is in accordance with ASCE 7-10 with the following criteria:
   a. Ground snow load pg=20 psf,
   b. Exposure Factor Ce=0.9
   c. Importance Factor Is=1.10
   d. Thermal factor Ct=1.0

7. Seismic Precast shelter - The seismic design is in accordance with the general building code with the following criteria:
   a. Importance Factor Ie=1.25
   b. Risk Category III
   c. 0.2 sec Spectral Response Acceleration Ss=20.7%
   d. 1.0 sec Spectral Response Acceleration S1=10.4%
   e. Soil Site Class D
   f. Design 0.2sec Spectral Response Acceleration Sds=22.1%
   g. Design 1.0sec Spectral Response Acceleration Sd1=14.5%
   h. Seismic Design Category C
   i. Basic Seismic Force Resisting System Intermediate Precast Shear Wall
   j. Design Base Shear 126 k kips
   k. Seismic Response Coefficient Cs=0.07
   l. Response Modification Coefficient R=4.0
   m. Analysis Procedure Equivalent Lateral Force

8. Seismic - The seismic design is in accordance with the general building code with the following criteria:
   a. Importance Factor Ie=1.25
   b. Risk Category III
   c. 0.2 sec Spectral Response Acceleration Ss=20.7%
   d. 1.0 sec Spectral Response Acceleration S1=10.4%
   e. Soil Site Class D
   f. Design 0.2sec Spectral Response Acceleration Sds=22.1%
   g. Design 1.0sec Spectral Response Acceleration Sd1=14.5%
   h. Seismic Design Category C
   i. Basic Seismic Force Resisting System Steel systems not specifically detailed for seismic
   j. Design Base Shear 46 kips
   k. Seismic Response Coefficient Cs=0.09
   l. Response Modification Coefficient R=3.0
   m. Analysis Procedure Equivalent Lateral Force

F. Masonry

1. All masonry design and detailing shall be in accordance with the recommendations of TMS 402/ACI 530.

2. Materials
   a. Design strength f'm = 2500 psi

3. Minimum reinforcing for 8" and 12" non-load bearing masonry shall be (1)#4 at 48" on center minimum. Reference the Architectural drawings for location of all non-load bearing walls.

4. Control joints in all masonry shall be at 20 feet maximum on center unless indicated elsewhere in the drawings and specifications. All horizontal joint reinforcement shall be discontinuous at vertical control joints. All horizontal reinforcement in bond beams shall be continuous through vertical control joints. Reference Architectural plans and elevations for joint location and typical details.

5. All CMU shall be running bond unless otherwise noted in the contract documents.

6. When stacked bond is used for wall framing, the Contractor shall provide a continuous bond beam at 4'-0" on center vertically, reinforced with 1-#4 continuous.

7. Reinforcement Details
   a. Rebar positioners shall be used for all reinforcing and all vertical cells should be free of debris and excess mortar such that a minimum space of 3" by 3" is maintained to ease the placement of grout.
   b. Lap splices shall be 48 bar diameters minimum unless indicated elsewhere in the drawings and specifications.
   c. Locate wall reinforcing at jambs, ends of walls and each side of control joints. Reference typical details for additional reinforcing information.
   d. Reinforcing shall be placed prior to grouting.

8. Grout shall be consolidated by means of mechanical vibration unless self-consolidating grout is used.

9. Grout solid all units below grade and below finish floor.

G. Structural Steel

1. All steel fabrication and erection shall be in accordance with the requirements and recommendations of the American Institute of Steel Construction (AISC) Manual of Steel Construction, 14th edition
   a. Steel design shall be per Allowable Stress Design or Load and Resistance Factor Design as outlined by AISC.

2. Grade
   a. Steel W and WT-shapes ASTM A992 or ASTM A572, Gr. 50
   b. Channels, angles and plates ASTM A36
   c. Square hollow structural shapes ASTM A500, Grade B (46 ksi)
   d. Connection material ASTM A36

3. Connections
   a. Connection design shall be based on reactions listed on the drawings and specifications. Minimum connection reaction shall be 10 Kips unless noted otherwise. All gravity and lateral loads noted in the drawings are service level loads.
   b. All connection design calculations shall be signed and sealed by a licensed, professional engineer licensed in the State of the project.
   c. All bolted lateral bracing connections (beams, columns, and bracing) shall be designed as slip critical connections.
   d. It is the preference of the Engineer of record to have shop welded, field bolted connections unless shown otherwise on the drawings.
   e. All beam to column connections to be designed for a minimum of 5 kips Axial, TYP

4. Anchor Rods
   a. Anchor rods shall conform to ASTM F1554, Grade 55.
   b. Steel or plywood templates shall be used for all anchor rod placement in concrete and masonry.

5. Thermal cutting is not allowed in the field.

6. The contractor shall supply all miscellaneous steel as required by the contract documents. Miscellaneous steel shall include, but is not limited to, shelf angle, glass support, lintels, catwalks and other steel required for stabilization of architectural elements.

H. Open Web Joist

1. Open web steel joist shall be designed, fabricated and erected in accordance with the latest recommendations of Steel Joist Institute (SJI).

2. Following are the minimum end bearing and weld requirements when an open web steel joist bears on structural steel:
   a. K-series - 2 ½" bearing with a 3/16"x2" Fillet weld each side of the joist seat.
   b. LH-series - 4" bearing with a 1/4"x2½" Fillet weld each side of the joist seat.

3. Following are the minimum end bearing requirements when an open web steel joist bears on load bearing CMU:
   a. K-series - 4" bearing on an embed plate located not more than ½" from the face of the wall. Weld the joist to the embed plate with a 3/16"x2" Fillet weld each side of the joist seat.
   b. LH-DLH-series - 4" bearing on an embed plate located not more than ½" from the face of the wall. Weld the joist to the embed plate with a 1/4"x2½" Fillet weld each side of the joist seat.

4. All joists, joist girders and joist accessories shall be designed for a net uplift of 35 psf in the corners, 27 psf at the edges and 17 psf in the field of the building. Edge zone = 6 feet

5. All components and cladding wind pressures are strength level

I. Steel Deck

1. Steel roof and floor deck shall be designed, fabricated and erected in accordance with the recommendations of the latest edition of Steel Deck Institute (SDI) Manual.

2. Roof diaphragm shear connections shall be minimum 5/8" puddle welds at 12" on center with 3-#10 TEK screw in nested side laps. The Contractor shall verify the diaphragm shear connection design with the diaphragm shear loads provided on the plans.

3. Crimped or button punched side lap fastening is not allowed for any roof deck or floor deck.

4. All roof deck shall be designed for a net uplift of 40 psf in the corners, 32 psf at the edges and 22 psf in the field of the building. Edge zone = 6 feet

5. All components and cladding wind pressures are strength level

J. Post Installed Anchors

1. All post installed anchors shall be installed per the manufactures recommendations.
   a. Install expansion anchors per the manufactures recommended standard embedment unless otherwise noted in the contract documents.
   b. The embedment of all post installed anchors shall be defined as the distance from the surface of the loaded material and the deepest part of the anchor after the anchor is placed but not expanded.

2. All expansion anchors shall perform to a minimum load capacity of the Hilti Kwik Bolt 3 or approved equal.

3. All adhesive anchors embedded in concrete shall perform to a minimum load capacity of the Hilti HIT HY-200 MAX Adhesive Anchors.

4. #3 with solid grouted masonry and HY-70

5. All anchors shall be stainless steel at exterior exposed conditions.

K. Cold Formed Steel

1. All cold formed steel framing shall be designed, fabricated and erected in accordance with the recommendations of latest American Iron and Steel Institute (AISI) Specification.

2. All cold formed steel indicated in these contract documents have been referenced by the Steel Stud Manufacturers Association (SSMA) nomenclature.

3. Wall bridging shall be installed at 4'-0" on center maximum.

4. Top and bottom tracks shall match the wall stud thickness and depth.

5. All welding shall conform to latest AWS D1.3.

6. Pre-drill holes for all screws which are not self-tapping.

7. All lapped, screwed connections shall be made with a minimum of 4-#12-14 screws or the equivalent weld unless noted otherwise.

8. All screwed connections shall provide for a minimum of ½" edge distance and spacing. All screws shall be completely installed such that the plies of metal being connected are tight to one another.

9. All floor and roof framing shall align with the wall stud below.

10. Joist blocking shall be spaced at 8'-0" maximum.

11. Composite design of sheathing and wall studs is not allowed.

12. All framing members shall be cut square such that they fit tight at all perpendicularconnections.

13. Field splices of structural cold formed members are not allowed.

14. Field splices of structural light gage members are not allowed.

F. Miscellaneous

1. Site visits will be made by representatives of Hollis and Miller Architects in order to establish the general conformance of the construction to the contract documents. Observations by the Engineer shall not be considered inspections and in no way relieves the Contractor of any requirements of the contract documents.

2. Stability of the structure during construction, including load bearing and non-load bearing masonry walls, is the responsibility of the Contractor. The Engineer is responsible for the stability of the completed structure only.

3. Conflict between the Architectural and Structural Drawings shall be brought to the attention of the Architect and Engineer immediately. When conflicts occur between the drawings and the specifications, the strictest interpretation shall govern.

4. The Engineer shall not be in control of, have charge of, or be responsible for the construction means and methods. The contractor is solely responsible for all construction means, methods, procedures, techniques and job sequence.

5. Typical details are intended to represent typical conditions for the entire project. Typical details may or may not be indicated on plans

6. All existing field and building conditions shall be verified by the Contractor before any other work shall begin. Coordinate with Engineer of Record regarding any discrepancy with existing building dimensions.

7. Submittals
   a. Submittals are to be based upon the latest submitted contract documents. This includes all addendums, Architectural Supplemental Instructions (ASIs) and Structural Supplemental Drawings (SSDs) and Requests for Information (RFIs)
   b. Submittals shall be original documents. Shop drawings shall not be a duplication, in any way of the contract documents. This includes, but is not limited to, photocopies, electronic drawing copying or electronic scanning. Any submitted shop drawing that is not original will be rejected and returned without review.
   c. Prior to submission of the submittals to the Architect, the Contractor shall review the shop drawings for conformance to the means, methods, techniques, sequences and operations of construction. The Contractor's review stamp shall be affixed to all shop drawings prior to Architect or Structural Engineer review. Shop drawings not bearing the Contractor's review stamp will be returned without review.
   d. Design Calculations - All calculations shall be signed and sealed by a professional engineer licensed in the State of the project. Provide the following design calculations for review:
      1. Structural Steel connections
      2. Cold formed steel framing - exterior wall and load bearing
      3. Structural and Architectural Pre-Cast Concrete.
   e. Submittals - Provide the following submittals for review:
      1. Concrete Mix Design and Materials
      2. Concrete Reinforcing
      3. Embedded items (plates, angles, etc.)
      4. Structural Pre-Cast Concrete
      5. Masonry Products and Materials
      6. Masonry Reinforcing
      7. Structural Steel
      8. Miscellaneous Steel including lintels, stairs, etc.
      9. Open Web Steel Joist
      10. Metal Deck
   f. Substitutions are allowed prior to bid only. Reference the specifications for timing of submission

G. Special Inspections (based on 2012 IBC, Chapter 1704)

1. Special Inspection reports shall be submitted to the Building Official, Owner, Architect, Engineer, Contractor, Sub-Contractor and any other pertinent entity in a timely manner.

2. All discrepancies found by the special inspector shall immediately be brought to the attention of the general contractor and corrected. If the contractor is unable to correct the discrepancy, the special inspector shall notify the Architect and Engineer.

3. Upon completion of the project, the special inspector shall submit a final report delineating that the work was, to the best of the inspector's knowledge, completed in conformance with the approved contract documents and applicable building code.

4. The Owner shall retain special inspection services for the items listed below. The Contractor shall provide light gerneral labor as required to assist with special inspections.

5. Foundations
   a. Bearing capacity
   b. Bearing elevation

6. Concrete
   a. Reinforcing steel placement
   b. Embedded items in concrete
   c. Concrete placement technique
   d. Sampling of fresh concrete

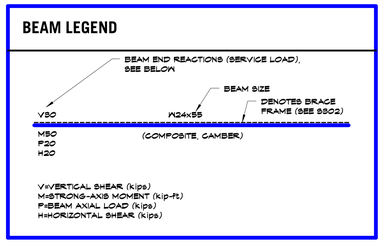
7. Pre-Cast Concrete and Tilt-up Concrete
   a. Pre-Cast and Tilt-up connections

8. Masonry
   a. Reinforcing steel placement
   b. Sampling of fresh grout and mortar
   c. Grout placement technique
   d. Level 1 special inspection required

9. Steel (includes structural steel, joist, deck and anchor rod placement)
   a. Periodic
      1. Single-pass fillet welds not exceeding 5/16 inch in size.
      2. Floor and roof deck attachment
      3. Headed stud anchors
      4. Welding of stairs and railing systems
      5. High strength bolts
   b. Continuous
      1. Partial and full penetration welds.
      2. All other welding not covered in periodic inspections.

10. Post Installed Anchors

BEAM LEGEND



SCHEDULE NOTES

BASE PLATE DETAILS PER E1B/S500

ANCHOR ROD DETAILS PER A1B/S500

ABBREVIATIONS

A	
AFF	above Finish Floor
ADDL	additional
ALT	alternate
ARCH	architect
AR	anchor rod
B	
BLDG	building
BM	beam
BOT	bottom
BRG	bearing
BTWN	between
C	
C	compression
CANT	cantilever
CL	center line
CLR	clear
CIP	cast in place
CJ	control joint
CJP	complete joint penetration
COL	column
CMU	concrete masonry unit
CONC	concrete
CONN	connection
CONST JT	construction joint
CONT	continuous
D	
D	dead load
db	bar diameter
DBA	deformed bar anchor
DTL	detail
DIA	diameter
DIM	dimension
DL	dead load
DN	down
DWG	drawing
DWL	dowel
E	
E	seismic load
E	modulus of elasticity
EA	each
EF	each face
EXP JT	expansion joint
ELEV	elevation
ENGR	engineer
EQ	equal
EW	each way
EXIST	existing
EXT	exterior
F	
FB	field bend
FD	floor drain
FF	finish floor
FIN	finish
FND	foundation
FLR	floor
FTG	footing
FB	far side
FV	field verify
G	
GA	gauge
GB	grade beam
GALV	galvanized
H	
HORZ	horizontal
HSA	headed stud anchor
HSS	hollow structural section
HT	height
I	
IF	inside face
INT	interior
J	
JBT	joist
JT	joint
K	
K	kip (1000 lbs)
KSF	kips per square foot
KSI	kips per square inch
L	
L	angle
L	live load
LBS	pounds
ld	development length
LL	double angle
LLBB	long leg back to back
LLH	long leg horizontal
LLV	long leg vertical
LWT	light weight
M	
MAX	maximum
MECH	mechanical
MEP	mechanical/electrical/plumbing
MEZZ	mezzanine
MFR	manufacturer
MIN	minimum
MIR	mirror
MISC	miscellaneous
N	
NC	not in contract
NS	near side
NTS	not to scale
NWT	normal weight
O	
OF	outside face
OC	on center
OPNG	opening
OPP	opposite
P	
PAF	powder actuated fastener
PC	precast
PCF	pounds per cubic foot
PEN	penetration
PL	plate
PLF	pounds per linear foot
PSF	pounds per square foot
PSI	pounds per square inch
PT	point
R	
R	radius
RE	reference
REINF	reinforcement or reinforcing
REQD	required
REV	revision
RTU	roof top unit
S	
S	snow load
SC	slip critical
SCHED	schedule
SECT	section
SHT	sheet
SIM	similar
SPA	spacing
SPEC	specification
SQ	square
STD	standard
STIF	stiffener
STL	steel
SYM	symmetrical
T	
t	thickness
T	tension
THRD	threaded rod
TO	top of
TOC	top of concrete
TOM	top of masonry
TOS	top of steel
TOW	top of wall
TYP	typical
U	
UNO	unless noted otherwise
V	
VAR	varies
VERT	vertical
W	
W	with
WL	wind load
WP	work point
WT	weight
WWR	welded wire reinforcing
Y	
YD	cubic yard

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BID DOCUMENTS

Ozark Junior High Addition & Renovations

Ozark R-VI School District

1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI
JOHN E. FUNK
NUMBER E-2000173299
PROFESSIONAL ENGINEER
11/11/15

John E. Funk
E-2000173299

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DATE: 11.11.2015

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OF

GENERAL NOTES

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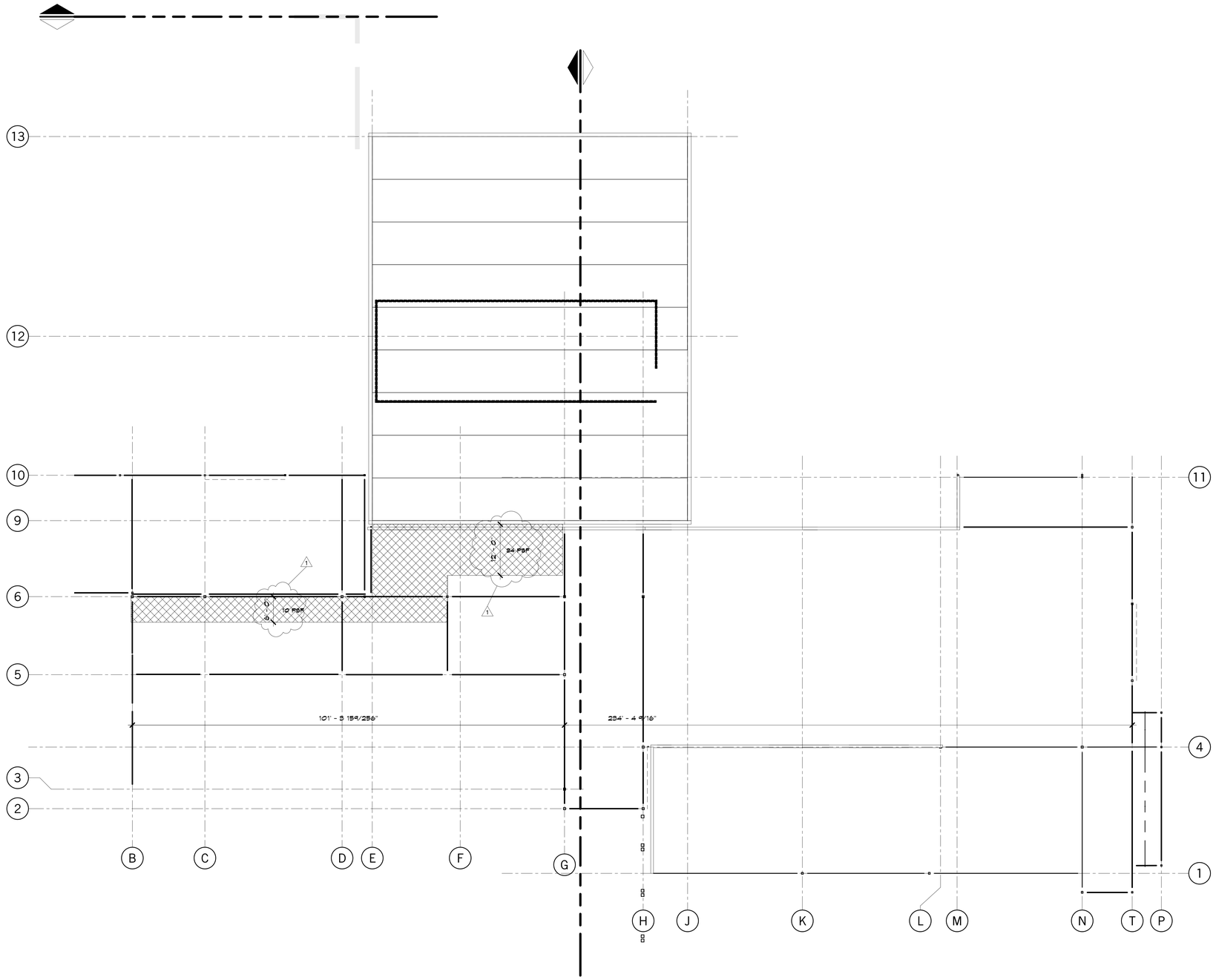

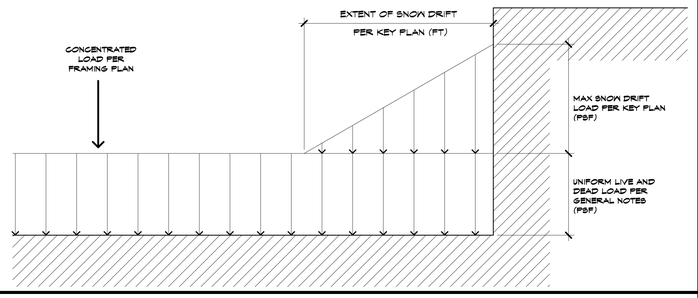

SNOW DRIFT PLAN NOTES

(A) JOIST HAVE BEEN SELECTED BASED ON THE UNIFORM LIVE AND DEAD LOAD NOTED IN THE GENERAL NOTES. ALL ADDITIONAL LOADS (SNOW DRIFT, OPERABLE WALL, BASKETBALL GOALS, ETC.) ARE TO BE ADDED TO BASE LOAD DESIGN

A1 Scale 3/32" = 1'-0" — Snow Drift Plan

NORTH

SHEET KEYNOTE LEGEND

hollis + miller architects relationships ◎ results

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BID DOCUMENTS

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Ozark R-VI School District
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PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI — JOHN E. FUNK — NUMBER E-2000173299 — PROFESSIONAL ENGINEER
11/11/15

John E. Funk
E-2000173299

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SNOW DRIFT PLAN

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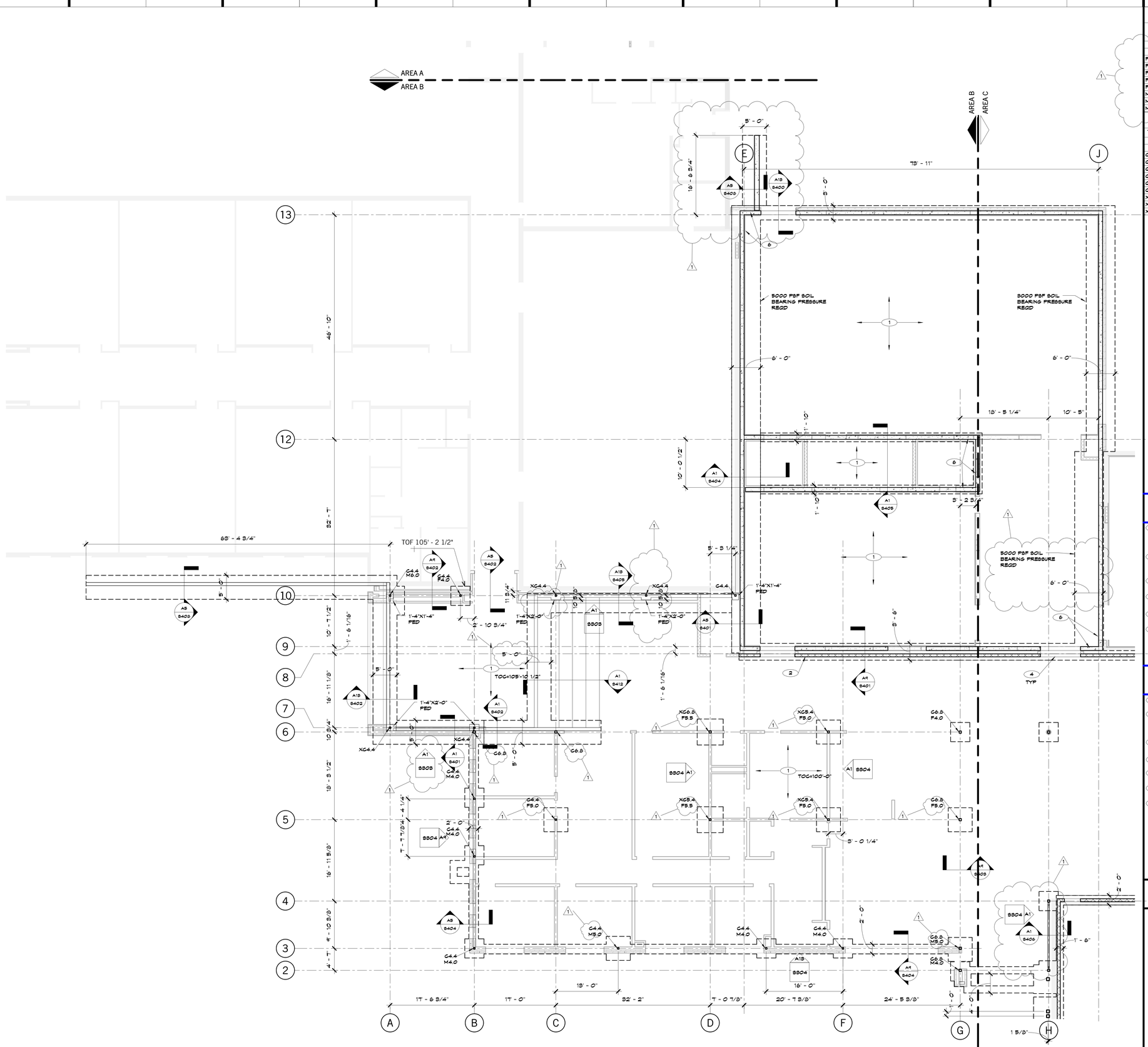


Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EA
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EA
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EA
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-8"	4-#5	TOP & BOT EA
M5.0	5'-0 x 5'-0 x 2'-8"	5-#6	TOP & BOT EA
M6.0	6'-0 x 6'-0 x 2'-8"	6-#6	TOP & BOT EA

Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	B/4X10X10
C5.4	HSS5x5x1/4	AR-1	B/4X11X11
C6.4	HSS6x6x1/4	AR-1	B/4X12X12
C6.6	HSS6x6x5/8	AR-2	1 1/4X15X15
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C8.10	HSS8x8x5/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1x10x19
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
3. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S800
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

A. TOP OF FOOTING ELEVATION = 98'-4" UNO

B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL J6/S800 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S800

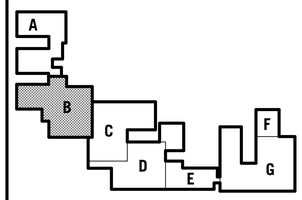
D. GRIDS INDICATE INSIDE FACE OF CMU WALL

E. ALL GRADE BEAMS ARE CENTERED ON INTERIOR CMU WALLS UNO

F. REFERENCE ARCHITECTURAL FOR EXTENT AND ELEVATION OF BRICK LEDGER

G. SLOPE SLAB TO FLOOR DRAIN. LOCATE PER PLUMBING

KEY PLAN



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Smith & Boucher Engineers
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State Certificate of Authority #
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
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BID DOCUMENTS

Ozark Junior High Addition & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI
JOHN E. FUNK
NUMBER E-2000173299
REGISTERED PROFESSIONAL ENGINEER
11/11/15

John E. Funk
E-2000173299

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CHECKED BY: DBH
DATE: 11.11.2015

S102

OF

AREA B FOUNDATION PLAN

A1 | Scale 1/8" = 1'-0" | Foundation Plan - Area B

NORTH

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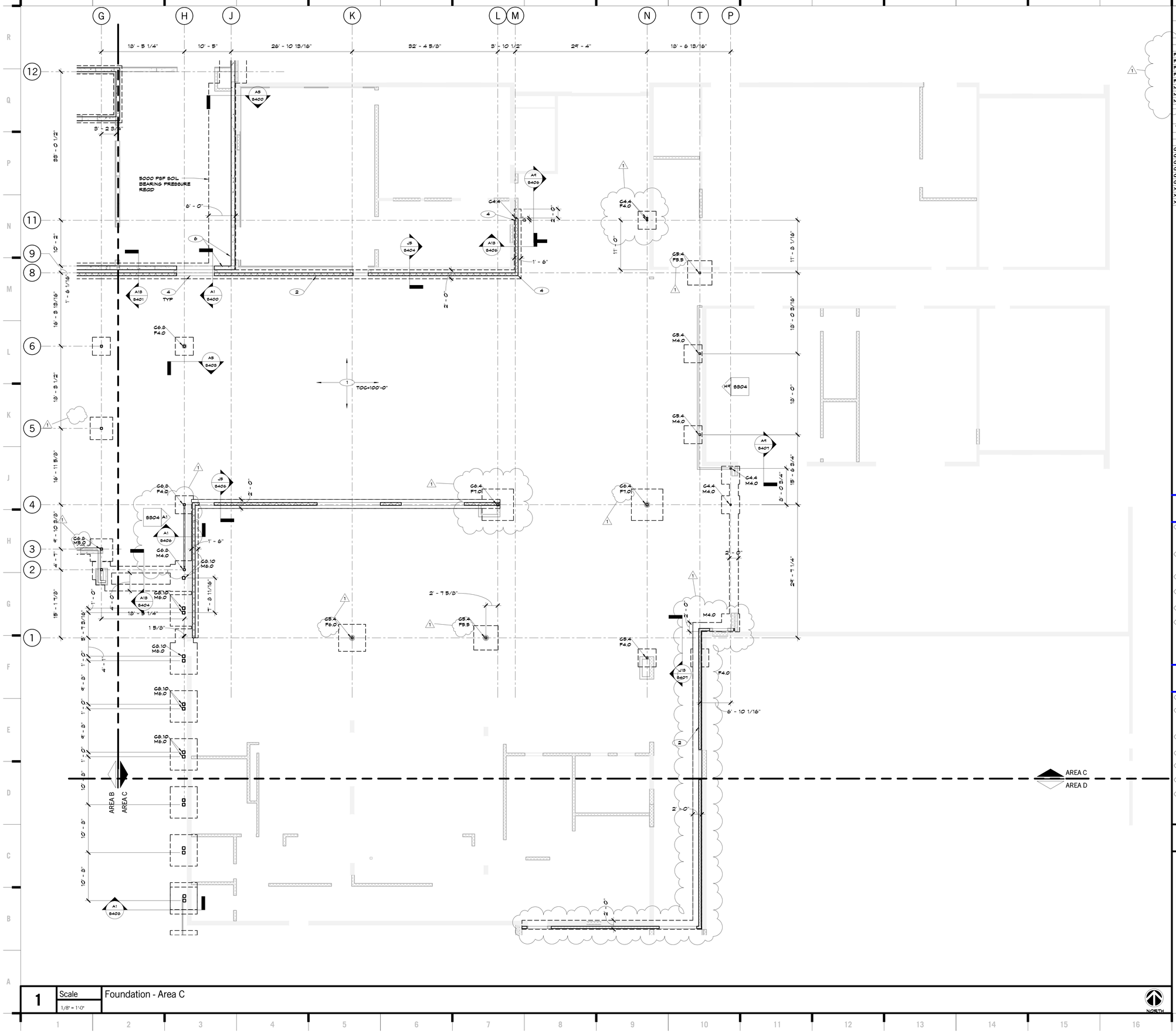


Structural Foundation Schedule			
Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EW
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EW
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EW
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-8"	4-#5	TOP & BOT EW
M5.0	5'-0 x 5'-0 x 2'-8"	5-#6	TOP & BOT EW
M6.0	6'-0 x 6'-0 x 2'-8"	6-#6	TOP & BOT EW

Structural Column Schedule			
Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	B/4X10X10
C5.4	HSS5x5x1/4	AR-1	B/4X11X11
C6.4	HSS6x6x1/4	AR-1	B/4X12X12
C6.6	HSS6x6x5/8	AR-2	1 1/4X18X18
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C8.10	HSS8x8x5/8	AR-2	1 1/2X18X27
XC4.4	HSS4x4x1/4	AR-1	1x10x14
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
5. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S500
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

A. TOP OF FOOTING ELEVATION = 99'-4" UNO

B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL J9/S500 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S500

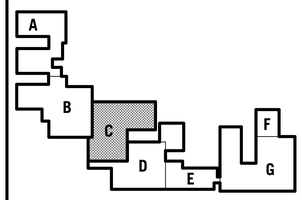
D. GRIDS INDICATE INSIDE FACE OF CMU WALL

E. ALL GRADE BEAMS ARE CENTERED ON INTERIOR CMU WALLS UNO

F. REFERENCE ARCHITECTURAL FOR EXTENT AND ELEVATION OF BRICK LEDGER

G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

KEY PLAN



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REVISIONS:

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REGISTERED PROFESSIONAL ENGINEER
11/11/15

John E. Funk
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JOB NO: 15029
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CHECKED BY: DBH
DATE: 11.11.2015

S103

OF

AREA C FOUNDATION PLAN

1 Foundation - Area C
Scale 1/8" = 1'-0"

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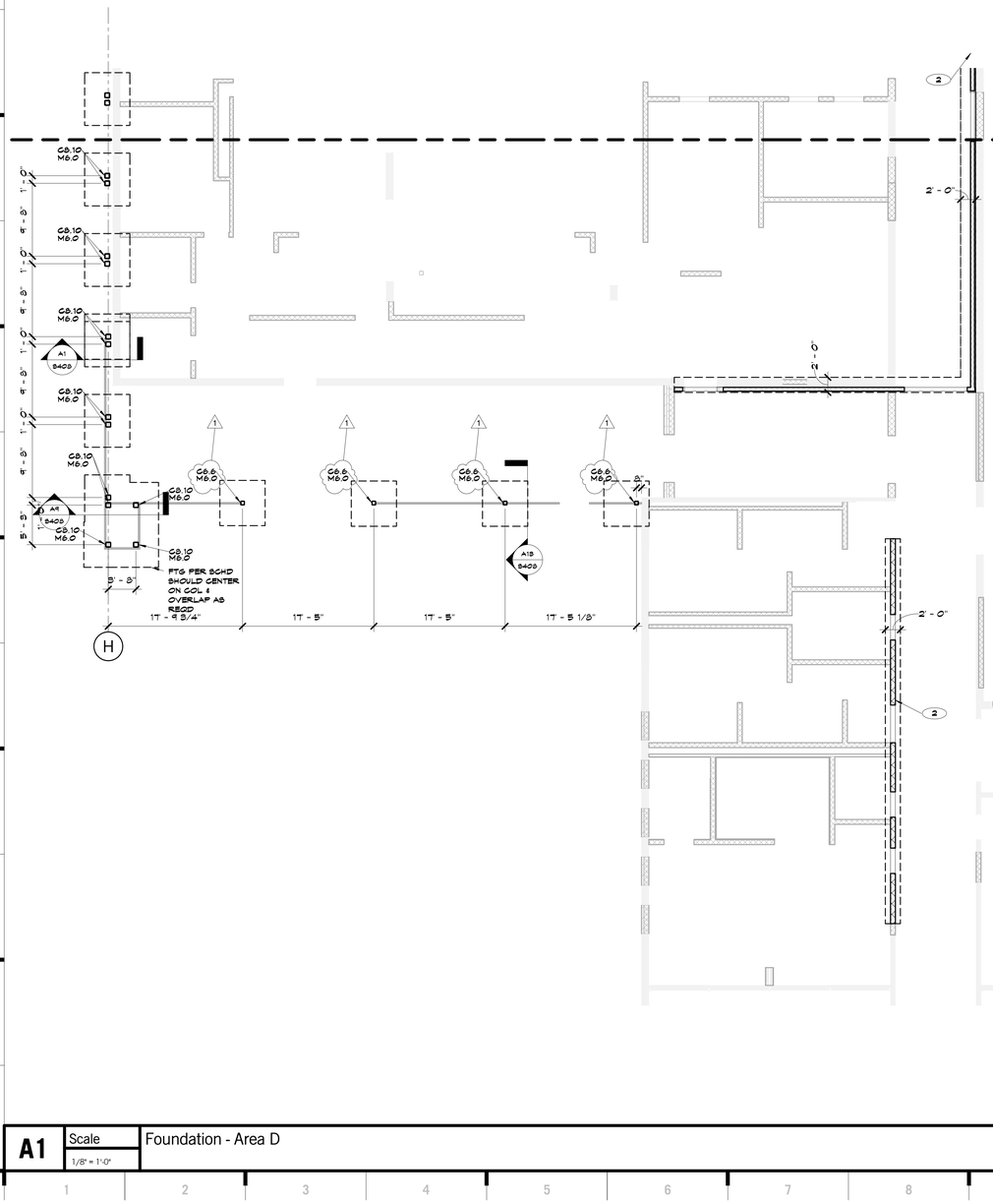

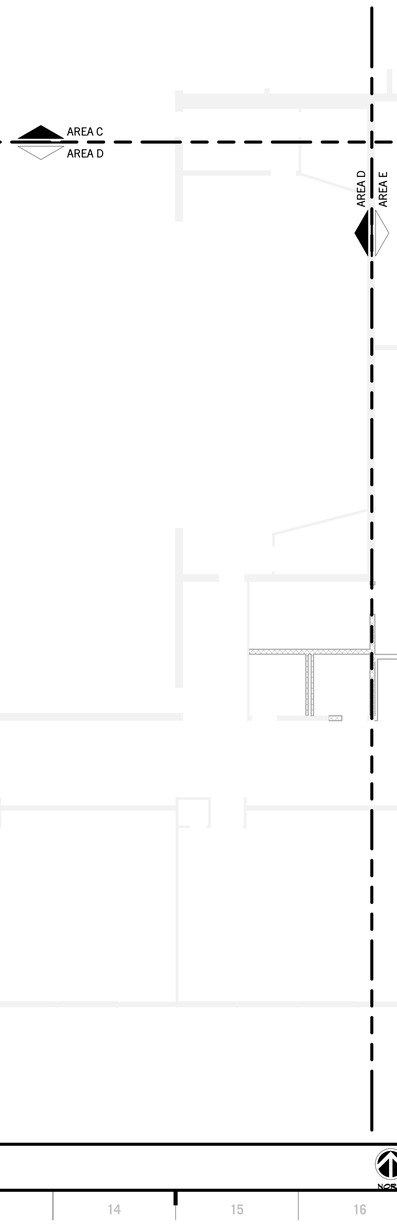

Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EW
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EW
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EW
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-0"	4-#5	TOP & BOT EW
M5.0	5'-0 x 5'-0 x 2'-0"	5-#6	TOP & BOT EW
M6.0	6'-0 x 6'-0 x 2'-0"	6-#6	TOP & BOT EW

Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	8/4X10X10
C5.4	HSS5x5x1/4	AR-1	8/4X11X11
C6.4	HSS6x6x1/4	AR-1	8/4X12X12
C6.6	HSS6x6x8/8	AR-2	1 1/4X15X15
C6.8	HSS6x6x1/2	AR-1	8/4X12X12
C8.10	HSS8x8x8/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1X10X18
XC5.4	HSS5x5x1/4	AR-1	8/4X11X11
XC6.8	HSS6x6x1/2	AR-1	8/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
3. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S500
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

A. TOP OF FOOTING ELEVATION = 99'-4" UNO

B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL /4/S500 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S500

D. GRIDS INDICATE INSIDE FACE OF CMU WALL

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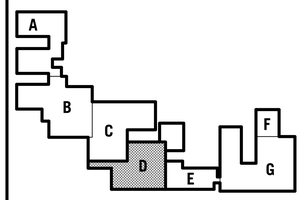
G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

KEY PLAN



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REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI
JOHN E. FUNK
NUMBER E-2000173299
REGISTERED PROFESSIONAL ENGINEER
11/11/15

John E. Funk
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DATE: 11.11.2015

S104

OF

AREA D FOUNDATION PLAN

A1 | Scale 1/8" = 1'-0" | Foundation - Area D

NORTH

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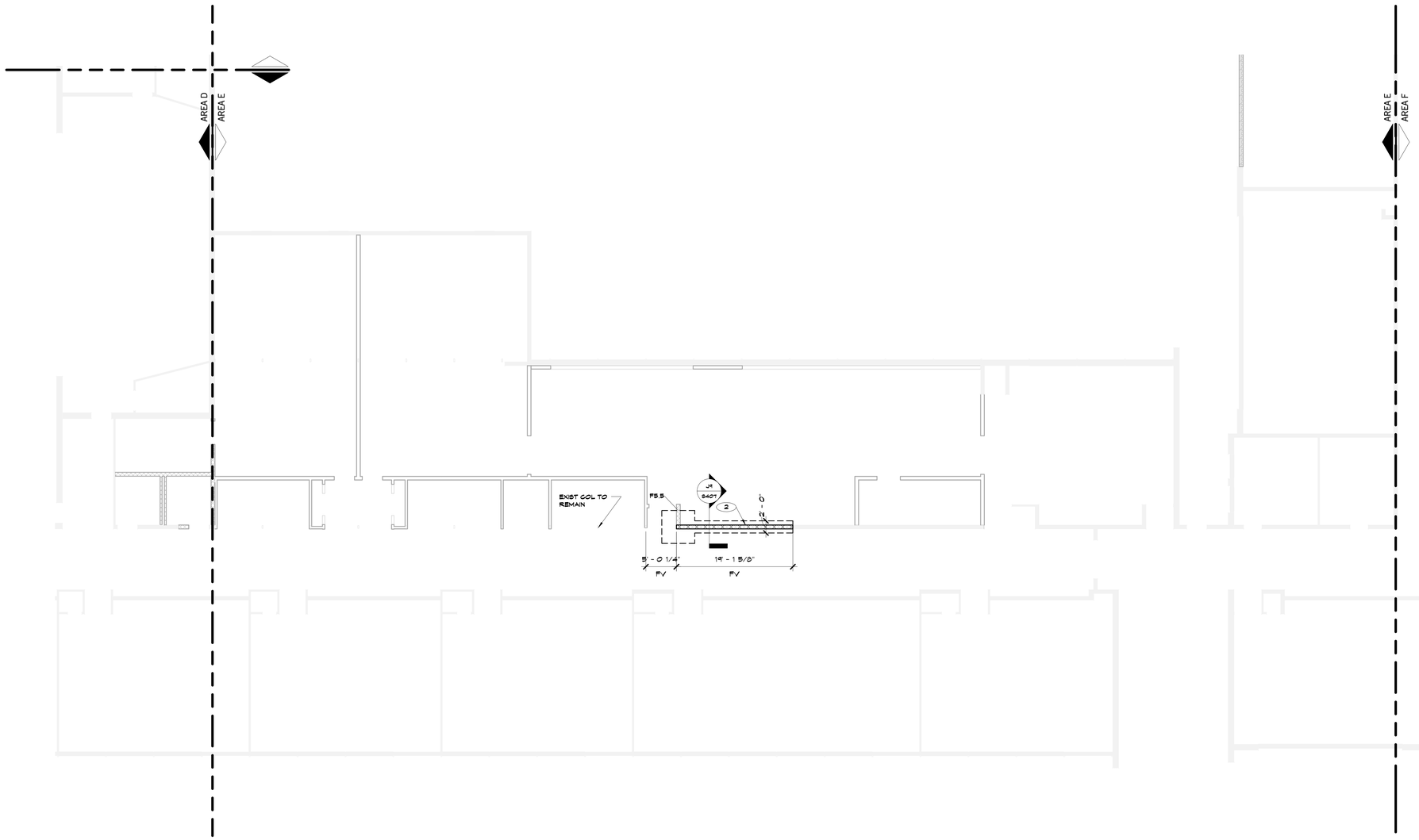

Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EA
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EA
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EA
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-0"	4-#5	TOP & BOT EA
M5.0	5'-0 x 5'-0 x 2'-0"	5-#6	TOP & BOT EA
M6.0	6'-0 x 6'-0 x 2'-0"	6-#6	TOP & BOT EA

Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	B/4X10X10
C5.4	HSS5x5x1/4	AR-1	B/4X11X11
C6.4	HSS6x6x1/4	AR-1	B/4X12X12
C6.6	HSS6x6x5/8	AR-2	1 1/4X15X15
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C8.10	HSS8x8x5/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1x10x19
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
3. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S500
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

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B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL JR/S500 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

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D. GRIDS INDICATE INSIDE FACE OF CMU WALL

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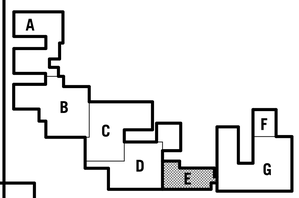
G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

KEY PLAN



A1 | Scale 1/8" = 1'-0" | Foundation - Area E

NORTH

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DATE: 11.11.2015

S105

OF

AREA E FOUNDATION PLAN

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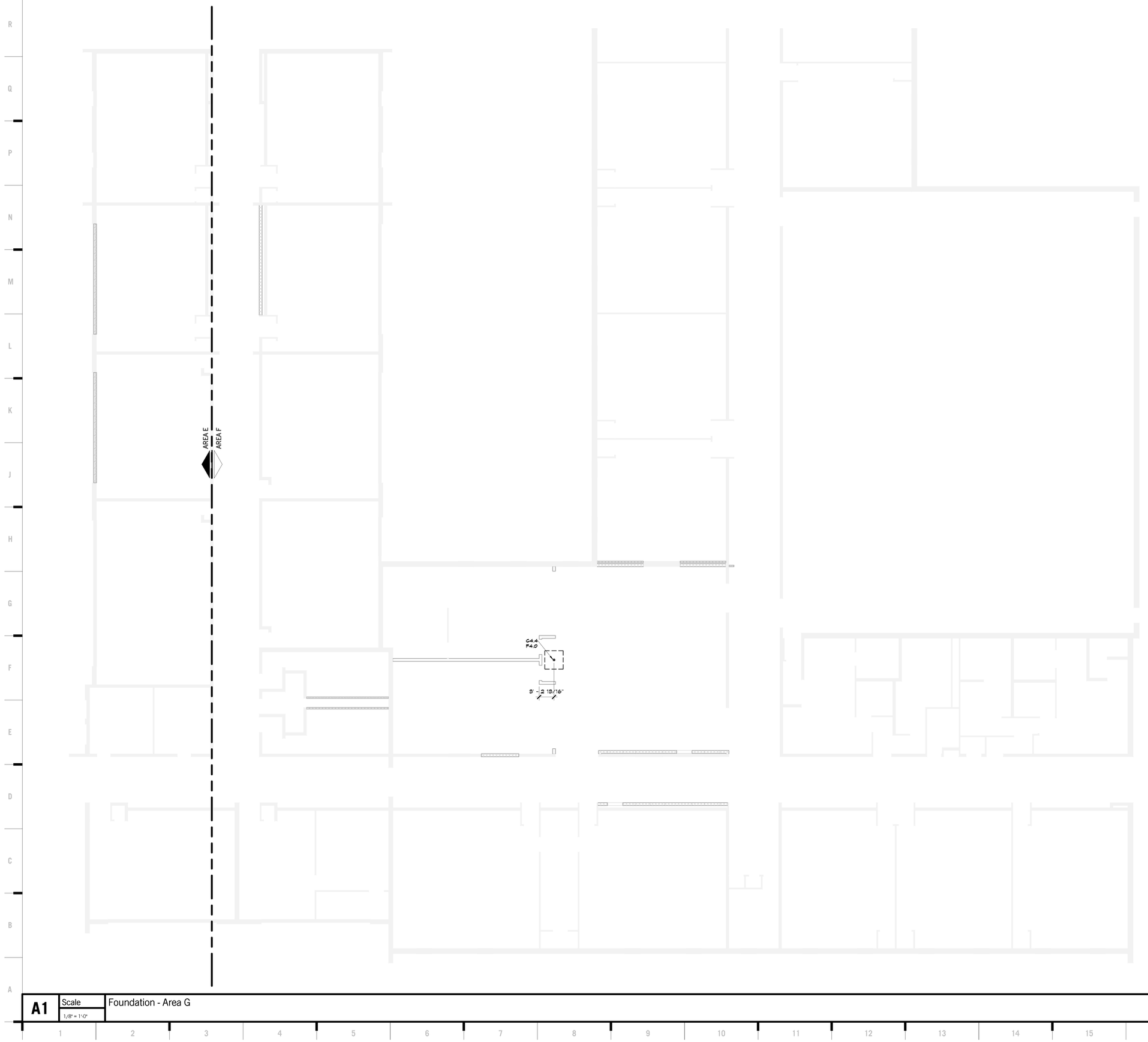

Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EW
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EW
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EW
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-8"	4-#5	TOP & BOT EW
M5.0	5'-0 x 5'-0 x 2'-8"	5-#6	TOP & BOT EW
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Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
G4.4	HSS4x4x1/4	AR-1	B/4X10X10
G5.4	HSS5x5x1/4	AR-1	B/4X11X11
G6.4	HSS6x6x1/4	AR-1	B/4X12X12
G6.6	HSS6x6x3/8	AR-2	1 1/4X15X15
G6.8	HSS6x6x1/2	AR-1	B/4X12X12
G8.10	HSS8x8x5/8	AR-2	1 1/2X18X21
XG4.4	HSS4x4x1/4	AR-1	1x10x14
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G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

