

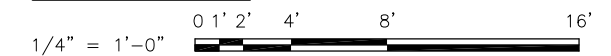
PARTIAL FOUNDATION KEY NOTES:

- | | |
|--|-------------------------------------|
| 1. EXISTING 18" DRILLED SHAFT TO REMAIN. | 6. NEW 48"Ø DRILLED SHAFT. |
| 2. EXISTING 48" DRILLED SHAFT TO REMAIN. | 7. NEW W12 COLUMN ABOVE. |
| 3. EXISTING WF12 COLUMN TO REMAIN. | 8. NEW W12 COLUMN. |
| 4. NEW PC-2 PILE CAP WITH 48"Ø DRILLED SHAFT. T/ PILE CAP = B/EXISTING LONGITUDINAL CONCRETE PLATFORM BEAM | 9. 9" ELEVATOR PIT WALL, (3) SIDES. |
| 5. NEW ELEVATOR PIT MAT FOUNDATION. | 10. NEW 8" ALUMINUM POST ABOVE. |

A1 PARTIAL PLATFORM FOUNDATION PLAN
SCALE: 1/4"=1'-0"



GRAPHIC SCALE



PRELIMINARY NOT FOR CONSTRUCTION



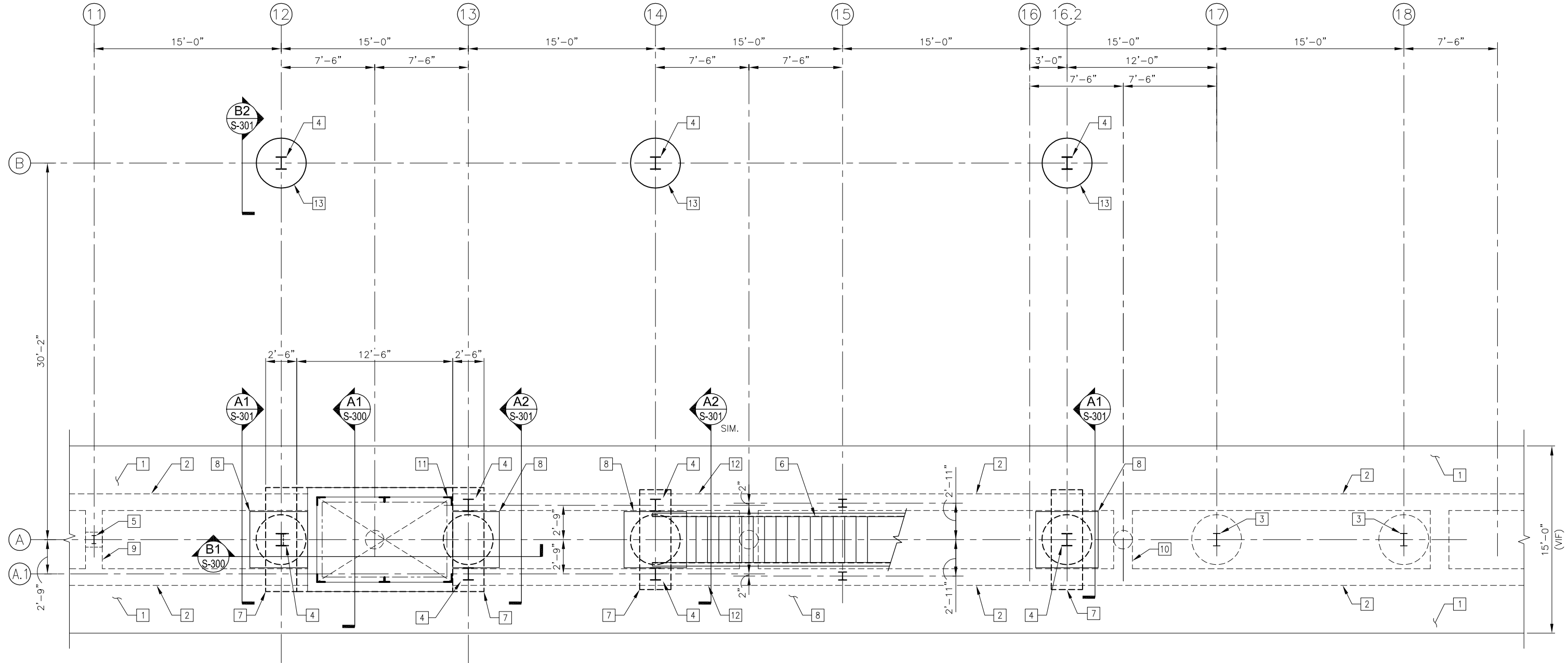
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PLOT SCALE =	CHECKED — AFK	REVISED —
PLOT DATE = 10/28/13	DRAWN — MAC	REVISED —
	CHECKED — AFK	REVISED —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
PARTIAL PLATFORM FOUNDATION PLAN**

SHEET NO. S-100 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	201
				CONTRACT NO. 60W29
				ILLINOIS FED. AID PROJECT FED. AID PROJECT



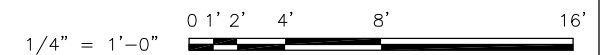
A1 PARTIAL PLATFORM PLAN
SCALE: 1/4"=1'-0"



PLATFORM FRAMING PLAN KEYED NOTES:

1. EXISTING 8" CONCRETE PLATFORM SLAB.
2. EXISTING 16" WIDE CONCRETE LONGITUDINAL PLATFORM BEAM.
3. EXISTING WF12 COLUMN.
4. NEW W12 COLUMN FOR STATION STRUCTURE ABOVE.
(9) LOCATIONS
5. EXISTING ALUMINUM CANOPY POST.
6. EXISTING STAIR REINSTALLED.
7. PC-2 PILE CAP BELOW.
8. NEW CONCRETE INFILL.
9. EXISTING CONCRETE TRANSFER BEAM BELOW PLATFORM SLAB.
10. EXISTING CONCRETE HAUNCH BELOW.
11. ELEVATOR TOWER STEEL FRAMING. SEE SHEET S-200 FOR ELEVATIONS.
12. NEW 8" ALUMINUM POST FOR CANOPY STRUCTURE ABOVE.
13. NEW 48"Ø DRILLED SHAFT. SEE SECTION FOR T/ SHAFT.

GRAPHIC SCALE



PRELIMINARY NOT FOR CONSTRUCTION



USER NAME = MAC	DESIGNED — KLT	REVISED —
	CHECKED — AFK	REVISED —
PLOT SCALE =	DRAWN — MAC	REVISED —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
PARTIAL PLATFORM FRAMING PLAN**

SHEET NO. S-110 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	202
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT FED. AID PROJECT				

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USER NAME = MAC	DESIGNED — KLT	REVISED — — —
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PLOT SCALE =	DRAWN — MAC	REVISED — — —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED — — —

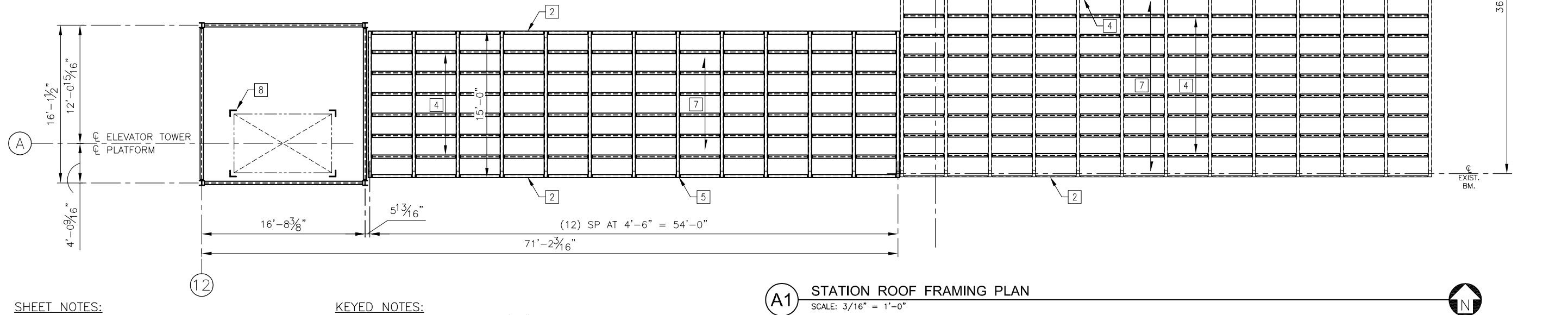
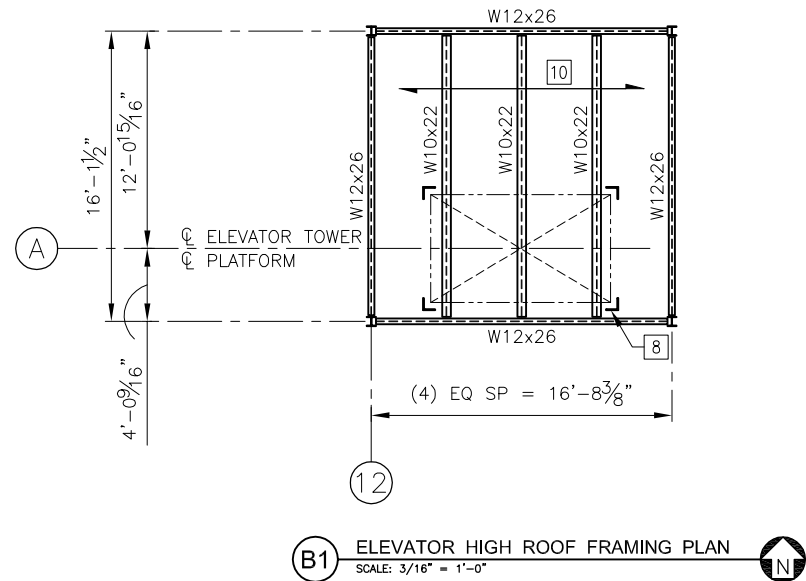
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
PARTIAL PLATFORM CANOPY FRAMING PLAN**

SHEET NO. S-120 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	203
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT FED. AID PROJECT	



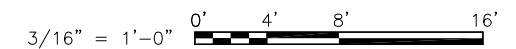
SHEET NOTES:

1. ALL EXISTING DIMENSIONS ARE SHOWN FOR REFERENCE ONLY AND SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION TO DETERMINE ANY CRITICAL DIMENSIONS.
2. ALL EXISTING MEMBERS AND DIMENSIONS TO AND BETWEEN EXISTING MEMBERS SHALL BE VERIFIED PRIOR TO FABRICATION OF ANY NEW MEMBERS CONNECTING TO OR BETWEEN EXISTING MEMBERS.
3. SEE SHEETS S-001 AND S-002 FOR GENERAL NOTES AND ABBREVIATIONS.

KEYED NOTES:

1. EXISTING HSS8x4 FRAME AT 4'-6".
2. EXISTING 1/4" BENT R AT EAVE BETWEEN HSS8x4 FRAMES.
3. EXISTING DBL C4 AT RIDGE.
4. NEW WT4x6.5 AT 24" ON CENTER, MAXIMUM SPACING.
5. NEW HSS8x4x5/16 FRAME AT (13) LOCATIONS ALONG CONNECTOR WALKWAY.
6. NEW HSS4x2x5/16 EAVE MEMBER.
7. NEW POLYCARBONATE ROOF DECKING.
8. ELEVATOR TOWER STRUCTURE.
9. ELEVATOR TOWER STRUCTURE BELOW.
10. WR20 ROOF DECK.

GRAPHIC SCALE



PRELIMINARY NOT FOR CONSTRUCTION



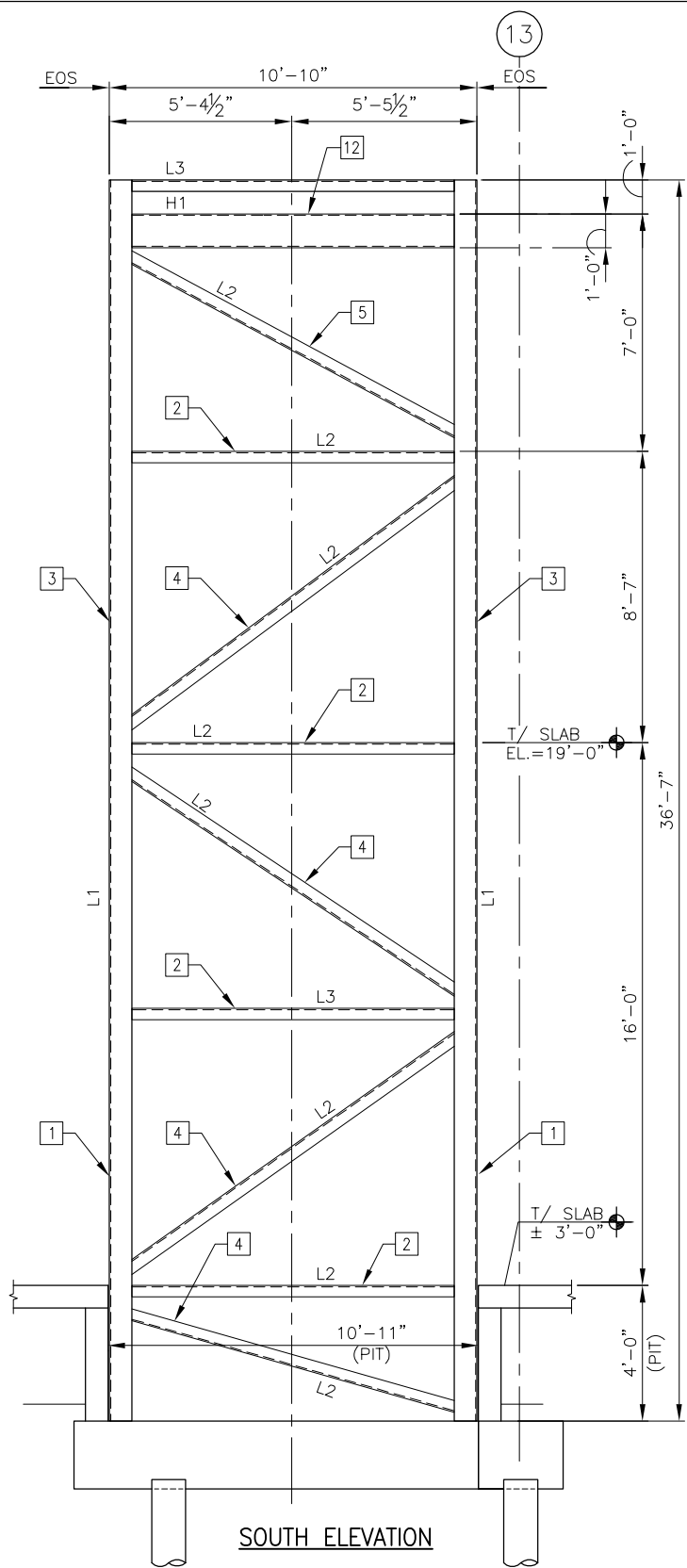
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PLOT SCALE =	CHECKED — AFK	REVISED — — —
PLOT DATE = 10/28/13	DRAWN — MAC	REVISED — — —
	CHECKED — AFK	REVISED — — —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

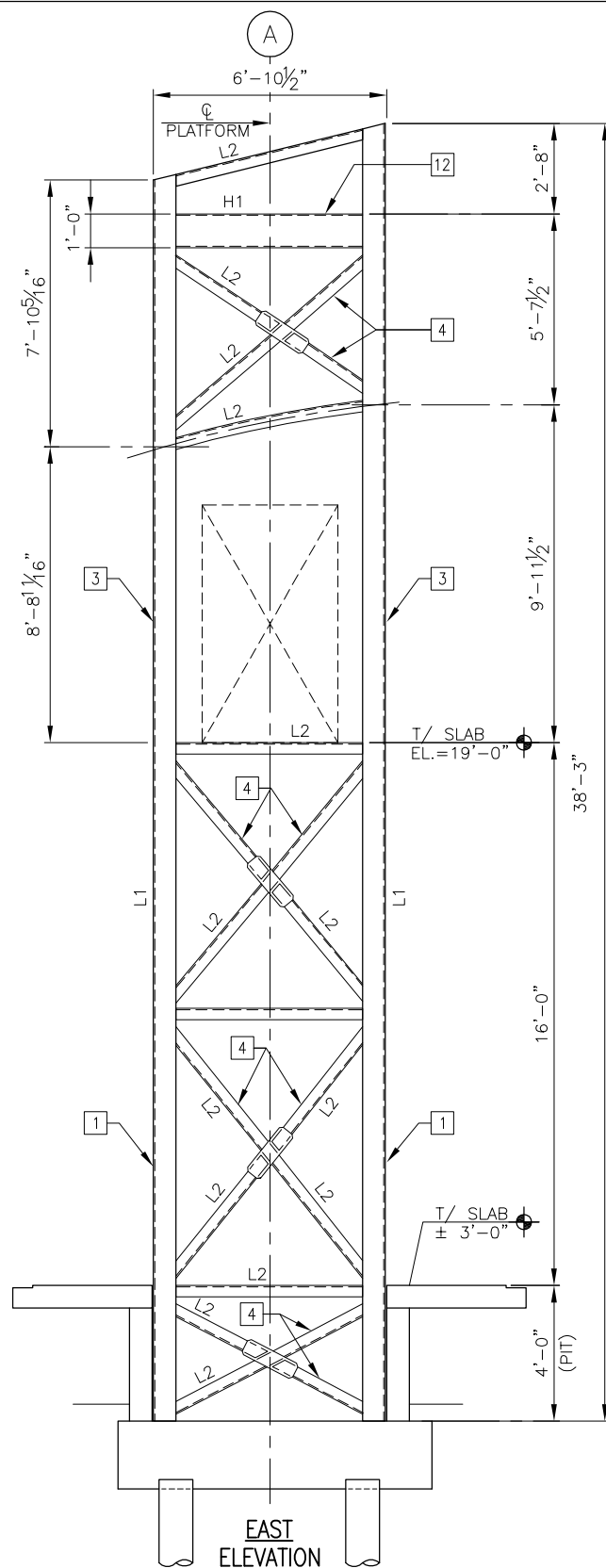
**PEORIA STREET STATION
STATION ROOF FRAMING PLAN**

SHEET NO. S-140 OF 117 SHEETS

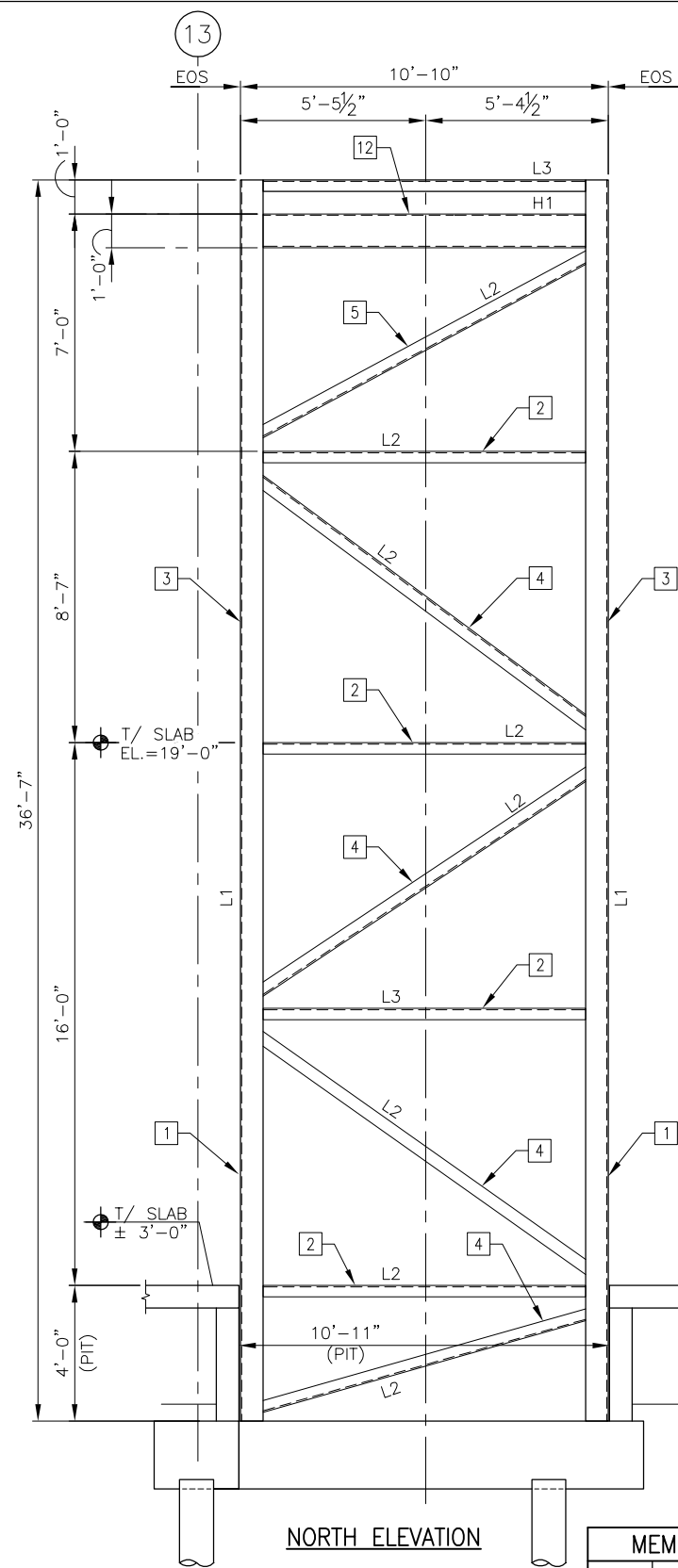
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	205
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT FED. AID PROJECT				



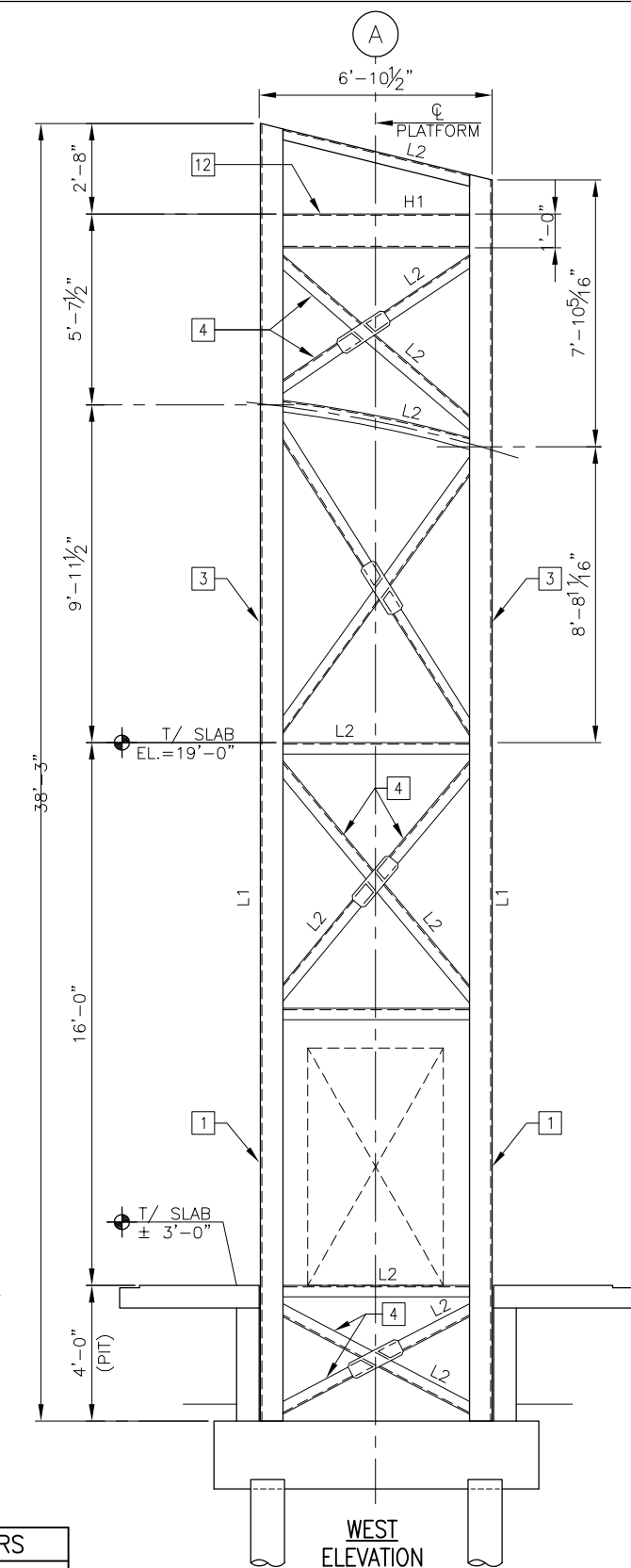
SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION

SHEET NOTES

1. ALL EXISTING DIMENSIONS ARE SHOWN FOR REFERENCE ONLY AND SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION TO DETERMINE ANY CRITICAL DIMENSIONS.

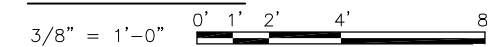
KEYED NOTES:

- 1. L1 POST AT ALL CORNERS OF ELEVATOR SHAFT.
- 2. L2 AND L3 HORIZONTAL BRACE. COORDINATE BOTTOM OF BRACE WITH DOOR OPENING ON WEST AND EAST SIDE.
- 3. L1 POST AT ALL CORNERS OF ELEVATOR SHAFT AT STATION LEVEL.
- 4. L2 DIAGONAL BRACE.

- 5. L2 HORIZONTAL EAVE MEMBER AT ELEVATOR SHAFT ROOF.
- 6. L2 VERTICAL BRACE FOR ELEVATOR RAIL.
- 7. L2 HORIZONTAL BRACE AT STATION ROOF.
- 8. SEE ARCHITECTURAL DRAWINGS FOR DOOR OPENING SIZE AND LOCATION.
- 9. $\frac{1}{2}$ " TO SUPPORT ELEVATOR HOIST BEAM.
- 10. POLYCARBONATE ROOF PANEL. SEE ARCHITECTURAL DRAWINGS FOR CRITERIA.
- 11. L2 SLOPPED EAVE MEMBER AT ELEVATOR SHAFT ROOF.
- 12. H1 - SUPPORT ELEVATOR HOIST BEAMS.

MEMBERS	
MARK	SIZE
L1	8x8x $\frac{5}{8}$
L2	4x4x $\frac{1}{4}$
L3	4x4x $\frac{1}{2}$
H1	HSS12x4x $\frac{1}{2}$

GRAPHIC SCALE



PRELIMINARY NOT FOR CONSTRUCTION



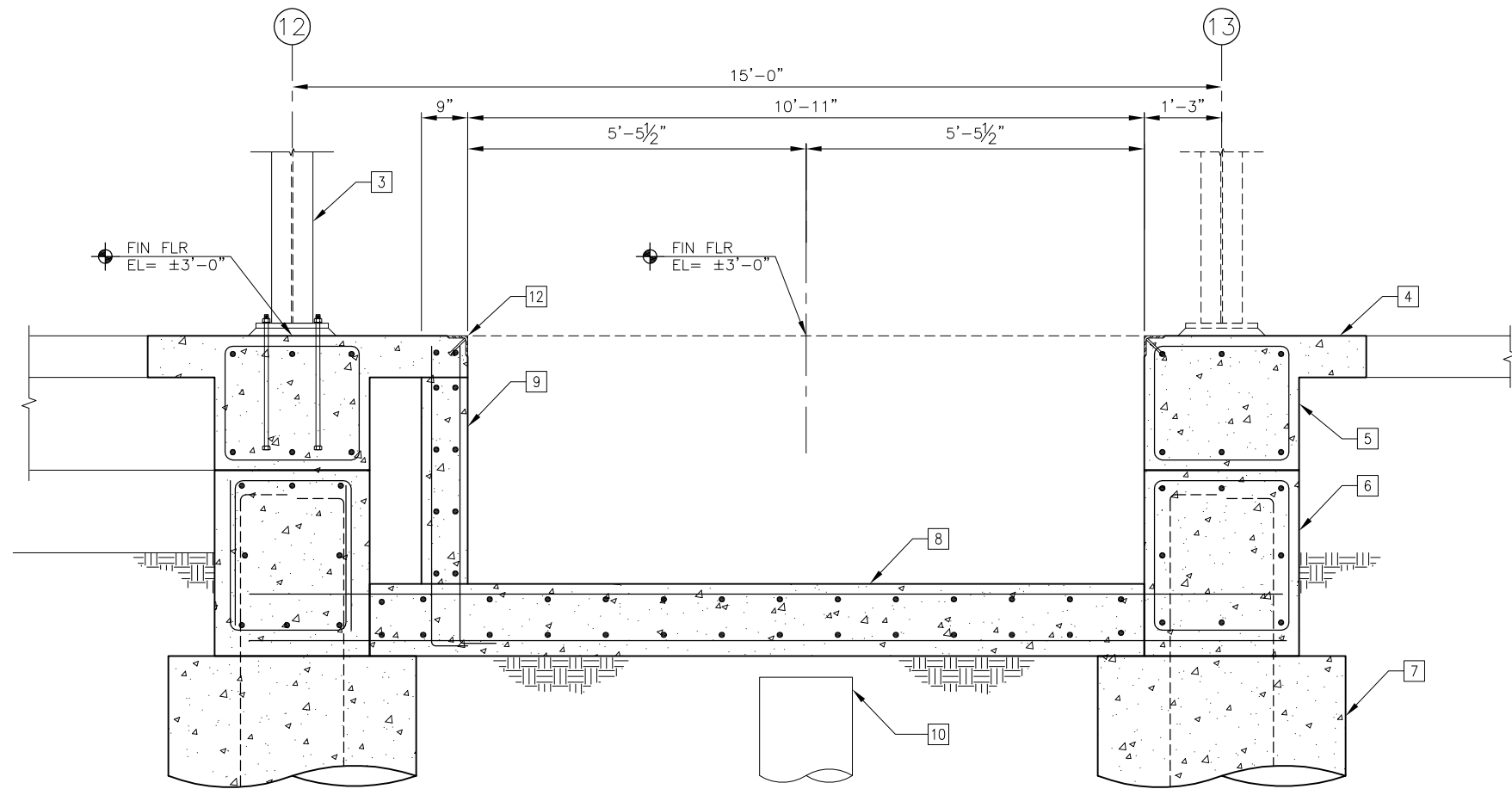
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PLOT SCALE =	CHECKED — AFK	REVISED — — —
PLOT DATE = 10/28/13	DRAWN — MAC	REVISED — — —
	CHECKED — AFK	REVISED — — —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

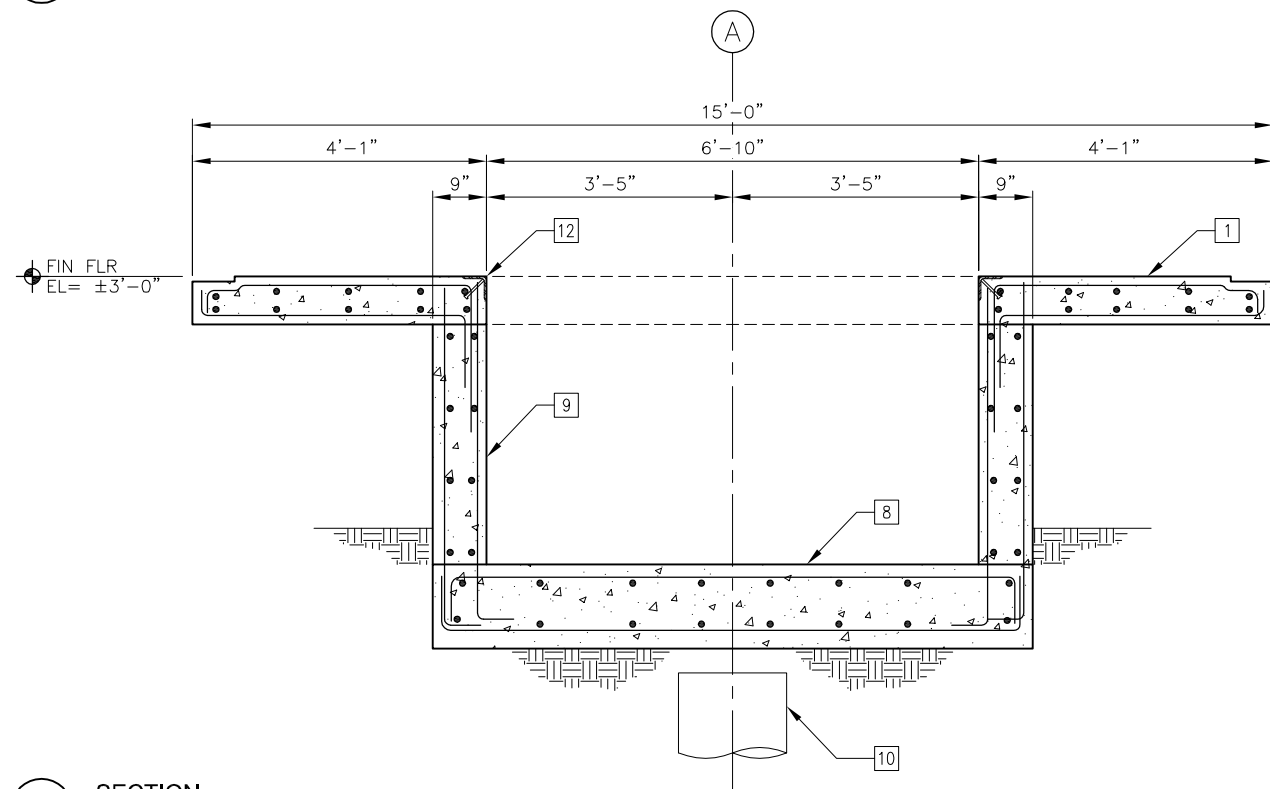
**PEORIA STREET STATION
ELEVATOR SHAFT SECTIONS**

SHEET NO. S-200 OF 117 SHEETS

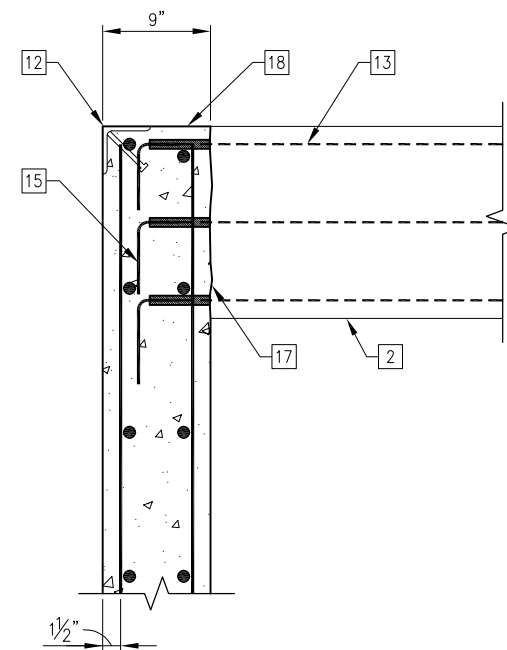
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	206
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT FED. AID PROJECT				



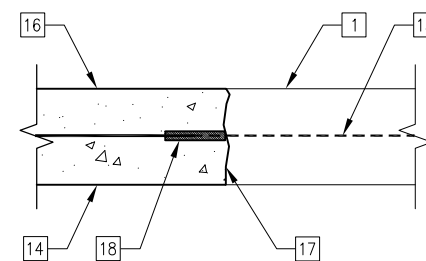
B1 SECTION
3/4" = 1'-0"



A1 SECTION
3/4" = 1'-0"



B2 DETAIL
1 1/2" = 1'-0"



A2 DETAIL
1 1/2" = 1'-0"

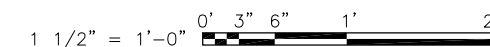
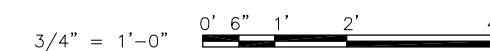
SHEET NOTES:

- ALL EXISTING DIMENSIONS ARE SHOWN FOR REFERENCE ONLY AND SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION TO DETERMINE ANY CRITICAL DIMENSIONS.

KEYED NOTES:

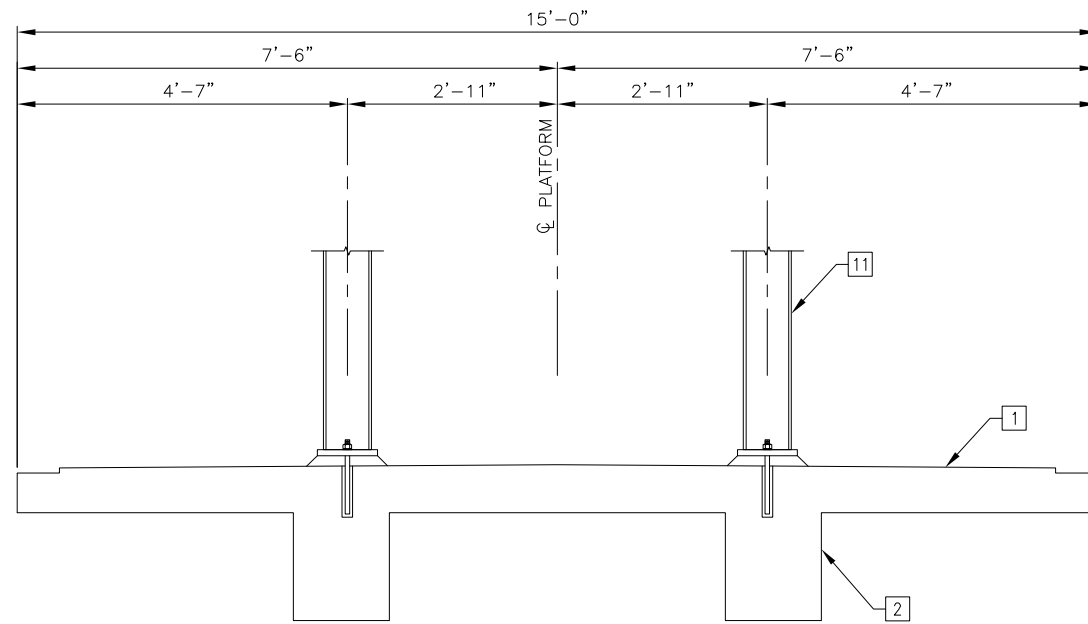
- EXISTING PLATFORM SLAB.
- EXISTING LONGITUDINAL PLATFORM BEAM.
- NEW WF STEEL COLUMN, SEE PLAN FOR SIZE.
- INFILL SLAB.
- INFILL CONCRETE.
- P-2 PILE CAP.
- DRILLED SHAFT.
- ELEVATOR MAT SLAB. REINF. W/ #6 AT 12" O.C., EA. WAY, TOP AND BOTTOM.
- 9" THICK ELEVATOR PIT WALL. REINF. W/ #5 AT 12" O.C., EA. WAY, EA. SIDE.
- EXISTING DRILLED SHAFT. REMOVE TO 3" BELOW BOTTOM OF NEW ELEVATOR MAT SLAB.
- NEW 8" ALUMINUM POST, EACH SIDE OF PLATFORM.
- L4x4x3/8 CONTINUOUS WITH 3/8"x4" HCA AT 12" O.C.
- EXISTING SLAB OR BEAM REINF. EXPOSE SUFFICIENTLY TO INSTALL MECHANICAL SPLICE.
- PROVIDE REINFORCING TO MATCH EXISTING SLAB REINFORCING.
- SPLICE EXISTING BEAM REINFORCING AND PROVIDE STD. HOOK.
- NEW 8" THICK CONCRETE PLATFORM SLAB.
- ROUGHEN EXISTING CONCRETE TO 1/4" AMPLITUDE AND APPLY CONCRETE BONDING AGENT IN ACCORDANCE WITH THE MANUFACTURER'S CRITERIA PRIOR TO NEW CONCRETE PLACEMENT.
- PROVIDE MECHANICAL REINF. SPLICE AT ALL EXISTING REINFORCING.

