Maintenance Office Exterior Repairs

Kansas City Kansas Public Schools

2220 N. 59th Street
Kansas City, KS 66104

CONSTRUCTION DOCUMENTS

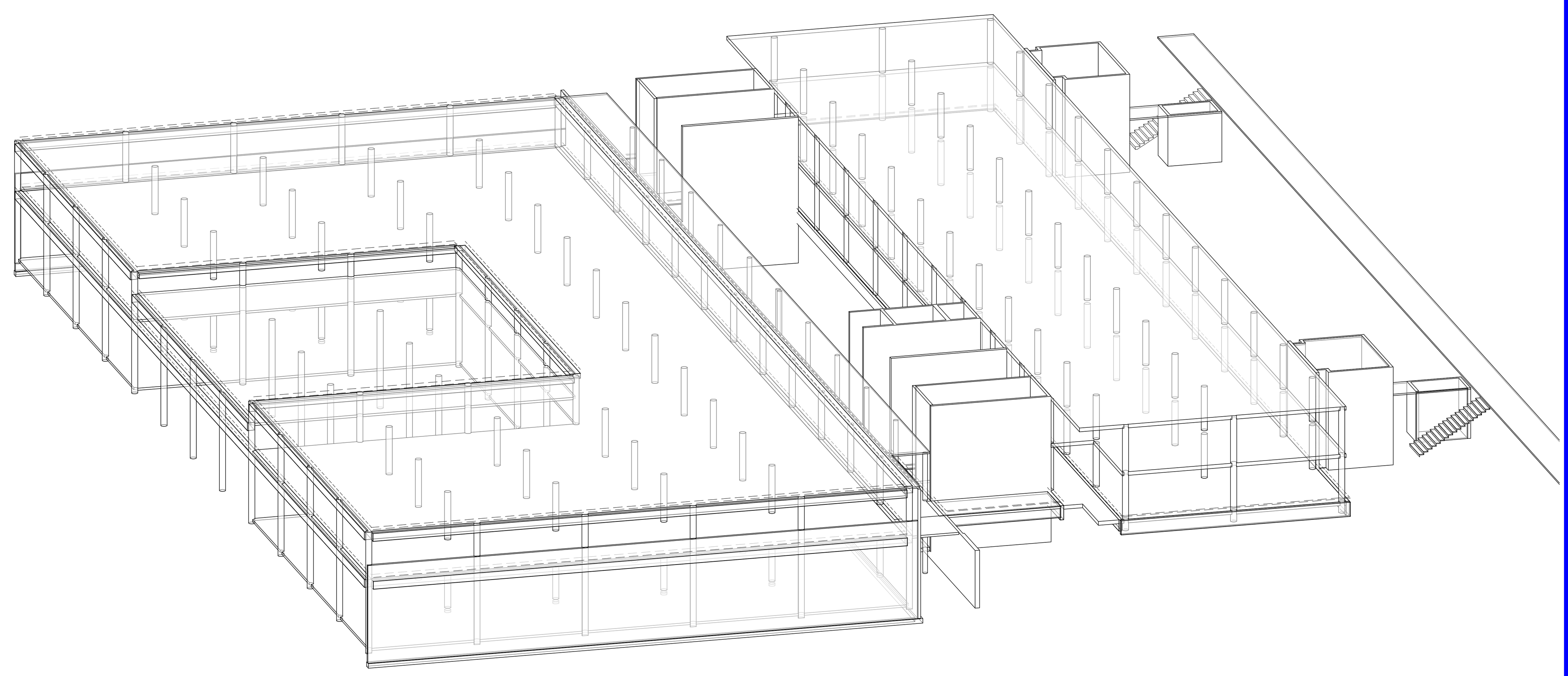
INDEX OF DRAWINGS

NOTES

1. ALL DIMENSIONS AND ELEVATIONS OF EXISTING BUILDING ARE BASED ON EXISTNG DRAWINGS AND ARE NOTED WITH ±. ALL DIMENSIONS AND ELEVATIONS ARE TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
2. PRIOR TO COMMENCEMENT OF REPAIRS, CONTRATOR TO CONDUCT FIELD INVESTIGATION OF OVERHEAD SURFACES, WALLS, AND COLUMNS TO MARK AND DOCUMENT EACH LOCATION AND EXTENT OF DELAMINATED, SPALLED, AND LOOSE CONCRETE AND ANY EXPOSED REINFORCING. OWNER AND ENGINEER OF RECORD WILL REVIEW WITH CONTRACTOR TO MAKE FINAL DETERMINATION OF WHAT TO REPAIR AND WHAT TO LEAVE IN PLACE FOR FUTURE WORK.

ALTERNATE

ALTERNATE #1: IN ADDITION TO PATCH AND REPAIR OF EXISTING PEDESTRIAN TRAFFIC COATING ON LEVEL 2 BETWEEN GRIDS C & D, APPLY PEDESTRIAN TRAFFIC COATING AT ALL REMAINING HORIZONTAL ELEVATED WALKWAY SURFACES; LEVEL 1, BETWEEN GRIDS E & F; LEVEL 1 ADJACENT TO STAIRS NEAR GRID 3 AND GRID 11; LEVEL 2, TWO AREAS WEST OF GRID A



STATEMENT OF RESPONSIBILITY

I HEREBY STATE THAT THE DRAWINGS INTENDED TO BE AUTHENTICATED BY MY SEAL ARE LIMITED TO THE FOLLOWING DRAWING SHEETS:

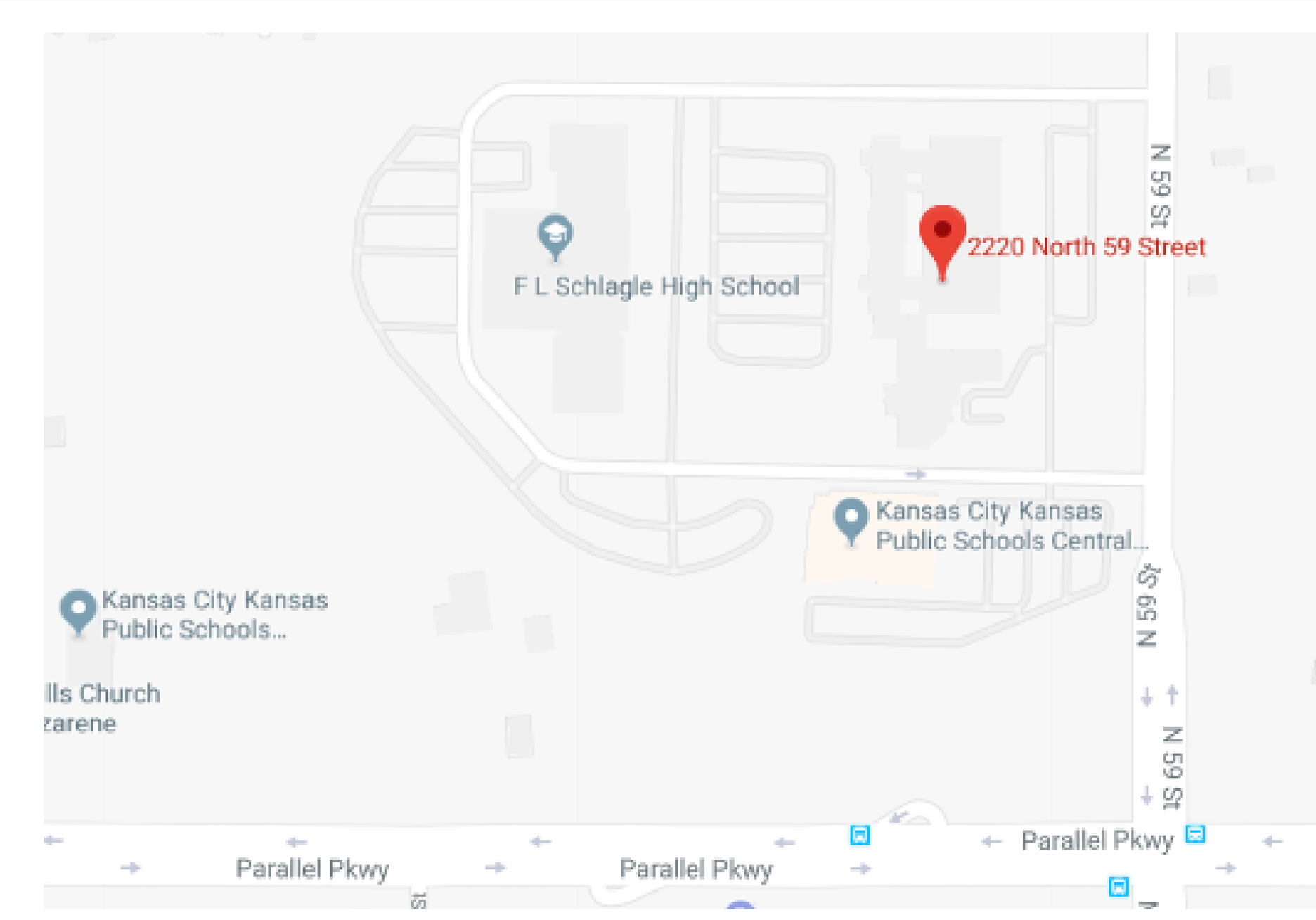
OCS, D00, D01, D02, D03, S01, S02, S03, S04, S05, S31, S32, S61, S62

I HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, ESTIMATES, REPORTS AND OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ENGINEERING PROJECT OR SURVEY.