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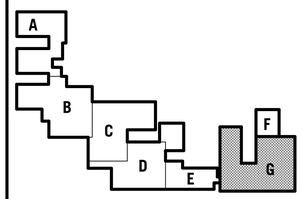

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Structure # 2006031333

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JOB NO: 15029
DRAWN BY: Author
CHECKED BY: Checker
DATE: 11.11.2015

S106

_____ OF _____

AREA G FOUNDATION PLAN

A1 | Scale 1/8" = 1'-0" | Foundation - Area G

NORTH

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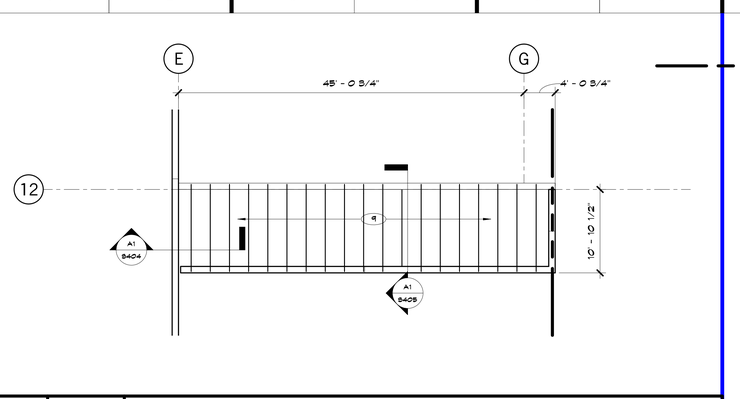
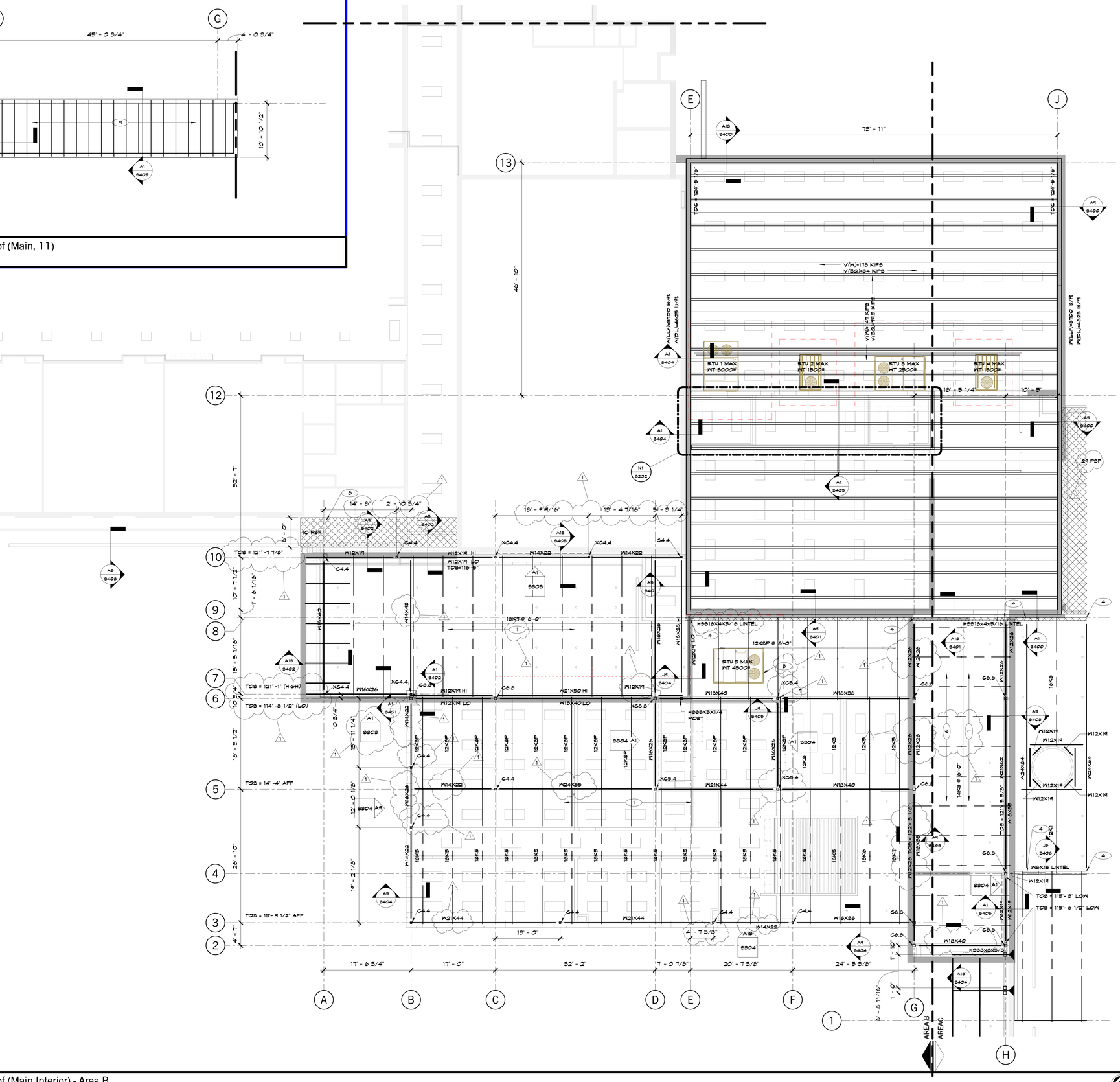
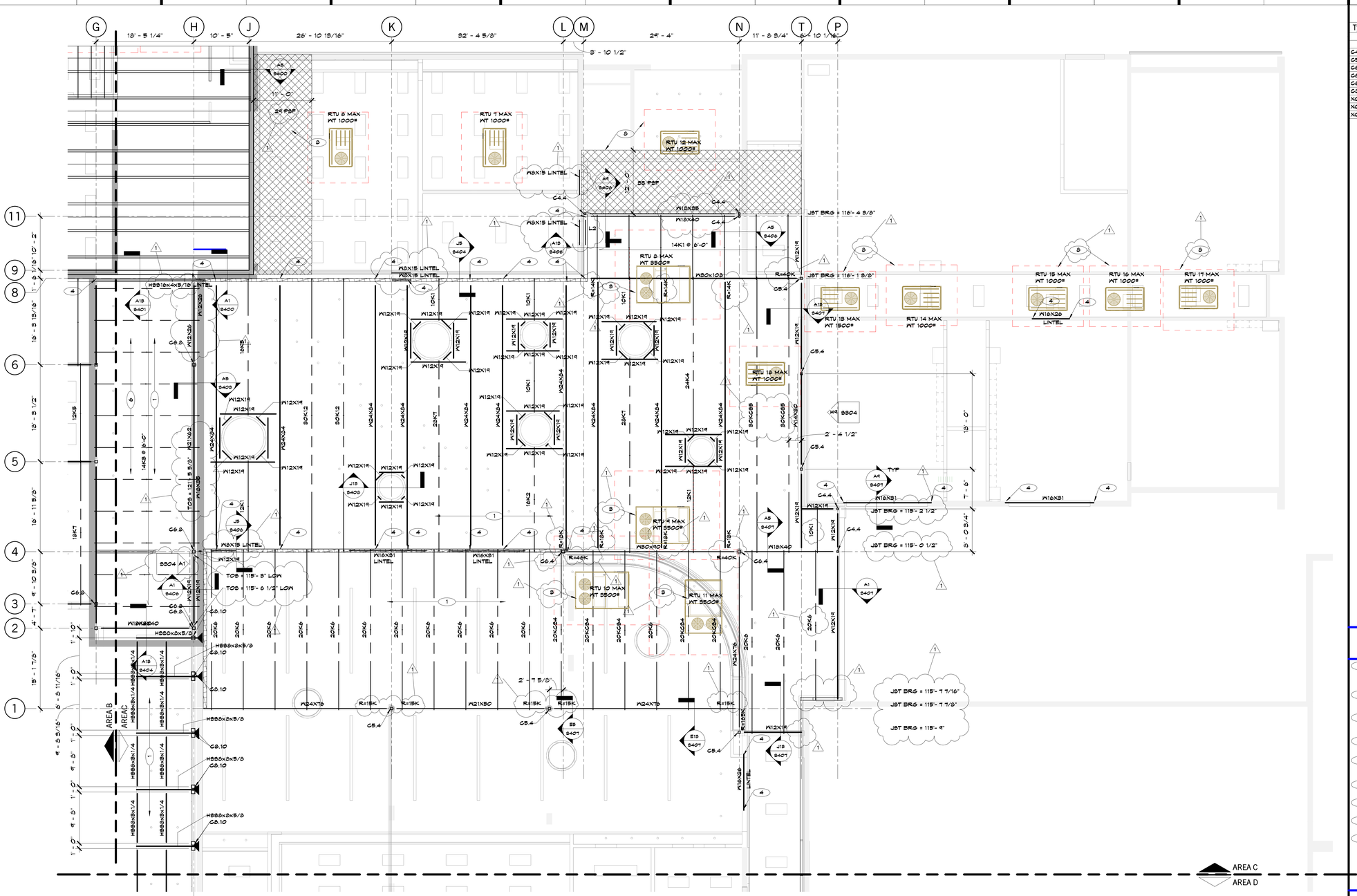


N1 | Scale 1/8" = 1'-0" | B.O. Roof (Main, 11)





Structural Column Schedule			
Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	B/4X12X10
C5.4	HSS5x5x1/4	AR-1	B/4X11X11
C6.4	HSS6x6x1/4	AR-1	B/4X12X12
C6.6	HSS6x6x5/8	AR-2	1 1/4X18X18
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C6.10	HSS8x8x5/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1x10x19
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

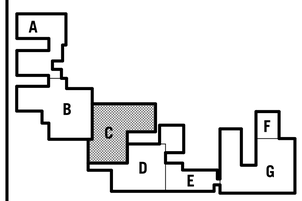
1. 1 1/2" DEEP X 22 GAGE WIDE RIB PAINTED METAL ROOF DECK. ATTACH TO SUPPORTING STEEL STRUCTURE TO TRANSFER DOOPF MINIMUM HORIZONTAL DIAPHRAGM SHEAR
2. 8" CMU WALL REINFORCE WITH (1) #5 VERTICAL AT 48" ON CENTER IN FULLY GROUTED CELLS
3. PROVIDE INTERMEDIATE FRAMING UNDER RTU AND ROOF OPENING PER DETAIL N1/S801 AND J1/S801. VERIFY LOCATION WITH MECHANICAL CONTRACTOR.
4. PROVIDE 8/8"X7"X0'-7" WITH (2) 8/8"6X6" HSA AT ALL BEAM BEARING LOCATIONS
5. OPERABLE DOOR BELOW. JOIST MANUFACTURER PROVIDE AN ADDITIONAL LOAD AT OPERABLE DOOR SUPPORT.
6. PROVIDE TOP CHORD JOIST EXTENSION TYPE R.
7. CONTINUE COLUMN UP TO FRAME OUT ROOF SCREEN
8. REINFORCE EXISTING JOIST IN HATCHED REGION AND/OR UNDER NEW RTU PER TYP DETAIL
9. 1" DEEP X 22 GAGE CONFORM METAL ROOF DECK WITH 3" CONCRETE REINFORCMENT WITH 6X6-W2.1XW2.1 WIRE MESH TOTAL THICKNESS 4" TOC=110'-0"

PLAN NOTES

A. BEAMS AND JOIST SHALL BE SPACED AT 5'-0" OC MAX

B. ALL LINTELS NOTED ON PLANS PER S802

KEY PLAN



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Structure # 2006031333

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Smith & Boucher Engineers
Mechanical, Electrical, & Plumbing Engineering
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913.345.2127 phone
913.345.0617 fax

Ozark Junior High Addition & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI
JOHN E. FUNK
NUMBER E-2000173299
PROFESSIONAL ENGINEER
11/11/15

John E. Funk
E-2000173299

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JOB NO: 15029
DRAWN BY: SAH
CHECKED BY: DBH
DATE: 11.11.2015

S203

OF

AREA C FRAMING PLAN

A1 | Scale 1/8" = 1'-0" | B.O. Roof (Main Interior) - Area C

NORTH

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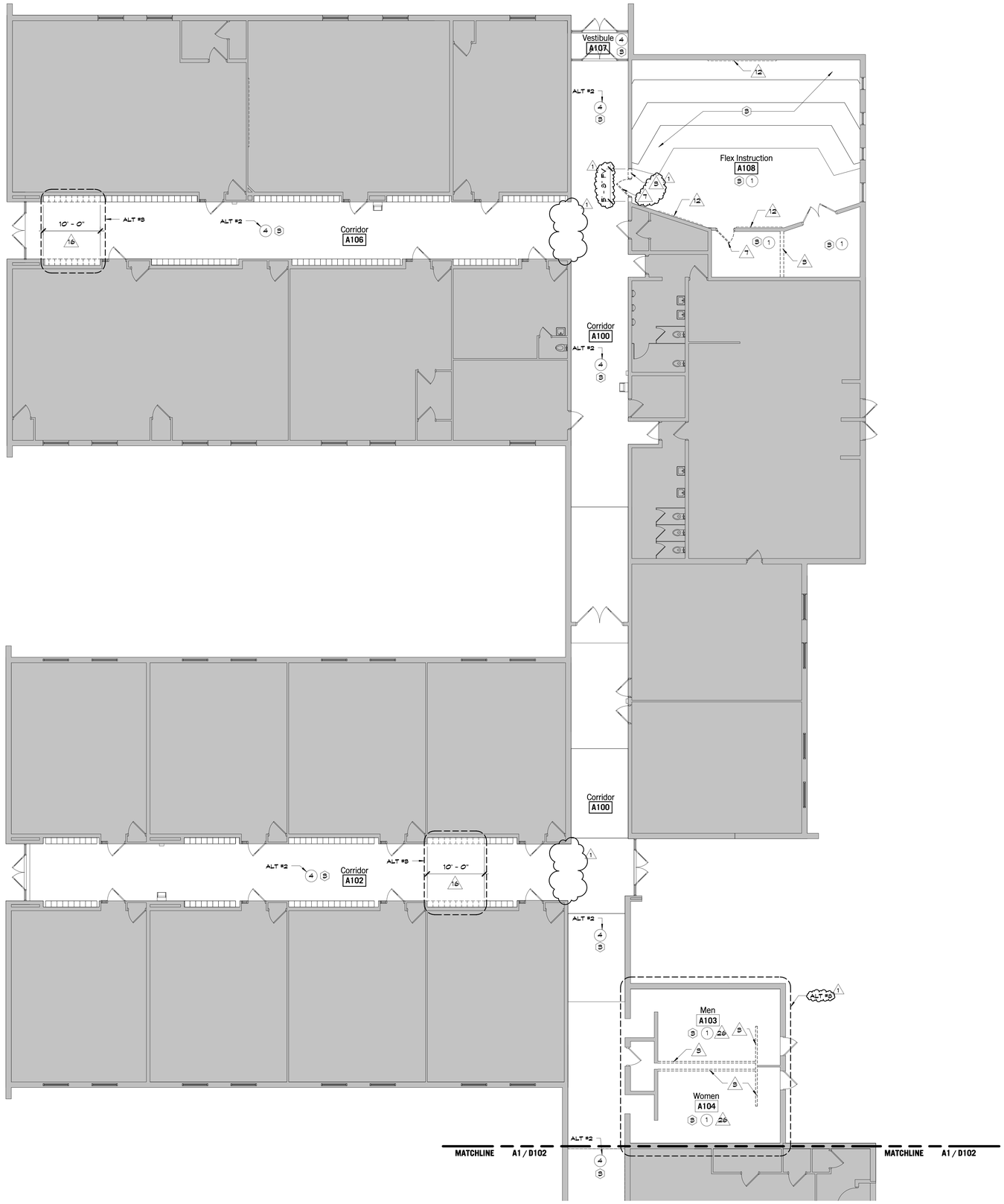

DEMOLITION NOTES

FLOORS & BASE

1. REMOVE EXISTING CARPET AND RESILIENT BASE INCLUDING ADHESIVE. DO NOT REMOVE TILE BASE. CLEAN EXISTING TILE BASE.
2. REMOVE ALL EXISTING VINYL COMPOSITION TILE.
3. REMOVE ALL EXISTING VINYL COMPOSITION TILE. REPAIR & REPLACE DAMAGED EXISTING TILE BASE AS REQUIRED.
4. REMOVE CONCRETE AS REQ'D FOR SUB-SLAB MECHANICAL, ELECTRICAL & PLUMBING WORK. SAW CUT EXISTING CONCRETE AREAS PRIOR TO REMOVAL. INFILL W/ VAPOR RETARDER & CONCRETE MIN 4" THICK (RE: P1/D101). MATCH EXISTING SLAB FLANES. DO NOT SAW CUT INTO EXISTING FOUNDATIONS OR OTHER STRUCTURAL MEMBERS. COORDINATE P/M/MECHANICAL, ELECTRICAL & PLUMBING FOR CAPPING OF PIPES NO LONGER IN USE. RE: MEP FOR EXTENT OF FLOOR SLAB DEMO NEEDED TO FACILITATE NEW UTILITIES.
5. REMOVE EXISTING CONCRETE FLOOR SLAB.
6. REMOVE EXISTING RAMP.
7. REMOVE EXISTING PLATFORM.
8. REMOVE EXISTING CONCRETE AND ASPHALT PAVING.
9. REMOVE EXISTING TILE FLOORING.

WALLS

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33. REMOVE EXISTING DIGITAL SIGNAGE. PROTECT & SALVAGE TO OWNER FOR REINSTALLATION

CEILINGS

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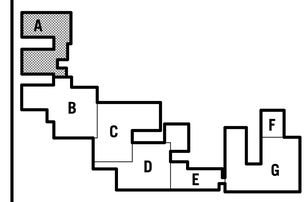
ROOFS

1. REMOVE EXISTING GUTTERS & DOWNSPOUTS
2. REMOVE EXISTING CANOPY/COVERED WALKWAY COLUMNS, & FOOTINGS TO BELOW FINAL GRADE.

KEY PLAN



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BID DOCUMENTS

Ozark Junior High Additions & Renovations

Ozark R-VI School District

1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT

Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

D101

____ OF ____

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area A

DEMOLITION FLOOR PLAN - AREA A

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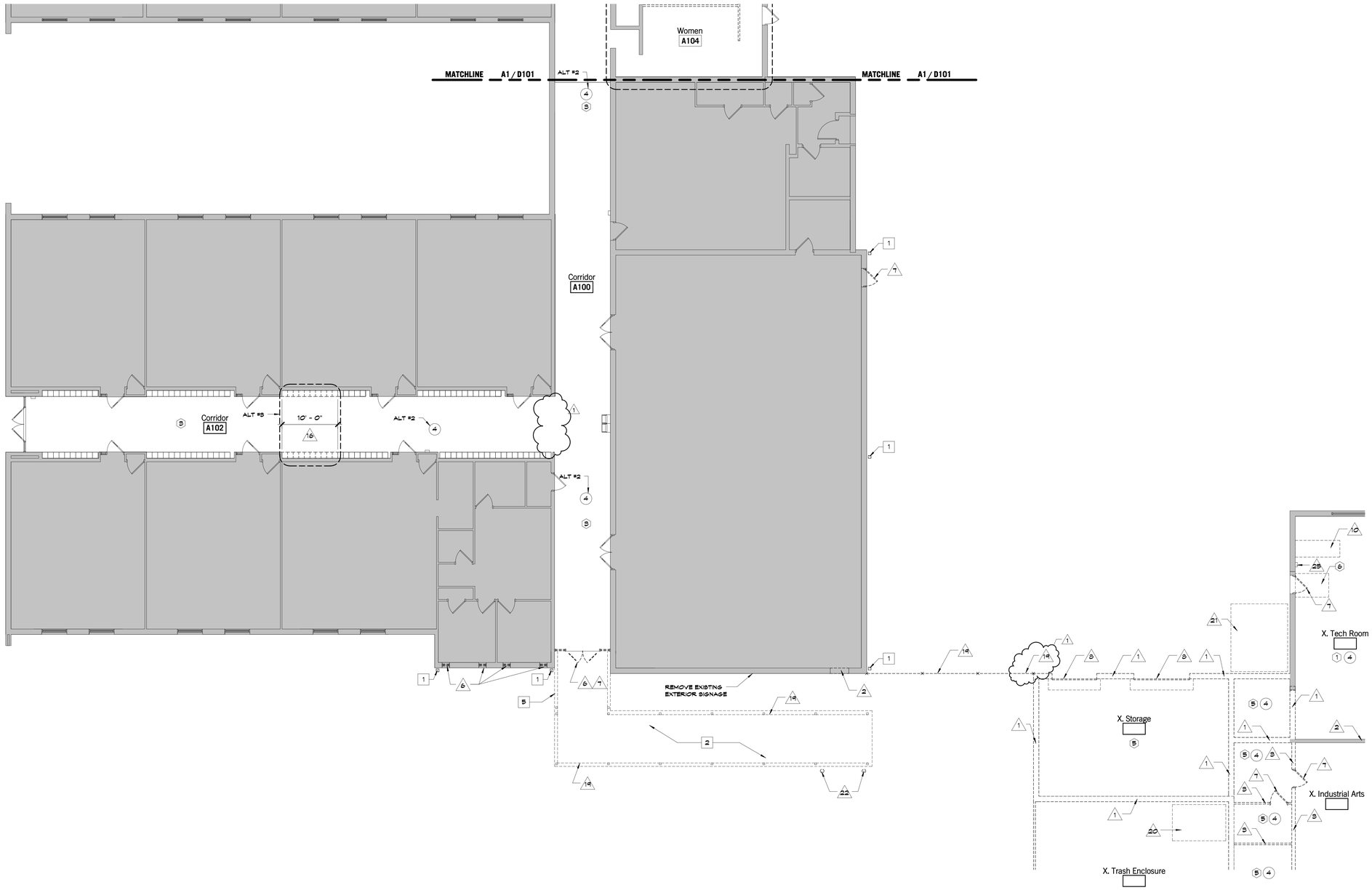

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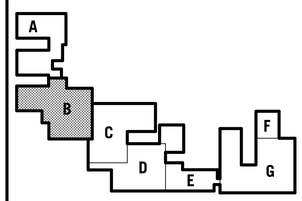

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BID DOCUMENTS

REVISIONS:

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1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
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REGISTERED
ARCHITECT

Kirk Christian Horner
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CHECKED BY: GS/KO
DATE: 11.11.2015

D102

OF

DEMOLITION FLOOR PLAN - AREA B

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area B

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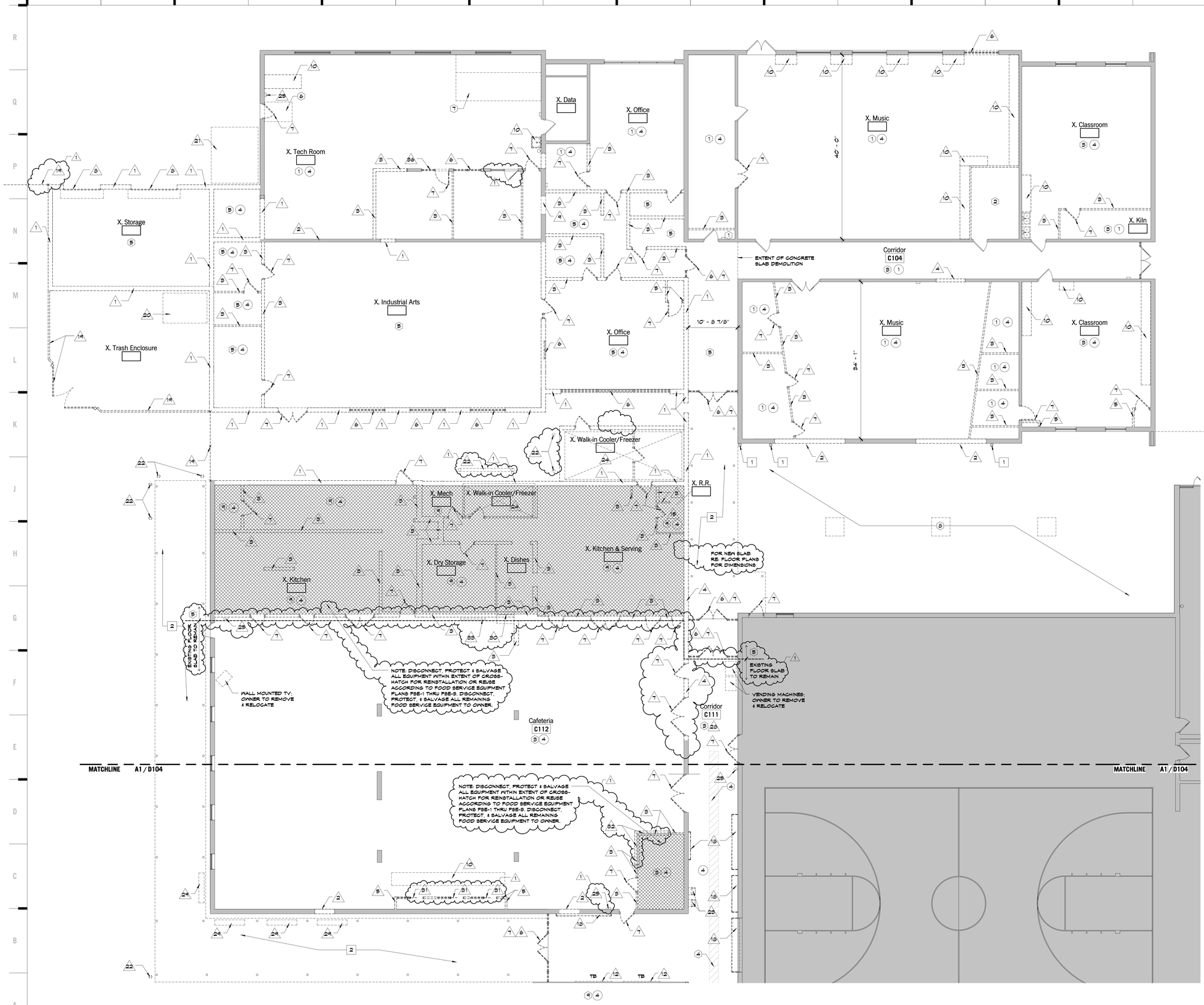

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52. REMOVE EXISTING GLAZING, ALUM. CHANNEL SYSTEMS, & LOCKS. SALVAGE TO OWNER
53. REMOVE EXISTING DIGITAL SIGNAGE. PROTECT & SALVAGE TO OWNER FOR REINSTALLATION

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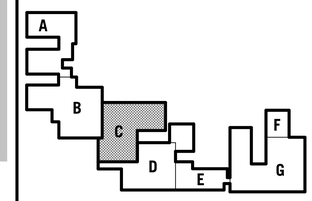
ROOFS

1. REMOVE EXISTING GUTTERS & DOWNSPOUTS
2. REMOVE EXISTING CANOPY/COVERED WALKWAY, COLUMNS, & FOOTINGS TO BELOW FINAL GRADE.

KEY PLAN



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REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
11-24-2015

Kirk Christian Horner
A-2001016578

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JOB NO: 15029
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CHECKED BY: GS/KO
DATE: 11.11.2015

D103

OF

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area C

DEMOLITION FLOOR PLAN - AREA C

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MATCHLINE J1 / D105

MATCHLINE J1 / D105

Corridor G101

Corridor G110

X, Data G108

X. Media Center

Men G102

Women G103

Corridor G100

Corridor G104

Corridor G111

ALT #2

ALT #3

ALT #5

ALT #8

FOR NEW ISLAND SINK

NOTE: REMOVAL / RELOCATION OF ALL BOOK SHELVES, TABLES, CHAIRS, MAGAZINE RACKS, PROJECTORS, PROJECTION SCREENS & WINDOW TREATMENTS BY OWNER. COORDINATE TIME / LOCATION OWNER.

FIELFD VERIFY LOCATION/DEMO OF EXISTING WINDOWS

REFERENCE CORRESPONDING CASEWORK ELEVATION FOR SIZE OF OPENINGS FOR DEMO

20' - 9 1/2"

10' - 0"

10' - 0"

DEMOLITION NOTES

FLOORS & BASE

1. REMOVE EXISTING CARPET AND RESILIENT BASE INCLUDING ADHESIVE. DO NOT REMOVE TILE BASE. CLEAN EXISTING TILE BASE.
2. REMOVE ALL EXISTING VINYL COMPOSITION TILE.
3. REMOVE ALL EXISTING VINYL COMPOSITION TILE. REPAIR & REPLACE DAMAGED EXISTING TILE BASE AS REQUIRED.
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5. REMOVE EXISTING CONCRETE FLOOR SLAB.
6. REMOVE EXISTING RAMP.
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8. REMOVE EXISTING CONCRETE AND ASPHALT PAVING.
9. REMOVE EXISTING TILE FLOORING.

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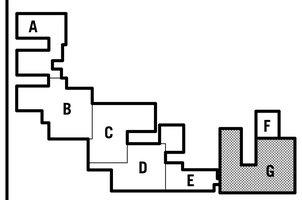

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CHECKED BY: GS/KO
DATE: 11.11.2015

D106
_____ OF _____

DEMOLITION FLOOR PLAN - AREA G

A1 | Scale 1/8" = 1'-0" | Demolition Floor Plan - Area G

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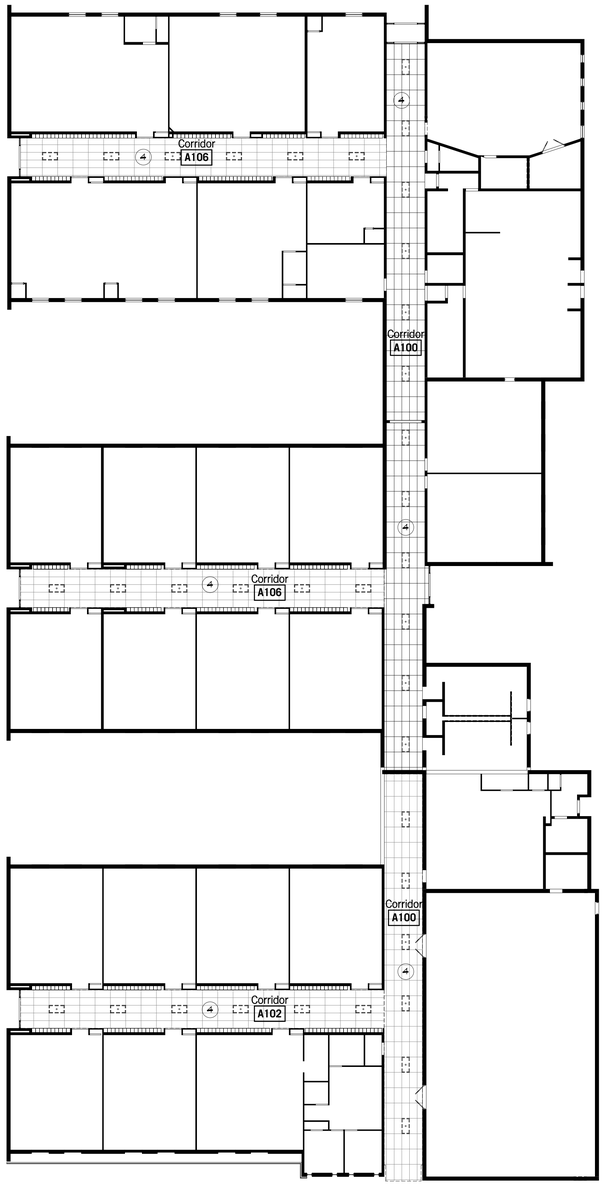

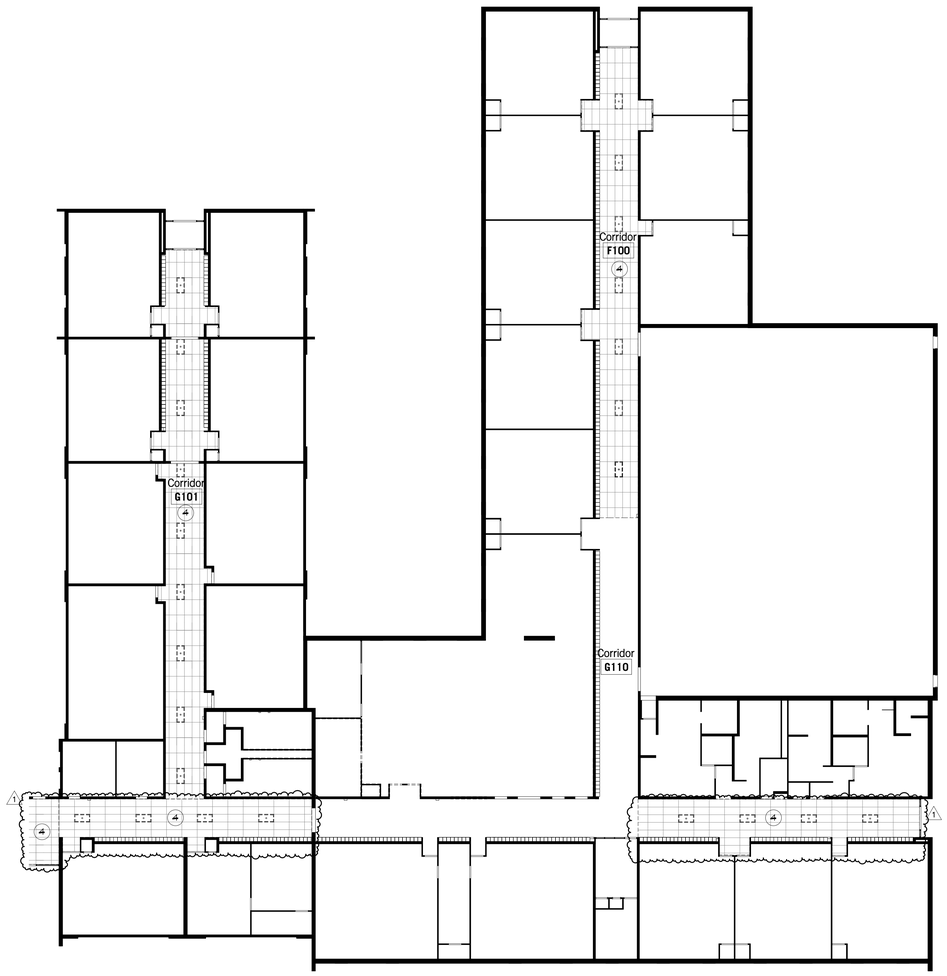

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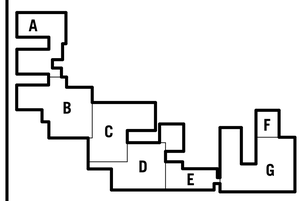

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D108

OF

A1 | Scale 1/16" = 1'-0" | Alternate 2 - Demolition Reflected Ceiling Plan - Corridor Ceilings - Area A & B

A8 | Scale 1/16" = 1'-0" | Alternate 2 - Demolition Reflected Ceiling Plan - Corridor Ceilings - Area F & G

DEMOLITION REFLECTED CEILING PLAN - ALTERNATE 2

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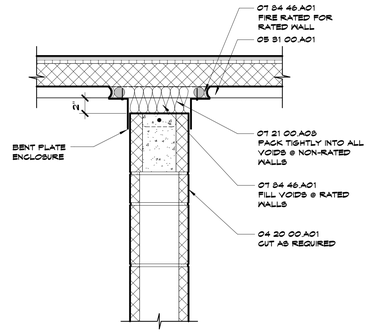
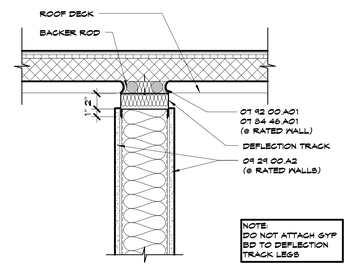
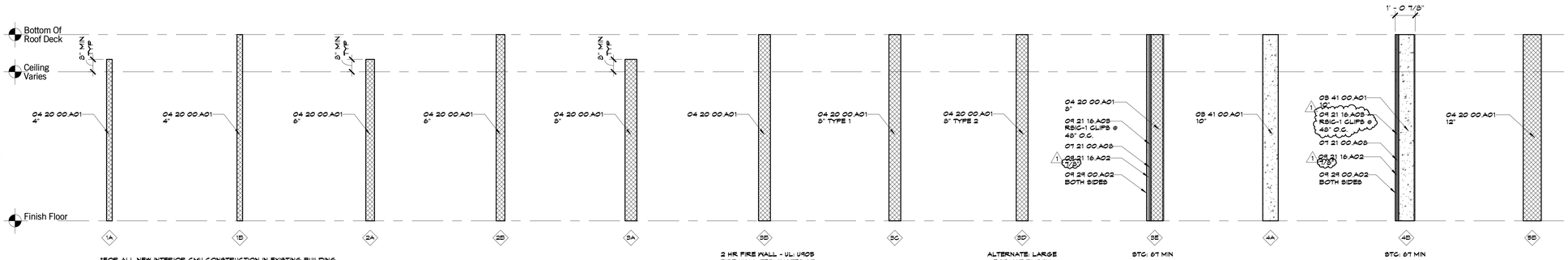


N9 | Scale 1 1/2" = 1'-0" | CMU Wall Termination @ Roof Deck



N13 | Scale 1 1/2" = 1'-0" | Top of Wall - Firestopping @ Roof Deck



*FOR ALL NEW INTERIOR CMU CONSTRUCTION IN EXISTING BUILDING
1) BASE COURSE TO MATCH EXISTING @ 5 1/2", FV
2) STACKED BOND TO MATCH EXISTING

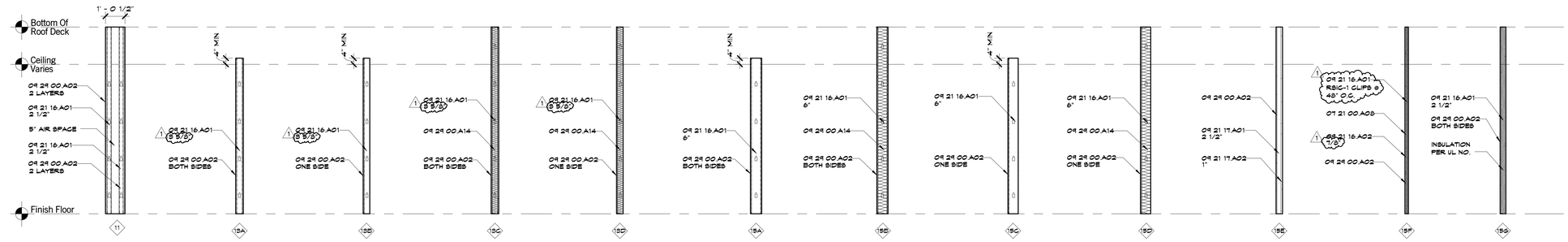
2 HR FIRE WALL - UL U905
FIRE WALL TERMINATES AT
UNDERSIDE OF ROOF SHEATHING,
DECK OR SLAB OF LOWER ROOM
PER 706.6.1 EXCEPTION

ALTERNATE: LARGE
FORMAT BLOCK
8x8x16
1

STC: 67 MIN

STC: 67 MIN

J1 | Scale 3/8" = 1'-0" | Interior Wall Types



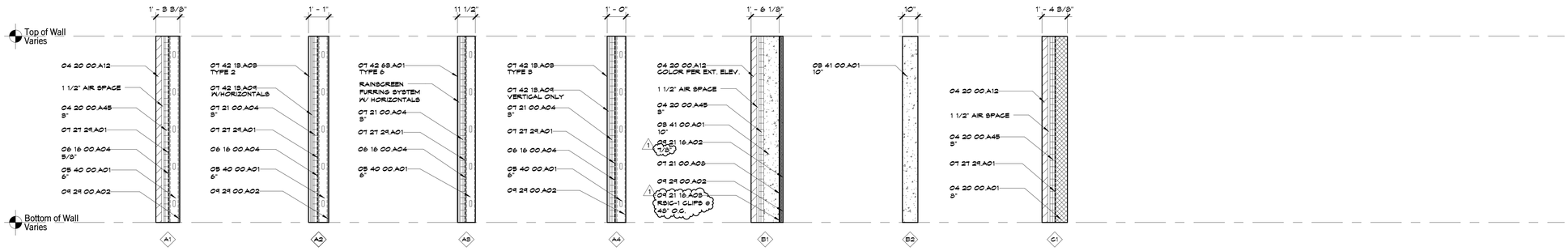
PROVIDE 05 40 00 A01 @
HEIGHTS EXCEEDING 12'-0"
FOR ALL INTERIOR AND
EXTERIOR WALLS

PROVIDE 05 40 00 A01 @
HEIGHTS EXCEEDING 12'-0"
FOR ALL INTERIOR AND
EXTERIOR WALLS

SHAFT WALL ASSEMBLY
2 HR
UL: 468

FIRE RATED ASSEMBLY
1 HR
UL: 419

E1 | Scale 3/8" = 1'-0" | Interior Wall Types (Continued)



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2) STACKED BOND TO MATCH EXISTING

A7 | Scale 3/8" = 1'-0" | Exterior Wall Types

SHEET KEYNOTE LEGEND

03 41 00 A01	PRECAST STRUCTURAL CONCRETE
04 20 00 A01	CONCRETE MASONRY UNITS
04 20 00 A12	FACE BRICK
04 20 00 A45	CAVITY WALL INSULATION
05 31 00 A01	ROOF DECK
05 40 00 A01	COLD-FORMED METAL FRAMING
06 16 00 A04	GLASS-MAT GYPSUM WALL SHEATHING
07 21 00 A04	POLYISOCYANURATE INSULATION
07 21 00 A05	UNFACED GLASS FIBER BLANKET INSULATION
07 27 29 A01	VAPOR RETARDING AIR BARRIER COATING
07 42 13 A03	CONCEALED FASTENER METAL WALL PANELS
07 42 13 A04	RAINSCREEN FURRING SYSTEM
07 42 68 A01	PHENOLIC PANEL CLADDING SYSTEM
07 84 46 A01	FIRE RESISTIVE JOINT SYSTEM
07 92 00 A01	SEALANT
09 21 16 A01	NON-STRUCTURAL FRAMING
09 21 16 A02	HAT-SHAPED RIGID FURRING CHANNELS
09 21 16 A03	RESILIENT FURRING CHANNELS
09 21 17 A01	SHAFT-WALL ASSEMBLY
09 21 17 A02	GYPSUM LINER PANELS
09 29 00 A02	GYPSUM BOARD - TYPE X
09 29 00 A14	SOUND ATTENUATION BLANKETS

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Kirk Christian Horner
A-2001016578

