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ADDENDUM NO. 5

Issued: December 11, 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 3 pages and the following attachments:

Supplemental Information:
- MEP Addendum #5 ..... 1 pages
- Bidders Questions and Answers ..... 4 pages
- Substitution Request Forms ..... 2 pages
- Door Hardware Set Revisions ..... 2 pages

Project Manual:
- 000110 Table of Contents ..... 6 pages
- 012100 Allowances ..... 2 pages

Supplemental Drawings:
- ASD-02R, ASD-12, SSD-1, ESD-1, ESD-2, ESD-3, ESD-4, ESD-5, ESD-6, ESD-7 ..... 10 pages

Drawings:
- Reissued Sheet D103 – Demolition Floor Plan – Area C ..... 1 sheet
- Site Survey – For Reference Only ..... 2 sheet

GENERAL CLARIFICATIONS

G1 VERTICAL PLATFORM LIFT & ADDITIONAL MASONRY WALLS AT LIFT B120

G1.1 Provide VPC-SL platform lift with door by manufacturer.

G1.2 Shift platform South to Gridline "8"; provide clearances as required by manuf.

G1.3 Increase upper platform width to meet clearance requirements of platform manuf up to 8'-0" -

G1.4 Provide wall type 3a with double bullnose top course at top of landing and east of platform lift for the full length of the room (North & South) to 42" above the top landing. Dowel knee wall at top of landing into concrete slab with #4 at each cell and Hilti HY200 epoxy, embed 4" minimum.

G1.5 Provide 36"w x 42" high gate at top of landing in knee wall.

G2 MOTORIZED SHADES & HEADBOXES

G2.1 **Revise** head box mounting to recessed at Windows Type 9 & 10.

G2.2 **Delete** Specification Section 12 24 13, 2.3, 3 items C & D

G3 CONCEALED METAL PANELS

G3.1 All keynotes referring to 074213.A03 shall reference Type 2 as noted in Paragraph 2.2.C in Section 074213 "Metal Wall Panel."

G4 DOOR SCHEDULE – OPERABLE GLASS PANEL PARTITION

G4.1 Door Type P (Operable Glass Panel): REVISE keynote notation from "084113.A13" to read "102239.A01"

G5 EXTERIOR CANOPY COLUMNS

G5.1 Exterior Canopy Columns are to be painted per Section 099600 "High Performance Coatings". Color shall be as selected by Architect from manufacturer's full range of options.

G6 BURNISHED BLOCK

G6.1 Burnished block as noted in Alternate 4, shall be a large face format structural masonry block with a depth of 8 inches maximum. Face dimension of block are desired to be largest dimensions available by manufacturer for structural conditions.

G7 CEILING HEIGHT – STORAGE VESTIBULE B122

G7.1 Revise ceiling height to 12'-0" AFF.

G8 HAZARDOUS MATERIALS ASSESSMENT

G8.1 As noted in Section 24119, Paragraph 1.8.D, a Hazardous Materials Assessment was performed for Ozark Junior High School and is available for review at the District Offices. Contact Robert Hood at the District offices to schedule a review.

PROJECT MANUAL REVISIONS

A1 SECTION 000110 – TABLE OF CONTENTS

A1.1 REPLACE existing Section 000110 "Table of Contents" with the attached revised Section 000110 dated December 11, 2015.

A2 SECTION 012100 - ALLOWANCES

A2.1 INSERT NEW Section 012100 "Allowances" dated December 11, 2015, attached.

A3 SECTION 074213 – METAL WALL PANELS

A3.1 DELETE Paragraph 2.2.B in Section 074213 "Metal Wall Panels."

A3.2 INSERT new Paragraph 2.2.E into Section 074213 "Metal Wall Panels" as follows:

E. Exposed-Fastener Metal Wall Panels (074213.A01): Formed with perforated panels with lapped joints between panels.
   1. Basis-of-Design Product: Subject to compliance with requirements, provide Centria; "EcoScreen Perforated Screenwall – MR3-36", or comparable product by one of the following:
      a. Atas.
      b. Fabral.
      c. Morin (Kinspan).
      d. Comparable products from other manufacturers will be considered that match specified colors and product characteristics and that are submitted to and accepted by Architect.
   2. Material: Clear anodized aluminum or stainless steel at Contractor's option, .040 inches thick.
   4. Panel Coverage: 36 inc*hes.*
   5. Panel Height: 3 inch.
   6. Perforation Pattern: 10% Free Area with 1/8 inch diameter holes spaced 3/8 inch apart in a reverse pattern.

A4 SECTION 087100 – DOOR HARDWARE

A4.1 REVISE Hardware Sets 29.0, 29.1, and 30.0 in Section 087100 "Door Hardware" as follows amended in attached Door Hardware Revision Sheet.

DRAWINGS REVISIONS

A5 SHEET AS102 – ARCHITECTURAL SITE DETAILS

A5.1 REVISE portion of F1/ AS102 per ASD12 attached, dated ASD-12.

A6 SHEET D103 – DEMOLITION FLOOR PLAN – AREA C

A6.1 DELETE previously issued sheet D103 – Demolition Floor Plan – Area C and REPLACE with reissued sheet D103 – Demolition Floor Plan – Area C, attached. "Clarify the extent of the partial building demolition".

A7 SHEET A104 – FLOOR PLAN D

A7.1 DELETE ASD-02 issued in Addendum N0. 4 and REPLACE with attached reissued ASD-02R, dated 12/9/15

A8 SHEET S302 – MASONRY SECTIONS

A8.1 REVISE detail J2/S302 per SSD-1 attached, dated 12/11/15

A9 REFER TO MEP ADDENDUM #5 FOR ADDITIONAL SHEET REVISIONS

SUBSTITUTION REQUEST APPROVALS

This portion of the addendum designates those materials, products and equipment approved prior to submission of bids, as set forth in the contract documents. Items added to the proposed contract documents by this addendum are the only proposed substitutions received and approved by the architect in accordance with those provisions. No other items shall be substituted or bid as "equals".

It is understood that all items allowed by this addendum are subject to the full provisions of the original proposed contract documents and all modifications thereto and, as such, shall match standards of the original specified items with respect to materials, workmanship, design, size, capacity, type, function, finish, performance, quality, warranty, etc. Nothing in this addendum shall be construed as altering those original standards or modifications thereto.

Approvals are based upon the opinion, knowledge, information and belief of the architect at time of issuance of this addendum and reliance upon data submitted. Approvals are therefore interim in nature and subject to reconsideration as additional data, materials, workmanship and coordination with other work are observed and reviewed. In proposing items allowed by this addendum, bidder assumes all risk, costs and responsibility for item's final acceptance, integration into the work and performance.

SECTION 055813 – COLUMN COVERS

Fry Reglet; Series E is an acceptable substitution for products specified under Section 055813, Paragraph 2.1.A.

SECTION 103200 – MANUFACTURED WOOD CASEWORK

Melhart Music; Music Storage Cabinets is an acceptable fabricator for products specified under Section 103200, Paragraph 2.11.A.2 and 2.11.A.3.

END OF ADDENDUM NO. 5

smith&boucher ENGINEERS

25501 west valley
parkway
suite 200
olathe, ks 66061
p.913.345.2127
f.913.345.0617

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 #5" dated 12-11-2015 as issued by the Architect.

DRAWINGS: ME301 – SCHEDULES MECHANICAL AND ELECTRICAL

A. Refer to Domestic Water Heater – Electric
   i. DWH-1, 2 & 3 shall be model EX4208 thermostatic type.

2. ME302 – SCHEDULES MECHANICAL AND ELECTRICAL
   A. Refer to Plumbing Fixture Schedule:
      i. L-2 shall be Kohler K-2084. Faucet shall be Kohler 15593. Provide with grid strainer and accessories as noted.
      ii. S-1 shall be 22"x19" with 6" ADA depth.
      iii. S-2 shall be 22x19" with 6" ADA depth. Disposer shall be Insinkerator Evolution.
      iv. S-4 depth shall be 6" ADA. Disposer shall be Insinkerator Evolution.
3. ME303 – SCHEDULES MECHANICAL AND ELECTRICAL
   A. Refer to Grille, Register, and Diffuser Schedule
      i. Note 2 shall read 'PROVIDE POWER WIRING AND CONTROL ACCESSORIES AS REQUIRED.'
4. M102 – FLOOR PLAN (MAIN LEVEL) – AREA B – HVAC
   A. See attached full size sheet that was referenced in Addendum #1. This sheet has been included in this Addendum as the sheet was not made available for Addendum #1.
5. M104 – FLOOR PLAN (MAIN LEVEL) – AREA D – HVAC
   A. RE: D104C – SD-5 shall be ceiling mounted.
   B. RE: D104D – SD-5 shall be ceiling mounted.
   C. RE:D104D – Provide 20"x20" RG-1 in ceiling, northeast corner.
6. E103 – FLOOR PLAN (MAIN LEVEL) – AREA C – LIGHTING
   A. Revised lighting in Art Rooms, Robotics, Computer Lab, and Kitchen. See sketches.
   B. Revised circuiting per new loads. See sketches.

7. E205 – FLOOR PLAN (MAIN LEVEL) – AREA E&F – POWER
   A. Furnish and install (1) switched receptacle underneath each sink located in the FACS room. Each receptacle shall be on a dedicated circuit, circuited to a 20A-1P breaker in panel 'FACS'. Total of (8) each circuits, receptacles, and switches. Coordinate exact switch location with owner prior to rough-in.

8. E402 – SCHEDULES AND DETAILS- ELECTRICAL
   A. Added light fixture equals. See sketches.

END OF MEP ITEMS FOR "ADDENDUM #5"

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December 11, 2015

Ozark R-VI Junior High Addition & Renovation
Bidder's Questions and Answers
Addendum No. 5

Bidder's Questions/Responses:

1. Email from Marcus Deem with DH Pace dated, 12/8/15:
   a. *Question:* Sheet C101 – Please provide pipe diameter for Keynote C10.
      Response: Pipe diameter to be 12"

   b. *Question:* Per 087100 2.5D-3, the locks and cylinders are to be keyed to the owners existing system. Please supply what the owners existing system is for the locks and cylinders.
      Response: Existing Russwin RU4 key system, Janitor closets and Furnace rooms are Sargent LA.
   c. *Question:* B120c does not have a hardware set assigned to it. Please assign a hardware set for this opening.
      Response: See attached revised sets.

2. Email from Mike Freitas of RE Smith Construction, dated 12/09/15
   a. *Question:* Sheet D102 on the west side of the canopy has a square box with the number 5 in it. What is this for? It is not on the demo notes.
      Response: The referenced notation should read number "2".

   b. *Question:* Sheet D103, in the X. Tech Room has a demo note 36. This note is not on the list of demo notes.
      Response: Change demolition note under the heading "Walls" to demolition notes 13 & 6. Revise demolition note directly adjacent (east) of note 36 to demolition note #7 under the heading "Walls"

   c. *Question:* Where is demo note # 11 used? It is on the note list but I could not find it on the drawings.
      Response: Delete demolition note #11 under the heading "Walls" reference note #12 for removal of existing markerboards, chalkboards, tackboard or tackwall.

   d. *Question:* Section 32 13 13 has both concrete and HDPE wheel stops listed. Which one do we use on this project?
      Response: Provide HDPE wheel stops. The only wheel stops to be provided are at handicap stalls.

HOLLISANDMILLER.COM
8205 W 108th Terrace, Overland Park, KS 66210.1661 T 913.451.8886 F 913.451.022C
220 NW Executive Way, Lee's Summit, MO 64063.1841 T 816.525.5600 F 816.525.3028

e. *Question:* This section also calls out colored concrete. Will colored concrete be required anywhere other than the HC ramps? Is it required at the zero entry curb? Are the joints at the zero entry curb tooled or saw cut?
Response: Provide colored concrete at HC Ramps. Colored concrete is not required at the zero entry curb. Provide tooled joints at the zero entry curb, and handicap sign supports.

f. *Question:* Sheet C103 has a detail of a 4" steel bollard. The bollards shown on the plans are 6" bollards. Are both 4" and 6" bollards used on this project?
Response: Provide 4" bollards throughout project, with exception of concrete bollards at zero entry curb clarified under previous Addenda.

g. *Question:* Confirm dowels spacing for the following details:
A5/S402, A5/S403, N1/S411, A9/S407, J13/S407, H12/A510
Response: Please reference Addendum No. 4.

h. *Question:* 30# felt is only shown on detail E13/S410, is the only place it is used?
Response: 30# felt is to be used when slab to slab connections are not doweled.

i. *Question:* Perimeter insulation is shown at interior footings on details A9 & A13/S401 and N13/S410, is this required for interior footings?
Response: Perimeter insulation is not required at interior footings.

3. Email from Jill Crawford of American Metalcraft, Inc, dated 12/09/15
   a. *Question:* Could you please tell me if the new addendum with have plans for the perforated panels design?
   Response: A digital file of the graphic for the custom perforated panels will be provided to the successful contractor. Please reference L1 & F1/A200, and A9 / A604 for custom perforated wall panels. Refer to Building Section E1/A211 to see full extent of custom perforated wall panels and at exterior, Main Entry B100, and Media C100.

4. Voice Mail from Bob of RE Smith Construction, dated 12/7/15
   a. *Question:* Roof blocking appears you have key notes for fire retardant treated wood blocking and nailers normally this is AC2? Please advise.
   Response: Fire retardant treated wood blocking is required inside the building envelope.

   b. *Question:* Plastic laminate clad paneling with plywood on top for wood blocking is unusual, please advise.
   Response: No plastic clad paneling is to be used for wood blocking within the building envelope.