GRAPHIC SCALES

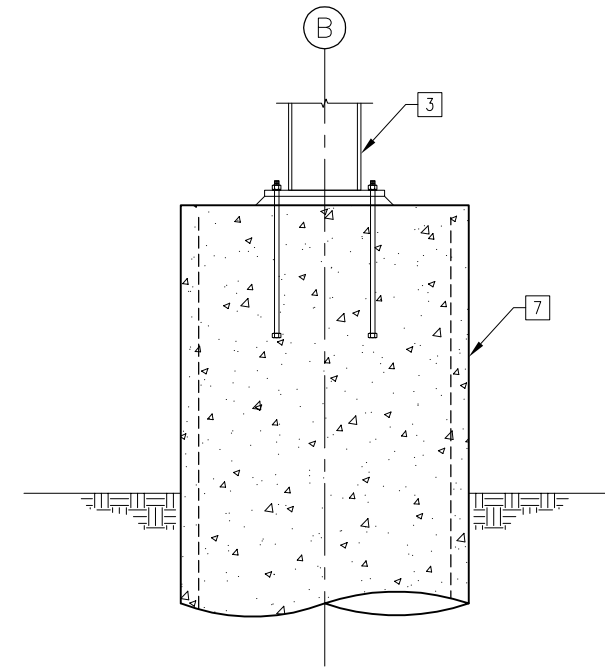


PRELIMINARY NOT FOR CONSTRUCTION

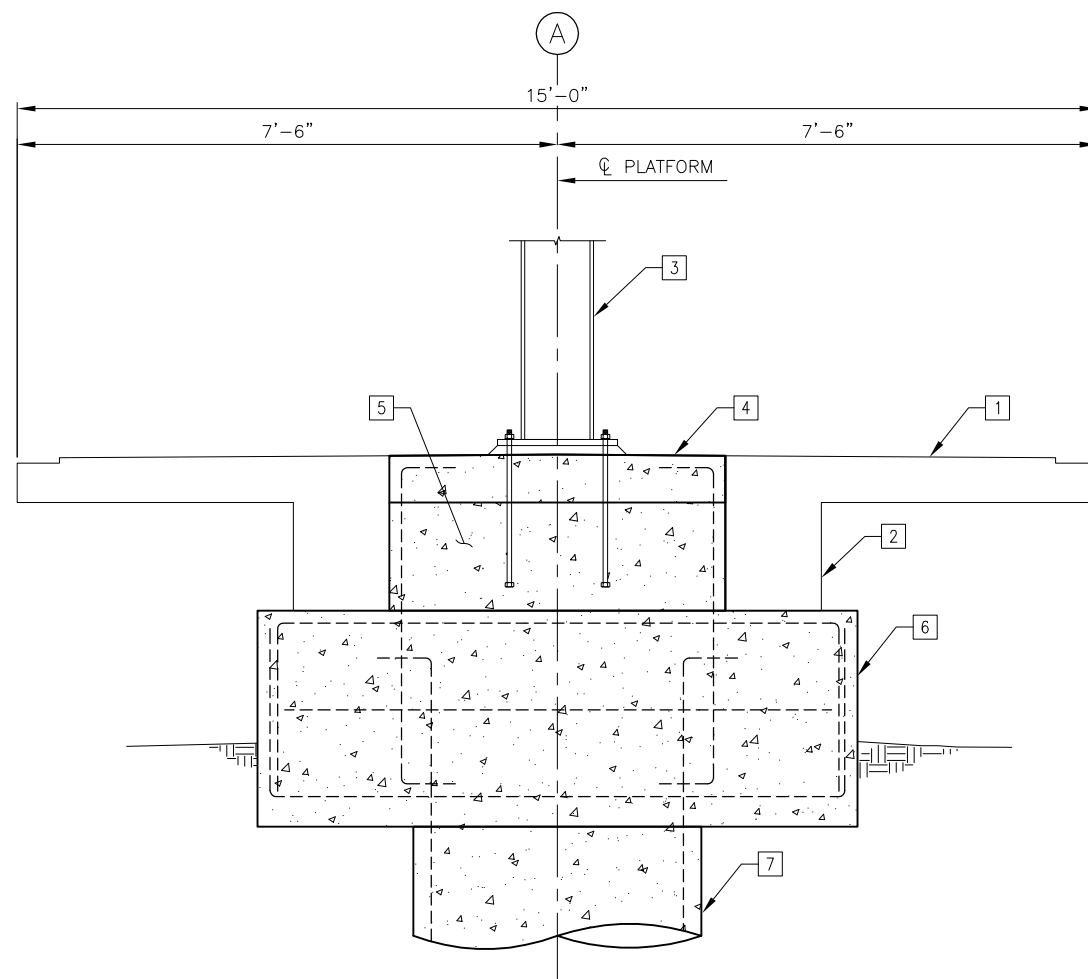
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	PLOT SCALE =	CHECKED — AFK	REVISED — — —			2090	2013-011R	COOK	356	207
	PLOT DATE = 10/28/13	DRAWN — MAC	REVISED — — —			CONTRACT NO. 60W29				
		CHECKED — AFK	REVISED — — —			ILLINOIS FED. AID PROJECT FED. AID PROJECT				



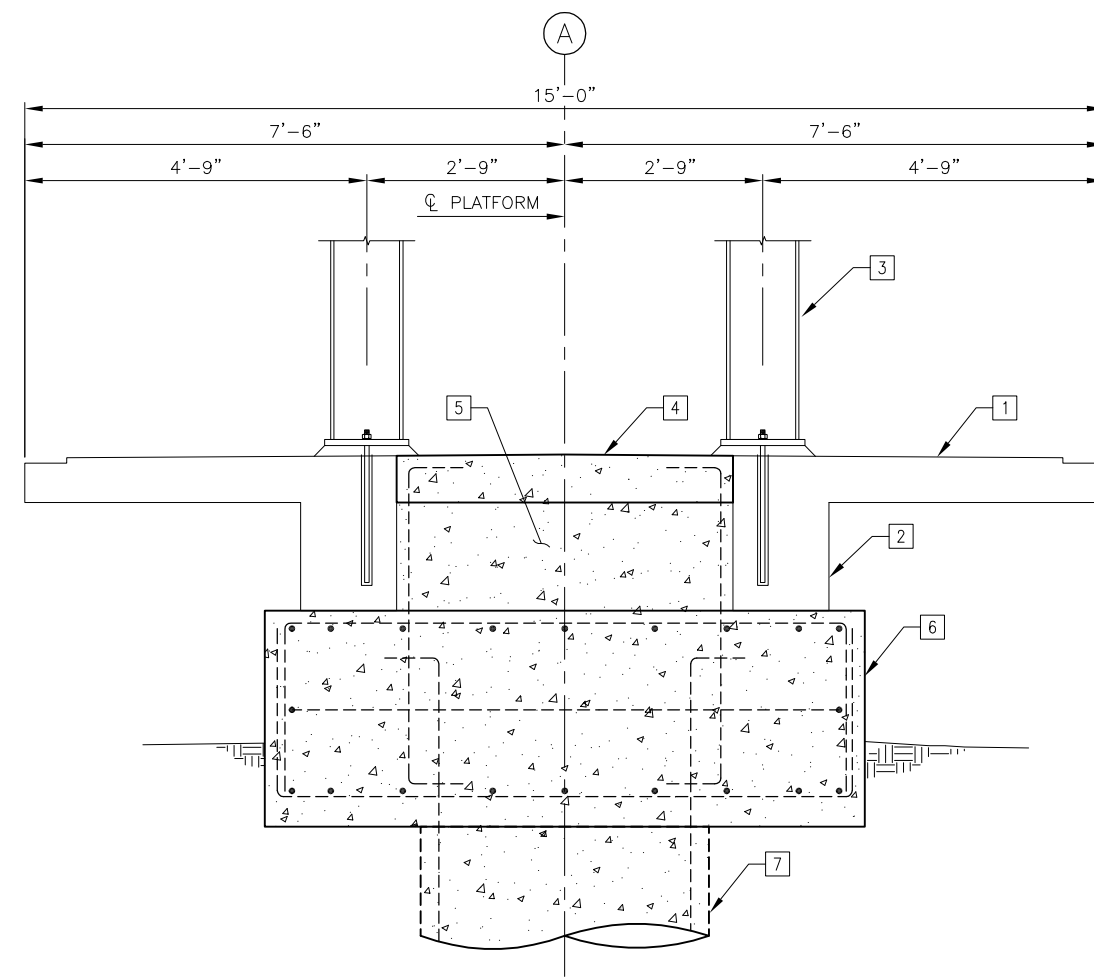
B1 SECTION
3/4" = 1'-0"



B2 SECTION
3/4" = 1'-0"



A1 SECTION
3/4" = 1'-0"

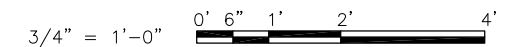


A2 SECTION
3/4" = 1'-0"

SHEET NOTES:
1. ALL EXISTING DIMENSIONS ARE SHOWN FOR REFERENCE ONLY AND SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION TO DETERMINE ANY CRITICAL DIMENSIONS.

KEYED NOTES:
1. EXISTING PLATFORM SLAB.
2. EXISTING LONGITUDINAL PLATFORM BEAM.
3. NEW WF STEEL COLUMN, SEE PLAN FOR SIZE.
4. INFILL SLAB.
5. INFILL CONCRETE.
6. P-2 PILE CAP.
7. DRILLED SHAFT.
8. ELEVATOR MAT SLAB. REINF. W/ #6 AT 12" O.C., EA. WAY, TOP AND BOTTOM.
9. 9" THICK ELEVATOR PIT WALL. REINF. W/ #5 AT 12" O.C., EA. WAY, EA. SIDE.
10. EXISTING DRILLED SHAFT. REMOVE TO 3" BELOW BOTTOM OF NEW ELEVATOR MAT SLAB.
11. NEW 8" ALUMINUM POST, EACH SIDE OF PLATFORM.

GRAPHIC SCALES



PRELIMINARY NOT FOR CONSTRUCTION



USER NAME = MAC	DESIGNED — KLT	REVISED — — —
PLOT SCALE =	CHECKED — AFK	REVISED — — —
PLOT DATE = 10/28/13	DRAWN — MAC	REVISED — — —
	CHECKED — AFK	REVISED — — —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
FOUNDATION SECTIONS AND DETAILS**

SHEET NO. S-301 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	208
				CONTRACT NO. 60W29
		ILLINOIS	FED. AID PROJECT	FED. AID PROJECT

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USER NAME = MAC	DESIGNED — KLT	REVISED — — —
	CHECKED — AFK	REVISED — — —
PLOT SCALE =	DRAWN — MAC	REVISED — — —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED — — —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
FOUNDATION SECTIONS AND DETAILS**

SHEET NO. S-302 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	209
			CONTRACT NO. 60W29	
			ILLINOIS FED. AID PROJECT FED. AID PROJECT	

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USER NAME = MAC	DESIGNED — KLT	REVISED — — —
	CHECKED — AFK	REVISED — — —
PLOT SCALE =	DRAWN — MAC	REVISED — — —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED — — —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION FLOOR SECTIONS AND DETAILS**

SHEET NO. S-500 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	210
			CONTRACT NO. 60W29	
			ILLINOIS FED. AID PROJECT FED. AID PROJECT	

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PLOT SCALE =	DRAWN — MAC	REVISED — — —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED — — —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION FLOOR SECTIONS AND DETAILS**

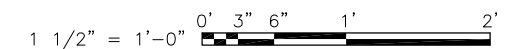
SHEET NO. S-501 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	211
			CONTRACT NO. 60W29	
			ILLINOIS FED. AID PROJECT FED. AID PROJECT	

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GRAPHIC SCALE



PRELIMINARY NOT FOR CONSTRUCTION



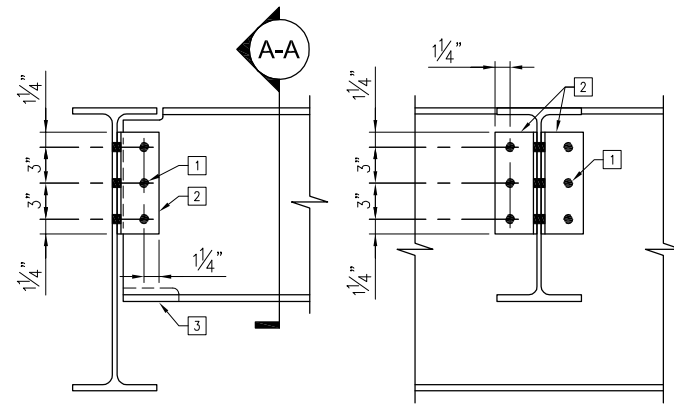
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PLOT SCALE =	DRAWN — MAC	REVISED — — —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED — — —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION ROOF SECTIONS AND DETAILS**

SHEET NO. S-502 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	212
			CONTRACT NO. 60W29	
			ILLINOIS FED. AID PROJECT FED. AID PROJECT	



DETAILED KEYED NOTES:

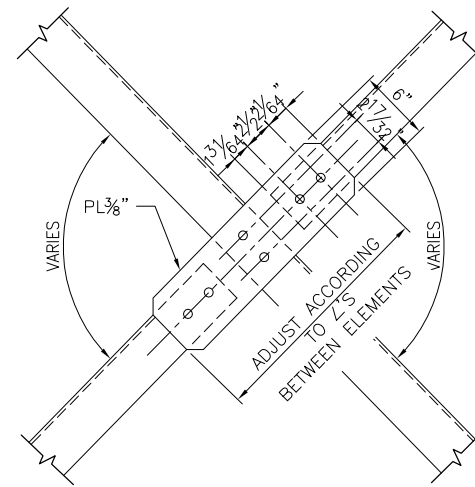
1. SEE SCHEDULE FOR NUMBER, N, OF $\frac{3}{4}$ " ϕ , A325-N BOLTS.
2. L $3\frac{1}{2}$ x $3\frac{1}{2}$ x $\frac{5}{16}$ x "L"
3. COPE BOTTOM FLANGE AS REQUIRED.

SECTION A-A

BEAM DEPTH	N	L (IN)	V (KIP)
W8	2	5½	40.8
W10, W12, W14	3	8½	63.6
W16	4	11½	83.9
W18	5	14½	104
W21	6	17½	124
W24, W27	7	20½	145
W30	8	23½	165
W33	9	26½	185
W36	19	29½	205

NOTES:

1. APPLICABLE FOR CONNECTIONS WITH SKEW ANGLE LESS THAN 5°.
2. BEND TO SKEW REQ'D FOR SKEW ANGLE LESS THAN 5°.
3. SHEAR CAPACITIES, V, INDICATED ARE UNFACTORED, ASD CONNECTION CAPACITIES.

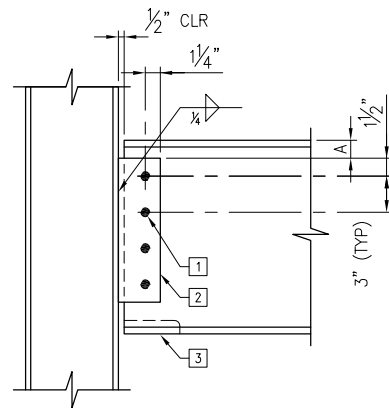


C2 DETAIL

1 1/2" = 1'-0"

C1 ALL-BOLTED DOUBLE ANGLE CONNECTION TYPICAL DETAIL

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



BOLT SCHEDULE				
BEAM DEPTH	A (IN)	L (IN)	N	V (KIP)
W8, W10	1	5½	2	14.6
W12	1½	8½	3	32.1
W14	1½	11½	3	53.3
W16	1½	14½	4	76.4
W18	1½	17½	5	100
W21	2	20½	5	125
W24	8	23½	6	149
W27	9	26½	6	173
W30	10	29½	7	197

NOTES:

1. SHEAR CAPACITIES, V, INDICATED ARE UNFACTORED, ASD CONNECTION CAPACITIES.

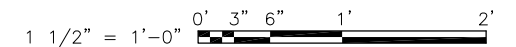
DETAIL KEYED NOTES:

1. SEE SCHEDULE FOR NUMBER, N, OF $\frac{3}{4}$ " ϕ , A325-N BOLTS.
2. L $\frac{3}{8}$ x4 x L. SEE SCHEDULE FOR LENGTH, L, REQUIRED.
3. COPE BOTTOM FLANGE AS REQUIRED.

B1 BEAM CONNECTION TO BEAM OR COLUMN

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

GRAPHIC SCALE



PRELIMINARY NOT FOR CONSTRUCTION



USER NAME = MAC	DESIGNED — KLT	REVISED —
	CHECKED — AFK	REVISED —
PLOT SCALE =	DRAWN — MAC	REVISED —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
SCHEDULES AND DETAILS**

SHEET NO. S-600 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	213
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT FED. AID PROJECT	

DEMOLITION

1. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE MEANS AND METHODS OF DEMOLITION AND THE INTEGRITY AND STABILITY OF THE EXISTING STRUCTURE DURING DEMOLITION UNTIL THE WORK IS COMPLETED. THE CONTRACTOR SHALL PROVIDE SHORING IN REQUIRED LOCATIONS WHERE EXISTING CONSTRUCTION IS TO REMAIN WILL BE AFFECTED BY DEMOLITION. SEE SHORING SPEC.
2. THE EXISTING STRUCTURE IS INDICATED FOR REFERENCE ONLY AND IS TO BE FIELD VERIFIED BY THE CONTRACTOR. THE EXACT EXTENT OF DEMOLITION SHALL BE VERIFIED AT THE SITE. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE DRAWINGS WITH THE EXISTING CONSTRUCTION.
3. THE CONTRACTOR SHALL USE THESE DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DEMOLITION DRAWINGS. IN THE EVENT OF CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY IDOT.
4. THE CONTRACTOR SHALL USE QUALIFIED, EXPERIENCED PERSONNEL FOR DEMOLITION AND REMOVAL OPERATIONS. DEMOLITION AND REMOVAL OPERATIONS SHALL BE PERFORMED IN A CAREFUL AND ORDERLY MANNER TO PREVENT HAZARDS TO PERSONS, DAMAGE TO PROPERTY, AND THE SPREADING OF DUST AND DEBRIS USING VACUUM SYSTEM AND OR WET METHODS.
5. NO PORTION OF THE STRUCTURE SHALL BE PERMITTED TO FALL NOR SHALL ANY DEBRIS BE DROPPED EXCEPT BY METHODS WHICH WILL ENSURE INTEGRITY OF THE STRUCTURE.
6. PRIOR TO THE START OF WORK, VERIFY THAT THE SCOPE OF DEMOLITION INDICATED ON THE DRAWINGS SHALL NOT DAMAGE, CUT OR DISRUPT SERVICE TO ANY MECHANICAL SYSTEM, COMMUNICATION SYSTEM, ELECTRICAL SYSTEM OR UTILITY EMBEDDED IN THE EXISTING STRUCTURE OR BELOW THE TRAIN PLATFORM.
7. DO NOT REMOVE MORE OF THE EXISTING STRUCTURE THAN INDICATED ON DRAWING. DO NOT DAMAGE, MAR, CUT, OF DEFACE THE REMAINING STRUCTURE TO REMAIN, OR MATERIALS TO BE REUSED.
8. THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF REMOVING AND LEGALLY DISPOSING OF DEMOLISHED MATERIALS FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS.
9. WHERE NEW OPENINGS IN EXISTING CONCRETE SLABS ARE TO BE CREATED, THE DEMOLITION CONTRACTOR SHALL CORE HOLES AT THE OUTSIDE CORNERS OF THE NEW OPENING PRIOR TO DEMOLITION. SAW-CUTTING SHALL BE STRAIGHT AND SHALL NOT EXTEND INTO THE EXISTING SLAB TO REMAIN NOR BEYOND THE HOLES CORED AT THE CORNERS OF THE NEW OPENING.
10. A DEMOLITION PLAN IS TO BE SUBMITTED TO IDOT FOR APPROVAL. DEMOLITION SHALL NOT COMMENCE UNTIL THE CONTRACTOR HAS RECEIVED WRITTEN APPROVAL FROM IDOT.
11. IF DEMOLITION IS PERFORMED IN EXCESS OF THAT REQUIRED, RESTORE AFFECTED AREAS AT NO COST TO THE OWNER.
12. REMOVE DESIGNATED EQUIPMENT, COMPONENTS, PARTITIONS, ETC. AS REQUIRED FOR NEW WORK.
13. REMOVE FROM SITE REGULARLY AND LEGALLY DISPOSE OF REFUSE, DEBRIS, RUBBISH, AND OTHER MATERIAL RESULTING FROM DEMOLITION OPERATIONS.

10/16/16 AM 0161708-60W29-AD-001.dgn



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PLOT SCALE = 0x2.0000 '1" / 1in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

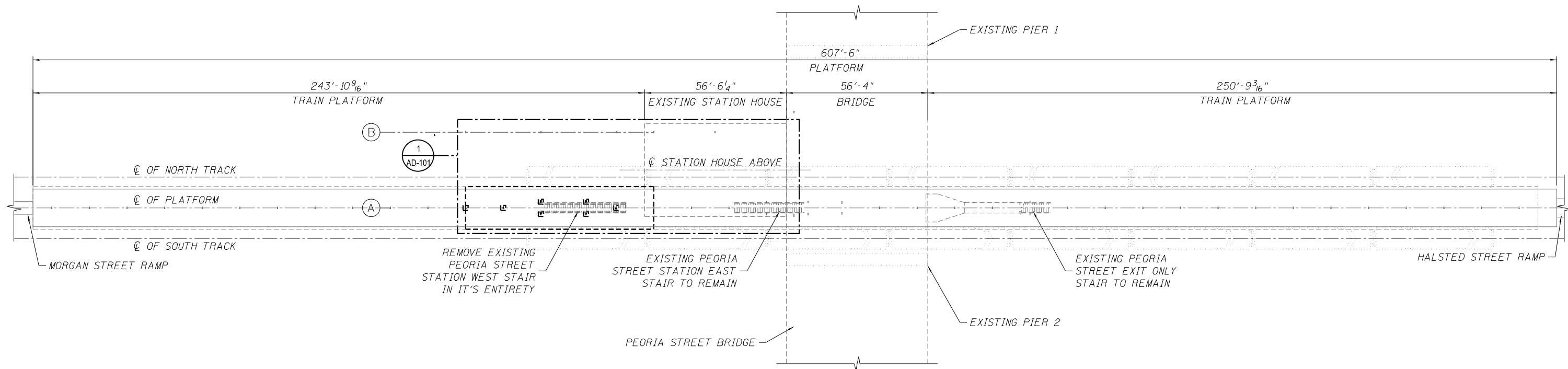
**PEORIA STREET STATION
DEMOLITION GENERAL NOTES**

SHEET NO. AD-0010F 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	214
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

NOTES:
 1. FOR EXISTING BRIDGE REMOVAL DETAILS, SEE BRIDGE STRUCTURAL DRAWINGS.



1 DEMOLITION OVERALL PLATFORM FLOOR PLAN
 SCALE: 1" = 20'-0"



10/16/17 AM 0161708-60W29-AD-100.dgn



USER NAME = BAWitor†	DESIGNED - WHB	REVISED
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PLOT SCALE = 40:0.0046 ' : ' / in.	DRAWN - WHB	REVISED
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
 DEMOLITION OVERALL PLATFORM FLOOR PLAN

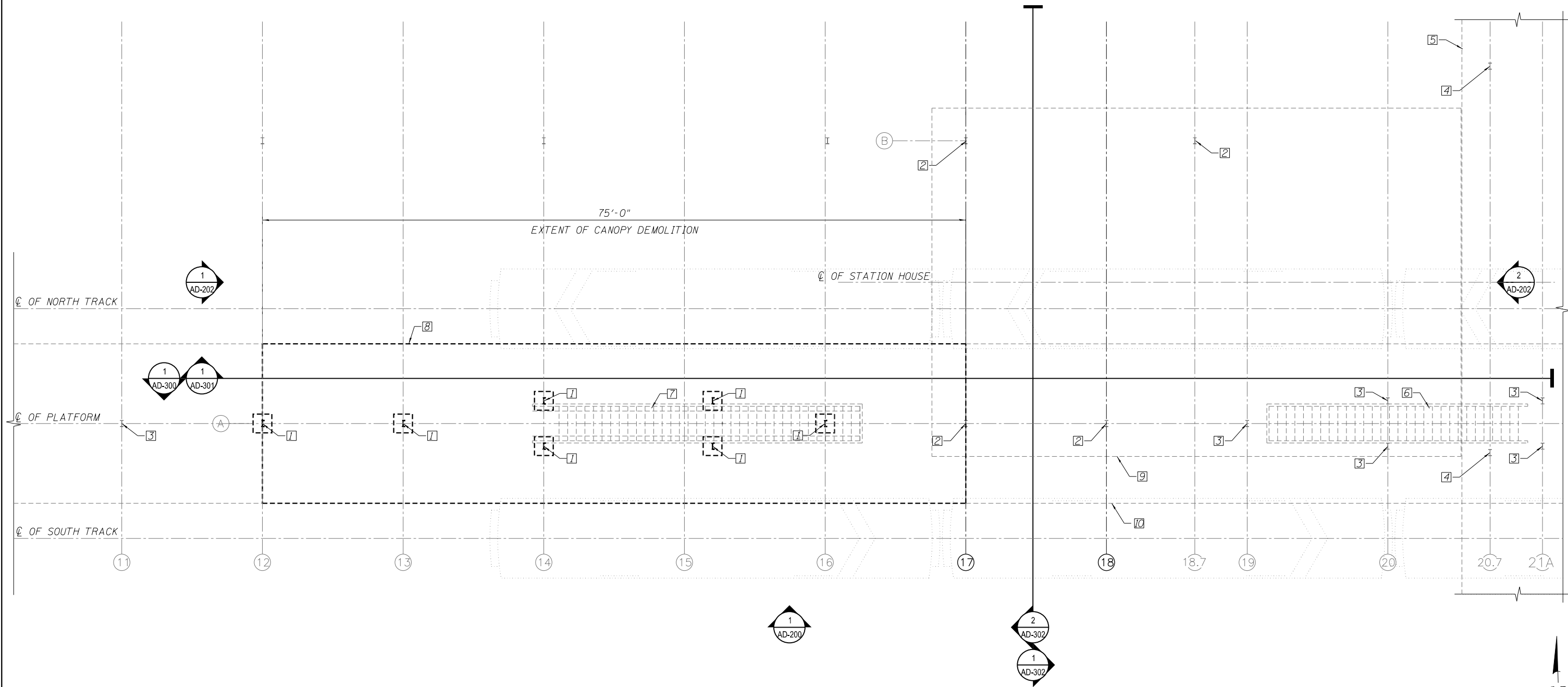
SHEET NO. AD-100 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	215
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

GENERAL NOTES:
 A. SEE STRUCTURAL DRAWINGS FOR TEMPORARY SHORING OF STATION FLOOR FRAMING.

- KEY NOTES:
1. REMOVE PLATFORM CANOPY COLUMN IN ITS ENTIRETY. SEE STRUCTURAL DRAWINGS.
 2. EXISTING STATION COLUMN TO REMAIN.
 3. EXISTING CANOPY COLUMN TO REMAIN.
 4. EXISTING SANITARY SEWER SUPPORT COLUMN TO REMAIN.
 5. EXISTING BRIDGE DECK ABOVE TO BE REMOVED. SEE STRUCTURAL DRAWINGS.
 6. EXISTING PEORIA STREET EAST STAIR TO REMAIN.
 7. REMOVE EXISTING PEORIA STREET WEST STAIR TO REMAIN IN ITS ENTIRETY.
 8. REMOVE PLATFORM CANOPY STRUCTURE.
 9. EXISTING STATION HOUSE EDGE ABOVE TO REMAIN.
 10. EXISTING PLATFORM CANOPY EDGE ABOVE TO REMAIN.



1 DEMOLITION PLATFORM FLOOR PLAN
 SCALE: 3/16" = 1'-0"

10/16/18 AM 0161708-60W29-AD-101.dgn



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PLOT SCALE = 10:8.0012 ' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
 DEMOLITION PLATFORM FLOOR PLAN

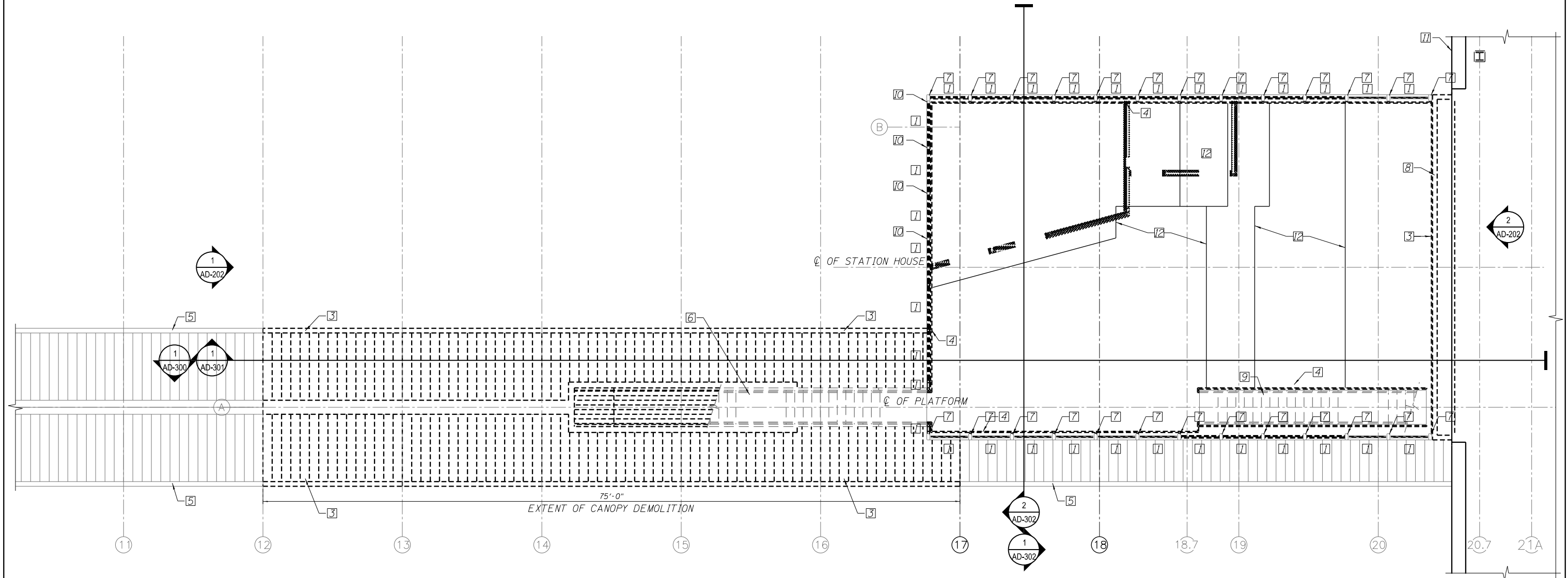
SHEET NO. AD-101 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	216
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		



- KEY NOTES:
1. REMOVE GLAZING STOPS AND SCREWS.
 2. NOT USED.
 3. REMOVE EXISTING PLATFORM CANOPY DECKING TO NEAREST FULL PANEL, ASSOCIATED STRUCTURE, DRAINAGE, COMMUNICATIONS AND LIGHTING. COORDINATE WITH STRUCTURAL, PLUMBING, COMMUNICATION, AND ELECTRICAL. SALVAGE EXISTING LIGHTING FIXTURES.
 4. REMOVE GUARDRAIL AT WINDOW WALL AND STAIR IN ITS ENTIRETY
 5. EXISTING PLATFORM CANOPY STRUCTURE TO REMAIN
 6. REMOVE EXISTING PEORIA STREET STATION WEST STAIR IN ITS ENTIRETY.
 7. EXISTING STEEL TUBE STRUCTURE TO REMAIN, REMOVE FASTENERS.
 8. REMOVE EXISTING MASONRY WALL AND METAL DOOR FRAME IN IT'S ENTIRETY AT EAST FACADE
 9. EXISTING PEORIA STREET STATION EAST STAIRS TO REMAIN
 10. EXISTING 3"x3" VERTICAL STEEL COLUMNS TO REMAIN
 11. NEW BRIDGE. SEE BRIDGE STRUCTURAL DRAWINGS
 12. REMOVE EXISTING CONCRETE FLOOR TOPPING ABOVE PRECAST CONCRETE PLANKS. SEE PLAN SHEET 36.



1 DEMOLITION STATION FLOOR PLAN
SCALE: 3/16" = 1'-0"

10/16/13 9:49 AM
0161708-60W29-AD-120.dgn



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PLOT SCALE = 10:8.0012 'x' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

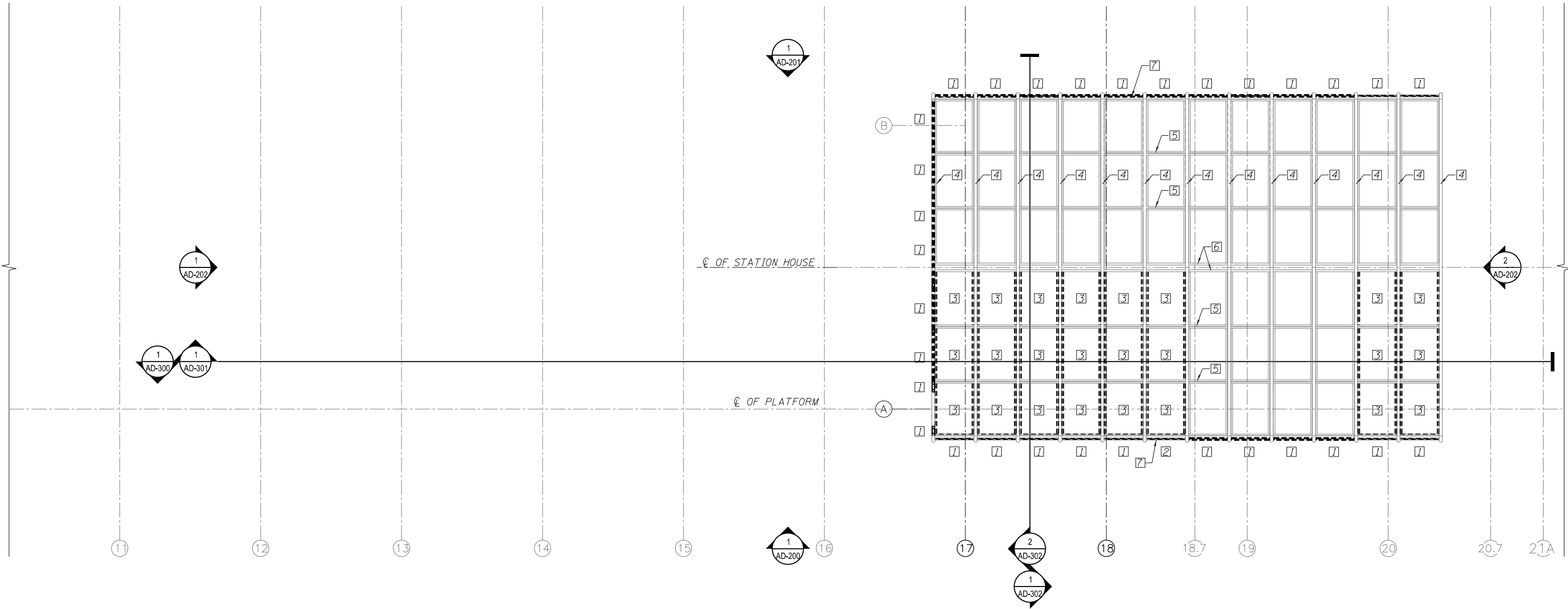
PEORIA STREET STATION
DEMOLITION STATION FLOOR PLAN

SHEET NO. 120 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	217
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT / FED. AID PROJECT				

- KEY NOTES:
1. REMOVE GLAZING, GLAZING STOPS & SCREWS.
 2. NOT USED.
 3. REMOVE STEEL ANGLES WELDED TO MAIN SUPPORT MEMBERS.
 4. EXISTING STEEL TUBE STRUCTURE TO REMAIN.
 5. EXISTING STEEL TEE TO REMAIN.
 6. EXISTING STEEL CHANNELS TO REMAIN.
 7. EXISTING STEEL BENT PLATE TO REMAIN.



1 DEMOLITION STATION REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

10/16/20 AM 0161708-60W29-AD-121.dgn



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PLOT SCALE = 10:8.0012 '4" / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
DEMOLITION STATION REFLECTED CEILING PLAN

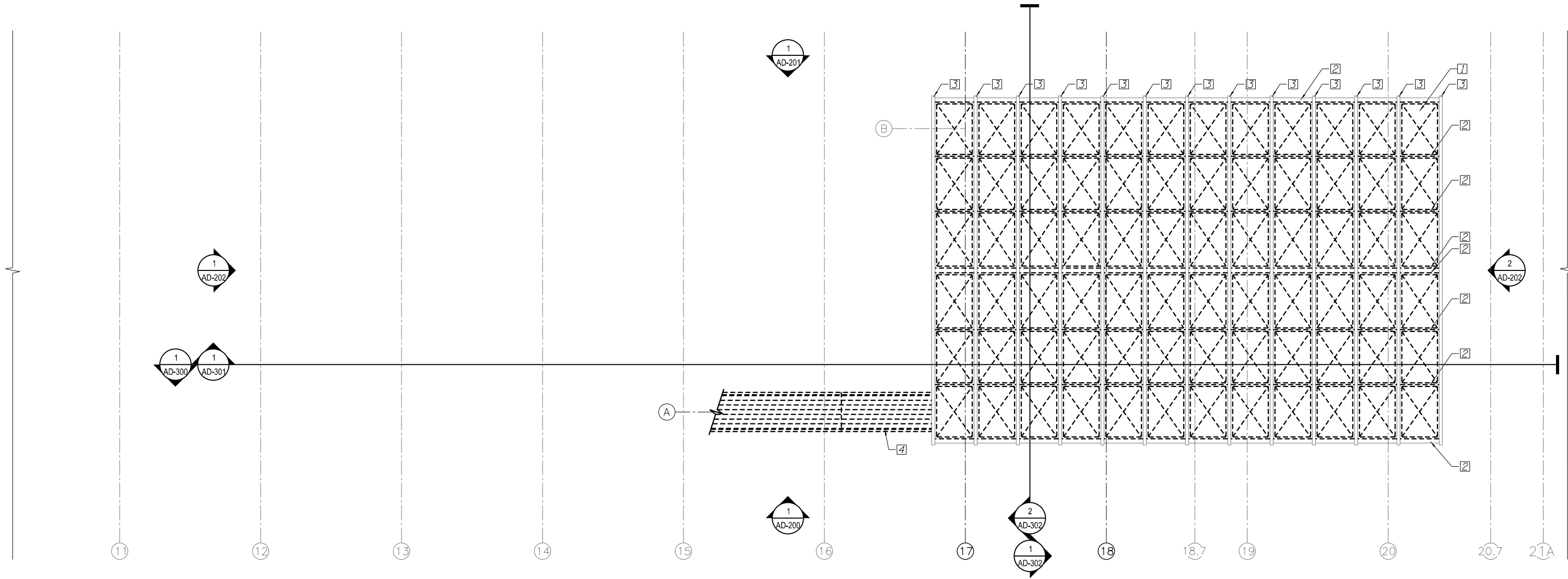
SHEET NO. AD-121 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	218
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		



- KEY NOTES:
1. REMOVE SKYLIGHT UNITS AND SCREWS IN THEIR ENTIRETY, TYP.
 2. EXISTING STRUCTURALFRAMING TO REMAIN, TYP.
 3. EXISTING STEEL TUBE STRUCTURE TO REMAIN
 4. REMOVE STAIR ROOF IN ITS ENTIRETY



1 DEMOLITION STATION ROOF PLAN
SCALE: 3/16" = 1'-0"

10/16/21 AM
0161708-60W29-AD-130.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
DEMOLITION STATION ROOF PLAN

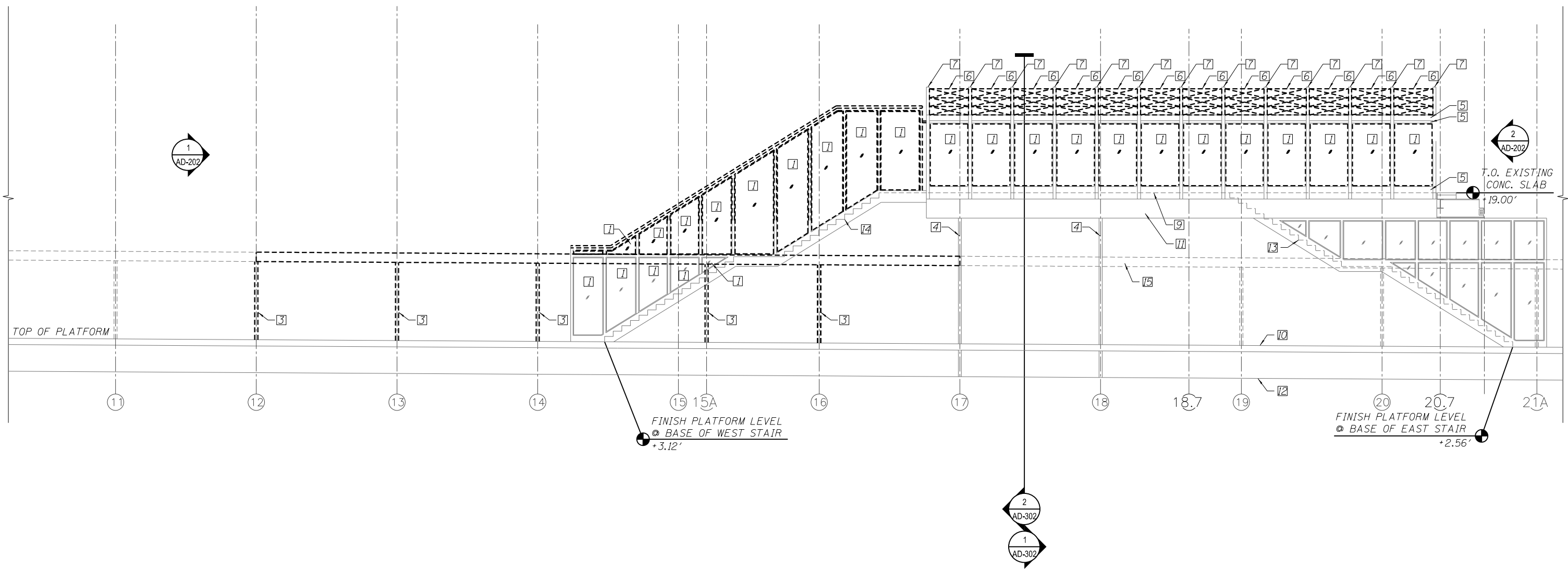
SHEET NO. AD-130 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	219
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		



- KEY NOTES:
1. REMOVE GLAZING AND FRAMEGLAZING STOPS & SCREWS.
 2. NOT USED.
 3. REMOVE PLATFORM CANOPY COLUMN IN ITS ENTIRETY - SEE STRUCTURAL DRAWINGS.
 4. EXISTING STATION COLUMN TO REMAIN.
 5. EXISTING STRUCTURAL FRAMING TO REMAIN, TYP.
 6. REMOVE SKYLIGHT UNITS AND SCREWS IN THEIR ENTIRETY, TYP.
 7. EXISTING STEEL TUBE STRUCTURE TO REMAIN, TYP.
 8. NOT USED.
 9. FINISH FLOOR LEVEL.
 10. PLATFORM LEVEL.
 11. EXISTING STEEL BEAM TO REMAIN.
 12. FINISH GRADE.
 13. EXISTING PEORIA STREET STATION EAST STAIRS TO REMAIN REMOVE EXISTING PEORIA STREET STATION WEST STAIR IN ITS ENTIRETY.
 14. EXISTING PLATFORM CANOPY DASHED FOR CLARITY.



1 DEMOLITION STATION SOUTH ELEVATION
SCALE: 3/16" = 1'-0"

10/16/22 AM 0161708-60W29-AD-200.dgn



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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

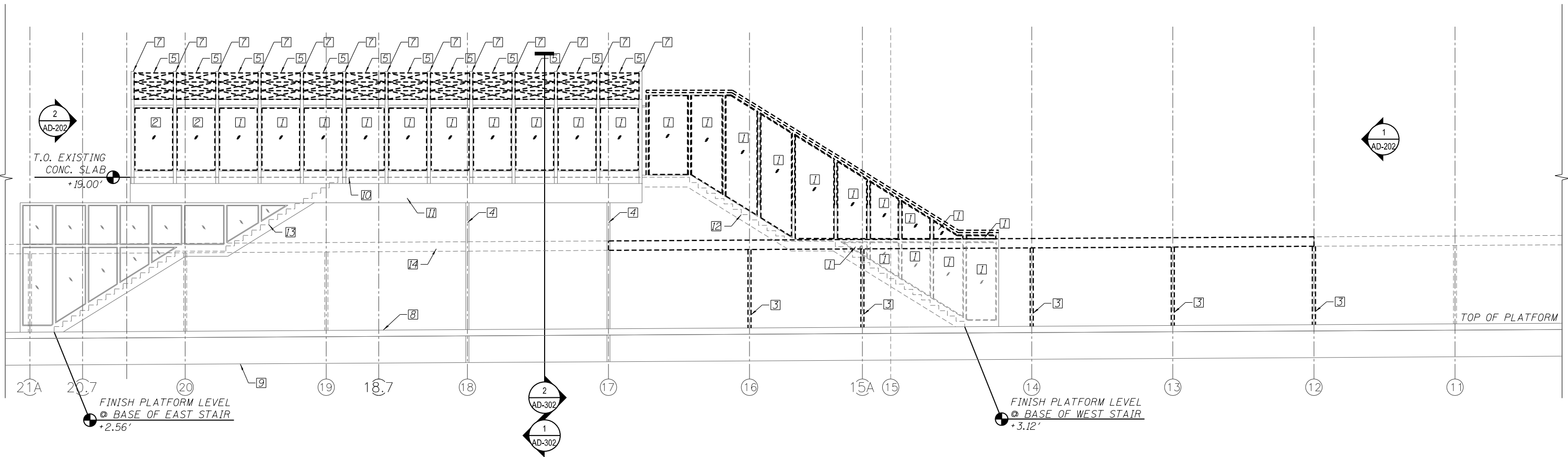
PEORIA STREET STATION
DEMOLITION STATION ELEVATIONS

SHEET NO. AD-2000F 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	220
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES
1. REMOVE GLAZING AND GLAZING STOPS AND SCREWS.
 2. NOT USED.
 3. REMOVE CANOPY COLUMN IN ITS ENTIRETY - SEE STRUCTURAL DRAWINGS.
 4. EXISTING STATION COLUMN TO REMAIN.
 5. REMOVE SKYLIGHT UNITS AND SCREWS IN ITS ENTIRETY.
 6. NOT USED.
 7. EXISTING STEEL TUBE STRUCTURE TO REMAIN, TYP.
 8. PLATFORM LEVEL.
 9. FINISH GRADE.
 10. FINISH FLOOR LEVEL.
 11. EXISTING STRUCTURAL STEEL BEAM TO REMAIN.
 - REMOVE EXISTING PEORIA STREET STATION WEST STAIR IN ITS ENTIRETY.
 12. EXISTING PEORIA STREET STATION EAST STAIR TO REMAIN.
 13. PLATFORM CANOPY DASHED FOR CLARITY.