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WALL TYPES

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MATERIAL FINISH LEGEND

ID	KEYNOTE	MANUFACTURER	MATERIAL	STYLE / COLOR	LOCATION / COMMENTS
ACT1	09 51 13.A01	ARMSTRONG	2'X4'X5/4" ACOUSTICAL CEILING TILE - SQ EDGE	ULTIMA 1913 NRC; WHITE	
ACT2	09 51 13.A01	ARMSTRONG	4'X4'X1" ACOUSTICAL CEILING TILE - TEGULAR EDGE	OPTIMA (2366) WHITE	
ACT3	09 51 13.A01	ARMSTRONG	2'X4'X5/4" ACOUSTICAL CEILING TILE - SQ EDGE; VINYL-FACED	CLEAN ROOM VL870; WHITE	
ACT4	09 84 56.A02	KINETICS NOISE CONTROL	2'X2' ACOUSTICAL BARREL DIFFUSER TILE	WHITE	MUSIC
ACT5	09 84 56.A02	KINETICS NOISE CONTROL	4'X4' ACOUSTICAL BARREL DIFFUSER TILE	WHITE	MUSIC
ACT6	09 51 13.A01	USG CEILINGS	2'X4'X1-1/2" ACOUSTICAL CEILING TILE - SQ EDGE	HALCYON CLIMA PLUS 99241	MUSIC
ACT7	09 51 13.A01	EPIC SKY TECHNOLOGY	2'X2'X5/4" ACOUSTICAL CEILING TILE - FIBER OPTIC STAR PANEL	BLACK	SENSORY AREAS
ACTG1	09 51 13.A01	ARMSTRONG	ACOUSTICAL CEILING SUSPENSION GRID - 15/16"	PRELUDE XL; WHITE	
ACTG2	09 51 13.A01	ARMSTRONG	ACOUSTICAL CEILING SUSPENSION GRID - 9/16"	SILHOUETTE; WHITE	USE WITH ACT2 ONLY
ACTG3	09 51 13.A01	ARMSTRONG	ACOUSTICAL CEILING SUSPENSION GRID - 15/16"	PRELUDE XL; BLACK	USE WITH ACT6 ONLY
C1	09 68 13.A01	PATCRAFT	WALK OFF CARPET TILE - 24"X24"	10304 WALK RIGHT IN II; 00100 NATURAL BEIGE	QUARTER-TURN INSTALLATION
C2	09 68 13.A01	INTERFACE	CARPET TILE - 25CMX1M	BL910 SILVER LININGS; 135710AK00 GREY 104505	ADMIN, HERRINGBONE INSTALLATION
C3	09 68 13.A01	J&J FLOORING GROUP	CARPET TILE - 19"X36" KINETEX	1814 UMBRA; 1762 OPAQUE	ASHLAR INSTALLATION
C4	09 68 13.A01	INTERFACE	CARPET TILE - 25CMX1M	BL920 SILVER LININGS; 135720AK00 GREY LINE 104515	ASHLAR INSTALLATION
C5	09 68 13.A01	INTERFACE	CARPET TILE - 25CMX1M	BL930 SILVER LININGS; 135730AK00 GREY FADE 104521	ASHLAR INSTALLATION
CG1	10 26 00.A03	C3 ACROVYN	CORNER GUARD - 3"X3"X48"	SM-20N; 944 WHITE	
EB1	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	2466-B PUTTY	USE WITH PL1
EB2	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	DW-2495 PEPPERDUST	USE WITH PL2
EB3	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	DW.2426 DOVE GREY	USE WITH PL3
EB6	12 32 00.A01	DOELLKEN WOODTAPE	PVC EDGEBANDING - 3MM	2115 ANTIQUE WHITE	USE WITH PL6
EB5	12 32 00.A01	CHARTER INDUSTRIES	PVC EDGEBANDING - 3MM	F545 SPECTRUM RED	USE WITH PL5
F1	09 51 13.A01	GUILFORD OF MAINE	FABRIC WRAPPED SOUND ABSORBING PANEL	FR701; 844 OPAL	MUSIC
F2	09 51 13.A01	GUILFORD OF MAINE	FABRIC WRAPPED SOUND ABSORBING PANEL / SOUND DIFFUSING PANEL	FR701; 561 VERTE PAPIER	MUSIC
F3	09 51 13.A01	GUILFORD OF MAINE	FABRIC WRAPPED SOUND ABSORBING PANEL	FR701; 238 GREY MIX	MUSIC
F4	09 51 13.A01	KNOLL TEXTILES	FABRIC WRAPPED SOUND ABSORBING PANEL / SOUND DIFFUSING PANEL	HOURGLASS K1523/27 ALLEY	MUSIC
F5	09 51 13.A01	MAHARAM TEXTILES	FABRIC WRAPPED SOUND ABSORBING PANEL	MESSENGER 458640/061 CHERRY	MUSIC
F6	09 77 23.A01	MAHARAM TEXTILES	PRIVACY CURTAIN FABRIC	RON 511484/002	NURSE B114
FT1	09 67 23.A01	DESCO COATINGS	RESINOUS FLOOR TOPPING; GRANITE SERIES	CUSTOM BLEND: 215-7085	
FTB1	09 67 23.A02	DESCO COATINGS	RESINOUS INTEGRAL COVE BASE; GRANITE SERIES - 6"H	CUSTOM BLEND: 215-7085	
LVT1	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65115 STONE	FLOATING FLOOR INSTALLATION - FIELD
LVT2	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65761 TAUPE	FLOATING FLOOR INSTALLATION - DARKER
LVT3	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65114 BEIGE	FLOATING FLOOR INSTALLATION - ACCENT
LVT4	09 65 19.A01	SHAW CONTRACT GROUP	LUXURY VINYL TILE PLANK WITH IN-STEP LOCKING SYSTEM - 7.28"X47.72"X.5/32"	0365V PIGMENT; 65355 RED	FLOATING FLOOR INSTALLATION - ACCENT
OP1	10 22 39.A01	HUFCOR	OPERABLE ACOUSTIC PARTITION - CONTINOUSLY HINGED PANELS	DOUBLE-SIDED; FULL HEIGHT MARKERBOARD ON ONE SIDE (FACING D104A), PANEL FABRIC SILK ROAD 22-08 MIST ONE SIDE; METAL TRIM GRAY	EMOTIONAL NEEDS D104
P1	09 91 23.A01	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - FLAT	SW7005 EXTRA WHITE	
P2	09 91 23.A02 / 09 96 00.A01	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / EPOXY SEMI-GLOSS	SW7551 GREEK VILLA	
P3	09 91 23.A02 / 09 96 00.A02	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / EPOXY GLOSS	SW7016 MINDFUL GRAY	
P4	09 91 23.A02 / 09 91 23.A01 / 09 96 00.A02	BENJAMIN MOORE	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / FLAT / EPOXY GLOSS	BM 847 SWEET DREAMS	
P5	09 91 23.A02 / 09 91 23.A01 / 09 96 00.A02	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / FLAT / EPOXY GLOSS	SW7019 GAUNTLET GRAY	
P6	09 91 23.A02 / 09 96 00.A02	SHERWIN WILLIAMS	INTERIOR LATEX PAINT; ZERO VOC - EGGSHELL / EPOXY GLOSS	SW6871 POSITIVE RED	
PC	03 35 23.A01		POLISHED CONCRETE		
PL1	06 40 23.A16 / 12 32 00.A01	LAB DESIGNS	PLASTIC LAMINATE	WX045 NATURAL OLIVE, LS FINISH	
PL2	12 32 00.A01	WILSONART	PLASTIC LAMINATE	7910K-15 HIGHLINE	
PL3	12 32 00.A01	WILSONART	PLASTIC LAMINATE	4943-33 CLASSIC LINEN	
PL4	12 32 00.A01	WILSONART	PLASTIC LAMINATE	D427-60 LINEN (WHITE)	
PL5	12 32 00.A01	ARPA	PLASTIC LAMINATE	0665 LIGHTEST BLUE; ERRE FINISH	CAVE SPACE
PL6	12 32 00.A01	ARPA	PLASTIC LAMINATE	0245 MEDIUM BLUE; ERRE FINISH	CAVE SPACE
PL7	12 32 00.A01	ABET LAMINATI /PRINT	PLASTIC LAMINATE	549 BEI DARKEST BLUE	CAVE SPACE
PL8	12 32 00.A01	ARPA	PLASTIC LAMINATE	0645 RED; ERRE FINISH	CAVE SPACE
PL9	12 32 00.A01	ARPA	PLASTIC LAMINATE	0565 DARK GRAY; ERRE FINISH	
PL10	12 32 00.A01	WILSONART	PLASTIC LAMINATE	1500-60 GREY	INSTRUMENTAL STORAGE CASEWORK / WENGER CORPORATION
PL11	12 32 00.A01	WILSONART	PLASTIC LAMINATE	4674-60 EVENING TIGRIS	INSTRUMENTAL STORAGE COUNTERTOP / WENGER CORPORATION
RB1	09 65 13.A01	JOHNSONITE	RESILIENT BASE - 4"H STRAIGHT	DGT-469-4 MYSTIFY	
RB2	09 65 13.A01	JOHNSONITE	RESILIENT BASE - 4"H COVE	DC-032-4 PEBBLE	
RB3	09 65 13.A01	JOHNSONITE	RESILIENT BASE - 6"H PROFILED MILLWORK	REVEAL MX-32-F6; 32 PEBBLE	EXISTING CORRIDORS, CLASSROOMS
SC	03 30 00.A01		SEALED CONCRETE		
SS1	06 61 00.A01	SLOAN STONE	SOLID SURFACE	MFR FROST	RESTROOM SINKS
SS2	06 61 00.A01	CORIAN	SOLID SURFACE - 2CM EASED EDGES	WITCH HAZEL	TRANSACTION TOP
SS3	06 61 00.A01 / 12 32 00.A04	CORIAN	SOLID SURFACE - 2CM EASED EDGES	GLACIER ICE	COUNTER TOP
SS4	12 36 61.A03	CAESAR STONE	QUARTZ SURFACE - 2CM EASED EDGES	1 9141 ICE SNOW	
ST1	09 93 00.A02		WOOD STAIN / INTERIOR WOOD DOORS	RE: ROOM FINISH SCHEDULE, GENERAL FINISH NOTE #H	
T1	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP12 BLANCO; BRILLANT	
T2	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP44 GRIS GRAY; MATTE	
T3	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP31 ROUGE; MATTE	
T4	09 30 00.A01	RBC TILE & STONE / DESIGN POSITIVE	GLAZED CERAMIC WALL TILE - 8"X20"	EP57 BLEU BALTIQUE 06; MATTE	
T5	09 30 00.A01	CBT TILE / IMOLA	WALL TILE - 30CMX60CM / 12"X24"	HALL 36R, 071 RED; GLOSSY	6-8 WEEK LEADTIME
T6	09 30 00.A01	JOC SURFACES / MARAZZI	GLAZED CERAMIC WALL TILE - 4"X12"	SYSTEMS CITTA DIMENSIONAL BLANCO	
T7	09 30 00.A01	CENTRAL STATES TILE / KATELO	GLAZED CERAMIC WALL TILE - 4"X16"	COLOUR & DIMENSION, TAUPE MATTE GLOSS	CAFETERIA
T8	09 30 00.A01	CENTRAL STATES TILE / KATELO	GLAZED CERAMIC WALL TILE - 4"X16"	COLOUR & DIMENSION, ARCTIC WHITE GLOSS	CAFETERIA
T9	09 30 00.A01	CENTRAL STATES TILE / KATELO	GLAZED CERAMIC WALL TILE - 4"X16"	COLOUR & DIMENSION, RED REFFER BRIGHT GLOSS	CAFETERIA
TC1	10 21 13.A01	GENERAL PARTITIONS	TOILET COMPARTMENTS - HDP (HIGH DENSITY POLYMER)	605 GRANITE	
TG1	09 30 00.A01	MAPEI	TILE EPOXY GROUT- 1/16" JOINT	33 AVALANCHE	
WC1	09 77 23.A01	WOLF GORDON	ACOUSTICAL WALLCOVERING	FELT 601AM FROSTY	CALMING DEN - UPHOLSTERED WALLS
WC2	10 11 00.A03	FILZFELT	ACOUSTICAL WALLCOVERING - 8MM	5C3 MAGNOLIE	CALMING DEN - UPHOLSTERED BENCH
WC3	10 11 00.A03	DL COUCH / SOURCE ONE	WALLCOVERING - WRITE AWAY DRY ERASE MAGNETIC	WHITE, GLOSSY	
WD1	09 64 00.A01	SMITH & FONG / PLYBOO	WOOD FLOORING - 3 5/8"X72"X5/8" BAMBOO TONGUE & GROOVE PLANK	AMBER EDGE GRAIN W/ POLYURETHANE SYSTEM SCS-FS-02150	LEARNING STAIR, FLEX INSTRUCTION B119
WD2	06 40 23.A01	SMITH & FONG / PLYBOO	WOOD PLYWOOD - 3/4" BAMBOO	AMBER EDGE GRAIN PLYWOOD, BP-V4846A-NAUF/FSC	LEARNING STAIR, FLEX INSTRUCTION B119
WD3	06 40 23.A13		HARDWOOD MAPLE, PLAIN-SLICED	CUSTOM STAIN TO MATCH (LIGHTER PORTION OF PL1). CONTRACTOR TO SUBMIT SAMPLE FOR ARCHITECT APPROVAL.	TRELLIS
WD3	09 64 00.A01	SMITH & FONG / PLYBOO	WOOD TRIM AS WALL BASE - 6"H	AMBER EDGE GRAIN PLYWOOD, BP-V4846A-NAUF/FSC	LEARNING STAIR, FLEX INSTRUCTION B119
WG1	10 14 00.A11	3M - CUSTOM PRINTED VINYL ADHESIVE FILM FOR SMOOTH SURFACES	WALL GRAPHIC - ENVISION WRAP FILM SV480GV3 W/ 8549L ENVISION LUSTER OVERLAMINATE	CUSTOM GRAPHIC; ARTWORK PROVIDED BY ARCHITECT	MEDIA CENTER
WG2	10 14 00.A11	3M - SOLID COLOR VINYL ADHESIVE FILM FOR SMOOTH SURFACES	WALL GRAPHIC - SCOTCHCAL OPAQUE GRAPHIC FILM SERIES 1080	1080-M211 MATTE CHARCOAL METALLIC	MEDIA CENTER, FACE ENTRY
WG3	10 14 00.A13	3M - CUSTOM PRINTED ADHESIVE FILM FOR GLASS	WALL GRAPHIC - SCOTCHCAL CLEARVIEW FILM IJ8150 W/ 8914 SCOTCHCAL OPTICALLY CLEAR OVERLAMINATE	CUSTOM GRAPHIC, ARTWORK PROVIDED BY ARCHITECT	
WG4	08 81 13.A01	3M - STANDARD GLASS FILM	WALL GRAPHIC - FASARA FROSTED FILM	SH2MAMM; SAN MARINO, 52 MILKY MILKY	
WP1	09 77 23.A01	CARNEGIE FABRICS	TACKABLE FABRIC WRAPPED WALL PANELS	NATURALS, 7052 XS2 FORECAST	
WP2	09 77 23.A01	DESIGNTEX	TACKABLE FABRIC WRAPPED WALL PANELS	MELANGE 3442-101 BIRCH	
WP3	09 77 23.A01	DESIGNTEX	TACKABLE FABRIC WRAPPED WALL PANELS	MELANGE 3442-301 CERISE	
WP4	09 77 23.A01	CARNEGIE FABRICS	TACKABLE FABRIC WRAPPED WALL PANELS	FONTE III, 152	
WT1	12 24 13.A01	MECHO SYSTEMS	WINDOW TREATMENT - MAUNAL ROLLER SHADES	THERMOVEIL DENSE VERTICAL WEAVE SHADECLOTH; 100% GREY, 2-3% OPENNESS FACTOR	
WT2	12 24 13.A02	MECHO SYSTEMS	WINDOW TREATMENT - MOTORIZED ROLLER SHADES	THERMOVEIL DENSE VERTICAL WEAVE SHADECLOTH; 100% GREY, 2-3% OPENNESS FACTOR	

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BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.23.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
REGISTERED ARCHITECT
Nov 11, 2015
Kirk Christian Horner
A-2001016578

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MATERIAL FINISH LEGEND

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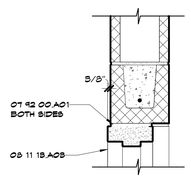
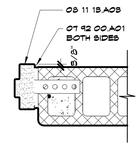
DOOR Number	Size	Type	Frame Type	Material	Grout	All DETAILS on A003 UNO Head	Strike	Hinge	Thresh	Fire Rating	Remarks
B100a	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--		H12/AB10	--	ALUMINUM FRAME TYPE 1
B100b	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--		H12/AB10	--	ALUMINUM FRAME TYPE 1
B100c	PR 3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 2
B100d	PR 3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 2
B101a	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 14
B101b	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B101c	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B101d	PR 3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 14
B102A	PR 2'-6" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B103	3'-0" x T'-0" x 1 3/4"	J	B	ALUM		A5/A521	A1B/A521		N1/S20	--	
B104	3'-0" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B105	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B106	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B107	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B108	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B109	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B110a	3'-0" x T'-0" x 1 3/4"	K	--	HM		--	--			--	ALUMINUM FRAME TYPE 18
B110b	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 17
B111a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B111b	3'-0" x T'-0" x 1 3/4"	E	1	ALUM		L8/A003	L11/A003			--	
B112	3'-0" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B113	3'-6" x T'-0" x 1 3/4"	A	1	HM		P14/A003	L14/A003			--	
B114a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
B114b	3'-0" x T'-0" x 1 3/4"	E	1	ALUM		L8/A003	L11/A003			--	
B115	3'-0" x T'-0" x 1 3/4"	A	1	ALUM		L8/A003	L11/A003			--	
B116a	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 15
B116b	3'-0" x T'-0" x 1/2"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 16
B116c	14'-0"x10'-10"	P	--	--		N14/A004	P9/A004		P12/A004		OPERABLE GLASS PARTITION
B117	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 15
B119	4'-0" x T'-0" x 1 3/4"	H	1	HM		P14/A003	L14/A003			60-MIN	DOUBLE-EGRESS
B120a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P8/A003	P11/A003			--	
B120b	3'-0" x T'-0" x 1 3/4"	H	1	HM		A1B/A004 (BIM)	M1/A1B0			60-MIN	
B120c	3'-0" x T'-0" x 1 3/4"	H	1	HM		P14/A003	M1/A1B0			60-MIN	
B121a	PR 3'-6" x 8'-0" x 1 3/4"	L	1	HM		K5/A004 (BIM)	G5/A004 (BIM)			--	
B121b	PR 3'-6" x 8'-0" x 1 3/4"	C	1	HM		K5/A004	G5/A004			--	HIGH WIND
B122	PR 4'-0" x 8'-0" x 1 3/4"	C	1	HM		K5/A004 (BIM)	G5/A004 (BIM)			--	HIGH WIND
B122a	PR 4'-0" x 8'-0" x 1 3/4"	L	1	HM		K5/A004	G5/A004			--	
B123b	PR 3'-6" x T'-2" x 1 3/4"	D	1	HM		M1B/A521	G1B/A521		N1/A520 (BIM)	--	HIGH WIND
B123c	PR 3'-6" x T'-2" x 1 3/4"	D	1	HM		M1B/A521	G1B/A521		N1/A520 (BIM)	--	HIGH WIND
B124	3'-0" x 8'-0" x 1 3/4"	L	1	HM		K5/A004	G5/A004			--	
B125a	PR 4'-0" x 8'-0" x 1 3/4"	A	1	HM		K5/A004	G5/A004			--	
B125b	4'-0" x 8'-0" x 1 3/4"	A	1	HM		K5/A004	G5/A004			--	
B126	3'-0" x 8'-0" x 1 3/4"	L	1	HM		K5/A004	G5/A004			--	
C100a	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--		N1/A004	--	ALUMINUM FRAME TYPE 18
C100b	3'-0" x T'-0" x 1 3/4"	H	1	HM		P8/A003	P11/A003			90-MIN	FV DOOR HEIGHT TO MATCH EXISTING
C101a	PR 3'-6" x T'-2" x 1 3/4"	C	1	HM		K5/A004 (BIM)	G5/A004 (BIM)			--	HIGH WIND
C101b	3'-0" x T'-2" x 1 3/4"	L	1	HM		J8/A003	J1B/A003			--	
C101c	PR 3'-6" x T'-2" x 1 3/4"	A	1	HM		P8/A003 (BIM)	P11/A003 (BIM)			--	
C102a	3'-0" x T'-2" x 1 3/4"	L	1	HM		P8/A003 (BIM)	P11/A003 (BIM)			--	
C102b	3'-0" x T'-0" x 1 3/4"	M	1	HM		J8/A003	J11/A003			--	
C102c	3'-0" x T'-0" x 1 3/4"	--	--	--		--	--			--	EXISTING DOOR: PAINT DOOR & FRAME P8
C103	3'-0" x T'-0" x 1 3/4"	K	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 19
C105a	PR 3'-0" x T'-0" x 1 3/4"	E	1	HM		P8/A004	P11/A004			--	
C105b	PR 3'-6" x T'-0" x 1 3/4"	B	1	ALUM		A1B/A004	M4/A521		N1/A520	--	
C105	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM						--	ALUMINUM FRAME TYPE 12
C109a	PR 3'-0" & 1'-4" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C109b	PR 3'-0" x T'-0" x 1 3/4"	J	--	ALUM		--	--			--	ALUMINUM FRAME TYPE 11
C112a	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C110b	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C110c	PR 4'-0" x T'-0" x 1 3/4"	A	1	HM						--	
C111a	4'-0" x T'-0" x 1 3/4"	H	1	HM		P8/A003	P11/A003			90-MIN	DOUBLE-EGRESS
C111b	PR 3'-0" x T'-0" x 1 3/4"	H	1	HM		P8/A003	P11/A003			90-MIN	FV DOOR HEIGHT TO MATCH EXISTING
C112a	14'-0" W x 9'-4" H	M	--	--		D5/A004	A5/A004				
C112b	14'-0" W x 9'-4" H	M	--	--		D5/A004	A5/A004				
C112c	14'-0" W x 9'-4" H	M	--	--		D5/A004	A5/A004				
C112d	3'-0" x T'-0" x 1 3/4"	--	--	--		--	--		--	--	REMOVE EXTERNAL HARDWARE; ADD FACEPLATE; PAINT DOOR/FRAME
C112e	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C119a	55'-0" x T'-10"	C	--	--		P8/A004	A1/A1B0		F1/A004		SIDE COILING DOOR
C119b	4'-0" x T'-0" x 1 3/4"	B	1	ALUM		A1B/A004 (BIM)	M4/A521		N1/A520	--	
C119c	4'-0" x 4'-0"	R	--	--		D12/A004	G12/A004				
C114	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C116	3'-0" x T'-0" x 1 3/4"	B	1	HM		P8/A003	P11/A003			--	
C117a	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
C117b	4'-0" x 4'-0"	R	--	--		D12/A004	G12/A004				
C117c	4'-0" x 4'-0"	R	--	--		D12/A004	G12/A004				
C119	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D100a	PR 3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D100b	PR 3'-0" x T'-0" x 1 3/4"	B	1	ALUM		A1B/A004 (BIM)	M4/A521		N1/A520	--	
D100c	4'-0" x T'-0" x 1 3/4"	H	1	HM		M1/A1B2 (BIM)	M4/A521 (BIM)			90 MIN	
D101	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D104a	16'-6" L x 8'-0" H F.V.	N	--	--		A1/A004	G1/A004			--	FOLDING ACOUSTICAL PARTITION
D104b	3'-0" x T'-0" x 1 3/4"	E	1	HM		P8/A003	P11/A003			--	
D105a	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D107	3'-6" x T'-0" x 1 3/4	E	2	HM		P8/A003	P11/A003			--	
D108a	3'-6" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D108b	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D109	3'-0" x T'-0" x 1 3/4"	A	1	HM		J8/A003	J11/A003			--	
D110	3'-0" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
D111	3'-6" x T'-0" x 1 3/4"	A	1	HM		P8/A003	P11/A003			--	
E100a	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 20
E100b	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 20
E100c	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 21
E100d	3'-6" x T'-0"	I	--	ALUM		--	--				ALUMINUM FRAME TYPE 21
E101	3'-0" x T'-0" x 1 3/4"	M	1	HM		L8/A003	L11/A003			--	
E102	3'-0" x T'-0" x 1 3/4"	M	1	HM		L8/A003	L11/A003			--	
E105a	3'-0" x T'-0" x 1 3/4	M	2	HM		L8/A003	L11/A003			--	
E105b	PR 3'-0" x T'-0" x 1 3/4"	M	1	HM		P14/A003	L14/A003				
E105c	PR 3'-0" x T'-0" x 1 3/4"	M	1	HM		P14/A003	L14/A003				
E104	3'-6" x T'-0" x 1 3/4"	A	1	HM		L8/A003	L11/A003			--	
ETR	3'-0" x T'-0" x 1 3/4"	--	--	--		--	--			--	EXISTING DOOR FRAMES TO REMAIN; PAINT INSIDE & OUT @ AREA C
G106a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
G106b	14'-0"XT-10"	P	--	--		N14/A004	P9/A004		P12/A004		OPERABLE GLASS PARTITION
G107a	3'-0" x T'-0" x 1 3/4"	E	1	HM		P14/A003	L14/A003			--	
G107b	14'-0"XT-10"	P	--	--		N14/A004	P9/A004		P12/A004		OPERABLE GLASS PARTITION

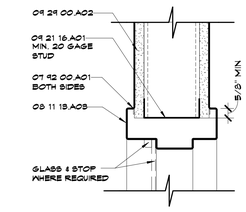
RE PROJECT MANUAL FOR DOOR HARDWARE SPECS



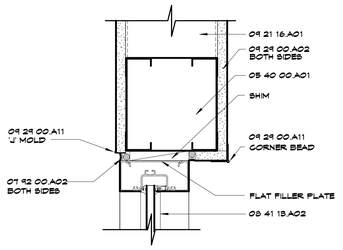
P8 Scale 1 1/2" = 1'-0" — HM Head @ CMU



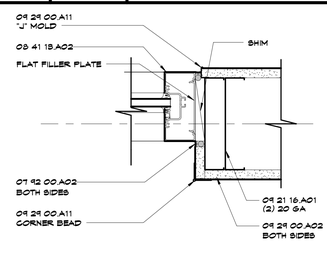
P11 Scale 1 1/2" = 1'-0" — HM Jamb @ CMU



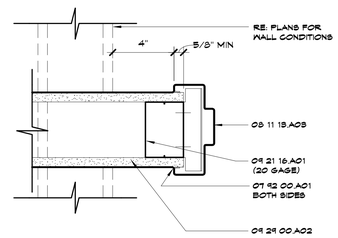
P14 Scale 3" = 1'-0" — HM Head @ Metal Stud



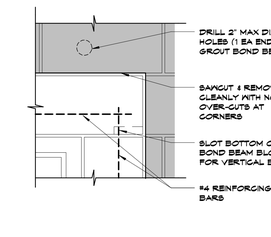
L8 Scale 3" = 1'-0" — Storefront Head @ Stud Wall (Interior)

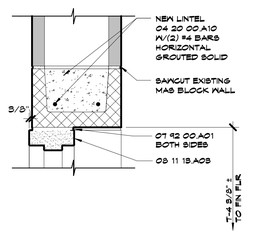


L11 Scale 3" = 1'-0" — Storefront Jamb @ Stud Wall (Interior)

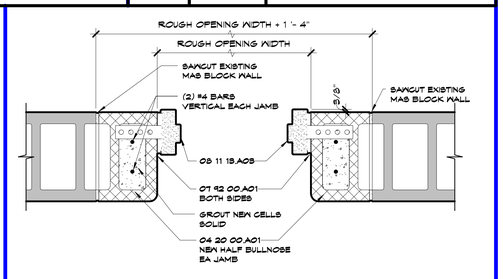


L14 Scale 3" = 1'-0" — HM Jamb @ Metal Stud

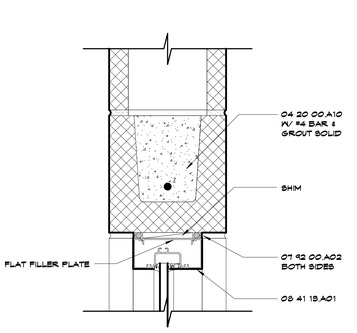




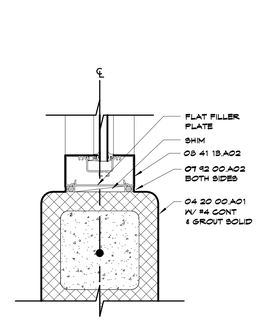
J8 Scale 1 1/2" = 1'-0" — HM Head Retrofit @ CMU Wall (Interior Only)



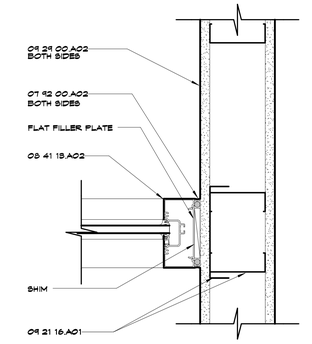
J13 Scale 1 1/2" = 1'-0" — HM Jamb Retrofit @ CMU



D8 Scale 3" = 1'-0" — Storefront Head @ CMU Wall (Interior)



D11 Scale 3" = 1'-0" — Storefront Jamb @ CMU Wall (Interior)



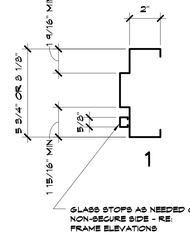
D14 Scale 3" = 1'-0" — Storefront Jamb Along Stud Wall (Interior)

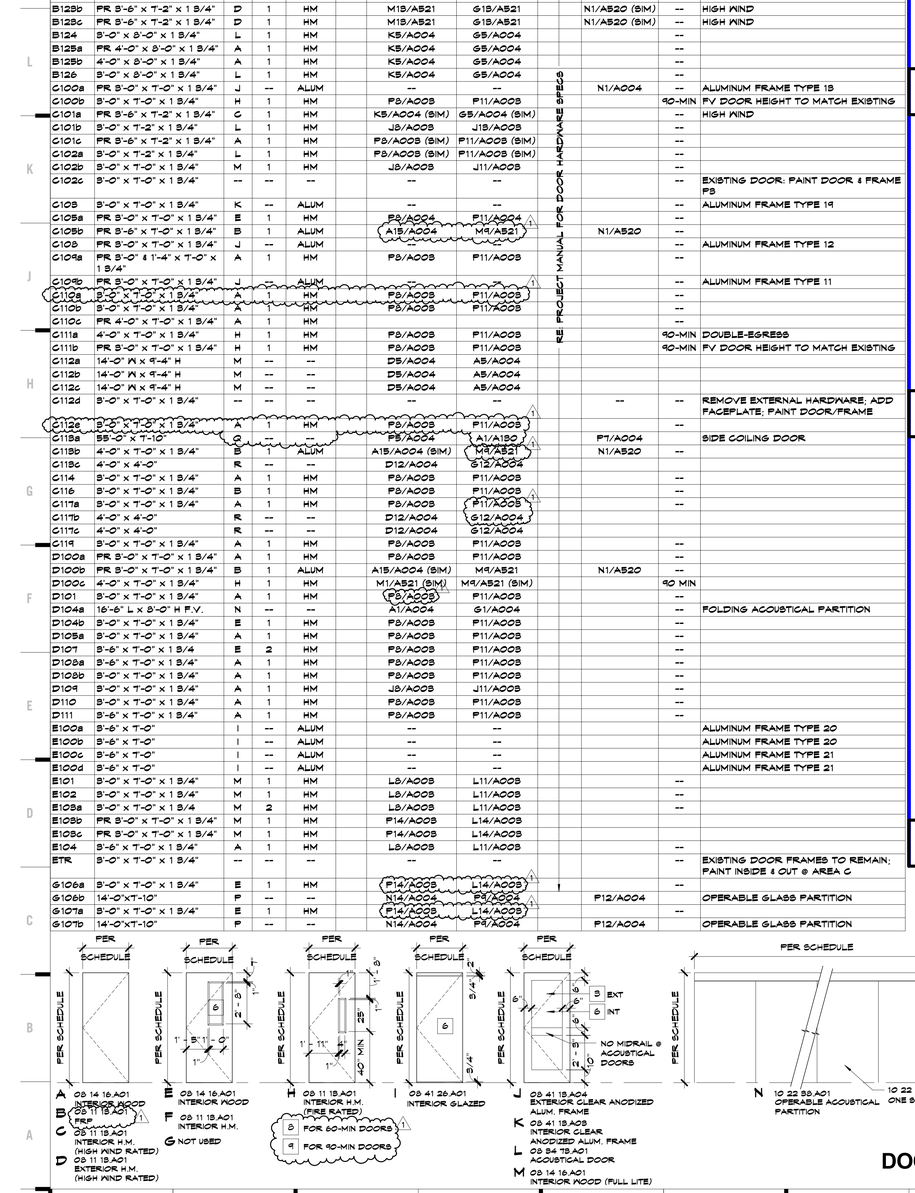
SHEET KEYNOTE LEGEND

04 20 00 A01	CONCRETE MASONRY UNITS
04 20 00 A10	MASONRY LINTELS (SITE CAST)
05 40 00 A01	COLD-FORMED METAL FRAMING
07 92 00 A01	SEALANT
07 92 00 A02	SEALANT W/BACKER ROD
08 11 1B A01	HOLLOW METAL DOOR
08 11 1B A03	HOLLOW METAL FRAME
08 14 16 A01	SOLID CORE FLUSH WOOD DOORS
08 33 23 A03	OVERHEAD COILING COUNTER DOORS
08 33 36 A01	SIDE COILING GRILLE (MANUAL)
08 34 19 A01	INTERIOR VERTICAL-FOLDING BI-FOLD DOOR
08 34 1B A01	METAL ACOUSTICAL DOOR ASSEMBLY
08 41 1B A01	STOREFRONT FRAMING (THERMAL BROKEN)
08 41 1B A02	STOREFRONT FRAMING (NON-THERMAL BROKEN)
08 41 1B A03	ALUMINUM DOOR
08 41 1B A04	ALUMINUM DOOR (HEAVY DUTY)
08 41 1B A1B	SLIDING ALUMINUM DOOR
08 41 26 A01	ALL-GLASS ENTRANCES
09 21 16 A01	NON-STRUCTURAL FRAMING
09 29 00 A02	GYPSUM BOARD - TYPE X
09 29 00 A11	GYPSUM BOARD TRIM
10 14 00 A1B	INTERIOR VINYL GRAPHICS (GLASS SUBSTRATE)
10 22 39 A01	OPERABLE ACOUSTICAL PARTITION
10 22 39 A06	DRY-ERASE SURFACE

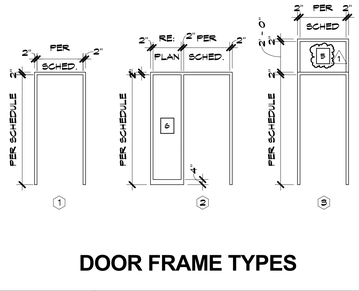
GLASS LEGEND

1. LOW-E TINTED INSULATED GLASS - 08 80 00 A19
2. LOW-E TINTED INSULATED FULLY-TEMPERED GLASS - 08 80 00 A20
3. LOW-E TINTED INSULATED LAMINATED GLASS - 08 80 00 A26
4. CLEAR INSULATED LAMINATED GLASS - 08 80 00 A25
5. CLEAR MONOLITHIC FLOAT GLASS - 08 80 00 A01 1/2" OR 5/8" @ WALLS & OPERABLE PARTITIONS 1/4" @ DISPLAY CASES ONLY
6. CLEAR FULLY-TEMPERED MONOLITHIC FLOAT GLASS - 08 80 00 A02 1/2" OR 5/8"
7. LOW-E INSULATED SPANDREL GLASS - 08 80 00 A22
8. 60-MIN FIRE-RATED GLAZING - 08 80 00 A28
9. 90-MIN FIRE-RATED GLAZING - 08 80 00 A28





DOOR TYPES



DOOR FRAME TYPES

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Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD
CHECKED BY: GS/KO
DATE: 11.11.2015

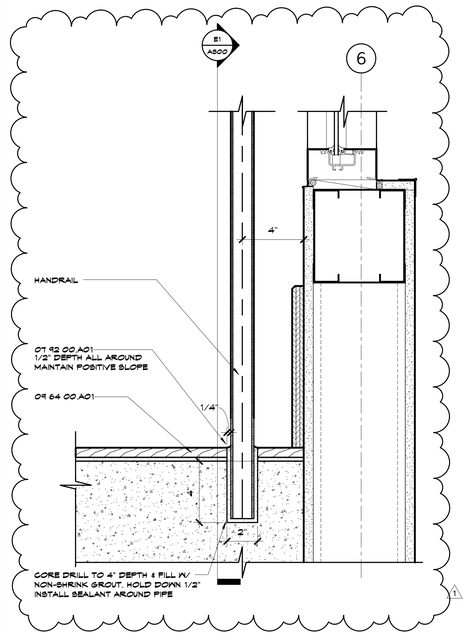
A003

OF

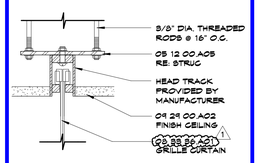
DOOR SCHEDULE

11/24/2015 3:27:46 PM

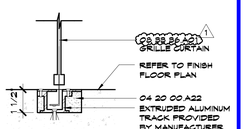
Please consider the environment before printing this.



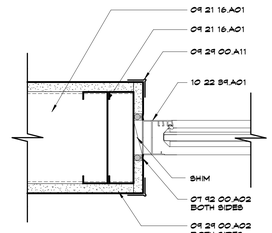
K1 Scale 3" = 1'-0" — Storefront Sill @ Learning Stair



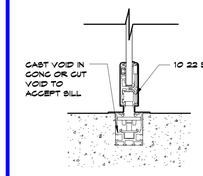
P5 Scale 3" = 1'-0" — Head @ Side Coiling Door



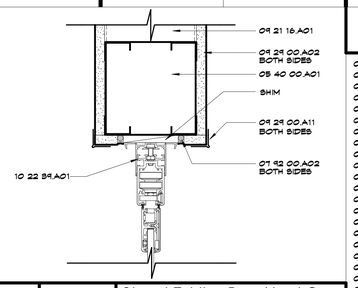
P7 Scale 3" = 1'-0" — Threshold @ Side Coiling Door



P9 Scale 3" = 1'-0" — Glazed Folding Door Jamb @ Stud Wall (Interior)



P12 Scale 3" = 1'-0" — Glazed Folding Door Sill @ Floor (Interior)



N14 Scale 3" = 1'-0" — Glazed Folding Door Head @ Stud Wall (Interior)

SHEET KEYNOTE LEGEND

05 41 00 A01	PRECAST STRUCTURAL CONCRETE
04 20 00 A01	CONCRETE MASONRY UNITS
04 20 00 A10	MASONRY LINTELS (SITE CAST)
04 20 00 A11	MASONRY BOND BEAM
04 20 00 A12	FACE BRICK
04 20 00 A19	MORTAR
04 20 00 A22	GROUT
04 20 00 A24	MASONRY JOINT REINFORCEMENT
04 20 00 A26	ADJUSTABLE MASONRY VENEER ANCHORS
04 20 00 A81	METAL DRIP EDGES
04 20 00 A82	EMBEDDED FLEXIBLE FLASHING
04 20 00 A84	FLASHING TERMINATION BARS
04 20 00 A40	CAVITY DRAINAGE MATERIAL
04 22 00 A45	CAVITY WALL INSULATION
05 12 00 A02	W SHAPE
05 12 00 A05	PLATE
05 12 00 A06	COLD-FORMED HSS
05 40 00 A01	COLD-FORMED METAL FRAMING
05 50 00 A22	LOOSE STEEL LINTEL
06 10 00 A18	WOOD BLOCKING/NAILERS
06 10 00 A16	FIRE-RETARDANT TREATED WOOD BLOCKING & NAILERS
06 16 00 A02	FIRE-RETARDANT TREATED PLYWOOD
06 40 23 A18	ORNAMENTAL WOODWORK
07 21 00 A05	UNFACED GLASS-FIBER BOARD INSULATION
07 21 00 A08	UNFACED GLASS FIBER BLANKET INSULATION
07 27 26 A01	VAPOR RETARDING AIR BARRIER COATING
07 92 00 A01	SEALANT
07 92 00 A02	SEALANT W/BACKER ROD
07 95 00 A06	WALL-TO-WALL JOINT SYSTEM
08 11 13 A08	HOLLOW METAL FRAME
08 33 23 A06	OVERHEAD COILING FIRE-RATED SERVICE DOORS
08 33 23 A01	SIDE COILING GRILLE (MANUAL)
08 34 19 A01	INTERIOR VERTICAL-FOLDING BI-FOLD DOOR
08 41 13 A01	STOREFRONT FRAMING (THERMAL BROKEN)
08 41 13 A02	STOREFRONT FRAMING (NON-THERMAL BROKEN)
08 41 26 A01	ALL-GLASS ENTRANCES
09 21 16 A01	NON-STRUCTURAL FRAMING
09 21 16 A02	HAT-SHAPED RIGID FURRING CHANNELS
09 21 16 A03	RESILIENT FURRING CHANNELS
09 29 00 A02	GYPSUM BOARD - TYPE X
09 29 00 A11	GYPSUM BOARD TRIM
09 29 00 A13	REVEAL TRIM
09 51 13 A01	ACOUSTICAL CEILING PANELS
09 64 00 A01	FACTORY-FINISHED WOOD FLOORING
10 22 33 A01	OPERABLE ACOUSTICAL PARTITION
10 22 39 A01	OPERABLE GLASS-PANEL PARTITION (MANUAL)

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Mechanical, Electrical, & Plumbing Engineering
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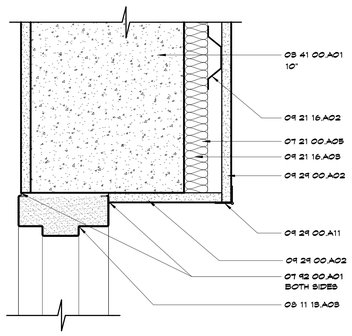
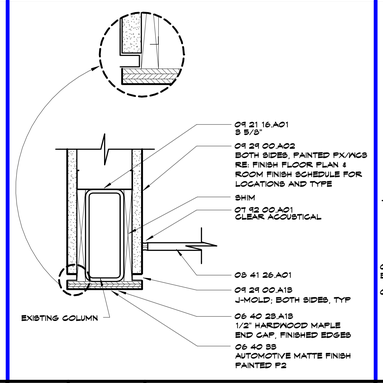
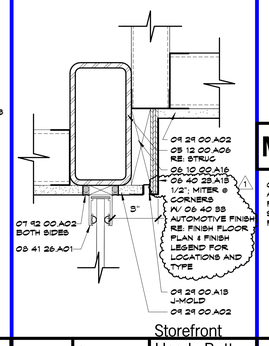
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax



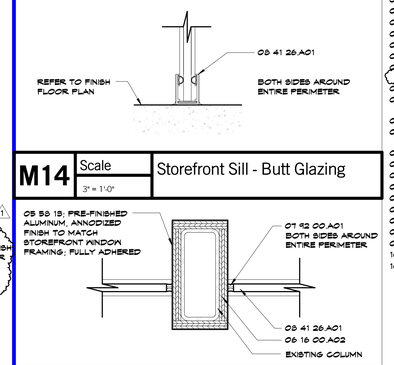
K5 Scale 3" = 1'-0" — HM Head @ Precast w/ Sound Assembly



K9 Scale 3" = 1'-0" — Storefront Jamb - Butt Glazing



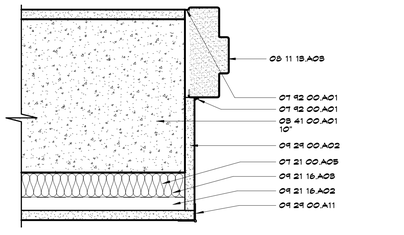
K12 Scale 3" = 1'-0" — Storefront Head - Butt Glazing



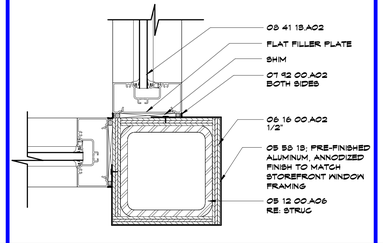
M14 Scale 3" = 1'-0" — Storefront Sill - Butt Glazing

K14 Scale 3" = 1'-0" — Storefront Jamb @ Column - Butt Glazing

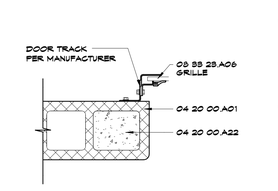
G1 Scale 1 1/2" = 1'-0" — Jamb @ Operable Wall



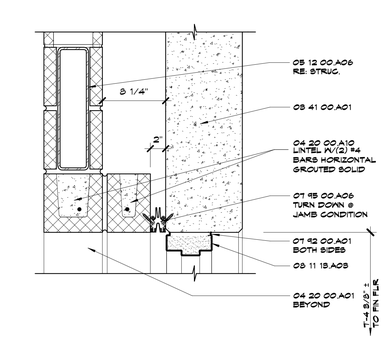
G5 Scale 3" = 1'-0" — HM Jamb @ Precast w/ Sound Assembly



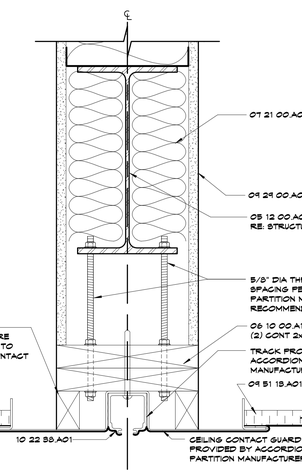
G9 Scale 3" = 1'-0" — Storefront Jamb @ Corner



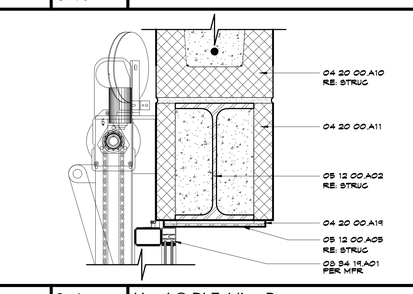
G12 Scale 1 1/2" = 1'-0" — Jamb Detail at Overhead Coiling Door



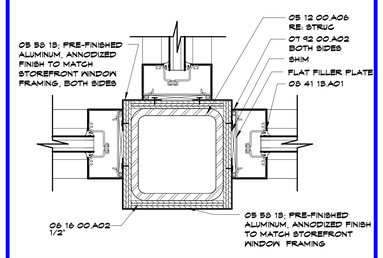
F15 Scale 1 1/2" = 1'-0" — Head Detail @ Storm Shelter



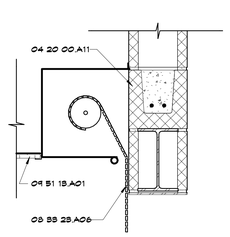
A1 Scale 3" = 1'-0" — Head @ Ceiling Detail - Operable Wall



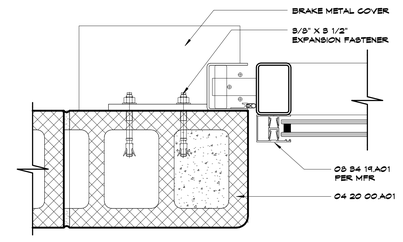
D5 Scale 3" = 1'-0" — Head @ Bi-Folding Door



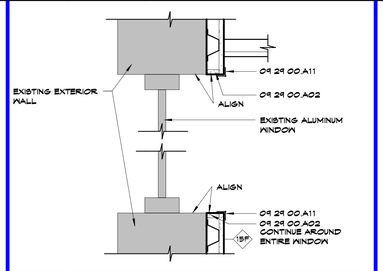
D9 Scale 3" = 1'-0" — Storefront Jamb @ B101 Reception



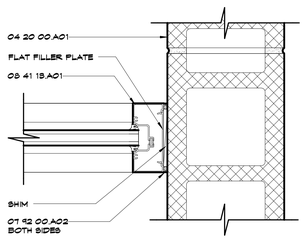
D12 Scale 1 1/2" = 1'-0" — Coiling Door Head



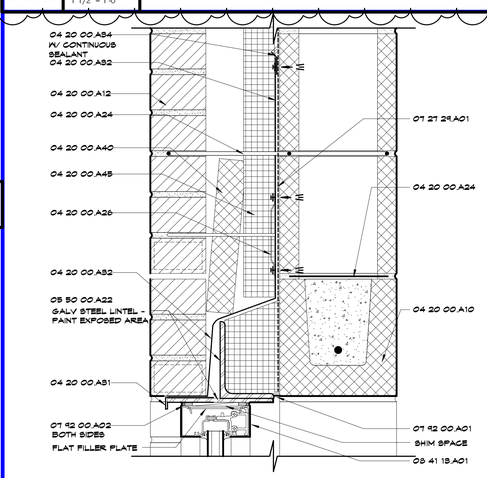
A5 Scale 3" = 1'-0" — Jamb @ Bi-Fold Door



A9 Scale 1 1/2" = 1'-0" — Furring Detail @ Existing Windows - C101 Ensemble



A12 Scale 3" = 1'-0" — Storefront Jamb Along CMU



A15 Scale 3" = 1'-0" — Storefront Head @ Brick & CMU w/CMU Lintel - (Openings Less Than 8'-0")

Ozark Junior High Additions & Renovations
Ozark R-VI School District
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BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.23.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
KIRK CHRISTIAN HORNER
A-2001016578

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JOB NO: 15029
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CHECKED BY: GS/KO
DATE: 11.11.2015

A004

OF

DOOR AND WINDOW DETAILS

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SHEET KEYNOTE LEGEND

05 50 00 A06	METAL LADDER
10 21 23 A01	CUBICLE CURTAIN

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Ozark R-VI School District

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REVISIONS:

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STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
REGISTERED ARCHITECT
11.24.2015
Kirk Christian Horner
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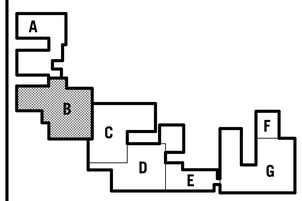
KEY PLAN



A102

_____ OF _____

FLOOR PLAN - AREA B

A1 | Scale 1/8" = 1'-0" | Area Floor Plan - Area B

11/24/2015 3:18:23 PM

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SHEET KEYNOTE LEGEND

05 50 00 A06 METAL LADDER

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BID DOCUMENTS

Ozark Junior High Additions & Renovations

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REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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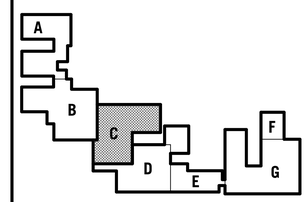
DATE: 11.11.2015

KEY PLAN



A103

OF

FLOOR PLAN - AREA C

A1 | Scale 1/8" = 1'-0" | Area Floor Plan - Area C

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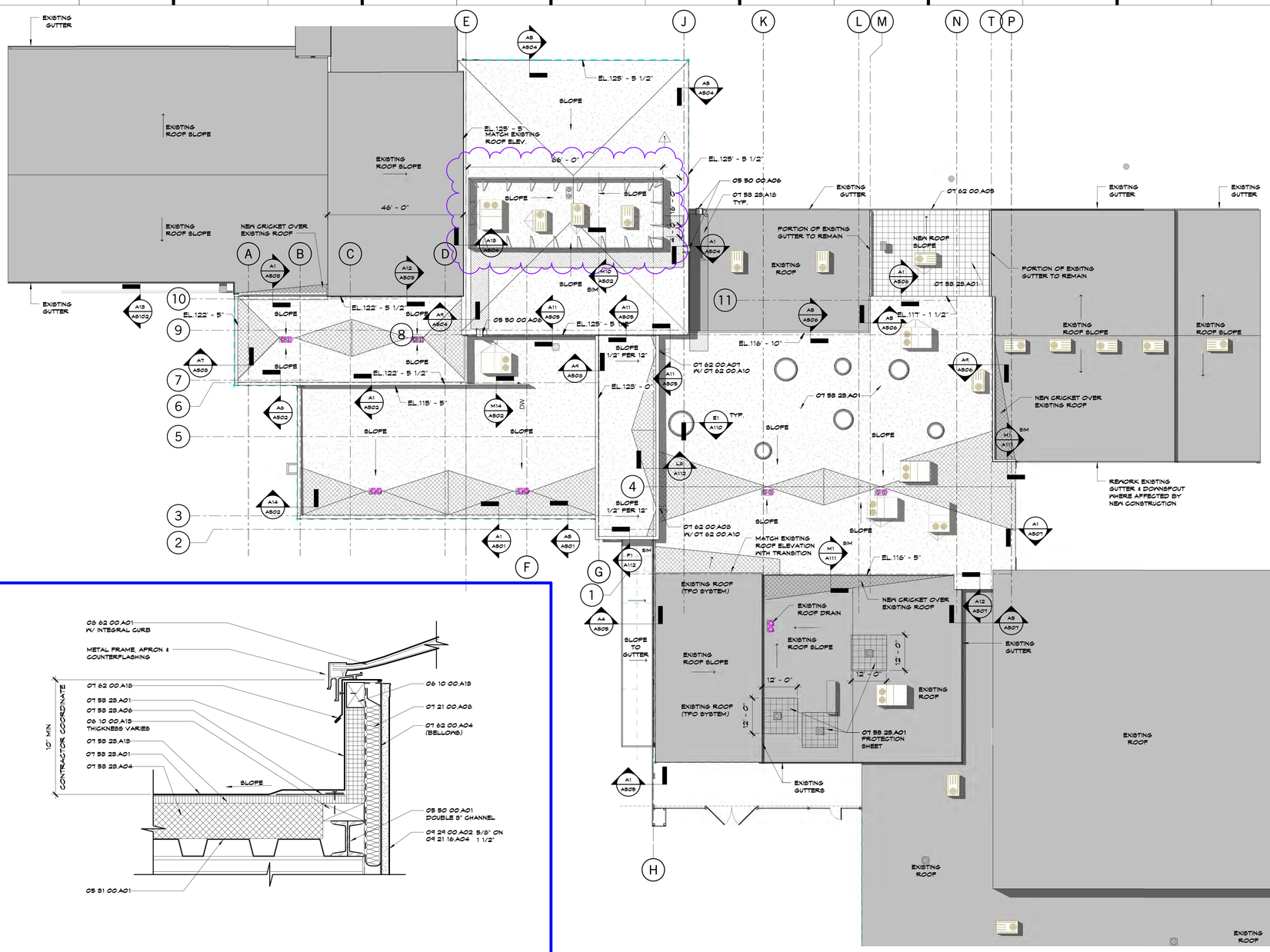


ROOF LEGEND

- EXISTING ROOF
- NEW ROOF
- AREA OF EXISTING ROOF TO BE REPLACED
- NEW TAPERED INSULATION/ CRICKET
- NEW EPDM WALKWAY (07 55 23A.A1B)

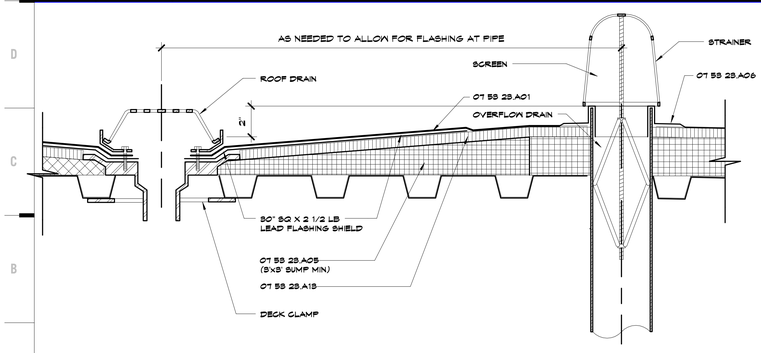
SHEET NOTES:
1. ALL ROOF SYSTEMS, EXISTING AND NEW, TO BE 07 55 23A.A01 UNLESS OTHERWISE NOTED.
2. SLOPE ALL NEW ROOFS 1/4" PER 12" MIN.
3. PROVIDE 60" WIDE EPDM ROOFING WALKWAY (07 55 23A.A1B) AT SERVICE PANEL SIDE OF ALL ROOF TOP UNITS FOR THE LENGTH OF UNIT.