5. Email from Jarrett Sims of Dewitt & Associates, dated 12/10/15
   a. *Question:* The masonry specifications calls for colored mortar for the units listed below. Some of these units are not used on this project. Please clarify what units will require colored mortar. Will white mortar be required?
   Response: Colored mortar will be used at modular face brick. White mortar may be required to match existing mortar color.

b. *Question:* The masonry specification makes references Utility Brick. Will Utility brick be required for this project? 042000 - 3.4,B,1.
Response: Utility Brick is not used on this project. Glazed brick is not used on this project.

c. *Question:* Where does the Brick Veneer (as shown in the detail A13/AS102) occur?
Response: Reference "Floor Plan – Area B" at the retaining wall adjacent to Flex Instruction B119, and north of Grid Line "10". Note masonry shall extend below grade to top of footing; grout full.

6. Email from Alan Tillekeratne of Queen City Roofing, dated 12/09/15
   a. *Question:* Referring to A000, Wall assembly A4 indicates panel 07 42 13.A03 Type 3. Only Type 1 and 2 are found in spec.
   Response: Delete notation for "Type 3". Please reference additional clarifications issued under Addendum #5.

7. Email from Jarrett Sims of Dewitt & Associates, dated 12/10/15
   a. *Question:* Referring to sheet A605, the Jokobe cabling system is not compatible with the Gyford barrel stand-offs. Can the cable be supplied by Gyford as well for a complete system? Please advise.
   Response: This is acceptable.

8. Email from Mark Youngers of SGH, Inc., dated 12/7/15
   a. *Question:* Clarify Wall panel items from A200 material legend:
      i. Item 7 – EcoScreen Perforated Stainless Steel Panels. Ecoscreen is a Centria product available in Concept Series, Cascade Series and exposed fastener panels. Which profile do you have in mind?
   Response: Provide MR3-36 in aluminum or stainless steel with the following perforation pattern: 10% open / free area, pattern "reverse", diameter 1/8", spacing 3/8", exposed fastener.

9. Email from Josh Stringer with Larry Snyder & Company, dated 12/7/15
   a. *Question:* Sheet C100 – Keynote 12 indicates retaining wall and fence. The detail of this retaining wall on A13/AS102 does not indicate a fence. Please advise.
   Response: Provide retaining wall & fence per keynote. Fence may be integrated into retaining wall design or set directly behind top course at contractor's option. Coordinate fence location with delegated designer.

10. Email from Josh Stringer with Larry Snyder & Company, dated 12/7/15
    a. *Question:* Please confirm that the card readers (indicated by systems integrator) is provided and installed by the Owner and not the General Contractor.
    Response: The Owner / owner's forces will provide and install the card readers.

11. Email from Rick Stingley of Cloutman & Stingley, dated 12/10/15
    a. *Question:* CURBS:
       Parag 1.1.A calls for "site erected curbs"
       Parag 2.1.B calls out Wasco model DDCCM, which agrees with the "site erected curbs" requirement.
       Both these items indicate the skylight is to mount on a separate curb.
       Parag 2.3.E, and details E1/A110 and A13/A407 indicate an integral curb, to be part of the skylight assembly.
       Please clarify whether the skylight mfr is supply an integral curb, or if the curb is to be by others.
       If an integral curb is required, the model should be changed to DDC.
       Response: Contractor to provide a site erected curb. Delete note "with integral curb" from detail A13/A407 and E1/A110.

    b. *Question:* CURB HEIGHT:
       Detail E1/A110 calls for a minimum curb height of 10". That leaves us open to any curb height greater than 10", which is hard to price accurately. We plan to limit our curb height to 12" maximum, and qualify our bid accordingly.
       Response: Contractor to provide site erected curb. Curb height shall be determined by roofing manuf. requirements and roof slope / insulation thickness.

    c. *Question:* UNIT SIZE:
       The sizes called out on A403 (RCP) are industry standard inside curb dimensions for round skylights: 57", 70", 82", and 94". Once furring/drywall or any other finish materials are added, the inside opening of the drywall shaft would be smaller than the sizes called out. Round skylights are not available in custom sizes, so we will bid standard sizes, which will result in slightly smaller inside openings than are called out on the RCP. We will qualify our bid accordingly.
       Response: Acknowledged. Contractor may bid standard sizes as identified in revisions to specification section 086200 Unit Skylights issued in Addendum No. 3.

    d. *Question:* WARRANTY:
       A 5 yr warranty is specified. We can provide a 5 year product warranty, however anodized finishes have a maximum warranty period of 1 year. We plan to qualify our bid accordingly.
       Response: Acknowledged

12. Email from Jeremy Pant of Branco, dated 12/10/15
    a. *Question:* At D104B Emotional Needs, G6 shows a 12' MB. There is no elevation for the west wall for D104A. Is there a 12' MB there as well? The floor plans don't call out a MB in either location
       Response: No. A markerboard is not called for on the West wall of D104A. Provide makerboard on East wall of D104B per Elevation G6/A607.

SUBSTITUTION REQUEST FORM

MAIL TO: Hollis + Miller Architects
220 NW Executive Way
Lee's Summit, MO. 64063

PROJECT: Ozark R-VI School District – Junior High Addition & Reno.
1109 West Jackson
Ozark, MO 65721

SPECIFIED ITEM: Firestone Building products Series 200 Aluminum Plate Column Covers 055813

PROPOSED SUBSTITUTE: Fry Reglet Column Covers - Series E column covers

SUBMITTED BY:

Firm: G. Davis & Associates

Address: 12004 Pawnee Lane, Leawood, KS 66209

Signature: _____

Date: December 5, 2015 Phone No. 913-231-8071 Fax No. _____

Attach complete description, designation, catalog or model number, Spec Data Sheet and other Technical Data and samples, including Laboratory Tests if Applicable.

Fill in blanks below:

1. Will substitution affect dimension indicated on drawings? No

2. Will substitution affect wiring, piping, ductwork, etc., indicated on drawings? No

3. What effect will substitution have on other trades? No

4. Differences between proposed substitution and specified item? None

5. Any and all impacts on costs, design modifications, additional architectural and engineering services, material and labor changes, schedule changes, and other unanticipated consequences, resulting from this substitution in lieu of the specified item, shall be the full responsibility of the contractor and his subcontractors and supplier.

6. Manufacturer's warranties of the specified items and proposed items are: [x] same [ ] different, *explain:* _____

REVIEW COMMENTS:

[ ] **No Exception taken to Submitted Manufacturer**
Manufacturer only is accepted due to time limitations for full review of product, or because no specific product data is submitted, or other unspecified reasons. Contractor must still bear full responsibility for compliance with contract requirements.

[X] **No Exception taken to Specific Products**

[ ] **Exceptions Noted**
See attached copy or notes on product literature

[ ] **Not Accepted**

[ ] **Received too Late**

By: _____ Date: 12/08/2015

Remarks: _____

Set: 29.0
Doors: B104, B120b, D101, D111

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom Lock	8204 LNP LC	US26D	SA
1	Cylinder	as Required (key to owners existing key system)		
1	Surface Closer	8501	689	NO
1	Kickplate	K1050 10" x 2" LDW 4B3 CSK	US32D	RO
1	Wall Stop	409	US32D	RO
3	Silencer	608		RO
1	Gasketing	S88D @ B120b		PE

Set: 29.1
Doors: B120c

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	US26D	MK
1	Passage Latchset	8215 LNP	US26D	SA
1	Surface Closer	8501	689	NO
1	Kickplate	K1050 10" x 2" LDW 4B3 CSK	US32D	RO
1	Wall Stop	409	US32D	RO
1	Magnetic Holder, floor mount	980 (tie into bldg fire alarm system)	689	RF
1	Gasketing	S88D		PE

Set: 30.0
Doors: D100c

3	Hinge (heavy weight)	T4A3786 5" x 4-1/2"	US26D	MK
1	Storeroom Lock	8204 LNP LC	US26D	SA
1	Cylinder	as Required (key to owners existing key system)		
1	Surface Closer	CPS8501	689	NO
1	Kickplate	K1050 10" x 2" LDW 4B3 CSK	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D		PE

DOCUMENT 000110 - TABLE OF CONTENTS

Ozark Junior High School Addition and Renovation
1109 West Jackson
Ozark, Missouri 65721

Project No. 15029

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		CURRENT ISSUE DATE	ORIGINAL ISSUE DATE
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		CURRENT ISSUE DATE	ORIGINAL ISSUE DATE
DIVISION 8 - DOORS AND WINDOWS - continued			
085113	Aluminum Windows	12.02.15	
086200	Unit Skylights	11.11.15	
087100	Door Hardware	12.03.15	
088000	Glazing	11.11.15	
088113	Decorative Glass Glazing	11.11.15	
088300	Mirrors	11.11.15	
DIVISION 9 - FINISHES			
092116	Non-Structural Metal Framing	11.11.15	
092117	Gypsum Board Shaft-Wall Assemblies	11.11.15	
092900	Gypsum Board	11.11.15	
093000	Tiling	11.11.15	
095113	Acoustical Panel Ceilings	11.11.15	
096400	Wood Flooring	11.11.15	
096513	Resilient Base and Accessories	11.11.15	
096519	Resilient Tile Flooring	11.11.15	
096723	Resinous Flooring	11.11.15	
096813	Tile Carpeting	11.11.15	
097200	Wall Coverings	11.25.15	
097723	Fabric-Wrapped Panels	11.11.15	
098433	Sound-Absorbing Wall Units	11.11.15	
098436	Sound-Absorbing Ceiling Units	11.11.15	
099113	Exterior Painting	11.11.15	
099123	Interior Painting	11.11.15	
099300	Staining and Transparent Finishing	11.11.15	
099600	High-Performance Coatings	11.11.15	
099700	Electrostatic Painting	11.11.15	
DIVISION 10 - SPECIALTIES			
101100	Visual Display Surfaces	11.11.15	
101400	Signage	11.11.15	
102113	Toilet Compartments	11.11.15	
102123	Cubicle Curtains	11.11.15	
102226	Accordion Folding Fire Barrier	12.03.15	
102238	Operable Panel Partitions	11.11.15	
102239	Operable Glass-Panel Partitions	11.11.15	
102600	Wall and Door Protection	11.11.15	
102800	Toilet, Bath & Laundry Accessories	11.11.15	
104413	Fire Extinguisher Cabinets	11.11.15	
104416	Fire Extinguishers	11.11.15	
105113	Metal Lockers	11.11.15	
107500	Flagpoles	11.11.15	
DIVISION 11 - EQUIPMENT			
114000	Foodservice Equipment	12.02.15	
115213	Projections Screens	11.11.15	
115313	Demonstration Equipment	12.09.15	
116623	Wall Padding	11.11.15	
DIVISION 12 - FURNISHINGS			
122413	Roller Window Shades	11.11.15	
123200	Manufactured Wood Casework	11.11.15	
129300	Site Furnishings	12.02.15	
DIVISION 13 - SPECIAL CONSTRUCTION			
132148	Sound Isolation Practice Rooms	11.11.15	

		CURRENT ISSUE DATE	ORIGINAL ISSUE DATE
DIVISION 14 - CONVEYING SYSTEMS			
144200	Wheelchair Lifts	12.02.15	
DIVISION 21 – FIRE SUPPRESSION			
210500	Common Work Results for Fire Suppression	11.11.15	
211313	Wet-Pipe Sprinkler System	11.11.15	
DIVISION 22 - PLUMBING			
220500	Common Work Results for Plumbing	11.11.15	
220513	Common Motor Requirements for Plumbing Equipment	11.11.15	
220516	Expansion Fittings and Loops for Plumbing Piping	11.11.15	
220519	Meters and Gauges for Plumbing Piping	11.11.15	
220523	Vales - Plumbing	11.11.15	
220529	Hangers and Supports for Plumbing Piping and Equipment	11.11.15	
220548	Vibration Controls for Plumbing Piping and Equipment	11.11.15	
220553	Identification for Plumbing Piping and Equipment	11.11.15	
220719	Plumbing Piping Insulation	11.11.15	
221116	Domestic Water Piping	11.11.15	
221119	Domestic Water Piping Specialties	11.11.15	
221123	Domestic Water Piping Pumps	11.11.15	
221316	Sanitary Waste and Vent Piping	11.11.15	
221319	Sanitary Waste Piping Specialties	11.11.15	
221413	Storm Drainage Piping	11.11.15	
223400	Fuel-Fired, Domestic Water Heaters	11.11.15	
224000	Plumbing Fixtures	11.11.15	
224700	Drinking Fountains/Water Coolers	11.11.15	
DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING			
230500	Common Work Results for HVAC	11.11.15	
230513	Motors for HVAC Equipment	11.11.15	
230516	Expansion Fittings and Loops for HVAC Piping	11.11.15	
230517	Sleeves and Sleeve Seals for HVAC Piping	11.11.15	
230518	Escutcheons for HVAC Piping	11.11.15	
230519	Meters and Gages for HVAC Piping	11.11.15	
230523	Electrical Power Cables	11.11.15	
230529	Hangers and Supports – HVAC	11.11.15	
230548	Vibration Controls for HVAC Piping and Equipment	11.11.15	
230553	HVAC System Identification	11.11.15	
230593	Testing, Adjusting, and Balancing for HVAC	11.11.15	
230713	Duct Insulation	11.11.15	
230716	HVAC Equipment Insulation	11.11.15	
230923	Building HVAC Controls	11.11.15	
231123	Facility Natural-Gas Piping	11.11.15	
232300	Refrigerant Piping	11.11.15	
233113	Metal Ducts	11.11.15	
233300	Duct Accessories	11.11.15	
233416	Centrifugal HVAC Fans	11.11.15	
233600	Air Terminal Units	11.11.15	
233713	Diffusers, Registers, and Grilles	11.11.15	
237413	Packaged, Outdoor, Central-Station Air-Handling Units	11.11.15	
237500	Mechanical Equipment Screening	11.11.15	
238126	Split-System Air Conditioning Units	11.11.15	
238239	Unit Heaters	11.11.15	