1 DEMOLITION STATION NORTH ELEVATION
SCALE: 3/16" = 1'-0"

10/16/23 AM 0161708-60W29-AD-201.dgn



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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

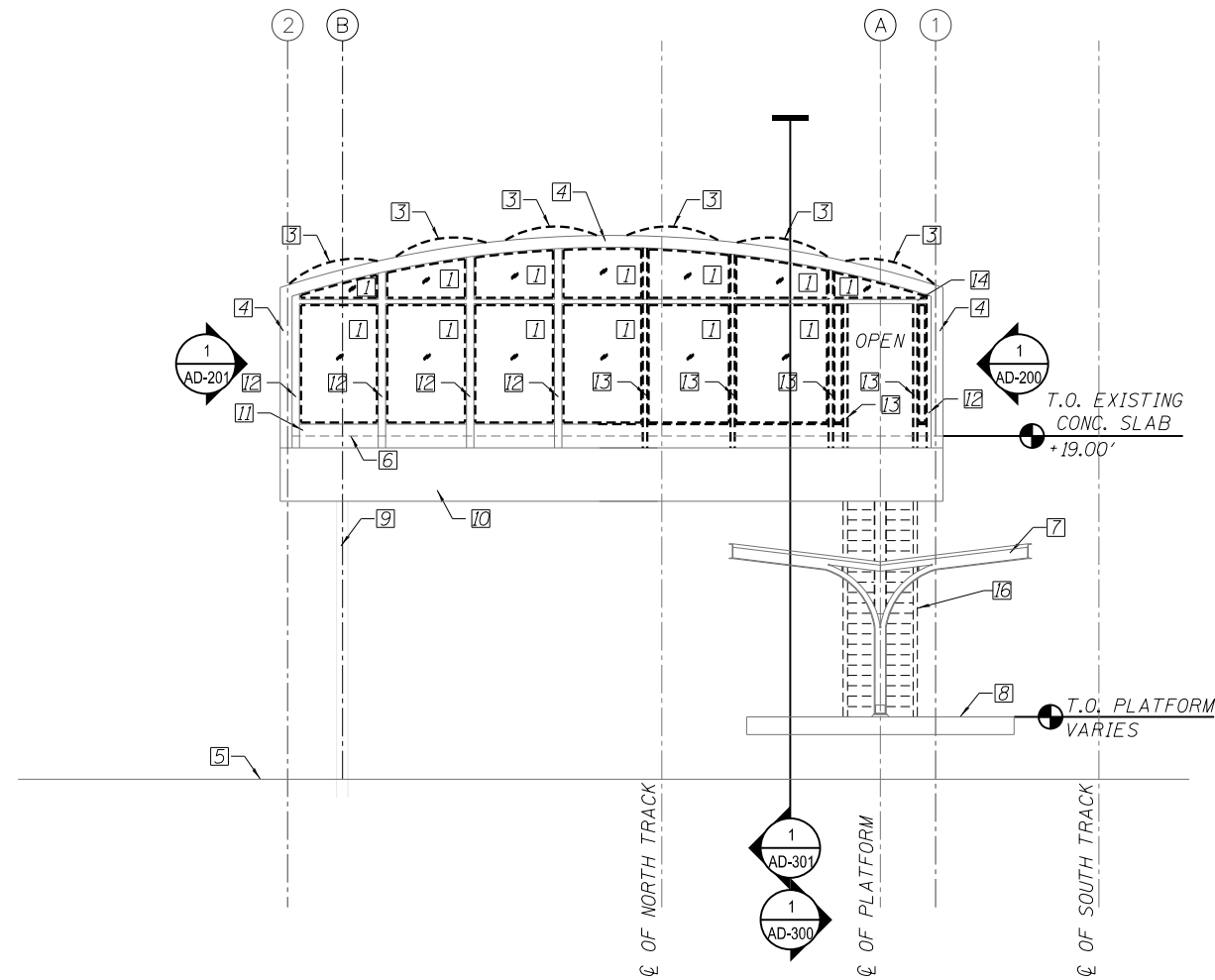
PEORIA STREET STATION
DEMOLITION STATION ELEVATIONS

SHEET NO. AD-201 OF 117 SHEETS

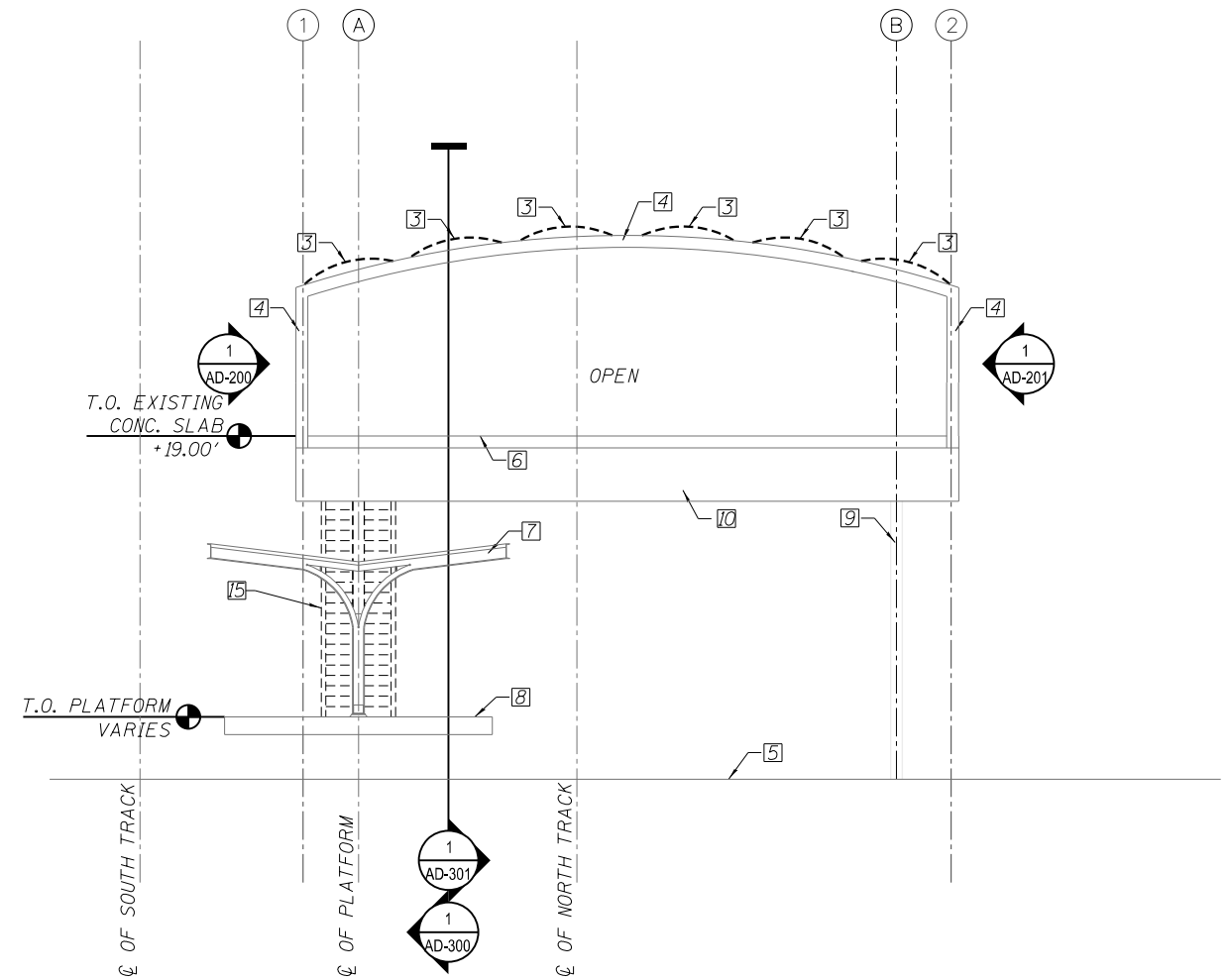
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	221
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. REMOVE GLAZING, GLAZING STOPS AND SCREWS.
 2. NOT USED.
 3. REMOVE SKYLIGHT UNITS IN THEIR ENTIRETY.
 4. EXISTING STEEL TUBE STRUCTURE TO REMAIN.
 5. FINISH GRADE.
 6. FINISH FLOOR LEVEL.
 7. PLATFORM CANOPY & STRUCTURE.
 8. PLATFORM LEVEL.
 9. EXISTING STATION COLUMN TO REMAIN.
 10. EXISTING STRUCTURAL STEEL BEAM TO REMAIN.
 11. EXISTING STRUCTURAL FRAMING TO REMAIN, TYP.
 12. EXISTING 3" X 3" STRUCTURAL COLUMN TO REMAIN, TYP.
 13. REMOVE 3" X 3" STRUCTURAL COLUMN.
 14. EXISTING 3" X 3" STRUCTURAL BEAM TO REMAIN.
 15. EXISTING STAIR DASHED FOR CLARITY.
 16. EXISTING STAIR TO BE REMOVED, DASHED FOR CLARITY.



1 DEMOLITION STATION WEST ELEVATION
 SCALE: 3/16" = 1'-0"
 *STAIR NOT SHOWN FOR CLARITY



2 DEMOLITION STATION EAST ELEVATION
 SCALE: 3/16" = 1'-0"

10/16/24 AM 0161708-60W29-AD-202.dgn



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

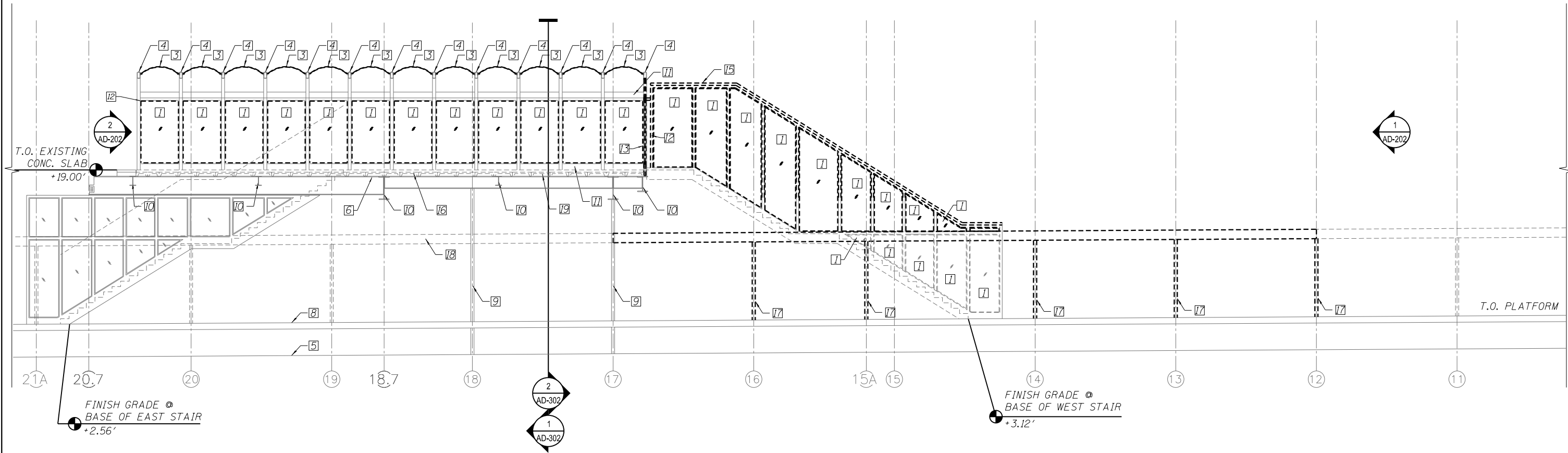
PEORIA STREET STATION
 DEMOLITION STATION ELEVATIONS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	222
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT			FED. AID PROJECT	

SHEET NO. AD-2020F 117 SHEETS

- KEY NOTES:
1. REMOVE GLAZING, GLAZING STOPS AND SCREWS IN ITS ENTIRETY.
 2. NOT USED.
 3. REMOVE SKYLIGHT UNITS AND SCREWS IN ITS ENTIRETY
 4. EXISTING STEEL TUBE STRUCTURE TO REMAIN
 5. FINISH GRADE.
 6. FINISH FLOOR.
 7. REMOVE EXISTING PLATFORM CANOPY.
 8. PLATFORM LEVEL.
 9. EXISTING STATION COLUMN TO REMAIN, TYP.
 10. EXISTING STRUCTURAL STEEL BEAM TO REMAIN
 11. EXISTING STRUCTURAL FRAMING TO REMAIN, TYP.
 12. EXISTING 3" X 3" STRUCTURAL COLUMN TO REMAIN, TYP.
 13. REMOVE 3" X 3" STRUCTURAL COLUMN - SEE DEMOLITION PLANS.
 14. NOT USED.
 15. REMOVE WEST STAIR IN ITS ENTIRETY.
 16. EXISTING PRECAST CONCRETE PLANK TO REMAIN, TYP.
 17. REMOVE CANOPY COLUMN IN ITS ENTIRETY - SEE STRUCTURAL DRAWINGS.
 18. PLATFORM CANOPY DASHED FOR CLARITY.
 19. REMOVE EXISTING CONCRETE TO PIER SLAB WHERE INDICATED ON DEMOLITION PLANS 23 OF XXX. PROTECT EXISTING. PRECAST CONCRETE PLANK TO REMAIN.



1 DEMOLITION STATION SECTION LOOKING SOUTH
SCALE: 3/16" = 1'-0"

10/16/25 AM 0161708-60W29-AD-300.dgn



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PLOT DATE = 10/29/2013	DRAWN - WHB	REVISED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

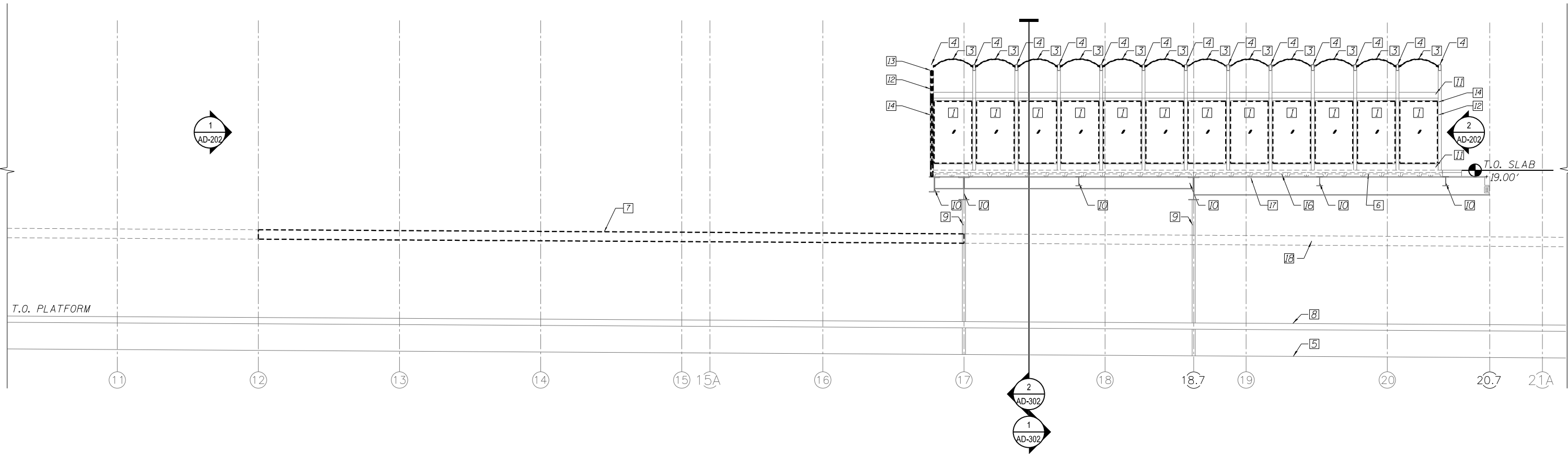
PEORIA STREET STATION
DEMOLITION STATION SECTIONS

SHEET NO. AD-3000F 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	223
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. REMOVE GLAZING, GLAZING STOPS AND SCREWS.
 2. NOT USED.
 3. REMOVE SKYLIGHT UNITS AND SCREWS IN THEIR ENTIRETY.
 4. EXISTING STEEL TUBE STRUCTURE TO REMAIN.
 5. FINISH GRADE.
 6. FINISH FLOOR.
 7. REMOVE EXISTING PLATFORM CANOPY.
 8. PLATFORM LEVEL.
 9. EXISTING STATION COLUMN TO REMAIN.
 10. EXISTING STRUCTURAL STEEL BEAM TO REMAIN.
 11. EXISTING STRUCTURAL FRAMING TO REMAIN, TYP.
 12. EXISTING 3" X 3" STRUCTURAL COLUMN TO REMAIN, TYP.
 13. REMOVE 3" X 3" STRUCTURAL COLUMN (SEE DEMOLITION PLAN).
 14. EXISTING 3" X 3" STRUCTURAL BEAM TO REMAIN.
 15. NOT USED.
 16. EXISTING PRECAST CONCRETE PLANK TO REMAIN, TYP.
 17. REMOVE EXISTING CONCRETE TOPPING SLAB WHERE INDICATED ON DEMOLITION PLAN 23 OF 111. PROTECT EXISTING PRECAST CONCRETE PLANK, TO REMAIN.
 18. CANOPY DASHED FOR CLARITY



1 DEMOLITION STATION SECTION LOOKING NORTH
SCALE: 3/16" = 1'-0"

10/16/26 AM 0161708-60W29-AD-301.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

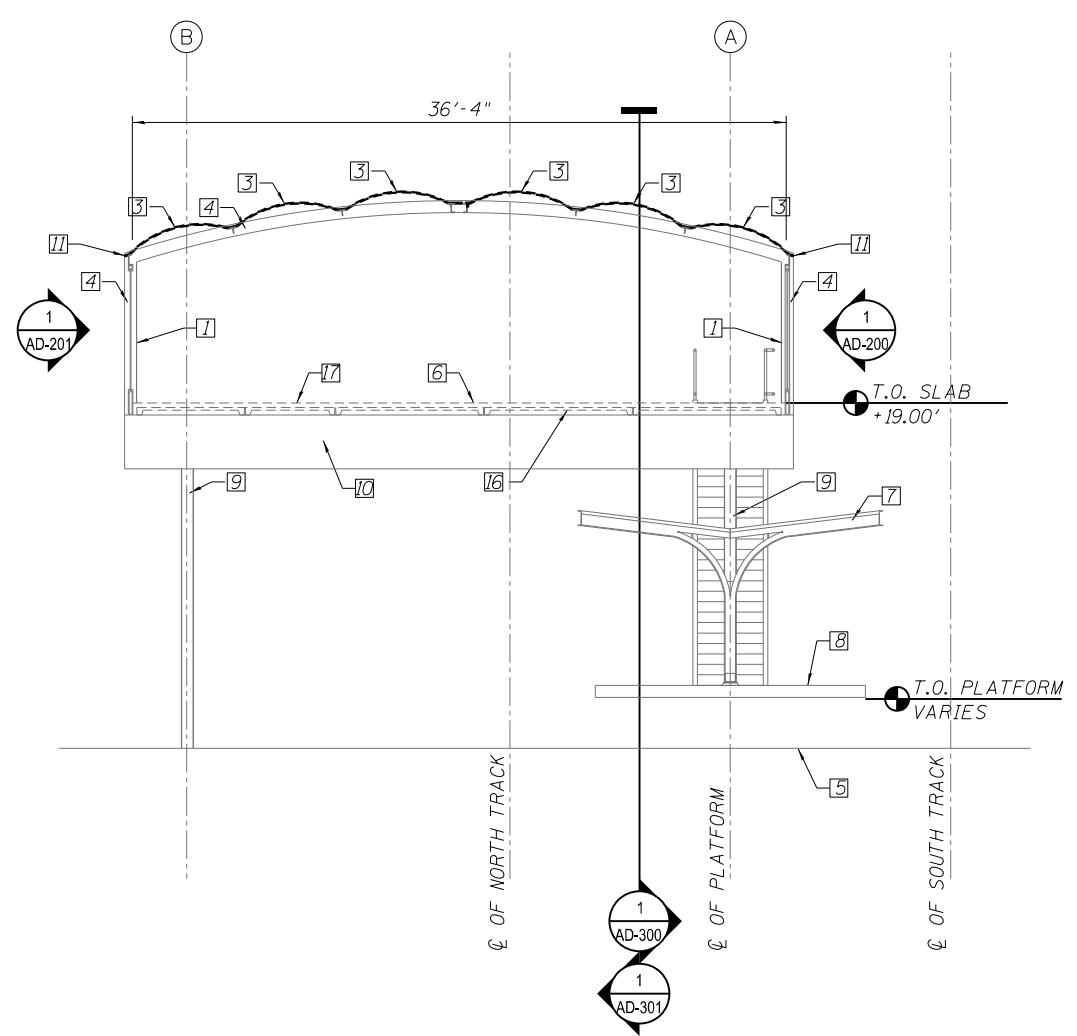
PEORIA STREET STATION
DEMOLITION STATION SECTIONS

SHEET NO. AD-301 OF 117 SHEETS

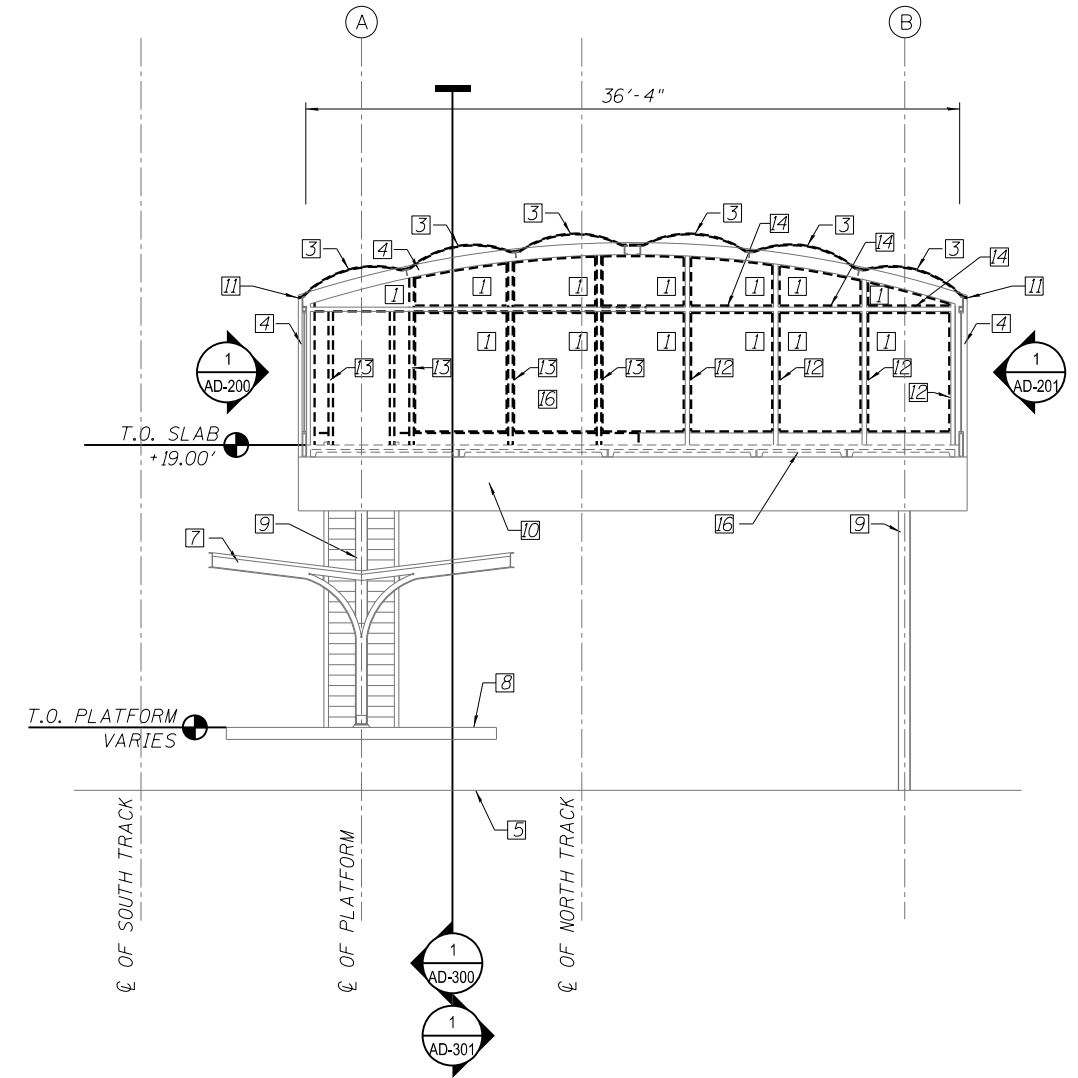
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	224
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT FED. AID PROJECT				

- KEY NOTES:
1. REMOVE GLAZING, GLAZING STOPS AND SCREWS.
 2. NOT USED.
 3. REMOVE SKYLIGHT UNIT IN ITS ENTIRETY.
 4. EXISTING STEEL TUBE STRUCTURE TO REMAIN.
 5. FINISH GRADE.
 6. FINISH FLOOR.
 7. PLATFORM CANOPY.
 8. PLATFORM LEVEL.
 9. EXISTING STATION COLUMN TO REMAIN
 10. EXISTING STRUCTURAL STEEL BEAM TO REMAIN
 11. EXISTING STRUCTURAL FRAMING TO REMAIN, TYP.
 12. EXISTING 3" X 3" STRUCTURAL COLUMN TO REMAIN, TYP.
 13. REMOVE 3" X 3" STRUCTURAL COLUMN
 14. EXISTING 3" X 3" STRUCTURAL BEAM TO REMAIN
 15. NOT USED.
 16. EXISTING PRECAST CONCRETE PLANK TO REMAIN, TYP.
 17. REMOVE EXISTING CONCRETE TOPPING SLAB WHERE INDICATED ON DEMOLITION PLAN 23. PROTECT EXISTING PRECAST CONCRETE PLANK, TO REMAIN.



1 STATION SECTION LOOKING EAST
 SCALE: 3/16" = 1'-0"
 * ROADWAY BRIDGE NOT SHOWN FOR CLARITY



2 STATION SECTION LOOKING WEST
 SCALE: 3/16" = 1'-0"

10/16/27 AM 0161708-60W29-AD-302.dgn



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
 DEMOLITION STATION SECTIONS

SHEET NO. AD-3020F 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	225
CONTRACT NO.			60W29	
ILLINOIS		FED. AID PROJECT	FED. AID PROJECT	



EXISTING FARE COLLECTION MACHINES
SCALE: NTS



EXISTING TURNSTYLES
SCALE: NTS



EXISTING TURNSTYLES AND GATE
SCALE: NTS



EXISTING BENCH
SCALE: NTS

10/16/28 AM 0161708-60W29-AD-700.dgn



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	CHECKED - CRR	REVISED
PLOT SCALE = 0:2.0000 '1" / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION EXISTING CONDITION PHOTOS**

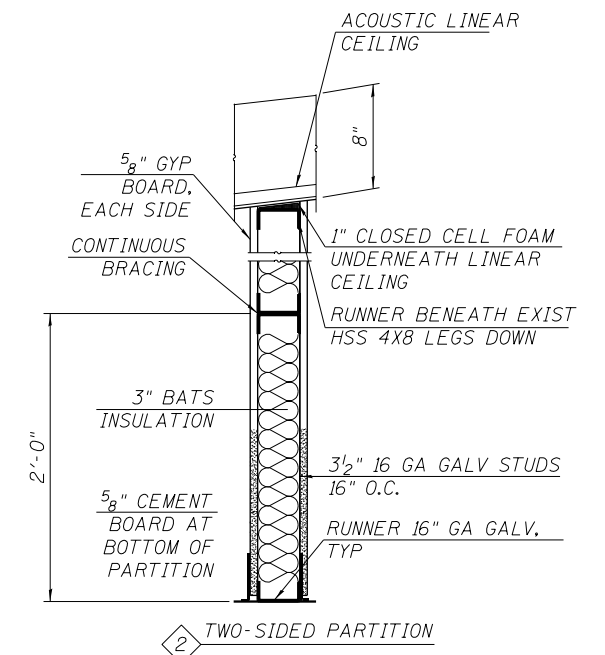
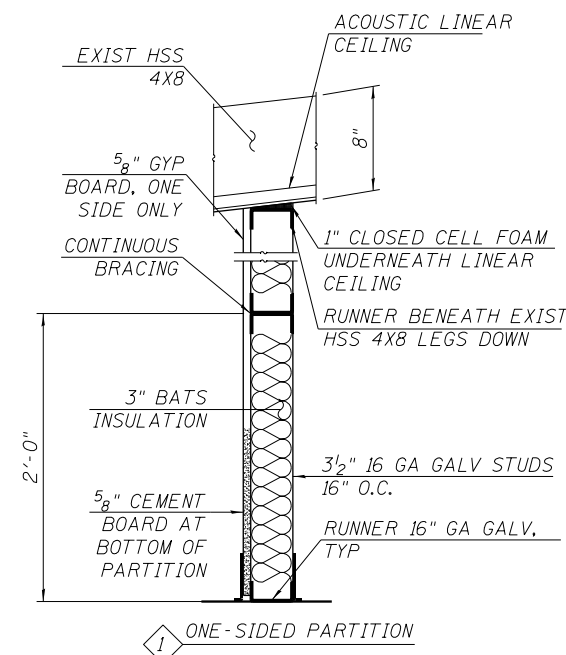
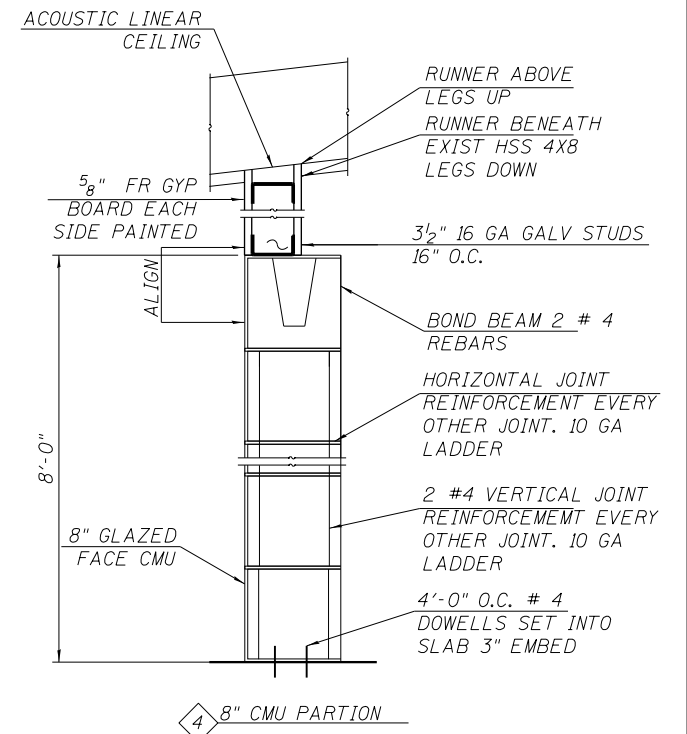
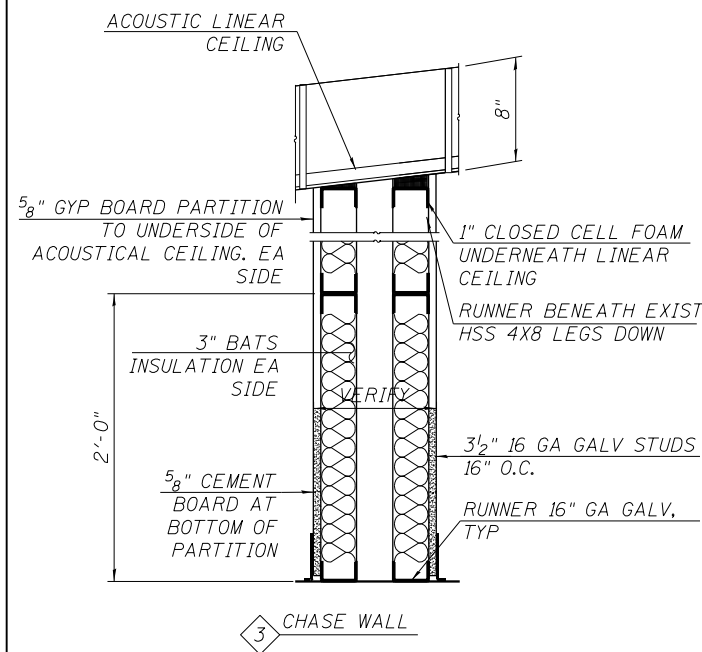
SHEET NO. AD-7000F 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	226
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. IDOT EXPRESSLY DISCLAIMS ANY RESPONSIBILITY ARISING FROM ANY UNAUTHORIZED USE OF THESE DRAWINGS PLANS, AND NOTES. ANY AUTHORIZATION MUST BE IN WRITING. THESE DRAWINGS MAY HAVE BEEN REPRODUCED AT A SIZE DIFFERENT THAN ORIGINALLY DRAWN. OWNER AND ARCHITECT ASSUME NO RESPONSIBILITY FOR USE OF INCORRECT SCALE.
2. ALL CONSTRUCTION SHALL COMPLY WITH THE CURRENT CHICAGO BUILDING CODE, ALL APPLICABLE MUNICIPAL, STATE AND FEDERAL REGULATIONS HAVING JURISDICTION, INCLUDING THE STATE OF ILLINOIS ACCESSIBILITY STANDARDS AND ADA REQUIREMENTS.
3. FINISH FLOOR ELEVATIONS NOTED ARE BASED ON THE CHICAGO CITY DATUM, UNLESS NOTED OTHERWISE.
4. IT IS IMPERATIVE THAT THE CONTRACTOR FULLY FAMILIARIZED ITSELF WITH ALL EXISTING SITE CONDITIONS, SURVEYS, AND REPORTS. THE CONTRACTOR MUST VERIFY ALL FIELD DIMENSIONS AND CONDITIONS SHOWN OR DESCRIBED TO BE EXISTING BY ITS OWN FIELD SURVEY PRIOR TO THE START OF SHOP DRAWING PREPARATION, FABRICATION, OR SITE CONSTRUCTION. NOTIFY THE ARCHITECT OF DISCREPANCIES IN WRITING BEFORE PROCEEDING WITH WORK.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED BLOCKING, SUPPORTS, AND BRACING REQUIRED TO ACHIEVE SPECIFICALLY INDICATED OR NOT.
6. ALL EXPOSED STEEL TO BE PREPARED AND PAINTED UNLESS OTHERWISE NOTED.
7. NEW STEEL TO BE GALVANIZED UNLESS OTHERWISE NOTED.
8. REFER TO STRUCTURAL DRAWINGS FOR ALL DIMENSIONS THAT ESTABLISH LOCATIONS OF STRUCTURAL ELEMENTS AND THEIR LOCATION ON THE SITE. DIMENSIONS OF THE ITEMS IN THE ARCHITECTURAL SET ARE FOR REFERENCE ONLY.



10/16/31 AM
0161708-60W29-A-001.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
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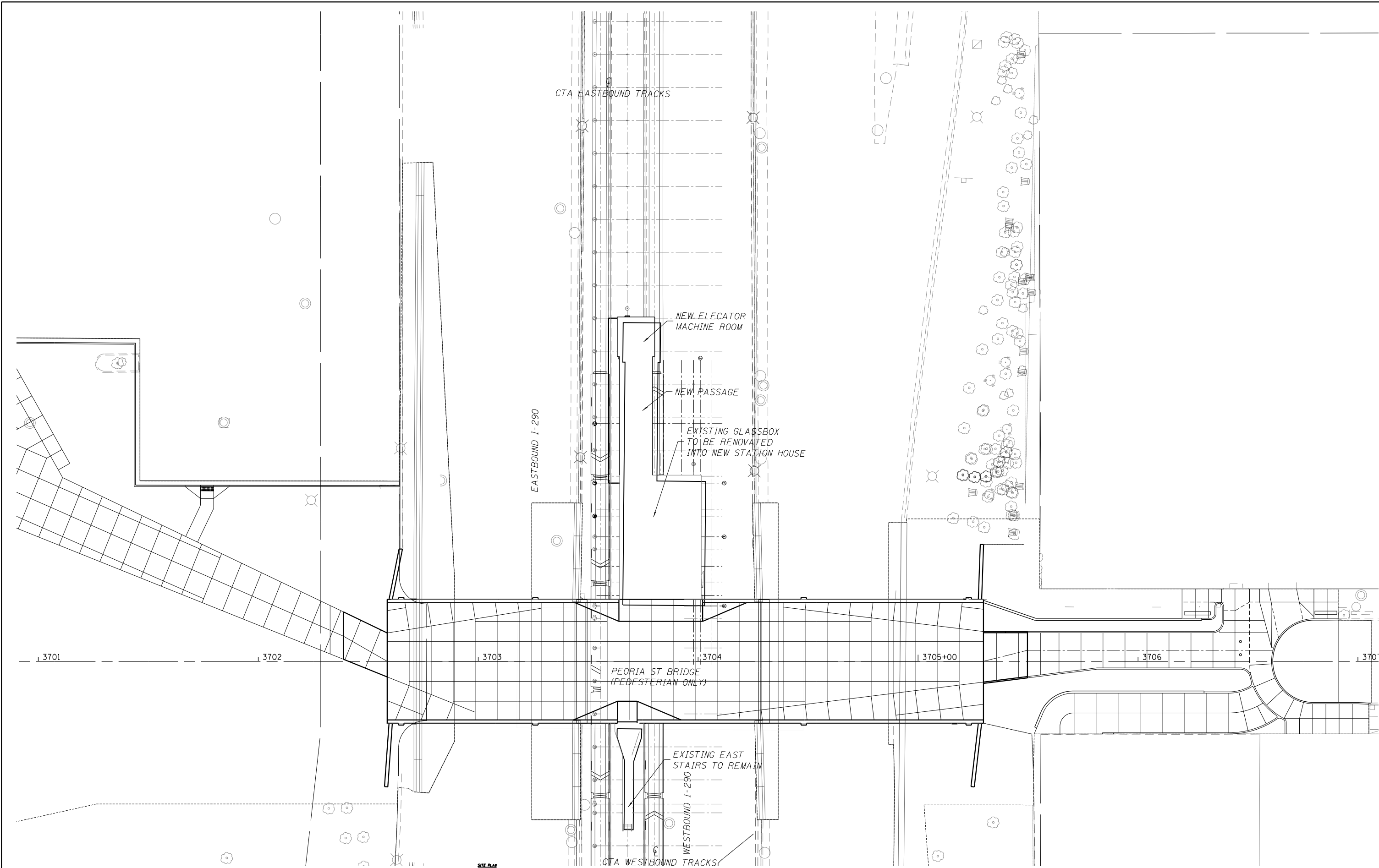
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
GENERAL NOTES

SHEET NO. A-001 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	227
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		



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0161708-60W29-A-002.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
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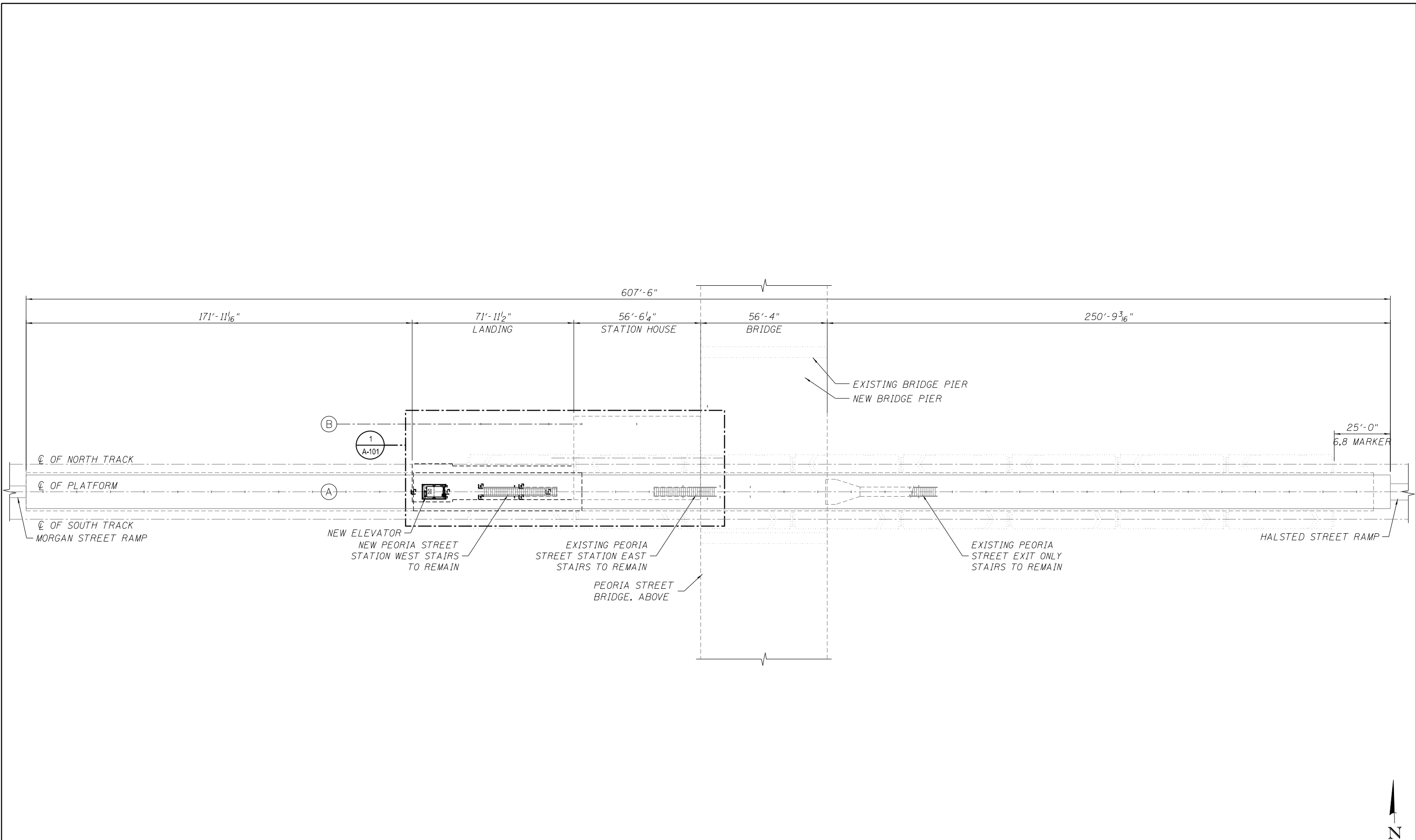
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ARCHITECTURAL SITE PLAN**

SHEET NO. A-002 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	228
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				



1 OVERALL PLATFORM PLAN
SCALE: 1" = 20'-0"



10/16/13 3:36 AM 0161708-60W29-A-100.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