SHEET KEYNOTE LEGEND

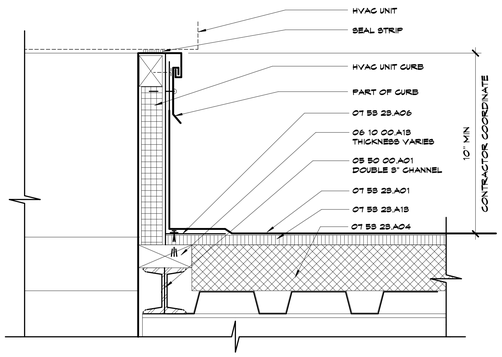
05 31 00.A01	ROOF DECK
05 50 00.A01	MISC STEEL FRAMING/SUPPORTS
05 50 00.A06	METAL LADDER
06 10 00.A1B	WOOD BLOCKING/NAILERS
07 21 00.A05	UNFACED GLASS FIBER BLANKET INSULATION
07 55 23.A01	ADHERED EPDM ROOFING SYSTEM
07 55 23.A04	ROOF INSULATION
07 55 23.A05	TAPERED INSULATION
07 55 23.A06	SHEET FLASHING
07 55 23.A1B	COVERBOARD
07 55 23.A1D	WALKWAYS
07 62 00.A04	FLEXIBLE MEMBRANE CLOSURE
07 62 00.A05	HANGING GUTTERS
07 62 00.A07	DOWNSPOUTS
07 62 00.A08	SCUPPERS
07 62 00.A10	SPLASH PANS
07 62 00.A1B	COUNTER FLASHING
07 72 00.A12	VENT STACK FLASHING
07 92 00.A01	SEALANT
08 62 00.A01	UNIT SKYLIGHTS
09 21 16.A04	Z-SHAPED FURRING
09 29 00.A02	GYPSUM BOARD - TYPE X

E1 Scale 3" = 1'-0" — Roof Detail @ Skylight Curb Flashing (TYP.)

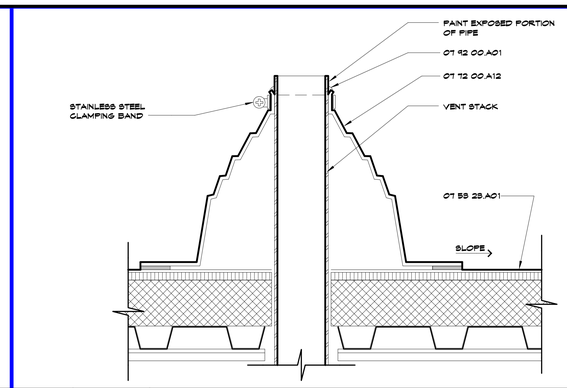
E7 Scale 1/16" = 1'-0" — Roof Plan



A1 Scale 3" = 1'-0" — Roof Detail @ Overflow Drain (TYP.)



A7 Scale 3" = 1'-0" — Roof Detail @ Premanufactured Curb (TYP.)



A12 Scale 3" = 1'-0" — Roof Detail @ Vent Stack Flashing (TYP.)

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Structural #: 2006021333

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BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT

Kirk Christian Horner
A-2001016578

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A110

OF

ROOF PLAN

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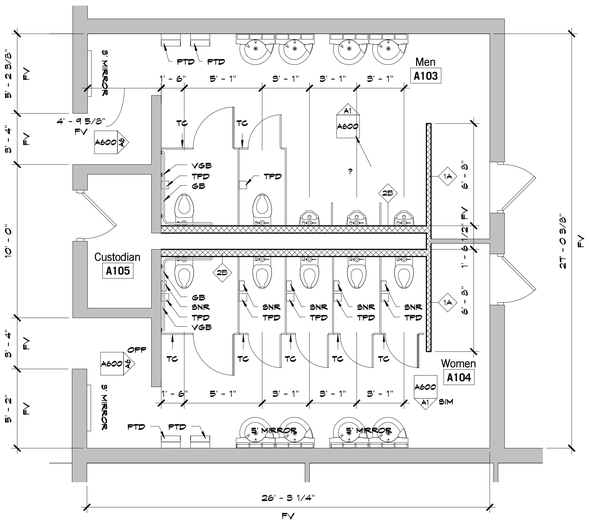
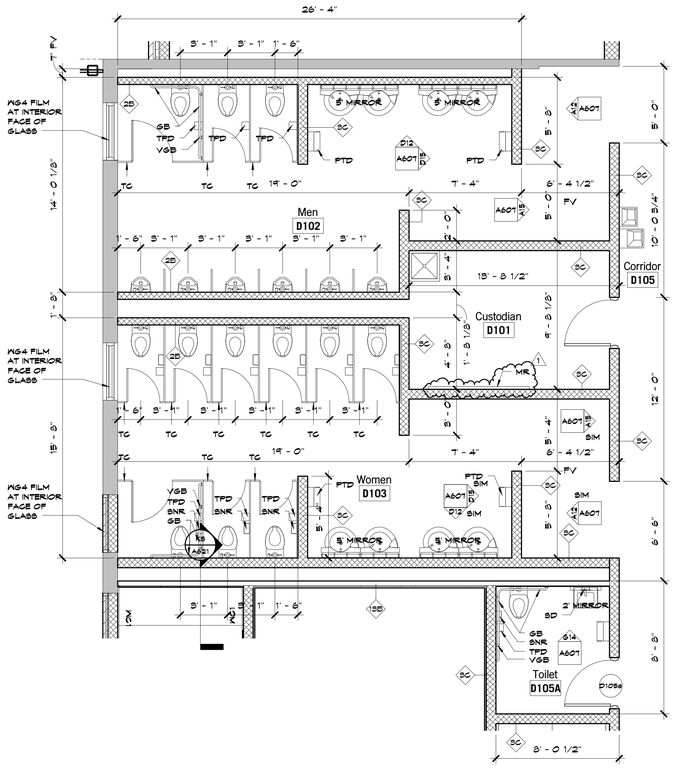
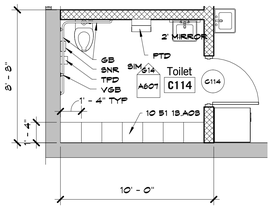


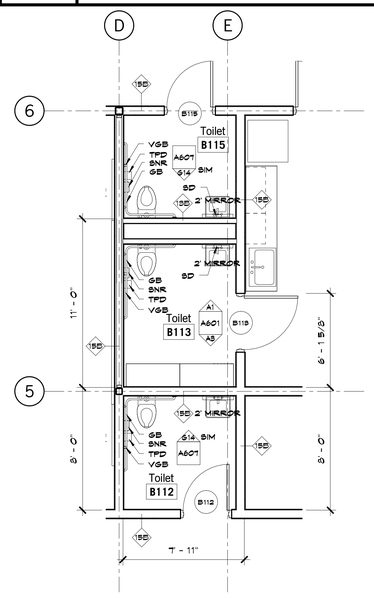
J1 Scale 1/4" = 1'-0" — Enlarged Plan - A103 Men & A104 Women - Alternate #8 (1)



A1 Scale 1/4" = 1'-0" — Enlarged Plan - D101 Men & D102 Women



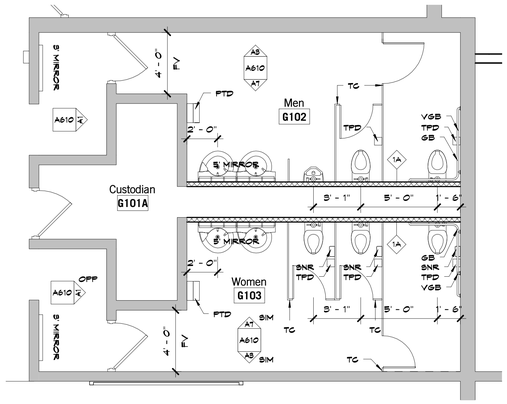
F7 Scale 1/4" = 1'-0" — Enlarged Pan - C114 Toilet (1)



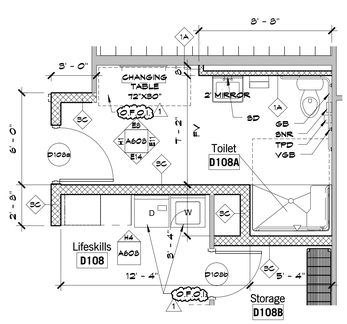
A7 Scale 1/4" = 1'-0" — Enlarged Plan - B112, B113 & B115 Toilets

ACCESSORY LEGEND			
ABBREV	ACCESSORY	KEYNOTE	MOUNTING HEIGHT
MI	FULL HEIGHT MIRROR, FRAMED (86" WIDE X 72" TALL)	10 29 00 A05 C.F.C.I.	1'-0" AFF TO BOTTOM OF REFLECTIVE SURFACE
TC	TOILET COMPARTMENTS	10 21 13.A01 C.F.C.I.	SEE SPECIFICATIONS
GB	GRAB BARS	10 28 00 C.F.C.I.	2'-10" AFF (42" SIDE/36" BACK)
VGB	VERTICAL GRAB BARS	10 28 00 C.F.C.I.	5'-4" AFF TO BOTTOM OF BAR, 5'-4" FROM WALL
TPD	TOILET PAPER DISPENSER	O.F.O.I.	1'-0" ABOVE GRAB BAR, 2'-0" FROM WALL
SD	SOAP DISPENSER	O.F.O.I.	DIRECTLY ABOVE SINK RIM
FTD (1)	PAPER TOWEL DISPENSER (OWNER INSTALLED)	O.F.O.I.	5'-4" AFF
SNR	SANITARY NAPKIN RECEPTACLE	O.F.O.I.	1'-1" AFF
MR	MOP RACK 4 SHELF	10 28 00 A23 C.F.O.I.	

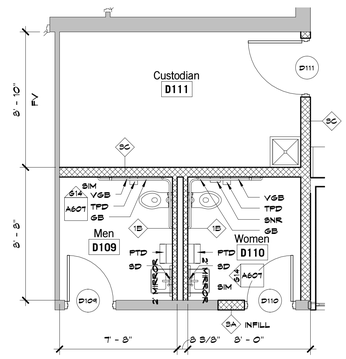
(1)



F11 Scale 1/4" = 1'-0" — Enlarged Plan - G102 Men & G103 Women - Alternate #8 (1)



A11 Scale 1/4" = 1'-0" — Enlarged Plan - D108 Toilet



A14 Scale 1/4" = 1'-0" — Enlarged Plan - D109 Men & D110 Women

SHEET KEYNOTE LEGEND

10 51 13.A05 KITCHEN LOCKERS

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BID DOCUMENTS

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REVISIONS:

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1	Addendum No. 1	11.23.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — ARCHITECT
Nov 11, 2015
Kirk Christian Horner
A-2001016578

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A120

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ENLARGED PLANS - RESTROOMS

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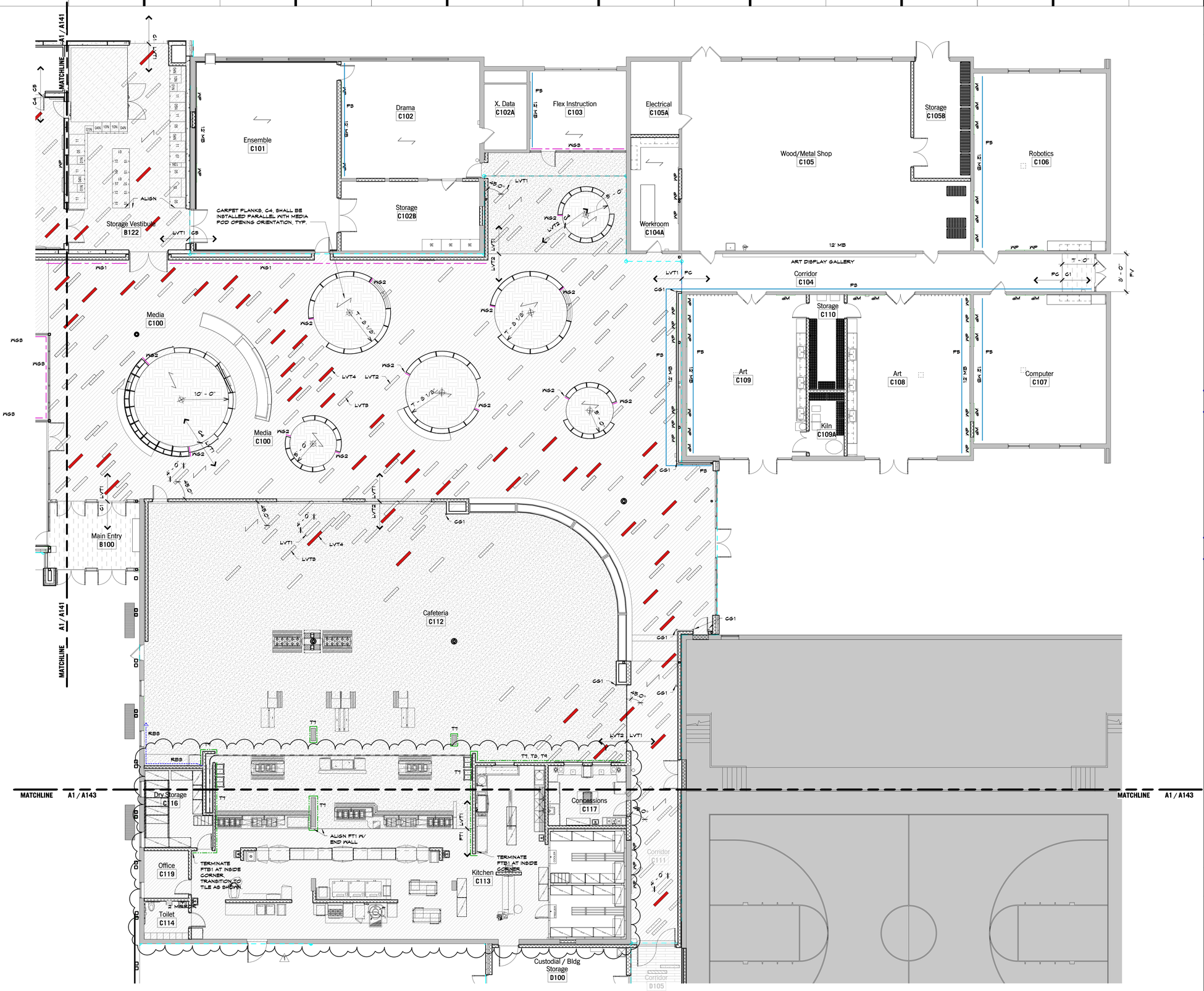


WALL FINISH LEGEND

- WALL GRAPHIC: WGX
- ACCENT PAINT: PX
- WALLCOVERING: WCX
- CERAMIC WALL TILE: TX
- WOOD BASE: WDB1
- RESILIENT BASE: RBX

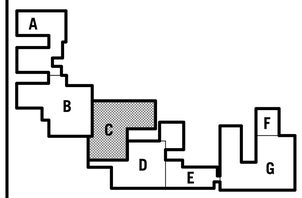
ALL WALL FINISHES ARE NOT GRAPHICALLY SHOWN, ONLY THOSE FOR CLARIFICATION. REFER TO SHEET A000 FOR ALL LOCATIONS.

FLOOR FINISH LEGEND

- CORNER GUARD, CG1
- GRAIN DIRECTION
- EXISTING
- WALK OFF CARPET TILE, C1
- CARPET TILE, C2
- KINETEX CARPET TILE, C3
- CARPET TILE, C4
- RESINOUS TOPPING, FT1
- LUXURY VINYL TILE, LVT1
- LVT2
- LVT3
- LVT4
- WOOD PLANK, WD1

ALL FLOOR FINISHES ARE NOT GRAPHICALLY SHOWN, ONLY THOSE FOR PATTERN AND TRANSITION CLARIFICATION. REFER TO SHEET A000 FOR ALL LOCATIONS.

KEY PLAN



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f 913.451.0220

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f 816.525.3028

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Structure # 2006021333

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Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority # EGC-000178
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI · KIRK CHRISTIAN HORNER · NUMBER A-2001016578 · REGISTERED ARCHITECT
11.11.2015
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: AVL
CHECKED BY: GS/KO
DATE: 11.11.2015

A142

OF

FINISH FLOOR PLAN - AREA C

A1 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area C

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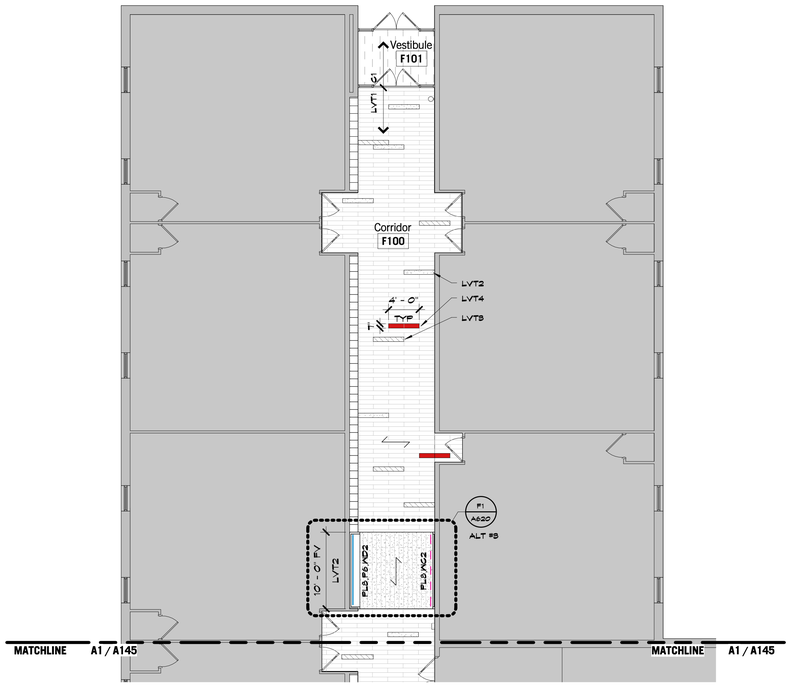
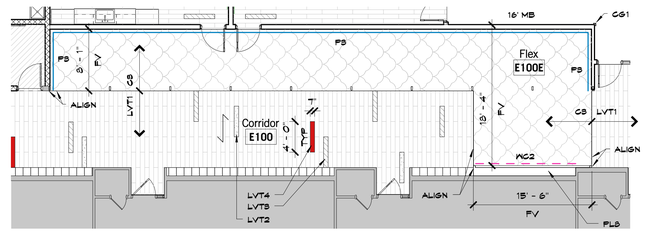
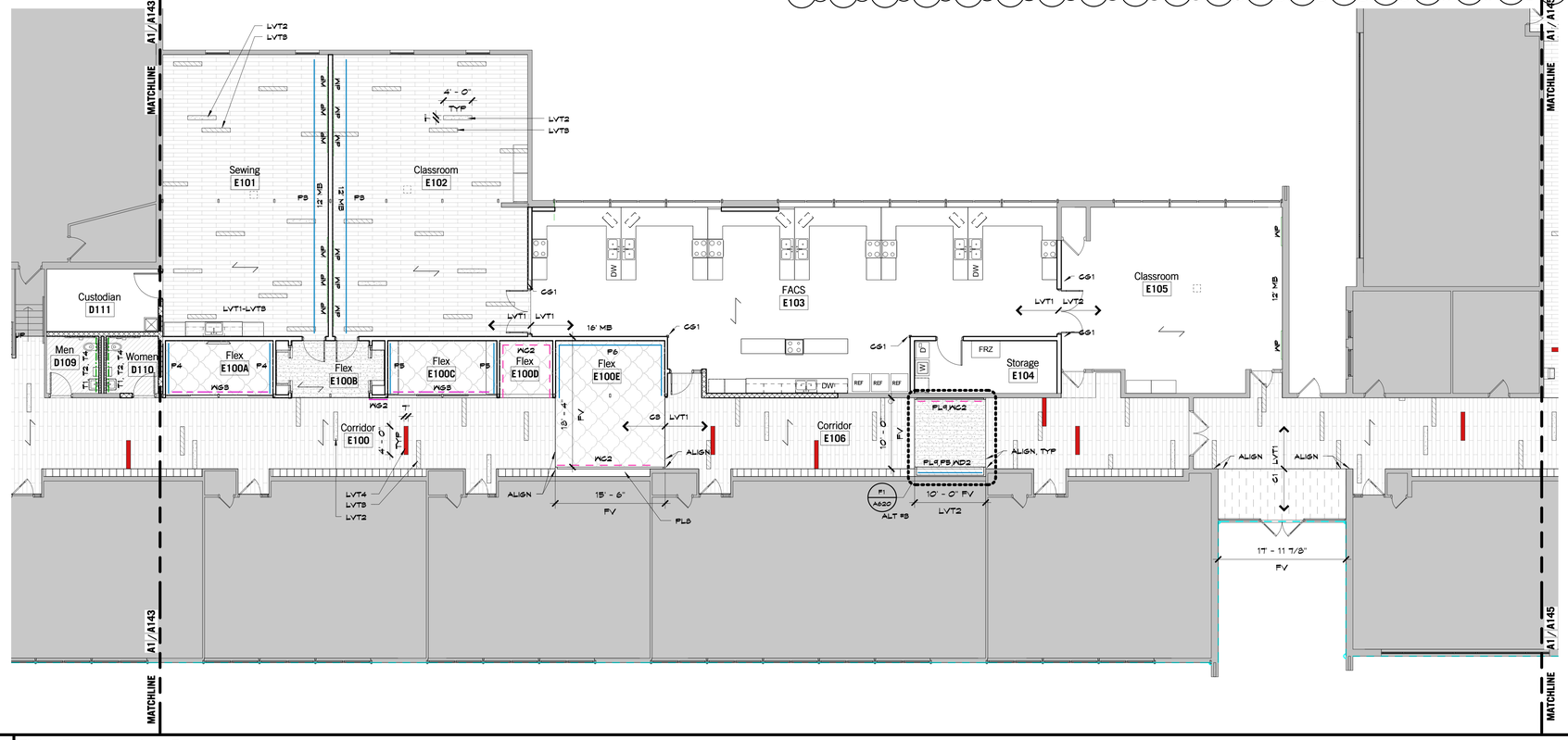


J1 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area F



J9 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area E - Base Bid



A1 | Scale 1/8" = 1'-0" | Finish Floor Plan - Area E

WALL FINISH LEGEND

- WALL GRAPHIC: WGX
- ACCENT PAINT: PX
- WALLCOVERING: WCX
- CERAMIC WALL TILE: TX
- WOOD BASE: WDB1
- RESILIENT BASE: RBX

ALL WALL FINISHES ARE NOT GRAPHICALLY SHOWN, ONLY THOSE FOR CLARIFICATION. REFER TO SHEET A000 FOR ALL LOCATIONS.

FLOOR FINISH LEGEND

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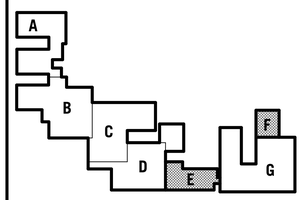
- GRAIN DIRECTION
- EXISTING
- WALK OFF CARPET TILE, C1
- CARPET TILE, C2
- KINETEX CARPET TILE, C3
- CARPET TILE, C4
- RESINOUS TOPPING, FT1
- LUXURY VINYL TILE, LVT1
- LVT2
- LVT3
- LVT4
- WOOD PLANK, WD1

ALL FLOOR FINISHES ARE NOT GRAPHICALLY SHOWN, ONLY THOSE FOR PATTERN AND TRANSITION CLARIFICATION. REFER TO SHEET A000 FOR ALL LOCATIONS.

KEY PLAN



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Structural # 2006031333

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BID DOCUMENTS

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Ozark R-VI School District
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PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER
A-2001016578
ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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CHECKED BY: GS/KO
DATE: 11.11.2015

A144

OF

FINISH FLOOR PLAN - AREA E & F

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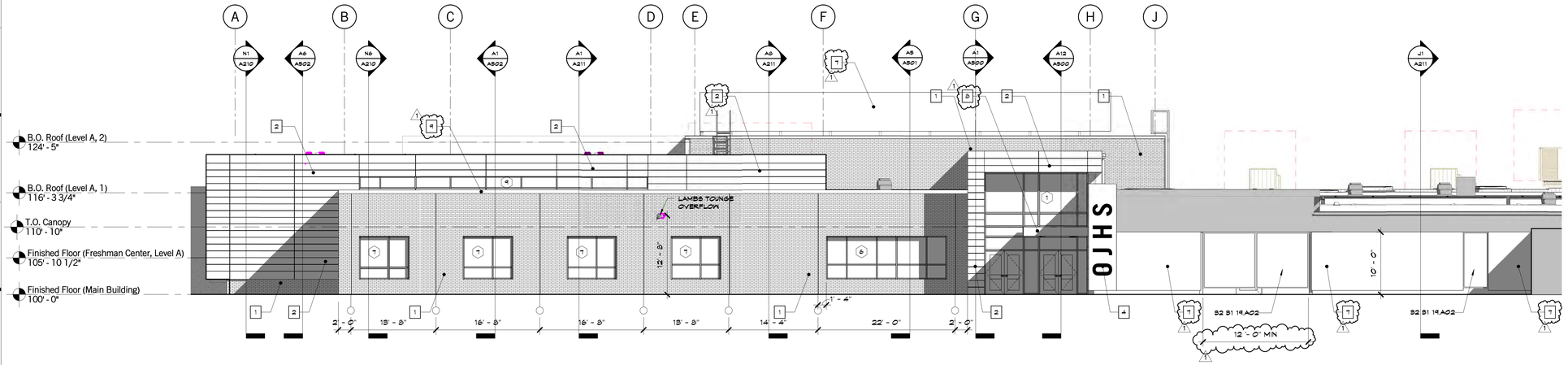
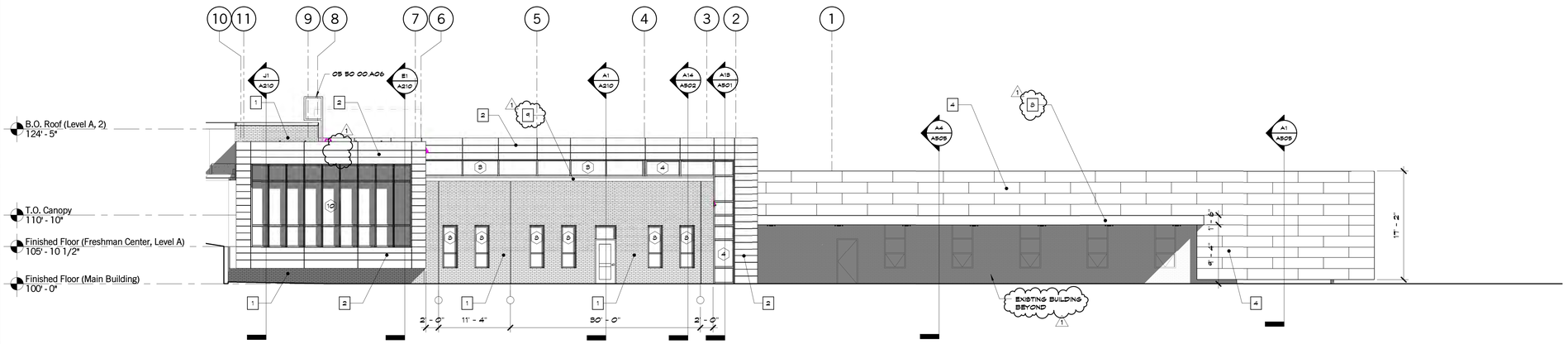
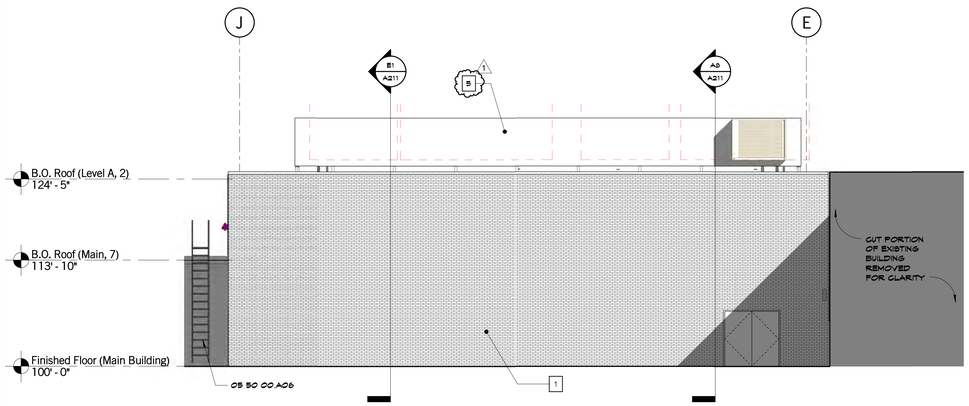


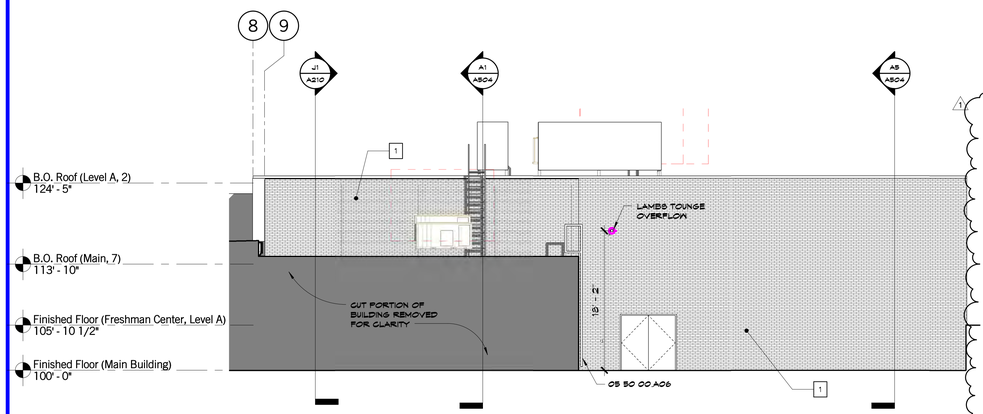
L1 | Scale 1/8" = 1'-0" | Exterior Bldg Elevation - S



F1 | Scale 1/8" = 1'-0" | Exterior BIdg Elevation - W



A1 | Scale 1/8" = 1'-0" | Exterior Building Elevation - Music - N



A9 | Scale 1/8" = 1'-0" | Exterior Building Elevation - Music - E

SHEET KEYNOTE LEGEND

05 50 00 AD6 METAL LADDER
32 31 19 AD2 SWING GATES

GENERAL NOTES

1. ALL BRICK TO MATCH EXISTING. CONTRACTOR TO SUBMIT SAMPLES FOR ARCHITECT APPROVAL. REFERENCE PROJECT SPECIFICATIONS FOR MASONRY CONTROL JOINT PLACEMENT UNLESS DIMENSIONED ON THE ELEVATIONS

EXTERIOR MATERIAL LEGEND

1 04 20 00 A12 - MODULAR BRICK TYPE 1 (FIELD)
BASIS-OF-DESIGN: KANSAS BRICK & TILE, CO.
COLOR: 550 DARK MODULAR

2 07 42 13 AD3 - ALUMINUM WALL PANEL
BASIS-OF-DESIGN: ERI-DESIGN WALL PANEL SYSTEM
COLOR: 1760 LIMESTONE
ALL ENTRUSIONS, FLASHINGS, & COPINGS SHALL MATCH 1760 LIMESTONE

3 07 42 13 AD3 - PRE-FINISHED METAL PANEL WALL PANEL
BASIS-OF-DESIGN: BERRIDGE L-PANEL
COLOR: SHASTA WHITE

4 05 50 00 AD6 - CUSTOM PERFORATED STAINLESS STEEL WALL PANEL FACE FASTENED FLAT PANELS WITH CUSTOM IMAGE PATTERN
COLOR: STAINLESS STEEL

5 05 50 00 AD6 - PERFORATED STAINLESS STEEL WALL PANEL FACE FASTENED FLAT PANELS WITH MANUFACTURER'S STANDARD PERF PATTERN
COLOR: STAINLESS STEEL

6 07 42 63 - (PWP) SOLID PHENOLIC ENT WALL PANEL SYSTEM
BASIS-OF-DESIGN: TRESPA METEON, COLOR: ITALIAN WALNUT
ALTERNATE MANUF: FUNDERMAX, COLOR: HOLZ-DECORE WOOD GRAIN 1260

7 07 42 13 A01 - PERFORATED WALL PANEL
BASIS OF DESIGN: ECOSCREEN PERFORATED SCREENWALL
COLOR: STAINLESS STEEL

8 07 62 00 A12 - FASCIA CAP
COLOR: TO MATCH 1760 LIMESTONE BY CENTRIA

9 07 62 00 A13 - PRE-FINISHED METAL COPING
COLOR: TO MATCH 1760 LIMESTONE BY CENTRIA

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REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER
A-2001016578
ARCHITECT
Kirk Christian Horner
A-2001016578

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CHECKED BY: GS/KO
DATE: 11.11.2015

A200
OF

EXTERIOR BUILDING ELEVATIONS

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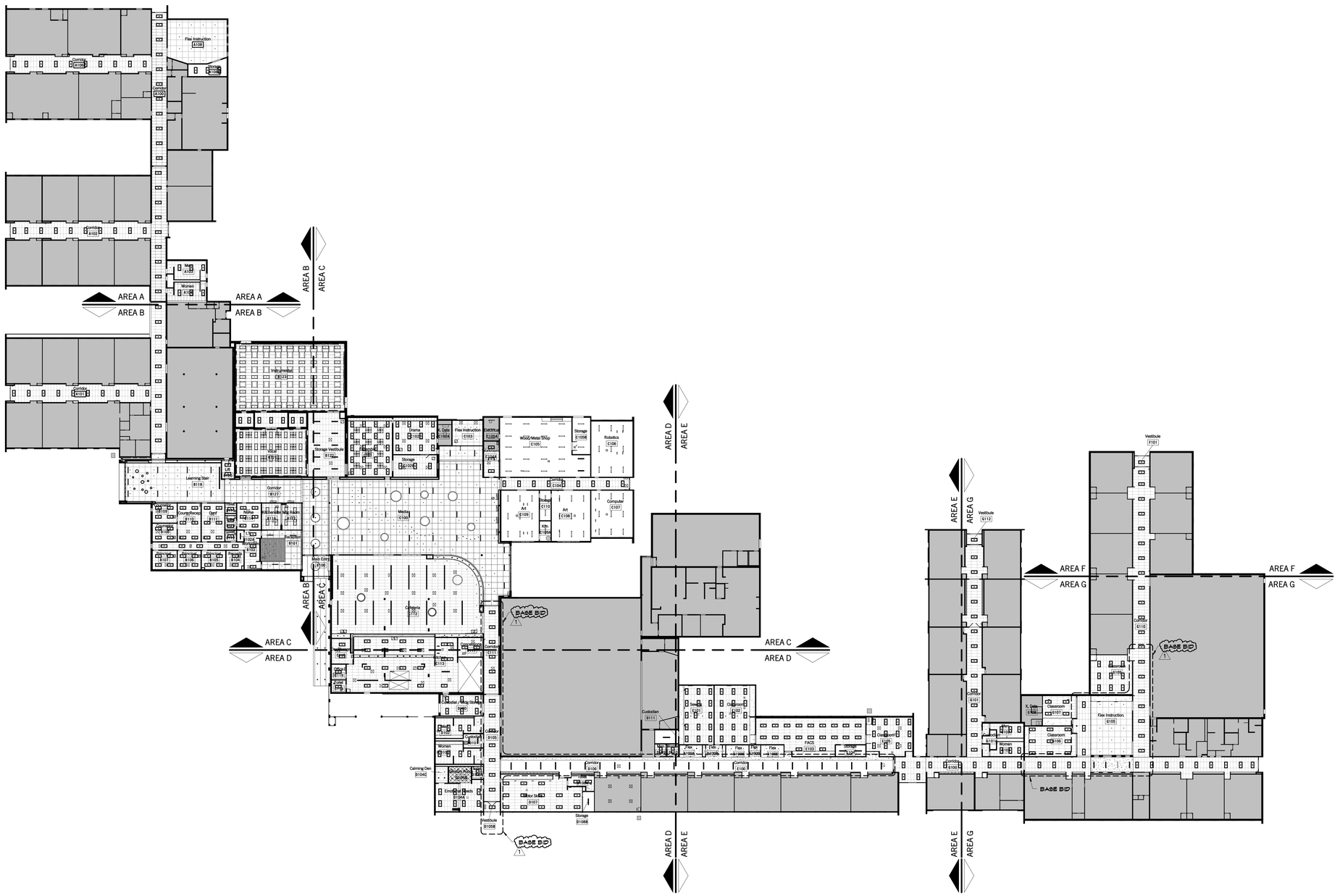

AREA A
AREA B
AREA C
AREA D
AREA E
AREA F
AREA G
BASE BID
Flex Instruction A105
Corridor A101
Corridor A102
Corridor A103
Corridor A104
Men A107
Women A108
Corridor A109
Corridor A110
Corridor A111
Corridor A112
Corridor A113
Corridor A114
Corridor A115
Corridor A116
Corridor A117
Corridor A118
Corridor A119
Corridor A120
Corridor A121
Corridor A122
Storage Vestibule B122
Learning Stair B110
Corridor B127
Men B107
Women B108
Custodian B111
Corridor B106
Corridor B105
Men B102
Women B103
Calming Den B104
Emotional Needs B109
Vestibule B105B
Storage B108B
Corridor B101
Corridor B100
Corridor B112
Corridor B113
Corridor B114
Corridor B115
Corridor B116
Corridor B117
Corridor B118
Corridor B119
Corridor B120
Corridor B121
Corridor B122
Corridor B123
Corridor B124
Corridor B125
Corridor B126
Corridor B127
Corridor B128
Corridor B129
Corridor B130
Corridor B131
Corridor

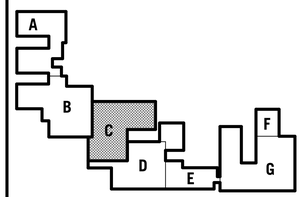
SHEET KEYNOTE LEGEND

09 54 56.A02 SOUND-DIFFUSING CEILING PANELS

RCP LEGEND

- 2' x 4' ACOUSTICAL LAY-IN CEILING TILE & GRID ACT1, ACT3, ACT6
- 4' x 4' ACOUSTICAL LAY-IN CEILING TILE & GRID ACT2
- 2' x 2' FIBER OPTIC PANEL ACT7
- ACOUSTICAL DIFFUSER CEILING TILE ACT4, ACT5
- GYP BD
- METAL PANEL/SOFFIT
- 2' x 4' LIGHT FIXTURE
- 1' x 4' LIGHT FIXTURE
- CAN LIGHT FIXTURE SIZE VARIES
- CEILING MOUNTED EXIT LIGHT
- CJ CONTROL JOINT
- RETURN DUCT
- SUPPLY DUCT

KEY PLAN



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REVISIONS:

#	Description	Date
1	Addendum No. 1	11.23.2015

STATE OF MISSOURI
KIRK CHRISTIAN-HORNER
NUMBER A-2001016578
ARCHITECT
KEITH PRUNTY
NOV 11 2015
Kirk Christian-Horner
A-2001016578

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DRAWN BY: HD
CHECKED BY: GS/KO
DATE: 11.11.2015

A403

OF

A1 | Scale 1/8" = 1'-0" | Reflected Ceiling Plan - Area C

REFLECTED CEILING PLAN - AREA C

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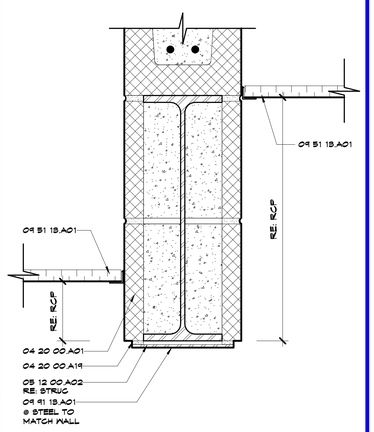
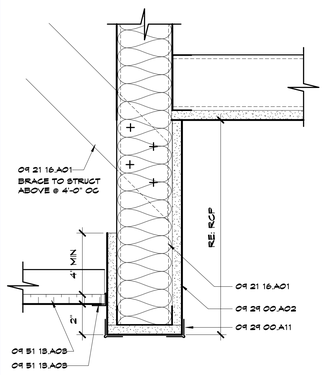
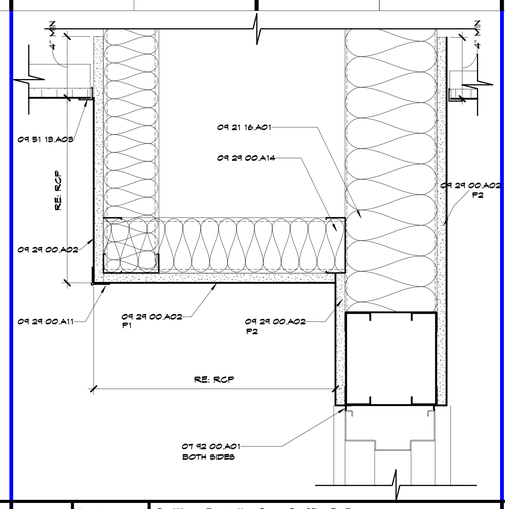


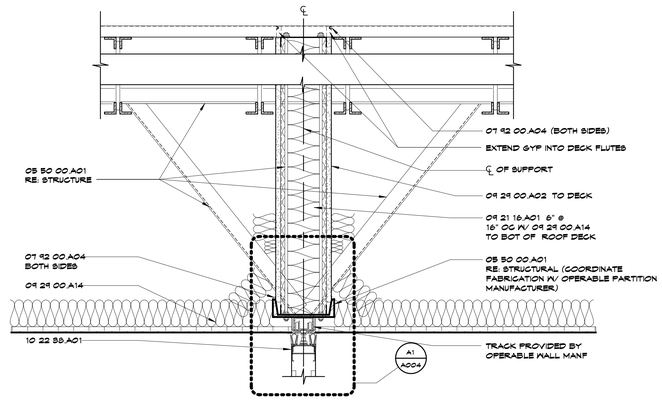
M1 | Scale 3" = 1'-0" | Ceiling Detail - CMU Header



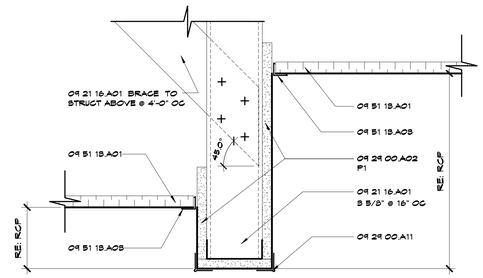
M4 | Scale 3" = 1'-0" | Ceiling Detail - G109 Corridor



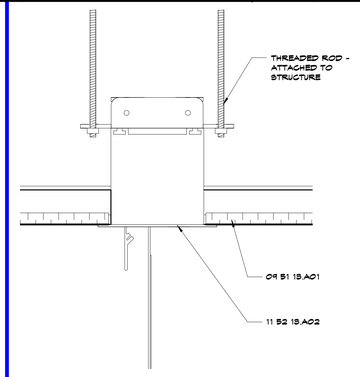
M7 | Scale 3" = 1'-0" | Ceiling Detail - Gyp Soffit @ Door



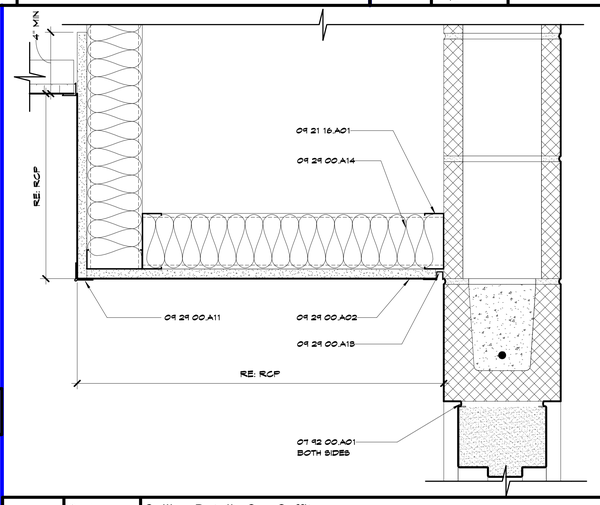
M11 | Scale 1 1/2" = 1'-0" | Ceiling Detail @ Operable Partition



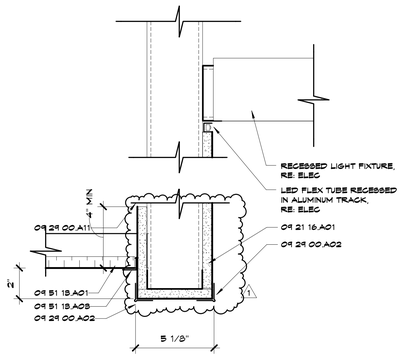
H1 | Scale 3" = 1'-0" | Ceiling Detail @ Different Height Ceilings



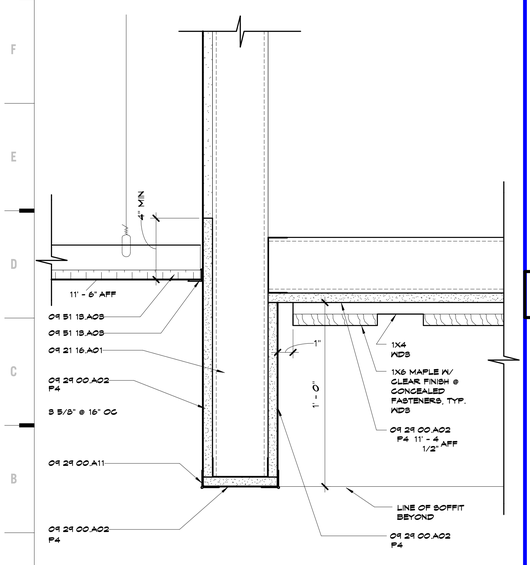
H5 | Scale 3" = 1'-0" | DETAIL @ PROJECTION SCREEN