MICHELLE A IWIG-HARMON LICENSED 26083 PROFESSIONAL ENGINEER KANSAS

ENGINEER ______ Michelle A Iwig-Harmon 9/10/19 ______ DATE

VICINITY MAP



DESIGN TEAM

STRUCTURAL ENGINEERS:
Hollis + Miller Architects
1828 Walnut Street Ste 922
Kansas City, MO 64108
CONTACT: Michelle Iwig-Harmon
PHONE: (816) 442-7700
FAX: (816) 599-2545

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Hollis + Miller Architects
Kansas State Certificate of Authority
Architecture # A-198
Structure # E-1334

Construction Documents

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Kansas City Kansas Public Schools
2220 N. 59th Street
Kansas City, KS 66104

REVISIONS:

#	Description	Date

MICHELLE A IWIG-HARMON LICENSED 26083 PROFESSIONAL ENGINEER KANSAS — Michelle A Iwig-Harmon 9/10/19

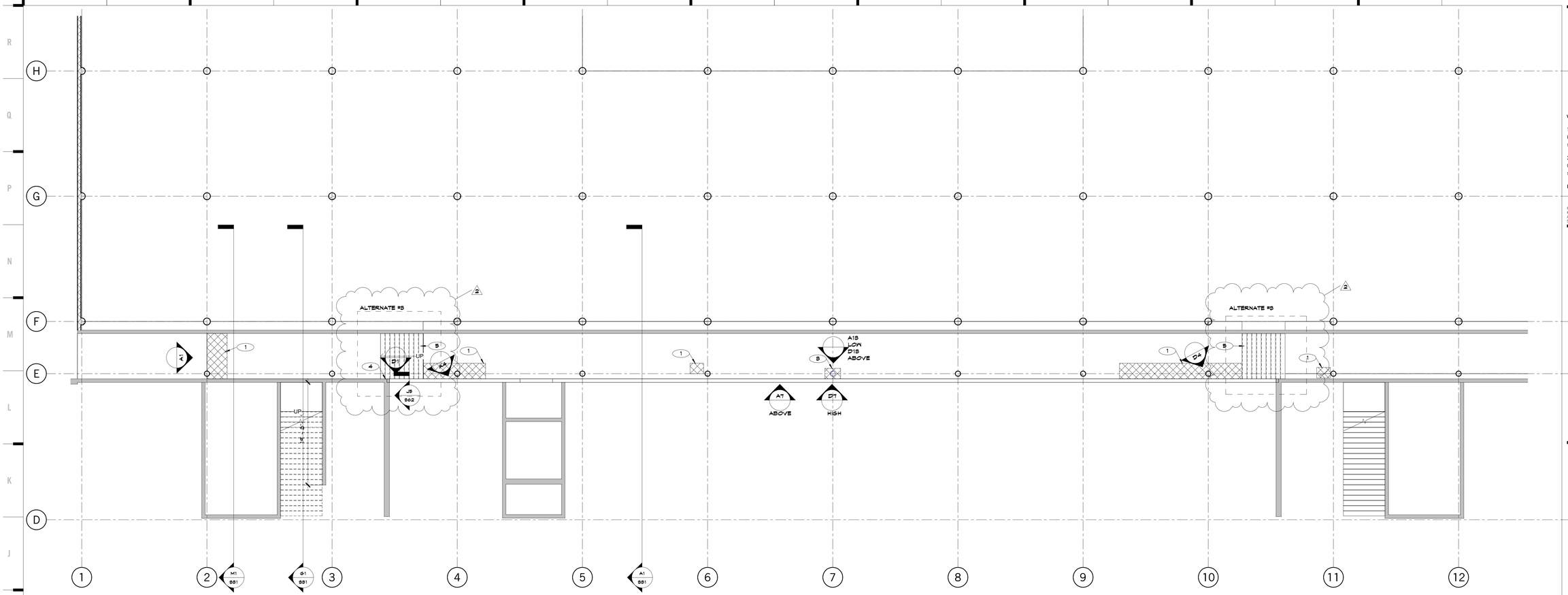
The Professional Engineers seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this engineer, and this engineer expressly disclaims any and all responsibility for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

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

OCS

COVER SHEET

9/24/2019 11:46:13 AM



H1 — Level 0 - East

Scale: 1/8" = 1'-0"

NORTH

D1 — Handrail Attachment

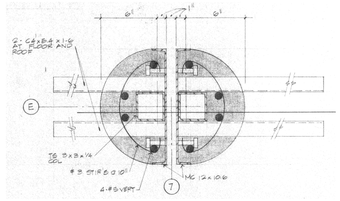
Scale: No Scale

D4 — Slab on Grade

Scale: No Scale

D7 — Bottom of Elevated Walkway

Scale: No Scale



D10 — Existing Column Detail

Scale: No Scale

D13 — Column @ Exp JT High

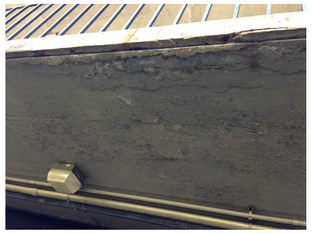
Scale: No Scale

A1 — Slab on Grade

Scale: No Scale

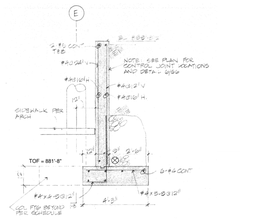
A4 — Slab on Grade

Scale: No Scale



A7 — Bottom of Elevated Walkway

Scale: No Scale



A10 — Existing Foundation Section

Scale: No Scale

A13 — Column @ Exp JT Low

Scale: No Scale

REFERENCE NOTES

1. REMOVE BROKEN AND LOOSE CONCRETE. PROTECT EXISTING REBAR. CLEAN EXPOSED REBAR TO REMOVE RUST AND SCALE. HATCHED AREAS ARE REPRESENTATIVE OF DAMAGE ONLY AND ARE NOT EXHAUSTIVE.
2. REMOVE GUARDRAIL/ HANDRAIL IN ITS ENTIRETY. CORE CONCRETE TO REMOVE EMBEDDED PORTION. REMOVE ALL DELAMINATED, SPALLED AND LOOSE CONCRETE. PROTECT EXISTING REBAR.
3. REMOVE EXISTING CONCRETE AND STEEL COLUMN DOWN TO TOP OF FOOTING. SEE A10/D00. REMOVE ENOUGH SLAB ON GRADE TO ALLOW PLACEMENT OF NEW COLUMNS. REMOVE PORTION OF ELEVATED SLAB AND ROOF TO TAKE OUT ALL EMBEDDED STRUCTURAL STEEL SHOWN IN D10/D00. PROTECT EXISTING COLUMN DOWELS IN FOOTING FOR POTENTIAL RE-USE. PROTECT SLAB AND ROOF REINFORCEMENT.
4. REMOVE BROKEN HANDRAIL
5. REMOVE ON-GRADE STAIRS AND 2'-0" OF SIDEWALK AT TOP AND BOTTOM. ALTERNATE #3
6. REMOVE RUST AND SCALE FROM EXPOSED STEEL ANGLE
7. AT BOTTOM, EDGE AND TOP OF ELEVATED WALKWAY. REMOVE ALL ALL DELAMINATED, SPALLED AND LOOSE CONCRETE. PROTECT EXISTING REBAR. CLEAN EXPOSED REBAR TO REMOVE RUST AND SCALE. INCLUDE AREA OF DELAMINATED, SPALLED AND LOOSE CONCRETE REMOVAL OF 2'-0" WIDE X LENGTH OF GUARDRAIL
8. REMOVE GUARDRAIL/ HANDRAIL IN ITS ENTIRETY. REMOVE CORRODED STEEL CHANNEL OVER TO GRID 1B. PROTECT PRECAST CONCRETE PLANK.
9. REMOVE ELEVATED STAIR FROM LEVEL 1 TO LEVEL 2 IN ITS ENTIRETY. REMOVE BEAM INDICATED AT LEVEL 2. REMOVE PORTION OF WALL EACH SIDE AT LEVEL 1 AND 2 TO ALLOW FOR BEAM POCKETS. PROTECT WALL REINFORCEMENT
10. DAMAGE IN THIS AREA AT RISK OF EXCEEDING REPAIR OPTIONS. PROVIDE ALLOWANCE TO INCLUDE FULL REMOVAL AND REPLACEMENT OF APPROXIMATELY 240 SQUARE FEET OF ELEVATED SLAB.
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12. REMOVE ELEVATED WALKWAY, GUARDRAIL AND 2'-0" ± OF SUPPORT WALLS DOWN TO COLD JOINT SHOWN IN D1/D03
13. PROTECT EXISTING CONCRETE SEATS
14. REMOVE PEDESTRIAN TRAFFIC COATING TO EXPOSE EXISTING CONCRETE. REMOVE ALL DELAMINATED, SPALLED, LOOSE CONCRETE. CLEAN ANY EXPOSED REBAR TO REMOVE RUST AND SCALE
15. REMOVE SIDEWALK TO BACK OF CURB AND TO 2'-0" PAST STAIR WIDTH ON EACH SIDE

PLAN NOTES

A. CLEAN ALL EXPOSED REBAR TO REMOVE RUST AND SCALE
B. AT SLAB-ON-GRADE LEVEL, INCLUDE 250 SQUARE FEET OF DEMOLITION IN BASE BID IN ADDITION TO AREAS INDICATED ON DRAWINGS
C. AT TOP AND BOTTOM SURFACES OF ELEVATED WALKWAYS AND AT BOTTOM OF ROOF SLABS, INCLUDE 2000 SQUARE FEET TOTAL OF DEMOLITION OF DELAMINATED, SPALLED AND LOOSE CONCRETE IN BASE BID IN ADDITION TO AREAS INDICATED ON DRAWINGS

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Kansas State Certificate of Authority
Architecture # A-736
Structure # E-1,934

Construction Documents

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REVISIONS:

#	Description	Date
1	Addendum #2	09.23.2019

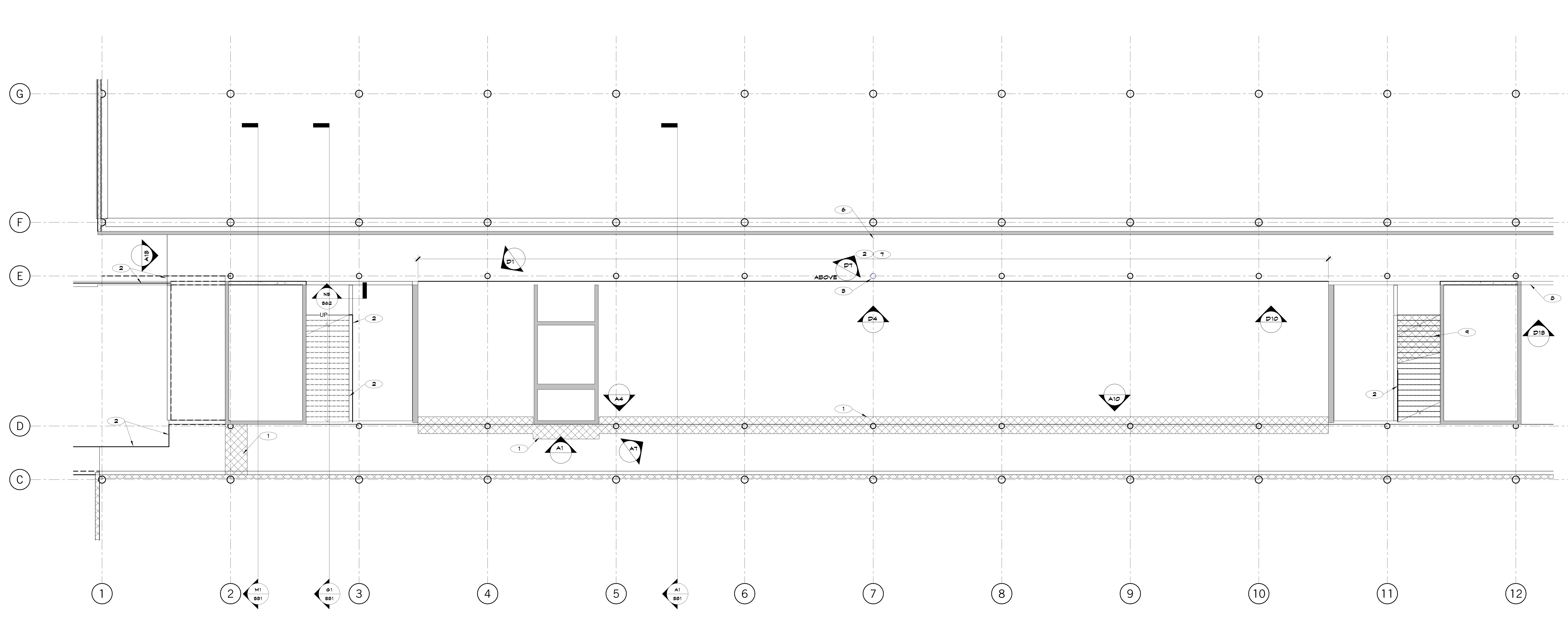
MICHELLE A IWIG-HARMON
LICENSED
26083
PROFESSIONAL ENGINEER
9/16/19