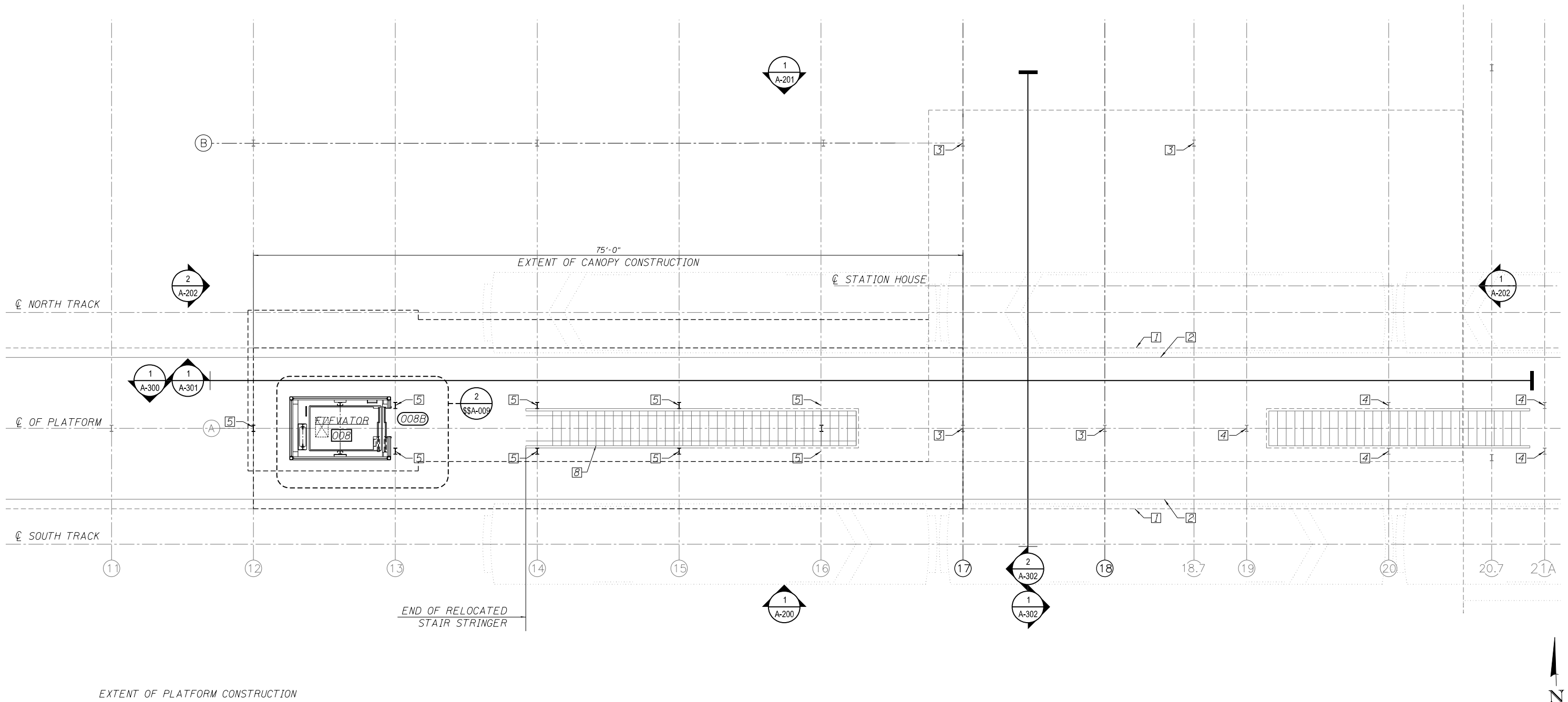
**PEORIA STREET STATION
OVERALL PLATFORM FLOOR PLAN**

SHEET NO. A-100 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	229
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. PLATFORM CANOPY ABOVE.
 2. PLATFORM EDGE.
 3. EXISTING STATION COLUMN TO REMAIN.
 4. EXISTING PLATFORM CANOPY COLUMN TO REMAIN, TYP.
 5. NEW PLATFORM CANOPY COLUMN.
 6. EXISTING CANE RAIL.
 7. NEW CAN RAIL. MATCH EXISTING CANE RAIL.
 8. RELOCATE EXISTING STEEL STAIR STRINGERS AND TUBE FRAME AND GLAZING. PREP / PAINT ALL STEEL. NEW CAST IRON



1 OVERALL PLATFORM FLOOR PLAN
SCALE: 3/16" = 1'-0"

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0161708-60W29-A-101.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 10:8.0012 '4" / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
OVERALL PLATFORM FLOOR PLAN

SHEET NO. A-101 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	230
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

BILL OF MATERIAL

ITEM	UNIT	TOTAL QUANTITY
CONCRETE (CTA)	L. SUM	1
DEMOLITION (CTA)	L. SUM	1
STRUCTURAL STEEL AND METAL DECK (CTA)	L. SUM	1
MASONRY (CTA)	L. SUM	1
ELEVATOR (CTA)	L. SUM	1
MECHANICAL AND PLUMBING WORK (CTA)	L. SUM	1
ELECTRICAL AND COMMUNICATIONS WORK (CTA)	L. SUM	1
EARTHWORK, EXTERIOR IMPROVEMENTS AND UTILITIES WORK (CTA)	L. SUM	1

* MASONRY, METALS, CARPENTRY, THERMAL, AND MOISTURE PROTECTION, OPENINGS, FINISHES, SPECIALTIES, EQUIPMENT, FURNISHINGS, SPECIAL CONSTRUCTION WORK (CTA)

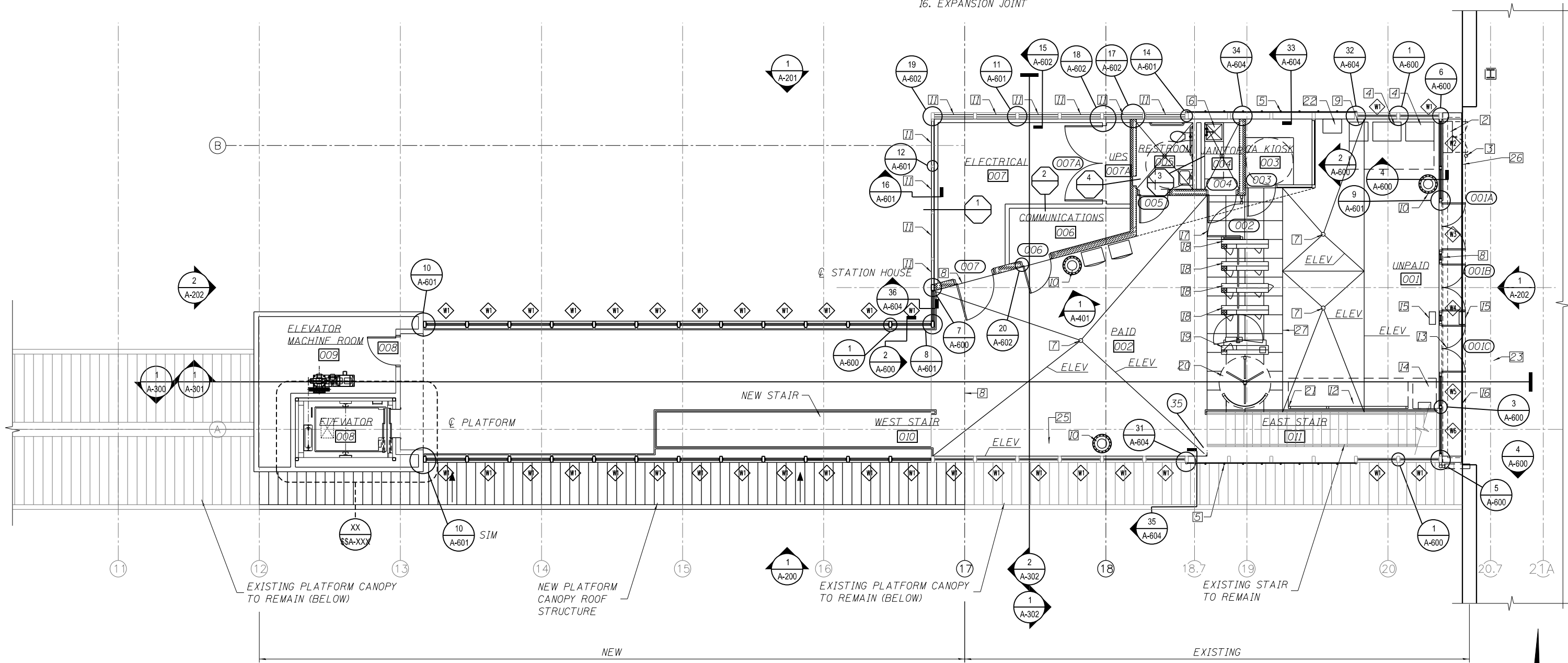
GENERAL NOTES:

1. CONTRACTOR TO INSTALL ITEMS SUPPLIED BY CTA

KEY NOTES:

1. NOT USED
2. GENERATOR TAP BOX
3. BOLLARD
4. FARE VENDING MACHINE PROVIDED BY FARE VENDOR
5. POLYCARBONATE WALL SYSTEM TO MATCH ROOF COLOR
6. MOP BASIN
7. FLOOR DRAIN
8. CONTROL JOINT
9. AUTOMATED TELLER MACHINE
10. TRASH RECEPTACLE
11. EXTERIOR INSULATED METAL PANEL
12. TRANSIT BOARD
13. POWER-OPERATED DOOR
14. UIC PHONE
15. PEDESTAL MOUNT DOOR ACTUATOR
16. EXPANSION JOINT

17. STAINLESS STEEL GATE
18. STANDARD TURNSTILE PROVIDED BY FARE VENDOR
19. TWO-WAY ACCESSIBLE TURNSTILE
20. STAINLESS STEEL ROTOGATE
21. STAINLESS STEEL BARRIER
- 22.
23. CANOPY ABOVE
24. EXPOSED STRUCTURAL FRAME - SEE STRUCTURAL
- 25.
26. EXPANSION JOINT - SEE STRUCTURAL PLANS.
27. RECESSED STONE TILES



1 STATION FLOOR PLAN
SCALE: 1/4" = 1'-0"

10/16/38 AM 0161708-60W29-A-120.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 10:8.0015 ft:in / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

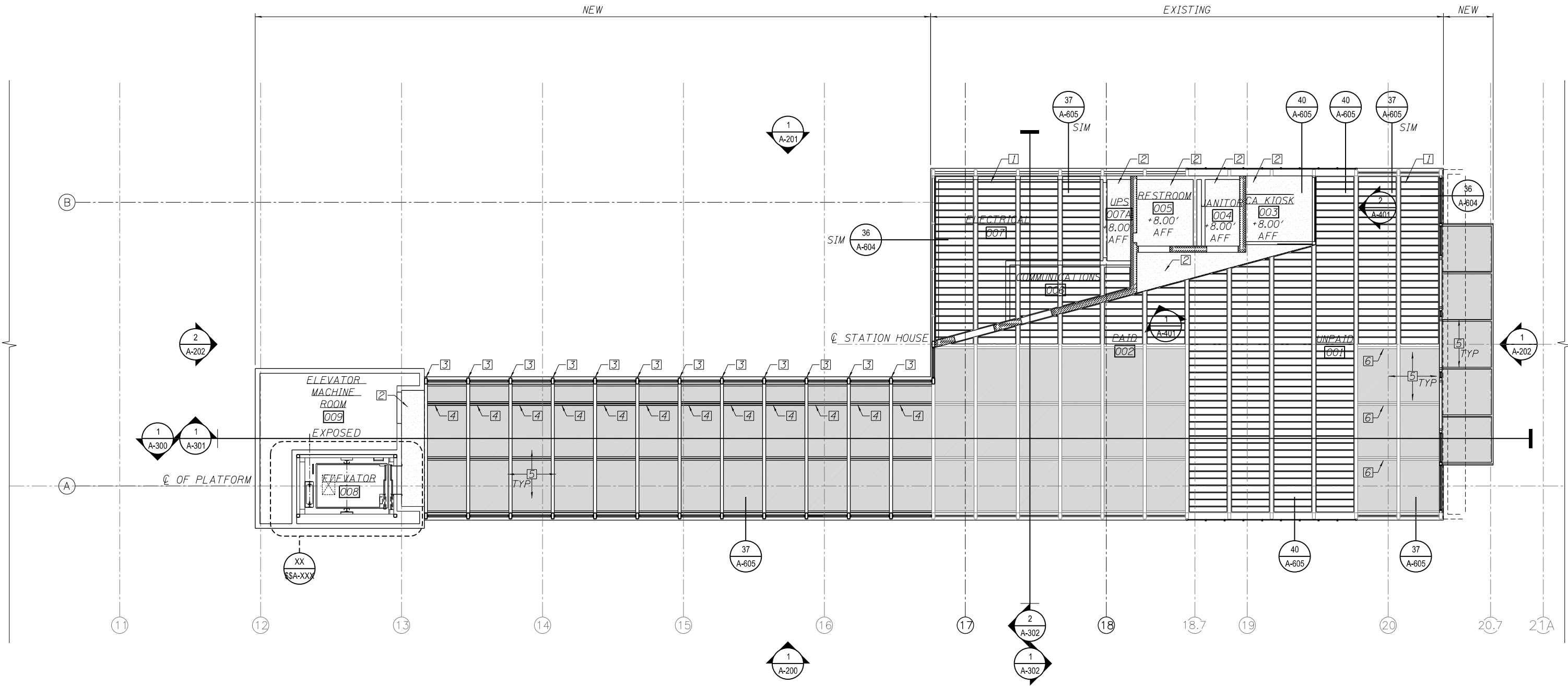
**PEORIA STREET STATION
STATION FLOOR PLAN**

SHEET NO. A-120 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	231
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. PRE FINISHED LINEAR METAL CEILING
 2. GYPSUM BOARD CEILING / SOFFIT - PAINTED
 3. NEW STRUCTURAL TUBE FRAME - SEE STRUCTURAL PLANS
 4. NEW STRUCTURAL FRAMING - SEE STRUCTURAL PLANS
 5. EXPOSED TRANSLUCENT ROOF PANELS
 6. NEW HSS 2x4 TRANSLUCENT ROOF PANEL INTERMEDIATE SUPPORT - SEE STRUCTURAL PLANS.



1 REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

10/16/13 9 AM 0161708-60W29-A-121.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 10:8.0012 '4" / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

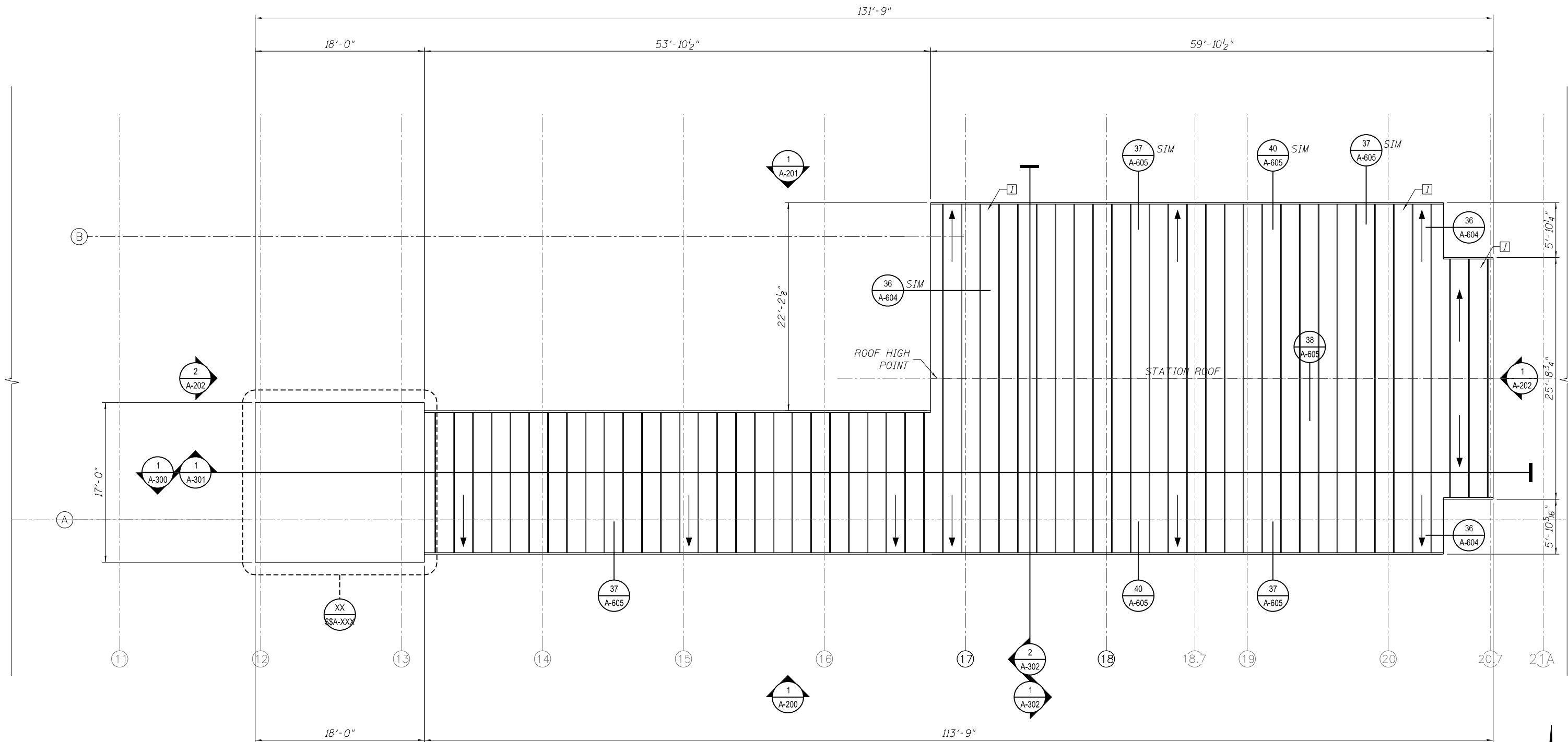
PEORIA STREET STATION
STATION REFLECTED CEILING PLAN

SHEET NO. A-121 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	232
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
 1. POLYCARBONATE STANDING SEAM ROOF SYSTEM
 2. EX SINGLE PLY ROOF
 3. ROOF DRAINS
 4. STAINLESS STEEL COPING



1 STATION ROOF PLAN
 SCALE: 3/16" = 1'-0"

10/16/41 AM
 0161708-60W29-A-130.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
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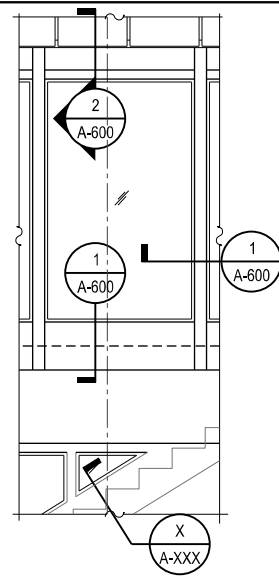
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
 STATION ROOF PLAN

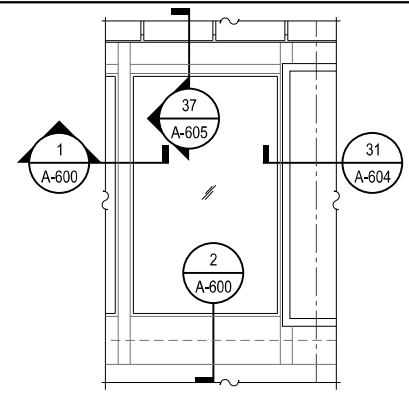
SHEET NO. A-130 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

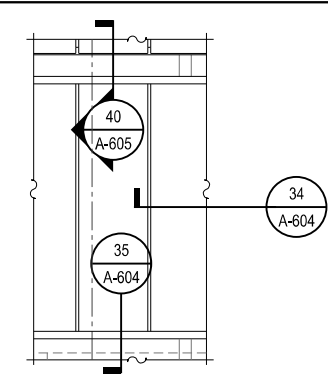
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	233
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		



2 TYPICAL STAIR WINDOW
SCALE: 3/8" = 1'-0"

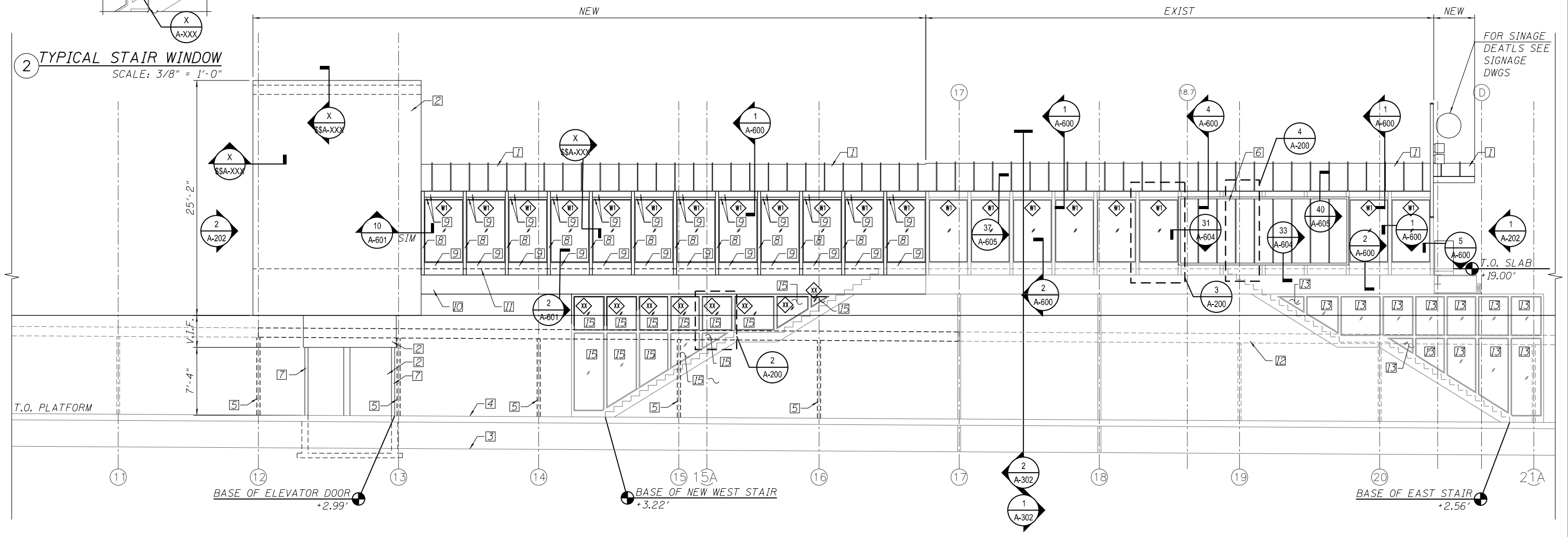


3 TYPICAL TRANSLUCENT METAL PANEL
SCALE: 3/8" = 1'-0"



4 TYPICAL WINDOW DETAIL
SCALE: 3/8" = 1'-0"

- KEY NOTES:
1. TRANSLUCENT PANEL ROOF SYSTEM
 2. INSULATED METAL PANEL WALL SYSTEM
 3. FINISH GRADE
 4. PLATFORM LEVEL
 5. NEW CANOPY COLUMN
 6. TRANSLUCENT PANEL WALL SYSTEM TO MATCH ROOF COLOR
 7. PAINTED STEEL HOISTWAY STRUCTURE-SEE STR DWGS
 8. NEW STEEL TUBE STRUCTURAL-SEE STR DWGS
 9. NEW STRUCTURAL FRAMING-SEE STR DWGS
 10. STRUCTURAL BEAM-SEE STR DWGS
 11. FINISH FLOOR
 12. PLATFORM, CANOPY AND CANOPY COLUMNS DASHED FOR CLARITY
 13. DEGLAZE EXST STAIR WINDOWS.
 14. RELOCATE EXST STAIR.
 15. REGLAZE RELOCATED EXIST STAIR WINDOWS.
 16. CONCRETE PARTITION WALL.



1 STATION SOUTH ELEVATION
SCALE: 3/16" = 1'-0"

10/16/14: AM 0161708-60W29-A-200.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
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PLOT SCALE = 10:8.0012 ' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

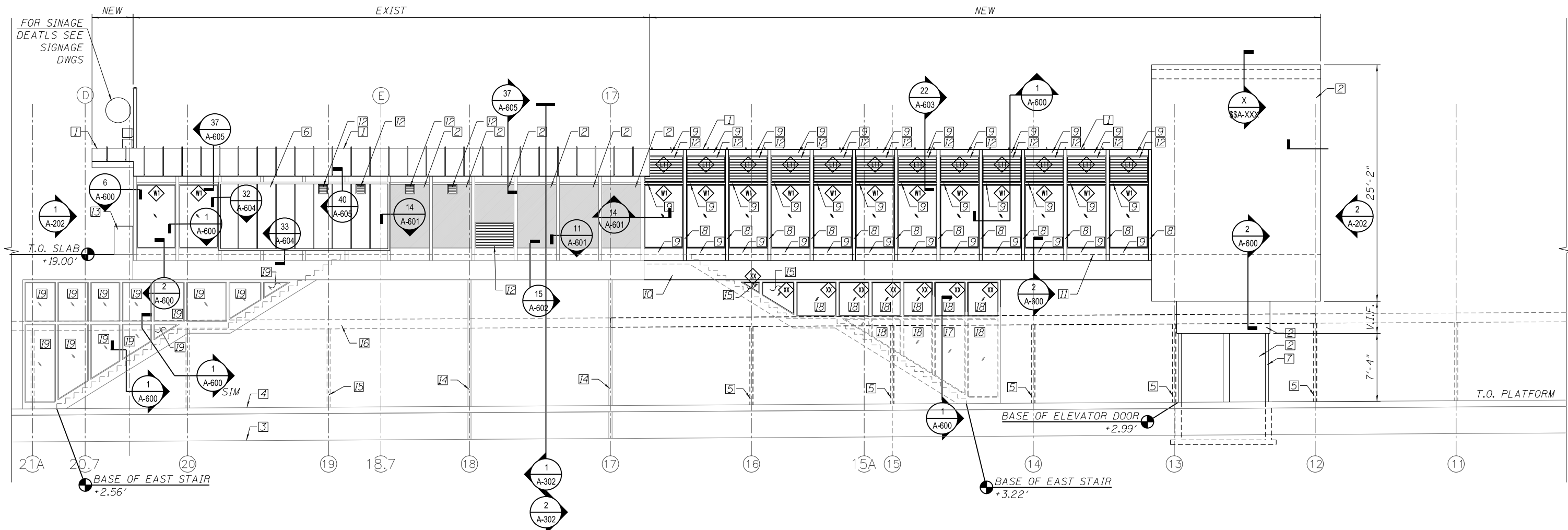
PEORIA STREET STATION
STATION ELEVATION

SHEET NO. A-200 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	234
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT FED. AID PROJECT				

- KEY NOTES:
1. TRANSLUCENT PANEL ROOF SYSTEM
 2. INSULATED METAL PANEL WALL SYSTEM
 3. FINISH GRADE
 4. PLATFORM LEVEL
 5. NEW CANOPY COLUMN
 6. TRANSLUCENT PANEL WALL SYSTEM TO MATCH ROOF-SEE STR DWGS
 7. PAINTED STEEL HOISTWAY STRUCTURE-SEE STR DWGS
 8. NEW STEEL TUBE STRUCTURAL-SEE STR DWGS
 9. NEW STRUCTURAL FRAMING-SEE STR DWGS
 10. STRUCTURAL BEAM-SEE STR DWGS
 11. FINISH FLOOR
 12. LOUVER
 13. CONCRETE BARRIER WALL
 14. EXISTING STATION COLUMN TO REMAIN
 15. EXISTING CANOPY COLUMN TO REMAIN
 16. PLATFORM CANOPY AND CANOPY COLUMNS DASHED FOR CLARITY
 17. ERELOCATED EXST STAIR
 18. REGLAZE RELOCATED EXIST STAIR WINDOWS
 19. RELOCATE EXIST STAIR WINDOWS



1 STATION NORTH ELEVATION
SCALE: 3/16" = 1'-0"

10/16/12 AM 0161708-60W29-A-201.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
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PLOT SCALE = 10:8.0012 ' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

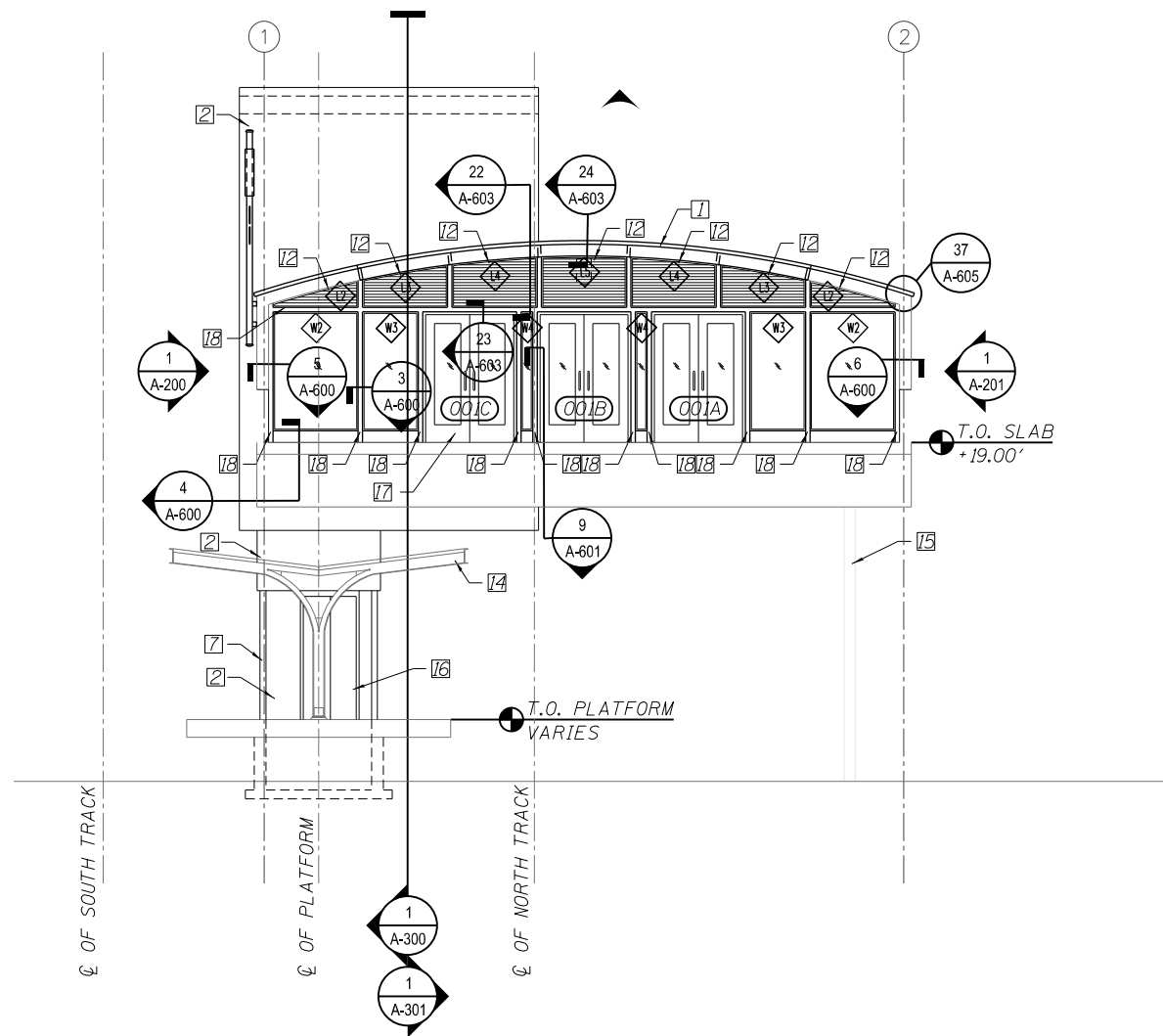
PEORIA STREET STATION
STATION ELEVATION

SHEET NO. A-201 OF 117 SHEETS

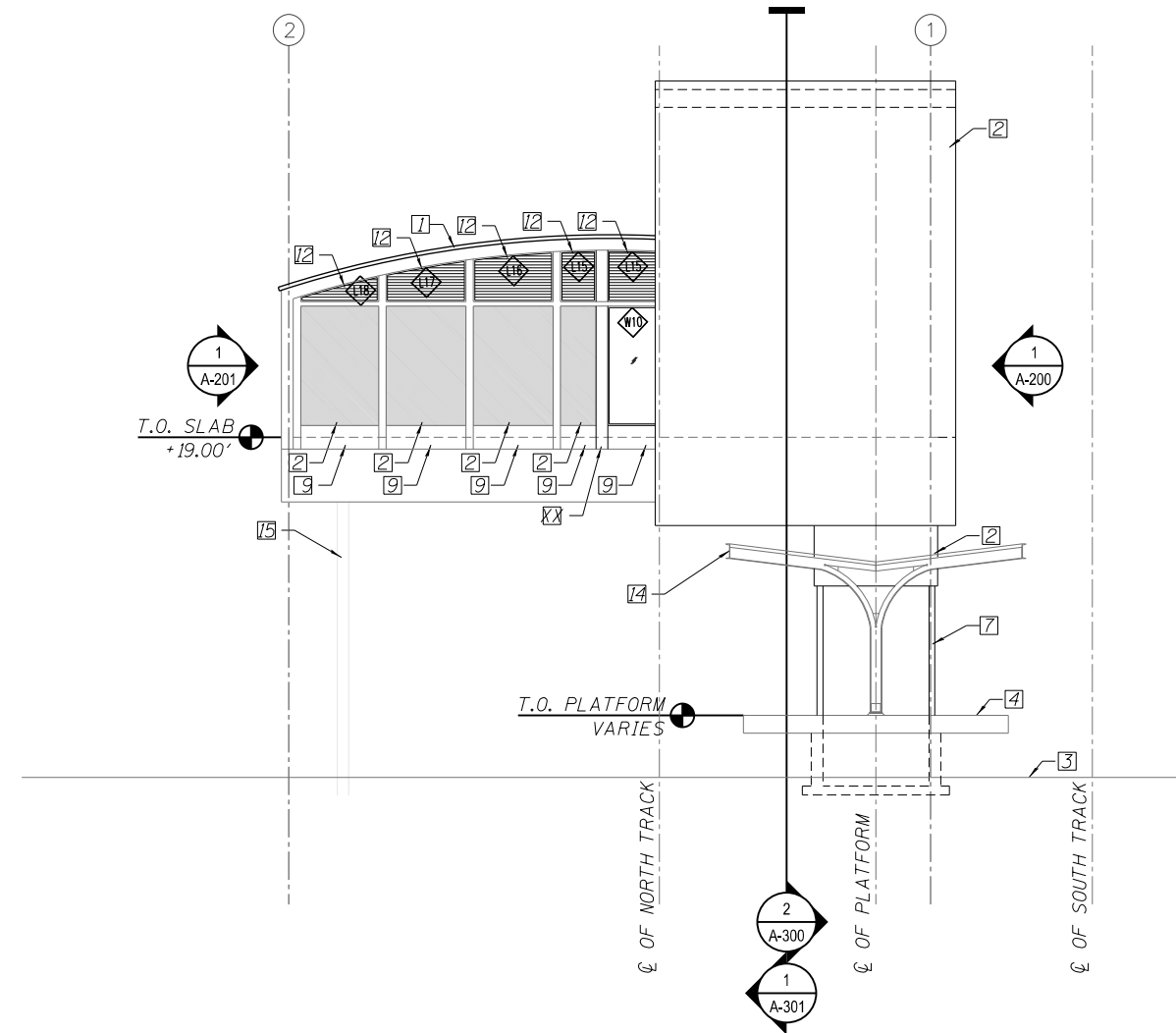
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	235
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. TRANSLUCENT PANEL ROOF SYSTEM
 2. INSULATED METAL PANEL WALL SYSTEM
 3. FINISH GRADE
 4. PLATFORM
 5. NEW CANOPY COLUMN
 6. TRANSLUCENT PANEL WALL SYSTEM TO MATCH ROOF COLOR
 7. PAINTED STEEL HOISTWAY STRUCTURE
 8. NEW STEEL TUBE STRUCTURAL
 9. NEW STRUCTURAL FRAMING
 10. STRUCTURAL BEAM
 11. FINISH FLOOR
 12. LOUVER
 13. CONCRETE BARRIER WALL
 14. PLATFORM CANOPY STRUCTURE
 15. EXISTING STATION CANOPY
 16. ELEVATOR DOOR
 17. POWER-OPERATED DOOR
 18. 3X3 STEEL FRAME INSET TO EXISTING TUBE STRUCTURE



1 STATION EAST ELEVATION
 SCALE: 3/16" = 1'-0"
 *NEW ROADWAY BRIDGE NOT SHOWN FOR CLARITY



2 STATION WEST ELEVATION
 SCALE: 3/16" = 1'-0"
 *STAIRS NOT SHOWN FOR CLARITY

10/16/43 AM 0161708-60W29-A-202.dgn



USER NAME = BAWitor†	DESIGNED - WHB	REVISED
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PLOT SCALE = 10:8.0012 '"/ in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

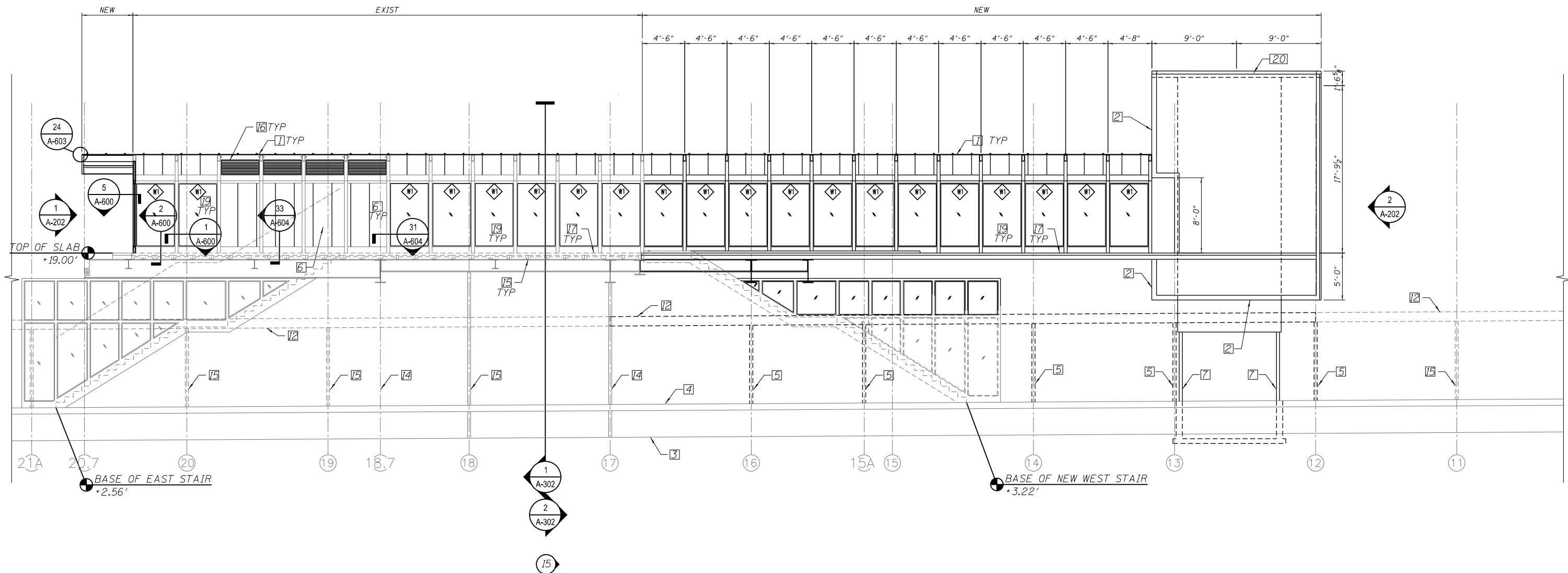
**PEORIA STREET STATION
 STATION ELEVATIONS**

SHEET NO. A-202 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	236
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. TRANSLUCENT PANEL ROOF SYSTEM
 2. INSULATED STAINLESS STEEL PANEL SYSTEM
 3. FINISH GRADE
 4. PLATFORM
 5. NEW CANOPY COLUMN
 6. TRANSLUCENT SYSTEM TO MATCH ROOF COLOR
 7. PAINTED STEEL HOISTWAY STRUCTURE - SEE STR DWGS
 8. NEW STEEL TUBE STRUCTURAL - SEE STR DWGS
 9. NEW STRUCTURAL FRAMING - SEE STR DWGS - SEE STR DWGS
 10. STRUCTURAL BEAM
 11. FINISH FLOOR LEVEL
 12. PLATFORM CANOPY AND CANOPY COLUMNS DASHED FOR CLARITY
 13. LOUVER
 14. EXIST STATION COLUMN TO BE REMOVED
 15. EXIST STATION COLUMN TO REMAIN
 16. LINEAR METAL CEILING SYSTEM
 17. NEW CONC SLAB
 18. EXIST PRECAST PLANK
 19. W/ TEMPERED GLASS
 20. SINGLE PLY MEMBRANE ROOF



1 STATION SECTION LOOKING SOUTH
 SCALE: 3/16" = 1'-0"
 *STAIR RAILINGS NOT SHOWN FOR CLARITY

10/16/14 4:44 AM 0161708-60W29-A-300.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 10:8.0012 ' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

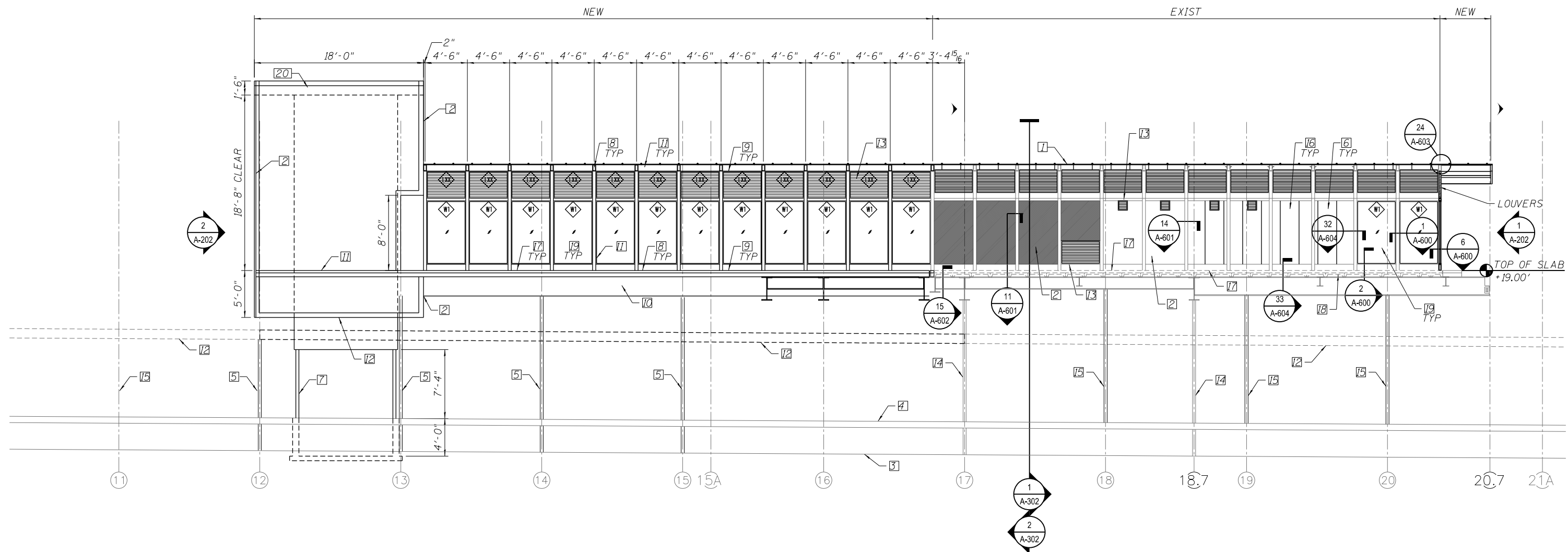
PEORIA STREET STATION
 STATION SECTIONS

SHEET NO. A-300 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	237
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. TRANSLUCENT PANEL ROOF SYSTEM
 2. INSULATED STAINLESS STEEL PANEL SYSTEM
 3. FINISH GRADE
 4. PLATFORM
 5. NEW CANOPY COLUMN
 6. TRANSLUCENT SYSTEM TO MATCH ROOF COLOR
 7. PAINTED STEEL HOISTWAY STRUCTURE -SEE STR DWGS
 8. NEW STEEL TUBE STRUCTURAL-SEE STR DWGS
 9. NEW STRUCTURAL FRAMING-SEE STR DWGS-SEE STR DWGS
 10. STRUCTURAL BEAM
 11. FINISH FLOOR LEVEL
 12. PLATFORM CANOPY AND CANOPY COLUMNS DASHED FOR CLARITY
 13. LOUVER
 14. EXIST STATION COLUMN TO REMAIN
 15. EXIST CANOPY COLUMN TO REMAIN
 16. LINEAR METAL CEILING SYSTEM
 17. NEW CONC SLAB
 18. EXIST PRECAST PLANK
 19. W1 NEW TEMPERED GLASS
 20. SINGLE PLY MEMBRANE ROOF