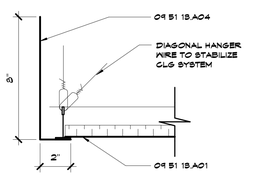
G8 | Scale 3" = 1'-0" | Ceiling Detail - Gyp Soffit



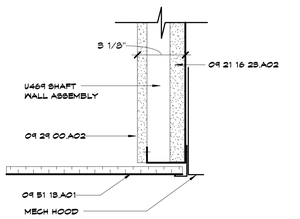
G13 | Scale 3" = 1'-0" | Ceiling Detail - C112 Cafeteria Recessed Lighting-Typ



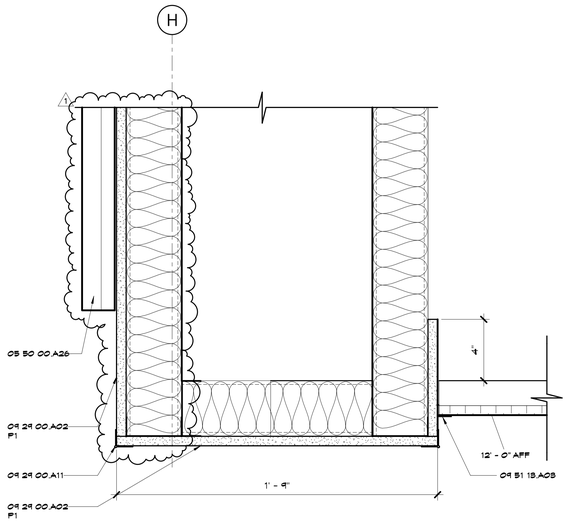
A1 | Scale 3" = 1'-0" | Ceiling Detail - Soffit @ B101 Reception



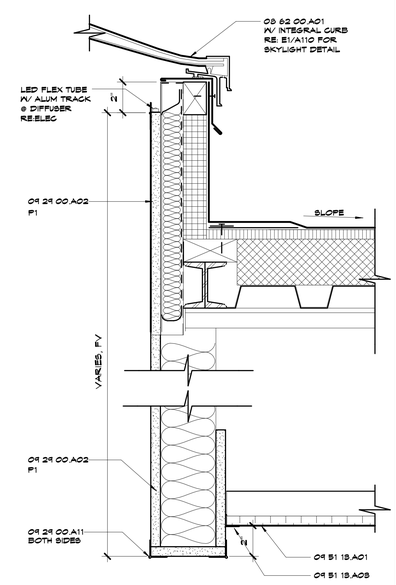
D5 | Scale 3" = 1'-0" | Ceiling Detail @ Clerestory



A5 | Scale 3" = 1'-0" | Ceiling Detail - Rated Shaftwall or Hood



A8 | Scale 3" = 1'-0" | Ceiling Detail - Media Center Header



A13 | Scale 3" = 1'-0" | Ceiling Detail - Skylights - Typ

SHEET KEYNOTE LEGEND

04 20 00.A01	CONCRETE MASONRY UNITS
04 20 00.A19	MORTAR
05 12 00.A02	W SHAPE
05 50 00.A01	MISC STEEL FRAMING/SUPPORTS
05 50 00.A26	ARCHITECTURAL EXPOSED METAL FABRICATIONS
07 92 00.A01	SEALANT
07 92 00.A04	ACOUSTICAL SEALANT
08 62 00.A01	UNIT SKYLIGHTS
09 21 16 23.A02	
09 21 16.A01	NON-STRUCTURAL FRAMING
09 29 00.A02	GYPSUM BOARD - TYPE X
09 29 00.A11	GYPSUM BOARD TRIM
09 29 00.A13	REVEAL TRIM
09 29 00.A14	SOUND ATTENUATION BLANKETS
09 51 1B.A01	ACOUSTICAL CEILING PANELS
09 51 1B.A03	EDGE MOLDINGS AND TRIM
09 51 1B.A04	DECORATIVE EDGE TRIM
09 91 1B.A01	PAINT - FLAT
10 22 39.A01	OPERABLE ACOUSTICAL PARTITION
11 52 1B.A02	ELECTRICALLY-OPERATED PROJECT SCREENS

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Structure # 2006031331

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BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
11-11-2015
Kirk Christian Horner
A-2001016578

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A407

____ OF ____

REFLECTED CEILING PLAN DETAILS

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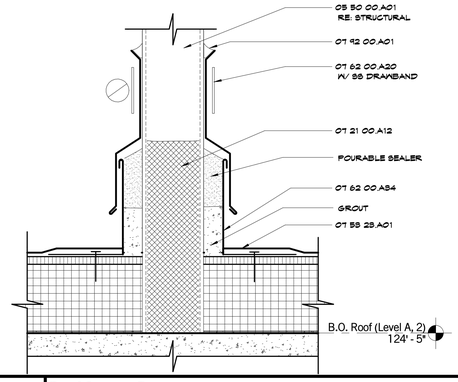
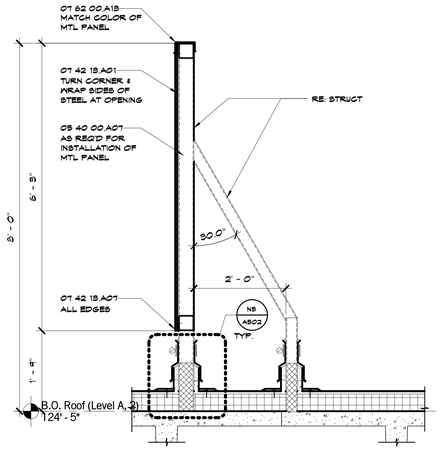
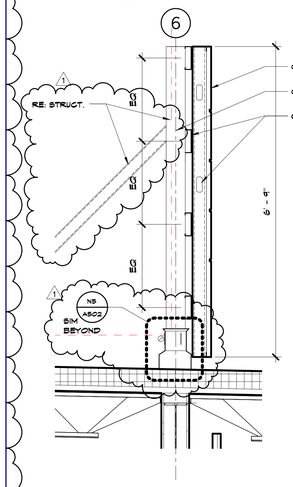


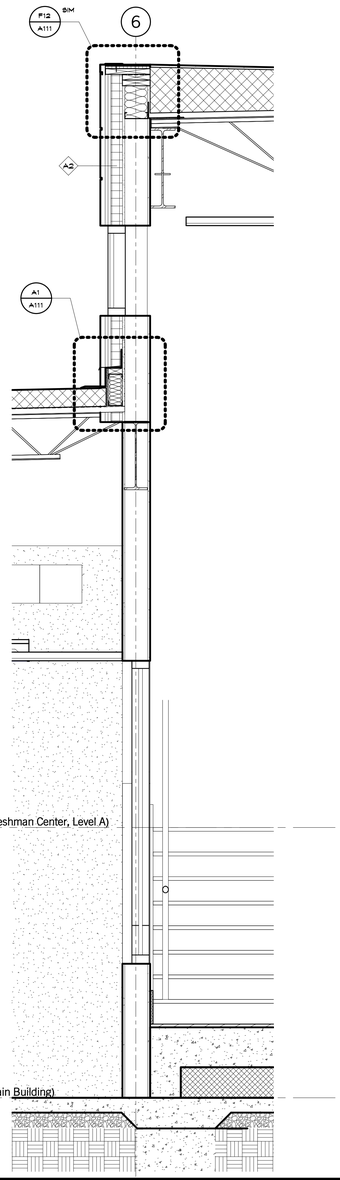
N5 Scale 3" = 1'-0" — Roof Screen Base



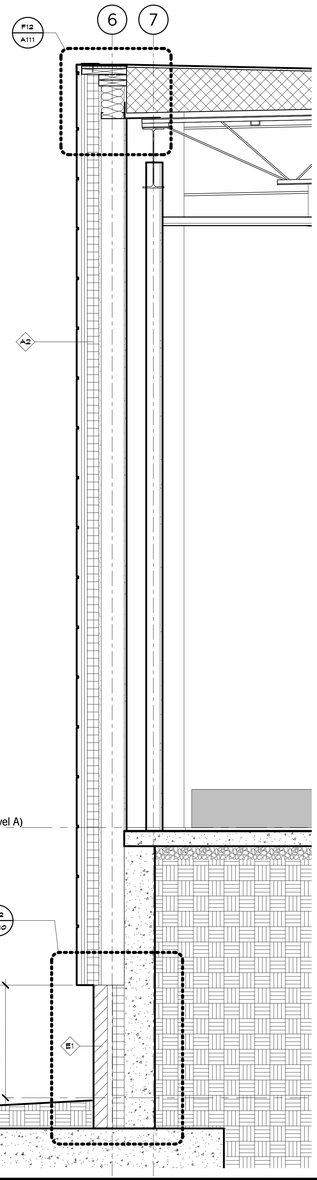
M10 Scale 3/4" = 1'-0" — Section @ Roof Screen



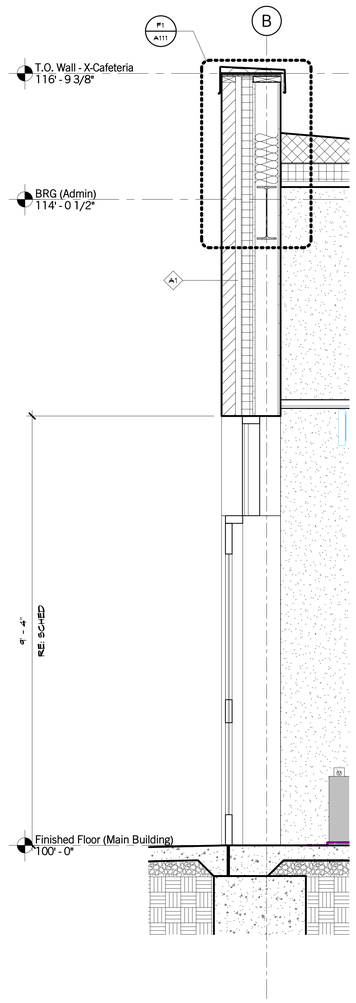
M14 Scale 3/4" = 1'-0" — Roof top Unit Screen



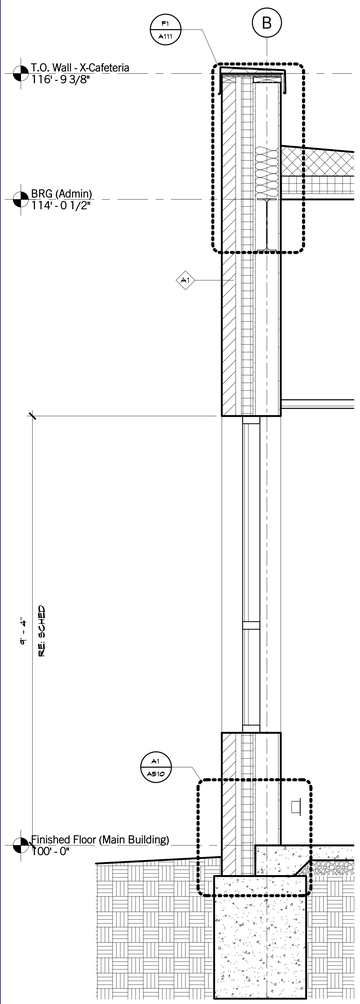
A1 Scale 3/4" = 1'-0" — Counseling Reception - North Wall



A6 Scale 3/4" = 1'-0" — Learning Stair - South Wall



A11 Scale 3/4" = 1'-0" — Administration - West Wall @ Door



A14 Scale 3/4" = 1'-0" — Administration - West Wall @ Wdw

SHEET KEYNOTE LEGEND

05 12 00.A06	COLD-FORMED HSS
05 40 00.A01	COLD-FORMED METAL FRAMING
05 40 00.A07	MISCELLANEOUS FRAMING/FURRING
05 50 00.A01	MISC STEEL FRAMING/SUPPORTS
07 21 00.A12	SPRAY-IN FOAM INSULATION
07 42 18.A01	EXPOSED FASTENER METAL WALL PANELS
07 42 18.A03	CONCEALED FASTENER METAL WALL PANELS
07 42 18.A07	FLASHING AND TRIM
07 55 23.A01	ADHERED EPDM ROOFING SYSTEM
07 62 00.A18	COPING
07 62 00.A20	ROOF PENETRATION FLASHING
07 62 00.A54	FOURABLE SEALER POCKET
07 92 00.A01	SEALANT

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BID DOCUMENTS

Ozark Junior High Additions & Renovations

Ozark R-VI School District

1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
REGISTERED ARCHITECT
11-25-2015

Kirk Christian Horner
A-2001016578

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A502

OF

WALL SECTIONS

11/25/2015 10:11:49 AM

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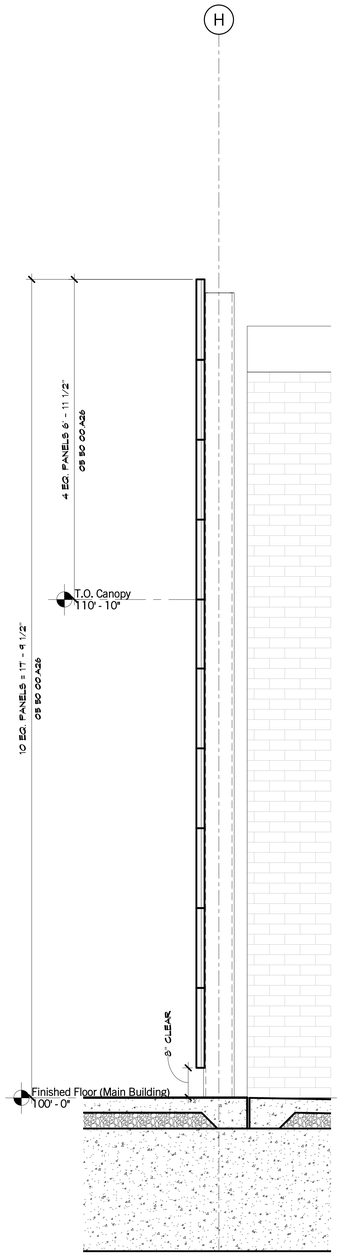
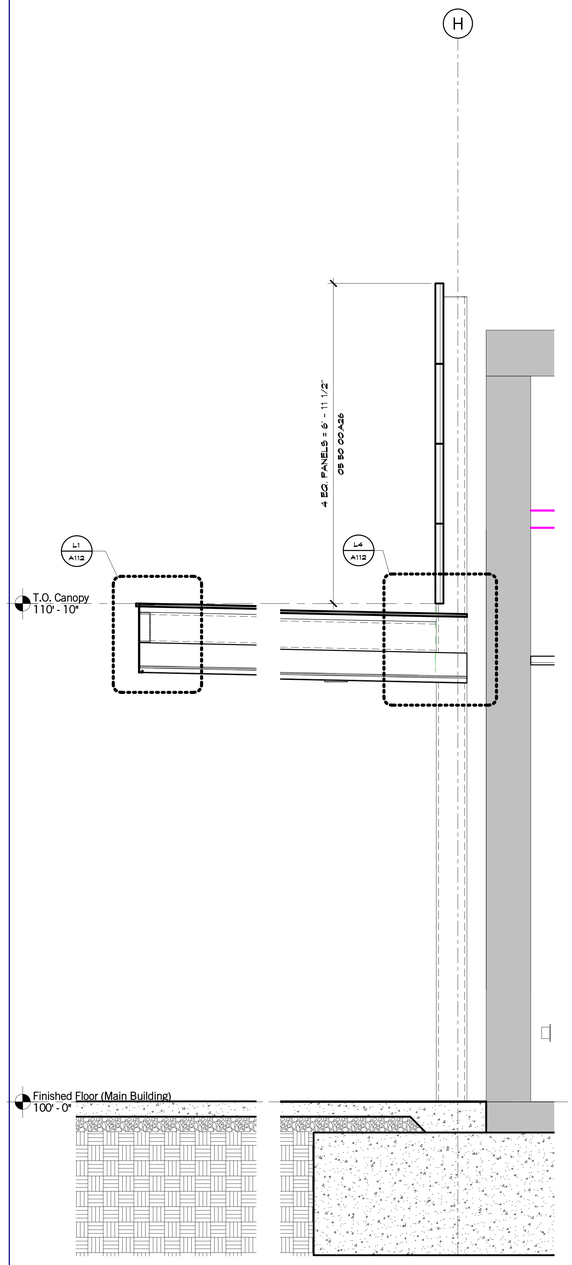
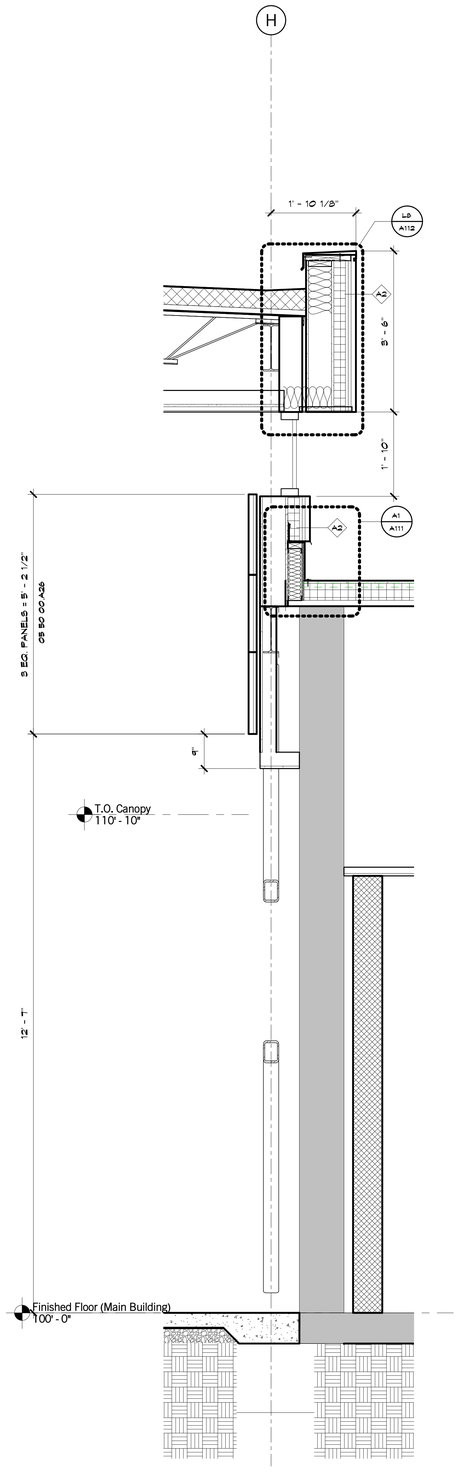


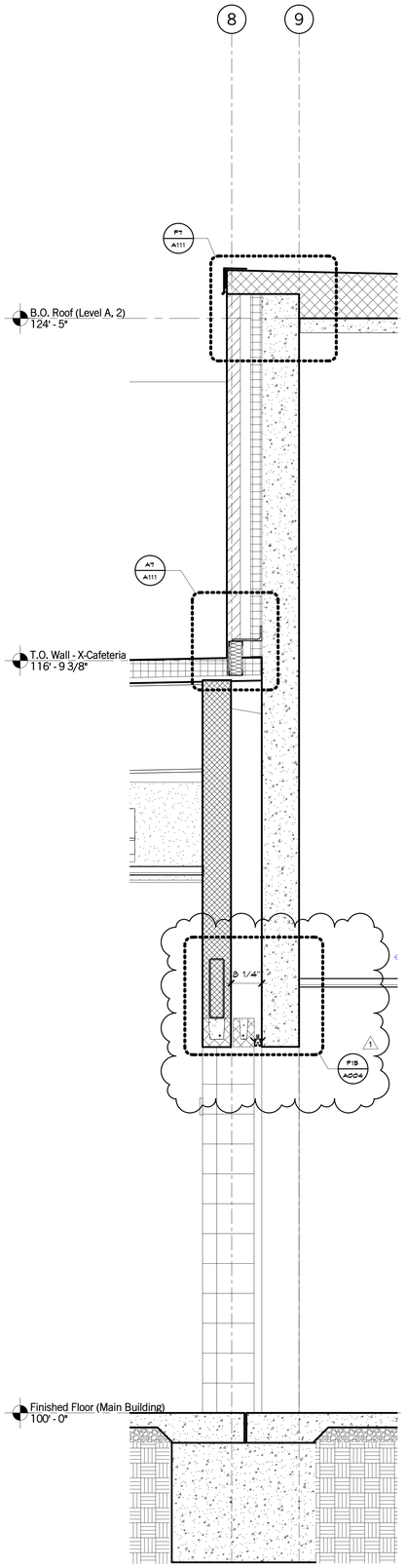
A1 | Scale 3/4" = 1'-0" | Entry Screen Wall



A4 | Scale 3/4" = 1'-0" | Canopy



A9 | Scale 3/4" = 1'-0" | Cafeteria - West Wall



A11 | Scale 3/4" = 1'-0" | Storm Shelter - South Wall A

SHEET KEYNOTE LEGEND

05 50 00 A26 ARCHITECTURAL EXPOSED METAL FABRICATIONS

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Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NOTARY PUBLIC
NUMBER
A-2001016578
ARCHITECT

Kirk Christian Horner
A-2001016578

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A505

_____ OF _____

WALL SECTION

11/25/2015 10:11:50 AM

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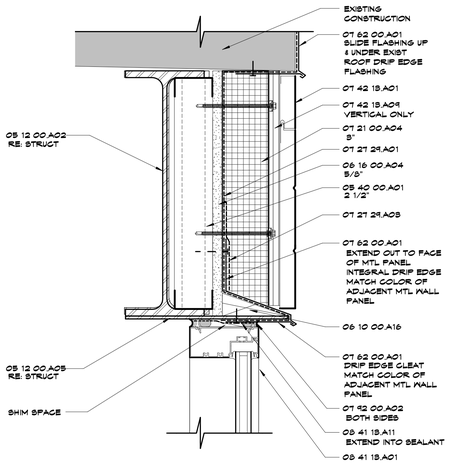
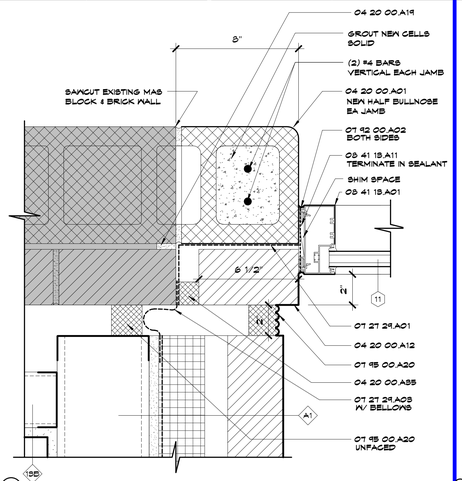
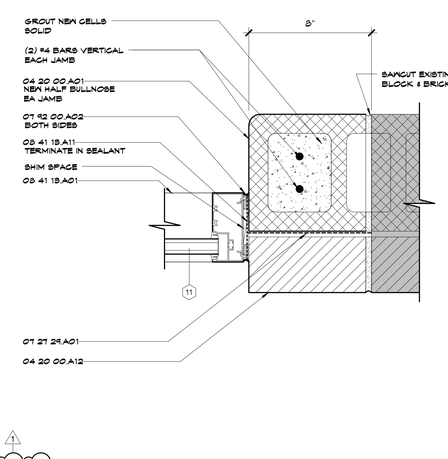


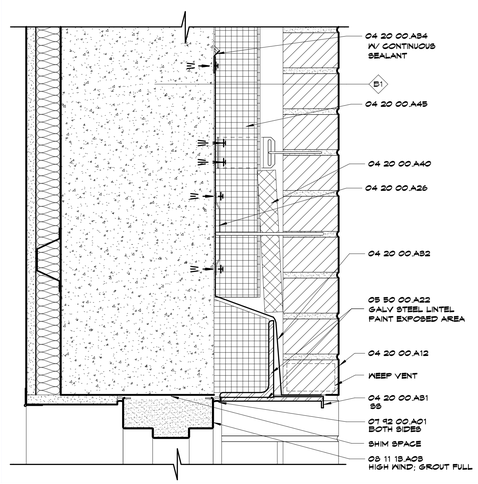
M1 | Scale 3" = 1'-0" | Storefront Head @ Existing Brick & CMU



M5 | Scale 3" = 1'-0" | Storefront Jamb @ Existing Brick



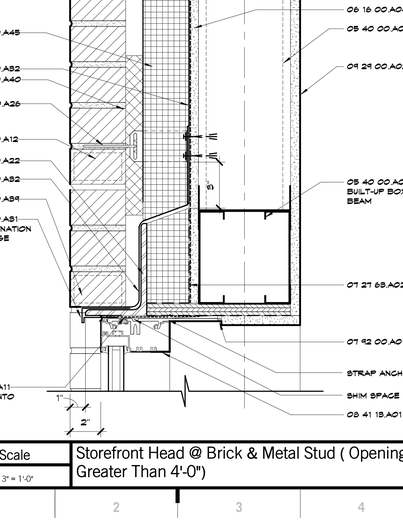
M9 | Scale 3" = 1'-0" | Storefront Jamb Along Existing Brick



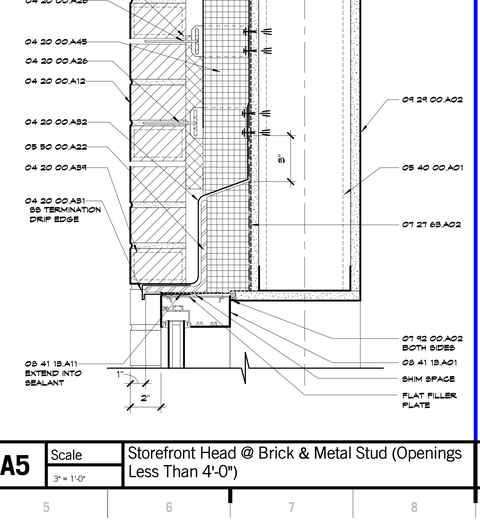
M13 | Scale 3" = 1'-0" | Exterior HM Head @ High Wind Shelter

SHEET KEYNOTE LEGEND

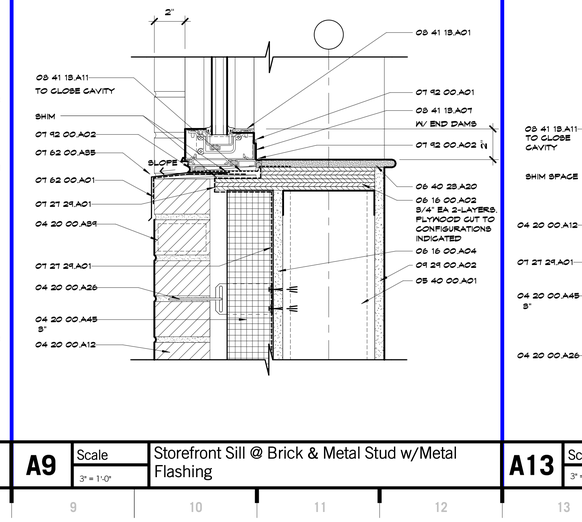
04 20 00 AD1	CONCRETE MASONRY UNITS
04 20 00 A12	FACE BRICK
04 20 00 A14	MORTAR
04 20 00 A23	REINFORCING BARS
04 20 00 A26	ADJUSTABLE MASONRY VENEER ANCHORS
04 20 00 AB1	METAL DRIP EDGES
04 20 00 AB2	EMBEDDED FLEXIBLE FLASHING
04 20 00 AB4	FLASHING TERMINATION BARS
04 20 00 AB5	COMPRESSIBLE FILLERS
04 20 00 AB6	WEEP HOLE/VENT
04 20 00 A40	CAVITY DRAINAGE MATERIAL
04 20 00 A45	CAVITY WALL INSULATION
05 12 00 AD2	W SHAPE
05 12 00 AD5	PLATE
05 40 00 AD1	COLD-FORMED METAL FRAMING
05 50 00 A22	LOOSE STEEL LINTEL
06 10 00 A16	FIRE-RETARDANT TREATED WOOD BLOCKING & NAILERS
06 16 00 AD2	FIRE-RETARDANT TREATED PLYWOOD
06 16 00 AD4	GLASS-MAT GYPSUM WALL SHEATHING
06 40 28 A20	SOLID SURFACE SILLS
07 21 00 AD4	POLYISOCYANURATE INSULATION
07 21 00 A17	MINERAL WOOL
07 27 29 AD1	VAPOR RETARDING AIR BARRIER COATING
07 27 29 AD3	TRANSITION (DETAIL) MEMBRANE
07 27 69 AD2	TRANSITION MEMBRANE
07 42 13 AD1	EXPOSED FASTENER METAL WALL PANELS
07 42 13 AD9	RAINSCREEN FURRING SYSTEM
07 42 63 AD1	PHENOLIC PANEL CLADDING SYSTEM
07 42 63 AD6	METAL SUBFRAMING
07 62 00 AD1	UNDERLAYMENT
07 62 00 AB5	PRE-FINISHED MISC METAL FLASHING
07 92 00 AD1	SEALANT
07 92 00 AD2	SEALANT W/BACKER ROD
07 65 00 A20	EXTERIOR PRE-FORMED CELLULAR FOAM
08 11 13 AD3	HOLLOW METAL FRAME
08 41 13 AD1	STOREFRONT FRAMING (THERMAL BROKEN)
08 41 13 AD7	ALUMINUM SUBSILL
08 41 13 A11	JAMB CLOSURE MEMBRANE
08 44 13 AD3	JAMB CLOSURE MEMBRANE
04 29 00 AD2	GYPSUM BOARD - TYPE X
09 29 00 A11	GYPSUM BOARD TRIM



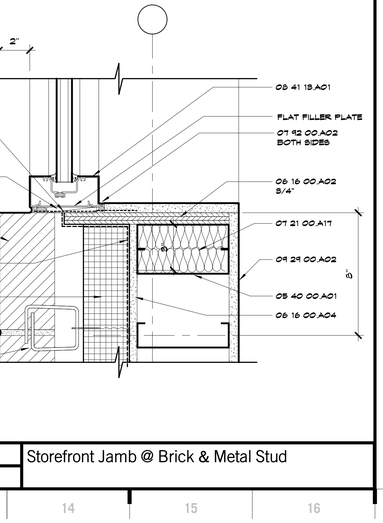
G1 | Scale 3" = 1'-0" | Curtain Wall w/ Fin Attachment Jamb @ Metal Panel



G5 | Scale 3" = 1'-0" | Storefront Head @ Metal Panel w/ Tapered Mullions



G9 | Scale 3" = 1'-0" | Storefront Jamb @ Brick & CMU



G13 | Scale 3" = 1'-0" | Exterior HM Jamb @ High Wind Shelter

A1 | Scale 3" = 1'-0" | Storefront Head @ Brick & Metal Stud (Openings Greater Than 4'-0")

A5 | Scale 3" = 1'-0" | Storefront Head @ Brick & Metal Stud (Openings Less Than 4'-0")

A9 | Scale 3" = 1'-0" | Storefront Sill @ Brick & Metal Stud w/Metal Flashing

A13 | Scale 3" = 1'-0" | Storefront Jamb @ Brick & Metal Stud

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REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — REGISTERED NUMBER A-2001016578 — ARCHITECT

Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

A521

OF

DOOR AND WINDOW DETAILS

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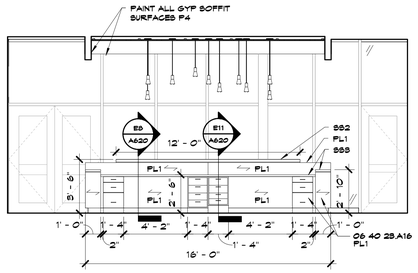
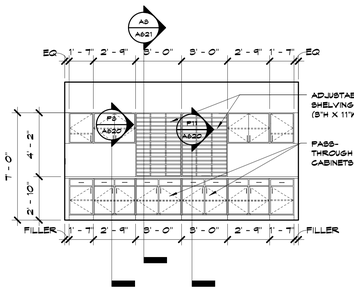
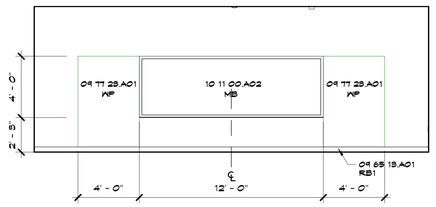


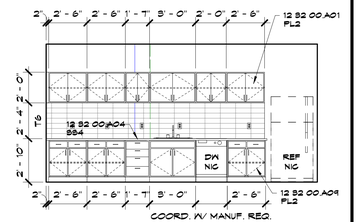
N1 Scale 1/4" = 1'-0" — Reception Desk Section 2



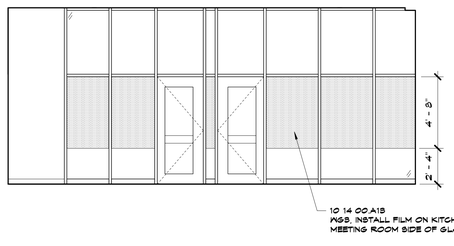
N6 Scale 1/4" = 1'-0" — Open Workroom - B102 - East



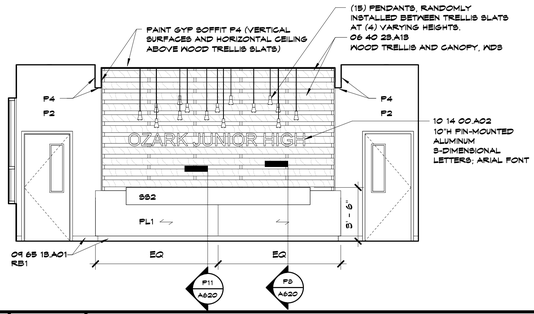
N10 Scale 1/4" = 1'-0" — Conference/Flex - B111 - East



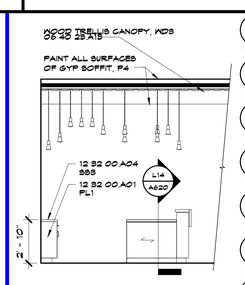
N14 Scale 1/4" = 1'-0" — Kitchenette - B116 - West



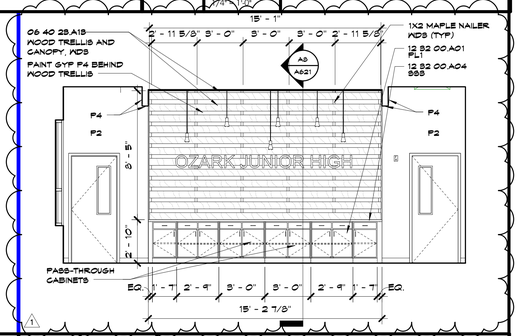
K1 Scale 1/4" = 1'-0" — Reception - B101 - North



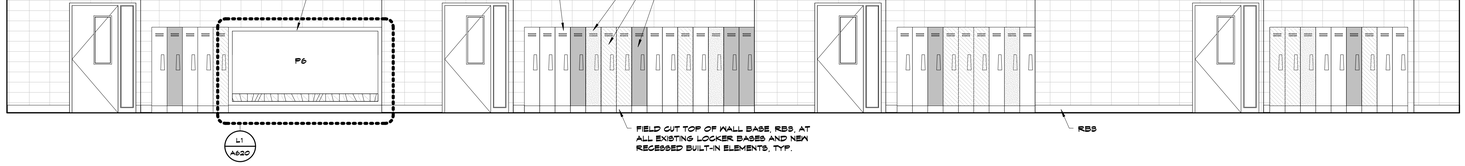
K6 Scale 1/4" = 1'-0" — Reception B101 - West / Reception Desk - Front



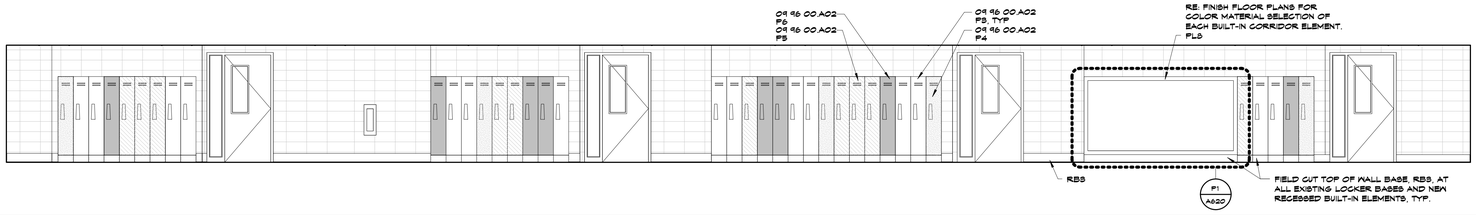
K11 Scale 1/4" = 1'-0" — Reception Desk - Side



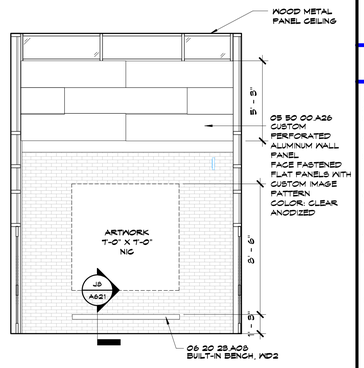
K13 Scale 1/4" = 1'-0" — Reception - B101 - West



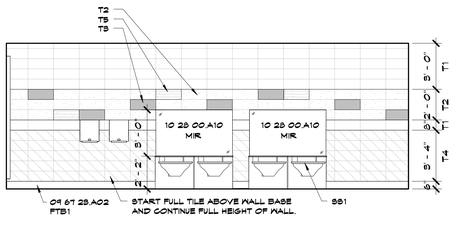
G2 Scale 1/4" = 1'-0" — Interior Elevation - Area A - Typ Corridor 2



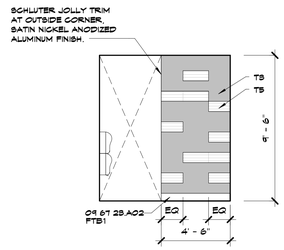
D1 Scale 1/4" = 1'-0" — Interior Elevation - Area A - Typ Corridor 1



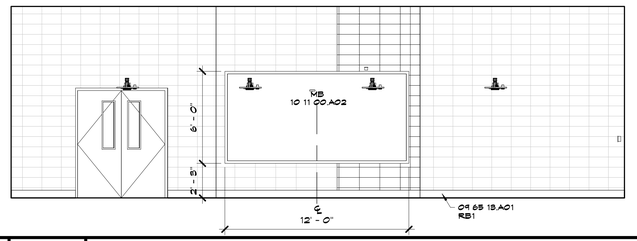
D14 Scale 1/4" = 1'-0" — Main Entry B100 - East



A1 Scale 1/4" = 1'-0" — Mens Restroom A103 - North



A6 Scale 1/4" = 1'-0" — Men's Entry A103 - East



A9 Scale 1/4" = 1'-0" — Flex Instruction A108 - South

SHEET KEYNOTE LEGEND

05 50 00.A26	ARCHITECTURAL EXPOSED METAL FABRICATIONS
06 20 28.A03	WOOD PANELING
06 40 28.A13	ORNAMENTAL WOODWORK
06 40 28.A16	PLASTIC LAMINATE CABINETS - CUSTOM
09 65 19.A01	RESILIENT BASE
09 67 28.A02	INTEGRAL COVE BASE
09 77 28.A01	FABRIC-WRAPPED PANELS
09 96 00.A02	HIGH PERFORMANCE COATING - GLOSS
10 11 00.A02	MARKERBOARDS
10 14 00.A02	DIMENSIONAL CHARACTERS
10 14 00.A13	INTERIOR VINYL GRAPHICS (GLASS SUBSTRATE)
10 28 00.A10	MIRROR UNIT
12 32 00.A01	PLASTIC LAMINATE FACED CABINETS
12 32 00.A04	SOLID SURFACING COUNTERTOPS
12 32 00.A09	TALL CABINET WITH ADJUSTABLE SHELVES

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS.
2. NOT USED.
3. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30' TYP.
4. ALL COLOR/MATERIAL TRANSITIONS SHALL BE INSTALLED AT INSIDE CORNERS.
5. TACKWALL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. TACKWALL CONTRACTOR RESPONSIBLE FOR CUTTING IN DATA/PONER/PHONE OUTLETS - RE: ELECTRICAL SHEETS.
6. CONTINUE WALL FINISH AS SCHEDULE BEHIND EQUIPMENT.
7. MILLWORK CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND INSTALLATION.
8. ALL BACKSPLASH MATERIAL SHALL MATCH COUNTERTOP MATERIAL.
9. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH.
10. AT OPEN KNEE SPACE OVER 9'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
11. PROVIDE 2" DIA. WHITE (PB) MOCKETT SS5 GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
12. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 10% T2; 20% T3; 10% T5. CUT T5 TO 5"X20".
13. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 10% T3; 50% T5. CUT T5 TO 5"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: MG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD3

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913.345.0617 fax

BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — ARCHITECT
11.24.2015
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD/AVL
CHECKED BY: GS/KO
DATE: 11.11.2015

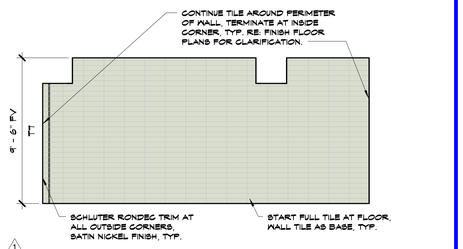
A600

OF

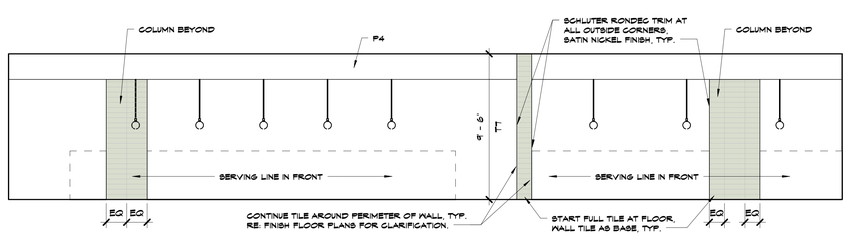
INTERIOR ELEVATIONS - AREA A & B

11/24/2015 2:38:23 PM

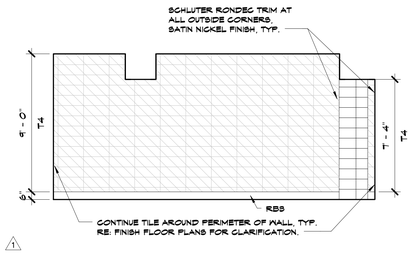
Please consider the environment before printing this.