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

D00

LEVEL 0 - EAST

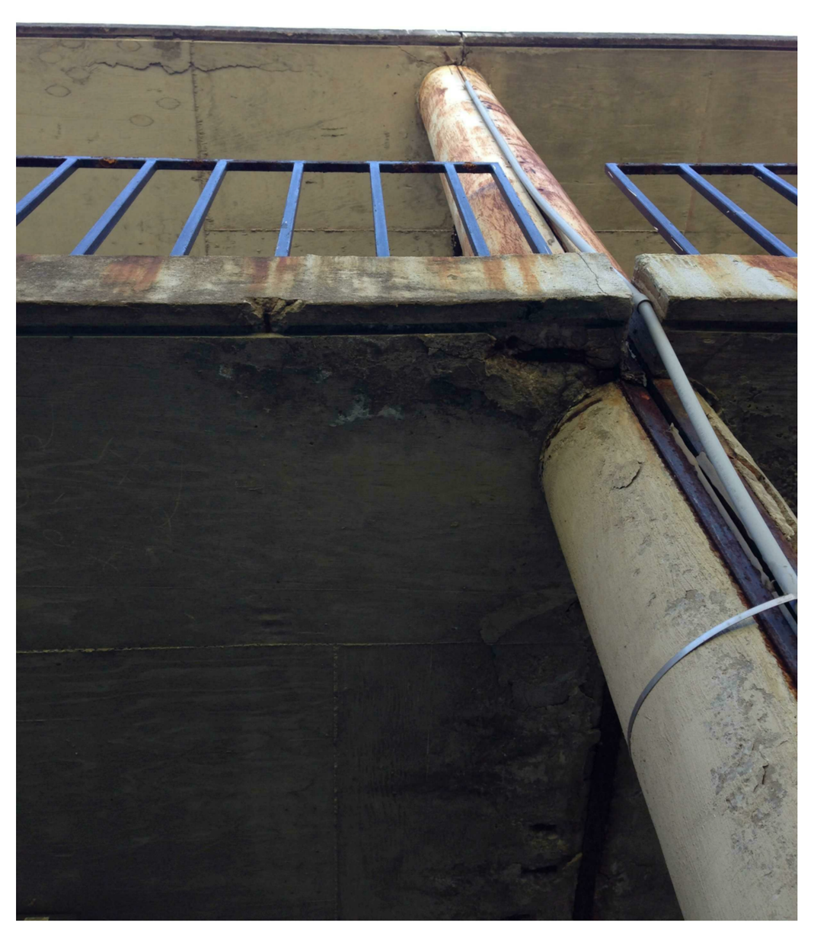
9/24/2019 11:40:14 AM



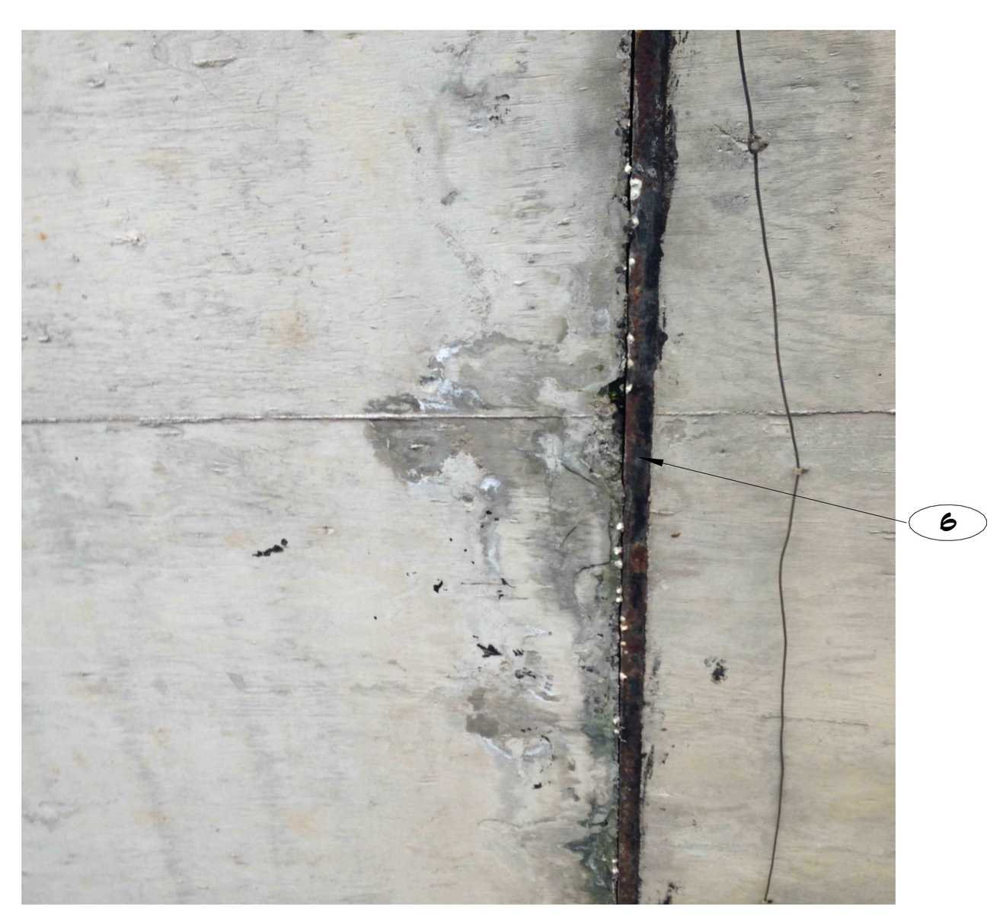
H1 Scale 1/8" = 1'-0" Level 1 - West

NORTH

D1 Scale No Scale Concrete Column



D4 Scale No Scale Column @ Expansion JT



D7 Scale No Scale Bottom of Roof Slab @ Exp JT

D10 Scale No Scale Elevated Walkway & Guardrail

D13 Scale No Scale Elevated Walkway & Guardrail

A1 Scale No Scale Slab on Grade

A4 Scale No Scale Edge of Slab @ Grade Beam

A7 Scale No Scale Slab on Grade

A10 Scale No Scale Slab on Grade

A13 Scale No Scale Elevated Walkway & Guardrail

REFERENCE NOTES

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8. REMOVE GUARDRAIL/ HANDRAIL IN ITS ENTIRETY. REMOVE CORRODED STEEL CHANNEL OVER TO GRID 13. PROTECT PRECAST CONCRETE PLANK.
9. REMOVE ELEVATED STAIR FROM LEVEL 1 TO LEVEL 2 IN IT'S ENTIRETY. REMOVE BEAM INDICATED AT LEVEL 2. REMOVE PORTION OF WALL EACH SIDE AT LEVEL 1 AND 2 TO ALLOW FOR BEAM POCKETS. PROTECT WALL REINFORCEMENT
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Structure # E-1334

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Kansas City, KS 66104

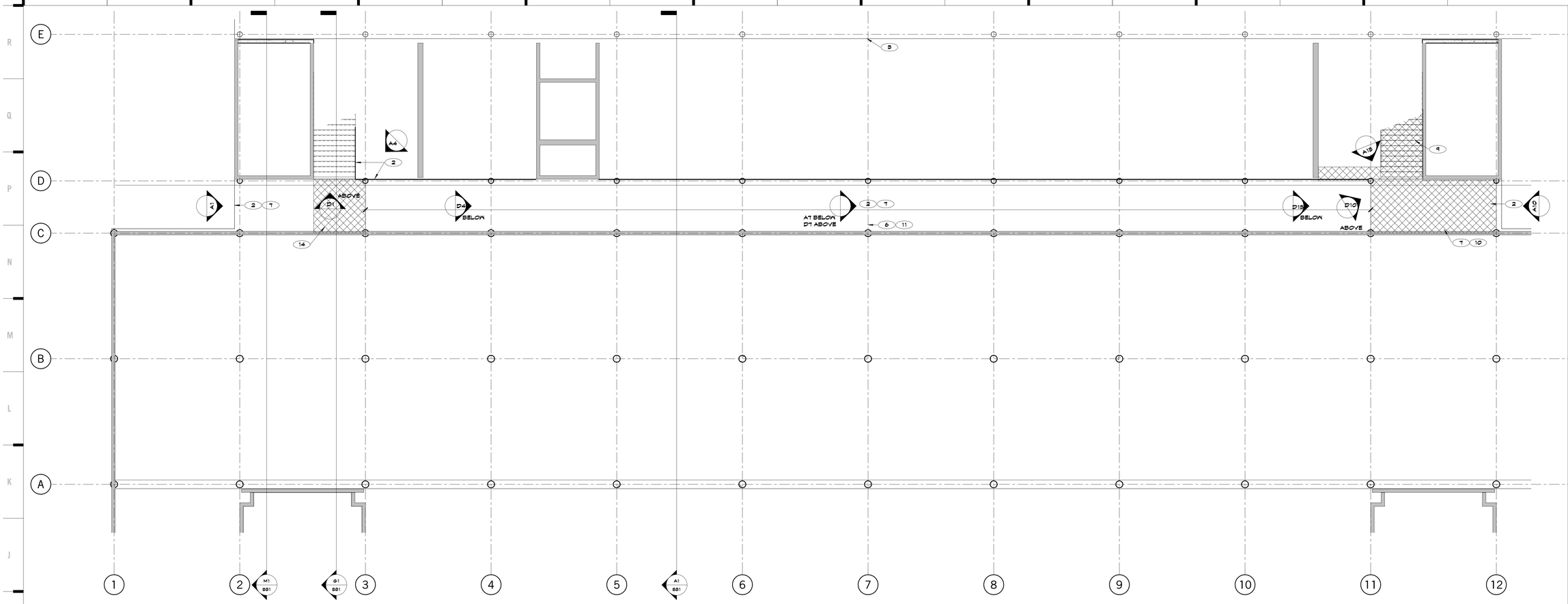
REVISIONS:

#	Description	Date
2	Addendum #2	09.23.2019

MICHELLE A IWIG-HARMON LICENSED 26083 PROFESSIONAL ENGINEER KANSAS 9/10/19

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

D01



H1 Scale 1/8" = 1'-0" — Level 2 - West

NORTH

D1 Scale No Scale — Top of Elevated Walkway

D4 Scale No Scale — Bottom of Elevated Walkway

D7 Scale No Scale — Top of Elevated Walkway Exp JT

D10 Scale No Scale — Top of Elevated Walkway

D13 Scale No Scale — Bottom of Elevated Walkway

A1 Scale No Scale — Elevated Walkway & Guardrail

A4 Scale No Scale — Elevated Stair & Guardrail

A7 Scale No Scale — Bot of Elevated Walkway Exp JT

A10 Scale No Scale — Elevated Walkway & Guardrail

A13 Scale No Scale — Elevated Stair & Guardrail

REFERENCE NOTES

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26083
STATE OF KANSAS
9/10/19

JOB NO: 18002.00
DRAWN BY: TJS
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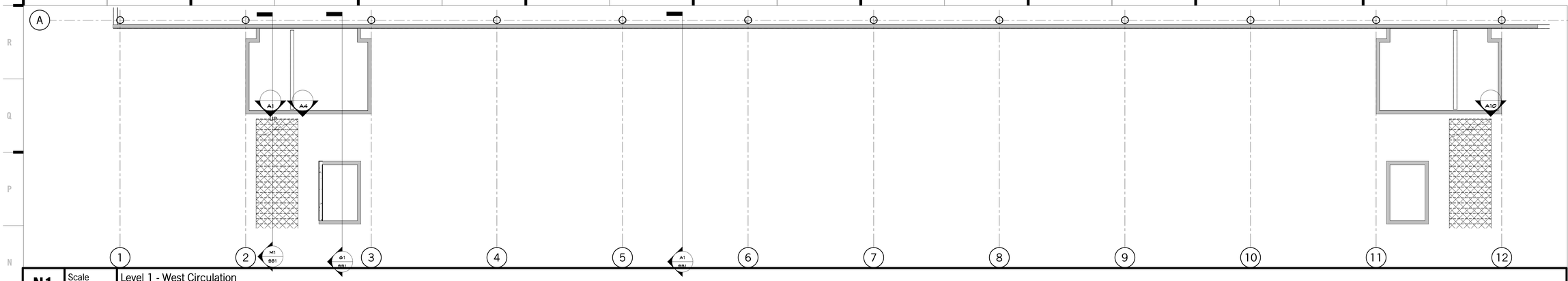
DATE: 09.10.2019

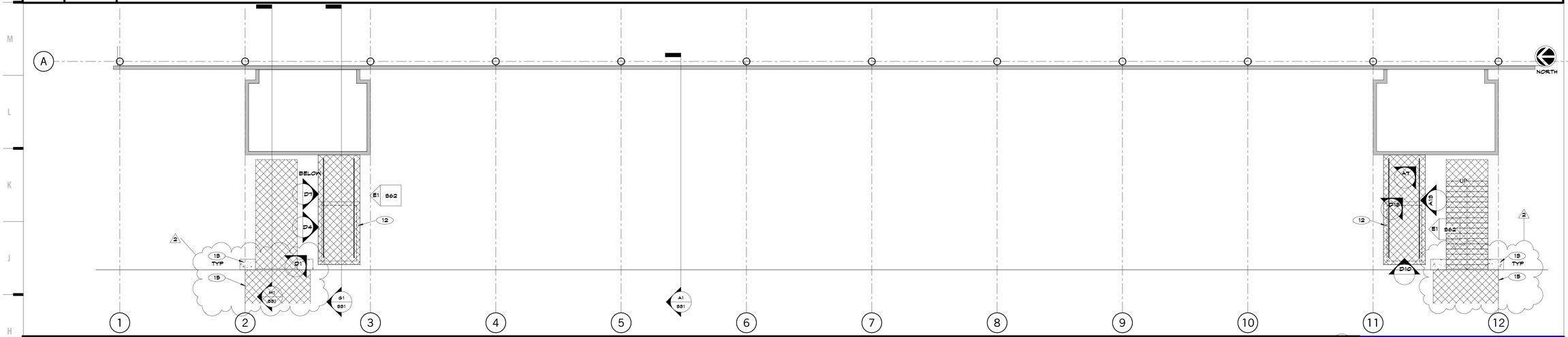
D02

LEVEL 2 - WEST

9/24/2019 1:40:16 AM



N1 Scale 1/8" = 1'-0" — Level 1 - West Circulation



H1 Scale 1/8" = 1'-0" — Level 2 - West Circulation

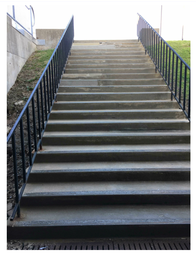
D1 Scale No Scale — Pedestrian Bridge

D4 Scale No Scale — Pedestrian Bridge Guardrail Post

D7 Scale No Scale — Bottom of Pedestrian Bridge

D10 Scale No Scale — Pedestrian Bridge

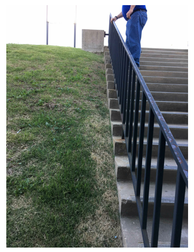
D13 Scale No Scale — Top of Pedestrian Bridge



A1 Scale No Scale — Existing Stair on Grade

A4 Scale No Scale — Existing Stair & Bridge

A7 Scale No Scale



A10 Scale No Scale — Existing Stair on Grade

A13 Scale No Scale — Pedestrian Bridge & Guardrail

REFERENCE NOTES

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Kansas State Certificate of Authority
Architecture # A-708
Structure # E-1,934

Construction Documents

Maintenance Office Exterior Repairs

Kansas City Kansas Public Schools

2220 N. 59th Street
Kansas City, KS 66104

REVISIONS:

#	Description	Date
1	Addendum #2	09.25.2019

MICHELLE A IWIG-HARMON
LICENSED
26083
STATE OF KANSAS
9/10/19

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

D03

LEVEL 1 & 2 WEST CIRCULATION

9/24/2019 11:40:17 AM

A. Building Code

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

B. Design Loads

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. Total service roof dead load: 125 psf.
   b. Total service floor dead load: 120 psf.

3. Live Loads
   a. Code Loads
      1. Roof 30 psf
      2. Floor 100psf
      3. Corridors, Stairs and Exits 100 psf
   b. Live load reduction has not been utilized.

4. Snow - The snow load is in accordance with ASCE 7-10 with the following criteria:
   a. Ground snow load pg=20 psf
   b. Flat snow load pf=14 psf
   c. Exposure Factor Ce=0.9
   d. Importance Factor Is=1.10
   e. Thermal Factor Ct=1.0

C. Foundations

1. Spread Footings, and Grade Beams
   a. All shallow foundations have been designed to bear on undisturbed soil or engineered fill for an assumed net allowable bearing pressure of 3500 psf as indicated on existing drawings

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

D. Concrete

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

2. Strength - All areas shall have a minimum 28 day compressive strength: 4500 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. Epoxy coated reinforcing ASTM A615, Grade 60
   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. Epoxy Coated Welded Wire Reinforcing ASTM A884
      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 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"
      2. Beams and columns 1 ½"

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. After exposure of existing reinforcing, contact Engineer of Record for evaluation of viability. At a minimum, all reinforcing with 20% or more loss of area to be replaced or supplemented with new reinforcing.

E. 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

2. Grade
   a. Channels, angles and plates ASTM A36
   b. Connection material ASTM A36

3. Thermal cutting is not allowed in the field.

F. Post Installed Anchors

1. All post installed anchors shall be installed per the manufacturers recommendations.
   a. 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.

2. All anchors shall be stainless steel.

G. 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 drawings shall be brought to the attention of the 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 (SSD's) and Requests for Information (RFI's).
   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 Engineer, 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 Structural Engineer review. Shop drawings not bearing the Contractor's review stamp will be returned without review.
   d. Submittals - Provide the following submittals for review:
      1. Concrete Mix Design and Materials
      2. Concrete Reinforcing
      3. Embedded Items (plates, angles, etc.)
      4. Shoring
      5. Guardrails/Handrails
   e. Substitutions are allowed prior to bid only. Reference the specifications for timing of submission

H. 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 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 general 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. Verification of use of required design mixture
   d. Concrete placement technique
   e. Sampling of fresh concrete
   f. Curing procedures and maintenance of curing temperature

7. Steel
   a. Periodic
      1. Single-pass fillet welds not exceeding 5/16 inch in size.
      2. Welding of railing systems
      3. High strength bolts
   b. Continuous
      1. All other welding not covered in periodic inspections.

8. Post Installed Anchors

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	
db	bar diameter
DBA	deformed bar anchor
DTL	detail
DIA	diameter
DIM	dimension
DL	dead load
DN	down
DWG	drawing
DWL	dowel
E	
EL	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
LL	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
MN	minimum
MIR	mirror
MISC	miscellaneous
N	
NIC	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
PTL	point load
R	
R	radius
RE	reference
REINF	reinforcement or reinforcing
REQD	required
REV	revision
RTU	roof top unit
S	
SL	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	distributed load
W/	with
WL	wind load
WP	work point
WT	weight
WWR	welded wire reinforcing
Y	
YD	cubic yard

SCHEDULE NOTES

BASE PLATE DETAILS PER E13/S500

ANCHOR ROD DETAILS PER A13/S500

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Kansas State Certificate of Authority
Architecture # A-736
Structure # E-1-334

Construction Documents

Maintenance Office Exterior Repairs

Kansas City Kansas Public Schools

2220 N. 59th Street
Kansas City, KS 66104

REVISIONS:

#	Description	Date

MICHELLE A. IWIG-HARMON
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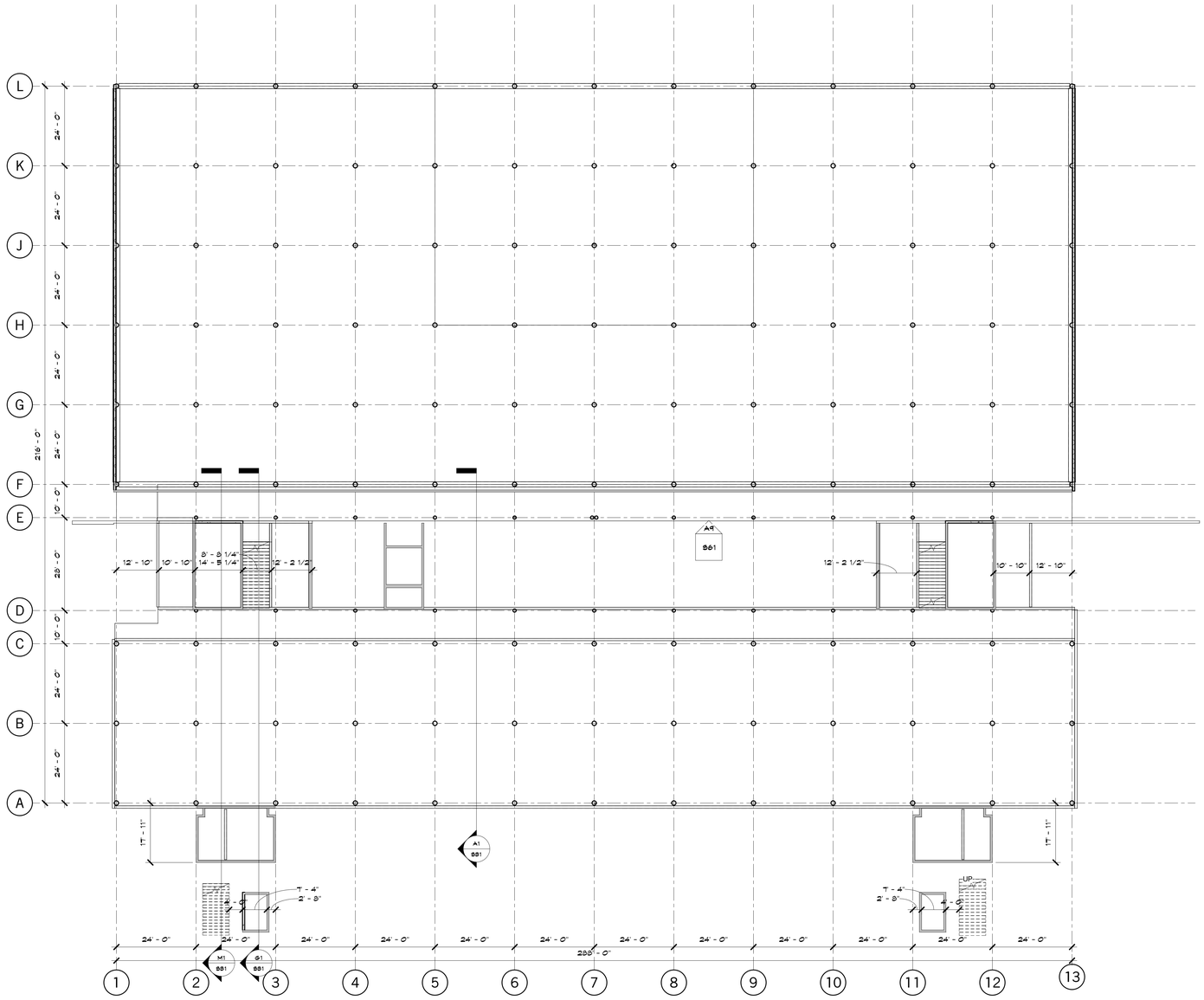
26083
STRUCTURAL ENGINEER
9/10/19

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

S01

GENERAL NOTES

9/24/2019 11:40:18 AM



A1 | Scale 1/16" = 1'-0" | Level 1 Overall Dimension Plan

NORTH

PLAN NOTES

A ALL DIMENSIONS SHOWN ARE BASED ON EXISTING DRAWING INFORMATION. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO ANY OTHER WORK

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Architecture # A-706
Structure # E-1,934

Construction Documents

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MICHELLE A IMIG HARMON
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26083
KANSAS
9/10/19

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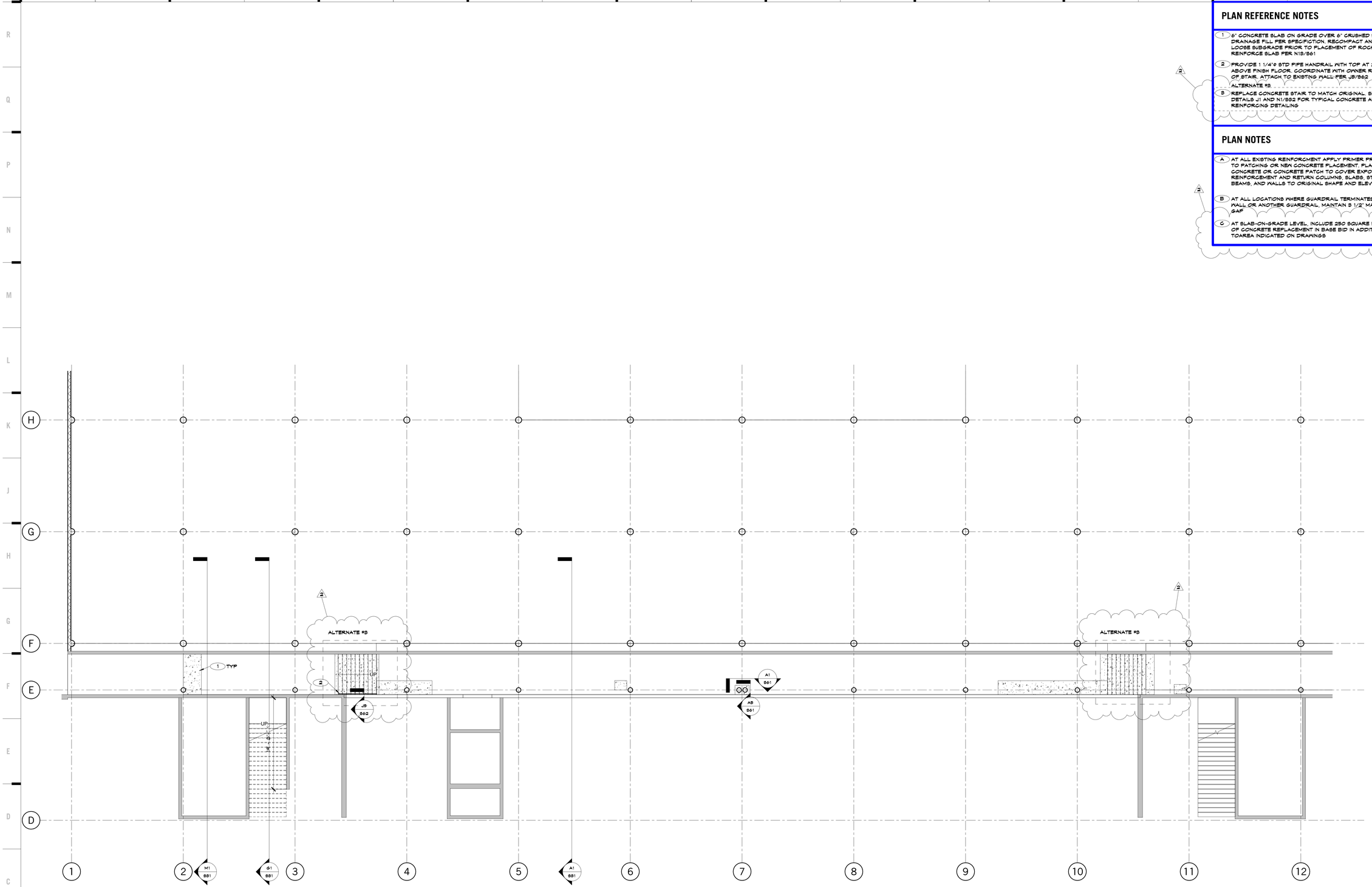
S02

OVERALL PLAN

9/24/2019 11:40:18 AM



PLAN REFERENCE NOTES

1. 6" CONCRETE SLAB ON GRADE OVER 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICTION. RECOMPACT ANY LOOSE SUBGRADE PRIOR TO PLACEMENT OF ROCK. REINFORCE SLAB PER N1.8/S6.1
2. PROVIDE 1 1/4"ø STD PIPE HANDRAIL WITH TOP AT 2'-10" ABOVE FINISH FLOOR. COORDINATE WITH OWNER REPAIR OF STAIR. ATTACH TO EXISTING WALL PER J8/S6.2
   ALTERNATE #3
5. REPLACE CONCRETE STAIR TO MATCH ORIGINAL. SEE DETAILS J1 AND N1.3/S3.2 FOR TYPICAL CONCRETE AND REINFORCING DETAILING

PLAN NOTES

A. AT ALL EXISTING REINFORCMENT APPLY PRIMER PRIOR TO PATCHING OR NEW CONCRETE PLACEMENT. PLACE CONCRETE OR CONCRETE PATCH TO COVER EXPOSED REINFORCEMENT AND RETURN COLUMNS, SLABS, STAIRS, BEAMS, AND WALLS TO ORIGINAL SHAPE AND ELEVATION

B. AT ALL LOCATIONS WHERE GUARDRAIL TERMINATES AT A WALL OR ANOTHER GUARDRAIL, MAINTAIN 3 1/2" MAX GAP

C. AT SLAB-ON-GRADE LEVEL, INCLUDE 250 SQUARE FEET OF CONCRETE REPLACEMENT IN BASE BID IN ADDITION TO AREA INDICATED ON DRAWINGS

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2	Addendum #2	09.25.2019

MICHELLE A. IWIG-HARMON LICENSED 26083 STATE OF KANSAS
9/10/19

JOB NO: 18002.00
DRAWN BY: Author
CHECKED BY: Checker
DATE: 09.10.2019

S03

A1 | Scale 1/8" = 1'-0" | Level 0 - East

NORTH

LEVEL 0 - EAST

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PLAN REFERENCE NOTES

1. 6" CONCRETE SLAB ON GRADE OVER 6" CRUSHED ROCK DRAINAGE FILL PER SPECIFICTION. RECOMPACT ANY LOOSE SUBGRADE PRIOR TO PLACEMENT OF ROCK. REINFORCE SLAB PER N13/S61. MAINTAIN POSITIVE DRAINAGE TOWARDS COURTYARD
2. ROUGHEN ANY SMOOTH CONCRETE SUBSTRATE. APPLY BONDING AGENT TO EXPOSED CONCRETE SURFACE. PLACE CONCRETE TO ORIGINAL ELEVATION AND SHAPE. REPLACE GUARDRAIL/HANDRAIL AT EXISTING CONCRETE. LOCATE VERTICAL POSTS AT NEW LOCATIONS WHEREVER POSSIBLE TO AVOID ATTACHING INTO PATCHED AREAS.

ALTERNATE #2

3. PROVIDE GUARDRAIL ALONG GRID D BETWEEN COLUMNS. SEE A4/S61 FOR GUARDRAIL TYPE. ATTACH BASES OF VERTICALS PER N1/S82

PLAN NOTES

A. AT ALL EXISTING REINFORCMENT APPLY PRIMER PRIOR TO PATCHING OR NEW CONCRETE PLACEMENT. PLACE CONCRETE OR CONCRETE PATCH TO COVER EXPOSED REINFORCEMENT AND RETURN COLUMNS, SLABS, STAIRS, BEAMS, AND WALLS TO ORIGINAL SHAPE AND ELEVATION

B. AT ALL LOCATIONS WHERE GUARDRAIL TERMINATES AT A WALL OR ANOTHER GUARDRAIL, MAINTAIN 3 1/2" MAX GAP.

C. AT TOP AND BOTTOM SURFACES OF ELEVATED WALKWAYS AND AT BOTTOM OF ROOF SLABS, INCLUDE 2000 SQUARE FEET TOTAL OF CONCRETE PATCHING IN BASE BID IN ADDITION TO AREAS INDICATED ON DRAWINGS

ALTERNATE #2

RAMP

UP

TYP

SIM

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DATE: 09.10.2019

S04

A1 Scale 1/8" = 1'-0"

Level 1

LEVEL 1

NORTH

9/24/2019 11:40:19 AM

PLAN NOTES

- (A) AT ALL EXISTING REINFORCMENT APPLY PRIMER PRIOR TO PATCHING OR NEW CONCRETE PLACEMENT. PLACE CONCRETE OR CONCRETE PATCH TO COVER EXPOSED REINFORCEMENT AND RETURN COLUMNS, SLABS, STAIRS, BEAMS, AND WALLS TO ORIGINAL SHAPE AND ELEVATION
- (B) AT ALL LOCATIONS WHERE GUARDRAIL TERMINATES AT A WALL OR ANOTHER GUARDRAIL, MAINTAIN 3 1/2" MAX GAP
- (C) AT SLAB-ON-GRADE LEVEL, INCLUDE 250 SQUARE FEET OF CONCRETE REPLACEMENT IN BASE BID IN ADDITION TO AREA INDICATED ON DRAWINGS
- (D) REPAIR PEDESTRIAN TRAFFIC COATING TO COVER NEW WORK AND OVERLAP WITH EXISTING COATING ON ELEVATED WALKWAY BETWEEN GRIDS G-1 & D THIS LEVEL ONLY.