1 STATION SECTION LOOKING NORTH
 SCALE: 3/16" = 1'-0"
 *INTERIOR PARTITION AND EQUIPMENT NOT SHOWN FOR CLARITY

10/16/45 AM 0161708-60W29-A-301.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 10:8.0012 ' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

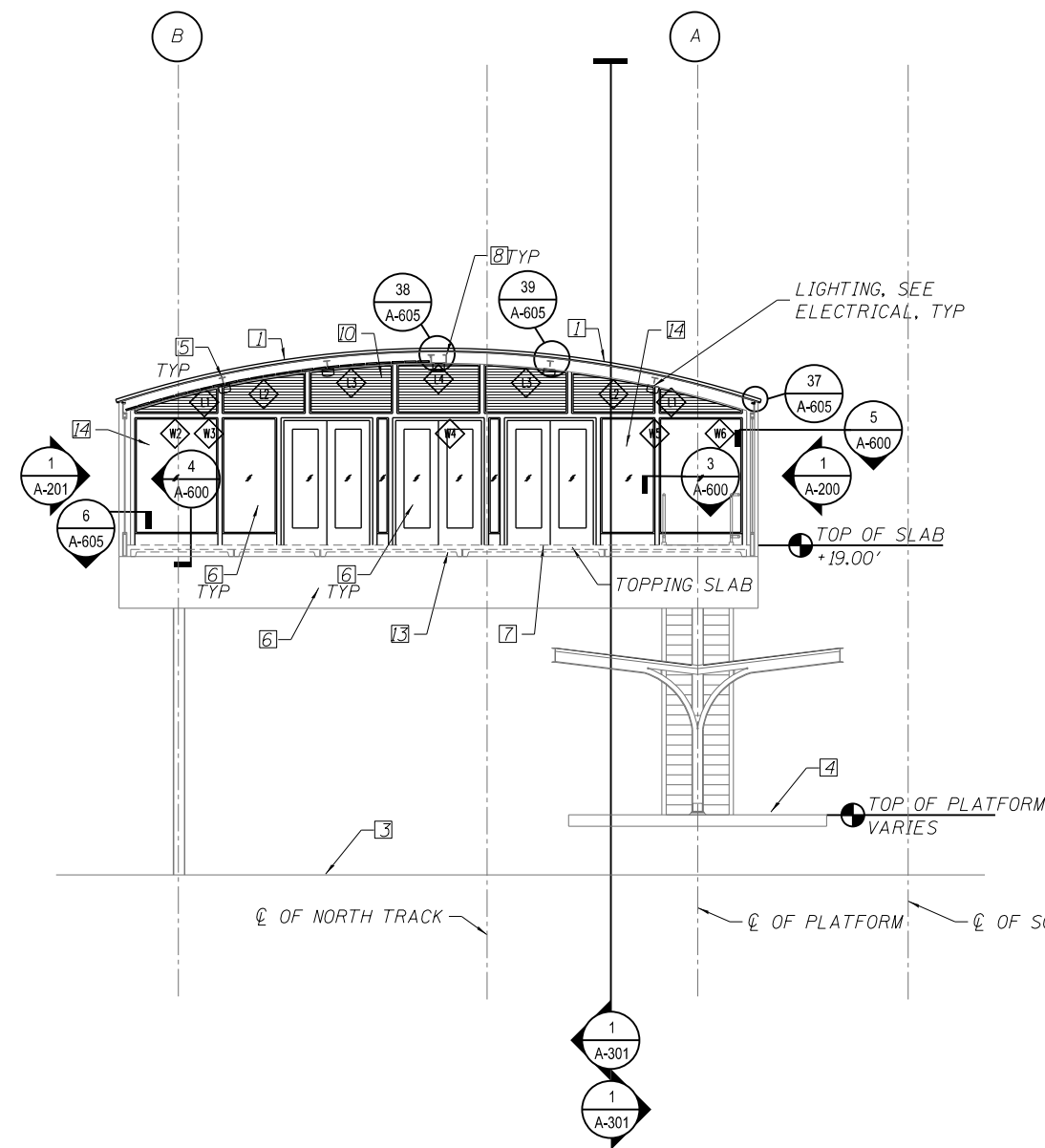
PEORIA STREET STATION
 STATION SECTION

SHEET NO. A-301 OF 117 SHEETS

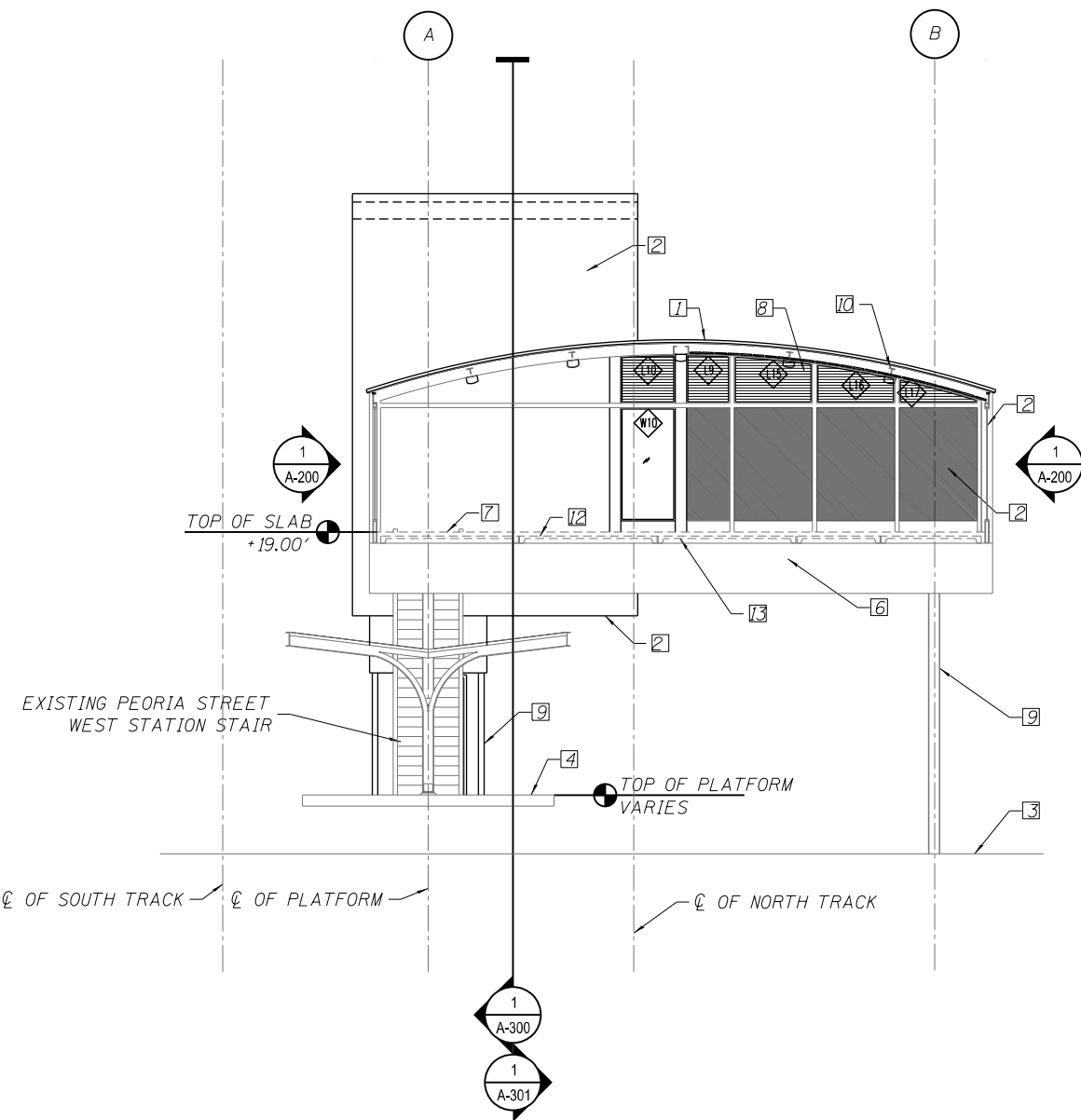
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	238
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		

- KEY NOTES:
1. TRANSLUCENT PANEL ROOF SYSTEM
 2. INSULATED STAINLESS STEEL PANEL SYSTEM
 3. FINISH GRADE
 4. PLATFORM
 5. NEW STEEL TUBE STRUCTURAL - SEE STR DWGS
 6. STRUCTURAL BEAM
 7. FINISH FLOOR LEVEL
 8. LOUVER
 9. EXIST STATION COLUMN TO REMAIN
 10. LINEAR METAL CEILING SYSTEM
 11. NEW STRUCTURAL FRAMING
 12. NEW CONC SLAB
 13. EXIST PRECAST PLANK
 14. W1 NEW TEMPERED GLASS



1 STATION SECTION LOOKING EAST
SCALE: 3/16" = 1'-0"



2 STATION SECTION LOOKING WEST
SCALE: 3/16" = 1'-0"

10/16/16 4:45 AM
0161708-60W29-A-302.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 10:8.0012 ' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

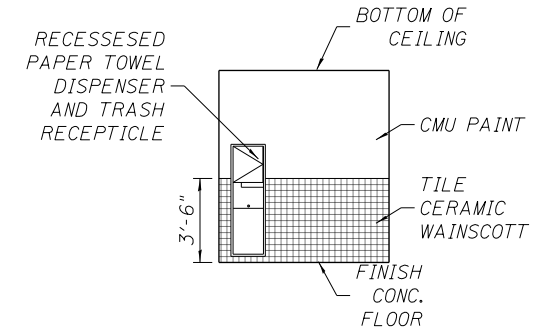
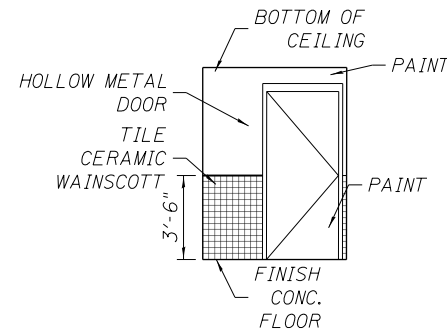
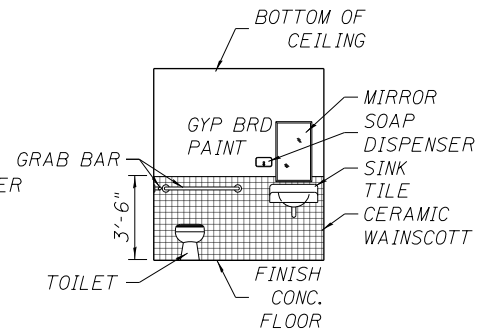
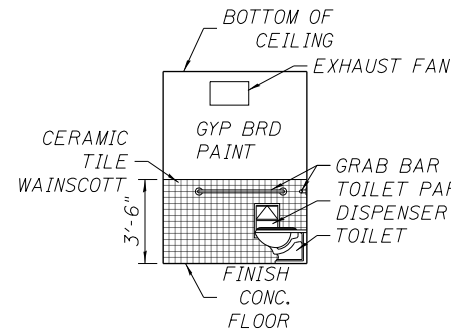
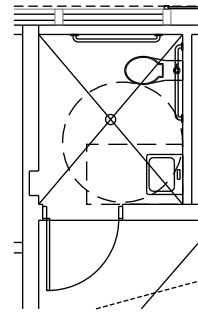
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
STATION SECTION

SHEET NO. A-302 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	239
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT		FED. AID PROJECT		



1 RESTROOM ENLARGED PLAN
SCALE: 1/4" = 1'-0"

2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

3 EAST ELEVATION
SCALE: 1/4" = 1'-0"

4 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

5 WEST ELEVATION
SCALE: 1/4" = 1'-0"

10/16/17 AM 0161708-60W29-A-400.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

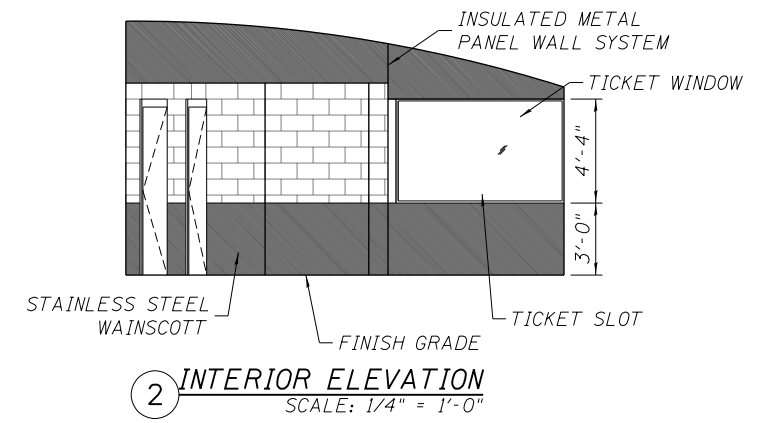
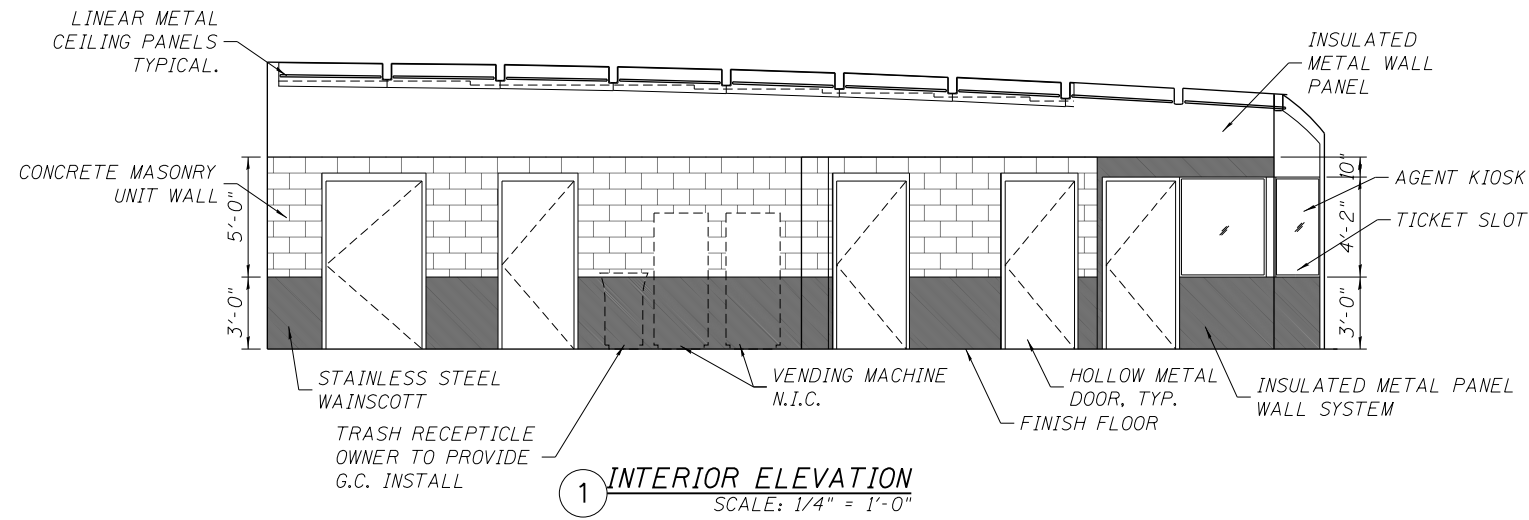
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
ENLARGED RESTROOM AND AGENT KIOSK PLANS, ELEVATIONS, & DETAILS

SHEET NO. A-400 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	240
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				



10:16:48 AM
0161708-60W29-A-401.dgn



USER NAME = BAWitorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 8:0.0000 ' / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION INTERIOR ELEVATIONS**

SHEET NO. A-401 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	241
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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	CHECKED - CRR	REVISED
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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION ELEVATOR PLANS, SECTIONS, & ELEVATIONS**

SHEET NO. A-500 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	242
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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0161708-60W29-A-501.dgn



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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELEVATOR CAB PLANS & ELEVATIONS**

SHEET NO. A-501 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	243
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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0161708-60W29-A-502.dgn



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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELEVATOR HOISTWAY PLANS, SECTIONS & ELEVATIONS**

SHEET NO. A-502 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	244
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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10:16:52 AM
0161708-60W29-A-503.dgn



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	CHECKED - CRR	REVISED
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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELEVATOR HOISTWAY DETAILS**

SHEET NO. A-503 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	245
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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10:16:53 AM
0161708-60W29-A-510.dgn



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	CHECKED - CRR	REVISED
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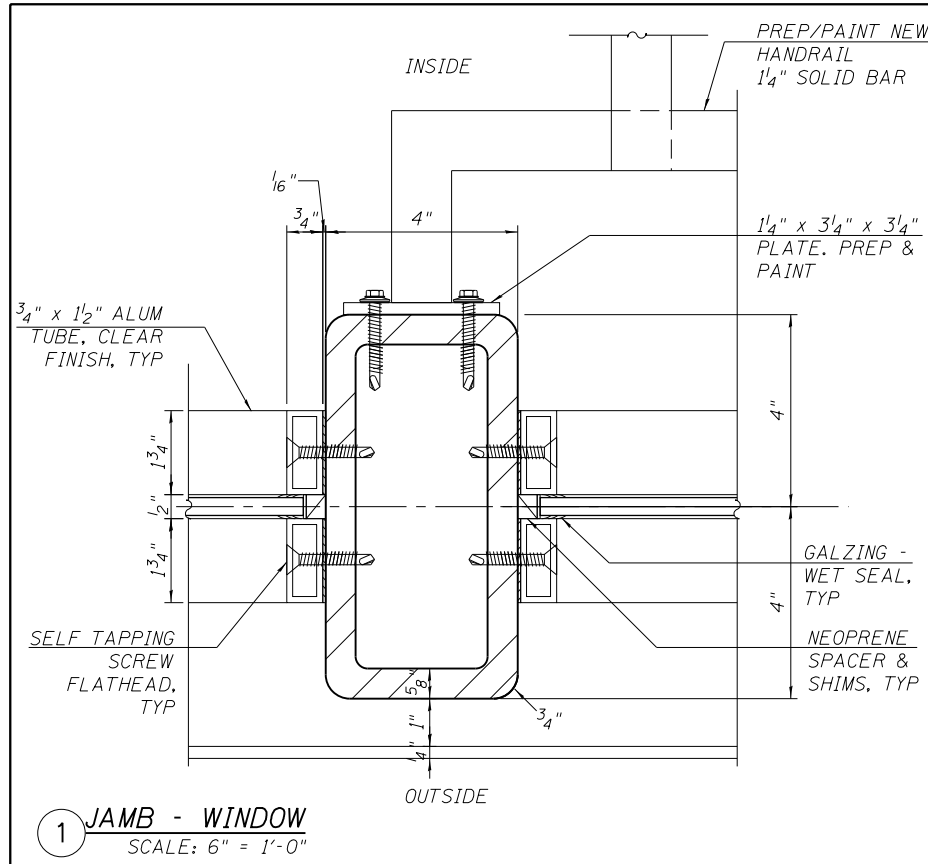
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION WEST STAIR PLAN, SECTIONS, ELEVATIONS, & DETAILS**

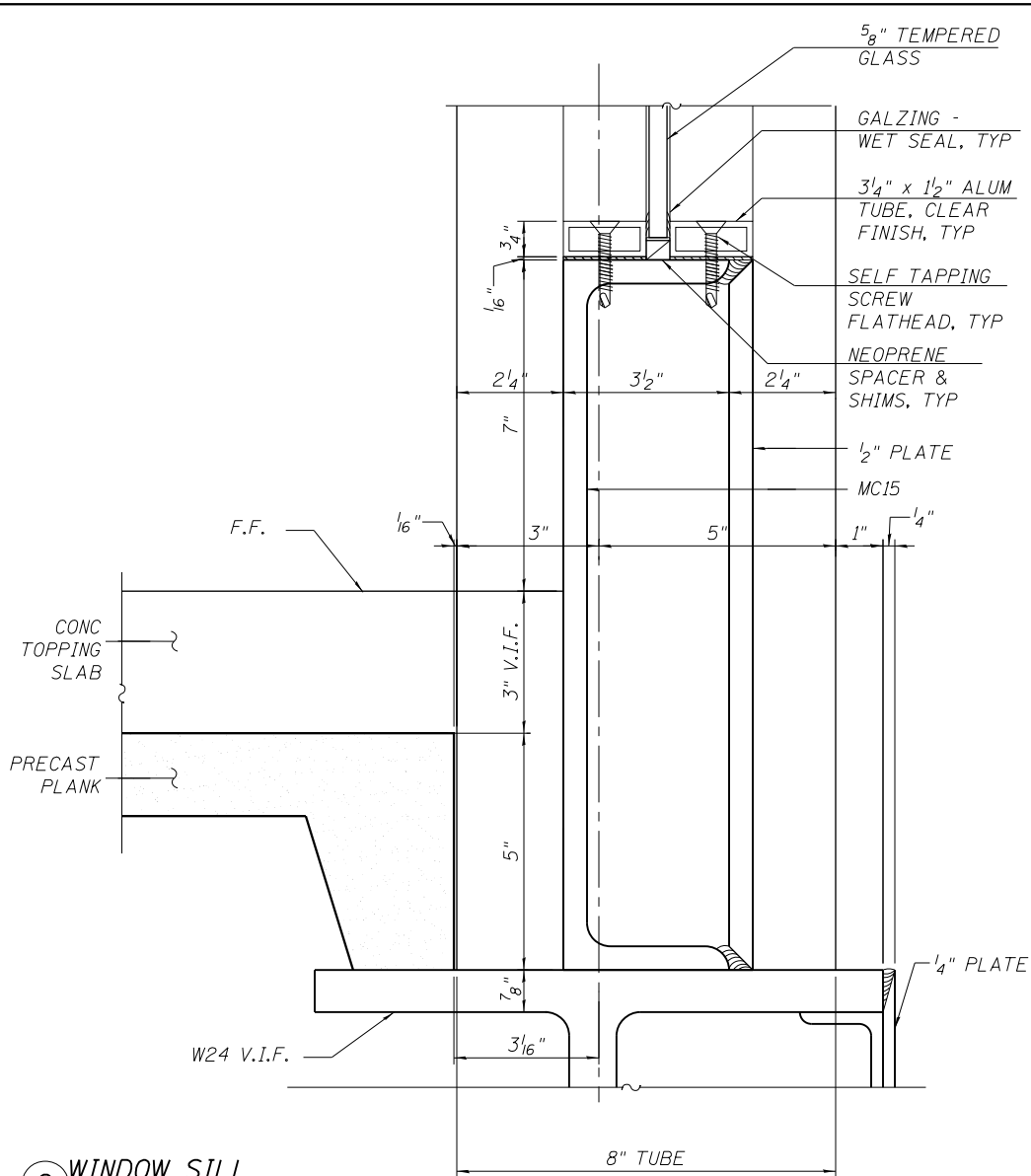
SHEET NO. A-510 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

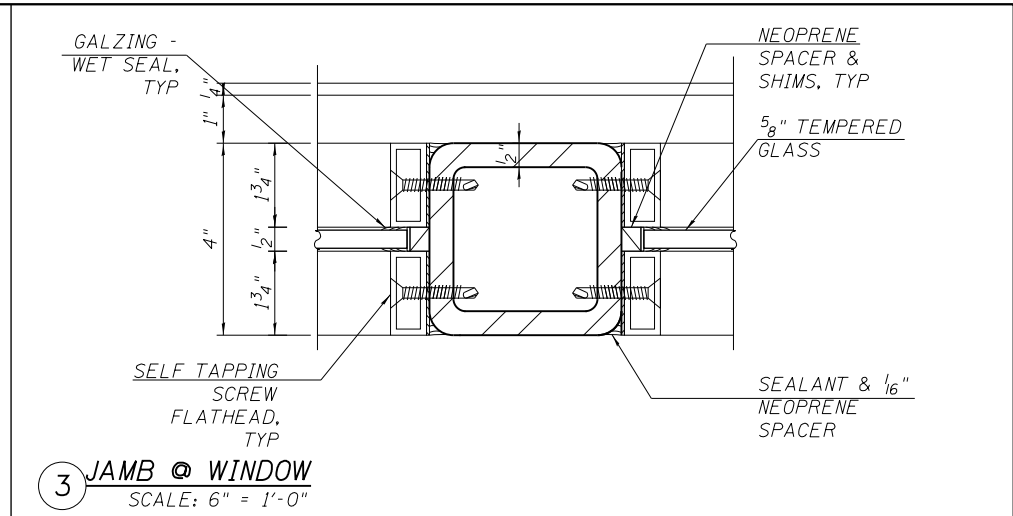
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	246
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				



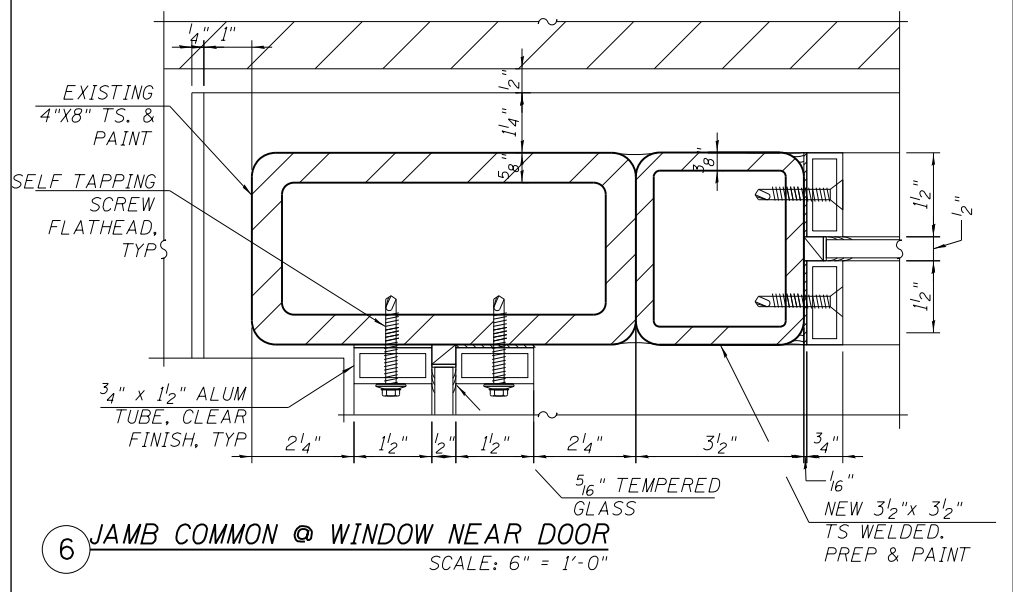
1 JAMB - WINDOW
SCALE: 6" = 1'-0"



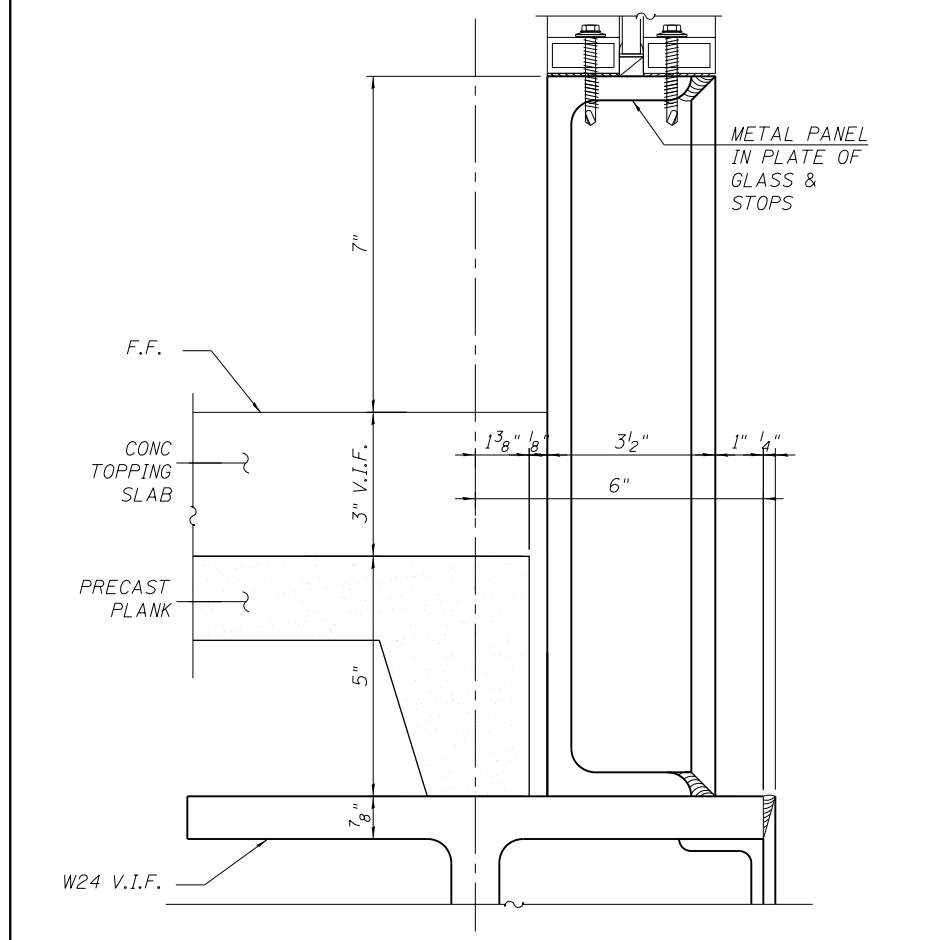
2 WINDOW SILL
SCALE: 6" = 1'-0"



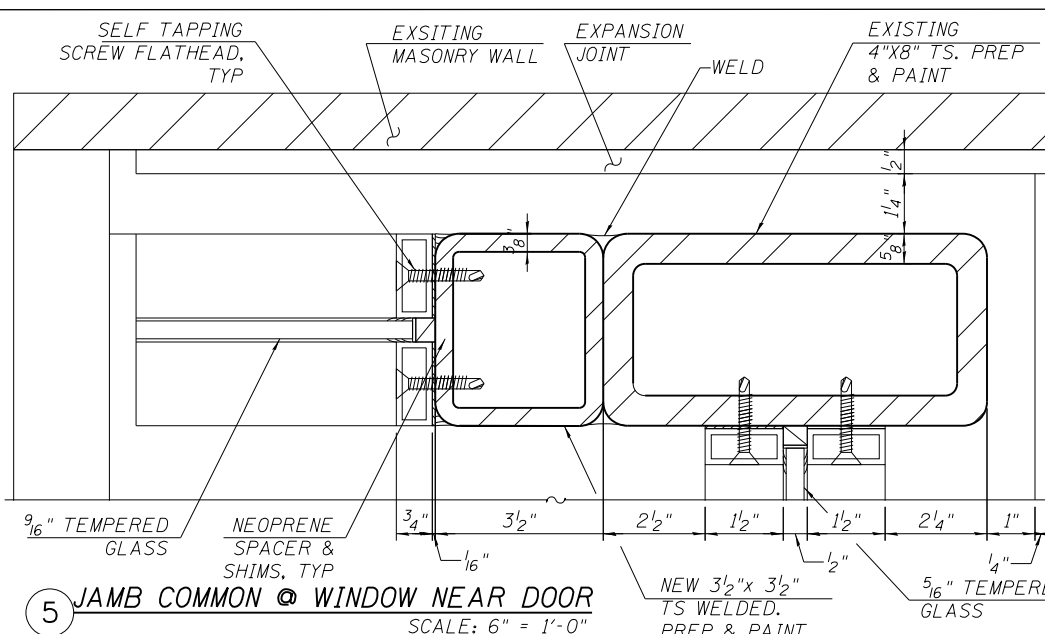
3 JAMB @ WINDOW
SCALE: 6" = 1'-0"



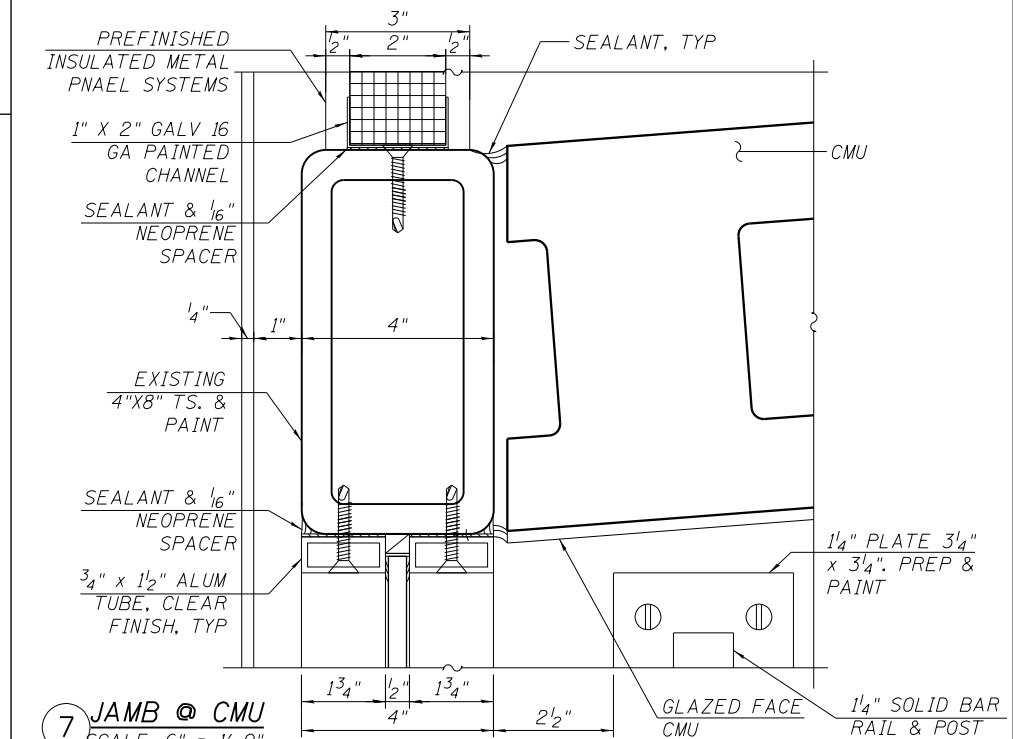
6 JAMB COMMON @ WINDOW NEAR DOOR
SCALE: 6" = 1'-0"



4 WINDOW SILL
SCALE: 6" = 1'-0"



5 JAMB COMMON @ WINDOW NEAR DOOR
SCALE: 6" = 1'-0"



7 JAMB @ CMU
SCALE: 6" = 1'-0"

10/16/54 AM 0161708-60W29-A-600.dgn



USER NAME = BAWitor†	DESIGNED - WHB	REVISED
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PLOT DATE = 10/29/2013	DRAWN - WHB	REVISED
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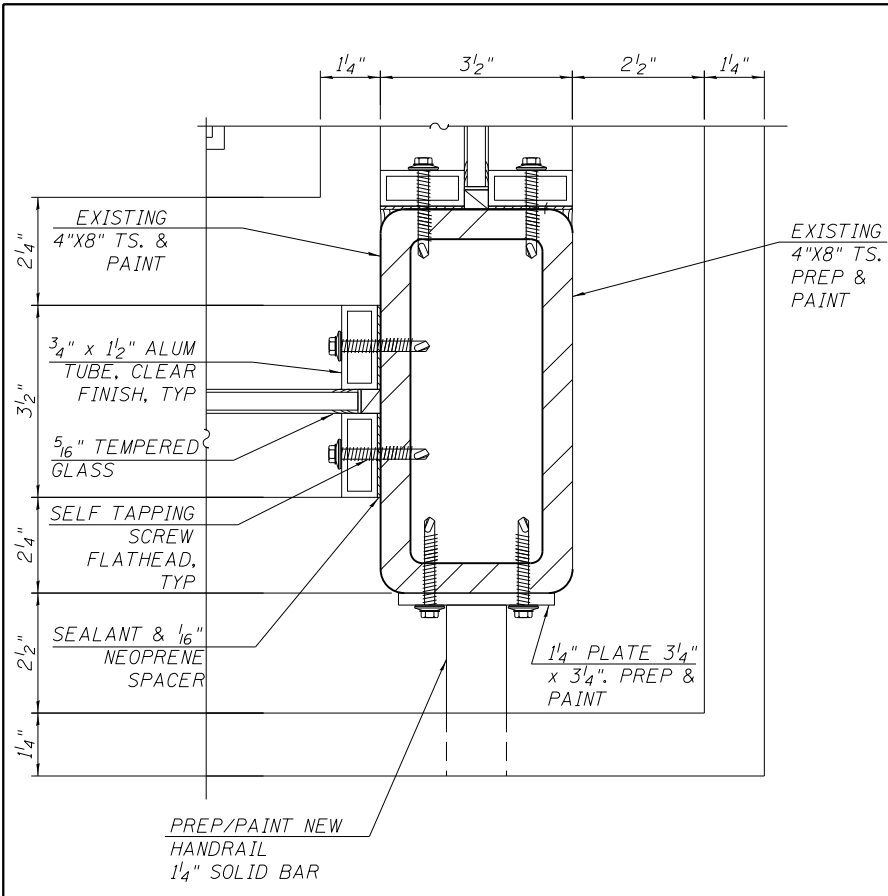
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
STATION DETAILS

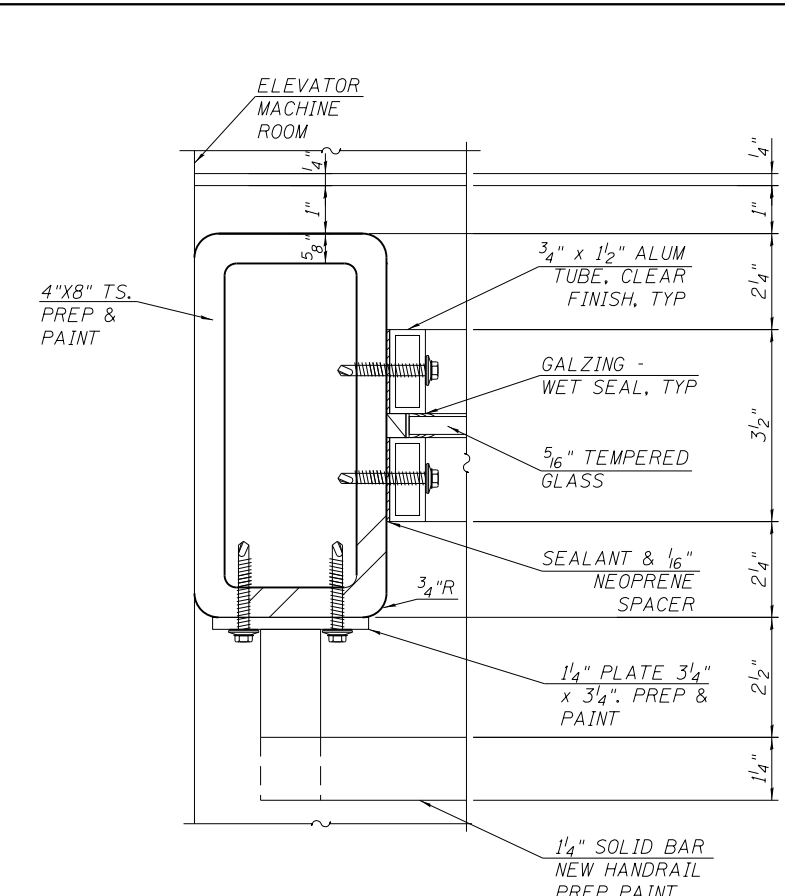
SHEET NO. A-600 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

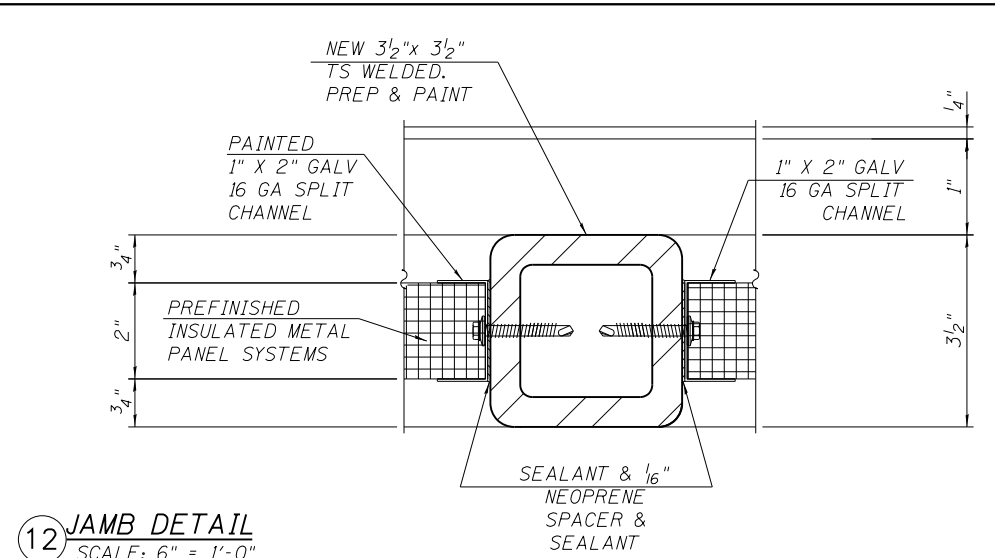
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	247
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	



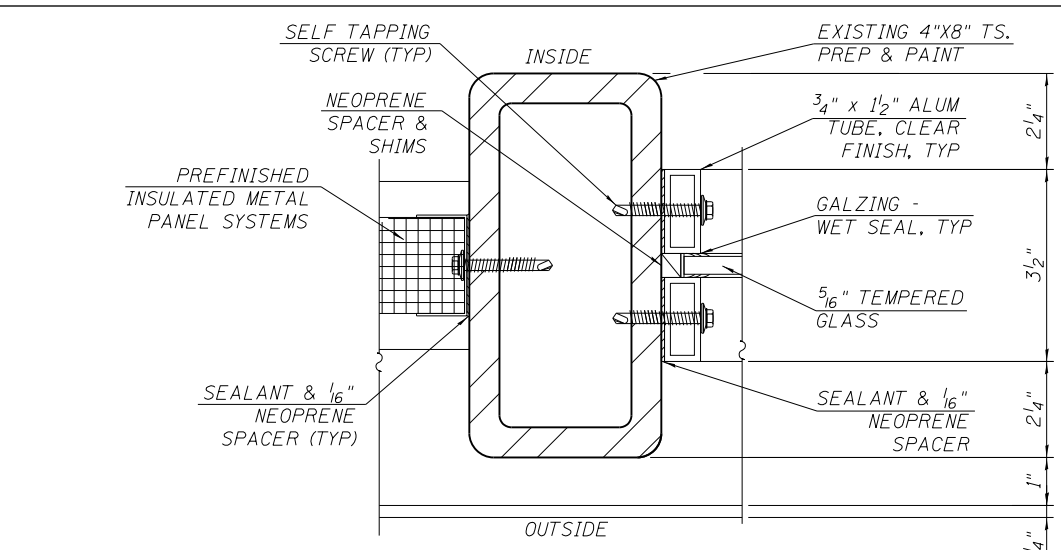
8 JAMB @ CORNER
SCALE: 6" = 1'-0"