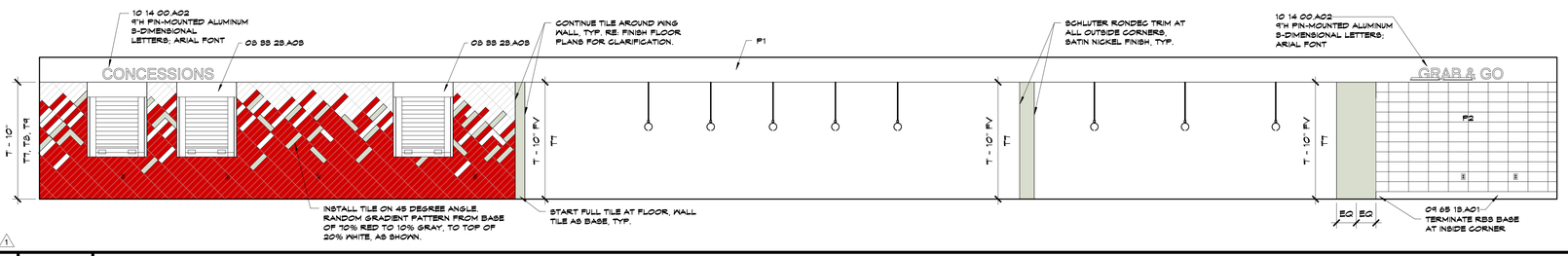
P1 | Scale 1/4" = 1'-0" | Kitchen C113 - East



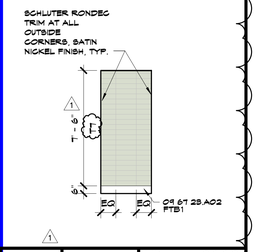
P5 | Scale 1/4" = 1'-0" | Kitchen - C113 - South



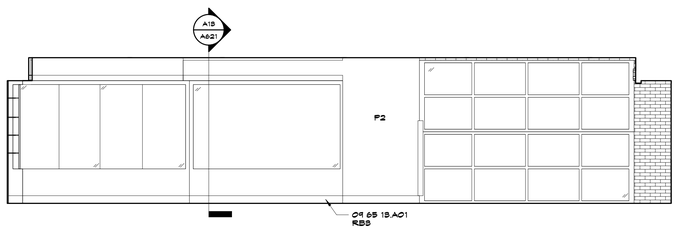
P13 | Scale 1/4" = 1'-0" | Kitchen C113 - West



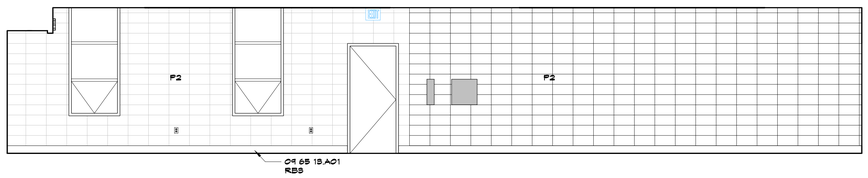
L1 | Scale 1/4" = 1'-0" | Cafeteria - C112 - South



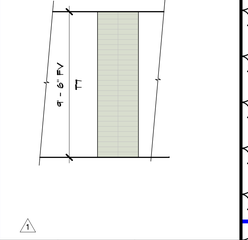
L15 | Scale 1/4" = 1'-0" | Kitchen C113 - South2



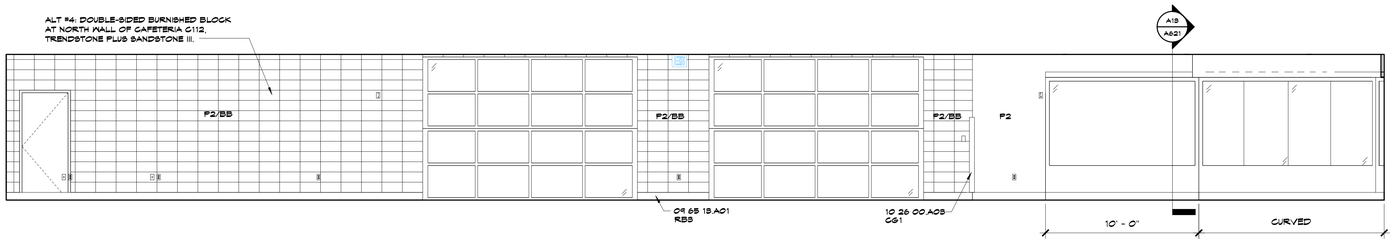
G1 | Scale 1/4" = 1'-0" | Cafeteria - C112 - East



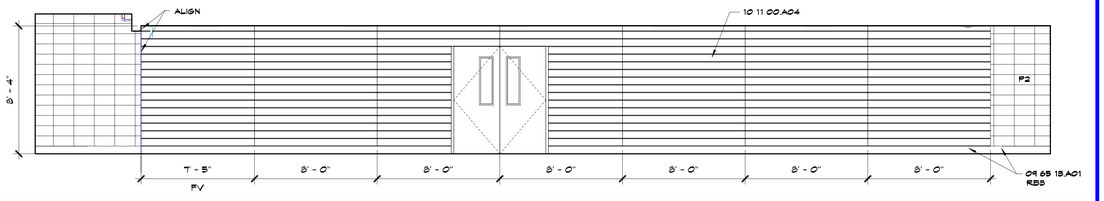
G7 | Scale 1/4" = 1'-0" | Cafeteria - C112 - West



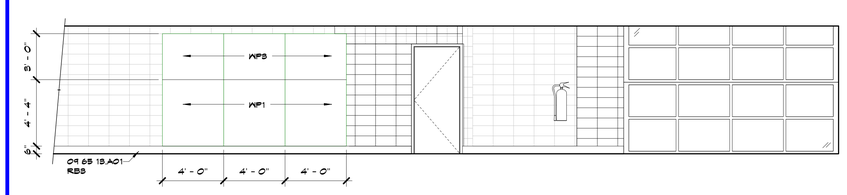
G15 | Scale 1/4" = 1'-0" | Cafeteria - Columns, TYP



D1 | Scale 1/4" = 1'-0" | Cafeteria - C112 - North



A1 | Scale 1/4" = 1'-0" | Corridor C111 - East



A10 | Scale 1/4" = 1'-0" | Corridor C111 - West

SHEET KEYNOTE LEGEND

08 33 23.AO3	OVERHEAD COILING COUNTER DOORS
09 65 13.AO1	RESILIENT BASE
09 67 23.AO2	INTEGRAL COVE BASE
10 11 00.AO4	VISUAL DISPLAY RAILS
10 14 00.AO2	DIMENSIONAL CHARACTERS
10 26 00.AO3	CORNER GUARDS

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS.
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9. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH. AT OPEN KNEE SPACE OVER 2'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
10. PROVIDE 2" DIA WHITE (9B) MOCKETT 3SG GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
11. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 10% T2; 20% T3; 10% T5. CUT T5 TO 5"X20".
12. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 10% T5; 30% T5. CUT T5 TO 5"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: MG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD5

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Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT

Kirk Christian Horner
A-2001016578

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JOB NO: 15029
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CHECKED BY: GS/KO
DATE: 11.11.2015

A606

____ OF ____

INTERIOR ELEVATIONS - AREA C

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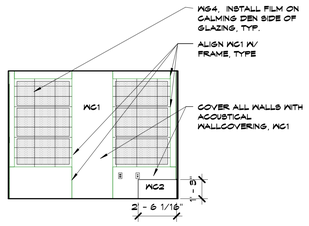
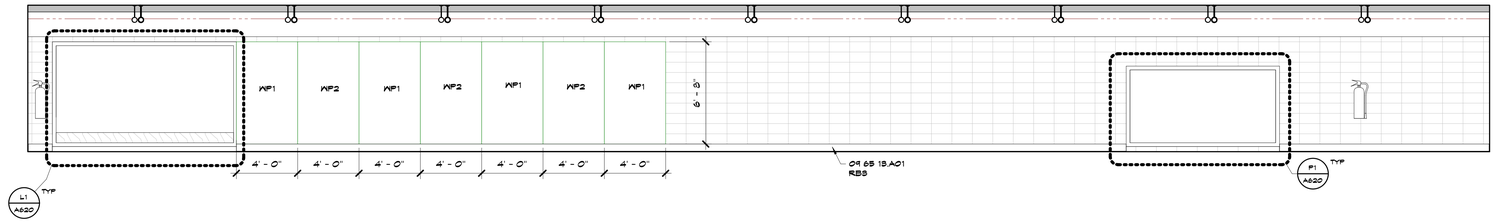
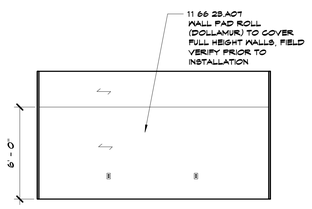


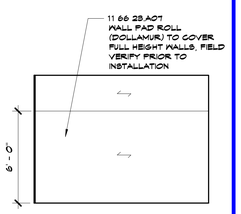
N1 Scale 1/4" = 1'-0" — Calming Den D104C - West



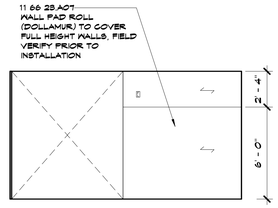
N4 Scale 1/4" = 1'-0" — Corridor D106 - North



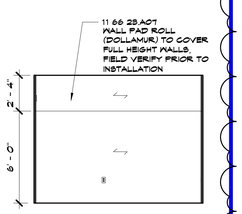
K1 Scale 1/4" = 1'-0" — Sensory Room D104D - North



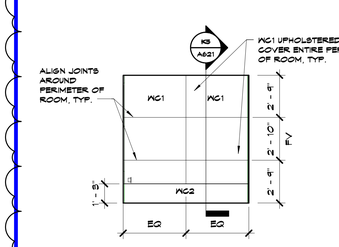
K4 Scale 1/4" = 1'-0" — Sensory D104D - East



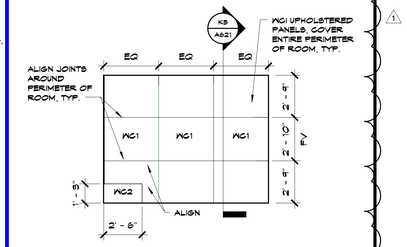
K6 Scale 1/4" = 1'-0" — Sensory Room D104D - South



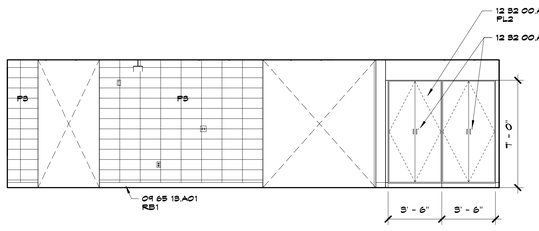
K9 Scale 1/4" = 1'-0" — Sensory D104D - West



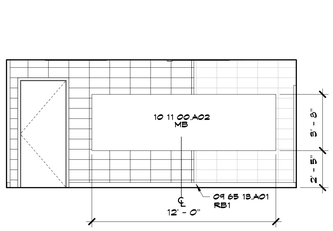
K11 Scale 1/4" = 1'-0" — Calming Den D104C - North



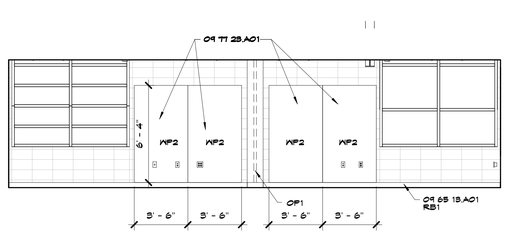
K14 Scale 1/4" = 1'-0" — Calming Den D104C - East



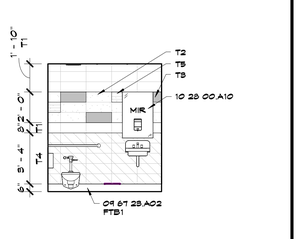
G1 Scale 1/4" = 1'-0" — Emtional Needs D104A/D104B - North



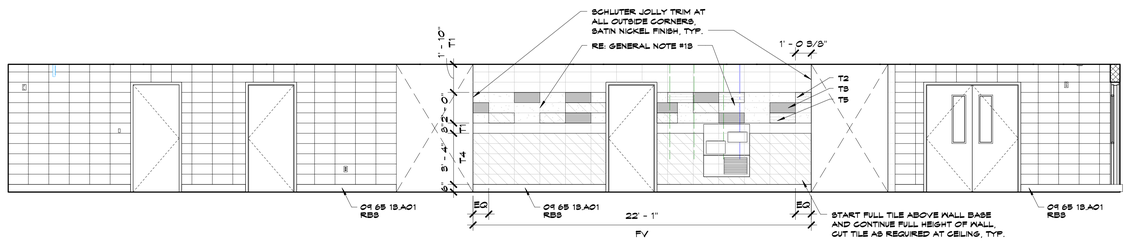
G6 Scale 1/4" = 1'-0" — Emotional Needs D104 - East



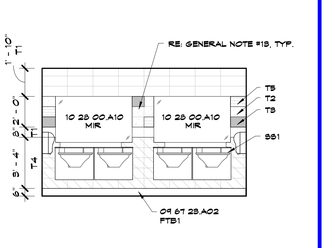
G9 Scale 1/4" = 1'-0" — Emotional Needs D104 - South



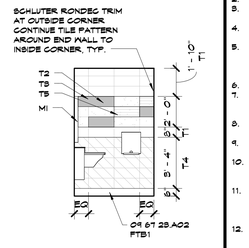
G14 Scale 1/4" = 1'-0" — Toilet D105A - North (Typ.)



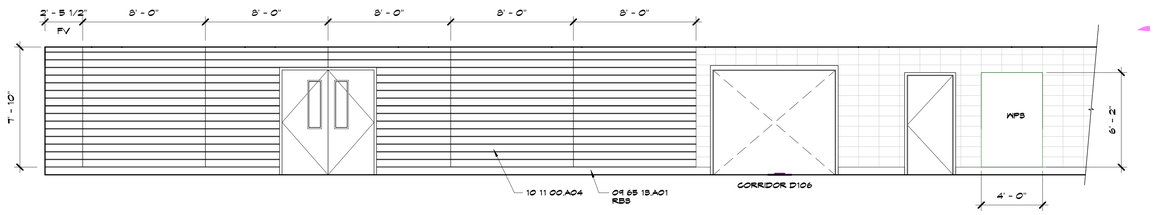
D1 Scale 1/4" = 1'-0" — Corridor D105 - West



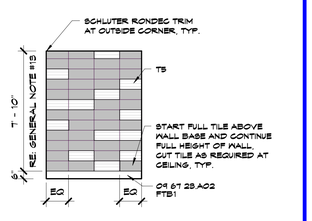
D12 Scale 1/4" = 1'-0" — Men D102 - North



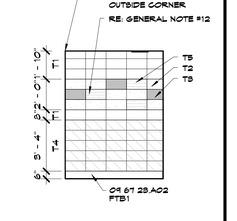
D15 Scale 1/4" = 1'-0" — Men D102 - East



A1 Scale 1/4" = 1'-0" — Corridor D105 - East



A12 Scale 1/4" = 1'-0" — Men/Women Entry D102 - West



A15 Scale 1/4" = 1'-0" — Men D102 - East

SHEET KEYNOTE LEGEND

09 65 19.A01	RESILIENT BASE
09 67 23.A02	INTEGRAL COVE BASE
09 77 23.A01	FABRIC-WRAPPED PANELS
10 11 00.A02	MARKERBOARDS
10 11 00.A04	VISUAL DISPLAY RAILS
10 28 00.A10	MIRROR UNIT
11 66 28.A07	WALL SAFETY PADS
12 52 00.A09	TALL CABINET WITH ADJUSTABLE SHELVES
12 52 00.A17	CABINET LOCK

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS. NOT USED.
2. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30' TYP.
3. ALL COLOR/MATERIAL TRANSITIONS SHALL BE INSTALLED AT INSIDE CORNERS.
4. TACKWALL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. TACKWALL CONTRACTOR RESPONSIBLE FOR CUTTING IN DATA/POWER/PHONE OUTLETS - RE: ELECTRICAL SHEETS.
5. CONTINUE WALL FINISH AS SCHEDULE BEHIND EQUIPMENT.
6. MILLWORK CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND INSTALLATION.
7. ALL BACKSPLASH MATERIAL SHALL MATCH COUNTERTOP MATERIAL.
8. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH.
9. AT OPEN KNEE SPACE OVER 3'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
10. PROVIDE 2" DIA. WHITE (WS) MOCKETT 5GS GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
11. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 70% T2; 20% T3; 10% T5. CUT T5 TO 8"X20".
12. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 70% T3; 30% T5. CUT T5 TO 8"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: WG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD3

* ALL WALL FINISHES ARE NOT GRAPHICALLY SHOWN. ONLY THOSE FOR CLARIFICATION. REFER TO ROOM FINISH SCHEDULE AND FINISH FLOOR PLANS.

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417.782.7398 fax

Smith & Boucher Engineers
Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority # EGC-000178
25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

BID DOCUMENTS

Ozark Junior High Additions & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD/AVL
CHECKED BY: GS/KO
DATE: 11.11.2015

A607

_____ OF _____

INTERIOR ELEVATIONS - AREA D

11/24/2015 2:38:31 PM

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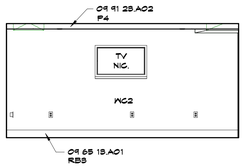
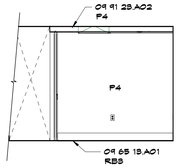
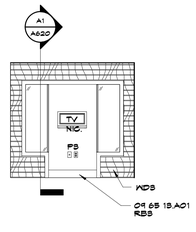


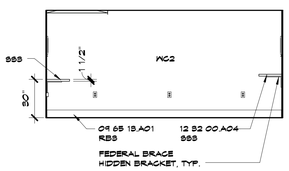
P1 | Scale 1/4" = 1'-0" | Flex E100A - Pod 1 North



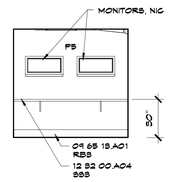
P4 | Scale 1/4" = 1'-0" | Flex E100A - Pod 1 West



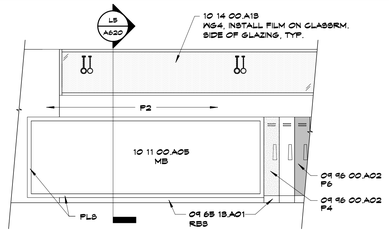
P6 | Scale 1/4" = 1'-0" | Flex E100B - Cave Space



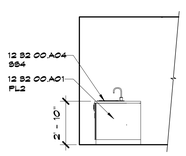
P8 | Scale 1/4" = 1'-0" | Flex E100C - Pod 2 North



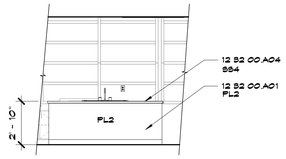
P11 | Scale 1/4" = 1'-0" | Flex E100C - Pod 2 East



P13 | Scale 1/4" = 1'-0" | Flex E100E - South



L1 | Scale 1/4" = 1'-0" | Life Skills D108 - Side



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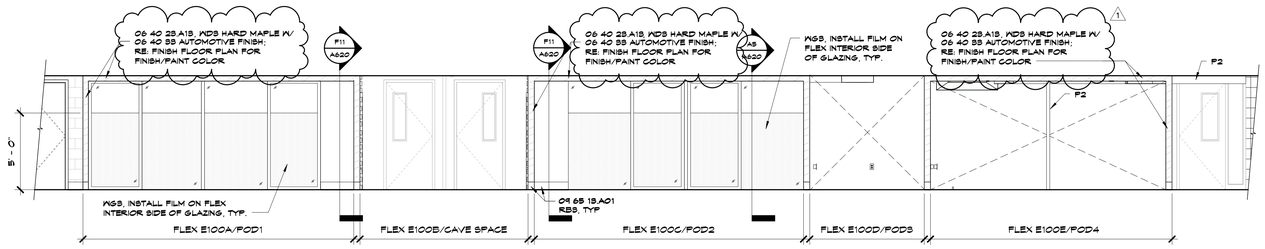


L6 | Scale 1/4" = 1'-0" | Flex Instruction E100 - North, ALT #9

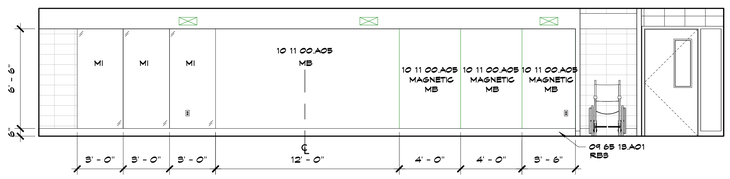
H1 | Scale 1/4" = 1'-0" | Toilet D108A - West

H4 | Scale 1/4" = 1'-0" | Life Skills D108 - North

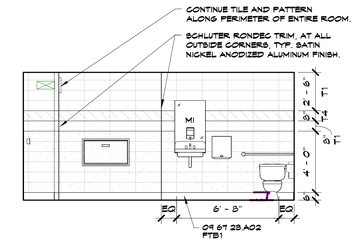
H7 | Scale 1/4" = 1'-0" | Life Skills D108 - South

H11 | Scale 1/4" = 1'-0" | Life Skills D108 - East

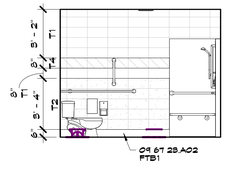
H14 | Scale 1/4" = 1'-0" | Life Skills D108 - Island North



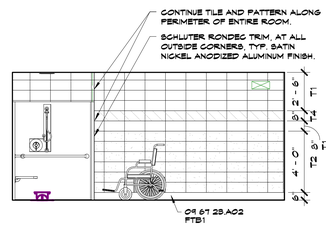
E1 | Scale 1/4" = 1'-0" | Motorskills D107 - North



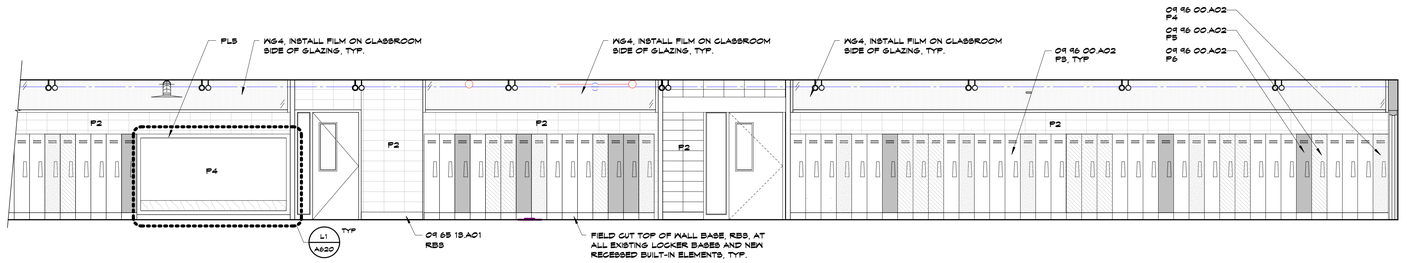
E8 | Scale 1/4" = 1'-0" | Toilet D108A - North



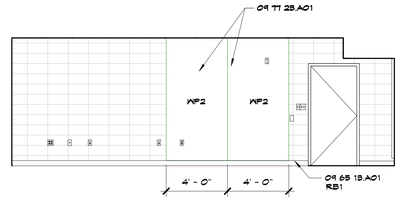
E11 | Scale 1/4" = 1'-0" | Toilet D108A - East



E14 | Scale 1/4" = 1'-0" | Toilet D108A - South



A1 | Scale 1/4" = 1'-0" | Corridor D106 - South



A13 | Scale 1/4" = 1'-0" | Motor Skills D107 - West

SHEET KEYNOTE LEGEND

06 40 23.A1B	ORNAMENTAL WOODWORK
09 65 19.A01	RESILIENT BASE
09 67 23.A02	INTEGRAL COVE BASE
09 77 23.A01	FABRIC-WRAPPED PANELS
09 91 23.AC2	PAINT - EGGSHELL
09 96 00.AC2	HIGH PERFORMANCE COATING - GLOSS
10 11 00.AC5	VISUAL DISPLAY WALL PANELS
10 14 00.A1B	INTERIOR VINYL GRAPHICS (GLASS SUBSTRATE)
12 52 00.AC1	PLASTIC LAMINATE FACED CABINETS
12 52 00.AC3	PLASTIC LAMINATE COUNTERTOPS
12 52 00.AC4	SOLID SURFACING COUNTERTOPS

GENERAL NOTES

1. RE: SHEET A001 FOR ALL FINISH TYPES AND LOCATIONS. NOT USED.
2. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30' TYP.
3. ALL COLOR/MATERIAL TRANSITIONS SHALL BE INSTALLED AT INSIDE CORNERS.
4. TACKWALL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. TACKWALL CONTRACTOR RESPONSIBLE FOR CUTTING IN DATA/POWER/PHONE OUTLETS - RE: ELECTRICAL SHEETS.
5. CONTINUE WALL FINISH AS SCHEDULE BEHIND EQUIPMENT.
6. MILLWORK CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO CASEWORK FABRICATION AND INSTALLATION.
7. ALL BACKSPLASH MATERIAL SHALL MATCH COUNTERTOP MATERIAL.
8. BOTTOM OF ALL COUNTER HEIGHT RECEPTACLE OUTLETS SHALL BE 6" ABOVE COUNTERTOP BACKSPLASH.
9. AT OPEN KNEE SPACE OVER 2'-0" WIDE, PROVIDE UNDERCOUNTER METAL GAMBAS SUPPORT BRACKETS, TYP.
10. PROVIDE 2" DIA. WHITE (1B) MOCKETT 8SS GROMMETS AT 48" O.C. MAX AT WORKSURFACE AT CIRCULATION DESK. CONTRACTOR TO LOCATE IN FIELD AND WORK DIRECTLY WITH CLIENT ON EXACT LOCATION.
11. RANDOM INSTALLATION OF CERAMIC TILE BAND (T2,T3,T5) AS SHOWN: 70% T2; 20% T3; 10% T5. CUT T5 TO 8"X20".
12. RANDOM INSTALLATION OF CERAMIC TILE (T3,T5) AS SHOWN: 70% T3; 30% T5. CUT T5 TO 8"X20".

MATERIAL LEGEND

- GRAIN DIRECTION
- GRAPHIC: WG
- CERAMIC TILE: T1
- CERAMIC TILE: T2
- CERAMIC TILE: T3
- CERAMIC TILE: T4
- CERAMIC TILE: T5
- WOOD: WD2, WD3

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Mechanical, Electrical, & Plumbing Engineering
State Certificate of Authority # EGC-000178
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913.345.2127 phone
913.345.0617 fax

BID DOCUMENTS

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Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
Nov 11, 2015
Kirk Christian Horner
A-2001016578

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JOB NO: 15029
DRAWN BY: HD/AVL
CHECKED BY: GS/KO
DATE: 11.11.2015

A608

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INTERIOR ELEVATIONS - AREA D & E

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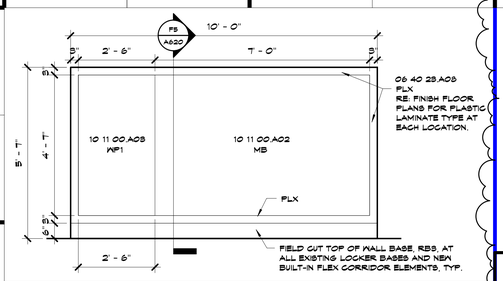
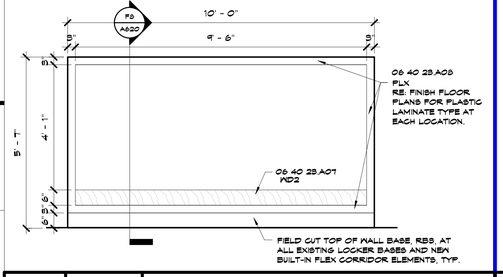
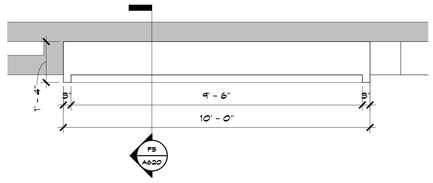


P1 Scale 1/2" = 1'-0" — Enlarged Elevation - Typ. Corridor Teaching Wall

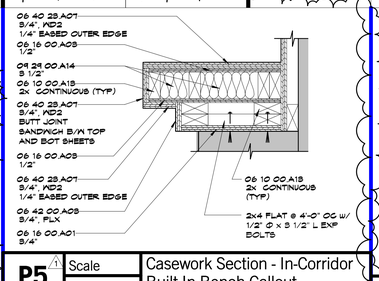


L1 Scale 1/2" = 1'-0" — Enlarged Elevation - Typ. Corridor Bench

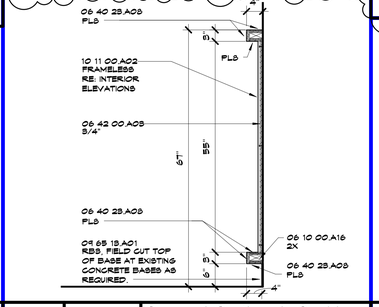


F1 Scale 1/2" = 1'-0" — Enlarged Plan - Typical In-Corridor Flex

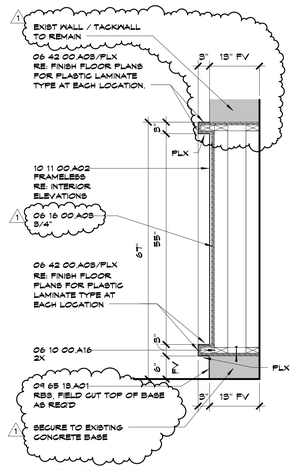
A1 Scale 3/4" = 1'-0" — Casework Section - Cave Space E/W



P5 Scale 1 1/2" = 1'-0" — Casework Section - In-Corridor Built-In Bench Callout

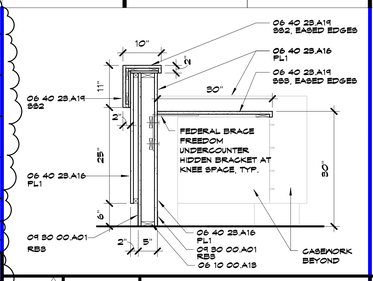


L5 Scale 3/4" = 1'-0" — Casework Section - In-Corridor Markerboard - CMU Mounted

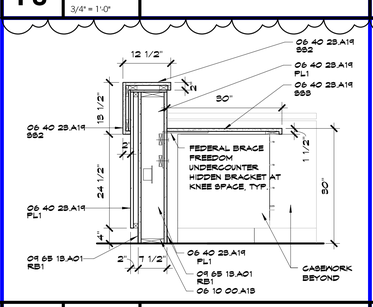


F5 Scale 3/4" = 1'-0" — Casework Section - In-Corridor Built-In Markerboard

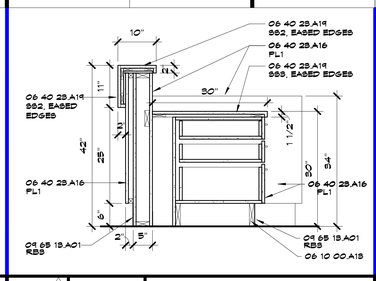
F8 Scale 3/4" = 1'-0" — Casework Section - In-Corridor Built-In Bench



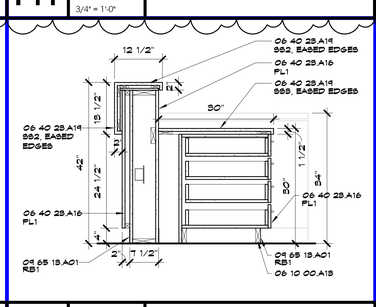
P8 Scale 3/4" = 1'-0" — Circulation Desk Section 1



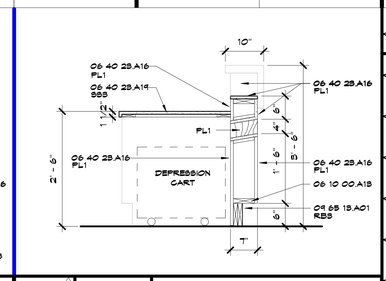
L8 Scale 3/4" = 1'-0" — Reception Desk Section 1



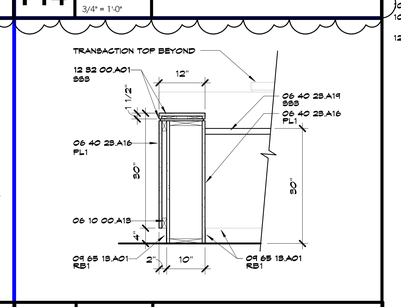
P11 Scale 3/4" = 1'-0" — Circulation Desk Section 2



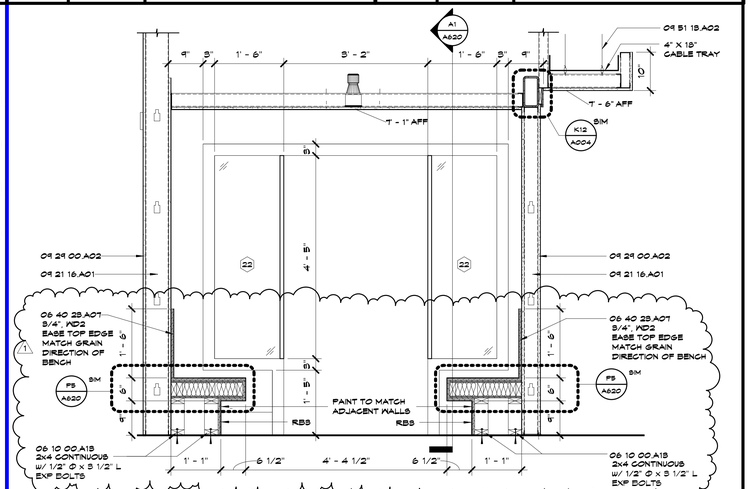
L11 Scale 3/4" = 1'-0" — Reception Desk Section 2



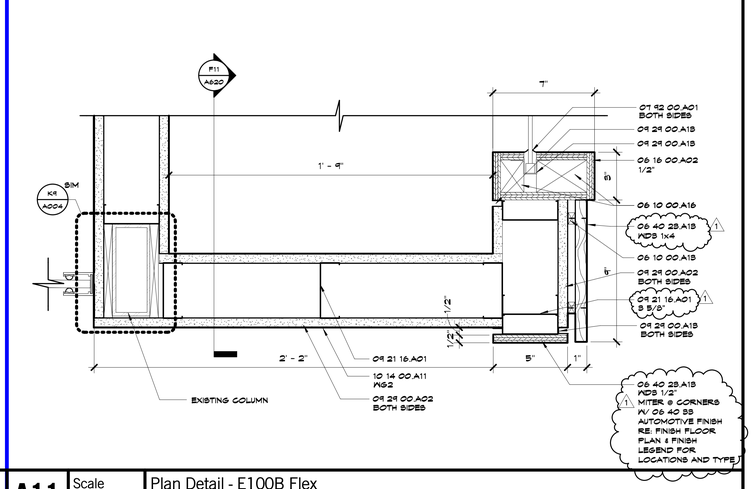
P14 Scale 3/4" = 1'-0" — Circulation Desk - Book Drop



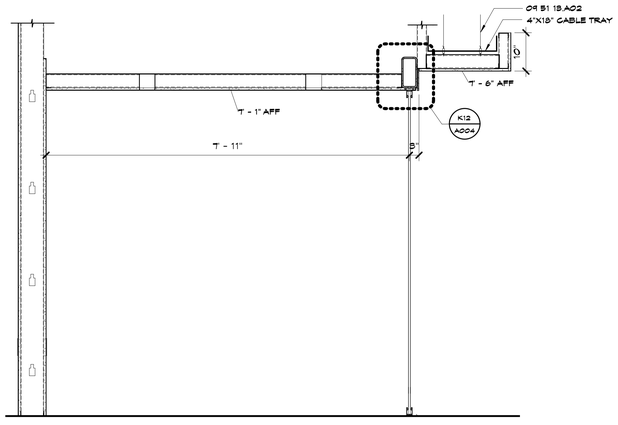
L14 Scale 3/4" = 1'-0" — Reception Desk @ ADA Counter



F11 Scale 3/4" = 1'-0" — Casework Section - Cave Space N/S



A11 Scale 3" = 1'-0" — Plan Detail - E100B Flex



A5 Scale 3/4" = 1'-0" — Section @ E100C Flex

SHEET KEYNOTE LEGEND

06 10 00.A15	WOOD BLOCKING/NAILERS
06 10 00.A16	FIRE-RETARDANT TREATED WOOD BLOCKING & NAILERS
06 16 00.AO1	FIRERETARDANT TREATED PLYWOOD
06 16 00.AO2	FIRE-RETARDANT TREATED PLYWOOD
06 16 00.AO5	PLYWOOD WALL SHEATHING
06 40 28.AO7	VENEERED PANELS
06 40 28.AO5	PLASTIC LAMINATE-CLAD PANELS
06 40 28.A15	ORNAMENTAL WOODWORK
06 40 28.A16	PLASTIC LAMINATE CABINETS - CUSTOM
06 40 28.A19	SOLID SURFACE COUNTERTOPS
06 42 00.AO5	PLASTIC LAMINATE CLAD PANELING
07 92 00.AO1	SEALANT
09 21 16.AO1	NON-STRUCTURAL FRAMING
09 29 00.AO2	GYPSUM BOARD - TYPE X
09 29 00.A15	REVEAL TRIM
09 29 00.A14	SOUND ATTENUATION BLANKETS
09 30 00.AO1	TILE
09 51 19.AO2	CEILING SUSPENSION SYSTEM
09 65 19.AO1	RESILIENT BASE
10 11 00.AO2	MARKERBOARDS
10 11 00.AO5	TACKBOARDS
10 14 00.A11	INTERIOR VINYL GRAPHICS (SMOOTH SUBSTRATE)
12 52 00.AO1	PLASTIC LAMINATE FACED CABINETS

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BID DOCUMENTS

REVISIONS:

#	Description	Date
1	Addendum No. 1	11.25.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT
Nov 11 2015
Kirk Christian Horner
A-2001016578

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DATE: 11.11.2015

A620

OF

CASEWORK DETAILS

11/24/2015 2:38:40 PM

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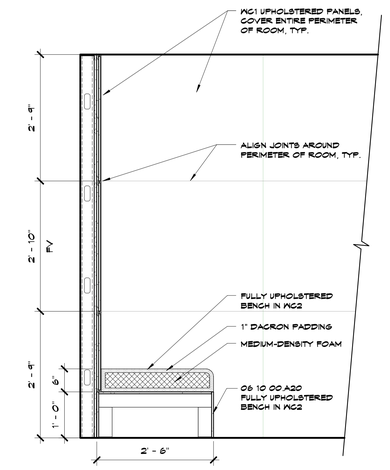
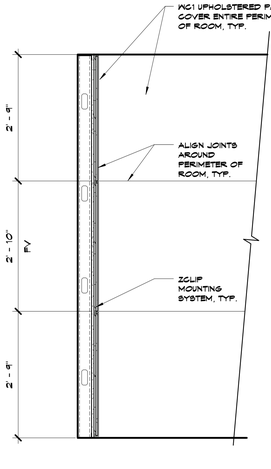
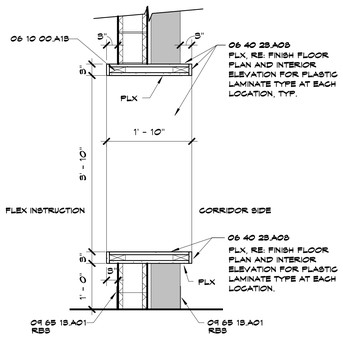


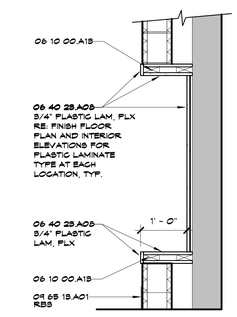
K1 1 | Scale 3/4" = 1'-0" | Calming Den - Bench Section



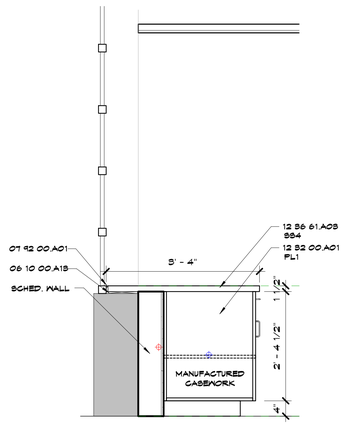
K5 1 | Scale 3/4" = 1'-0" | Calming Den - Upholstered Wall



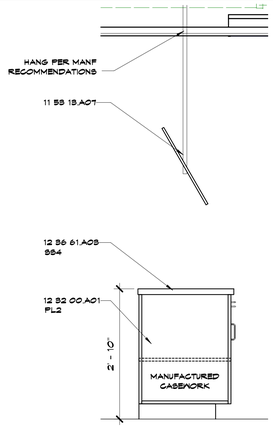
F1 Scale 3/4" = 1'-0" | Corridor to Flex Cave Space Section



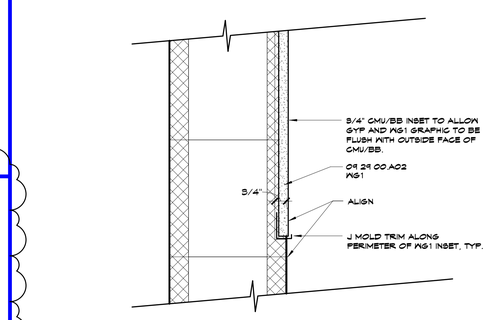
F5 Scale 3/4" = 1'-0" | Corridor Cave Space2



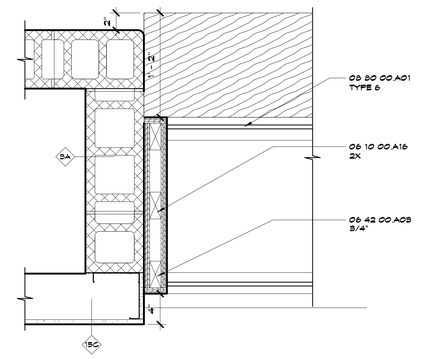
A1 Scale 3/4" = 1'-0" | Section @ E103 FACS @ Existing Wall & Counter



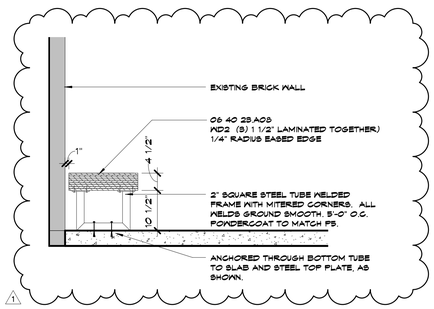
A5 Scale 3/4" = 1'-0" | Casework Section @ FACS Demo Station



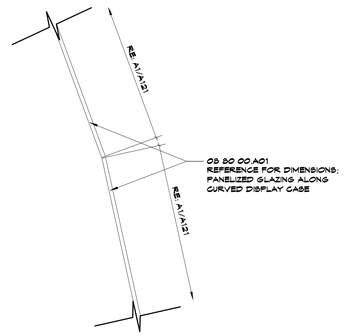
N8 Scale 3" = 1'-0" | Section @ CMU for WG1



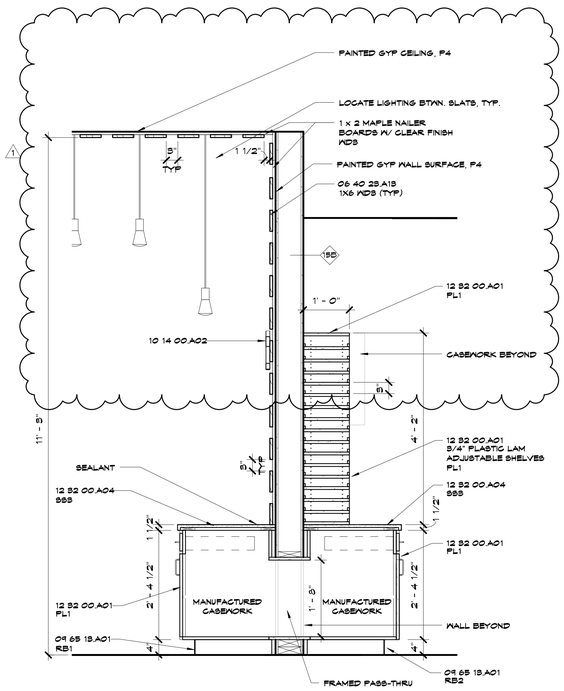
N13 Scale 1 1/2" = 1'-0" | Plan Detail @ Display Case Bench



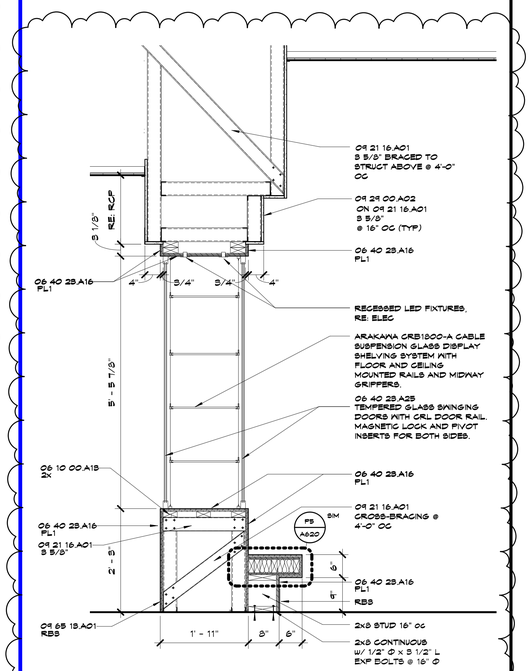
J8 Scale 3/4" = 1'-0" | Section @ B100 Main Entry Bench



J13 Scale 3" = 1'-0" | Plan Detail Reference - Display Case Panelized Glass



A8 Scale 3/4" = 1'-0" | Casework Section - B102 Workroom Mailbox



A13 1 | Scale 3/4" = 1'-0" | Cafeteria - North / Northeast Wall

SHEET KEYNOTE LEGEND

06 10 00.A15	WOOD BLOCKING/NAILERS
06 10 00.A16	FIRE-RETARDANT TREATED WOOD BLOCKING 4 NAILERS
06 10 00.A20	FRTD PLYWOOD BLOCKING AND BACKING PANELS
06 40 28.A05	PLASTIC LAMINATE-CLAD PANELS
06 40 28.A13	ORNAMENTAL WOODWORK
06 40 28.A16	PLASTIC LAMINATE CABINETS - CUSTOM
06 40 28.A25	SWINGING DISPLAY CASE DOOR SYSTEM
06 42 00.A08	PLASTIC LAMINATE CLAD PANELING
07 92 00.A01	SEALANT
08 80 00.A01	CLEAR MONOLITHIC FLOAT GLASS
09 21 16.A01	NON-STRUCTURAL FRAMING
09 29 00.A02	GYPSUM BOARD - TYPE X
09 65 19.A01	RESILIENT BASE
10 14 00.A02	DIMENSIONAL CHARACTERS
11 53 19.A07	DEMONSTRATION MIRROR
12 32 00.A01	PLASTIC LAMINATE FACED CABINETS
12 32 00.A04	SOLID SURFACING COUNTERTOPS
12 36 61.A08	QUARTZ AGGLOMERATE COUNTERTOPS

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BID DOCUMENTS

Ozark Junior High Additions & Renovations
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REVISIONS:

#	Description	Date
1	Addendum No. 1	11.23.2015

STATE OF MISSOURI — KIRK CHRISTIAN HORNER — NUMBER A-2001016578 — REGISTERED ARCHITECT

Kirk Christian Horner
A-2001016578

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A621

OF

CASEWORK DETAILS

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1 SITE DEVELOPMENT

C100 SCALE: 1" = 30'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

ADDENDUM 1

SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

1288	EXISTING GRADE LINES
1288	PROPOSED NEW GRADE LINES
	EXISTING BUILDING
	NEW FENCE
	NEW ASPHALT PAVING
	SURFACE FLOW ARROW
	FIBER ROLLS / SILT SOCK

+ 1265.5 PVT

NEW SPOT ELEVATIONS

LIST	ABBREVIATION
GRADE	NONE
SIDEWALK	SW
TOP OF WALL	TW
TOP OF CURB	TC
TOP OF PAVEMENT	PVT
NEW GRADE	GD
CONCRETE	CONC
EXISTING TOP OF CURB	ETC
EXISTING GRADE	EGD
EXISTING PAVEMENT	EPVT
EXISTING SIDEWALK	ESW
FLOW LINE	FL
TOP OF WALL	TOP

ADDENDUM 1

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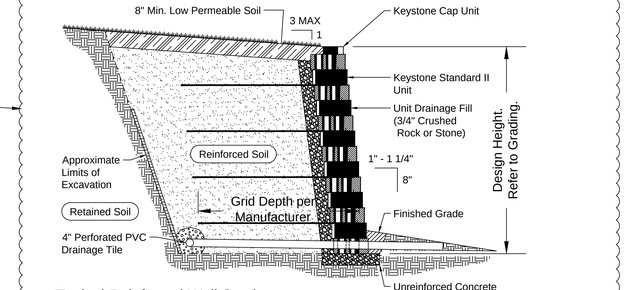
CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

ALL SITE DIMENSIONS TO THE FACE OF CURB, CONCRETE OR PROPERTY LINE UNLESS OTHERWISE NOTED. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND STARTING CONSTRUCTION.

ADDENDUM 1

PAVEMENT MARKINGS NOTE:
PAVEMENT MARKINGS, INCLUDING BUT NOT LIMITED TO: STALL STRIPING, HC AREAS, SHALL BE PROVIDED AS GENERALLY AS SHOWN WITH 4" WIDE STRIPING, HI-VISIBILITY, DURABLE, PAINT. ALL MARKING COLORS AND LOCATIONS SHALL BE PER THE OWNER AND MATCH EXISTING SITE CONDITIONS. ALL MARKING AND STRIPING SHALL BE COORDINATED WITH OWNER PRIOR TO ANY WORK. PAVEMENT MARKINGS (WHITE). ALL HANDICAP PARKING DESIGNATION (BLUE OR YELLOW).

ADDENDUM 1



Typical Reinforced Wall Section
Keystone Standard II Unit - 1" Setback

2 RETAINING WALL DETAIL

C100 NOT TO SCALE

Retaining Wall Notes:
1. LANDSCAPE BLOCK WALL TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS.
2. CONTRACTOR SHALL FOLLOW ALL APPLICABLE LOCAL CODES AND REGULATIONS.
3. LANDSCAPE BLOCK WALL UNITS SHALL BE FROM KEYSTONE WALLS (800-747-8971) OR EQUAL RETAINING WALL MANUFACTURER.
4. WHEN SITE CONDITIONS REQUIRE, WRAP DRAINAGE TILE IN 3/4" AGGREGATE AND FILTER FABRIC WITH DRAINAGE COMPOSITE OR AGGREGATE BACK DRAIN SYSTEM, AS DIRECTED BY GEOTECHNICAL ENGINEER OR MANUFACTURER.
5. CONTRACTOR TO COORDINATE SITE SPECIFIC DESIGN AND CONSTRUCTION DETAILS WITH KEYSTONE WALLS OR EQUAL.

SHEET KEYNOTE LEGEND

ADDENDUM 1

1. CONCRETE CURB & GUTTER. TYPICAL FOR ENTIRE SITE. *REFER TO DETAILS.*
2. STANDARD DUTY PAVEMENT IN PARKING STALLS. HEAVY DUTY PAVEMENT IN DRIVE/DELIVERY AISLES *REFER TO DETAILS.*
3. SIDEWALK WITH INTEGRAL CURB. *REFER TO DETAILS.*
4. NEW SIDEWALK SECTION. *REFER TO DETAILS.*
5. SIDEWALK RAMP. *REFER TO DETAILS.*
6. STEEL BOLLARD. REFER TO DETAILS. PROVIDE H.C. PARKING SIGN ON STEEL POST SET IN BOLLARD IN FRONT OF H.C. PARKING STALLS. *REFER TO DETAILS.*
7. ALL PAVEMENT MARKINGS PER PLANS. SEE NOTE THIS SHEET. *TYPICAL.*

ADDENDUM 1

8. 123 LF OF MODULAR BLOCK WALL. HEIGHT VARIES. COLOR AND STYLE SHOULD MATCH EXISTING ADJACENT WALL. WALL DESIGN SHALL BE BY BLOCK MANUFACTURER. INSTALL FENCE ON OR NEAR TOP OF WALL PER MANUFACTURERS RECOMMENDATIONS. *REFER TO DETAIL.*
9. ALL DRIVEWAY APRONS SHALL BE CONSTRUCTED PER THE CITY OF OZARK STANDARDS AND SPECIFICATIONS FOR A COMMERCIAL DEVELOPMENT. REFER TO STANDARD DETAIL 02525-11. *REFER TO DETAILS.*
10. 3' WIDE CURB CUT
11. LANDSCAPE AREA. *REFER TO LANDSCAPE PLANS.*
12. RETAINING WALL AND FENCE. *REFER TO STRUCTURAL PLANS.*
13. INSTALL TEN 7" TALL STEPS WITH HANDRAIL. *REFER TO ARCHITECT'S PLAN FOR DETAILS.*
14. INSTALL NINE 7" TALL STEPS WITH HANDRAIL. *REFER TO ARCHITECT'S PLAN FOR DETAILS.*
15. INSTALL CONCRETE TRICKLE CHANNEL. WHERE TRICKLE CHANNEL ALREADY EXISTS, REPLACE TRICKLE CHANNEL AT GRADES SHOWN. MATCH ELEVATIONS OF EXISTING, ADJACENT SIDEWALK AND RETAINING WALL, IF APPLICABLE. *REFER TO DETAILS.*
16. INSTALL 6 FEET TALL CHAIN LINK FENCE MATCHING EXISTING FENCE. INSTALL ON TOP OF WALL (OR IMMEDIATELY ADJACENT) PER MANUFACTURER'S RECOMMENDATION.
17. MATCH EXISTING FENCE.
18. REMOVE EXISTING SEGMENTAL BLOCK WALL WEST OF THIS LOCATION. BLOCKS MAY BE REUSED IF IN GOOD CONDITION.