		CURRENT ISSUE DATE	ORIGINAL ISSUE DATE
DIVISION 26 - ELECTRICAL			
260500	Common Work Results for Electrical	11.11.15	
260519	Low-Voltage Electrical Power Conductors and Cables	11.11.15	
260526	Grounding and Bonding for Electrical Systems	11.11.15	
260529	Hangers and Supports for Electrical Systems	11.11.15	
260533	Raceway and Boxes for Electrical Systems	11.11.15	
260923	Lighting Control Devices	11.11.15	
262200	Low Voltage Transformers	11.11.15	
262413	Switchboards	11.11.15	
262416	Panelboards	11.11.15	
262726	Wiring Devices	11.11.15	
262813	Fuses	11.11.15	
262816	Enclosed Switches and Circuit Breakers	11.11.15	
262913	Enclosed Controllers	11.11.15	
262923	Variable-Frequency Motor Controllers	11.11.15	
264313	Transient Voltage Suppression for Low-voltage Electrical Power Circuits	11.11.15	
265100	Interior Lighting	11.11.15	
265600	Exterior Lighting	11.11.15	
DIVISION 27 – COMMUNICATIONS			
270500	Common Work Results for Communications	11.11.15	
270536	Cable Trays for communications Systems	11.11.15	
271100	Communications Equipment Room Fittings	11.11.15	
275116	Public Address System	11.11.15	
DIVISION 28 - ELECTRONIC ACCESS CONTROL AND INTRUSION DETECTION			
280500	Common Work Results for Electronic Safety and Security	11.11.15	
280513	Conductors and Cables for Electronic Safety and Security	11.11.15	
283111	Digital, Addressable Fire-Alarm System	11.11.15	
DIVISION 31 - EARTHWORK			
311000	Site Clearing	11.11.15	
312000	Earth Moving	11.11.15	
313116	Termite Control	11.11.15	
313200	Soil Stabilization	11.11.15	
DIVISION 32 - EXTERIOR IMPROVEMENTS			
321216	Asphalt Paving	11.11.15	
321313	Concrete Paving	11.11.15	
321723	Pavement Markings	12.04.15	
323113	Chain Link Fences and Gates	11.11.15	
329200	Landscape Work	11.11.15	
DIVISION 33 - UTILITIES			
334100	Storm Utility Drainage Piping	11.11.15	
334600	Subdrainage	11.11.15	

END OF TABLE OF CONTENTS

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements governing allowances.
   1. Certain items are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.

B. Types of allowances include the following:
   1. Lump-sum allowances.

C. Related Requirements:
   1. Section 012200 "Unit Prices" for procedures for using unit prices.
   2. Section 014000 "Quality Requirements" for procedures governing the use of allowances for testing and inspecting.

1.2 SELECTION AND PURCHASE

A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.

B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.

C. Purchase products and systems selected by Architect from the designated supplier.

1.3 ACTION SUBMITTALS

A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

1.4 INFORMATIONAL SUBMITTALS

A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.

B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.

C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.5 COORDINATION

A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

1.6 LUMP-SUM ALLOWANCES

A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.

B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner and/or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.

C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
   1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.7 ADJUSTMENT OF ALLOWANCES

A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
   1. Include installation costs in purchase amount only where indicated as part of the allowance.
   2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other margins claimed.
   3. Submit substantiation of a change in scope of work, if any, claimed in Change Orders related to unit-cost allowances.
   4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.

PART 2 - EXECUTION

2.1 EXAMINATION

A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

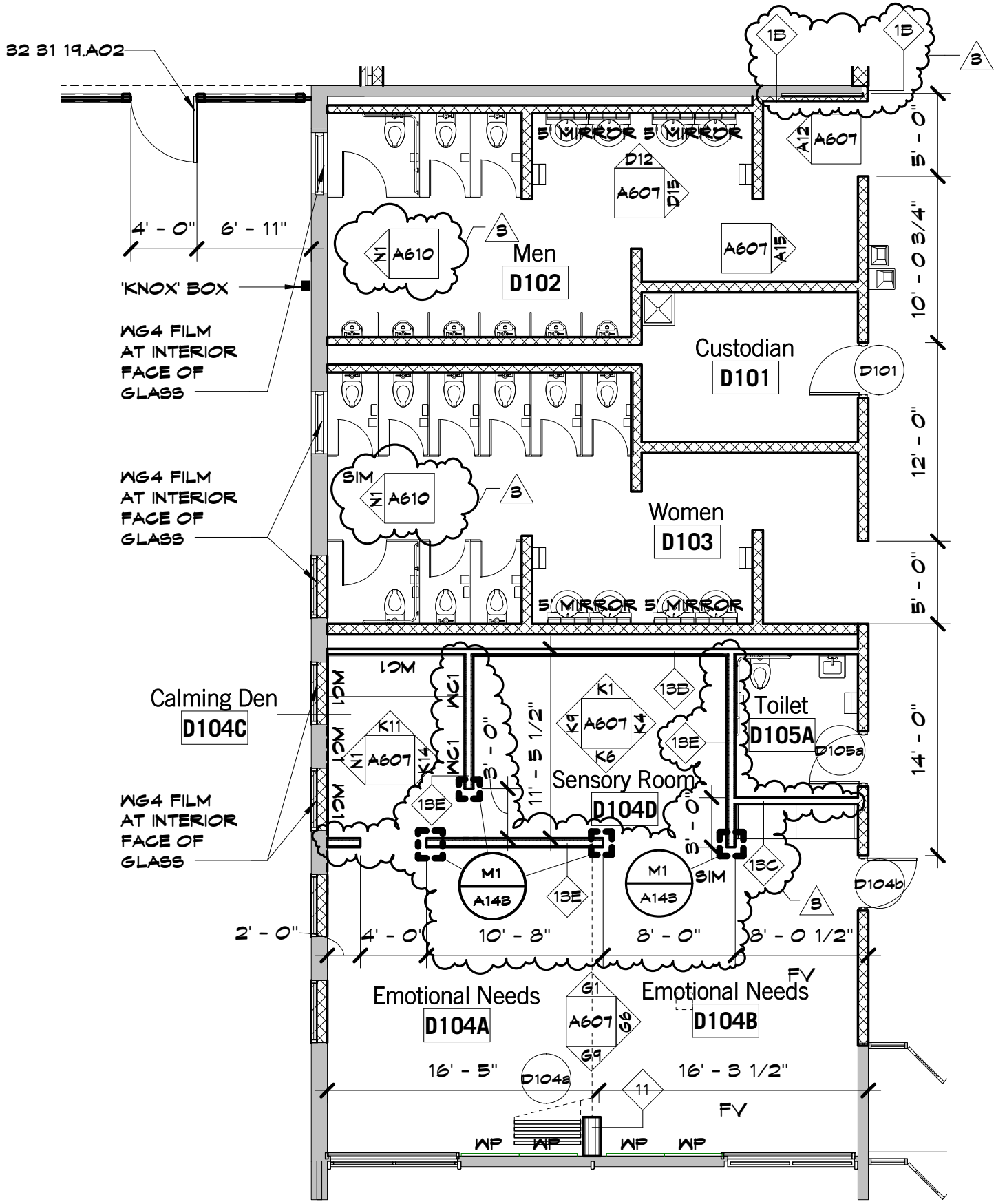
2.2 PREPARATION

A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

2.3 SCHEDULE OF ALLOWANCES

A. Allowance No. 1: Rammed Aggregate Piers Allowance: Include a lump sum allowance of not less than $50,000 for rammed aggregate piers. Refer to Sheet S102 for soil improvement areas.

END OF SECTION 012100



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Supplemental Drawing

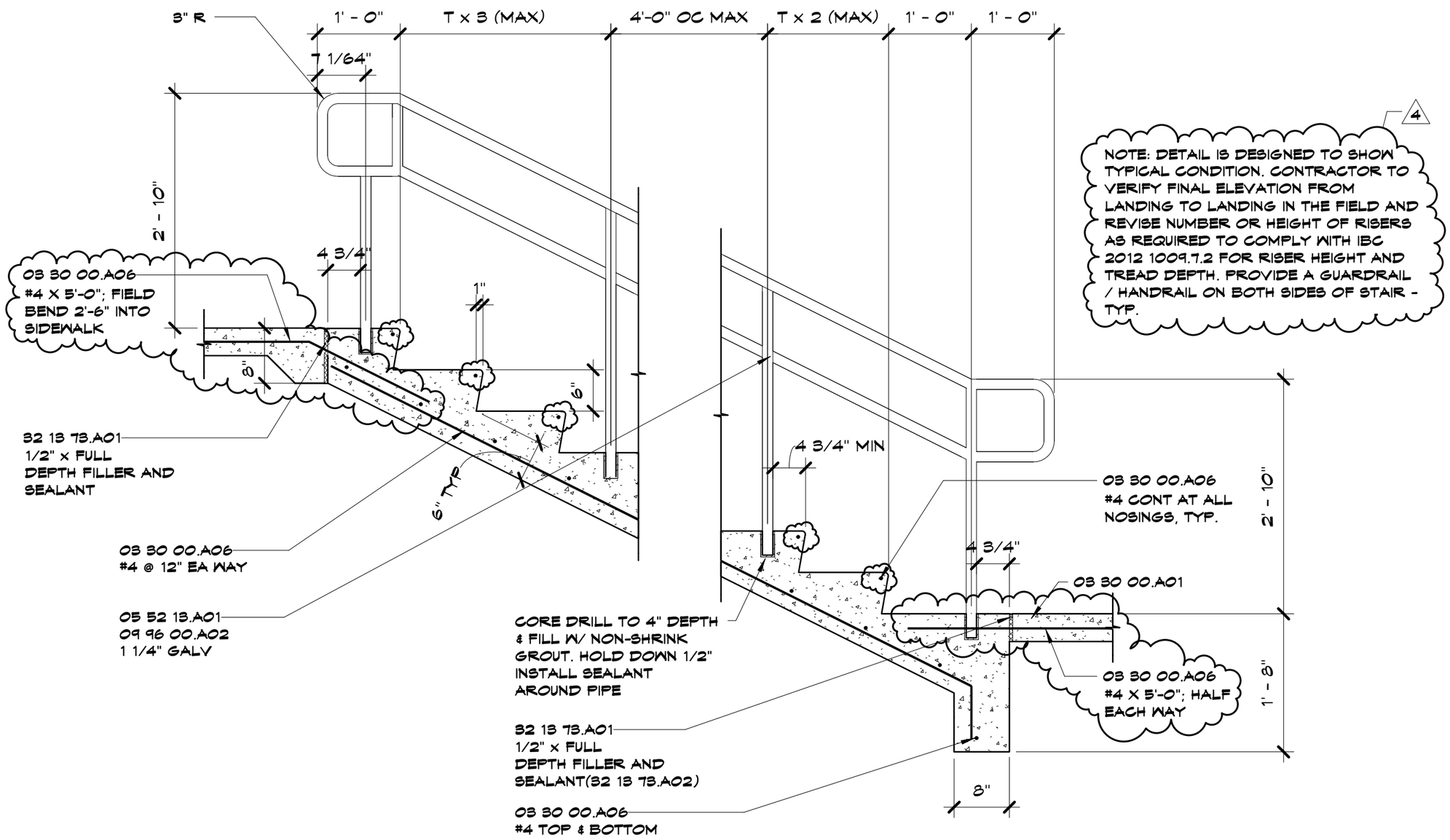
Ozark Junior High Additions & Renovations

Project No: 15029

Date: 12/09/15

ASD-02R

Dwg No: A1
Re: A104



Date: 12/11/15

ASD-12

Dwg No: F1
Re: AS102

Supplemental Drawing

Ozark Junior High Additions & Renovations

Project No: 15029

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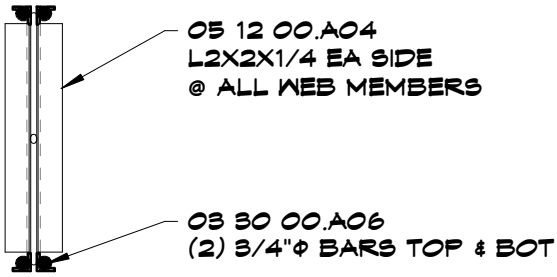