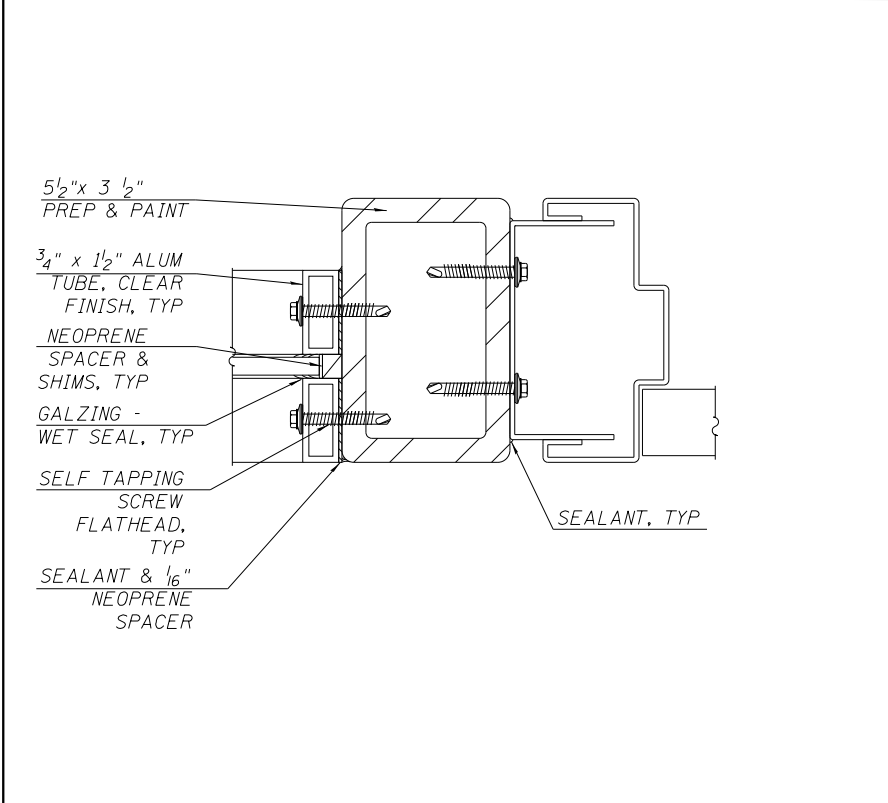
10 JAMB @ ELEV MACHINE ROOM
SCALE: 6" = 1'-0"



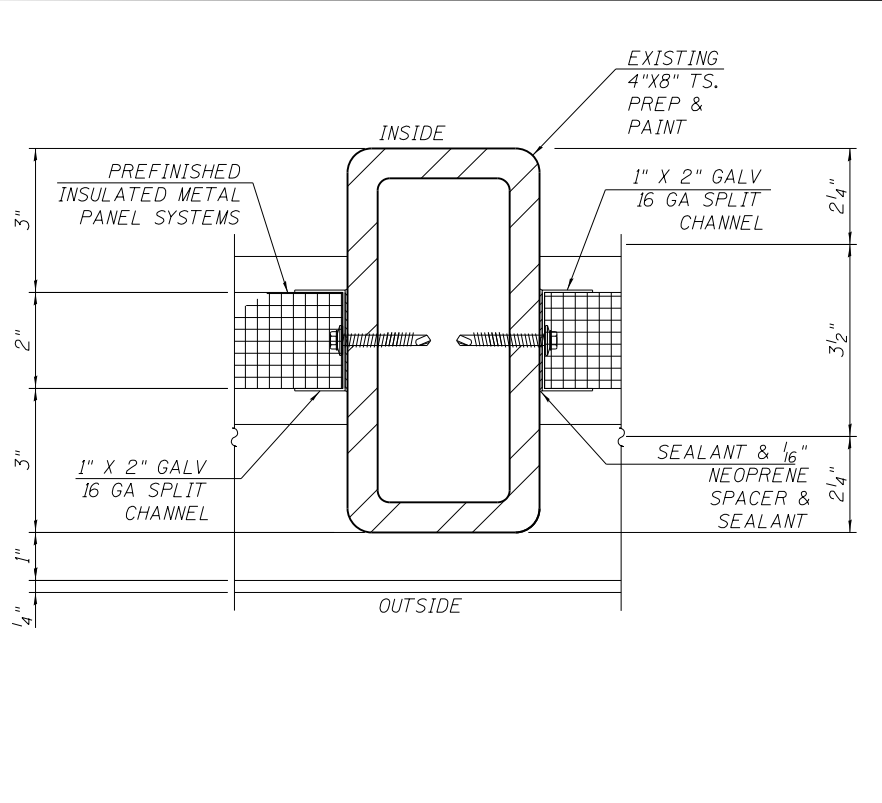
12 JAMB DETAIL
SCALE: 6" = 1'-0"



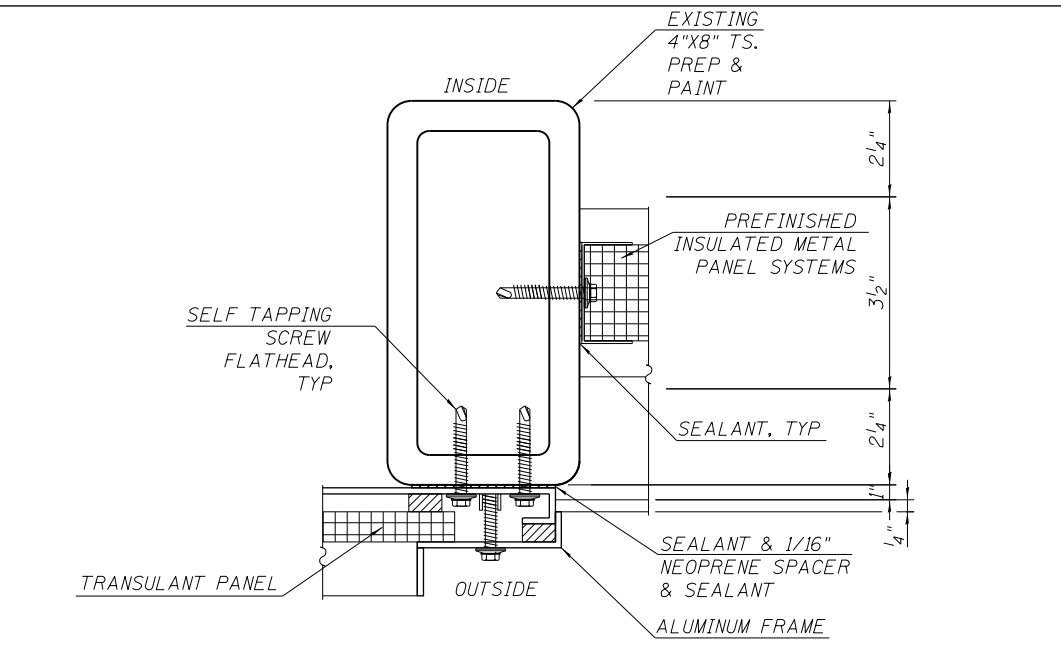
13 JAMB METAL PANEL @ WINDOW DETAIL
SCALE: 6" = 1'-0"



9 JAMB @ GLASS SS DOORS
SCALE: 6" = 1'-0"



11 JAMB METAL PANEL
SCALE: 6" = 1'-0"



14 JAMB METAL PANEL @ TRANSLUCENT PANEL
SCALE: 6" = 1'-0"

10/16/55 AM 0161708-60W29-A-600.dgn



USER NAME = BAWItoft	DESIGNED - WHB	REVISED
PLOT SCALE = 4x0.0000 Ins/in / in.	CHECKED - CRR	REVISED
PLOT DATE = 10/29/2013	DRAWN - WHB	REVISED
	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

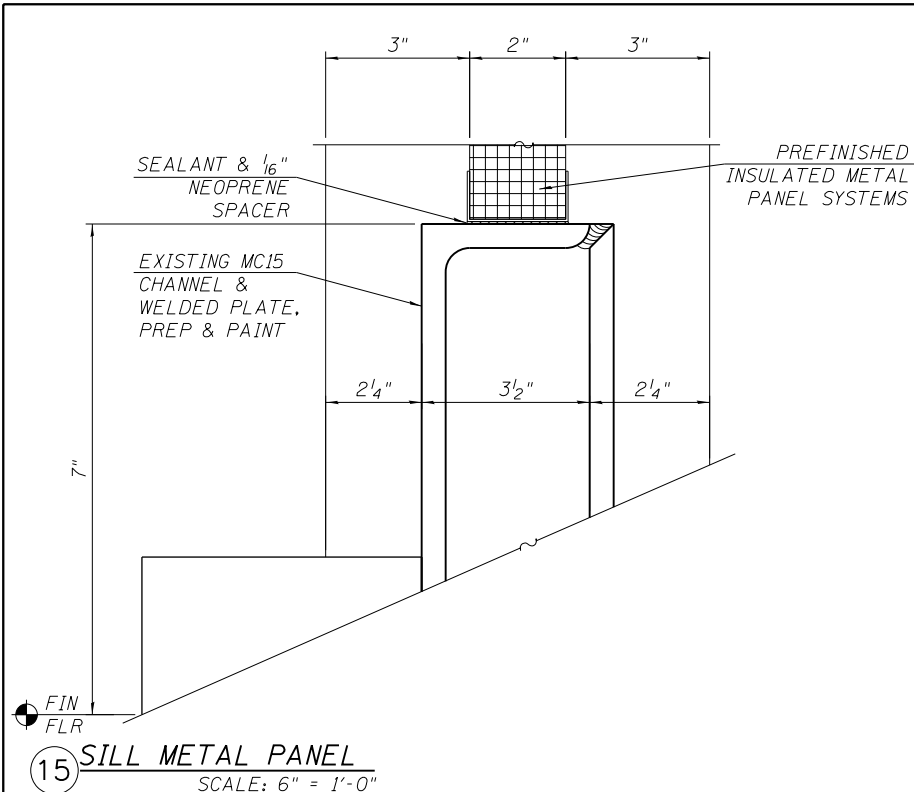
PEORIA STREET STATION
STATION DETAILS

SHEET NO. A-601 OF 117 SHEETS

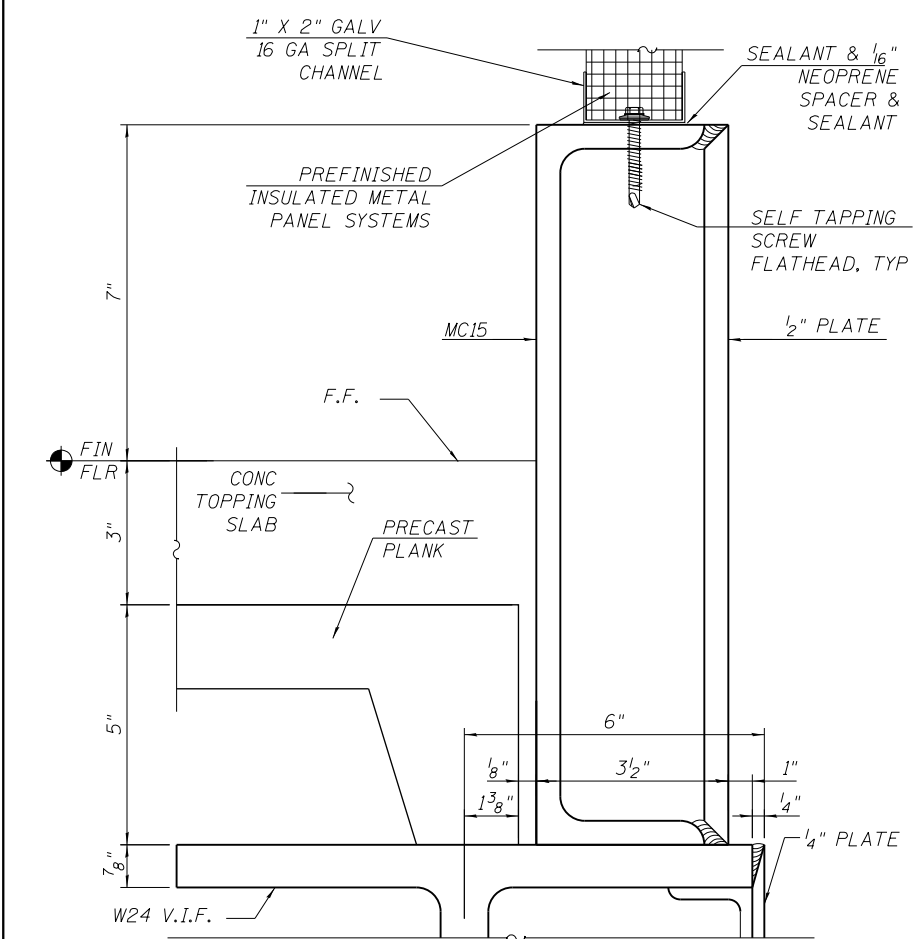
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	248
CONTRACT NO.			60W29	

PRELIMINARY NOT FOR CONSTRUCTION

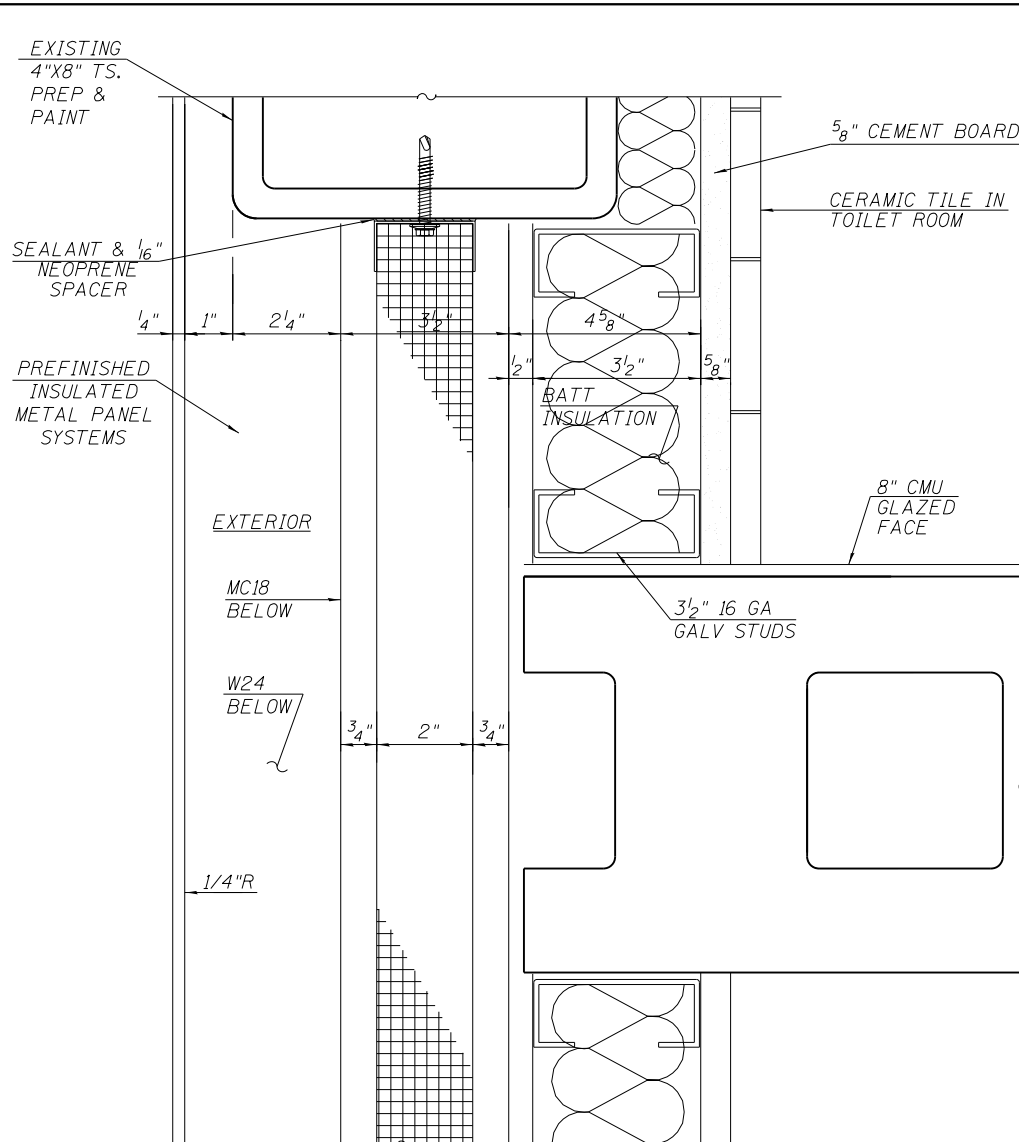
ILLINOIS FED. AID PROJECT



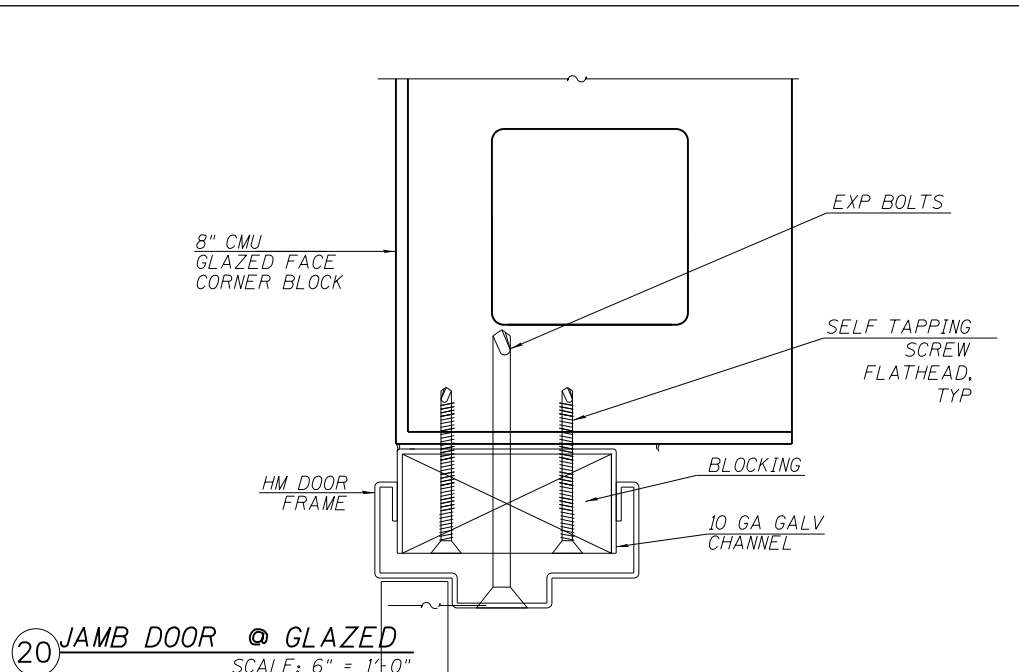
15 SILL METAL PANEL
SCALE: 6" = 1'-0"



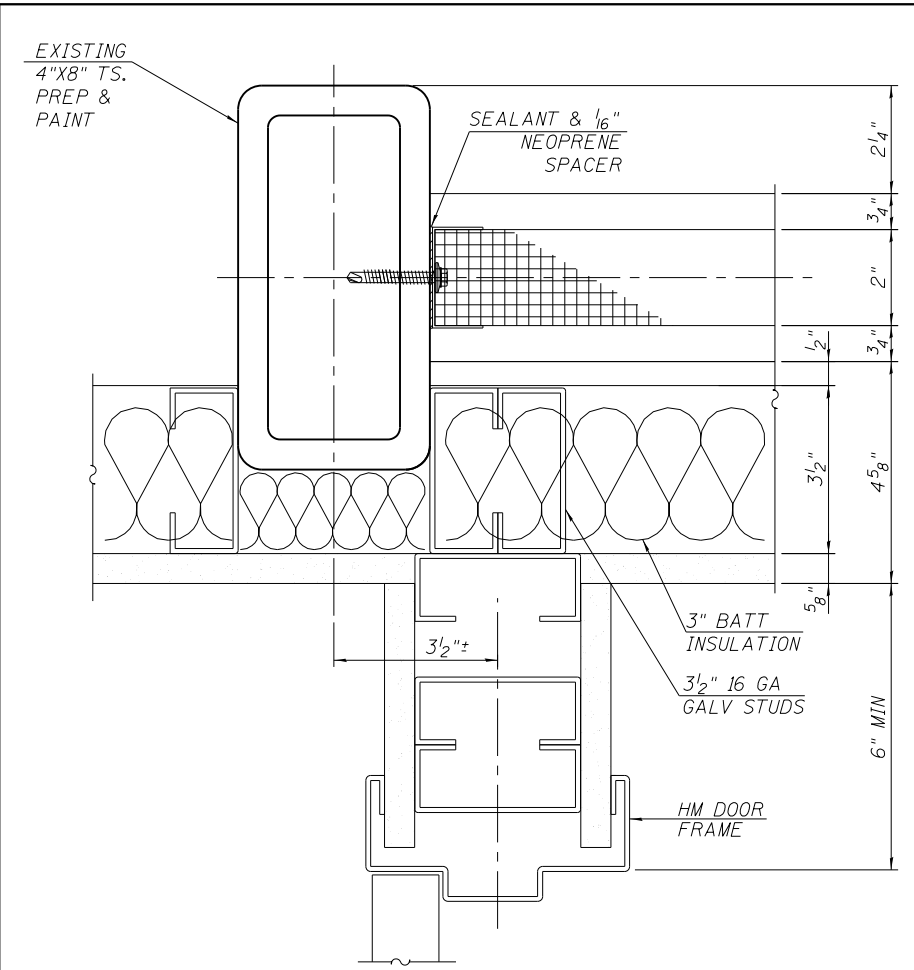
16 SILL METAL PANEL
SCALE: 6" = 1'-0"



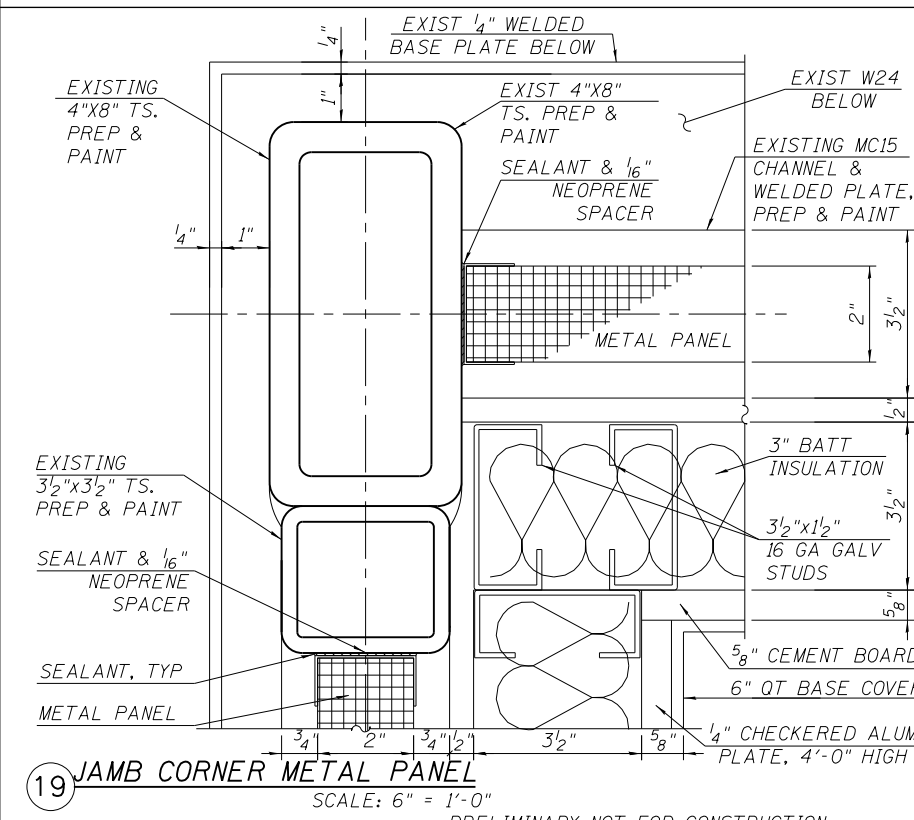
17 SILL METAL PANEL
SCALE: 6" = 1'-0"



20 JAMB DOOR @ GLAZED
SCALE: 6" = 1'-0"



18 JAMB AT DOOR AND DRYWALL
SCALE: 6" = 1'-0"



19 JAMB CORNER METAL PANEL
SCALE: 6" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

10/16/15 AM 0161708-60W29-A-600.dgn



USER NAME = BAWItor†	DESIGNED - WHB	REVISD
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PLOT DATE = 10/29/2013	DRAWN - WHB	REVISD
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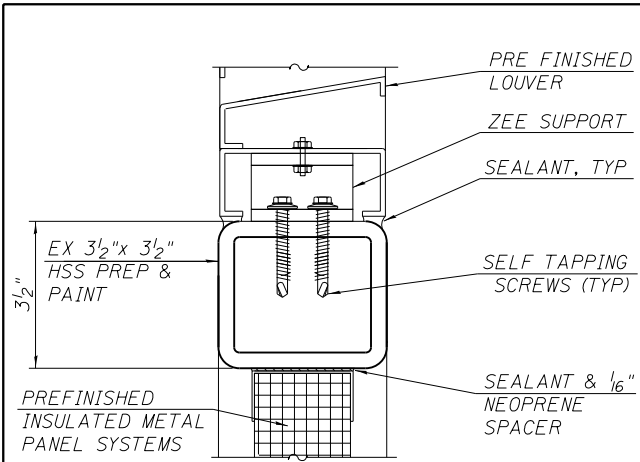
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
STATION DETAILS

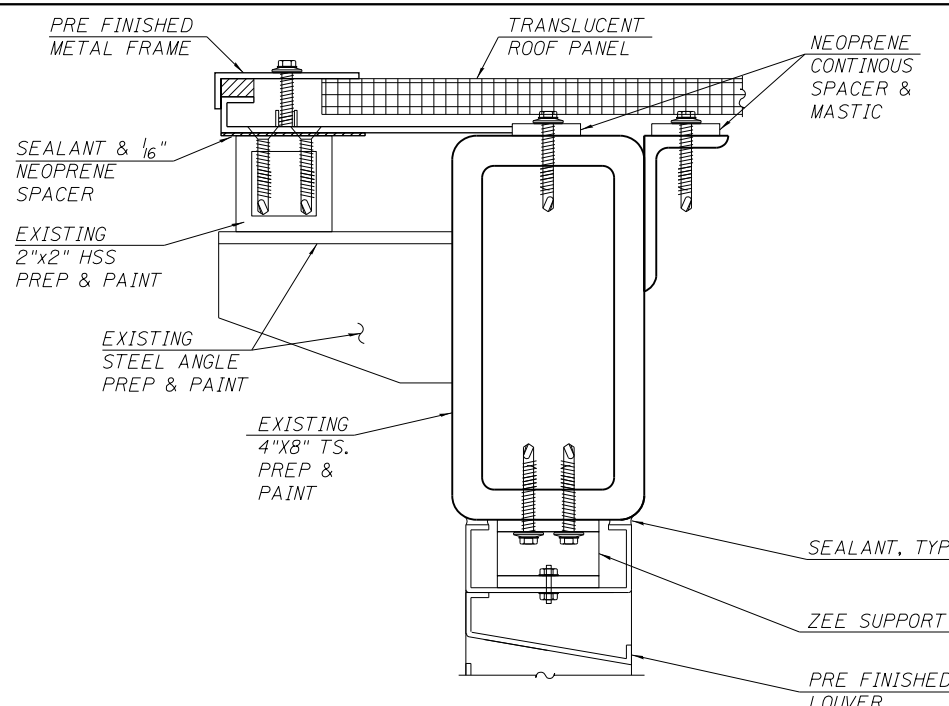
SHEET NO. A-602 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	249

CONTRACT NO. 60W29
ILLINOIS FED. AID PROJECT

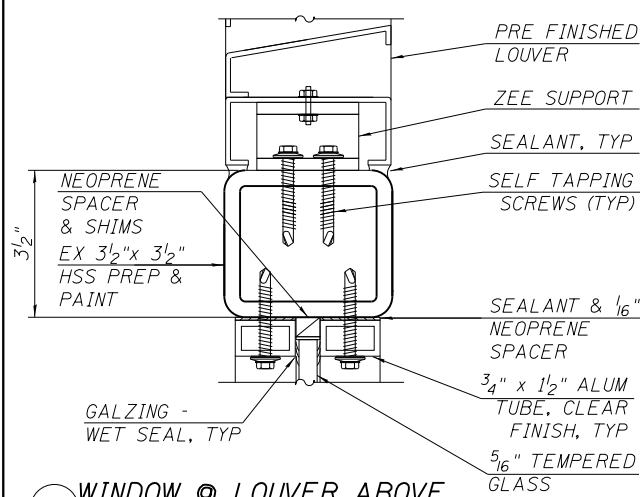


21 HEAD METAL PANEL @ LOUVER
SCALE: 6" = 1'-0"



24 DOOR FRAME @ LOUVER ABOVE
SCALE: 6" = 1'-0"

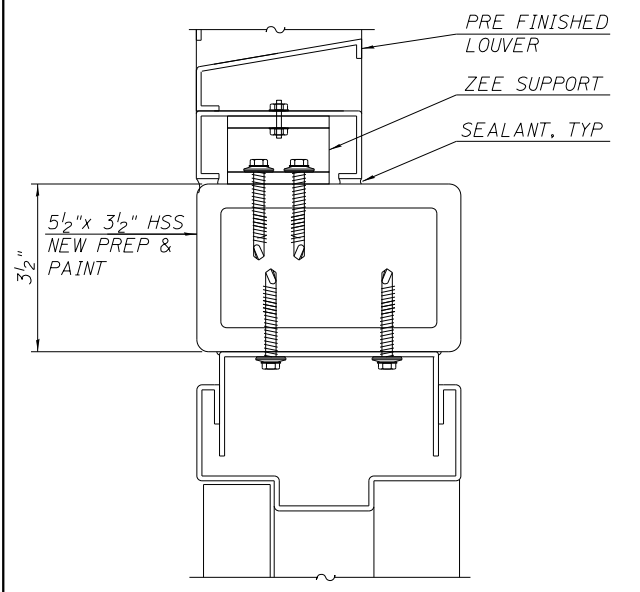
29 DETAIL XXX
SCALE: 6" = 1'-0"



22 WINDOW @ LOUVER ABOVE
SCALE: 6" = 1'-0"

25 DETAIL XXX
SCALE: 6" = 1'-0"

30 DETAIL XXX
SCALE: 6" = 1'-0"



23 DOOR FRAME @ LOUVER ABOVE
SCALE: 6" = 1'-0"

27 DETAIL XXX
SCALE: 6" = 1'-0"

10/16/55 AM 0161708-60W29-A-600.dgn



USER NAME = BAWIort	DESIGNED - WHB	REVISED
PLOT SCALE = 4x0.0000 ins/in / in.	CHECKED - CRR	REVISED
PLOT DATE = 10/29/2013	DRAWN - WHB	REVISED
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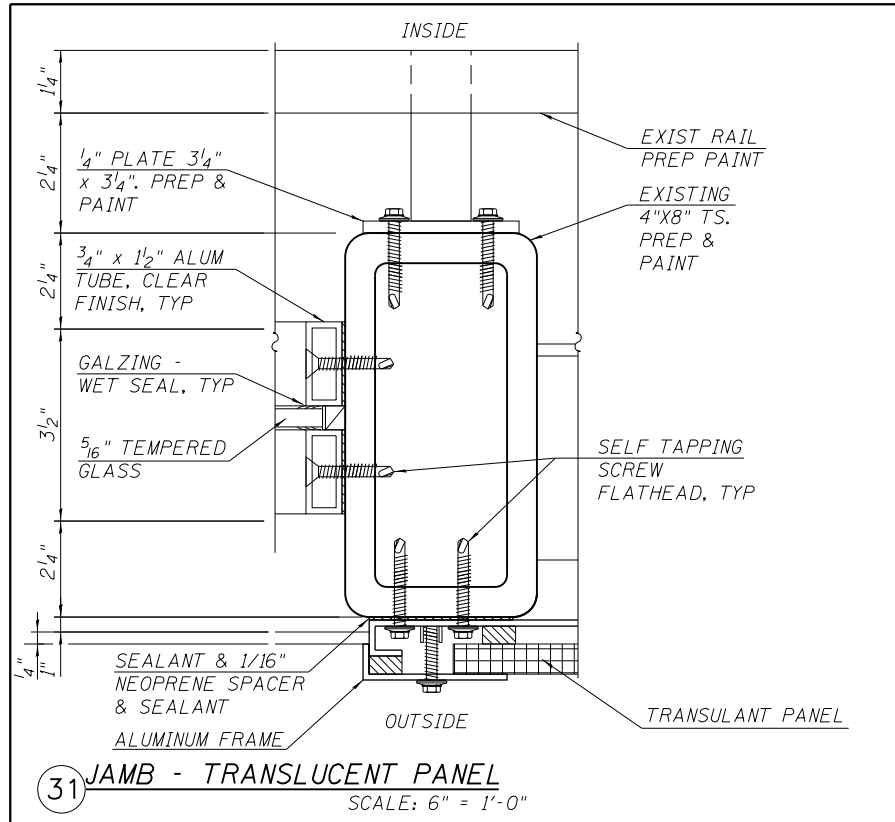
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
STATION DETAILS

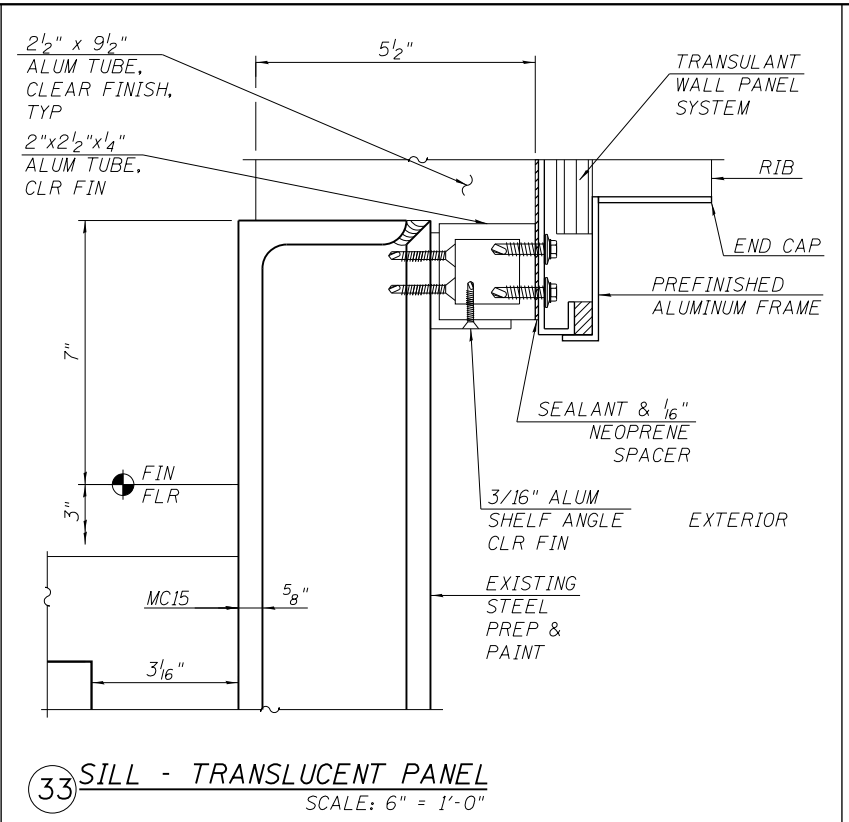
SHEET NO. A-603 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

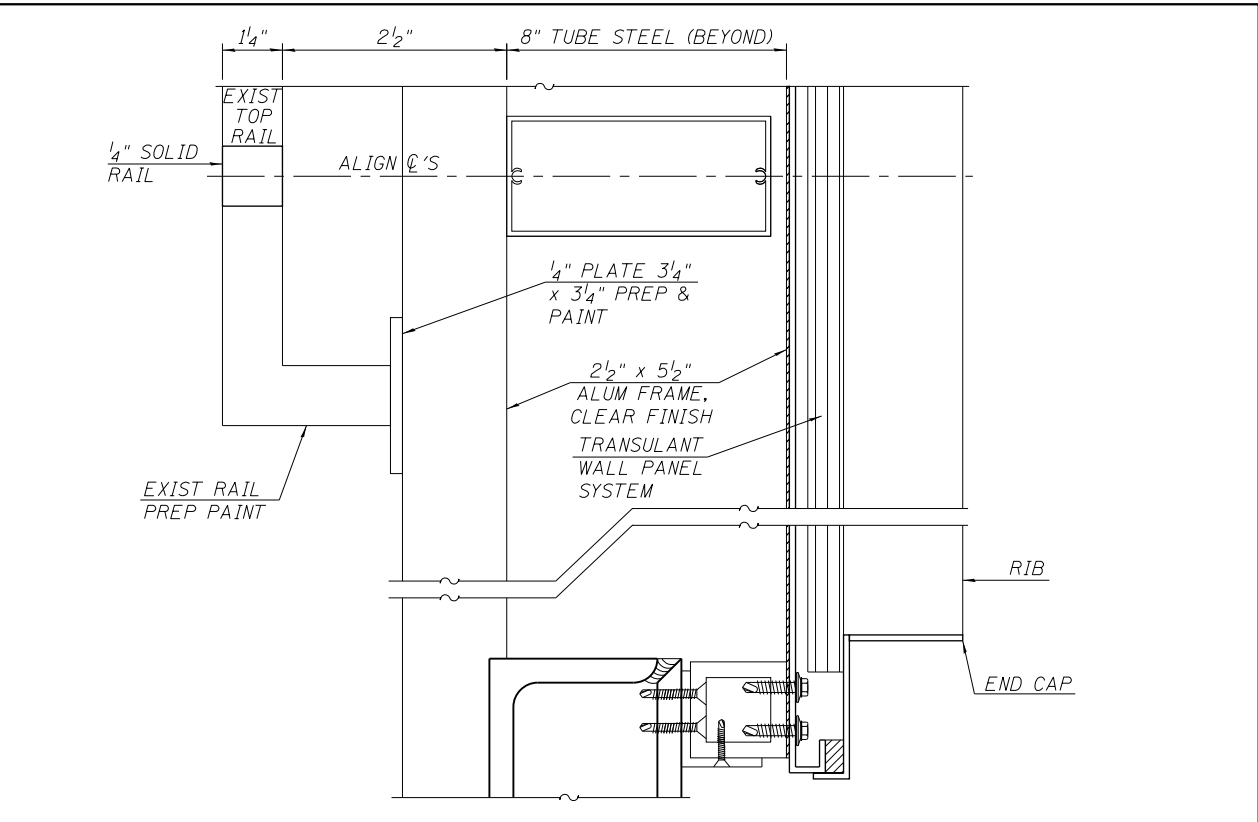
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	250
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				



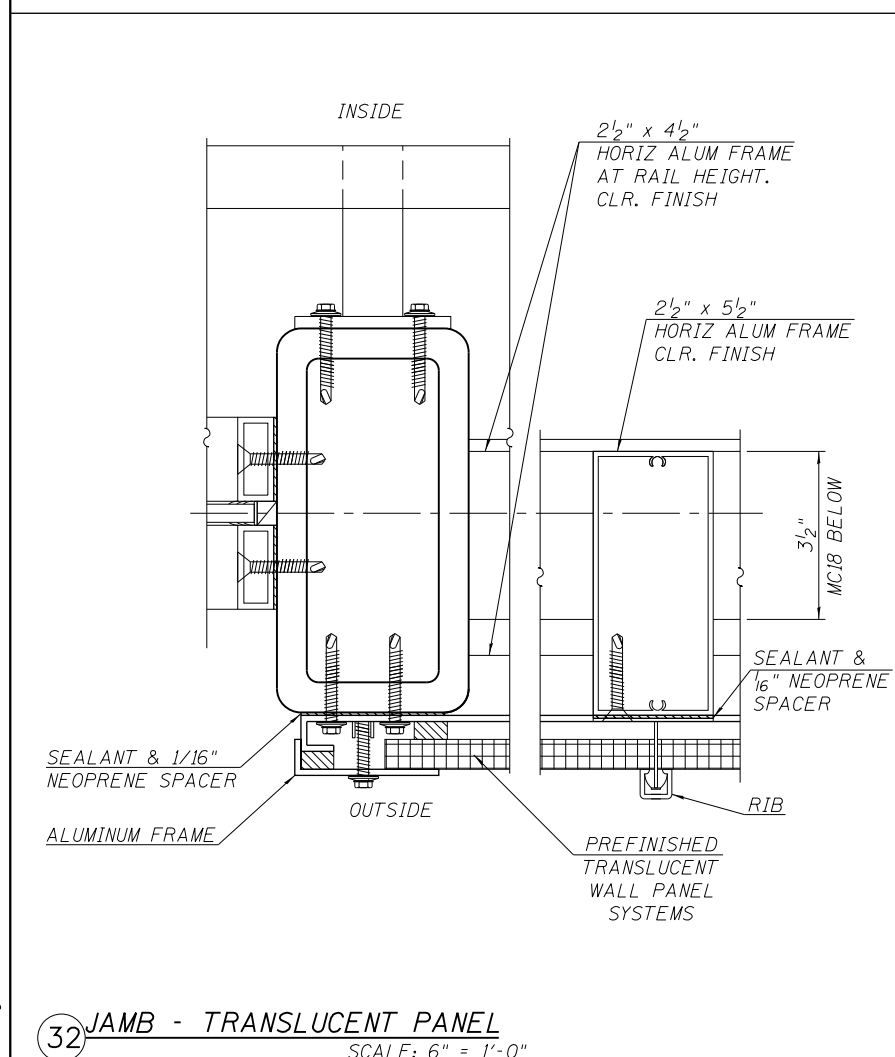
31 JAMB - TRANSLUCENT PANEL
SCALE: 6" = 1'-0"