ADDENDUM 1

19. REMOVE AND REPLACE RAILING BACK TO ORIGINAL CONFIGURATION.
20. TERMINATE FENCE AT BUILDING.
21. TERMINATE FENCE AT SIDEWALK
22. INSTALL GATE.
23. EXISTING FENCE TO REMAIN.
24. REMOVE EXISTING FENCE.

KEY PLAN

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25501 West Valley Parkway
Olathe, KS 66061
913.345.2127 phone
913.345.0617 fax

Ozark Junior High - South Parking Lot

Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

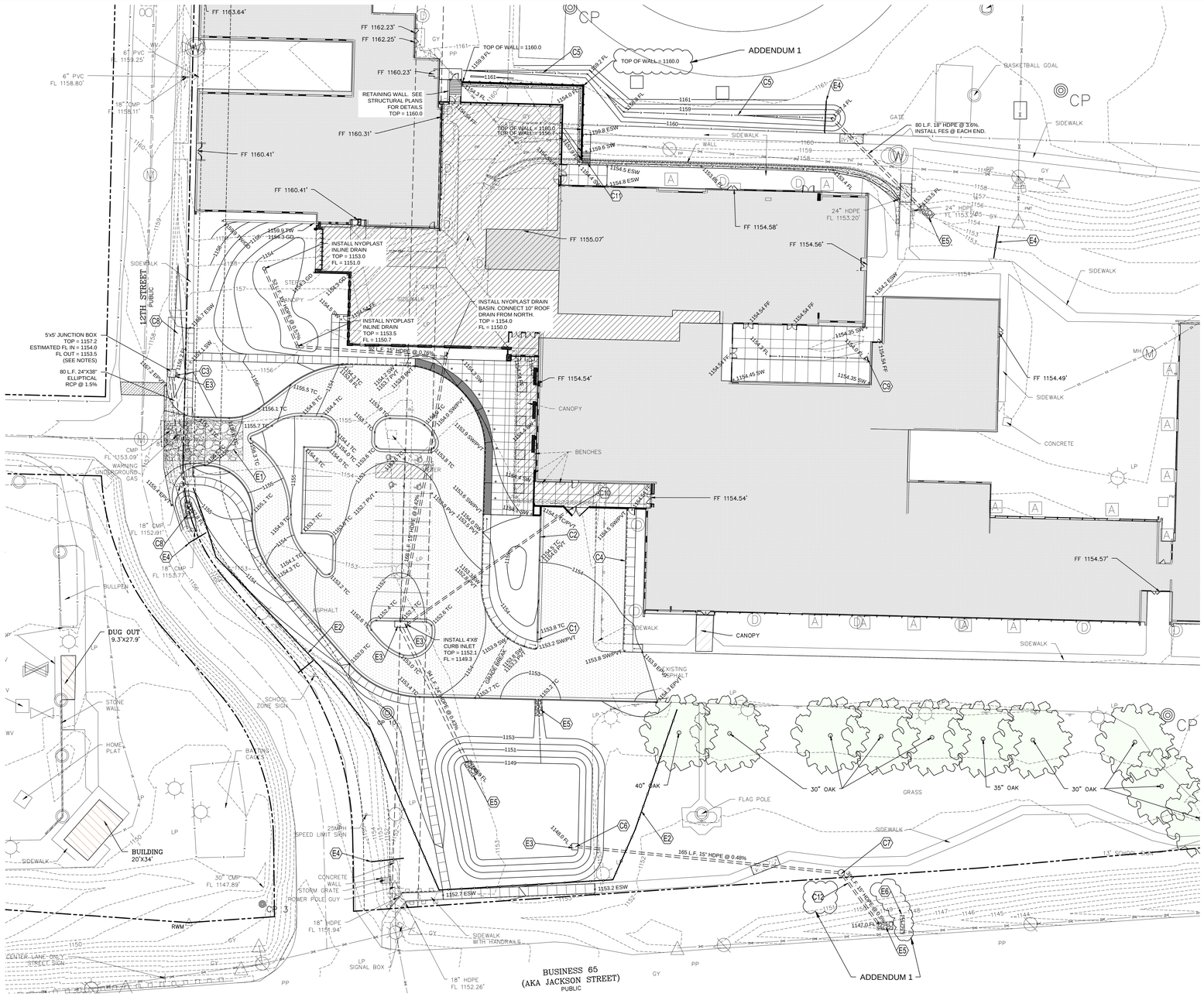
STATE OF MISSOURI BRYAN DOYLE BOUCHER NUMBER PE-2006019542 11-24-2015 PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDO
CHECKED BY: BDO
DATE: 11.10.2015

C100

OF

SITE DEVELOPMENT



1 SITE GRADING PLAN

101

SCALE: 1" = 30'

GENERAL NOTES

A. EXISTING SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION OF THE SITE AND THE SURVEY PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
B. CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL AND VERTICAL LINES AND GRADES OF EXISTING UTILITIES PRIOR TO THE CONSTRUCTION OF IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF A DISCREPANCY BETWEEN CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS.
C. CITY OF OZARK CONSTRUCTION INSPECTION DEPARTMENT SHALL BE CONTACTED A MINIMUM OF 48 HOURS BEFORE ANY WORK IS PERFORMED ON CITY RIGHT-OF-WAY OR ANY ACTIVITIES BEGIN ON PUBLIC IMPROVEMENTS.
D. APPLICABLE PERMITS MUST BE OBTAINED FROM THE CITY & STATE PRIOR TO EXCAVATION AND PRIOR TO ANY CONSTRUCTION.
E. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
F. GRADING AT ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION. GRADING AT ACCESSIBLE ROUTE SHALL NOT EXCEED 5% IN DIRECTION OF TRAVEL WITH 2% MAXIMUM CROSS SLOPE. GRADING AT BUILDING EGRESS DOORS SHALL NOT EXCEED 2% FOR A DISTANCE OF 5'-0" PERPENDICULAR FROM FACE OF DOOR.
G. TESTING OF CONTROLLED STRUCTURAL FILL, OBSERVATION OF EXCAVATIONS AND COMPACTION OF SUBGRADE SHALL BE DONE BY A QUALIFIED GEOTECHNICAL ENGINEER. FOLLOW GEOTECHNICAL ENGINEER RECOMMENDATIONS FOR SITE EXCAVATION REQUIREMENTS.
H. THE CONTRACTOR SHALL NOTIFY THE INSPECTOR OF ANY NEW SINKHOLES DISCOVERED DURING CONSTRUCTION.
I. THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY CONCERNS ASSOCIATED WITH THIS PROJECT DURING CONSTRUCTION, UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THIS PLAN OR ELSEWHERE IN THE CONTRACT.
J. THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE SUBJECT TO ERROR AND OMISSION. CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
K. A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND/OR FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS.
L. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
M. COORDINATION BETWEEN ALL PARTIES IS ESSENTIAL PART OF CONTRACT.CONTRACTOR SHALL COORDINATE AS NEEDED.
N. THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THIS SITE.
O. THE CONTRACTOR, BY AGREEING TO PERFORM THE WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE OWNER, THE ENGINEER, THE CITY, AND ALL AGENTS AND ASSIGNS OF THOSE PARTIES, FROM ALL SUITES AND CLAIMS ARISING OUT OF THE PERFORMANCE OF SAID WORK, AND FURTHER AGREES TO DEFEND OR OTHERWISE PAY ALL LEGAL FEES ARISING OUT OF THE DEFENSE OF SAID PARTIES.

GRID

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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EROSION CONTROL & MAINTENANCE PLAN NOTES:

1. RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
5. CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
6. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MATS C35 OR APPROVED EQUAL. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.
7. DETENTION BASIN SHALL BE USED AS A SEDIMENT BASIN DURING CONSTRUCTION.

STAGES OF CONSTRUCTION:

ADDENDUM 1

1. CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT OWNER WITH ANY CONFLICTS. FOLLOW SWPPP PLANS FOR ALL STAGES.
2. INSTALLATION OF CONSTRUCTION ENTRANCE.
3. INSTALLATION OF EROSION CONTROL FENCE.
4. DEMOLITION OF EXISTING SITE IMPROVEMENTS.
5. REMOVAL OF EXISTING PAVEMENT ON THE SITE.
6. INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS.
7. ROUGH GRADING.
8. CONSTRUCTION OF NEW SITE IMPROVEMENTS.
9. FINAL GRADING.
10. PLACEMENT OF FINAL LANDSCAPING ITEMS AND SOD.
11. REMOVAL OF EROSION CONTROL FENCE.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL.
2. FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION.
3. REFER TO STRUCTURAL DRAWINGS FOR BUILDING EXCAVATION REQUIREMENTS.

RIP-RAP NOTE:

PLACE RIP-RAP IN ALL PLACES AS INDICATED ON THE PLAN. THE STONE FOR RIP-RAP SHALL CONSIST OF FIELD STONE OR ROUGH UNHEWN QUARRY STONE AS NEARLY AS UNIFORM. IN SECTION AS PRACTICAL. THE STONES SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, AND SUITABLE IN ALL ASPECTS FOR THE PURPOSE INTENDED UNLESS OTHERWISE SPECIFIED. RIP-RAP SHALL CONSIST OF MATERIAL WITH A PREDOMINANT ROCK SIZE OF 6", A MAXIMUM ROCK SIZE OF 10", AND A GRADATION SUCH THAT NO MORE THAN 15% WILL BE LESS 3". STONES SHALL BE PLACED A MINIMUM OF 12" BELOW FINISH GRADE. ALL RIP-RAP SHALL BE PLACED OVER GEOTEXTILE FILTER FABRIC.

ADDENDUM 1

GENERAL GRADING NOTE:

1. CROSS SLOPES ON SIDEWALKS AND RAMPS SHALL NOT EXCEED 2%.
2. SIDEWALKS ADJACENT TO THE BUILD SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE NOT TO EXCEED 2%.
3. FINISHED GRASSED/LANDSCAPED AREAS SHALL BE SLOPED AWAY FROM THE BUILDING.

CAUTION:
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ADA PARKING AREAS SHALL NOT EXCEED 2% CROSS SLOPE IN ANY DIRECTION. THE DESIGNATED ADA PATH SHALL NOT EXCEED 2% CROSS SLOPE AND 5% LONGITUDINAL SLOPE IN ANY DIRECTION.

SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

1288	EXISTING GRADE LINES
1288	PROPOSED NEW GRADE LINES
	EXISTING BUILDING
	NEW FENCE
	NEW ASPHALT PAVING
	SURFACE FLOW ARROW
	FIBER ROLLS / SILT SOCK

+ 1265.5 PVT

NEW SPOT ELEVATIONS

LIST	ABBREVIATION
GRADE	NONE
SIDEWALK	SW
TOP OF WALL	TW
TOP OF CURB	TC
TOP OF PAVEMENT	PVT
NEW GRADE	GD
CONCRETE	CONC
EXISTING TOP OF CURB	ETC
EXISTING GRADE	EGD
EXISTING PAVEMENT	EPVT
EXISTING SIDEWALK	ESW
FLOW LINE	FL
TOP OF WALL	TOP

ADDENDUM 1

SHEET KEYNOTE LEGEND

C1 TAPER CURB DOWN AT 6H:1V
C2 TAPER TO FULL HEIGHT CURB.
C3 FLOW LINE OF EXISTING 30" ELLIPTICAL CMP PIPE IS ESTIMATED AND SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO ORDERING STORMWATER MATERIALS. JUNCTION BOX SHALL HAVE A 6" TALL BY 48" LONG OPENING AT ELEVATION 1156.2 ON THE EAST SIDE TO ACT AS AN INLET. REFER TO DETAILS.
C4 INSTALL PAVEMENT FLUSH WITH SIDEWALK
C5 INSTALL STORMWATER DITCH TO INTERCEPT ALL RUNOFF FROM THE NORTH. CHANNEL SHALL HAVE MINIMUM DEPTH OF 12" AND SIDE SLOPES OF 3H:1V.
C6 INSTALL OUTLET STRUCTURE. FL = 1148.0 REFER TO DETAILS.
C7 INSTALL NYOPLAST DRAIN BASIN (OR APPROVED EQUIVALENT) WITH SOLID LID. DIAMETER SHALL BE MINIMUM 24".
C8 REMOVE EXISTING CULVERTS AND DRIVEWAYS AND GRADE DITCH TO DRAIN.
C9 INSTALL NYOPLAST DRAIN BASIN (OR APPROVED EQUIVALENT) WITH 24" DIAMETER GRATE RATED FOR PEDESTRIAN TRAFFIC. CONNECT TO EXISTING PIPE. TOP ELEVATION = 1154.0.
C10 MATCH TO ROOF DRAIN. APPROXIMATE FL = 1150.5. INSTALL CLEAN OUT AT BEND. INSTALL 125 L.F. HDPE @ MINIMUM 0.9% SLOPE TO PROPOSED INLET. REFER TO PLUMBING PLANS FOR CONTINUATION INTO BUILDING.
C11 INSTALL 12" HDPE PIPE UNDER STAIRS.
C12 CONTRACTOR SHALL OBTAIN PERMIT FROM MODOT FOR WORK IN THE JACKSON STREET RIGHT OF WAY PRIOR TO CONSTRUCTION. CONTACT TERESA NIXON AT 417-766-3847.

ADDENDUM 1

EROSION KEY NOTES:

E1 PROVIDE CONSTRUCTION ENTRANCE. REFER TO DETAILS.
E2 PROVIDE FIBER ROLLS OR APPROVED EQUAL FOR PERIMETER SEDIMENT EROSION PROTECTION. REFER TO DETAILS.
E3 PROVIDE CURB INLET PROTECTION. REFER TO DETAILS. REMOVE ONCE PAVEMENT IS IN PLACE.
E4 PROVIDE SILT SOCK/HAYBALE CHECK DAM WITHIN NEWLY GRADED DITCH EVERY 100'. OR APPROVED EQUAL. REMOVE ONCE VEGETATION IS ESTABLISHED.
E5 INSTALL 5'X10' ROCK RIP RAP PAD. SEE NOTES.
E6 INSTALL ROCK CHECK DAM PER MODOT REQUIREMENTS.

KEY PLAN

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relationships • results
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Architecture # 2000161
Structure # 2006031333

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Smith & Boucher Engineers
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913.345.2127 phone
913.345.0617 fax

Ozark Junior High - South Parking Lot
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

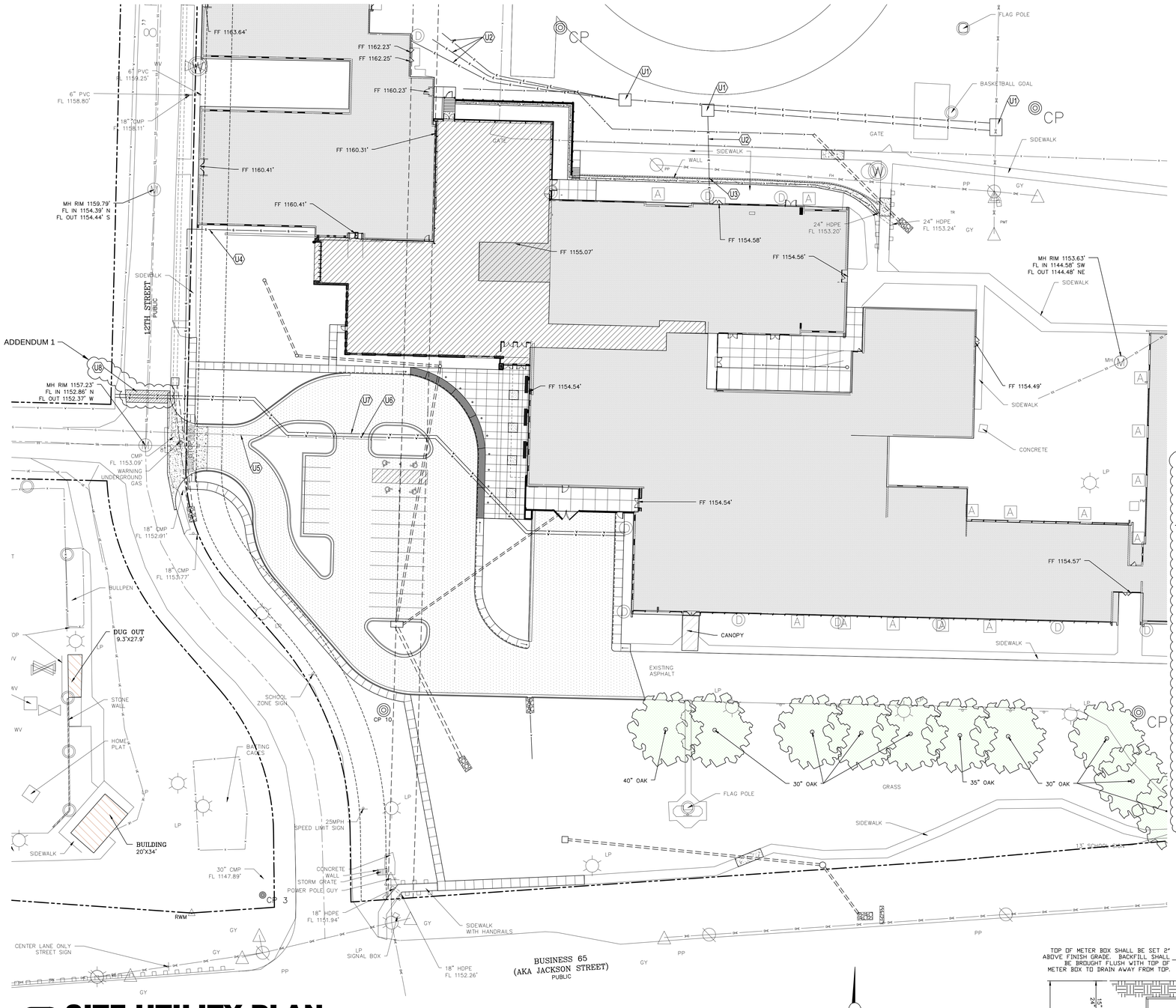
STATE OF MISSOURI BRYAN DOYLE NUMBER PE-2009019982 11-24-2015 PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDO
CHECKED BY: BDO
DATE: 11.10.2015

C101

_____ OF _____

SITE GRADING



1 SITE UTILITY PLAN

102

SCALE: 1" = 30'

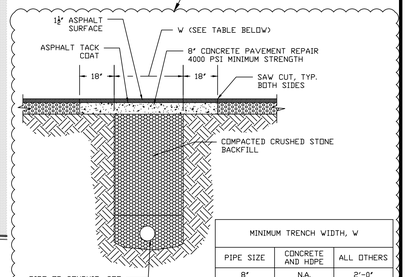
HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

GRID

CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

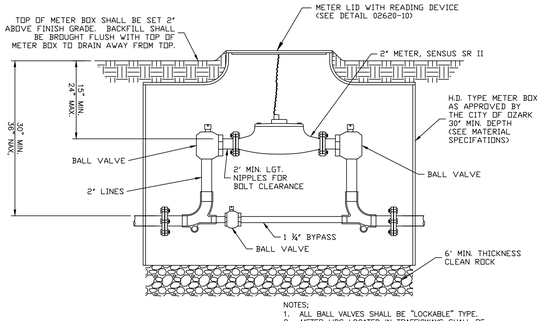


MINIMUM TRENCH WIDTH, W		
PIPE SIZE	CONCRETE AND HDPE	ALL OTHERS
8"	N.A.	2'-0"
10"	N.A.	2'-2"
12"	2'-10"	2'-4"
15"	3'-2"	2'-7"
18"	3'-8"	2'-10"
21"	4'-0"	3'-2"
24"	4'-6"	3'-6"
30"	5'-2"	4'-2"
36"	5'-8"	4'-8"
42"	6'-3"	5'-4"
48"	6'-10"	5'-10"

MAXIMUM TRENCH WIDTH, W, ALLOWABLE IS EQUAL TO MINIMUM TRENCH WIDTH PLUS 6"

NOTES:
1. THE WIDTH OF THE TRENCH SHALL BE HELD AS NEARLY AS POSSIBLE TO THE MINIMUM TRENCH WIDTH SPECIFIED HEREIN, FOR THE COMPLETE DEPTH OF TRENCH
2. BACKFILL SHALL BE WELL GRADED CRUSHED STONE ¾" TO 1" WITH LESS THAN 5% PASSING THE #4 SIEVE
3. BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR (ASTM D698) IN 8" MAX. LOOSE LIFTS
4. BACKFILL TO EXTEND 2' BEYOND EDGE OF STREET
5. TRENCH GREATER THAN 5 FEET IN DEPTH SHALL BE SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED PER OSHA AND LOCAL ORDINANCES

PAVEMENT CUT REPAIR
SCALE: NOT TO SCALE



NOTES:
1. ALL BALL VALVES SHALL BE "LOCKABLE" TYPE.
2. METER LIDS LOCATED IN TRAFFICWAYS SHALL BE ENCASED IN 4" MINIMUM THICKNESS CONCRETE, FLUSH WITH DRIVING SURFACE AND WITH AN OUTER DIAMETER GREATER THAN THE METER BOX DIAMETER.

WATER METER
SCALE: NOT TO SCALE

SHEET KEYNOTE LEGEND

U1 PRIMARY SERVICE BY ELECTRIC COMPANY. CONTRACTOR SHALL INSTALL REQUIRED PADS AND CONDUIT. COORDINATE REQUIREMENTS AND LOCATION WITH ELECTRIC COMPANY AND ELECTRIC PLANS.

U2 ELECTRIC SERVICE LINE. REFER TO ELECTRIC PLANS.

U3 REMOVE EXISTING SEGMENTAL BLOCK WALL TO INSTALL ELECTRIC SERVICE. REPLACE BLOCK WALL USING EXISTING OR NEW, MATCHING BLOCK.

U4 GAS SERVICE AND METER BY GAS UTILITY. EXACT ROUTE TO BE DETERMINED BY GAS UTILITY. REFER TO PLUMBING PLAN FOR CONTINUATION INTO BUILDING.

U5 EXISTING GAS SERVICE TO ABANDONED OR REMOVED. COORDINATE WITH GAS UTILITY.

U6 INSTALL 3" SDR 9 ASTM D2666 WATER SERVICE LINE PER CITY STANDARDS. CONTRACTOR SHALL WET TAP WATER MAIN AND INSTALL METER PIT NEAR WATER MAIN. COORDINATE METER LOCATION WITH CITY. COORDINATE WITH PLUMBING PLANS. MAINTAIN MINIMUM 42" COVER OVER PIPE.

U7 INSTALL 6" CLASS 800 PVC FIRE LINE PER CITY STANDARDS. CONTRACTOR SHALL WET TAP WATER MAIN. COORDINATE TAP LOCATION WITH CITY. INSTALL THRUST BLOCKING AT ALL BENDS PER CITY REQUIREMENTS. COORDINATE WITH PLUMBING PLANS. MAINTAIN MINIMUM 42" COVER OVER PIPE.

U8 REPAIR PAVEMENT. REFER TO DETAIL.

ADDENDUM 1

KEY PLAN

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Architecture # 2000161
Structure # 2006031333

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Ozark Junior High - South Parking Lot
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

STATE OF MISSOURI
BRYAN DOYLE OSBORN
NUMBER
PE-2009018766
11-24-2015
PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDO
CHECKED BY: BDO
DATE: 11.10.2015

C102

_____ OF _____

SITE UTILITY

1 SITE DEMOLITION PLAN

C100 *SCALE: 1" = 30'*

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

GRID

DEMOLITION NOTES:

1. THE GENERAL DESCRIPTION OF THE DEMOLITION WORK IS TO FURNISH ALL EQUIPMENT, LABOR, LAYOUTS OF WORK FEATURES, AND SUPERVISION NEEDED TO DEMOLISH AND DISPOSE ALL DEMO MATERIALS.
2. UNLESS INDICATED TO REMAIN ON THIS SHEET OR OTHER SHEETS, ALL IMPROVEMENTS WITHIN THE INDICATED LIMITS OF DEMOLITION SHALL BE DEMOLISHED. THIS INCLUDES BUT IS NOT LIMITED TO ALL TREES, FOOTINGS, FOUNDATIONS, PAVEMENTS, SEPTIC SYSTEMS, AND SITE UTILITIES.
3. ANY EXISTING WELLS NOT INDICATED TO REMAIN SHOULD BE CAPPED ACCORDING TO COUNTY AND MISSOURI DNR REGULATIONS.
4. THE CONTRACTOR SHALL DOCUMENT THE CURRENT CONDITIONS OF ALL ROADWAYS, SIDEWALKS AND ALL STRUCTURES TO REMAIN IN THE DEMOLITION AREA.
5. THE WORK INCLUDES CAPPING AND PLUGGING OF UTILITIES, WITH ALL EQUIPMENT, MATERIALS, AND LABOR IN ACCORDANCE WITH LOCAL REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR DISCONNECTION OF ALL UTILITIES, PLUGGING OF SEWER TAPS, AND REMOVING SEPTIC TANKS. DISCONNECTION OF ALL UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR WITH THE APPROPRIATE LOCAL SERVICE PROVIDER. THE CONTRACTOR SHALL CONTACT THE LOCAL UTILITY COMPANIES PRIOR TO COMMENCING WORK TO COORDINATE TERMINATION OF GAS, WATER, ELECTRIC, PHONE, CABLE TV, AND ANY OTHER UTILITY SERVICES TO THE PROPERTY LINE. SEWER TAPS SHALL BE PLUGGED AT THE PROPERTY LINE WITH SCREW TYPE EXPANDING PLUG INSERTS OR OTHER MEANS APPROVED BY THE LOCAL SEWER AUTHORITY, TO PREVENT INTRUSION OF GROUND WATER INTO THE EXISTING SEWER SYSTEM. ANY UTILITIES UNDER PROPOSED BUILDING OR PAVEMENT AREAS SHALL BE COMPLETELY REMOVED OR ABANDONED IN PLACE AND FILLED WITH CONCRETE GROUT.
6. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETE DEMOLITION AND REMOVAL OF ALL IMPROVEMENTS UNLESS OTHERWISE NOTED. ALL DEMOLITION DEBRIS SHALL BE TAKEN TO AN APPROVED DUMP SITE. ANY BASEMENTS OR CRAWL SPACES SHALL BE FILLED IN ACCORDANCE TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
7. NO EXPLOSIVES WILL BE PERMITTED.
8. THE USE OF BURNING AT THE PROJECT SITE FOR DEMOLITION OR THE DISPOSAL OF REFUSE AND DEBRIS WILL NOT BE PERMITTED.
9. ALL MISSOURI DNR, EPA AND OSHA REGULATIONS MUST BE COMPLIED WITH DURING DEMOLITION AND DISPOSAL.
10. THE CONTRACTOR SHALL USE EQUIPMENT AND PERFORM WORK IN A MANNER TO PREVENT DAMAGES TO SENECA SCHOOLS INFRASTRUCTURE FACILITIES AND ADJACENT PROPERTIES AND RIGHT-OF-WAYS.
11. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO NEIGHBORING PROPERTIES. THE CONTRACTOR SHALL PROTECT ALL FIRE HYDRANTS AND ALL UTILITIES ADJACENT TO THE LIMITS OF DEMOLITION DURING WORK OPERATIONS. ANY DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED AS APPROVED BY THE OWNER, AS A NON-REIMBURSABLE EXPENSE OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL COMPLY WITH ANY ENVIRONMENTAL LAWS, REGULATIONS, CONDITIONS OR INSTRUCTIONS DURING THE PERFORMANCE OF ANY WORK UNDER THIS CONTRACT AND SAME ARE INCORPORATED AS PART OF THIS CONTRACT. THE CONTRACTOR SHALL USE ALL REASONABLE MEANS AVAILABLE TO PROTECT THE ENVIRONMENT AND NATURAL RESOURCES AND WHERE DAMAGE OCCURS THE CONTRACTOR SHALL BE LIABLE TO RESTORE THE DAMAGED PREMISES.
13. THE CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY HISTORICAL, ARCHEOLOGICAL, ARCHITECTURAL OR OTHER CULTURAL ARTIFACT, RELIC, REMAINS OR OBJECTS. ALL ITEMS HAVING ANY APPARENT HISTORICAL OR ARCHAEOLOGICAL INTEREST WHICH ARE DISCOVERED SHALL BE CAREFULLY PRESERVED. THE CONTRACTOR SHALL LEAVE THE ARCHAEOLOGICAL FIND UNDISTURBED AND IMMEDIATELY REPORT THE FIND TO SENECA SCHOOLS AUTHORIZED AGENT SO THAT THE PROPER AUTHORITIES MAY BE NOTIFIED.

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Ozark Junior High - South Parking Lot
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1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	See addendum 1	11/24/2015

STATE OF MISSOURI
BRYAN DOYLE
DOUGHERTY
NUMBER
PE-2009-0182
11-24-2015
PROFESSIONAL ENGINEER

JOB NO: 70017-15
DRAWN BY: BDD
CHECKED BY: BDD
DATE: 11.10.2015

C104

____ OF ____

SITE DEMOLITION

C. Foundations

1. Geotechnical Report
   a. Read and be familiar with all aspects of the Geotechnical Engineering Report which was prepared by Anderson Engineering INC August 11,2015 Project #60047-15

2. Spread Footings, Trench Footing and Grade Beams
   a. All shallow foundations have been designed to bear on undisturbed soil or engineered Fill for a net allowable bearing pressure of 1500 psf. See note in detail at high wind area for required soil bearing pressures

3. All structural concrete utilized for the purpose of retaining soil shall attain full design strength prior to any backFill being placed against the concrete.

4. Side forms for trenched foundations are not required.

D. Concrete

1. All concrete and reinforcing details shall conform to ACI 318-11 and CRSI "Manual of Standard Practice".

2. Strength - The following areas shall have a minimum 28 day compressive strength:
   a. Interior flatwork concrete: 4000 psi
   b. Exterior flatwork concrete: 4000 psi
   c. Footing and grade beams: 3000 psi

3. No water may be added to the concrete mix on the job site unless specifically withheld at the batch plant. The workability should be attained through the use of water-reducing agents and/or super-plasticizing chemical admixtures.

4. Reinforcing
   a. Grade
      1. Typical reinforcing ASTM A615, Grade 60
      2. Welded reinforcing ASTM A706
   b. Lap splices and development lengths in reinforcement shall be 48 bar diameters unless indicated elsewhere in the drawings and specifications. Lap welded wire reinforcing one full mesh space plus 2 inches.
   c. Welded Wire Reinforcing ASTM A185
      1. All welded wire reinforcing for slab on grade shall be supported on metal chairs specifically designed for soil bearing conditions. Pulling reinforcing up during concrete placement is not allowed.
   d. All concrete shall be reinforced unless specifically identified on the drawings as unreinforced. Reinforce sections with similar conditions located elsewhere on the project.
   e. All synthetic and steel fiber reinforcement shall be considered secondary reinforcing only.

5. Concrete cover shall be the following.
   a. Concrete cast against and exposed to earth 3"
   b. Concrete exposed to weather #5 and smaller 1 ½"
   c. Concrete exposed to weather #6 and larger 2"
   d. Concrete not exposed to weather or earth
      1. Slabs, wall and joist ¾"

6. All openings in slabs, walls, foundations, etc. shall have an additional 2-#5's on each side, in each corner of the opening and each face of the member. Extend reinforcing 2'-6" beyond edge of opening.

7. Aluminum items shall not be embedded in concrete.

8. House keeping pads and toppings slabs shall be reinforced with WWR 6x6-2.1x2.1, unless indicated elsewhere in the drawings and specifications.

E. Pre-Cast Concrete

1. All pre-cast design, detailing and connections shall be in accordance with the recommendations of PCI.

2. All pre-cast members shall have a minimum concrete strength of 5000 psi at 28 days.

3. Post tensioning strands shall be 270 ksi low relaxation strands.

4. All pre-cast design, including panel to panel connections and connections to the structure shall be the responsibility of the Contractor. Calculations shall be prepared and submitted along with shop drawings for review. All calculations shall be signed and sealed by a registered, professional engineer licensed in the State of the project. It is preferable that the calculations be well organized and indexed for ease of review.

A. Building Code

1. The design and construction shall conform to the 2012 International Building Code (IBC) as amended by the City of Ozark, Missouri.

B. Design Loads - Nominal

1. This project is designed to resist the most critical loads resulting from the basic load combinations outlined in section 1605 of the code.

2. Dead Loads
   a. The roof mounted equipment weights used for design are indicated on the contract documents. The Contractor shall submit actual weights for all roof mounted equipment for review by the Engineer.
   b. Total service roof dead load: 25 psf.
   c. Total Double-Tee dead load: 125 psf (Double Tee Self Wt + Insulation).

3. Live Loads
   a. Code Loads
      1. Roof 30 psf
      2. Double Tee 100psf
   b. Live load reduction has not been utilized.

4. Tornado Shelter wind (Precast) in accordance with ICC 500-08:
   a. Basic wind speed V3S=250 mph
   b. Risk Category IV
   c. Exposure Factor C
   d. Internal Pressure Coifficient ±0.55
   e. Components & Cladding Force per code
   f. Diagram Factor 1.0
   g. Directional Factor 0.85

5. Wind - The wind load is in accordance with ASCE 7-10 with the following criteria:
   a. Basic wind speed V3S=120 mph
   b. Risk Category III
   c. Exposure Factor C
   d. Internal Pressure Coifficient ±.18
   e. Components & Cladding Force per code

6. Snow - The snow load is in accordance with ASCE 7-10 with the following criteria:
   a. Ground snow load pg=20 psf,
   b. Exposure Factor Ce=0.9
   c. Importance Factor Is=1.10
   d. Thermal factor Ct=1.0

7. Seismic Precast shelter - The seismic design is in accordance with the general building code with the following criteria:
   a. Importance Factor Ie=1.25
   b. Risk Category III
   c. 0.2 sec Spectral Response Acceleration Ss=20.7%
   d. 1.0 sec Spectral Response Acceleration S1=10.4%
   e. Soil Site Class D
   f. Design 0.2sec Spectral Response Acceleration Sds=22.1%
   g. Design 1.0sec Spectral Response Acceleration Sd1=14.5%
   h. Seismic Design Category C
   i. Basic Seismic Force Resisting System Intermediate Precast Shear Wall
   j. Design Base Shear 126 k kips
   k. Seismic Response Coefficient Cs=0.07
   l. Response Modification Coefficient R=4.0
   m. Analysis Procedure Equivalent Lateral Force

8. Seismic - The seismic design is in accordance with the general building code with the following criteria:
   a. Importance Factor Ie=1.25
   b. Risk Category III
   c. 0.2 sec Spectral Response Acceleration Ss=20.7%
   d. 1.0 sec Spectral Response Acceleration S1=10.4%
   e. Soil Site Class D
   f. Design 0.2sec Spectral Response Acceleration Sds=22.1%
   g. Design 1.0sec Spectral Response Acceleration Sd1=14.5%
   h. Seismic Design Category C
   i. Basic Seismic Force Resisting System Steel systems not specifically detailed for seismic
   j. Design Base Shear 46 kips
   k. Seismic Response Coefficient Cs=0.09
   l. Response Modification Coefficient R=3.0
   m. Analysis Procedure Equivalent Lateral Force

F. Masonry

1. All masonry design and detailing shall be in accordance with the recommendations of TMS 402/ACI 530.

2. Materials
   a. Design strength f'm = 2500 psi

3. Minimum reinforcing for 8" and 12" non-load bearing masonry shall be (1)#4 at 48" on center minimum. Reference the Architectural drawings for location of all non-load bearing walls.

4. Control joints in all masonry shall be at 20 feet maximum on center unless indicated elsewhere in the drawings and specifications. All horizontal joint reinforcement shall be discontinuous at vertical control joints. All horizontal reinforcement in bond beams shall be continuous through vertical control joints. Reference Architectural plans and elevations for joint location and typical details.

5. All CMU shall be running bond unless otherwise noted in the contract documents.

6. When stacked bond is used for wall framing, the Contractor shall provide a continuous bond beam at 4'-0" on center vertically, reinforced with 1-#4 continuous.

7. Reinforcement Details
   a. Rebar positioners shall be used for all reinforcing and all vertical cells should be free of debris and excess mortar such that a minimum space of 3" by 3" is maintained to ease the placement of grout.
   b. Lap splices shall be 48 bar diameters minimum unless indicated elsewhere in the drawings and specifications.
   c. Locate wall reinforcing at jambs, ends of walls and each side of control joints. Reference typical details for additional reinforcing information.
   d. Reinforcing shall be placed prior to grouting.

8. Grout shall be consolidated by means of mechanical vibration unless self-consolidating grout is used.

9. Grout solid all units below grade and below finish floor.

G. Structural Steel

1. All steel fabrication and erection shall be in accordance with the requirements and recommendations of the American Institute of Steel Construction (AISC) Manual of Steel Construction, 14th edition
   a. Steel design shall be per Allowable Stress Design or Load and Resistance Factor Design as outlined by AISC.

2. Grade
   a. Steel W and WT-shapes ASTM A992 or ASTM A572, Gr. 50
   b. Channels, angles and plates ASTM A36
   c. Square hollow structural shapes ASTM A500, Grade B (46 ksi)
   d. Connection material ASTM A36

3. Connections
   a. Connection design shall be based on reactions listed on the drawings and specifications. Minimum connection reaction shall be 10 Kips unless noted otherwise. All gravity and lateral loads noted in the drawings are service level loads.
   b. All connection design calculations shall be signed and sealed by a licensed, professional engineer licensed in the State of the project.
   c. All bolted lateral bracing connections (beams, columns, and bracing) shall be designed as slip critical connections.
   d. It is the preference of the Engineer of record to have shop welded, field bolted connections unless shown otherwise on the drawings.
   e. All beam to column connections to be designed for a minimum of 5 kips Axial, TYP

4. Anchor Rods
   a. Anchor rods shall conform to ASTM F1554, Grade 55.
   b. Steel or plywood templates shall be used for all anchor rod placement in concrete and masonry.

5. Thermal cutting is not allowed in the field.

6. The contractor shall supply all miscellaneous steel as required by the contract documents. Miscellaneous steel shall include, but is not limited to, shelf angle, glass support, lintels, catwalks and other steel required for stabilization of architectural elements.

H. Open Web Joist

1. Open web steel joist shall be designed, fabricated and erected in accordance with the latest recommendations of Steel Joist Institute (SJI).

2. Following are the minimum end bearing and weld requirements when an open web steel joist bears on structural steel:
   a. K-series - 2 ½" bearing with a 3/16"x2" Fillet weld each side of the joist seat.
   b. LH-series - 4" bearing with a 1/4"x2½" Fillet weld each side of the joist seat.

3. Following are the minimum end bearing requirements when an open web steel joist bears on load bearing CMU:
   a. K-series - 4" bearing on an embed plate located not more than ½" from the face of the wall. Weld the joist to the embed plate with a 3/16"x2" Fillet weld each side of the joist seat.
   b. LH-DLH-series - 4" bearing on an embed plate located not more than ½" from the face of the wall. Weld the joist to the embed plate with a 1/4"x2½" Fillet weld each side of the joist seat.

4. All joists, joist girders and joist accessories shall be designed for a net uplift of 35 psf in the corners, 27 psf at the edges and 17 psf in the field of the building. Edge zone = 6 feet

5. All components and cladding wind pressures are strength level

I. Steel Deck

1. Steel roof and floor deck shall be designed, fabricated and erected in accordance with the recommendations of the latest edition of Steel Deck Institute (SDI) Manual.

2. Roof diaphragm shear connections shall be minimum 5/8" puddle welds at 12" on center with 3-#10 TEK screw in nested side laps. The Contractor shall verify the diaphragm shear connection design with the diaphragm shear loads provided on the plans.

3. Crimped or button punched side lap fastening is not allowed for any roof deck or floor deck.

4. All roof deck shall be designed for a net uplift of 40 psf in the corners, 32 psf at the edges and 22 psf in the field of the building. Edge zone = 6 feet

5. All components and cladding wind pressures are strength level

J. Post Installed Anchors

1. All post installed anchors shall be installed per the manufactures recommendations.
   a. Install expansion anchors per the manufactures recommended standard embedment unless otherwise noted in the contract documents.
   b. The embedment of all post installed anchors shall be defined as the distance from the surface of the loaded material and the deepest part of the anchor after the anchor is placed but not expanded.

2. All expansion anchors shall perform to a minimum load capacity of the Hilti Kwik Bolt 3 or approved equal.

3. All adhesive anchors embedded in concrete shall perform to a minimum load capacity of the Hilti HIT HY-200 MAX Adhesive Anchors.

4. #3 with solid grouted masonry and HY-70

5. All anchors shall be stainless steel at exterior exposed conditions.

K. Cold Formed Steel

1. All cold formed steel framing shall be designed, fabricated and erected in accordance with the recommendations of latest American Iron and Steel Institute (AISI) Specification.

2. All cold formed steel indicated in these contract documents have been referenced by the Steel Stud Manufacturers Association (SSMA) nomenclature.

3. Wall bridging shall be installed at 4'-0" on center maximum.

4. Top and bottom tracks shall match the wall stud thickness and depth.

5. All welding shall conform to latest AWS D1.3.

6. Pre-drill holes for all screws which are not self-tapping.

7. All lapped, screwed connections shall be made with a minimum of 4-#12-14 screws or the equivalent weld unless noted otherwise.

8. All screwed connections shall provide for a minimum of ½" edge distance and spacing. All screws shall be completely installed such that the plies of metal being connected are tight to one another.

9. All floor and roof framing shall align with the wall stud below.

10. Joist blocking shall be spaced at 8'-0" maximum.

11. Composite design of sheathing and wall studs is not allowed.

12. All framing members shall be cut square such that they fit tight at all perpendicularconnections.

13. Field splices of structural cold formed members are not allowed.

14. Field splices of structural light gage members are not allowed.

F. Miscellaneous

1. Site visits will be made by representatives of Hollis and Miller Architects in order to establish the general conformance of the construction to the contract documents. Observations by the Engineer shall not be considered inspections and in no way relieves the Contractor of any requirements of the contract documents.

2. Stability of the structure during construction, including load bearing and non-load bearing masonry walls, is the responsibility of the Contractor. The Engineer is responsible for the stability of the completed structure only.

3. Conflict between the Architectural and Structural Drawings shall be brought to the attention of the Architect and Engineer immediately. When conflicts occur between the drawings and the specifications, the strictest interpretation shall govern.

4. The Engineer shall not be in control of, have charge of, or be responsible for the construction means and methods. The contractor is solely responsible for all construction means, methods, procedures, techniques and job sequence.

5. Typical details are intended to represent typical conditions for the entire project. Typical details may or may not be indicated on plans

6. All existing field and building conditions shall be verified by the Contractor before any other work shall begin. Coordinate with Engineer of Record regarding any discrepancy with existing building dimensions.

7. Submittals
   a. Submittals are to be based upon the latest submitted contract documents. This includes all addendums, Architectural Supplemental Instructions (ASIs) and Structural Supplemental Drawings (SSDs) and Requests for Information (RFIs)
   b. Submittals shall be original documents. Shop drawings shall not be a duplication, in any way of the contract documents. This includes, but is not limited to, photocopies, electronic drawing copying or electronic scanning. Any submitted shop drawing that is not original will be rejected and returned without review.
   c. Prior to submission of the submittals to the Architect, the Contractor shall review the shop drawings for conformance to the means, methods, techniques, sequences and operations of construction. The Contractor's review stamp shall be affixed to all shop drawings prior to Architect or Structural Engineer review. Shop drawings not bearing the Contractor's review stamp will be returned without review.
   d. Design Calculations - All calculations shall be signed and sealed by a professional engineer licensed in the State of the project. Provide the following design calculations for review:
      1. Structural Steel connections
      2. Cold formed steel framing - exterior wall and load bearing
      3. Structural and Architectural Pre-Cast Concrete.
   e. Submittals - Provide the following submittals for review:
      1. Concrete Mix Design and Materials
      2. Concrete Reinforcing
      3. Embedded items (plates, angles, etc.)
      4. Structural Pre-Cast Concrete
      5. Masonry Products and Materials
      6. Masonry Reinforcing
      7. Structural Steel
      8. Miscellaneous Steel including lintels, stairs, etc.
      9. Open Web Steel Joist
      10. Metal Deck
   f. Substitutions are allowed prior to bid only. Reference the specifications for timing of submission

G. Special Inspections (based on 2012 IBC, Chapter 1704)

1. Special Inspection reports shall be submitted to the Building Official, Owner, Architect, Engineer, Contractor, Sub-Contractor and any other pertinent entity in a timely manner.

2. All discrepancies found by the special inspector shall immediately be brought to the attention of the general contractor and corrected. If the contractor is unable to correct the discrepancy, the special inspector shall notify the Architect and Engineer.

3. Upon completion of the project, the special inspector shall submit a final report delineating that the work was, to the best of the inspector's knowledge, completed in conformance with the approved contract documents and applicable building code.

4. The Owner shall retain special inspection services for the items listed below. The Contractor shall provide light gerneral labor as required to assist with special inspections.

5. Foundations
   a. Bearing capacity
   b. Bearing elevation

6. Concrete
   a. Reinforcing steel placement
   b. Embedded items in concrete
   c. Concrete placement technique
   d. Sampling of fresh concrete

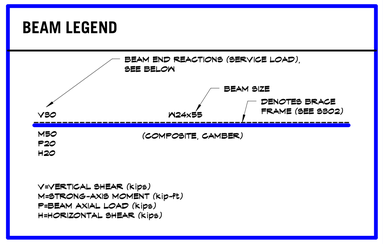
7. Pre-Cast Concrete and Tilt-up Concrete
   a. Pre-Cast and Tilt-up connections

8. Masonry
   a. Reinforcing steel placement
   b. Sampling of fresh grout and mortar
   c. Grout placement technique
   d. Level 1 special inspection required

9. Steel (includes structural steel, joist, deck and anchor rod placement)
   a. Periodic
      1. Single-pass fillet welds not exceeding 5/16 inch in size.
      2. Floor and roof deck attachment
      3. Headed stud anchors
      4. Welding of stairs and railing systems
      5. High strength bolts
   b. Continuous
      1. Partial and full penetration welds.
      2. All other welding not covered in periodic inspections.