2	Scale	Joist Reinforcement
	3/4" = 1'-0"	

STATE OF MISSOURI
JOHN
E. FUNK
NUMBER
E-2000173299
REGISTERED PROFESSIONAL ENGINEER
12/11/15

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Supplemental Drawing

Ozark Junior High Addition & Renovations

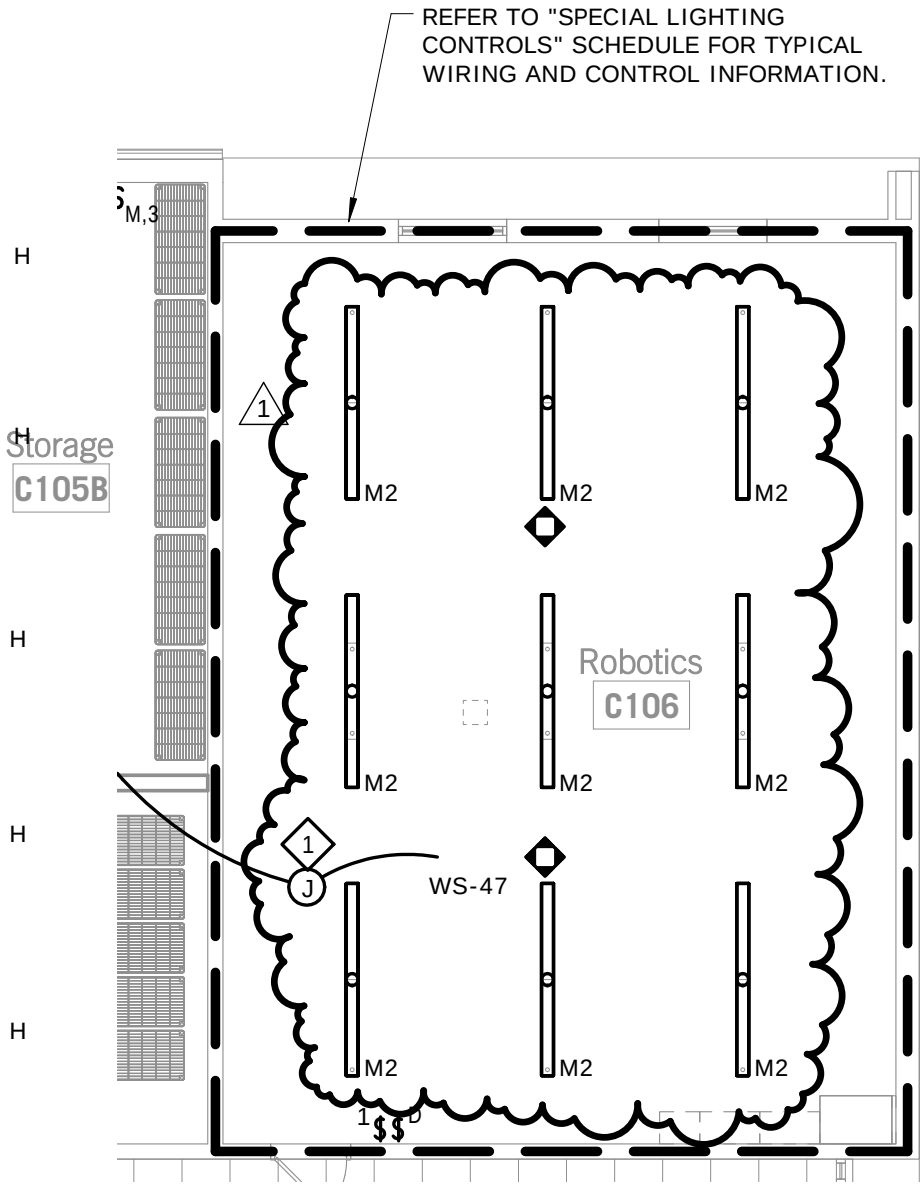
Project No: 15029

Date: 12/11/15

SSD-1

Dwg No:

Re: Addendum #5



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Supplemental Drawing

Ozark Junior High Additions & Renovations

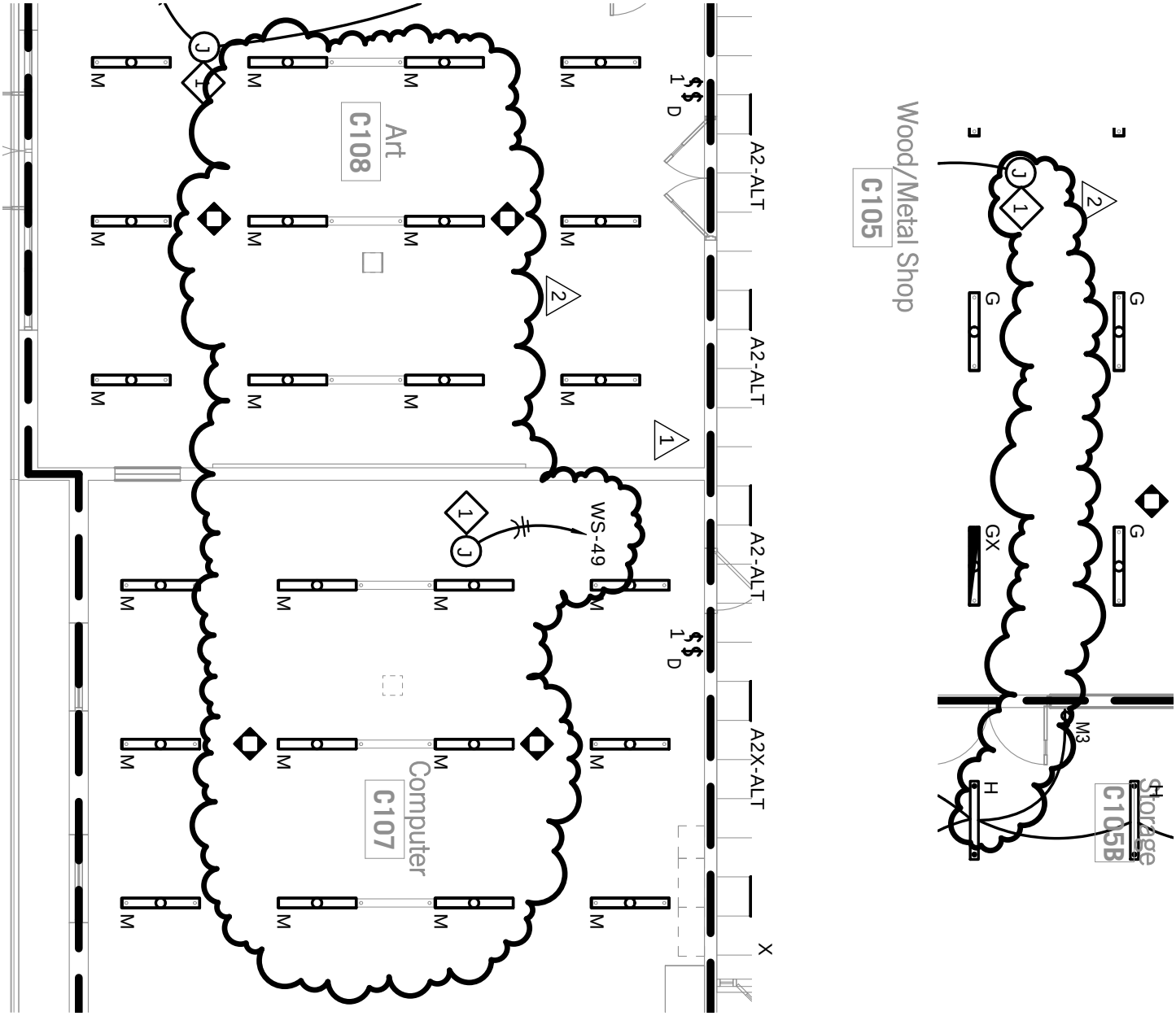
Project No: 15029

Date: 12/11/15

ESD-001

Dwg No: E103

Re: ADDENDUM #5



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Supplemental Drawing

Ozark Junior High Additions & Renovations

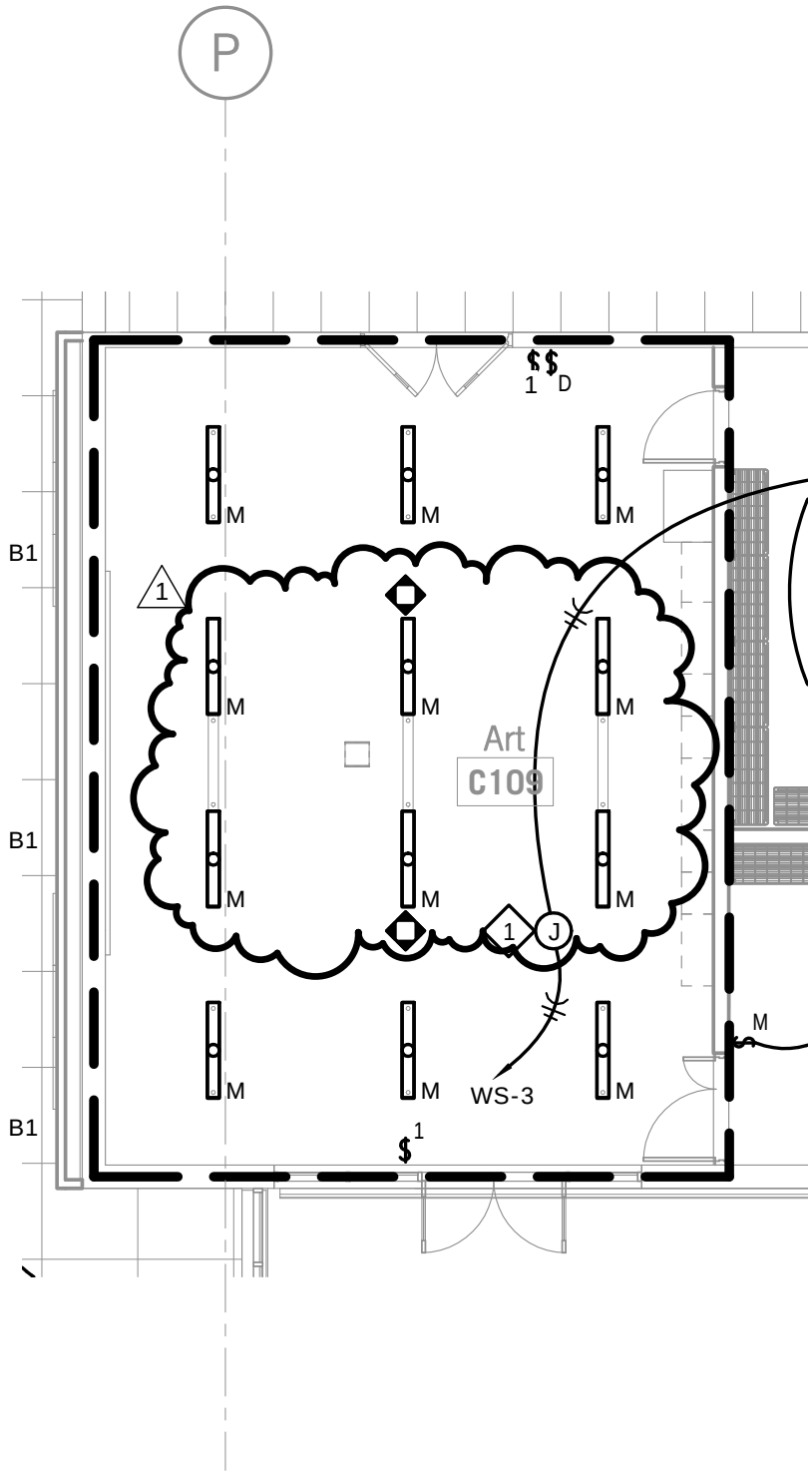
Project No: 15029

Date: 12/11/15

ESD-002

Dwg No: E103

Re: ADDENDUM #5



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Supplemental Drawing

Ozark Junior High Additions & Renovations

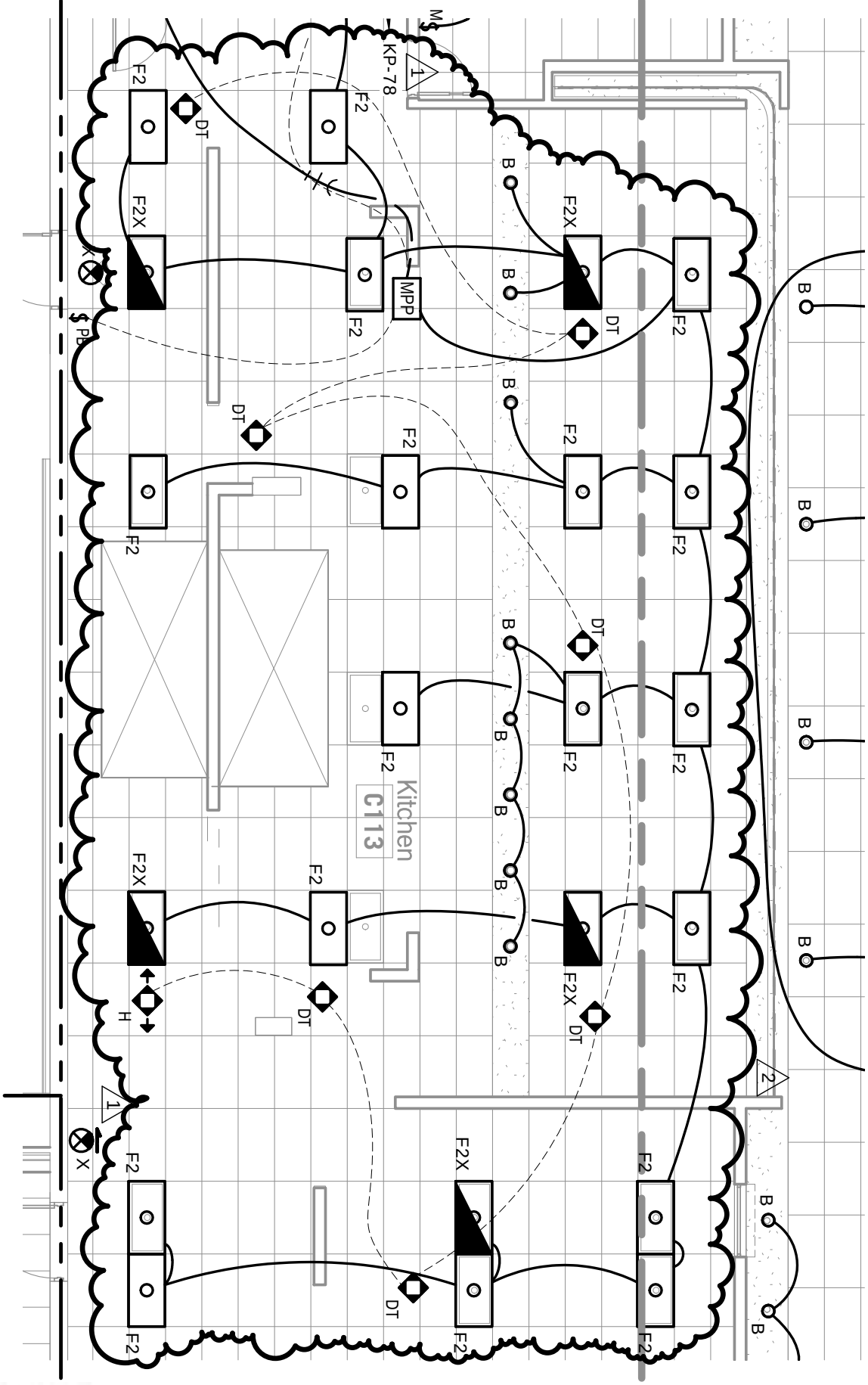
Project No: 15029

Date: 12/11/15

ESD-003

Dwg No: E103

Re: ADDENDUM #5



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Supplemental Drawing

Ozark Junior High Additions & Renovations

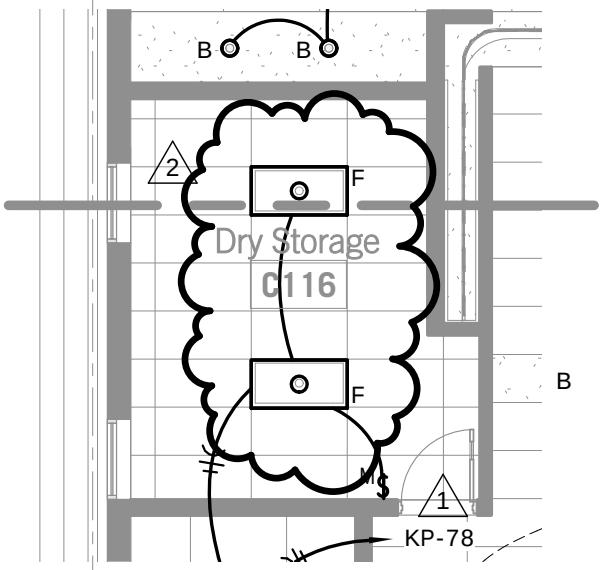
Project No: 15029

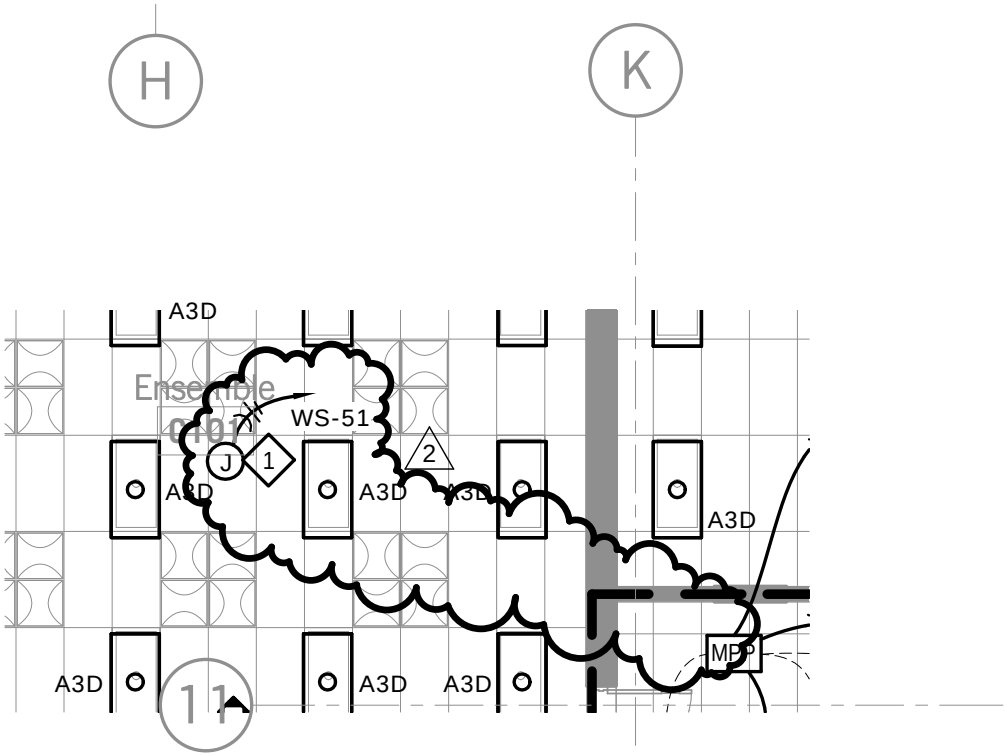
Date: 12/11/15

ESD-004

Dwg No: E103

Re: ADDENDUM #5





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Supplemental Drawing

Ozark Junior High Additions & Renovations

Project No: 15029

Date: 12/11/15

ESD-005

Dwg No: E103

Re: ADDENDUM #5

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	SOURCE	VOLTS	MANUFACTURER	V-A
A2 A2D A2X A3 A3D A3X A4 A4D A4X	(A3): 2'-0"x 4'-0" SPECIFICATION GRADE RECESSED LED DIRECT / INDIRECT TROFFER WITH ACRYLIC LINEAR CENTER LENS. STEEL HOUSING, PAINTED AFTER FABRICATION. MIN. 4200 (MAX 4500) LUMEN PACKAGE. NON-DIMMING (A2): PROVIDE WITH MIN. 3000 (MAX 3600) LUMEN PACKAGE. (A4): PROVIDE WITH MIN. 5500 LUMEN PACKAGE. (D): PROVIDE WITH 0-10V DIMMING DRIVER (X): PROVIDE WITH 90-MIN EMERGENCY BATTERY, MIN. 1100 LUMENS.	RECESSED GRID OR GYP BY LOCATION	LED 3500K 80+ CRI	UNV	METALUX SERIES 24CZ PHILIPS SERIES CLEARAPPEAL **COLUMBIA SERIES LCAT24** 1 **LITHONIA SERIES 2VTL** **LSI SERIES LPED24 LED** 2	50
B B1 BX B1X	6" SPEC GRADE LED DOWNLIGHT. SEMI-DIFFUSE REFLECTOR WITH WIDE BEAM ANGLE. TRIM TO MATCH CEILING COLOR, COORDINATE WITH ARCHITECT. 1500 LUMEN MODULE. REMOTE PHOSPHOR TECHNOLOGY OR PROVIDE WITH LENS (DIRECT VIEW OF INDIVIDUAL DIODES IS PROHIBITED). 0-10V DIMMING DRIVER. LISTED FOR DAMP LOCATION UNDER COVERED CEILING. (B1): PROVIDE WITH 3000 LUMEN PACKAGE. (X): PROVIDE WITH 90-MIN EMERGENCY BATTERY, MIN. 900 LUMENS.	RECESSED GRID OR GYP BY LOCATION	LED (INCLUDED) 3000K 90+CRI	UNV	GOTHAM SERIES EVO GE LUMINATION DI SERIES INDY SERIES L6 HALO SERIES PD6 **PHILIPS LIGHTOLIER LYTEPROFILE 6** 1	21
C2 C3	C2: 16" DIAMETER LED GLOBE SPHERE. SEAMLESS OPAQUE WHITE ACRYLIC HOUSING. WHITE CORD AND WHITE CANOPY. MINIMUM 1205 LUMEN PACKAGE. PROVIDE WITH 15' CORD TO BE FIELD WIRED TO ARCHITECT'S DESIRED LENGTH. PROVIDE WITH ALL COMPONENTS REQUIRED AND INSTALL A COMPLETE WORKING SYSTEM. (C3): SAME FIXTURE FAMILY AND DESCRIPTION AS TYPE 'C2' EXCEPT 24" DIAMETER.	RECESSED GRID OR GYP BY LOCATION	LED 3000K 1250 LUMENS	UNV	LURALINE SERIES 716/724 CORD **SISTEMALUX SERIES BOLLA** **EUREKA SERIES MIKA** 1	15
D	LINE VOLTAGE MODERN LED DECORATIVE EDISON-STYLE LAMP PENDANT. BLACK LAMPHOLDER HOUSING, RED FABRIC CORD. COORDINAT EXACT MOUNTING HEIGHTS WITH ARCHITECT. PROVIDE CANOPY AND ALL OTHER ACCESSORIES FOR A COMPLETE WORKING SYSTEM.	RED FABRIC CORD PENDANT	LED EDISON STYLE LAMP (INCLUDED) 2700K 90+ CRI.	120	TECH LIGHTING SERIES ALVA **EUREKA SERIES ALVER** 1 **BRUCK SERIES GENTS** **JESCO SERIES PD465** 2	10
EM	DECORATIVE REMOTE EMERGENCY LIGHT, UL LISTED FOR WET LOCATION, 90 MINUTE REMOTE BATTERY, SWITCHED WITH AN UNSWITCHED HOT CONDUCTOR. COLOR BY ARCHITECT.	WALL SURFACE	LED	120	SIGNTEX SERIES MAE **LUMINAIRE LED SERIES AEL** 2 OR APPROVED EQUAL	--
F F2 FX	2'-0"X4'-0" SPECIFICATION GRADE RECESSED LED TROFFER. SPRING LOADED LATCHES AND STEEL HOUSING WITH MITERED CORNERS. ALL PARTS PAINTED AFTER FABRICATION. NON DIMMING DRIVER, PATTERN 12 .125" THICK ACRYLIC LENS, AND FLAT WHITE ALUMINUM DOOR. (F2): PROVIDE WITH MINIMUM 6200 DELIVERED LUMENS. (X): PROVIDE WITH 90-MIN EMERGENCY BATTERY, MIN. 900 LUMENS.	RECESSED GRID OR GYP BY LOCATION	LED 4100K	UNV	METALUX SERIES 24GR COLUMBIA SERIES LLT24 LITHONIA EQUAL **DAYBRITE SERIES 2TG-PAF** 1 **LSI SERIES GA24** 2	50
G GX	1'-0" X 4'-0" NARROW INDUSTRIAL HIGH BAY FIXTURE, ALUMINUM HOUSING, WHITE POLYESTER POWDER COAT FINISH, 0.125" FROSTED ACRYLIC LENS. (X): PROVIDE WITH 90-MIN EMERGENCY BATTERY, MIN. 900 LUMENS.	PENDANT/ SURFACE	LED 6300 LUMENS 4000K	UNV	WILLIAMS SERIES GLN **COLUMBIA SERIES LLHV** 1 **LITHONIA SERIES IBL** **LSI SERIES XLHB** 2	56
H HX	4'-0" LED STRIP FIXTURE. STEEL HOUSING, ALL PARTS PAINTED AFTER FABRICATION. NON-DIMMING DRIVER. (X): PROVIDE WITH 90-MIN EMERGENCY BATTERY, MIN. 900 LUMENS.	SURFACE OR CHAIN HANG AS REQUIRED	LED 3500K 5000 LUMENS 80+ CRI	UNV	LITHONIA SERIES ZL1N WILLIAMS SERIES 75L 1 **DAYBRITE SERIES FLUXSTREAM** **COLUMBIA SERIES LCL** **LSI SERIES S 4 LED** 2	30
J	.63" x .63" FLEXIBLE SIDE-EMITTING LED TUBE LIGHT WITH WHITE FLEXIBLE LENS. MAX BEND RADIUS OF 12". MINUMUM 170 LUMENS PER FT. WHITE HOUSING. SELF LOCKING MOUNTING CHANNEL. REMOTE DRIVER LOCATED ABOVE ACCESSIBLE CEILING ADJACENT TO SKYLIGHT. LENGTHS PER PLANS. INSTALL IN ORDER TO CREATE AN UNINTERRUPTED BAND OF LIGHT. PROVIDE ALL PARTS AND PIECES AND INSTALL A COMPLETE WORKING SYSTEM.	RECESSED GRID OR GYP BY LOCATION	LED 1 **5000K** 170 LUMENS PER FOOT 80+ CRI	UNV	ACCLAIM FLEX TUBE SE 1 **GE SERIES TETRA CONTOUR** **ACOLYTE SERIES NEONLYTE**	3 / FT
K	1-1/2" APERATURE PINHOLE LED DOWNLIGHT. MEDIUM THROW. 500 DELIVERED LUMENS. FLAT TRIM. TRIM COLOR TO MATCH CEILING GRID COLOR. INTEGRAL DRIVER. 1 **K2: SAME AS TYPE TYPE K EXCEPT FULLY ADJUSTABLE AIMABLE OPTION: UP TO 45 DEGREES AND 300 DEGREES MINIMUM OF ROTATION.**	RECESSED	LED (INCLUDED) 3500K	UNV	DASAL SERIES PINHOLE TL 3G LIGHTING 2" ROUND FLAT LUCIFER DL1ZP 1 **USAI LIGHTING SERIES M126** **VANTAGE SERIES A2VEXLED** 2	19