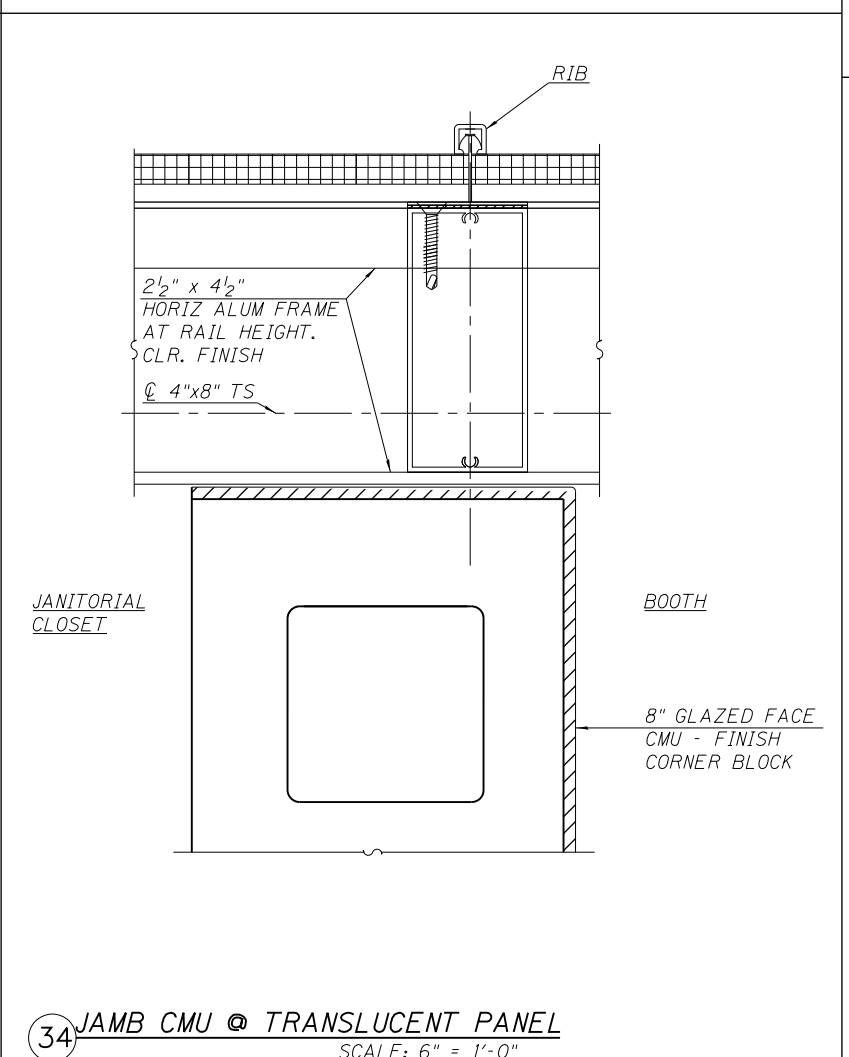
33 SILL - TRANSLUCENT PANEL
SCALE: 6" = 1'-0"



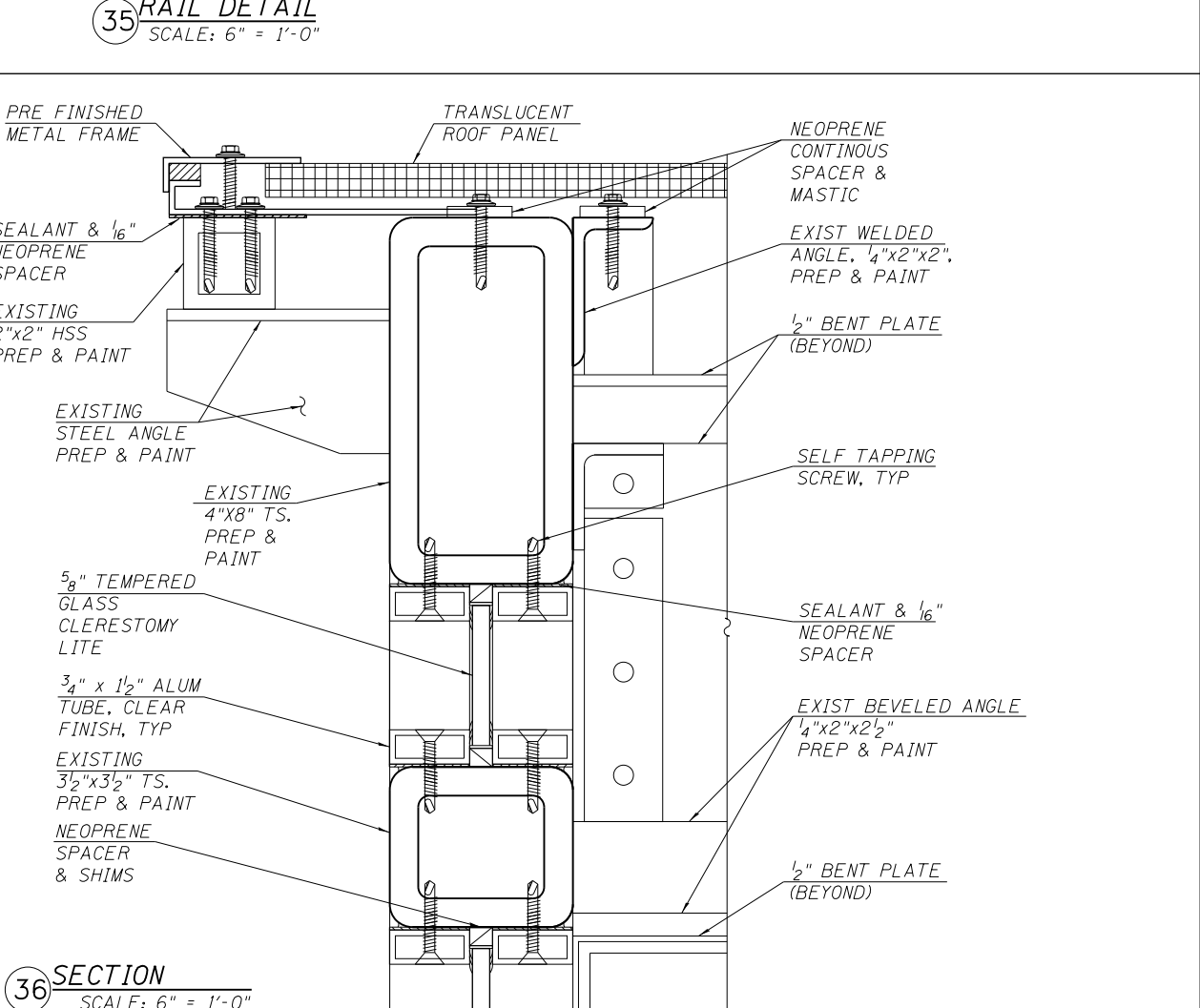
35 RAIL DETAIL
SCALE: 6" = 1'-0"



32 JAMB - TRANSLUCENT PANEL
SCALE: 6" = 1'-0"



34 JAMB CMU @ TRANSLUCENT PANEL
SCALE: 6" = 1'-0"



36 SECTION
SCALE: 6" = 1'-0"

10/17/12 AM 0161708-60W29-A-600.dgn



USER NAME = BAWItoft	DESIGNED - WHB	REVISED
PLOT SCALE = 4x0.0000 ins/in / in.	CHECKED - CRR	REVISED
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	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
STATION DETAILS

SHEET NO. A-604 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	251
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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0161708-60W29-A-610.dgn



USER NAME = BAWtor+	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
WINDOWS, DOORS, LOUVER SCHEDULE**

SHEET NO. A-610 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	253
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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10/17/14 AM
0161708-60W29-A-620.dgn



USER NAME = BAWtorf	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

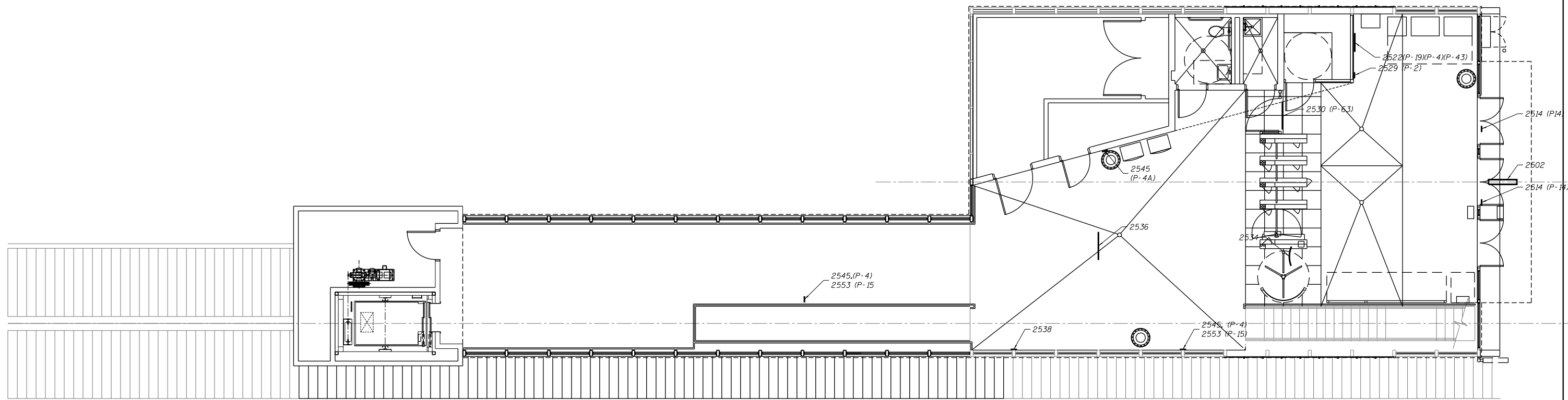
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
TACTILE PANEL PLAN, SECTION AND DETAILS**

SHEET NO. A-620 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	254
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				



1 STATION SIGNAGE FLOOR PLAN
SCALE: 1/4" = 1'-0"



10:21:09 AM
0161708-60W29-A-700.dgn



USER NAME = BAWitor+	DESIGNED - WHB	REVISED
	CHECKED - CRR	REVISED
PLOT SCALE = 128:0.0015 in:in / in.	DRAWN - WHB	REVISED
PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION SIGNAGE FLOOR PLAN**

SHEET NO. A-700 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	255
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

SIGN TYPES	ARTWORK	DESIGN NUMBER	INSTALLATION LOCATION	SIGN MESSAGE	MOUNTING DETAIL DRAWING SHEET	GRAPHIC COLOR(S)	BACKGROUND COLOR	DRILLING PATTERN	OVERALL SIGN SIZE	SIGN MATERIAL	SIGN QUANTITY	NOTES
NON-ILLUMINATED SIGNAGE												
P-2		OP - 5560	P-4	NO LOITERING DIAL 911	\$\$AS-004	BLACK COPY WHITE COPY RED PMS 200	WHITE	"C" FOR P-2 "W" FOR P-2A	xx	ALUMINUM (.063) CORPLAST (4MM) FIBERGLASS (.180) PORCELAIN (16 GA) STAINLESS (16 GA)	xx	EXISTING
P-4				NO SMOKING	\$\$AS-004	BLACK COPY RED PMS 200	WHITE	"C" FOR P-2 "W" FOR P-2A		ALUMINUM (.063) CORPLAST (4MM) FIBERGLASS (.180) PORCELAIN (16 GA) STAINLESS (16 GA)		EXISTING
P-4				NO SMOKING	\$\$AS-004	BLACK COPY RED PMS 200	WHITE	"C" FOR P-2 "W" FOR P-2A		ALUMINUM (.063) CORPLAST (4MM) FIBERGLASS (.180) PORCELAIN (16 GA) STAINLESS (16 GA)		NEW
P-14		OP - 7362		HOLD ON TO YOUR CHILDREN	\$\$AS-004	YELLOW COPY RED PMS 200 BLACK SYMBOLS	YELLOW	P-14-"C" P-14A-"W"		0616 FIBERGLASS 1694 PORCELAIN		EXISTING
P-15		OP - 7368		STAY ON PLATFORM	\$\$AS-004	YELLOW COPY RED PMS 200 BLACK SYMBOLS BLACK COPY	YELLOW	P-15-"C" P-15A-"W"		0616 FIBERGLASS 1694 PORCELAIN		EXISTING
P-17												NEW
P-18												NEW
P-19		FE-7861		SYSTEM MAP	\$\$AS-004	CMYK LITHOGRAPHIC PROCESS PREFERRED DIGITAL PROCESS CAN USE CMYKcLm CTA ROUTE COLORS	WHITE	NONE		90 GRAM DOUBLE SIDED MATTE PAPER WITH UV OVERLAMINTURE		EXISTING
P-20												NEW
P-26				HANDICAP	\$\$AS-004	BLUE PMS 300	WHITE	PORCELAIN ISA (0.5(13MM) FROM CORNER-4 HOLES COMPLETE WITH GROMMETS		MODUCAL (4MM) PLASTIGRAPHIX (10MM) PORCELAIN (16GA)		NEW
P-27				HANNDICAP ELEVATOR	\$\$AS-004	BLUE PMS 300	WHITE	"C"		ALUMINUM (.063) FIBERGLASS (.180) PORCELAIN (16 GA) STAINLESS (16 GA)		NEW
P-43		OP-9011		SURVEILLANCE CAMREAS ON PREMISES	\$\$AS-004	RED PMS 200	WHITE	"W"		FIBERGLASS (.180) PORCELAIN (16 GA)		EXISTING
P-44		OP-8989		DO NOT FEED THE BIRDS	\$\$AS-004	PMS 161C BROWN PMS 200C RED PMS 712C FLESH PMS 877C SILVER PMS 300C LOGO BLACK COPY	WHITE	"B"		FIBERGLASS (.180)		NEW
P-45		OP-8311		ELEVATOR	\$\$AS-004	PMS 300	WHITE COPY	"B"		PORCELAIN (16 GA)		NEW
P-45		OP-8312		ELEVATOR	\$\$AS-004	PMS 300	WHITE COPY	"B"		PORCELAIN (16 GA)		NEW
P-63												NEW
P-63				PURCHASE FARECARDS HERE	\$\$AS-004	BLACK	WHITE COPY	"C"		ALUMINUM (.063) FIBERGLASS (.180) PORCELAIN (16 GA)		NEW
				STATION ELEVATOR STATUS	\$\$AS-004	CTA ROUTE COLORS BLACK COPY	WHITE	NONE		MAKROLON AR (1/8")		EXISTING
P-76				CTA	\$\$AS-004	PMS 200 RED PMS 300C BLUE	OOPAQUE WHITE COPY	SUPPLIED TEMPLATE		CELLULOSE ACETATE BUTYRATE (CAB) PLASTIC		NEW

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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION SIGNAGE SCHEDULE (1 OF 1)**

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	256
CONTRACT NO.			60W29	

SHEET NO. A-701 OF 117 SHEETS

ILLINOIS FED. AID PROJECT

PRELIMINARY NOT FOR CONSTRUCTION

SIGN TYPES	ARTWORK	DESIGN NUMBER	INSTALLATION LOCATION	SIGN MESSAGE	MOUNTING DETAIL DRAWING SHEET	GRAPHIC COLOR(S)	BACKGROUND COLOR	DRILLING PATTERN	OVERALL SIGN SIZE	SIGN MATERIAL	SIGN QUANTITY	NOTES
ILLUMINATED SIGNAGE												
E-22Ha		xx	P-4	ELEVATOR	\$\$A-004	4 COLOR CMYK PROCESS, VINYL APPLICATION	xx	NONE	xx	FIBERGLASS (.180) ACRYLIC (.125) PLEXIGLASS (.125) POLYCARBONATE (.125)	xx	xx
E-22Ha				ELEVATOR	\$\$A-004	4 COLOR CMYK PROCESS, VINYL APPLICATION		NONE		FIBERGLASS (.180) ACRYLIC (.125) PLEXIGLASS (.125) POLYCARBONATE (.125)		
P-4												
P-14												
P-15												
P-17												
P-18												
P-19												
P-20												
P-26												
P-27												
P-43												
P-44												
P-45												
P-45												
P-63												
P-63												
P-76												

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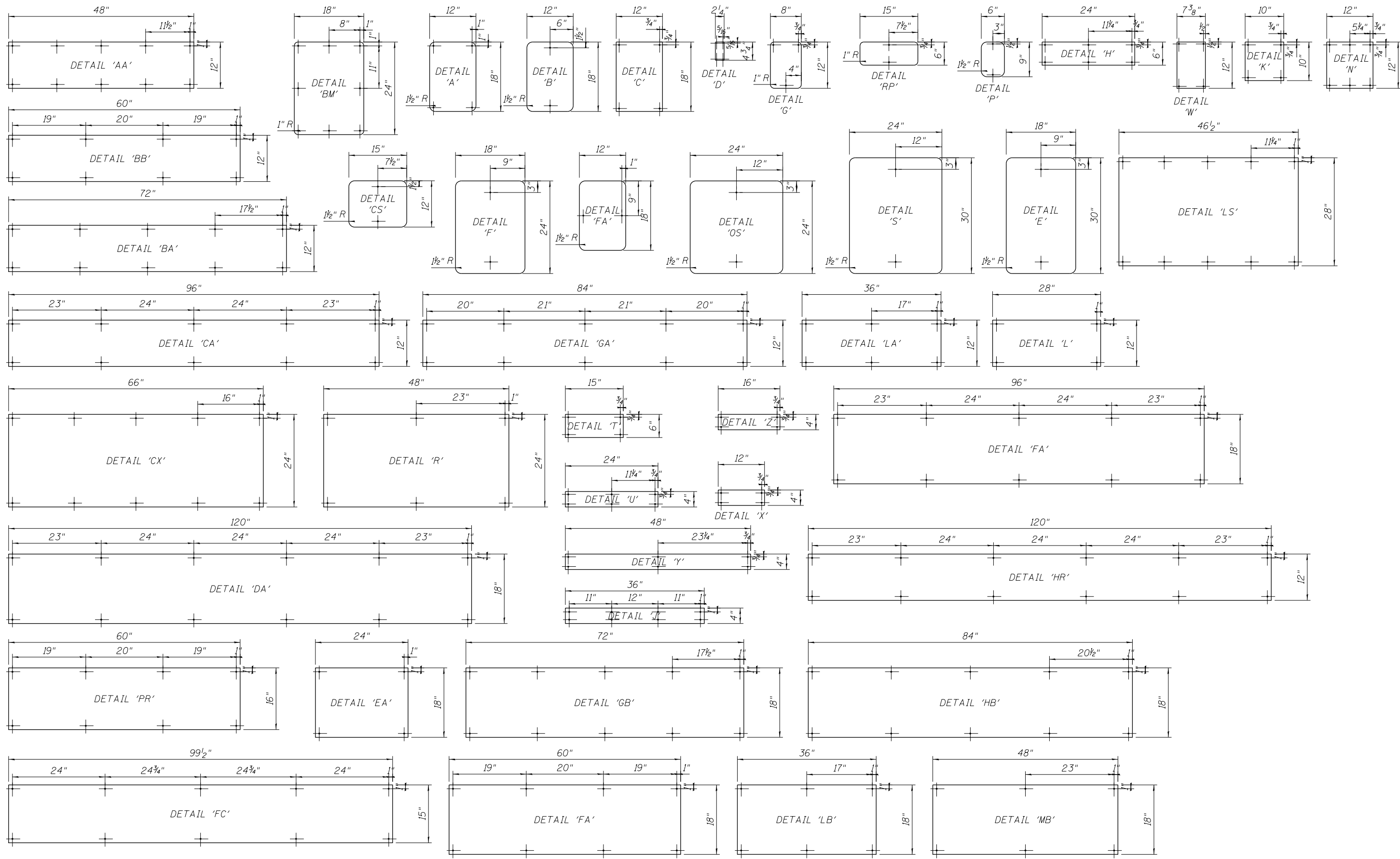
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION SIGNAGE SCHEDULE (2 OF 2)**

SHEET NO. A-702 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	257
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
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**PEORIA STREET STATION
STATION SIGNAGE MOUNTING DETAILS**

SHEET NO. A-703 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	258
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				



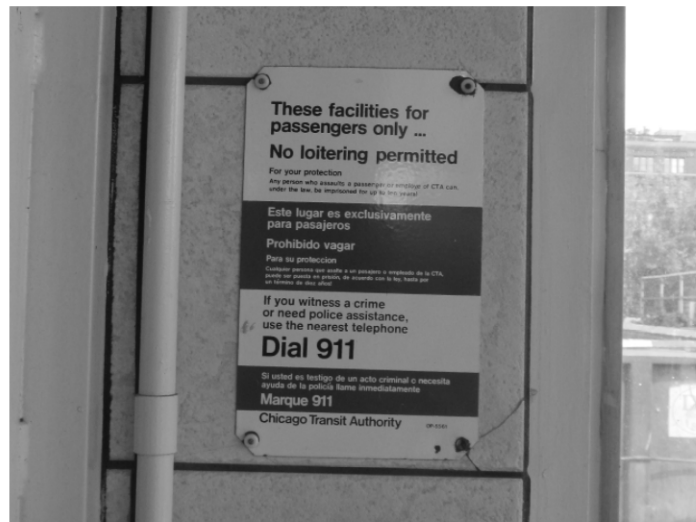
1 SIGNAGE 2502
SCALE: NTS



2 SIGNAGE 2514
SCALE: NTS



4 SIGNAGE 2522
SCALE: NTS



5 SIGNAGE 2529
SCALE: NTS



6 SIGNAGE 2530
SCALE: NTS



7 SIGNAGE 2534
SCALE: NTS



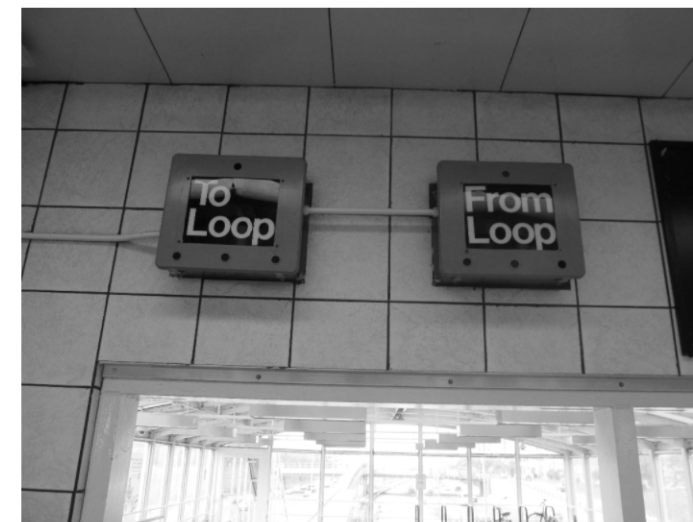
8 SIGNAGE 2536
SCALE: NTS



9 SIGNAGE 2538
SCALE: NTS



10 SIGNAGE 2539
SCALE: NTS



11 SIGNAGE 2541
SCALE: NTS



12 SIGNAGE 2545
SCALE: NTS

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DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
STATION EXISTING SIGNAGE PHOTOS (1 OF 2)

SHEET NO. A-704 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	259
CONTRACT NO.			60W29	

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① **SIGNAGE 2553**
SCALE: NTS

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PLOT DATE = 10/29/2013	CHECKED - CRR	REVISED

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DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION EXISTING SIGNAGE PHOTOS (2 OF 2)**

SHEET NO. A-705 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	260
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
STATION EXISTING SINGAGE PHOTOS**

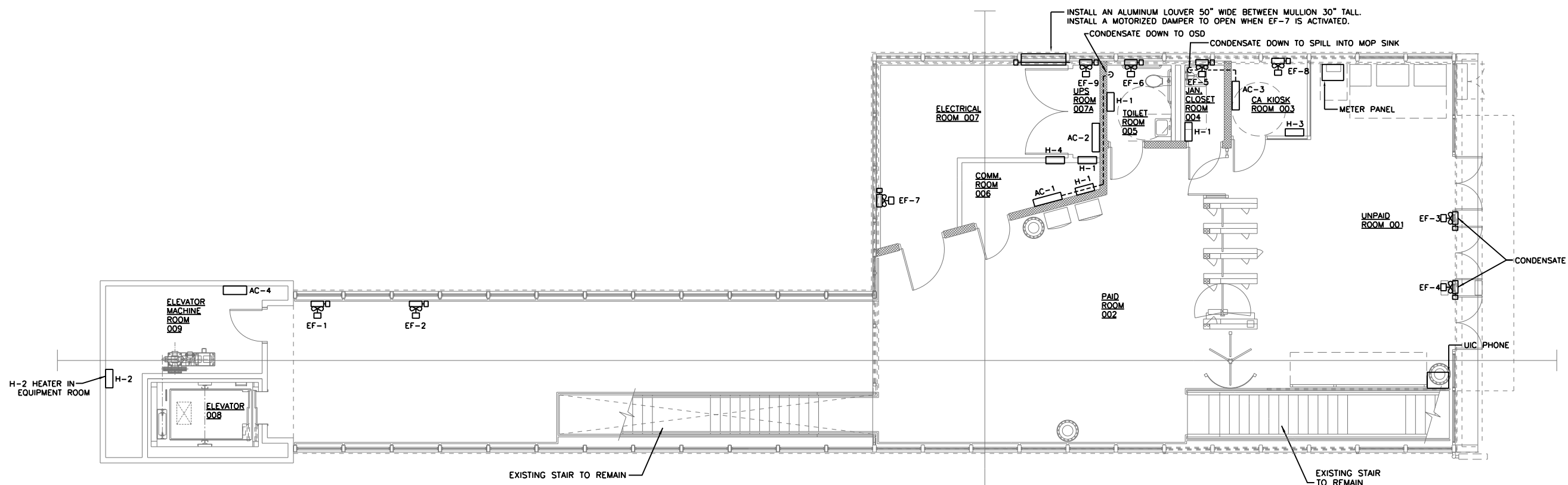
SHEET NO. A-706 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

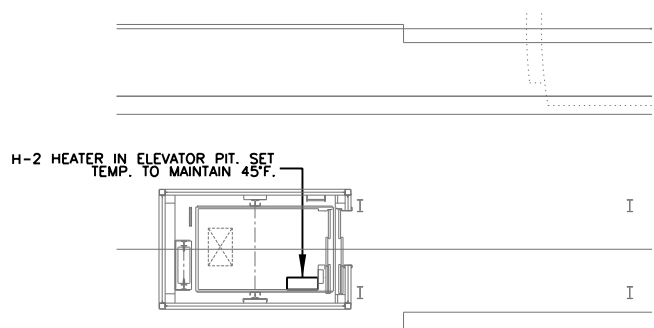
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	261
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

NOTES:

1. EXHAUST FANS EF-3, EF-4 & EF-7 TO BE BEHIND THE ARCHED LOUVERS ABOVE WINDOWS. BLANK OFF UNUSED LOUVERS. INSTALL MOTORIZED DAMPERS BETWEEN LOUVER AND FANS. WHEN FANS ARE ACTIVATED, DAMPERS TO OPEN IF FANS ARE NOT OPERATING; DAMPERS TO REMAIN CLOSED.
2. EXHAUST FANS EF-1, EF-2, EF-5, EF-6, EF-8 & EF-9 TO BE MOUNTED JUST BELOW CEILING. PROVIDE LOUVER AND MOTORIZED DAMPER TO ACCOMMODATE SIZE OF FAN BEING INSTALLED. IF FANS ARE ACTIVATED, DAMPERS TO OPEN. IF FANS ARE INACTIVE, DAMPERS TO REMAIN CLOSED.



1 STATION HOUSE MECHANICAL FLOOR PLAN
SCALE: 3/16" = 1'-0"



2 PLATFORM MECHANICAL PLAN
SCALE: 3/16" = 1'-0"

**THIS IS A BUY USA (AMERICAN) PROJECT,
ALL EQUIPMENT TO BE MANUFACTURED IN THE USA**

AAA ENGINEERING
WBE/DBE CERTIFIED
3940 West Touhy Avenue, Suite 210, Niles, IL 60714
Phone: 847-647-9999 • Fax: 847-647-4719

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
MECHANICAL STATION HOUSE & PARTIAL PLATFORM PLANS**

SHEET NO. 71 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	262
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

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EXHAUST FAN SCHEDULE

QTY.	TAG	AREA SERVED	LOCATION	CFM	S.P. (IN. H2O)	RPM	AMPS	WATTS	HP	VOLTS	PHASE	CYCLE	DRIVE	SONES	WEIGHT (LBS)	SIZE (LxWxH)	MANUF.	MODEL	REMARKS
1	EF-1	PAID	-	6100	.25	725	-	-	1/2	120	1	60	BELT	15.5	95	30"DIA	GREENHECK	SBE-1H305	3 5 6
1	EF-2	UNPAID	-	6100	.25	725	-	-	1/2	120	1	60	BELT	15.5	95	30"DIA	GREENHECK	SBE-1H305	3 5 6
1	EF-3	UNPAID	-	6100	.25	725	-	-	1/2	120	1	60	BELT	15.5	95	30"DIA	GREENHECK	SBE-1H305	3 5 6
1	EF-4	UNPAID	-	6100	.25	725	-	-	1/2	120	1	60	BELT	15.5	95	30"DIA	GREENHECK	SBE-1H305	3 5 6
1	EF-5	JAN CLOSET	-	200	.25	1650	-	.78	-	120	1	60	DIRECT	5.2	20	10"DIA	GREENHECK	SE-1-10-428P	1 4 5
1	EF-6	TOILET	-	200	.25	1650	-	.78	-	120	1	60	DIRECT	5.2	20	10"DIA	GREENHECK	SE-1-10-428P	1 4 5
1	EF-7	ELECTRICAL	-	2600	.25	829	-	-	3/4	120	1	60	BELT	14.8	140	24"DIA	GREENHECK	SBE-1H24-3	2 5 6
1	EF-8	CA KIOSK	-	200	.25	1650	-	.78	-	120	1	60	DIRECT	5.2	20	10"DIA	GREENHECK	SE-1-10-428P	1 3 5
1	EF-9	UPS	-	200	.25	1650	-	.78	-	120	1	60	DIRECT	5.2	20	10"DIA	GREENHECK	SE-1-10-428P	1 3 5

EQUIVALENT EQUIPMENT BY COOK AND PENNBARRY ARE ACCEPTABLE.

NOTES:

- EXHAUST FAN TO BE PROVIDED WITH BACKDRAFT DAMPER, INTERNAL DISCONNECT, AND WALL COLLAR MOUNTING OPTION.
- CONTROLLED BY SPACE THERMOSTAT AND SPACE INTERFACE RELAY.
- PROVIDE CONTROL THROUGH ON-DUTY/OFF-DUTY SWITCH. EQUIPMENT CANNOT BE STARTED WHEN SWITCH IS TURNED TO OFF-DUTY DURING OCCUPIED MODE, SWITCH WILL BE TURNED TO ON-DUTY AND WINTER/SUMMER THERMOSTAT WILL MAINTAIN DESIRED TEMPERATURE.
- FAN TO BE CONTROLLED BY LIGHT SWITCH TO ENGAGE WHEN OCCUPIED.
- EXHAUST FANS TO BE PROVIDED WITH REMOVABLE WIRE MESH SCREEN TO PROTECT PERSONNEL.
- EXHAUST FAN TO BE PROVIDED WITH BACKDRAFT DAMPER, AND INTERNAL DISCONNECT.

VENTILATION SCHEDULE

ROOM NO.	ROOM NAME (PLAN)	ROOM PURPOSE (PER TABLE 403.3)	FLOOR AREA (SQ.FT.)	NATURAL LIGHT VENT		ORDINANCE REQUIREMENTS		ACTUAL PROVIDED		EQUIPMENT		REMARKS
				GLASS AREA	VENT AREA	MECHANICAL VENTILATION (CFM)		MECHANICAL VENTILATION (CFM)		TAG OF EQUIPMENT SUPPLYING AIR TO THE ROOM	TAG OF EQUIPMENT EXHAUSTING AIR FROM THE ROOM	
						SUPPLY AIR	(FROM RM) EXH. AIR	SUPPLY AIR	(FROM RM) EXH. AIR			
1	ELECTRICAL ROOM	INACTIVE STORAGE	205	-	-	0	0	-	2600	-	E-7	
2	COMM. ROOM	INACTIVE STORAGE	54	-	-	0	0	280	-	AC-1	-	
3	UPS	INACTIVE STORAGE	22	-	-	0	0	280	200	AC-2	E-9	
4	TOILET ROOM	TOILET	43	-	-	-	94	-	200	-	E-6	
5	JAN. CLOSET	JAN. CLOSET	26	-	-	-	52	-	200	-	E-5	
6	CA KIOSK	OFFICE	50	-	-	50	50	300	200	AC-3	E-8	
7	UNPAID	CORRIDOR	585	-	-	NR	NR	-	12,200	-	E-3, E-4	
8	PAID	CORRIDOR	1329	-	-	NR	NR	-	12,200	-	E-1, E-2	
9	ELEV. EQUIP	ELEV EQUIP	150	-	-	NR	NR	635	-	AC-4	-	

ELECTRIC HEATING EQUIPMENT SCHEDULE

QTY.	TAG	TYPE	KW	BUT/HOUR	VOLTS	PHASE	AMPS	BLOW	CFM	WEIGHT (LBS)	SIZE (WxHxD)	MANUFACTURER	MODEL	REMARKS
4	H-1	WALL HEATER	3.0	10,239	208	1	14.4	HORIZ.	245	55	14 1/2 x 23 1/8 x 4 1/4	MARKEL	F3453T	NOTES 1,3
2	H-2	WALL HEATER	5.0	17,065	208	3	13.9	HORIZ.	245	55	14 1/2 x 23 1/8 x 4 1/4	MARKEL	J3455T	NOTES 1,2
1	H-3	WALL HEATER	3.0	10,239	208	1	14.4	HORIZ.	245	55	14 1/2 x 23 1/8 x 4 1/4	MARKEL	F3453T	NOTES 1,2
1	H-4	WALL HEATER	5.0	17,065	208	3	13.9	HORIZ.	245	55	14 1/2 x 23 1/8 x 4 1/4	MARKEL	J3455T	NOTES 1,3

NOTES:

- WALL HEATERS TO BE PROVIDED WITH BUILT-IN THERMOSTAT CONTROL AND DISCONNECT.
- WALL HEATER TO BE SURFACE MOUNTED IN ELEVATOR SHAFT, ELEVATOR EQUIP. ROOM & CA KIOSK.
- WALL HEATER TO BE RECESSED IN WALL. PROVIDE MOUNTING SLEEVE.

MECHANICAL ABBREVIATION LIST

AC	AIR CONDITIONER
ACD	AUTOMATIC CONTROL DAMPER
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CU	CONDENSING UNIT
DN	DOWN
DS	DUCTLESS SPLIT SYSTEM
EF	EXHAUST FAN
EUH	ELECTRIC UNIT HEATER
EWB	ELECTRIC WALL HEATER
FD	FIRE DAMPER
FT	FEET
HORIZ	HORIZONTAL
HP	HORSEPOWER
HR	HOUR
IH	INFRARED HEATERS
KW	KILOWATT
L	LOUVER
LBS	POUNDS
MANUF	MANUFACTURER
NTS	NOT TO SCALE
OAI	OUTSIDE AIR INTAKE
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
SF	SUPPLY FAN
SQ.FT.	SQUARE FEET
TEMP	TEMPERATURE
SYM	SYMMETRIC
TYP	TYPICAL
VERT	VERTICAL
WH	WALL HEATER

MECHANICAL SYMBOL LIST

	ELECTRIC UNIT HEATER
	EXHAUST FAN
	MOTORIZED DAMPER
	DUCTWORK
	SWITCH
	THERMOSTAT

REFRIGERATION SCHEDULE

TAG	NO. OF COMPR.	COMPR. TONS	COMPR. HP	REF	WT. REF.	REMOTE	SELF CONTAINED	LOCATION	AIR COOLED	WATER COOLED	COOLING TOWER	GLYCOL CHILLER	SPECIAL
AC-1	0	0	0	R-410	-	YES	NO	COMM. RM. WALL	YES	NO	NO	NO	1 QUANT.
AC-2	0	0	0	R-410	-	YES	NO	UPS CLOS. WALL	YES	NO	NO	NO	1 QUANT.
AC-3	0	0	0	R-410	-	YES	NO	CA KIOSK WALL	YES	NO	NO	NO	1 QUANT.
AC-4	0	0	0	R-410	-	YES	NO	ELEV. EQUIP ROOM	YES	NO	NO	NO	1 QUANT.
CU-1	1	4	4	R-410	8.8 LBS.	YES	NO	BELOW STATION HOUSE ABOVE PLATFORM COVERING	YES	NO	NO	NO	1 QUANT.

- AC-1 EVAPORATOR TO BE DAIKEN AC MODEL FXAQ09PVJU, 208-230/1/60 POWER CONSUMPTION LESS THEN 2 AMPS. COOLING CAPACITY 9,500 BTU/H, 280 CFM. UNIT WEIGHT 26 LBS. CONTROLLER TO BE BRC2A71 SIMPLIFIED CONTROLLER.
- AC-2 EVAPORATOR TO BE DAIKEN AC MODEL FXAQ09PVJU, 208-230/1/60 POWER CONSUMPTION LESS THEN 2 AMPS. COOLING CAPACITY 9,500 BTU/H, 280 CFM. UNIT WEIGHT 26 LBS. CONTROLLER TO BE BRC2A71 SIMPLIFIED CONTROLLER.
- AC-3 EVAPORATOR TO BE DAIKEN AC MODEL FXAQ12PVJU, 208-230/1/60 POWER CONSUMPTION LESS THEN 2 AMPS. COOLING CAPACITY 12,000 BTU/H, 300 CFM. UNIT WEIGHT 26 LBS. CONTROLLER TO BE BRC2A71 SIMPLIFIED CONTROLLER.
- AC-4 EVAPORATOR TO BE DAIKEN AC MODEL FXAQ024PVJU, 208-230/1/60 POWER CONSUMPTION LESS THEN 4 AMPS. COOLING CAPACITY 24,000 BTU/H, 635 CFM. UNIT WEIGHT 31 LBS. CONTROLLER TO BE BRC2A71 SIMPLIFIED CONTROLLER.
- CONDENSER TO BE DAIKEN AC VRVIII-S RXYMQ36PVJU, 208-230/1/60 MOCOP 30.0A, MCA 27.0A COMPRESSOR IS SCROLL TYPE WITH A CU-1 COOLING CAPACITY OF 47,500 BTU/HR. SEER 15.10, CAN CONNECT UP TO 8 EVAPORATOR UNITS. TEMPERATURE OPERATING RANGE IS 23°-115°F.
- EQUIVALENT EQUIPMENT AS MANUFACTURED BY TRANE OR CARRIER ARE ACCEPTABLE.