10. Post Installed Anchors

BEAM LEGEND



SCHEDULE NOTES

BASE PLATE DETAILS PER E1B/S500

ANCHOR ROD DETAILS PER A1B/S500

ABBREVIATIONS

A	
AFF	above Finish Floor
ADDL	additional
ALT	alternate
ARCH	architect
AR	anchor rod
B	
BLDG	building
BM	beam
BOT	bottom
BRG	bearing
BTWN	between
C	
C	compression
CANT	cantilever
CL	center line
CLR	clear
CIP	cast in place
CJ	control joint
CJP	complete joint penetration
COL	column
CMU	concrete masonry unit
CONC	concrete
CONN	connection
CONST JT	construction joint
CONT	continuous
D	
D	dead load
db	bar diameter
DBA	deformed bar anchor
DTL	detail
DIA	diameter
DIM	dimension
DL	dead load
DN	down
DWG	drawing
DWL	dowel
E	
E	seismic load
E	modulus of elasticity
EA	each
EF	each face
EXP JT	expansion joint
ELEV	elevation
ENGR	engineer
EQ	equal
EW	each way
EXIST	existing
EXT	exterior
F	
FB	field bend
FD	floor drain
FF	finish floor
FIN	finish
FND	foundation
FLR	floor
FTG	footing
FB	far side
FV	field verify
G	
GA	gauge
GB	grade beam
GALV	galvanized
H	
HORZ	horizontal
HSA	headed stud anchor
HSS	hollow structural section
HT	height
I	
IF	inside face
INT	interior
J	
JBT	joist
JT	joint
K	
K	kip (1000 lbs)
KSF	kips per square foot
KSI	kips per square inch
L	
L	angle
L	live load
LBS	pounds
ld	development length
LL	double angle
LLBB	long leg back to back
LLH	long leg horizontal
LLV	long leg vertical
LWT	light weight
M	
MAX	maximum
MECH	mechanical
MEP	mechanical/electrical/plumbing
MEZZ	mezzanine
MFR	manufacturer
MIN	minimum
MIR	mirror
MISC	miscellaneous
N	
NC	not in contract
NS	near side
NTS	not to scale
NWT	normal weight
O	
OF	outside face
OC	on center
OPNG	opening
OPP	opposite
P	
PAF	powder actuated fastener
PC	precast
PCF	pounds per cubic foot
PEN	penetration
PL	plate
PLF	pounds per linear foot
PSF	pounds per square foot
PSI	pounds per square inch
PT	point
R	
R	radius
RE	reference
REINF	reinforcement or reinforcing
REQD	required
REV	revision
RTU	roof top unit
S	
S	snow load
SC	slip critical
SCHED	schedule
SECT	section
SHT	sheet
SIM	similar
SPA	spacing
SPEC	specification
SQ	square
STD	standard
STIF	stiffener
STL	steel
SYM	symmetrical
T	
t	thickness
T	tension
THRD	threaded rod
TO	top of
TOC	top of concrete
TOM	top of masonry
TOS	top of steel
TOW	top of wall
TYP	typical
U	
UNO	unless noted otherwise
V	
VAR	varies
VERT	vertical
W	
W	with
WL	wind load
WP	work point
WT	weight
WWR	welded wire reinforcing
Y	
YD	cubic yard

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BID DOCUMENTS

Ozark Junior High Addition & Renovations

Ozark R-VI School District

1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI
JOHN E. FUNK
NUMBER E-2000173299
PROFESSIONAL ENGINEER
11/11/15

John E. Funk
E-2000173299

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GENERAL NOTES

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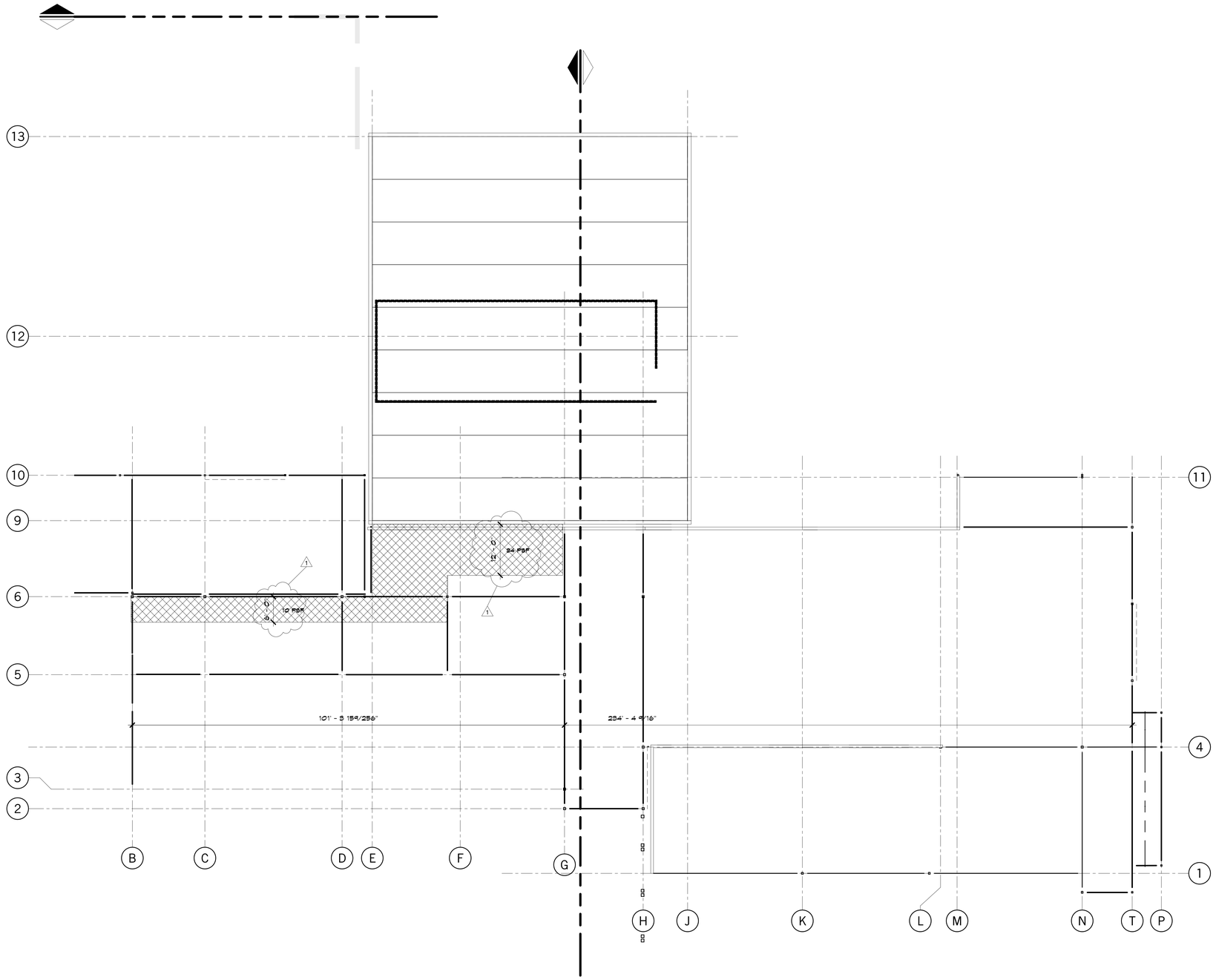

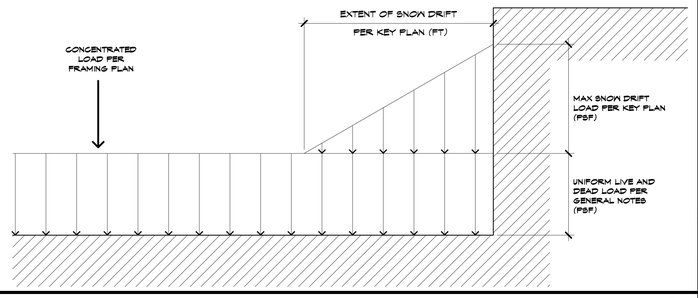

SNOW DRIFT PLAN NOTES

(A) JOIST HAVE BEEN SELECTED BASED ON THE UNIFORM LIVE AND DEAD LOAD NOTED IN THE GENERAL NOTES. ALL ADDITIONAL LOADS (SNOW DRIFT, OPERABLE WALL, BASKETBALL GOALS, ETC.) ARE TO BE ADDED TO BASE LOAD DESIGN

A1 Scale 3/32" = 1'-0" — Snow Drift Plan

NORTH

SHEET KEYNOTE LEGEND

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1109 West Jackson
PO Box 166
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11/11/15

John E. Funk
E-2000173299

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SNOW DRIFT PLAN

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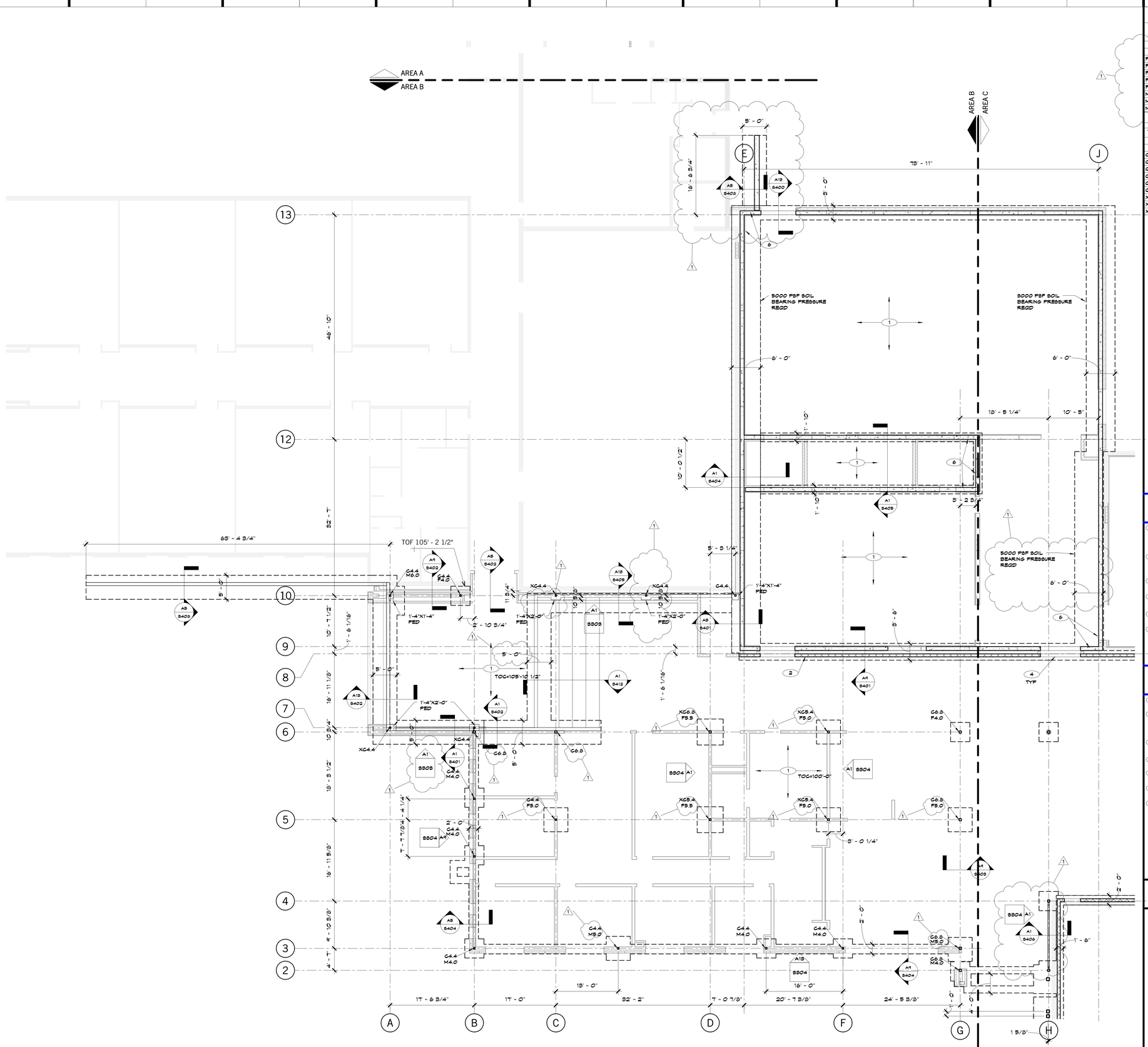


Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EA
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EA
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EA
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-8"	4-#5	TOP & BOT EA
M5.0	5'-0 x 5'-0 x 2'-8"	5-#6	TOP & BOT EA
M6.0	6'-0 x 6'-0 x 2'-8"	6-#6	TOP & BOT EA

Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	B/4X10X10
C5.4	HSS5x5x1/4	AR-1	B/4X11X11
C6.4	HSS6x6x1/4	AR-1	B/4X12X12
C6.6	HSS6x6x5/8	AR-2	1 1/4X15X15
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C8.10	HSS8x8x5/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1x10x19
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
3. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S800
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

A. TOP OF FOOTING ELEVATION = 98'-4" UNO

B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL J6/S800 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S800

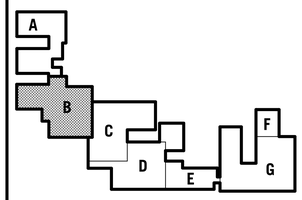
D. GRIDS INDICATE INSIDE FACE OF CMU WALL

E. ALL GRADE BEAMS ARE CENTERED ON INTERIOR CMU WALLS UNO

F. REFERENCE ARCHITECTURAL FOR EXTENT AND ELEVATION OF BRICK LEDGER

G. SLOPE SLAB TO FLOOR DRAIN. LOCATE PER PLUMBING

KEY PLAN



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S102

OF

AREA B FOUNDATION PLAN

A1 | Scale 1/8" = 1'-0" | Foundation Plan - Area B

NORTH

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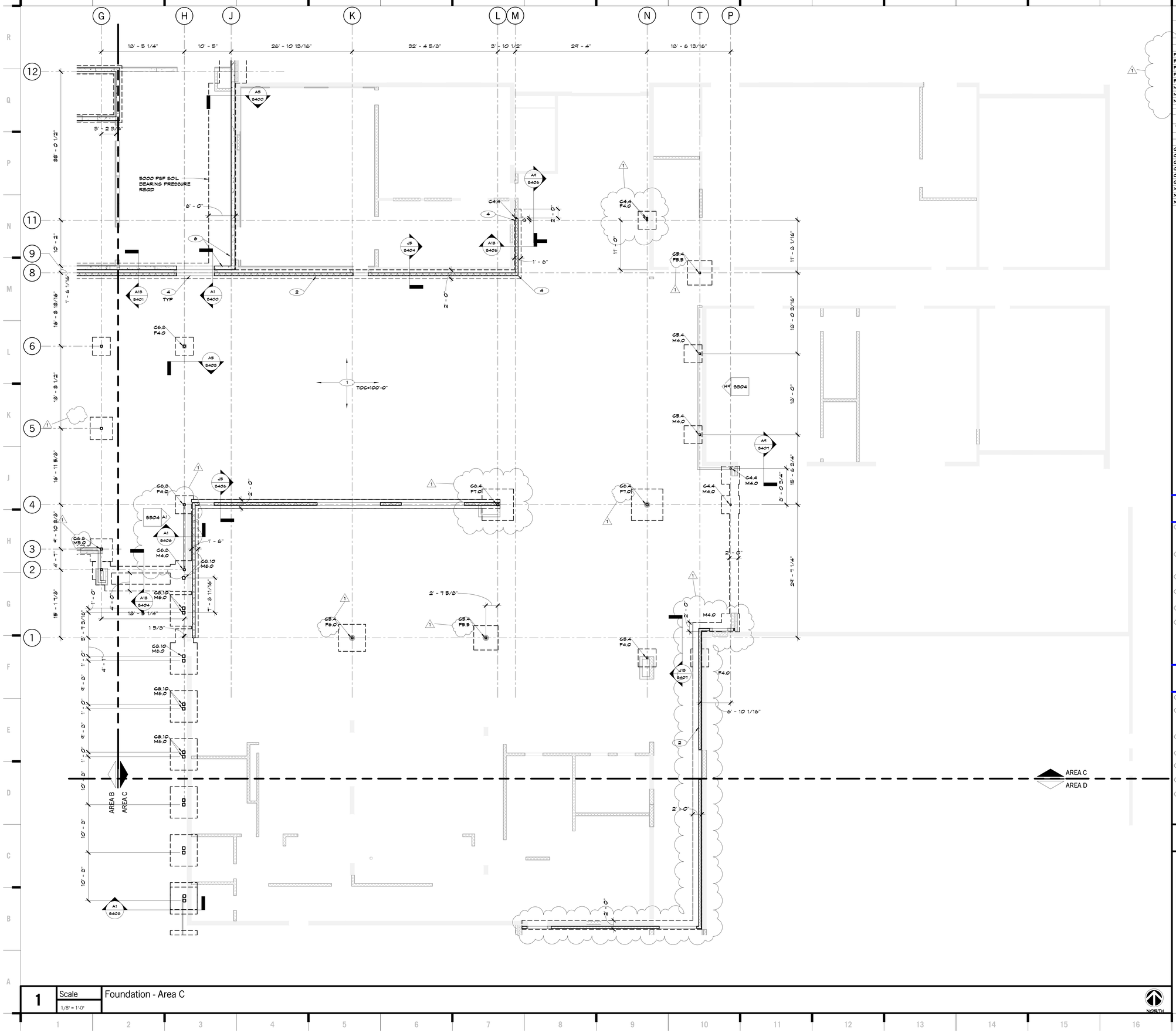

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F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EW
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-8"	4-#5	TOP & BOT EW
M5.0	5'-0 x 5'-0 x 2'-8"	5-#6	TOP & BOT EW
M6.0	6'-0 x 6'-0 x 2'-8"	6-#6	TOP & BOT EW

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C6.6	HSS6x6x5/8	AR-2	1 1/4X18X18
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C8.10	HSS8x8x5/8	AR-2	1 1/2X18X27
XC4.4	HSS4x4x1/4	AR-1	1x10x14
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

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5. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S500
6. 10" THICK PRE-CAST PANEL

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C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S500

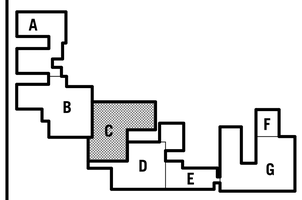
D. GRIDS INDICATE INSIDE FACE OF CMU WALL

E. ALL GRADE BEAMS ARE CENTERED ON INTERIOR CMU WALLS UNO

F. REFERENCE ARCHITECTURAL FOR EXTENT AND ELEVATION OF BRICK LEDGER

G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

KEY PLAN



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Ozark Junior High Addition & Renovations
Ozark R-VI School District
1109 West Jackson
PO Box 166
Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI
JOHN E. FUNK
NUMBER E-2000173299
REGISTERED PROFESSIONAL ENGINEER
11/11/15

John E. Funk
E-2000173299

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JOB NO: 15029
DRAWN BY: SAH
CHECKED BY: DBH
DATE: 11.11.2015

S103

OF

AREA C FOUNDATION PLAN

1 Foundation - Area C
Scale 1/8" = 1'-0"

11/25/2015 8:33:29 AM

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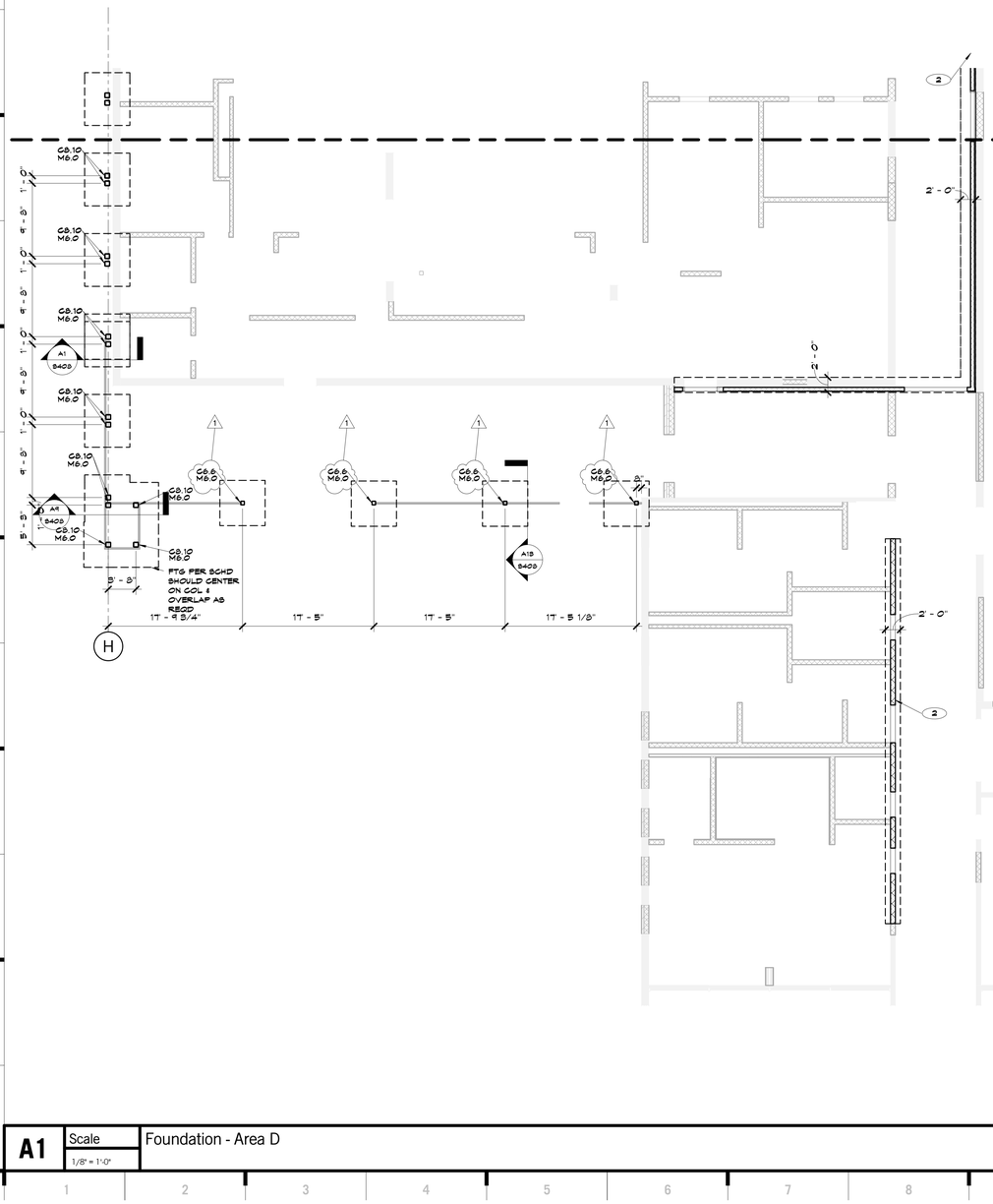
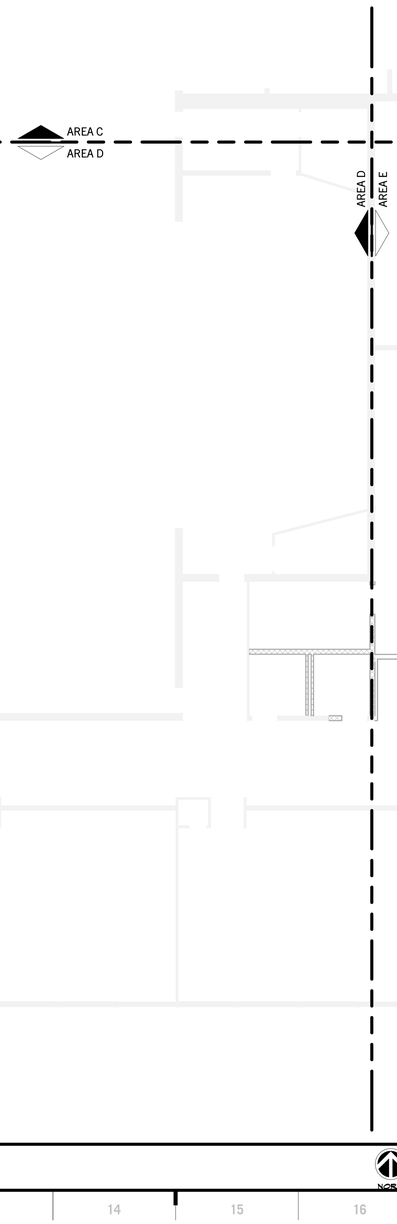




Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EW
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EW
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EW
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-0"	4-#5	TOP & BOT EW
M5.0	5'-0 x 5'-0 x 2'-0"	5-#6	TOP & BOT EW
M6.0	6'-0 x 6'-0 x 2'-0"	6-#6	TOP & BOT EW

Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	8/4X10X10
C5.4	HSS5x5x1/4	AR-1	8/4X11X11
C6.4	HSS6x6x1/4	AR-1	8/4X12X12
C6.6	HSS6x6x8/8	AR-2	1 1/4X15X15
C6.8	HSS6x6x1/2	AR-1	8/4X12X12
C8.10	HSS8x8x8/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1X10X18
XC5.4	HSS5x5x1/4	AR-1	8/4X11X11
XC6.8	HSS6x6x1/2	AR-1	8/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
3. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S500
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

A. TOP OF FOOTING ELEVATION = 99'-4" UNO

B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL /4/S500 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S500

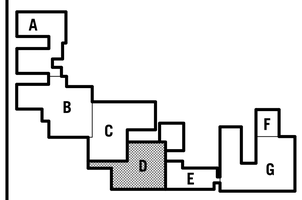
D. GRIDS INDICATE INSIDE FACE OF CMU WALL

E. ALL GRADE BEAMS ARE CENTERED ON INTERIOR CMU WALLS UNO

F. REFERENCE ARCHITECTURAL FOR EXTENT AND ELEVATION OF BRICK LEDGER

G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

KEY PLAN



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JOB NO: 15029
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CHECKED BY: Checker
DATE: 11.11.2015

S104

OF

AREA D FOUNDATION PLAN

A1 | Scale 1/8" = 1'-0" | Foundation - Area D

NORTH

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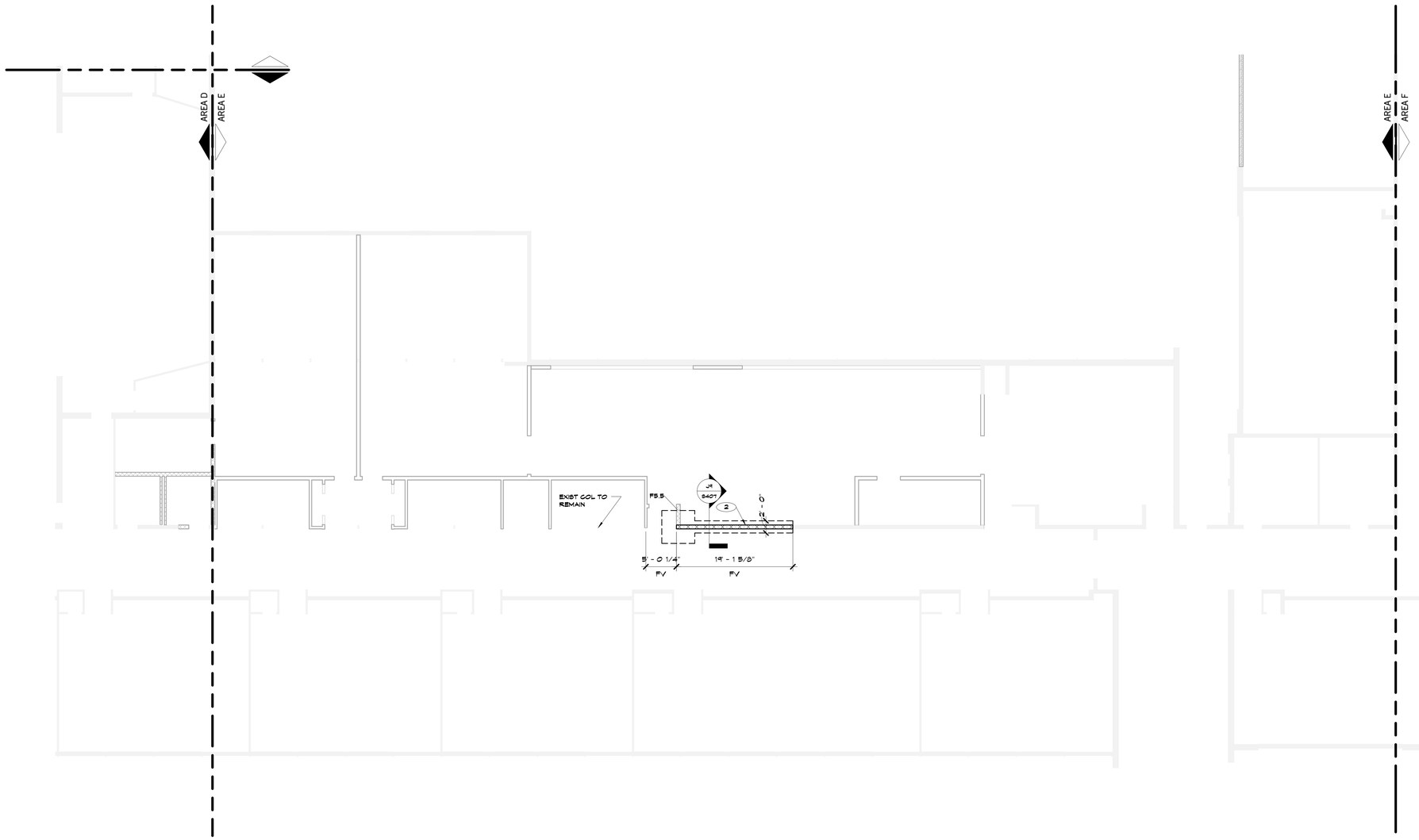


Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EA
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EA
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EA
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-0"	4-#5	TOP & BOT EA
M5.0	5'-0 x 5'-0 x 2'-0"	5-#6	TOP & BOT EA
M6.0	6'-0 x 6'-0 x 2'-0"	6-#6	TOP & BOT EA

Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	B/4X10X10
C5.4	HSS5x5x1/4	AR-1	B/4X11X11
C6.4	HSS6x6x1/4	AR-1	B/4X12X12
C6.6	HSS6x6x5/8	AR-2	1 1/4X15X15
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C8.10	HSS8x8x5/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1x10x19
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
3. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S500
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

A. TOP OF FOOTING ELEVATION = 99'-4" UNO

B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL JR/S500 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S500

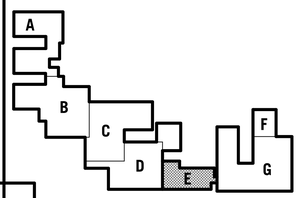
D. GRIDS INDICATE INSIDE FACE OF CMU WALL

E. ALL GRADE BEAMS ARE CENTERED ON INTERIOR CMU WALLS UNO

F. REFERENCE ARCHITECTURAL FOR EXTENT AND ELEVATION OF BRICK LEDGER

G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

KEY PLAN



A1 | Scale 1/8" = 1'-0" | Foundation - Area E

NORTH

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Ozark, MO 65721

REVISIONS:

#	Description	Date
1	Addendum #1	11.24.2015

STATE OF MISSOURI
JOHN E. FUNK
NUMBER E-2000173299
REGISTERED PROFESSIONAL ENGINEER
11/11/15

John E. Funk
E-2000173299

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S105

OF

AREA E FOUNDATION PLAN

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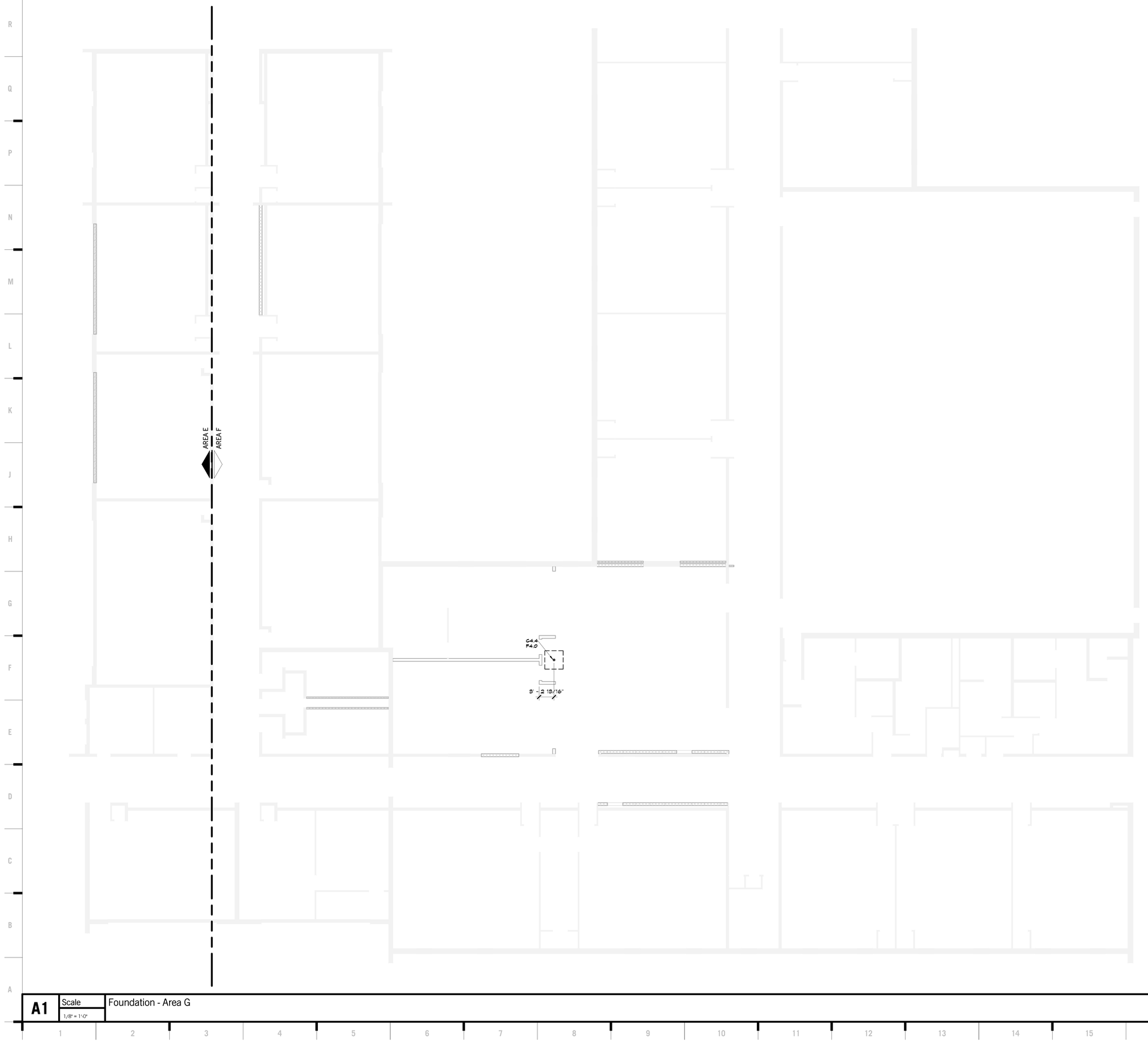


Structural Foundation Schedule

Type	Size	Reinforcement Size	Reinforcement Placement
F4.0	4'-0 x 4'-0 x 1'-6"	4-#5	BOT EW
F5.0	5'-0 x 5'-0 x 1'-6"	5-#6	BOT EW
F5.5	5'-6 x 5'-6 x 1'-6"	5-#6	BOT EW
F6.0	6'-0 x 6'-0 x 1'-6"	6-#6	TOP & BOT
F7.0	7'-0 x 7'-0 x 1'-6"	7-#6	TOP & BOT
M4.0	4'-0 x 4'-0 x2'-8"	4-#5	TOP & BOT EW
M5.0	5'-0 x 5'-0 x 2'-8"	5-#6	TOP & BOT EW
M6.0	6'-0 x 6'-0 x 2'-8"	6-#6	TOP & BOT EW

Structural Column Schedule

Type	Size	Anchor Rods	Base Plate
G4.4	HSS4x4x1/4	AR-1	B/4X10X10
G5.4	HSS5x5x1/4	AR-1	B/4X11X11
G6.4	HSS6x6x1/4	AR-1	B/4X12X12
G6.6	HSS6x6x3/8	AR-2	1 1/4X15X15
G6.8	HSS6x6x1/2	AR-1	B/4X12X12
G8.10	HSS8x8x5/8	AR-2	1 1/2X18X21
XG4.4	HSS4x4x1/4	AR-1	1x10x14
XG5.4	HSS5x5x1/4	AR-1	B/4X11X11
XG6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

1. 4" CONCRETE SLAB ON GRADE WITH 10 MIL VAPOR RETARDER AND 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICATION. REINFORCE PER TYPICAL DETAILS. TOP OF CONCRETE ELEVATION =100'-0" UNO
2. 8" CMU WALL. REINFORCE WITH 1 #5 VERTICAL AT 24" ON CENTER IN FULLY GROUTED CELLS @ EXTERIOR WALLS & 1 #4 @ 48" OC @ INTERIOR WALLS
3. NOT USED
4. GROUT SOLID AND REINFORCE THREE CELLS FULL HEIGHT @ BEAM BEARING
5. GRADE BEAM FOOTING STEP PER N9/S800
6. 10" THICK PRE-CAST PANEL

FOUNDATION NOTES

A. TOP OF FOOTING ELEVATION = 99'-4" UNO

B. INTERIOR NON LOAD BEARING CMU NOT SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS. PROVIDE TYPICAL THICKENED SLAB DETAIL 1/S800 AT ALL NON LOAD BEARING CMU WALL LOCATIONS.

C. PROVIDE SLAB BLOCK OUT AT CONTRACTORS OPTION PER A1/S800

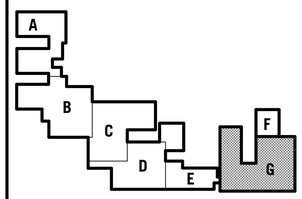
D. GRIDS INDICATE INSIDE FACE OF CMU WALL

E. ALL GRADE BEAMS ARE CENTERED ON INTERIOR CMU WALLS UNO

F. REFERENCE ARCHITECTURAL FOR EXTENT AND ELEVATION OF BRICK LEDGER

G. SLOPE SLAB TO FLOOR DRAIN, LOCATE PER PLUMBING

KEY PLAN



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Structure # 2006031333

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JOHN E. FUNK
NUMBER
E-2000173299
PROFESSIONAL ENGINEER

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DATE: 11.11.2015

S106

_____ OF _____

AREA G FOUNDATION PLAN

A1 | Scale 1/8" = 1'-0" | Foundation - Area G

NORTH

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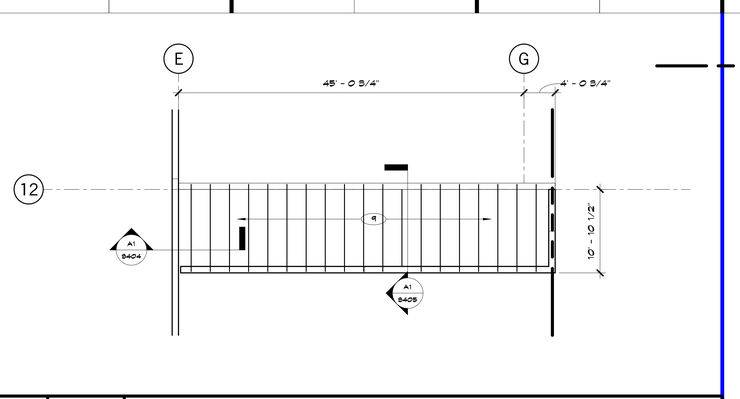
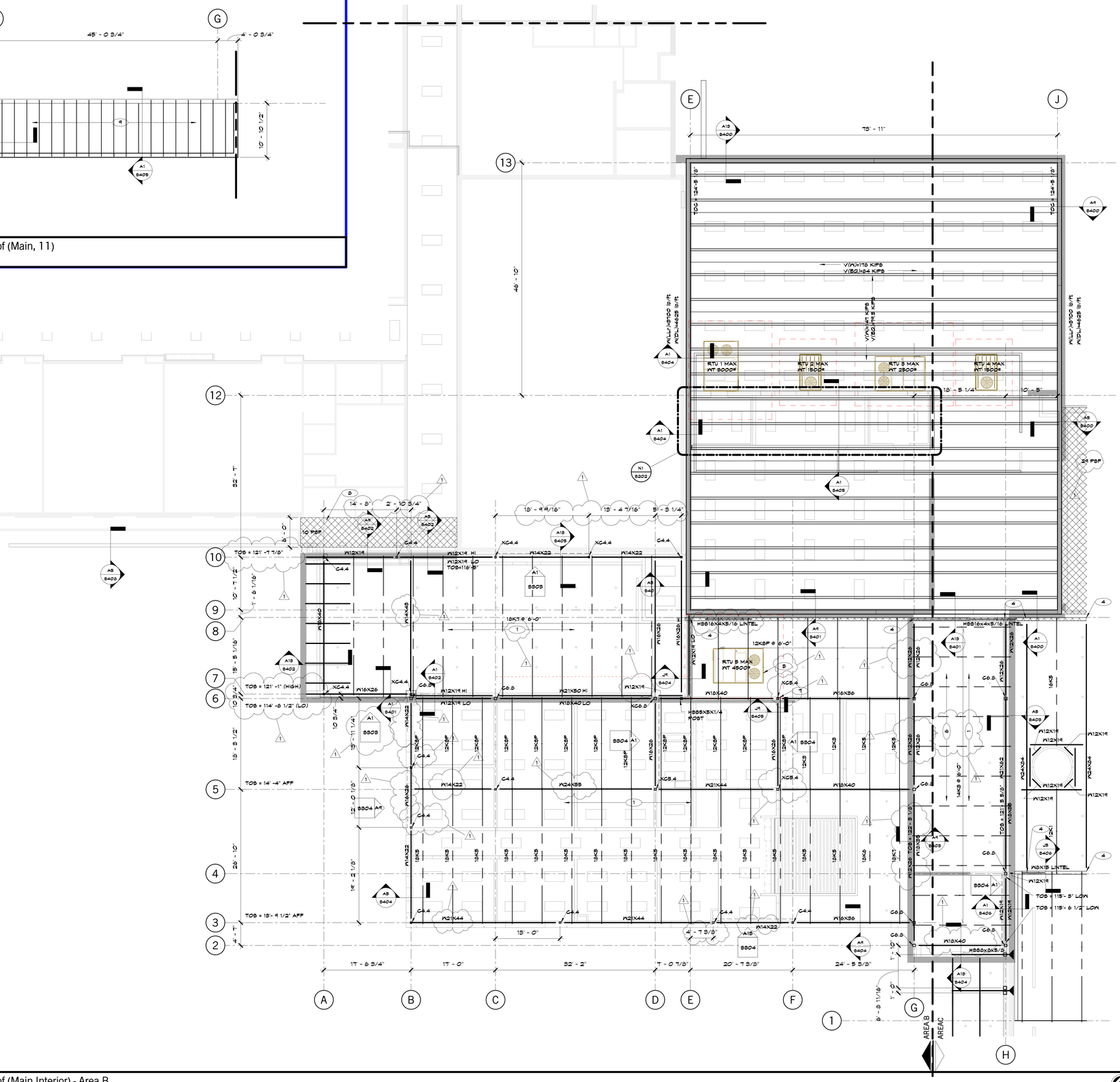
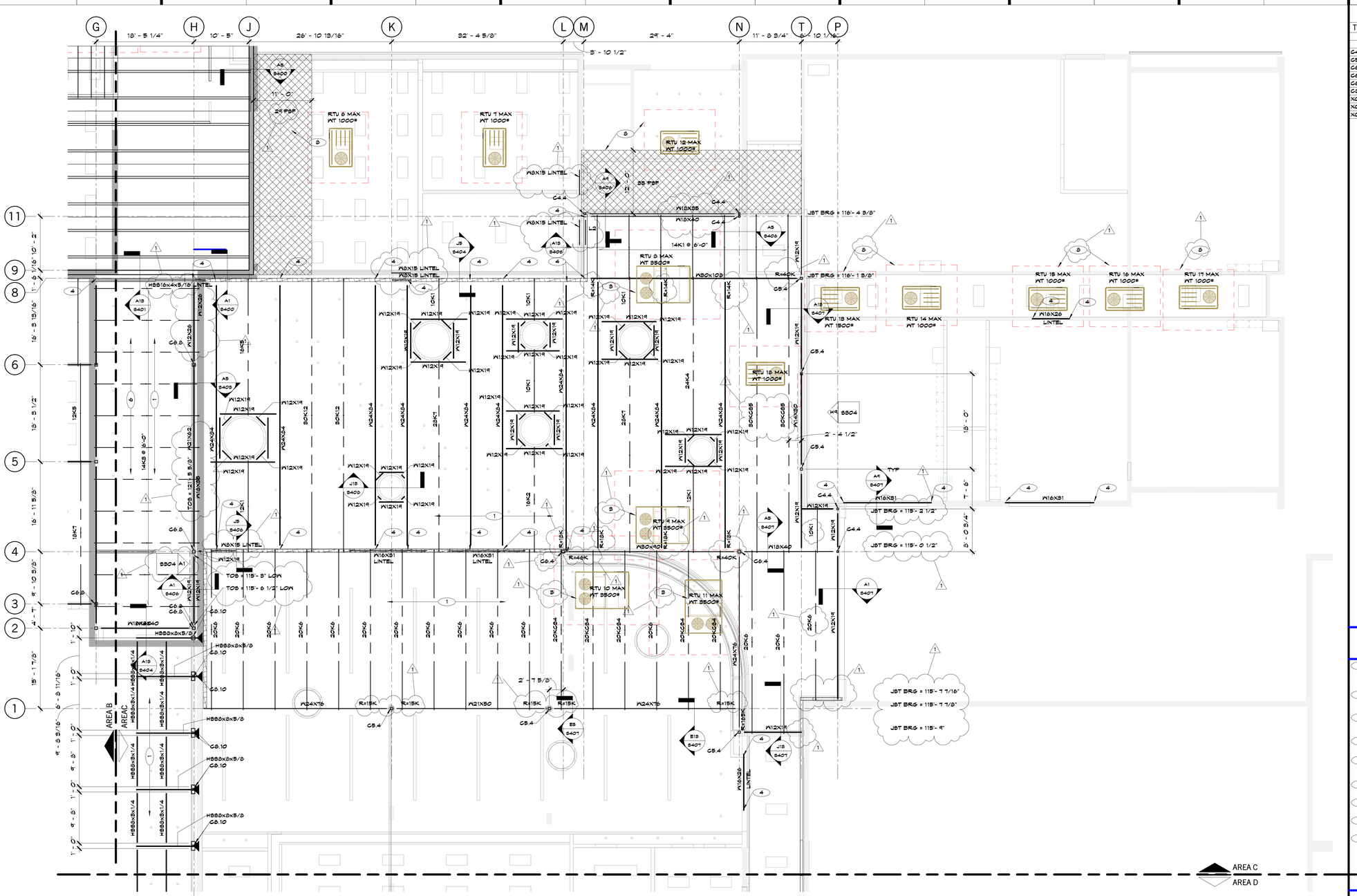


N1 | Scale 1/8" = 1'-0" | B.O. Roof (Main, 11)





Structural Column Schedule			
Type	Size	Anchor Rods	Base Plate
C4.4	HSS4x4x1/4	AR-1	B/4X12X10
C5.4	HSS5x5x1/4	AR-1	B/4X11X11
C6.4	HSS6x6x1/4	AR-1	B/4X12X12
C6.6	HSS6x6x5/8	AR-2	1 1/4X18X18
C6.8	HSS6x6x1/2	AR-1	B/4X12X12
C6.10	HSS8x8x5/8	AR-2	1 1/2X15X27
XC4.4	HSS4x4x1/4	AR-1	1x10x19
XC5.4	HSS5x5x1/4	AR-1	B/4X11X11
XC6.8	HSS6x6x1/2	AR-1	B/4X12X12

PLAN REFERENCE NOTES

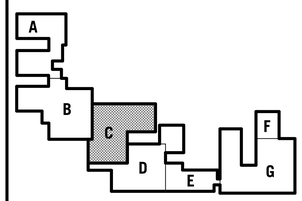
1. 1 1/2" DEEP X 22 GAGE WIDE RIB PAINTED METAL ROOF DECK. ATTACH TO SUPPORTING STEEL STRUCTURE TO TRANSFER DOOPF MINIMUM HORIZONTAL DIAPHRAGM SHEAR
2. 8" CMU WALL REINFORCE WITH (1) #5 VERTICAL AT 48" ON CENTER IN FULLY GROUTED CELLS
3. PROVIDE INTERMEDIATE FRAMING UNDER RTU AND ROOF OPENING PER DETAIL N1/S801 AND J1/S801. VERIFY LOCATION WITH MECHANICAL CONTRACTOR.
4. PROVIDE 8/8"X7"X0'-7" WITH (2) 8/8"6X6" HSA AT ALL BEAM BEARING LOCATIONS
5. OPERABLE DOOR BELOW. JOIST MANUFACTURER PROVIDE AN ADDITIONAL LOAD AT OPERABLE DOOR SUPPORT.
6. PROVIDE TOP CHORD JOIST EXTENSION TYPE R.
7. CONTINUE COLUMN UP TO FRAME OUT ROOF SCREEN
8. REINFORCE EXISTING JOIST IN HATCHED REGION AND/OR UNDER NEW RTU PER TYP DETAIL
9. 1" DEEP X 22 GAGE CONFORM METAL ROOF DECK WITH 3" CONCRETE REINFORCMENT WITH 6X6-W2.1XW2.1 WIRE MESH TOTAL THICKNESS 4" TOC=110'-0"

PLAN NOTES

A. BEAMS AND JOIST SHALL BE SPACED AT 5'-0" OC MAX

B. ALL LINTELS NOTED ON PLANS PER S802

KEY PLAN



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BID DOCUMENTS

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CHECKED BY: DBH
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S203

OF

AREA C FRAMING PLAN

A1 | Scale 1/8" = 1'-0" | B.O. Roof (Main Interior) - Area C

NORTH

11/25/2015 8:33:32 AM

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