PLAN REFERENCE NOTES

- (1) PATCH AND REPAIR ROOFING MATERIAL PER TREMCO REQUIREMENTS
- (2) ROUGHEN ANY SMOOTH CONCRETE SUBSTRATE. APPLY BONDING AGENT TO EXPOSED CONCRETE SURFACE. PLACE CONCRETE TO ORIGINAL ELEVATION AND SHAPE. REPLACE GUARDRAIL/HANDRAIL. AT EXISTING CONCRETE, LOCATE VERTICAL POSTS AT NEW LOCATIONS WHEREVER POSSIBLE TO AVOID ATTACHING INTO PATCHED AREAS
- (3) 4" CONCRETE SIDEWALK OVER COMPACTED SUBGRADE TO REPLACE ANY DAMAGED OR REMOVED DURING DEMO. REINFORCE SLAB PER N13/S61
- (4) NEW GUARDRAIL/HANDRAIL
- (5) EXTEND CONCRETE BEAM IN E1/S32 TO WALL FOR SUPPORT
- (6) SLOPE TOP OF CONCRETE DOWN TO MATCH EXISTING SLAB ELEVATION AT WEST EDGE
- (7) SLOPE TOP OF CONCRETE 1/2" FROM CENTER TO NORTH AND SOUTH EDGES

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ARCHITECT
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09/10/19

JOB NO: 18002.00
DRAWN BY: Author
CHECKED BY: Checker
DATE: 09.10.2019

S05

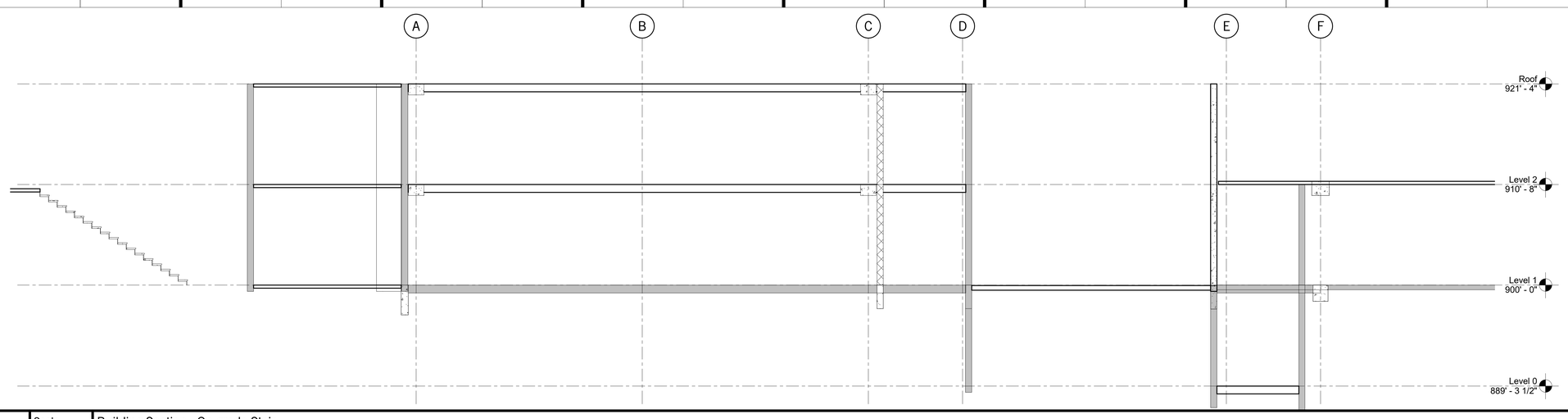
LEVEL 2

A1 Scale 1/8" = 1'-0"

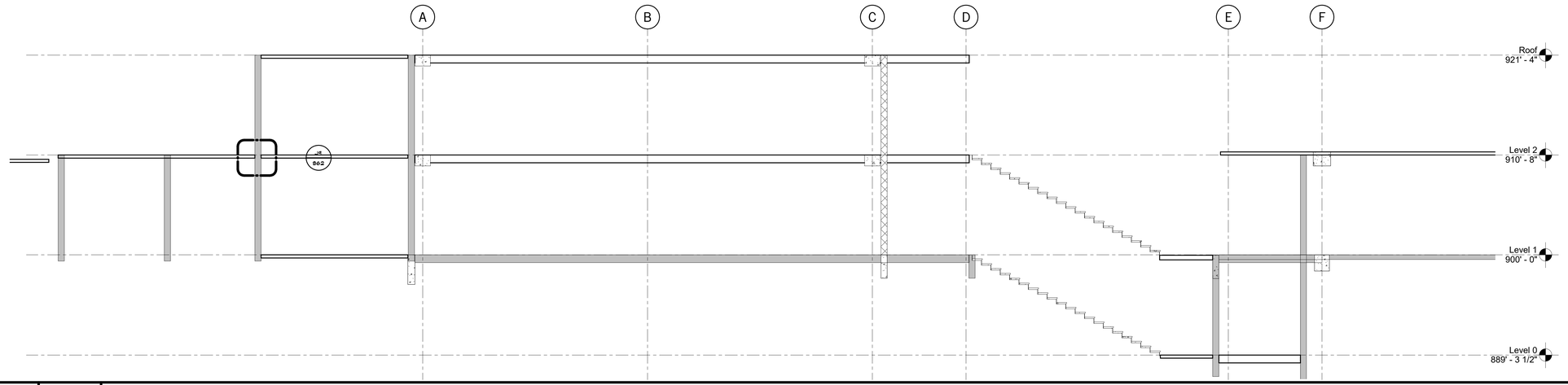
Level 2

NORTH

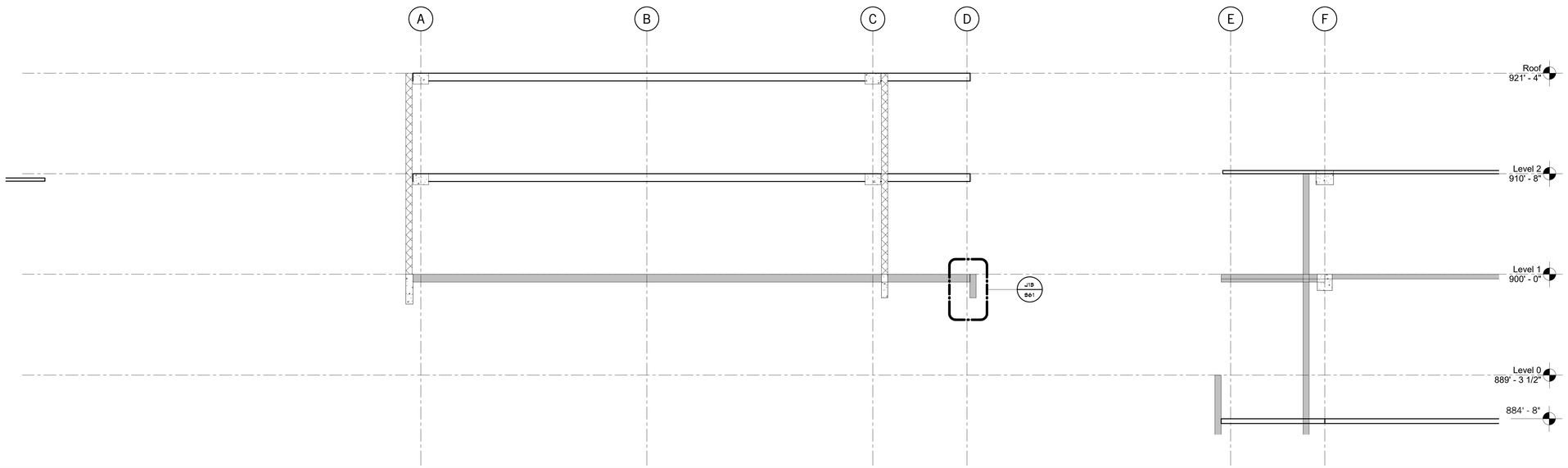
9/24/2019 11:40:19 AM



M1 Scale 3/16" = 1'-0" — Building Section - On grade Stair



G1 Scale 3/16" = 1'-0" — Building Section - Stair Tower



A1 Scale 3/16" = 1'-0" — Building Section -

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Structure # E-1,934

Construction Documents

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Kansas City Kansas Public Schools
2220 N. 59th Street
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REVISIONS:

#	Description	Date

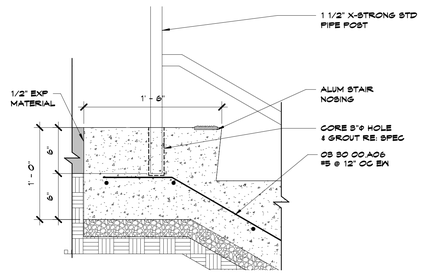
MICHELLE A IWIG-HARMON LICENSED 26083 PROFESSIONAL ENGINEER STATE OF KANSAS
9/10/19

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

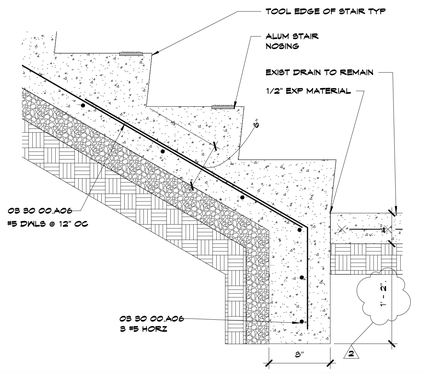
S31

BUILDING SECTIONS

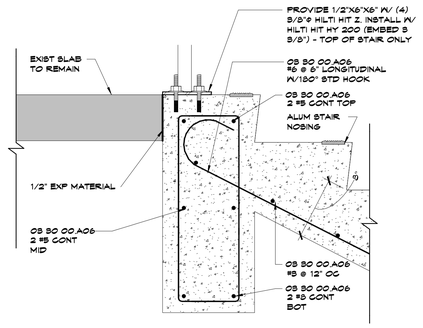
9/24/2019 11:40:20 AM



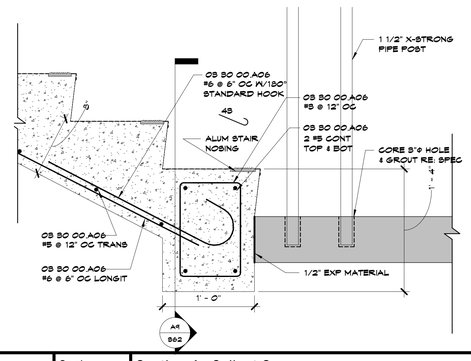
N1 | Scale 1 1/2" = 1'-0" | Section 3 - Callout 1