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Supplemental Drawing

Ozark Junior High Additions & Renovations

PROJECT NO: **15041**

DATE: **12-11-15**

ESD-006

DWG NO: **E402**

RE: **ADDENDUM #5**

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	SOURCE	VOLTS	MANUFACTURER	V-A
L	CUSTOM 6' ENTRY PENDANT. MULTIPLE CONCENTRIC ALUMINUM RINGS WITH LED RIBBON ON INTERIOR OF RINGS. CONCENTRIC RINGS MAY BE TILTED AND MODIFIED ALONG MULTIPLE AXES. COORDINATE PENDANT HEIGHT WITH ARCHITECT. PROVIDE ALL PARTS AND PIECES FOR A COMPLETE WORKING SYSTEM. 1	PENDANT	LED 3500K	UNV	FIRE FARM RINGZ 4184 CHANDELIER	150
M M2 MX	**2.25" WIDE x 4" TALL** SUSPENDED SEMI-DIRECT LINEAR PENDANT LED FIXTURE. WHITE DIFFUSE WRAPAROUND LENS. ~15% UPLIGHT, ~85% DOWNLIGHT. EXTRUDED ALUMINUM HOUSING, ALL PARTS PAINTED AFTER FABRICATION. LENGTHS PER PLANS. 0-10V DIMMING DRIVER. PROVIDE WITH CANOPY AND ALL OTHER COMPONENTS FOR A COMPLETE WORKING SYSTEM. **(M2): SAME DESCRIPTION EXCEPT 8' LENGTH.** (X): PROVIDE WITH 90-MIN EMERGENCY BATTERY, MIN. 900 LUMENS.	SURFACE	LED 3500K **800 LUMENS PER FOOT** 80+ CRI	UNV 1	BARTCO SERIES BODHI 1 **PRUDENTIAL SERIES HALFSNAP LED** **AXIS SERIES TBDILED** **PMC LIGHTING SERIRES ES3255-LED** 2	50 / 4 FT
N NX	4" WIDE LINEAR LED RECESSED FIXTURE. EXTRUDED ALUMINUM HOUSING, MATCH FLANGE TYPE WITH CEILING GRID TYPE. FLANGELESS IN DRYWALL APPLICATIONS. POWDER COAT PAINTED FINISH, ALL PARTS PAINTED AFTER FABRICATION. FLAT WHITE FROSTED ACRYLIC LENS. LENGTHS PER PLANS. NON-DIMMING DRIVER. (X): PROVIDE WITH 90-MIN EMERGENCY BATTERY, MIN. 900 LUMENS, MINIMUM (2 FOR LENGTHS LONGER THAN 15'.	RECESSED GRID OR GYP BY LOCATION	LED 3500K 750 LUMENS PER FOOT 80+ CRI	UNV 1	FOCALPOINT SERIES SEEM 4 LED AXIS SERIES BEAM 4 LED **FINELITE SERIES HP4** **LITECONTROL SERIES MOD44 LED** **PMC LIGHTING SERIRES ES3255-LED** 2	56 PER 4'
P	2" X 3" X 4' LONG LINEAR LED CHANNEL PENDANT. EXTRUDED ALUMINUM HOUSING, WHITE LENS.	**AIRCRAFT CABLE PENDANT**	LED 3500K 500 LUMENS PER FOOT 80+ CRI	UNV 1	BARTCO SERIES BOHDI (SMALL) **ACOLYTE LED CHANNEL ARI WITH** **ACOLYTE RIBBONLYTE 8.8 LED TAPE** **ILLUMINI SERIES KILOS-48-35K-HO**	20 / 4 FT
Q6 Q5	**Q6: 6' DIAMETER CIRCULAR RECESSED FLUORESCENT OR LED TROFFER. SMOOTH WHITE OPAQUE ACRYLIC LENS. (10) T5HO LAMPS OR 28000 LUMENS. DIMMABLE DRIVER / BALLAST TO BE CONTROLLED VIA PHOTOCELL.** **Q5: SAME DESCRIPTION AS 'Q4' EXCEPT 5' DIAMETER AND (8) T5HO LAMPS OR 21500 LUMENS .** 1	RECESSED GRID OR GYP BY LOCATION	**LED OR 4' T5HO LAMPS, 5000K, QUANTITY VARIES PER SIZE**	UNV 1	FOCALPOINT SERIES SKYDOME (FL) **PRUDENTIAL SERIES P8900 LED** OR PRE-BID APPROVED EQUAL	540
R	IP67 RATED LED CHANNEL WITH ACRYLIC LENS AND NARROW BEAM OPTICS. LENGTHS PER PLANS. DEVICE TO BE INSTALLED WITH DECORATIVE ARCHITECTURAL SCREEN IN ORDER TO BACKLIGHT SCREEN. CONTRACTOR TO PROVIDE MOCK-UP SAMPLE WITH DESIGN TEAM PRIOR TO INSTALLING.	SURFACE	LED 3000K 600 LUMENS PER FOOT 80+ CRI	UNV	TBD. PROVIDE $150/FT IN BID.	15 / FT
X	LED EXIT SIGN. SEALED NICAD BATTERY, THERMOPLASTIC POLYCARBONATE HOUSING, RED LETTERS, CHEVRONS AS INDICATED ON PLANS, UNIVERSAL WALL OR CEILING MOUNT AS REQUIRED.	RE: PLANS	LED (INTEGRAL)	120	COOPER SURE-LITES LPX7 SERIES **PHILIPS CHLORIDE CE-15050** 1 **DUALLITE SERIES LX** **LITHONIA SERIES LQM** **LSI SERIES EX** 2	--

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220 NW Executive Way
Lee's Summit, MO 64063
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FAX 525.3028

Supplemental Drawing

Ozark Junior High Additions & Renovations

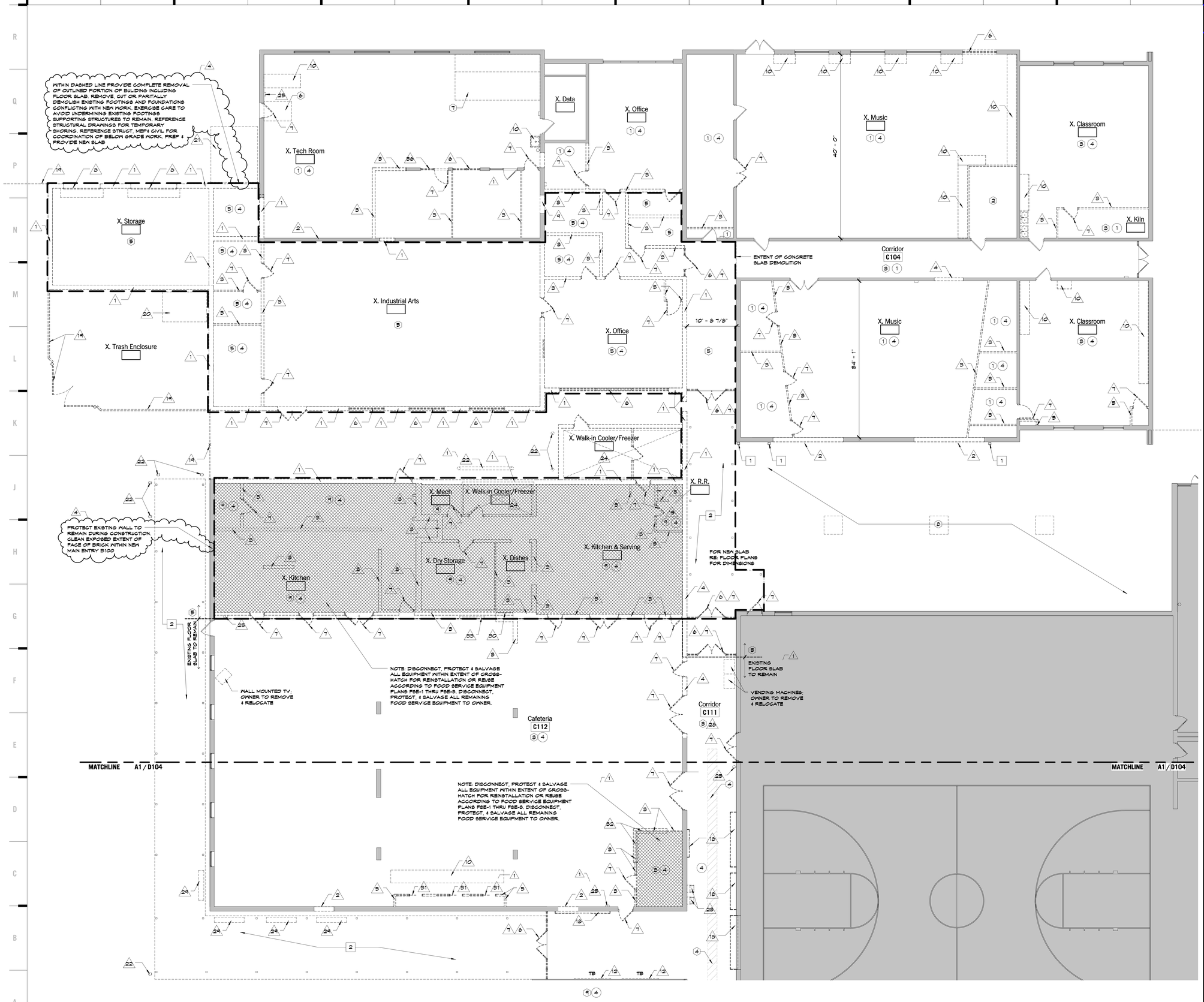
PROJECT NO: **15041**

DATE: **12-11-15**

ESD-007

DWG NO: **E402**

RE: **ADDENDUM #5**



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

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 NEED FOR SUB-SLAB MECHANICAL, ELECTRICAL & PLUMBING WORK. SAW CUT EXISTING CONCRETE AREAS PRIOR TO REMOVAL. INFILL W/ VAPOR RETARDER & CONCRETE MIN 4" THICK (RE. F1/D101). MATCH EXISTING SLAB PLANES. 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.
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.
3. REMOVE EXISTING CMU WALL. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIRING, ETC. REMOVE BASE AS REQUIRED.
4. REMOVE PORTION OF EXISTING CMU WALL AS REQUIRED FOR NEW OPENING. REMOVE 5" (ONE ADDITIONAL COURSE) FROM EACH SIDE AND HEAD OF OPENING.
5. REMOVE EXISTING METAL STUD & GYP BD WALL. COORDINATE REMOVAL OF CONDUIT, SWITCHES, WIRING, ETC. REMOVE BASE AS REQUIRED.
6. REMOVE EXISTING ALUMINUM WINDOW SYSTEM.
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.
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.
16. REMOVE EXISTING LOCKERS. LEAVE EXISTING TILE BASE. REPAIR & REPLACE DAMAGED TILE.
17. REMOVE EXISTING LOCKERS AND TILE BASE.
18. REMOVE EXISTING DISPLAY CASES. PATCH & REPAIR EXISTING WALL FOR NEW WALL FINISH.
19. REMOVE EXISTING TRASH ENCLOSURE/CHAIN LINK FENCE/GUARDRAIL & GATES
20. REMOVE EXISTING DUST COLLECTOR. SALVAGE FOR RELOCATION.
21. OWNER TO REMOVE WOOD SHED.
22. REMOVE EXISTING BOLLARDS.
23. REMOVE EXISTING WATER FOUNATIN.
24. REMOVE EXISTING FREEZER/COOLER AND ALL RELATED EQUIPMENT.
25. REMOVE EXISTING FIRE EXTINGUISHER.
26. REMOVE ALL EXISTING PLUMBING FIXTURES.
27. REMOVE EXISTING DATA/ELECTRICAL DROPS.
28. OWNER TO REMOVE AND STORE ALL PLAQUES AND AWARDS ALONG CORRIDORS.
29. REMOVE EXISTING SITE BENCHES.
30. REMOVE EXISTING ROLLING COUNTER DOOR, FRAME, COUNTER AND ALL ASSOCIATED APPURTENANCES
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

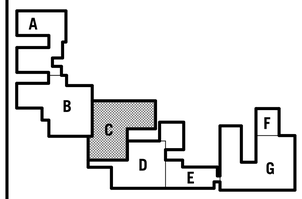
CEILINGS

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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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	11.23.2015
4	Addendum No. 5	12.10.2015

STATE OF MISSOURI
KIRK CHRISTIAN HORNER
NUMBER A-2001016578
ARCHITECT
Nov 11 2015
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 other drawings, specifications, and documents bearing the seal of the architect are the instruments of service of the architect, and the 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

D103

___ OF ___

DEMOLITION FLOOR PLAN - AREA C

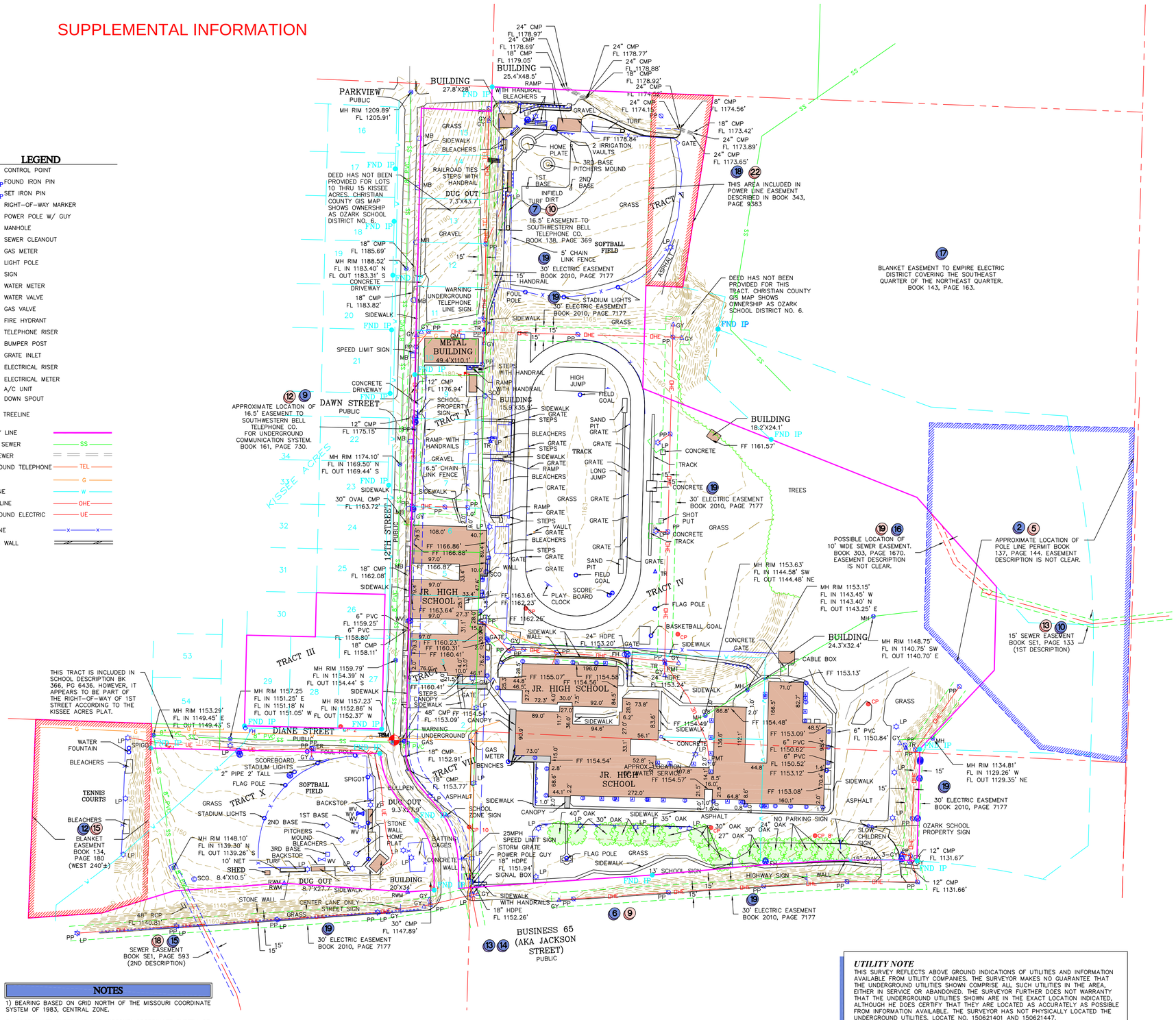
Please consider the environment before printing this.