J1 | Scale 1 1/2" = 1'-0" | Section 3 - Callout 2



E1 | Scale 1 1/2" = 1'-0" | Section 4 - Callout 1



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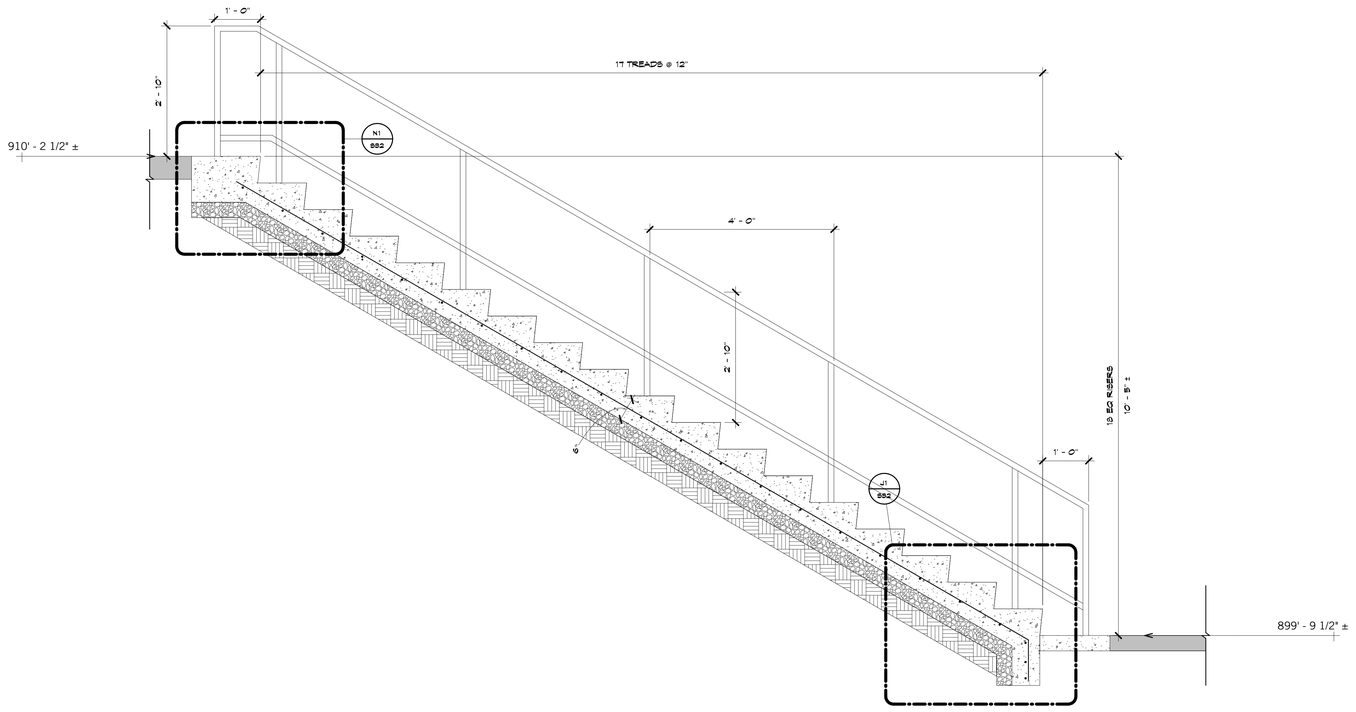
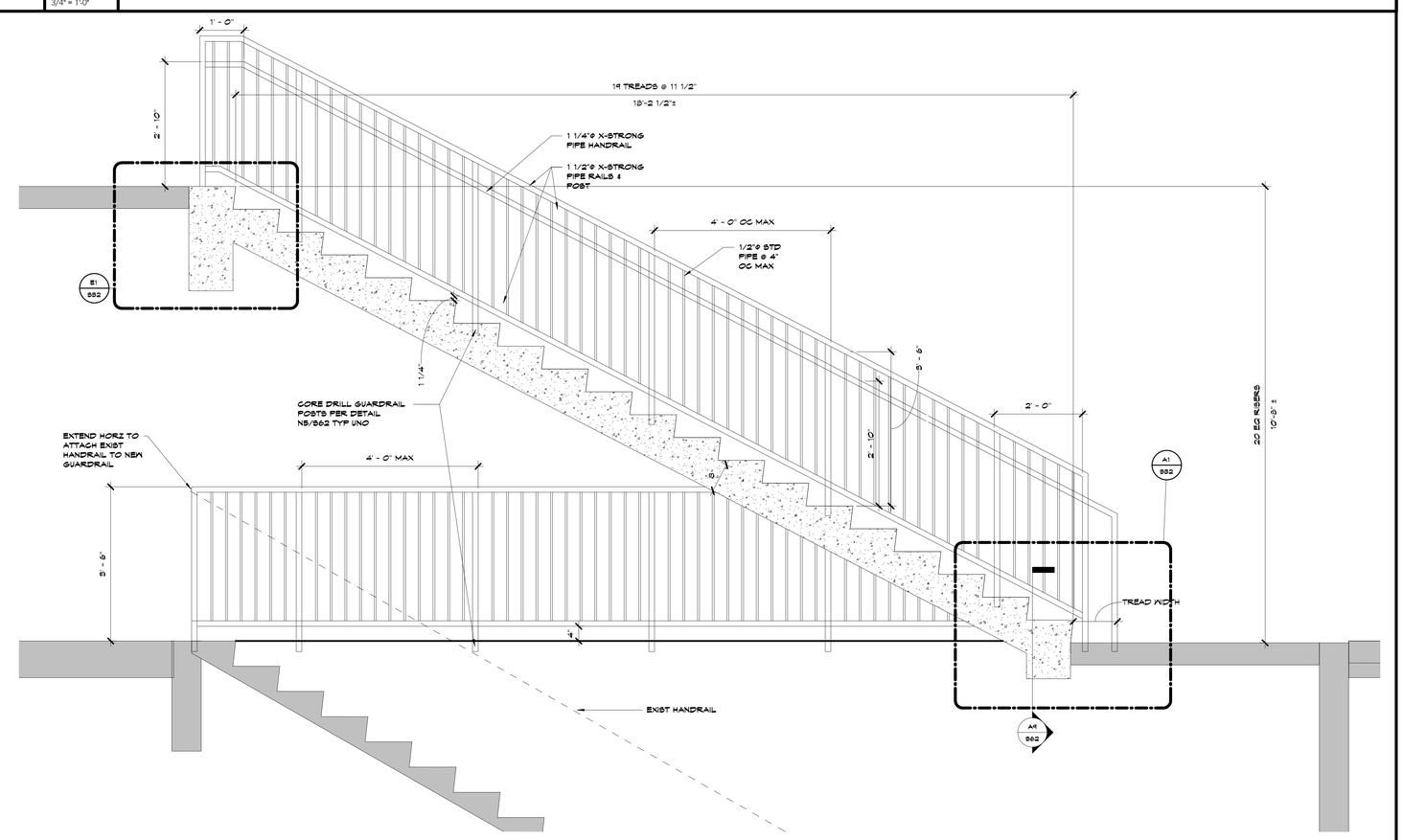


K5 | Scale 3/4" = 1'-0" | Section 3



A5 | Scale 3/4" = 1'-0" | Section 4

SHEET KEYNOTE LEGEND

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2220 N. 59th Street
Kansas City, KS 66104

REVISIONS:

#	Description	Date
2	Addendum #2	01.23.2014

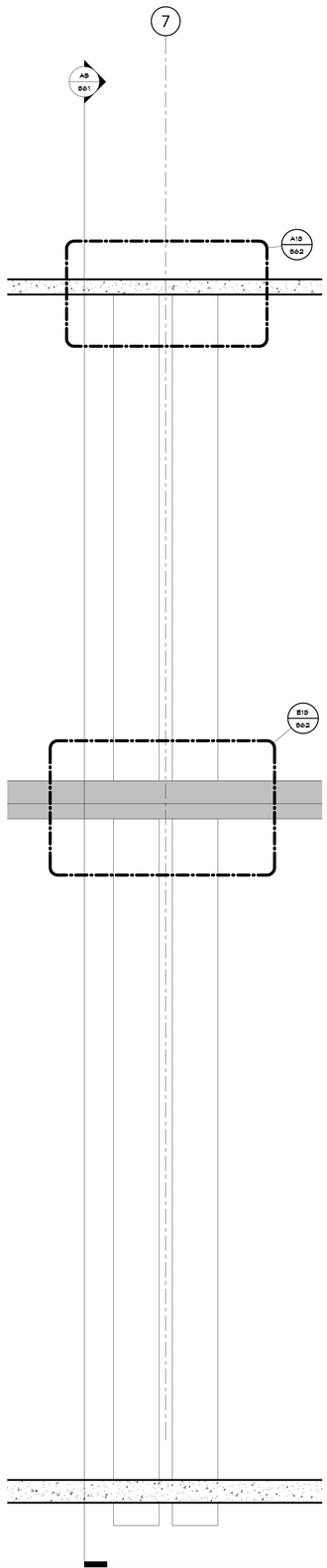
MICHELLE A IWIG-HANNON
LICENSED
26083
ARCHITECT
KANSAS
9/10/19

JOB NO: 18002.00
DRAWN BY: Author
CHECKED BY: Checker
DATE: 09.10.2019

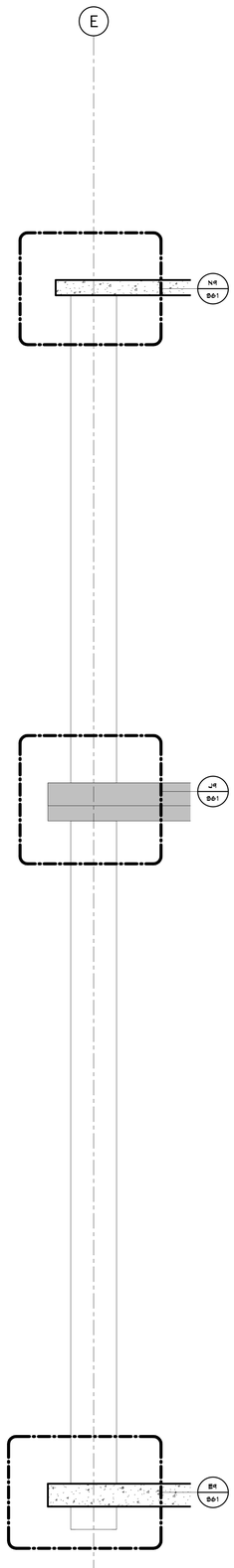
S32

STAIR SECTIONS

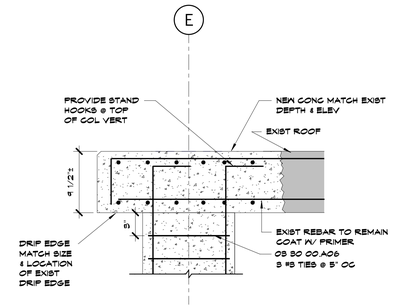
9/24/2019 11:40:21 AM



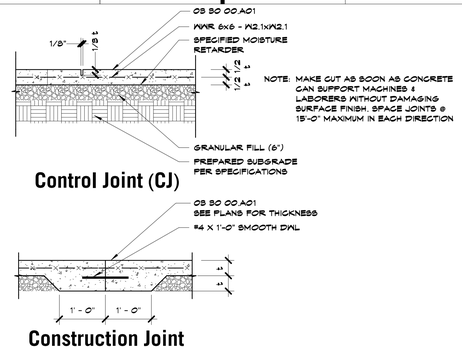
A1 | Scale 3/4" = 1'-0" | Section 6



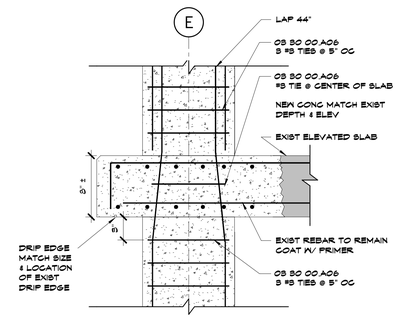
A5 | Scale 3/4" = 1'-0" | Section 5



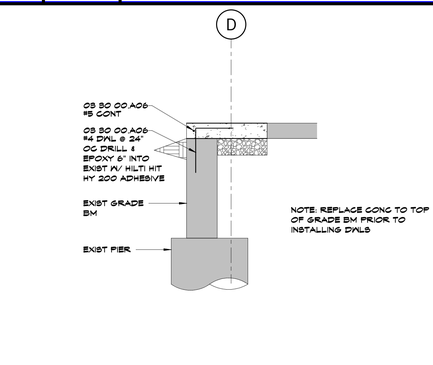
N9 | Scale 1 1/2" = 1'-0" | Section 5 - Callout 3



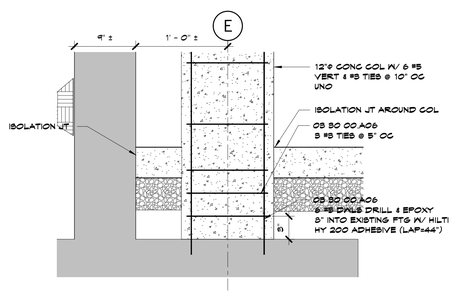
N13 | Scale 3/4" = 1'-0" | Typical Slab on Grade Details



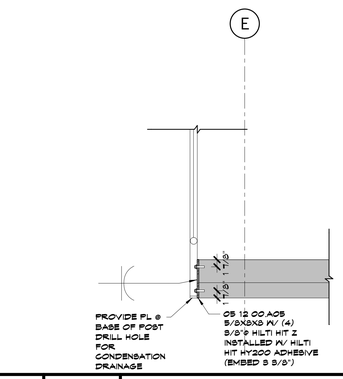
J9 | Scale 1 1/2" = 1'-0" | Section 5 - Callout 2



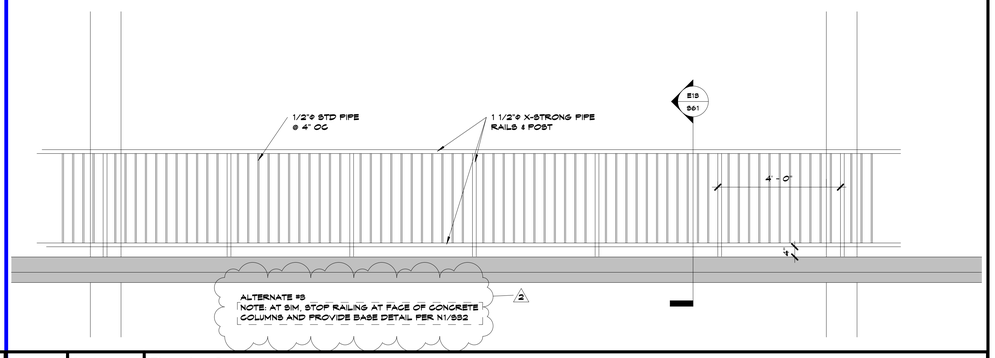
J13 | Scale 3/4" = 1'-0" | Section 9



E9 | Scale 1 1/2" = 1'-0" | Section 5 - Callout 1



E13 | Scale 3/4" = 1'-0" | Section 8



A9 | Scale 1/2" = 1'-0" | Elevation 2 - a

SHEET KEYNOTE LEGEND

OS 30 00 A01	CAST-IN-PLACE CONCRETE
OS 30 00 A06	REINFORCING BARS
OS 12 00 A05	PLATE

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Hollis + Miller Architects
Kansas State Certificate of Authority
Architecture # A-708
Structure # E-1,934

Construction Documents

Maintenance Office Exterior Repairs
Kansas City Kansas Public Schools

2220 N. 59th Street
Kansas City, KS 66104

REVISIONS:

#	Description	Date
2	Addendum #2	04.29.2019

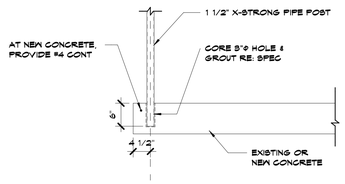
MICHELLE A IWIG-HARMON LICENSED 26083 STATE OF KANSAS REGISTERED ENGINEER 9/10/19

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

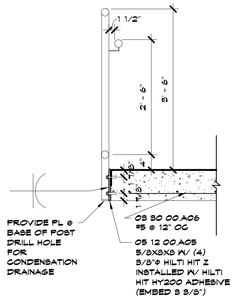
S61

SECTIONS

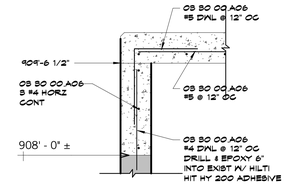
9/24/2019 11:40:21 AM



N5 Scale 3/4" = 1'-0" Section 16



N9 Scale 3/4" = 1'-0" Section 12



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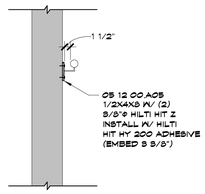
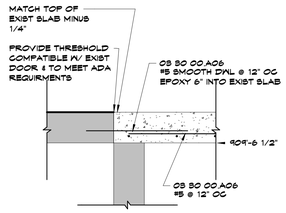


J5 Scale 3/4" = 1'-0" Section 15



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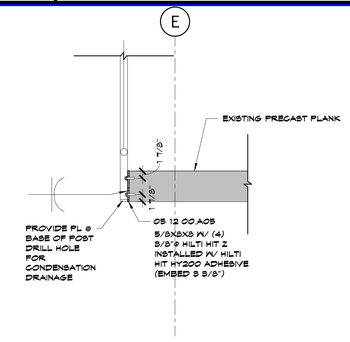
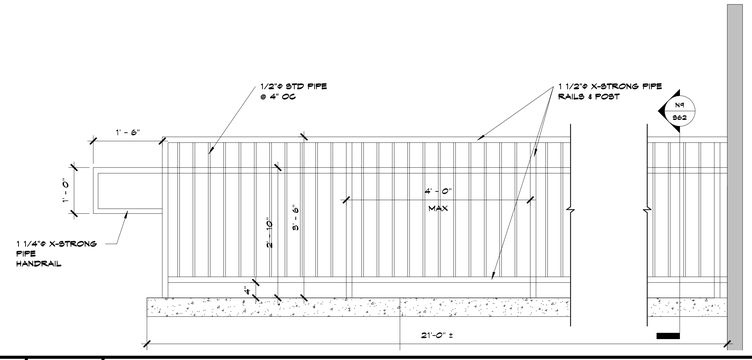
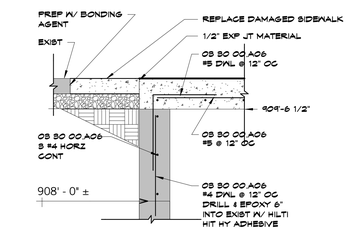


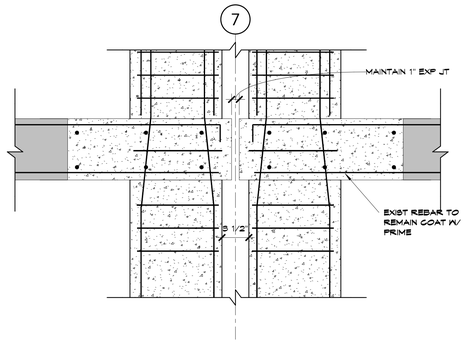
J13 Scale 3/4" = 1'-0" Section 7



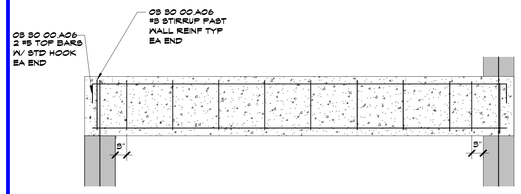
E1 Scale 3/4" = 1'-0" Elevation 3 - a



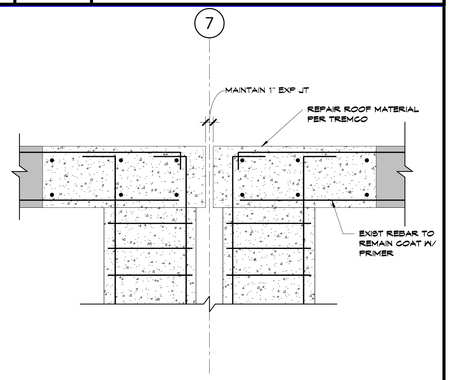
E9 Scale 3/4" = 1'-0" Section 14



E13 Scale 1 1/2" = 1'-0" Section 6 - Callout 2



A9 Scale 3/4" = 1'-0" Section 10



A13 Scale 1 1/2" = 1'-0" Section 6 - Callout 3

SHEET KEYNOTE LEGEND

03 30 00 AO6 REINFORCING BARS
03 12 00 AO5 FLATS

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Structure # E-1-934

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2220 N. 59th Street
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REVISIONS:

#	Description	Date

MICHELLE A IWIG-HARMON LICENSED 26083 STATE OF KANSAS
9/10/19

JOB NO: 18002.00
DRAWN BY: TJS
CHECKED BY: MAI
DATE: 09.10.2019

S62

SECTIONS

9/24/2019 11:40:23 AM