12/11/2015 1:19:07 AM

SUPPLEMENTAL INFORMATION

LEGEND

CP	CONTROL POINT
FND IP	FOUND IRON PIN
SET IP	SET IRON PIN
RWM	RIGHT-OF-WAY MARKER
PP GY	POWER POLE W/ GUY
MH	MANHOLE
SCO	SEWER CLEANOUT
GM	GAS METER
LP	LIGHT POLE
	SIGN
	WATER METER
WV	WATER VALVE
GV	GAS VALVE
FH	FIRE HYDRANT
TR	TELEPHONE RISER
	BUMPER POST
	GRATE INLET
ER	ELECTRICAL RISER
	ELECTRICAL METER
	A/C UNIT
	DOWN SPOUT
	TREELINE
	PROPERTY LINE
SS	SANITARY SEWER
	STORM SEWER
TEL	UNDERGROUND TELEPHONE
G	GAS LINE
W	WATER LINE
OHE	ELECTRIC LINE
UE	UNDERGROUND ELECTRIC
x	FENCE LINE
	RETAINING WALL



NOTES

1) BEARING BASED ON GRID NORTH OF THE MISSOURI COORDINATE SYSTEM OF 1983, CENTRAL ZONE.

2) COORDINATE SYSTEM IS THE MISSOURI COORDINATE SYSTEM OF 1983, CENTRAL ZONE, ORIGINATING FROM MISSOURI DNR MONUMENT CH-13, AND CHECKING MISSOURI DNR MONUMENT CH-51.

3) ELEVATIONS ARE BASED ON NAVD 1988.

2) TITLE AND EASEMENT INFORMATION IS SHOWN ON PAGE 2.

UTILITY NOTE

THIS SURVEY REFLECTS ABOVE GROUND INDICATIONS OF UTILITIES AND INFORMATION AVAILABLE FROM UTILITY COMPANIES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANTY THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. LOCATE NO. 150621401 AND 150621447.

LOCATION SKETCH

SECTION 22
T 27 N, R 21 W
SCALE: 1"=2000'

GRID

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

BENCHMARK

TBM IS THE NORTH RIM OF THE EXISTING MANHOLE LOCATED AT THE INTERSECTION OF 12TH STREET AND DIANE STREET, HAVING AN ELEVATION OF 1157.23'.

FLOOD NOTE

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE X AND A OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 29043C0090C, WHICH BEARS AN EFFECTIVE DATE OF DECEMBER 17, 2010 AND PART IS IN A SPECIAL FLOOD HAZARD AREA. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE.

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED ANY GIVEN YEAR. THE SPECIAL FLOOD HAZARD AREA IS THE AREA SUBJECT TO FLOODING BY 1% ANNUAL CHANCE FLOOD. AREAS OF SPECIAL FLOOD HAZARD INCLUDES ZONES A, AE, AH, AO, AR, A99, V, AND VE. THE BASE FLOOD ELEVATION IS THE WATER-SURFACE ELEVATION OF THE 1% ANNUAL CHANCE FLOOD.

ZONE A: NO BASE FLOOD ELEVATIONS DETERMINED.

ACCURACY STANDARD: URBAN

SURVEYOR'S DECLARATION

I, THE UNDERSIGNED, DO HEREBY DECLARE THAT THE BOUNDARY AND TOPOGRAPHIC SURVEY SHOWN HEREON WAS MADE UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE THE INFORMATION IS AS SHOWN AND IN ACCORDANCE WITH THE CURRENT MISSOURI MINIMUM STANDARDS FOR URBAN SURVEYS.
LAST REVISION DATE AUGUST 14, 2015

ANDERSON ENGINEERING, INC. L.C. 62
BY:

STATE OF MISSOURI
JERROD L. HOGAN
NUMBER PLS-2004001333
PROFESSIONAL LAND SURVEYOR

JERROD L. HOGAN, P.L.S. 2004001333

8-14-15
DATE

ANDERSON ENGINEERING, INC
ENGINEERS • SURVEYORS • LABORATORIES • DRILLING
811 E. 3RD STREET • JOPLIN, MISSOURI 64801 • PHONE (417) 782-7399

DRAWING INFO.	
FIELD BY:	JM
DRAWN BY:	SLM
CHECK BY:	JLH
DATE:	8-14-15
FIELD BOOK:	
JOB NUMBER:	80019-15

REVISIONS			
NO.	DESCRIPTION	BY	DATE

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HOLLIS AND MILLER ARCHITECTS
OZARK SCHOOL

BOUNDARY & TOPOGRAPHIC SURVEY

JACKSON STREET & 12TH STREET
OZARK, CHRISTIAN COUNTY, MISSOURI

DRAWING NO.
JOP-100-3834

SHEET NUMBER
1
OF 2

SUPPLEMENTAL INFORMATION

TITLE DESCRIPTION (TRACT X)

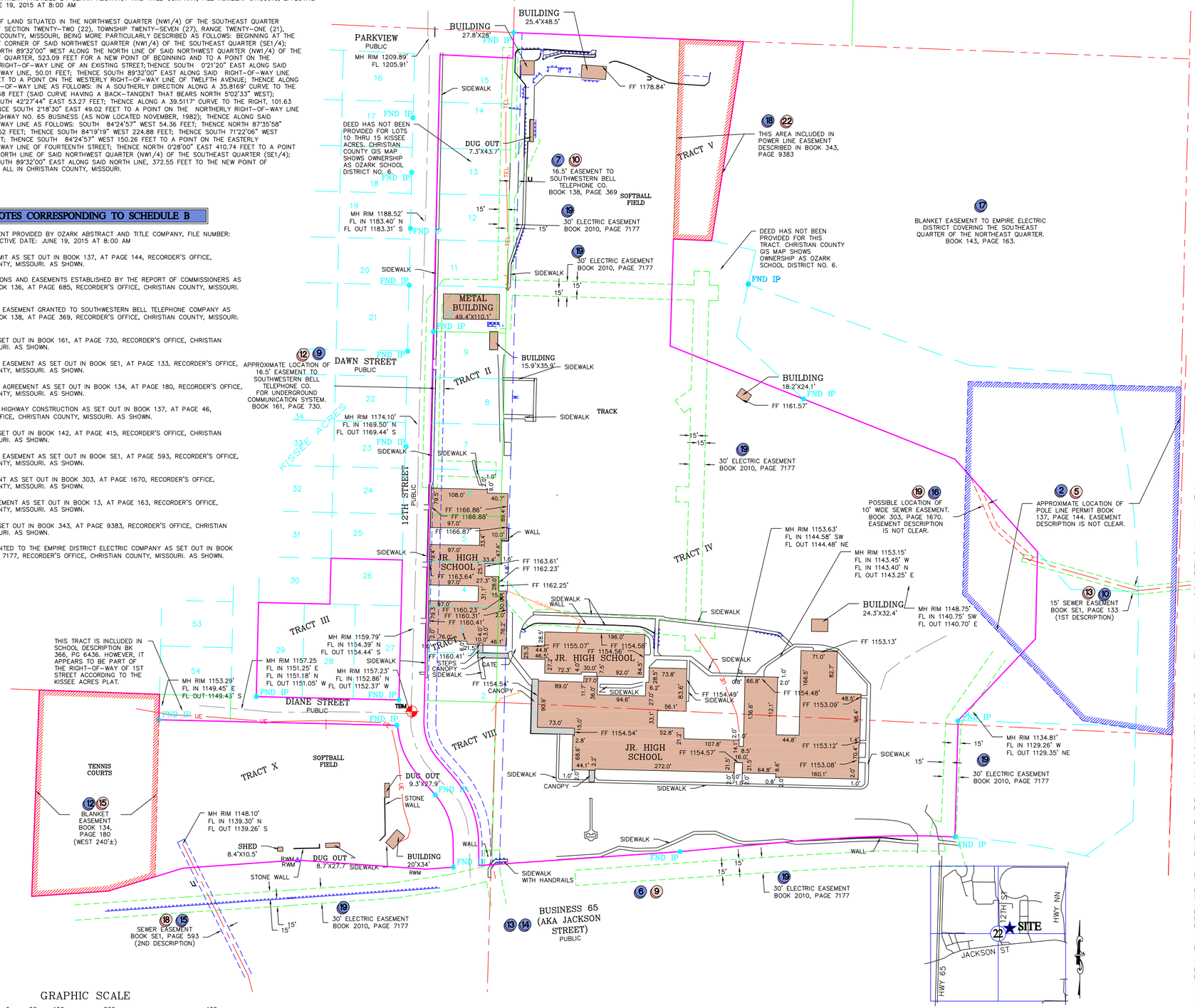
TITLE COMMITMENT PROVIDED BY OZARK ABSTRACT AND TITLE COMPANY, FILE NUMBER: 01150615, EFFECTIVE DATE: JUNE 19, 2015 AT 8:00 AM

A TRACT OF LAND SITUATED IN THE NORTHWEST QUARTER (NW1/4) OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION TWENTY–TWO (22), TOWNSHIP TWENTY–SEVEN (27), RANGE TWENTY–ONE (21), CHRISTIAN COUNTY, MISSOURI, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHEAST CORNER OF SAID NORTHWEST QUARTER (NW1/4) OF THE SOUTHEAST QUARTER (SE1/4); THENCE NORTH 89°32'00" WEST ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER (NW1/4) OF THE SOUTHEAST QUARTER, 523.09 FEET FOR A NEW POINT OF BEGINNING AND TO A POINT ON THE WESTERLY RIGHT–OF–WAY LINE OF AN EXISTING STREET; THENCE SOUTH 0°21'20" EAST ALONG SAID RIGHT–OF–WAY LINE, 50.01 FEET; THENCE SOUTH 89°32'00" EAST ALONG SAID RIGHT–OF–WAY LINE 332.06 FEET TO A POINT ON THE WESTERLY RIGHT–OF–WAY LINE OF TWELFTH AVENUE; THENCE ALONG SAID RIGHT–OF–WAY LINE AS FOLLOWS: IN A SOUTHERLY DIRECTION ALONG A 35.8169' CURVE TO THE LEFT, 104.48 FEET (SAID CURVE HAVING A BACK–TANGENT THAT BEARS NORTH 5°02'33" WEST); THENCE SOUTH 42°27'44" EAST 53.27 FEET; THENCE ALONG A 39.5117' CURVE TO THE RIGHT, 101.63 FEET; THENCE SOUTH 2°18'30" EAST 49.02 FEET TO A POINT ON THE NORTHERLY RIGHT–OF–WAY LINE OF U.S. HIGHWAY NO. 65 BUSINESS (AS NOW LOCATED NOVEMBER, 1982); THENCE ALONG SAID RIGHT–OF–WAY LINE AS FOLLOWS: SOUTH 84°24'57" WEST 54.36 FEET; THENCE NORTH 87°35'58" WEST 252.52 FEET; THENCE SOUTH 84°19'19" WEST 224.88 FEET; THENCE SOUTH 71°22'06" WEST 153.75 FEET; THENCE SOUTH 84°24'57" WEST 150.26 FEET TO A POINT ON THE EASTERLY RIGHT–OF–WAY LINE OF FOURTEENTH STREET; THENCE NORTH 0°28'00" EAST 410.74 FEET TO A POINT ON THE NORTH LINE OF SAID NORTHWEST QUARTER (NW1/4) OF THE SOUTHEAST QUARTER (SE1/4); THENCE SOUTH 89°32'00" EAST ALONG SAID NORTH LINE, 372.55 FEET TO THE NEW POINT OF BEGINNING, ALL IN CHRISTIAN COUNTY, MISSOURI.

NOTES CORRESPONDING TO SCHEDULE B

TITLE COMMITMENT PROVIDED BY OZARK ABSTRACT AND TITLE COMPANY, FILE NUMBER: 01150615, EFFECTIVE DATE: JUNE 19, 2015 AT 8:00 AM

2. POLE LINE PERMIT AS SET OUT IN BOOK 137, AT PAGE 144, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
6. TERMS, PROVISIONS AND EASEMENTS ESTABLISHED BY THE REPORT OF COMMISSIONERS AS SET OUT IN BOOK 136, AT PAGE 685, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
7. RIGHT–OF–WAY EASEMENT GRANTED TO SOUTHWESTERN BELL TELEPHONE COMPANY AS SET OUT IN BOOK 138, AT PAGE 369, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
9. EASEMENT AS SET OUT IN BOOK 161, AT PAGE 730, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
10. RIGHT–OF–WAY EASEMENT AS SET OUT IN BOOK SE1, AT PAGE 133, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
12. RIGHT–OF–WAY AGREEMENT AS SET OUT IN BOOK 134, AT PAGE 180, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
13. EASEMENT FOR HIGHWAY CONSTRUCTION AS SET OUT IN BOOK 137, AT PAGE 46, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
14. EASEMENT AS SET OUT IN BOOK 142, AT PAGE 415, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
15. RIGHT–OF–WAY EASEMENT AS SET OUT IN BOOK SE1, AT PAGE 593, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
16. SEWER EASEMENT AS SET OUT IN BOOK 303, AT PAGE 1670, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
17. POLE LINE EASEMENT AS SET OUT IN BOOK 13, AT PAGE 163, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
18. EASEMENT AS SET OUT IN BOOK 343, AT PAGE 9383, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
19. EASEMENT GRANTED TO THE EMPIRE DISTRICT ELECTRIC COMPANY AS SET OUT IN BOOK 2010, AT PAGE 7177, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.



NOTES CORRESPONDING TO SCHEDULE B

TITLE COMMITMENT PROVIDED BY OZARK ABSTRACT AND TITLE COMPANY, FILE NUMBER: 00370515, EFFECTIVE DATE: JUNE 19, 2015 AT 8:00 AM

2. ALL RIGHTS–OF–WAY, EASEMENTS, SETBACK LINES, AND INFORMATIONAL NOTES AS SHOWN ON THE RECORDED PLAT FOR KISSEE ACRES, IN PLAT BOOK G, AT PAGE 283 AND IN PLAT BOOK B, AT PAGE 65, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. NO EASEMENTS SHOWN ON PLAT.
3. BUILDING RESTRICTIONS AS SHOWN ON RECORDED PLAT IN PLAT BOOK G, AT PAGE 283 AND IN PLAT BOOK B, AT PAGE65, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. NO RESTRICTIONS SHOWN ON PLAT.
4. TERMS AND PROVISIONS OF BUILDING RESTRICTIONS AS CONTAINED IN BOOK 142, AT PAGE 471, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. SUBJECT TO TERMS AND CONDITIONS WITHIN.
5. POLE LINE PERMIT AS SET OUT IN BOOK 137, AT PAGE 144, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
9. TERMS, PROVISIONS AND EASEMENTS ESTABLISHED BY THE REPORT OF COMMISSIONERS AS SET OUT IN BOOK 136, AT PAGE 685, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
10. RIGHT–OF–WAY EASEMENT GRANTED TO SOUTHWESTERN BELL TELEPHONE CO. AS SET OUT IN BOOK 138, AT PAGE 369. AS SHOWN.
11. AFFIDAVIT OF ADVERSE POSSESSION AS SET OUT IN BOOK 137, AT PAGE 505, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. NOT PLOTTABLE.
12. EASEMENT AS SET OUT IN BOOK 161, AT PAGE 730, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
13. RIGHT–OF–WAY EASEMENT AS SET OUT IN BOOK SE1, AT PAGE 133, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
15. TERMS AND PROVISIONS OF RIGHT–OF–WAY AGREEMENT AS CONTAINED IN BOOK 134, AT PAGE 180, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
16. EASEMENT FOR HIGHWAY CONSTRUCTION AS SET OUT IN BOOK 137, AT PAGE 46, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
17. EASEMENT AS SET OUT IN BOOK 142, AT PAGE 415, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI.
18. RIGHT–OF–WAY EASEMENT AS SET OUT IN BOOK SE1, AT PAGE 593, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
19. SEWER EASEMENT AS SET OUT IN BOOK 303, AT PAGE 1670, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.
20. POLE LINE EASEMENT AS SET OUT IN BOOK 143, AT PAGE 163, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI.
21. EASEMENT AS SET OUT IN BOOK 343, AT PAGE 9383, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI.
22. EASEMENT GRANTED TO THE EMPIRE DISTRICT ELECTRIC CO. AS SET OUT IN BOOK 2010, AT PAGE 7177, RECORDER'S OFFICE, CHRISTIAN COUNTY, MISSOURI. AS SHOWN.

TITLE DESCRIPTION (TRACTS 1-5)

TITLE COMMITMENT PROVIDED BY OZARK ABSTRACT AND TITLE COMPANY, FILE NUMBER: 00370515, EFFECTIVE DATE: JUNE 19, 2015 AT 8:00 AM

TRACT I:

ALL OF LOTS TWO (2), THREE (3), FOUR (4) AND FIVE (5), BLOCK TWO (2), IN KISSEE ACRES, A SUBDIVISION OF THE EAST ONE–HALF (E½) OF THE SOUTHWEST QUARTER (SW¼) OF THE NORTHEAST QUARTER (NE¼) OF SECTION TWENTY–TWO (22), TOWNSHIP TWENTY–SEVEN (27), RANGE TWENTY–ONE (21).

ALSO BEGINNING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER (NW¼) OF THE SOUTHEAST QUARTER (SE¼) OF SECTION TWENTY–TWO (22), TOWNSHIP TWENTY–SEVEN (27), RANGE TWENTY–ONE (21), THENCE SOUTH 321 FEET MORE OR LESS TO NORTH BOUNDARY LINE OF HIGHWAY NO. 14; THENCE IN A WESTERLY DIRECTION FOLLOWING THE NORTH BOUNDARY LINE OF SAID HIGHWAY 14 TO THE EAST BOUNDARY LINE OF THE STREET DESIGNATED AS HIGH SCHOOL DRIVE; THENCE IN A NORTHERLY DIRECTION ALONG THE EAST BOUNDARY OF SAID STREET TO A POINT DUE WEST OF THE POINT OF BEGINNING; THENCE EAST 140 FEET TO THE POINT OF BEGINNING (SAID LAST DESCRIBED TRACT BEING DESIGNATED AS LOT ONE (1) ON A UNRECORDED PLAT), ALL IN CHRISTIAN COUNTY, MISSOURI.

TRACT II:

ALL OF LOTS SIX (6), SEVEN (7), EIGHT (8) AND NINE (9), BLOCK TWO (2), OF KISSEE ACRES, AN ADDITION TO THE CITY OF OZARK, CHRISTIAN COUNTY MISSOURI.

TRACT III:

ALL OF LOTS TWENTY–SIX (26), TWENTY–SEVEN (27), TWENTY–EIGHT (28), TWENTY–NINE (29), BLOCK TWO (2), OF KISSEE ACRES, A SUBDIVISION IN THE CITY OF OZARK, CHRISTIAN COUNTY, MISSOURI, THE SAME BEING A PART OF THE EAST HALF (E½) OF THE SOUTHWEST QUARTER (SW¼) OF THE NORTHEAST QUARTER (NE¼) OF SECTION TWENTY–TWO (22), TOWNSHIP TWENTY–SEVEN (27), RANGE TWENTY–ONE (21), CHRISTIAN COUNTY, MISSOURI.

TRACT IV:

BEGINNING AT AN IRON PIN AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER (SE¼) OF THE NORTHEAST QUARTER (NE¼) OF SECTION TWENTY–TWO (22), TOWNSHIP TWENTY–SEVEN (27), RANGE TWENTY · ONE (21); THENCE ON A TRUE BEARING OF SOUTH 88°27' EAST A DISTANCE OF 326.12 FEET TO AN IRON PIN; THENCE SOUTH 0°49' WEST A DISTANCE OF 606.35 FEET TO AN IRON PIN; THENCE SOUTH 68°23' EAST A DISTANCE OF 601. 60 FEET TO AN IRON PIN IN THE CENTER OF A DRAINAGE DITCH; THENCE SOUTH 42°42' EAST ALONG THE DRAINAGE DITCH A DISTANCE OF 342.00 FEET TO AN IRON PIN IN THE CENTER OF SAID DRAINAGE DITCH; THENCE SOUTH 88°26½' EAST ALONG THE SOUTH PROPERTY LINE OF PROPERTY OF DONALD AND NANCY KISSEE (DESCRIBED IN BOOK 128 AT PAGE 270 OF THE COUNTY RECORDER'S OFFICE), A DISTANCE OF 132.40 FEET TO A CONCRETE MARKER, WITH A BRASS PLATE IN ITS TOP LYING IN THE WEST RIGHT · OF · WAY LINE OF HIGHWAY "NN" CONNECTION; THENCE SOUTHERLY ALONG THE WEST RIGHT · OF · WAY OF SAID HIGHWAY "NN" CONNECTION AND ALONG A CURVE HAVING A RADIUS OF 1860.08 FEET AND WHOSE TANGENT MAKES AN INTERIOR ANGLE OF 92°58' WITH THE LAST DESCRIBED COURSE, A DISTANCE OF 83.43 FEET TO A POINT OF TANGENT; THENCE SOUTH 1°10' WEST A DISTANCE OF 367.50 FEET; THENCE SOUTH 53°17' WEST A DISTANCE OF 113.78 FEET TO A POINT ON THE NORTH

RIGHT–OF–WAY LINE OF STATE HIGHWAY 14; THENCE WESTERLY ALONG THE NORTH

RIGHT–OF–WAY OF STATE HIGHWAY 14 AND ALONG A CURVE HAVING A RADIUS OF 1497.39 FEET AND WHOSE TANGENT MAKES AN INTERIOR ANGLE OF 130°43' WITH THE LAST DESCRIBED COURSE, A DISTANCE OF 315.29 FEET TO A POINT OF SPIRAL CURVE; THENCE CONTINUE WESTERLY ALONG THE SPIRAL CURVE A DISTANCE OF 255.67 FEET TO A POINT OF TANGENT WHOSE BEARING IS SOUTH 85°31' WEST; THENCE CONTINUING ALONG THE NORTH RIGHT · OF · WAY LINE OF SAID HIGHWAY "14", SOUTH 84°17' WEST A DISTANCE OF 229.50 FEET; THENCE SOUTH 85°31' WEST A DISTANCE OF 370.36 FEET TO AN IRON PIN ON THE NORTH

RIGHT–OF · WAY LINE OF SAID STATE HIGHWAY 14 AND THE WEST LINE OF THE NORTHEAST QUARTER (NE¼) OF THE SOUTHEAST QUARTER (SE¼) OF SAID SECTION TWENTY–TWO (22); THENCE NORTH 0°49' EAST A DISTANCE OF 1639.23 FEET TO THE PLACE OF BEGINNING, EXCEPT A TRACT IN THE SOUTHEAST CORNER DESCRIBED AS FOLLOWS; BEGINNING AT THE AFOREMENTIONED CONCRETE MARKER WITH A BRASS PLATE IN ITS TOP MARKING THE WEST RIGHT–OF–WAY LINE OF STATE HIGHWAY "NN" CONNECTION AND THE SOUTH LINE OF DONALD AND NANCY KISSEE PROPERTY (DESCRIBED IN BOOK 128 AT PAGE 270 OF THE COUNTY RECORDER'S OFFICE); THENCE SOUTHERLY ALONG THE WEST RIGHT–OF–WAY LINE OF SAID STATE HIGHWAY "NN" AND ALONG A CURVE HAVING A RADIUS OF 1860.08 FEET AND WHOSE TANGENT MAKES AN INTERIOR ANGLE WITH THE SOUTH LINE OF ABOVE KISSEE PROPERTY OF 92°58', A DISTANCE OF 83.43 FEET TO A POINT OF TANGENT; THENCE SOUTH 1°10' WEST A DISTANCE OF 181.79 FEET TO AN IRON PIN FOR A NEW POINT OF BEGINNING; THENCE FROM SAID NEW POINT OF BEGINNING CONTINUE SOUTH 1°10' WEST A DISTANCE OF 185.71 FEET; THENCE SOUTH 53°17' WEST A DISTANCE OF 113.78 FEET TO A POINT ON THE NORTH RIGHT–OF–WAY LINE OF STATE HIGHWAY 14; THENCE WESTERLY ALONG THE NORTH

RIGHT–OF–WAY LINE OF STATE HIGHWAY 14 AND ALONG A CURVE WHOSE RADIUS IS 1497.39 FEET AND WHOSE TANGENT MAKES AN INTERIOR ANGLE OF 130°43' WITH THE LAST DESCRIBED COURSE A DISTANCE OF 260.77 FEET TO AN IRON PIN; THENCE NORTH 1°10' EAST A DISTANCE OF 228.75 FEET TO AN IRON PIN; THENCE SOUTH 88°31' EAST ALONG THE EAST–WEST QUARTER SECTION LINE, A DISTANCE OF 348.54 FEET TO THE AFOREMENTIONED NEW POINT OF BEGINNING, ALL IN THE NORTHEAST QUARTER (NE¼) OF THE SOUTHEAST QUARTER (SE¼) OF SECTION TWENTY–TWO (22), TOWNSHIP TWENTY–SEVEN (27), RANGE TWENTY–ONE (21), CHRISTIAN COUNTY, MISSOURI, AND EXCEPT THAT PART DEEDED TO H. R. OWENS IN BOOK 147, AT PAGE 34.

TRACT V:

A PART OF THE SOUTHEAST QUARTER (SE¼) OF THE NORTHEAST QUARTER (NE¼) OF SECTION TWENTY–TWO (22), TOWNSHIP TWENTY–SEVEN (27), RANGE TWENTY–ONE (21), DESCRIBED AS FOLLOWS: BEGINNING AT A POINT 326.12 FEET EAST OF THE NORTHWEST CORNER OF SAID FORTY; THENCE SOUTH 0°49' WEST 392.82 FEET; THENCE SOUTH 88°22'50" EAST 75 FEET; THENCE IN A NORTHEASTERLY DIRECTION TO A POINT 125 FEET DUE EAST OF THE POINT OF BEGINNING; THENCE WEST 125 FEET TO THE POINT OF BEGINNING; ALL IN CHRISTIAN COUNTY, MISSOURI.

LOCATION SKETCH
SECTION 22
T 27 N, R 21 W
SCALE: 1"=2000'

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DRAWING INFO.	
FIELD BY:	JM
DRAWN BY:	SLM
CHECK BY:	JLH
DATE:	8–14–15
FIELD BOOK:	
JOB NUMBER:	80019–15

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SHEET NUMBER
2
OF 2