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W870/DBE CERTIFIED
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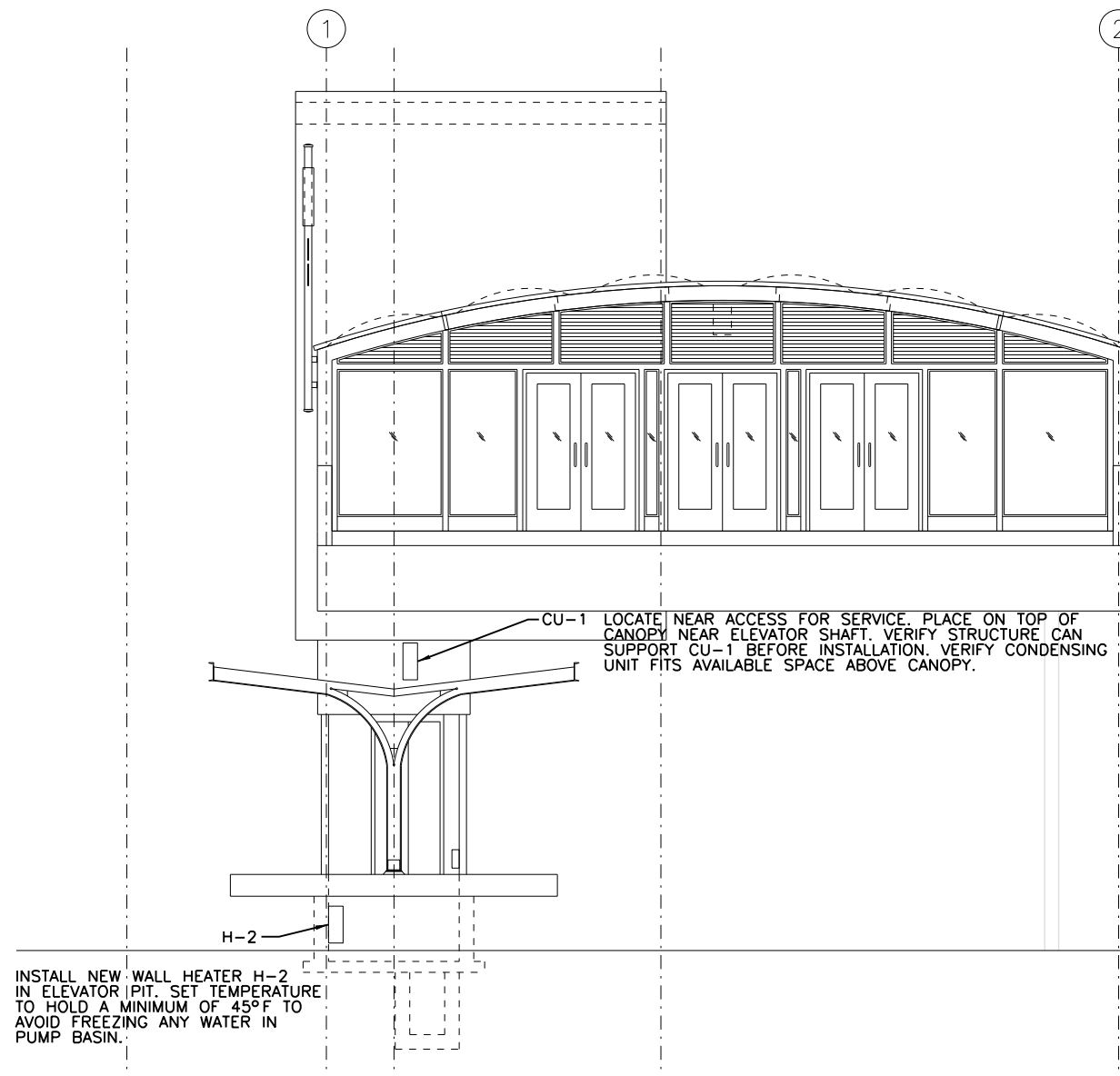
PEORIA STREET STATION
DETAILS, NOTES AND SYMBOL LIST

SHEET NO. 72 OF 117 SHEETS

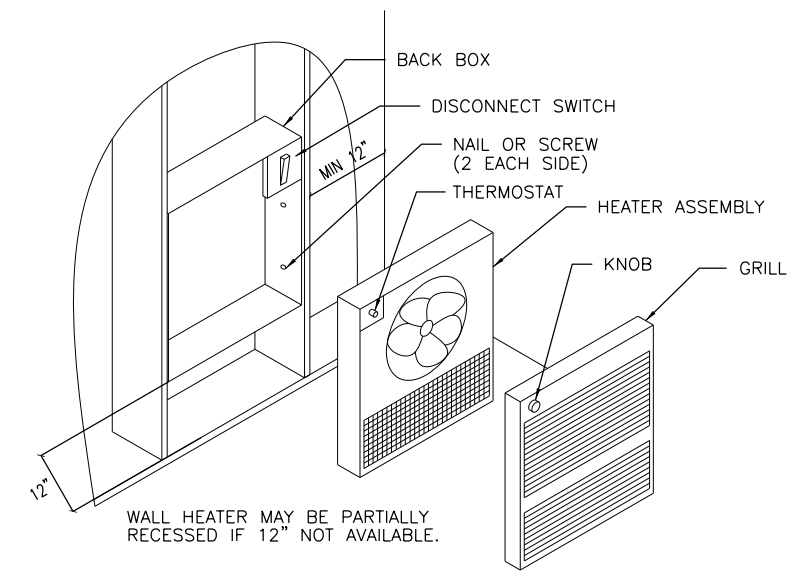
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	263
CONTRACT NO.				60W29

ILLINOIS FED. AID PROJECT

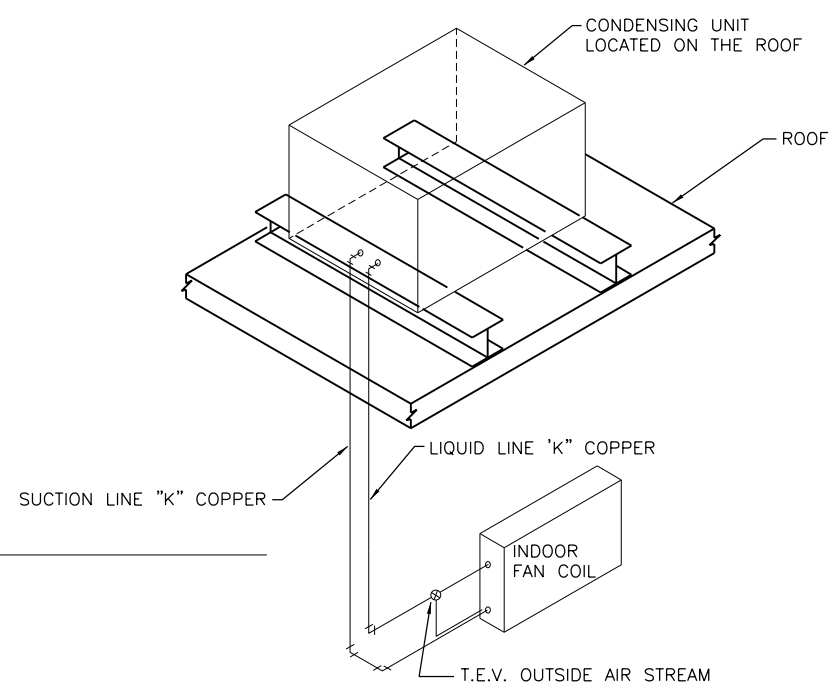
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1 MECHANICAL ELEVATOR SHAFT
SCALE: 1/4" = 1'-0"



2 ELECTRIC WALL HEATER (EWH) DETAIL
SCALE: NONE



3 REFRIGERATION PIPING & COMPONENT DIAGRAM
SCALE: NONE

REFRIGERATION NOTES:

1. REMOVE EXPANSION VALVES, DEVICES, AND CONNECTIONS FROM THE AIR STREAM. INSTALL PRESSURE RELIEF VALVE ON HIGH PRESSURE SIDE OF SYSTEM. UPSTREAM FROM ANY LIQUID LINE SHUT-OFF VALVES.
2. REMOTE REFRIGERATION PIPING TO BE K-COPPER.
3. ALL JOINTS SHALL BE BRAZED.
4. ALL REFRIGERATION PIPING AND ACCESSORIES TO BE INSTALLED IN COMPLETE ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



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STATE OF ILLINOIS
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PEORIA STREET STATION
MECHANICAL ELEVATOR ELEVATION

SHEET NO. 73 OF 117 SHEETS

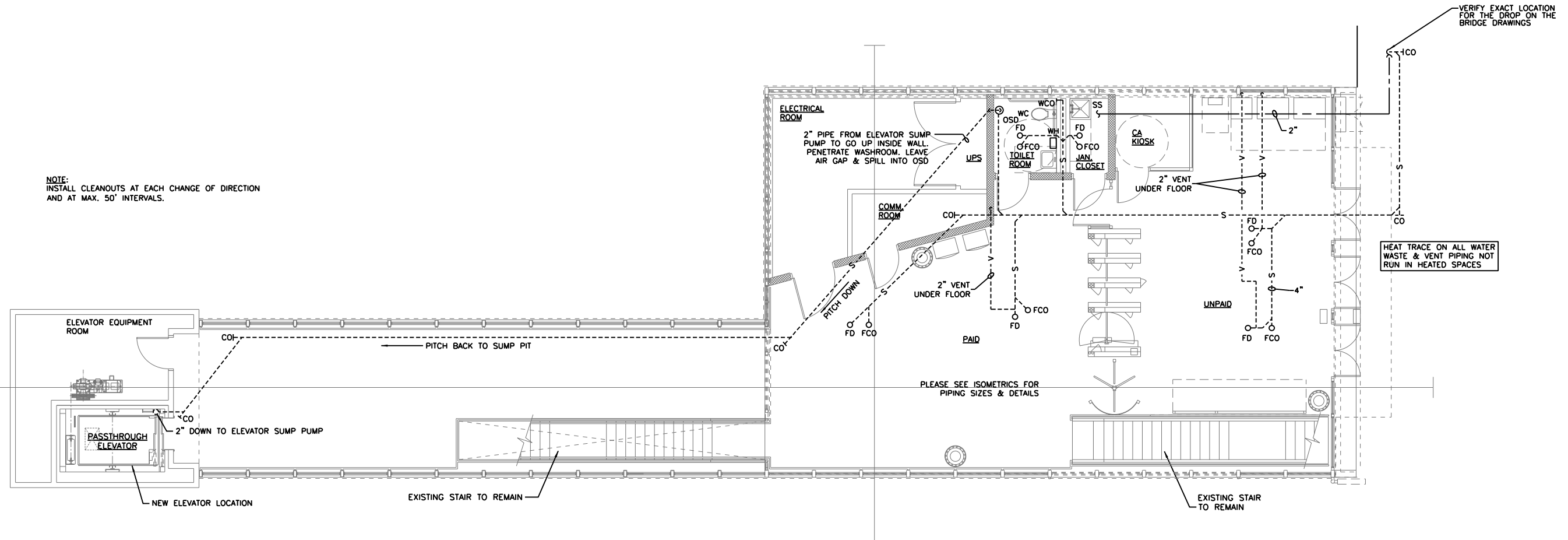
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	264
CONTRACT NO. 60W29				

ILLINOIS FED. AID PROJECT

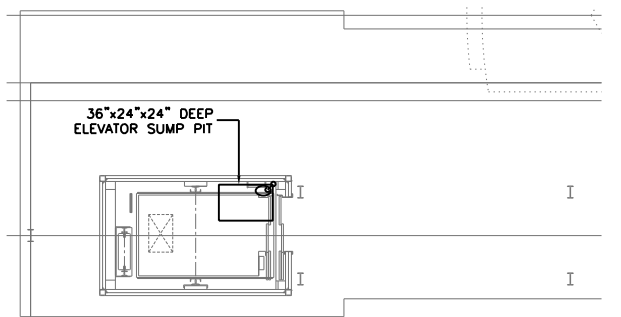
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NOTE:
INSTALL CLEANOUTS AT EACH CHANGE OF DIRECTION
AND AT MAX. 50' INTERVALS.



1 STATION HOUSE PLUMBING FLOOR PLAN
SCALE: 3/16" = 1'-0"



2 PLATFORM PLUMBING PLAN
SCALE: 3/16" = 1'-0"

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AAA ENGINEERING
WSB/DBE CERTIFIED
3940 West Touhy Avenue, Suite 210, Niles, IL 60714
Phone: 847-647-9999 • Fax: 847-647-4719

TranSystems

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PLOT SCALE = 10:8 1/4" / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION PLUMBING STATION HOUSE
& PARTIAL PLATFORM PLANS**

SHEET NO. 74 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	265
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

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PLUMBING FIXTURE SCHEDULE

QTY.	FIXTURE	SYMBOL	SIZE	TYPE	MANUFACTURER	MODEL NO.	COLOR	MATERIAL	TRAP	CARRIER	MOUNTING HEIGHT	SUPPLY FITTING	STOP VALVE	REMARKS
1	LAVATORY	LAV	20"x18-1/4"	WALL MOUNTED	AMERICAN STANDARD	0356.015	WHITE	VITREOUS CHINA	1-1/4" C.P. "P" TRAP WITH ESCUTHEON	J.R. SMITH 0750	34" TO RIM	CHICAGO FAUCETS 404-VE-2805CP	PAIR CHICAGO FAUCET 1005-CP	FAUCET HOLES ON 8" CENTERS. LAVATORY TO BE ADA COMPLIANT, PIPE ACCORDINGLY. GRID DRAIN, INSULATE WITH TRUEBRO INSULATION.
1	WATER CLOSET	WC	31-3/4"x19-1/2"	WALL MOUNTED	AMERICAN STANDARD	3351.001	WHITE	VITREOUS CHINA	INTEGRAL	J.R. SMITH 0230	17" TO RIM	SLOAN 115-1.6	INTEGRAL	WATER CLOSET TO BE ADA COMPLIANT. SEAT TO BE CHURCH #2955SSC WITH OPEN FRONT, WITHOUT COVER.
1	MOP SINK	MS	24"x24"x12"	FLOOR MOUNTED	FIAT	TSBC-1610	GRAY	CEMENT	3" C.P. "P" TRAP WITH ESCUTHEON	--	ON FLOOR	CHICAGO FAUCETS 911-ISC	INTEGRAL	MOP SINK TO BE PROVIDED WITH VACUUM BREAKER (MTD 7'-6" AFF). INCLUDE FIAT #832-AA HOSE W/BRACKET AND FIAT #889-CC MOP HANGER.

KOHLER, ELJER, AND CRANE ARE APPROVED EQUALS FOR LAVATORIES AND WATER CLOSETS. FLORESTONE, CREATIVE INDUSTRIES, AND ELSMERE ARE APPROVED EQUALS FOR MOP SINKS.

DRAIN FITTING SCHEDULE

SYM.	TYPE	SIZE	MANUFACTURER	MODEL NO.	TOP FINISH	REMARKS
FD	FLOOR DRAIN	4"	J.R. SMITH	2010-B-U	8" SQUARE NICKEL-BRONZE	GALVANIZED BODY; 2" CAST IRON "P" TRAP; CLAMPING RING.
CO	CLEAN OUT	4"	J.R. SMITH	4420	---	CAST IRON CLEANOUT FERRULE, BRONZE COUNTERSUNK PLUG.
FCO	FLOOR CLEAN OUT	4"	J.R. SMITH	4023	SATIN NIKALOY	CAST IRON CLEANOUT FERRULE, BRONZE COUNTERSUNK PLUG.
WCO	WALL CLEAN OUT	4"	J.R. SMITH	4422	5-1/2" ROUND STAINLESS STEEL	ACCESS COVER, CENTER SCREW, COATED CAST IRON CLEANOUT FERRULE WITH NO-HUB CONNECTION AND BRONZE COUNTERSUNK PLUG.
OSD	OPEN SITE DRAIN	4"	J.R. SMITH	3824	5" FUNNEL INLET	DEEP SEAL "P" TRAP WITH INDIRECT WASTE FUNNEL AND SIDE OUTLET THREADED CONNECTION.

JOSAM, ZURN, AND WADE ARE APPROVED EQUALS.
CLEANOUTS TO BE ADDED AS NEEDED, AT INTERVALS NO LARGER THAN FIFTY FEET AND ANY CHANGE IN DIRECTION.

WATER HEATER (WH)

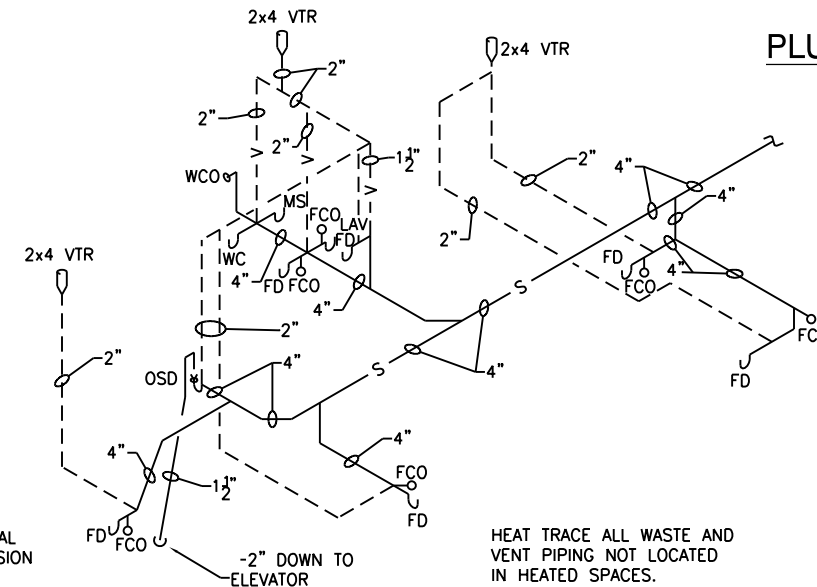
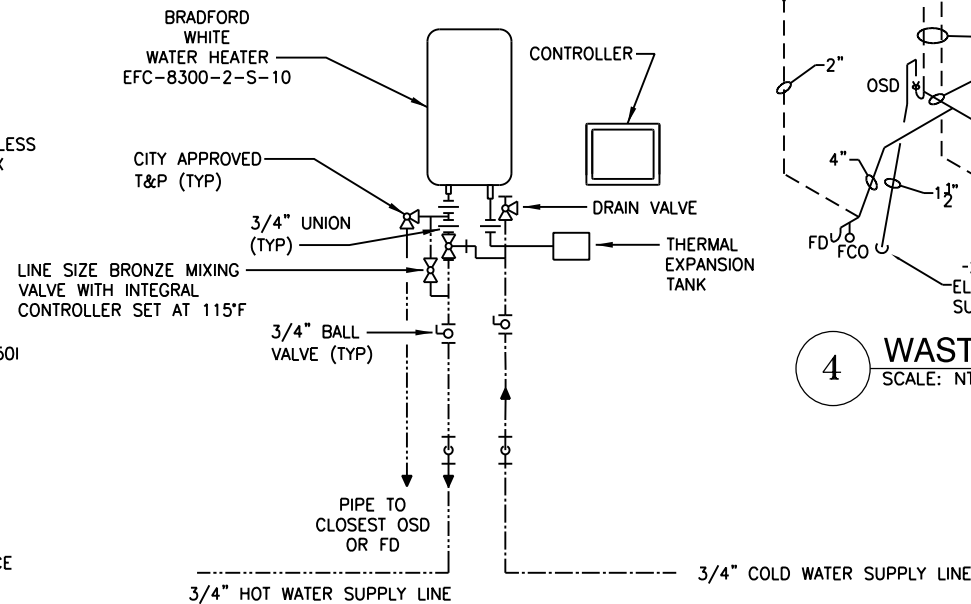
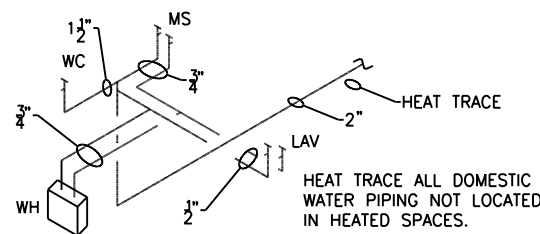
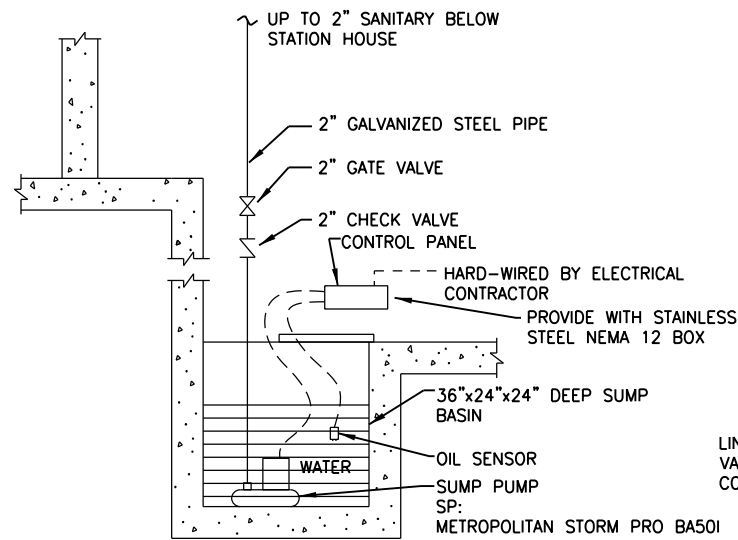
(QTY. 1) INSTANTANEOUS ELECTRIC WATER HEATER (WH) TO BE BRADFORD WHITE MODEL EFC-8300-2-S-10 OR APPROVED EQUAL. 208 VOLTS, 1 PHASE, 8.3KW, 39.0 AMPS. CAPABLE OF HEATING 0.75 GPM AT A TEMPERATURE RISE OF 76°F. UNIT TO HAVE ABS UL 94 VO RATED COVER. HEATER BODY AND ELEMENT TO BE GLASS REINFORCED NORYL. ELEMENT TO BE REPLACABLE CARTRIDGE INSERT. UNIT TO HAVE A REPLACABLE FILTER IN THE INLET CONNECTOR. ELEMENT TO BE IRON FREE, NICKEL-CHROME MATERIAL. HEATER TO BE FITTED WITH 1/2" COMPRESSION NUTS AND SLEEVES TO ELIMINATE NEED FOR SOLDERING. MAXIMUM OPERATING PRESSURE OF 150 PSI. HOT WATER STORAGE TANKS ARE PROHIBITED.

SUMP PUMPS (SP)

SUMP PUMP (SP) TO BE METROPOLITAN MODEL "STORM-PRO" BA501 HEAVY-DUTY SUBMERSIBLE PUMP, WITH STAINLESS STEEL HOUSING AND PUMP STRAINER, NON-CLOGGING VORTEX CAST IRON IMPELLER, STAINLESS STEEL SHAFT, BUNA-N O-RINGS, DUAL MECHANICAL, TYPE 21 OIL LUBRICATED SEALS, UPPER & LOWER BEARINGS (SINGLE ROLL BALL, OIL LUBRICATED). MOTOR TO BE 1/2-HP, 115-VOLT, 1-PH, 5.8-AMP DRAW. DISCHARGE TO BE 2", AND THE PUMP IS TO BE CAPABLE OF 15 GPM@26 FT. HD. SUMP PUMP TO BE PROVIDED WITH A STAINLESS STEEL NEMA 12 BOX. ACCEPTABLE ALTERNATIVES STAINLESS INCLUDE WEIL PUMP AND APPROVED EQUALS. SEE SPECIFICATION SECTION 22 40 00 PLUMBING FOR ALL REQUIRED ACCESSORIES.

PLUMBING SYMBOL & ABBREVIATION LIST

CO	CLEAN OUT	RD	ROOF DRAIN
CONT.	CONTINUED	S	SANITARY SEWER
CW	COLD WATER	SP	SUMP PUMP
DN	DOWN	SS	SERVICE SINK
DS	DOWN SPOUT	ST	STORM SEWER
F/B	FROM BELOW	TYP	TYPICAL
FCO	FLOOR CLEAN OUT	V	VENT
FD	FLOOR DRAIN	VB	VACUUM BREAKER
HB	HOSE BIBB	VTR	VENT THRU ROOF
HW	HOT WATER	WC	WATER CLOSET
LAV	LAVATORY	WCO	WALL CLEAN OUT
NTS	NOT TO SCALE	WH	WATER HEATER
OSD	OPEN-SITE DRAIN		CONNECT TO EXISTING
---	S	---	SANITARY SEWER (ABOVE GROUND)
---	S	---	SANITARY SEWER (BELOW GROUND)
---	ST	---	STORM SEWER (ABOVE GROUND)
---	ST	---	STORM SEWER (BELOW GROUND)
---	V	---	VENT PIPING
---	---	---	COLD WATER PIPING
---	---	---	HOT WATER PIPING
---	---	---	HEAT-TRACED PIPING
---	---	---	PIPE TURNED DOWN
---	---	---	PIPE TURNED UP
---	---	---	TEE TURNED DOWN
---	---	---	TEE TURNED UP
---	---	---	GATE VALVE
---	---	---	CHECK VALVE
---	---	---	BALL VALVE



NOTES:

- ALL WASTE, HOT & COLD WATER PIPING IN NON-HEATED AREAS TO BE HEAT-TRACED AND INSULATED.
- COLD WATER SUPPLY CONNECTIONS FOR FIXTURES TO BE ON THE RIGHT AND HOT WATER SUPPLY CONNECTIONS FOR FIXTURES TO BE ON THE LEFT.
- HEAT TRACING AND HEAT TRACING CONTROLS BY ELECTRICAL CONTRACTOR. SEE ELECTRICAL DRAWINGS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

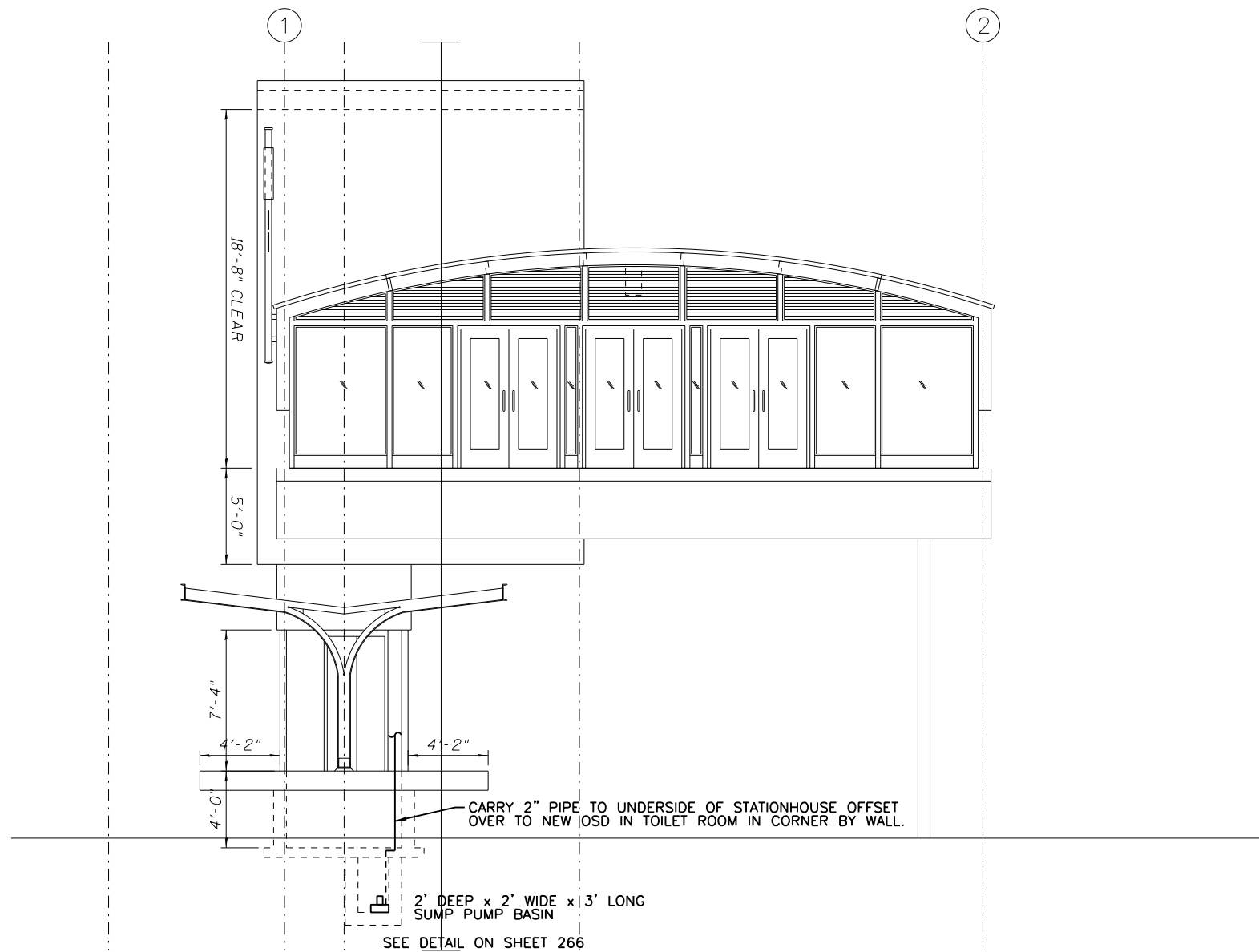
**PEORIA STREET STATION
PLUMBING NOTES, DIAGRAMS AND SYMBOL LIST**

SHEET NO. 75 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	266
CONTRACT NO.				60W29

ILLINOIS FED. AID PROJECT



1 PLUMBING ELEVATOR SHAFT
SCALE: 1/4" = 1'-0"

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
PLUMBING ELEVATOR ELEVATION**

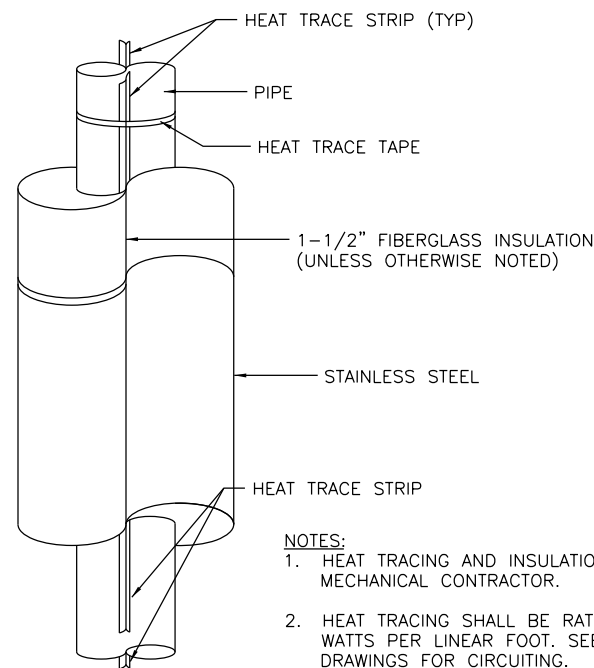
SHEET NO. 76 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	267
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

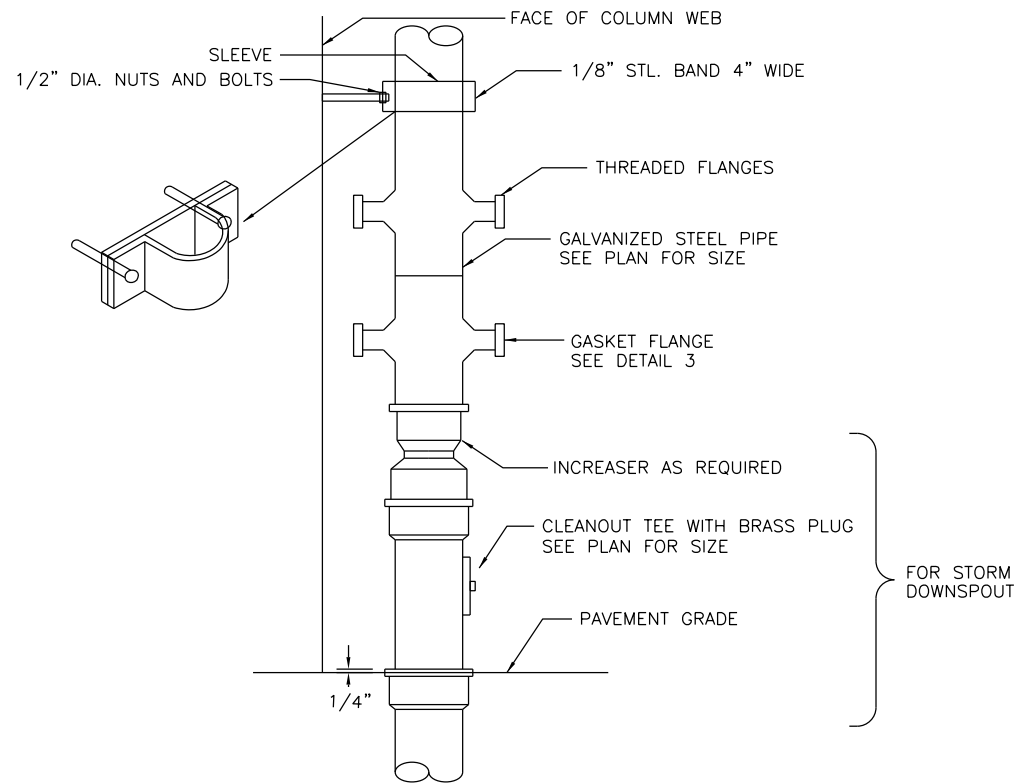
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- NOTES:**
- HEAT TRACING AND INSULATION BY MECHANICAL CONTRACTOR.
 - HEAT TRACING SHALL BE RATED AT 8 WATTS PER LINEAR FOOT. SEE ELECTRICAL DRAWINGS FOR CIRCUITING.
 - FOR HORIZONTAL PIPING, RUN HEAT TRACE STRIP BETWEEN 4:00 AND 5:00 POSITIONS OR BETWEEN 7:00 AND 8:00 POSITIONS.

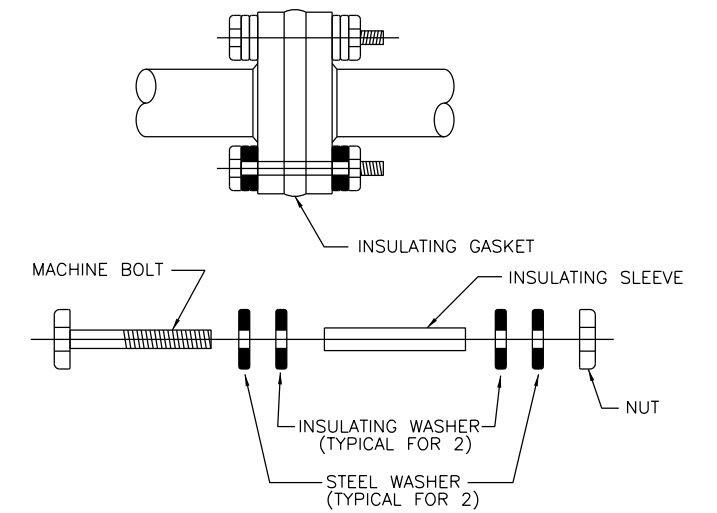
1 TYPICAL DETAIL OF PIPING WITH HEAT TRACE AND INSULATION

SCALE: NONE



2 DOUBLE INSULATED FLANGE DETAIL

SCALE: NONE



3 INSULATING FLANGE

SCALE: NONE

NOTE:
THERE IS TO BE NO PIPING WITH DIRECT CONNECTION TO GROUND. ALL PIPING TO HAVE A DIELECTRIC FITTING BEFORE CONNECTING TO GROUND.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PEORIA STREET STATION PLUMBING DETAILS

SHEET NO. 77 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	268
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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GENERAL NOTES

- ALL ELECTRICAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND ALL OTHER DRAWINGS RELATED TO THE PERFORMANCE OF THE WORK.
- THE CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THIS WORK IS TO BECOME THOROUGHLY FAMILIAR WITH THE PROJECT SPECIFICATIONS BEFORE COMMENCING ANY WORK. THE PROJECT SPECIFICATIONS AND DRAWINGS FORM THE BASIS OF THE CONTRACT REQUIREMENTS AND INCLUDE THE TYPE AND GRADE OF MATERIALS TO BE INSTALLED, EQUIPMENT TO BE FURNISHED, THE MANNER BY WHICH TO BE INSTALLED AND WHERE TO BE LOCATED. IN THE EVENT OF A CONFLICT BETWEEN THE PROJECT SPECIFICATIONS AND DRAWINGS, SPECIFICATIONS GOVERN UNLESS THE COMMISSIONER DIRECTS OTHERWISE.
- THE CONTRACTOR IS TO CHECK CAREFULLY ALL CONSTRUCTION DRAWINGS AND SPECIFICATIONS THAT ARE PART OF THIS PROJECT TO ENSURE THAT NO FIXTURE, OUTLET, ALARM STATION OR CONTROL AND POWER WIRING IS OMITTED. THE CONTRACTOR IS TO CONSULT ALL TRADES FURNISHING EQUIPMENT AND OBTAIN FROM THEM ALL DATA. IN SOME CASES EQUIPMENT, FIXTURES AND DEVICES ARE SHOWN FOR REFERENCE ONLY. ASCERTAIN AND PROVIDE THE WIRING AND CONTROL STATIONS REQUIRED FOR THE PROPER FUNCTION OF THE STATION EQUIPMENT.
- EQUIPMENT LABELS AND INSTRUCTIONS REGARDING THE APPLICATION AND INSTALLATION OF THE LISTED EQUIPMENT IS TO BE FOLLOWED TO INSURE THAT THE EQUIPMENT IS BEING INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S LISTING INSTRUCTIONS. THE TEMPERATURE RATING OF THE EQUIPMENT TERMINATIONS ARE TO BE CAREFULLY CORRELATED WITH THE CONDUCTOR AMPACITY TO PREVENT OVERHEATING AND PREMATURE FAILURE.
- ELECTRICAL DRAWINGS ARE DIAGRAMATIC IN NATURE. NO DIMENSIONS ARE TO BE SCALED OFF ELECTRICAL DRAWINGS. CONTRACTOR IS TO CONSULT ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES, MISCELLANEOUS DEVICES AND OUTLETS.
- COORDINATE WITH OTHER TRADES AND INSTALL CONDUIT AND BOXES TO CLEAR EMBEDDED DUCTS, OPENINGS AND OTHER STRUCTURAL FEATURES.
- ALL LIGHTING FIXTURES ARE TO BE LOCATED AS REQUIRED ON THE PROJECT TO CLEAR DUCTS, PIPING, EQUIPMENT, AND/OR MECHANICAL UNITS.
- CONDUIT RUNS SHOWN ON THE DRAWINGS ARE DIAGRAMATIC. ALL CONDUITS ARE TO RUN CONCEALED, EXCEPT IN EQUIPMENT ROOMS AND WHERE APPROVED BY THE COMMISSIONER.
- FURNISH AND INSTALL EQUIPMENT DISCONNECT SWITCHES IN STRICT COMPLIANCE WITH CHICAGO ELECTRICAL CODE REQUIREMENTS.
- NORMAL AND EMERGENCY SYSTEMS ARE TO BE INSTALLED IN SEPARATE RACEWAYS, AND ARE NOT TO BE IN SHARED RACEWAYS.
- CONTRACTOR IS TO COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL DEVICES WITH THE ARCHITECTURAL PLANS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL DETAILS, ELEVATIONS.
- ALL BRANCH CIRCUITS ARE TO BE GROUPED INTO PHASE BALANCED MULTIPLE CIRCUIT HOMERUNS. NOT MORE THAN 6 CIRCUITS ARE ALLOWED IN ONE HOMERUN CONDUIT. ANY CONDUITS ARE NOT TO CONTAIN MORE THAN ONE 3-PHASE, 4-WIRE FEEDER. A GROUND WIRE IS TO BE INSTALLED IN EACH CONDUIT FEEDER FROM CT-N DOWN STREAM.

CONDUIT SYMBOLS

- — — — — CONCEALED CONDUIT ABOVE CEILING
- - - - - UNDERGROUND OR UNDERSLAB CONDUIT
- HOMERUN TO PANEL
- ⌒ FLEXIBLE CONDUIT

FIRE ALARM SYMBOLS

- SD SMOKE DETECTOR
- HD HEAT DETECTOR
- FACP FIRE ALARM CONTROL PANEL
FIRE ALARM PANEL
AUDIO VISUAL FIRE ALARM
SPEAKER/HORN W/FLASHING
INDICATING LIGHT
- AR ADDRESSABLE RELAY

ABBREVIATIONS

A, AMP	AMPERE
A/C	AIR CONDITIONER
A.C.	ALTERNATING CURRENT
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
A.W.G.	AMERICAN WIRE GAUGE
ADD.	ADDENDUM
ARCH	ARCHITECTURAL
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AVM	AUTOMATIC VENDING MACHINE
BE	ELECTRONIC BALLAST (RELIABLE POWER) BREAKER
BKR.	BREAKER
BN	ELECTRONIC BALLAST (NORMAL POWER)
BPS	BOLTED PRESSURE SWITCH
BU	ELECTRONIC BALLAST (EMERGENCY)
C	CONDUIT
CA	CUSTOMER ASSISTANCE CALL STATION
CCTV	CLOSE CIRCUIT TELEVISION
CKT.	CIRCUIT
CM	COIN CHARGER MACHINE
COL	COLUMN
COMED	COMMONWEALTH EDISON CO.
CONFIG	CONFIGURATION
CONN	CONNECTION
CT	CURRENT TRANSFORMER
CTA	CHICAGO TRANSIT AUTHORITY
CUH	ELECTRIC CABINET UNIT HEATER
D.C.	DIRECT CURRENT
DCC	DC CONTROLLER
DET.	DETAIL
DIA.	DIAMETER
DN	DOWN
DS	DISCONNECT SWITCH
DTS	MANUAL DBL. THROW SWITCH
DWG.	DRAWING
E.O.	ELECTRICALLY OPERATED
EA.	EACH
EC	END CABINET
EH	ELECTRIC HOT WATER HEATER
ELEC.	ELECTRIC
ELEV.	ELEVATION
EM	EMERGENCY
EQUIP.	EQUIPMENT
ER	EXISTING TO BE REMOVED
REL.	RELIABLE TRANSPORTATION SYSTEM
EWC.	ELECTRIC WATER COOLER
EXIST.	EXISTING
EXP.	EXPOSED
F	FUSE
FACP	FIRE ALARM CONTROL PANEL
FL	FLOOR
FLEX.	FLEXIBLE
FLUOR	FLUORESCENT
FOE	FIBER OPTICS EQUIPMENT
FRE	FIBER REINFORCED EQUIPMENT
FT	FEET, FOOT
G.F.I.	GROUND FAULT INTERRUPTER
GA	GAUGE
GALV.	GALVANIZED
GRD.	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOT WIRE

H.D.G.	HOT DIPPED GALVANIZED
HP	HORSEPOWER, HEATING PANELBOARD
HT	HEIGHT
HTR.	HEATER
I.C.	INTERCOM
I.T.C.	INTERFACE TERMINAL CABINET
J.B.	JUNCTION BOX
KVA	KILOVOLT AMPERES
KW	KILOWATT
LAM.	LAMINATED
LP	LIGHTING PANELBOARD
LTG.	LIGHTING
M	METER
M/A	MOTOR ALTERNATOR SET
M.H.	MOUNTING HEIGHT
MECH.	MECHANICAL
MISC.	MISCELLANEOUS
MT	METER FOR TENANT
MTG.	MOUNTING
MTR.	MOTOR
N	NEUTRAL WIRE
N.C.	NORMALLY CLOSED
N.I.C.	NOT IN CONTRACT
N.O.	NORMALLY OPEN
N.T.S.	NOT TO SCALE
NB	NORTH BOUND
NMDP	NORMAL MAIN DISTRIBUTION PANEL
NO.	NUMBER
P	POLE
P.B.	PULL BOX
PA	PUBLIC ADDRESS SYSTEM
PDP	POWER DISTRIBUTION PANEL
PLTF.	PLATFORM
PNL.	PANEL
PWR	POWER
RCP	ALARM RELAY CONTROL PANEL
RECP.T.	RECEPTACLE
REV.	REVISION
RG	ROTO GATE
RGS	RIGID GALVANIZED STEEL
RLP	RELIABLE LIGHT PANEL
RM.	ROOM
RMDDP	RELIABLE MAIN DISTRIBUTION PANEL
SB	SOUTH BOUND
SF	SUPPLY FAN
SHT.	SHEET
STL.	STEEL
T, TEL	TELEPHONE
TB-E	TERMINAL STRIP
	R-DENOTES RELIABLE POWER
	N-DENOTES NORMAL POWER
	U-DENOTES EMERGENCY POWER
TTC	TELEPHONE TERMINAL CABINET
U.N.O.	UNLESS NOTED OTHERWISE
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
UPS	UNINTERRUPTIBLE POWER SUPPLY SYSTEM
V.	VOLTS
V.A.C.	VOLTS ALTERNATING CURRENT
W.P.	WEATHER PROOF
W/	WITH

POWER SYMBOLS

- CURRENT TRANSFORMER
- CIRCUIT BREAKER RATING AS NOTED (SINGLE POLE UNLESS NOTED OTHERWISE)
- FUSE, UL RATED FOR 30 AMP
- PANELBOARD CONNECTED TO NORMAL POWER
LP=LIGHTING PANEL
HP=HEATING PANEL
RP=REVENUE PANEL
CP=COMMUNICATION PANEL
- PANELBOARD CONNECTED TO EMERGENCY POWER
- 240V. NON-FUSIBLE HORSEPOWER RATED MOTOR DISCONNECT SWITCH, (U.N.O.) SIZE, LETTER AND NUMBER DENOTES SWITCH SIZE. M.H. = 4'-6" A.F.F. U.N.O.
- 240V. FUSIBLE MOTOR DISCONNECT SWITCH, (U.N.O.) SIZE, LETTER AND NUMBER DENOTES SWITCH SIZE. M.H. = 4'-6" A.F.F. U.N.O.
- FEEDER DESIGNATION
SEE SHEET \$E-1 AND \$E-17
- BOLTED PRESSURE SWITCH
- FRONT OF SWITCHGEAR
- CABLE LIMITER
- SILL HEATER
- DOOR CONTACT SWITCH
- ← DEVICE
CIRCUIT NUMBER
LP-1
↑ PANEL

CONTROL SYMBOLS

- RELAY COIL
- CONTACTOR COIL
- NORMALLY OPEN CONTACT OF RELAY OR STARTER
- NORMALLY CLOSED CONTACT OF RELAY OR STARTER
- OVERLOAD RELAY CONTACT
- THERMAL OVERLOAD RELAY
- CONTROL CKT. FUSE
- PUSH BUTTON NORMALLY CLOSED MOMENTARY CONTACT
- PUSH BUTTON NORMALLY OPEN MOMENTARY CONTACT
- TWO POSITION SELECTOR SWITCH SHOWN IN POSITION 2
X INDICATES POSITION WHERE CONTACT IS CLOSED
- TIMED CONTACT NORMALLY OPEN TIMED OPEN
TDO
- TIMED CONTACT NORMALLY CLOSED TIMED CLOSED
TDC
- THERMAL LIMIT CONTROL OR THERMOSTAT SWITCH
- PILOT LIGHT INDICATING THE STATE OF A CIRCUIT
- PILOT LIGHT WITH PUSH TO TEST BUTTON

MECHANICAL SYMBOLS

- IH-1 INFRARED HEATER 3200W, 208V, 1P, 3W
AITKEN #SQH326A STAINLESS STEEL 60 DEGREE ASYM REFLECTOR
- IH-2 INFRARED HEATER 3200W, 208V, 1P, 3W
AITKEN #SQ326 STAINLESS STEEL 30 DEGREE SYM REFLECTOR
- DO ADA DOOR OPERATOR
- EF-# EXHAUST FAN WITH INTEGRAL DISCONNECT SWITCH
- H-# ELECTRIC WALL HEATER WITH INTEGRAL DISCONNECT SWITCH
- SP SUMP PUMP

WIRING DEVICE SYMBOLS

- | STRUCTURE | WALL | CEILING | |
|-----------|-----------|---------|---|
| | \$0 | | SINGLE POLE TOGGLE SWITCH, LOWER CASE LETTER DENOTES OUTLETS CONTROLLED |
| | \$D,K,P,T | | TOGGLE SWITCH: "D" INDICATES DOOR OPERATED, "K" KEY OPERATED, "P" WITH PILOT LIGHT, "T" WITH THERMAL OVERLOAD ELEMENT |
| | \$2 | | TWO POLE TOGGLE SWITCH |
| | \$3 | | THREE-WAY TOGGLE SWITCH |
| | PB | PB-H | SPLICE BOX, JUNCTION BOX OR PULL BOX WITH BLANK COVER, MINIMUM SIZE AS REQUIRED BY CITY OF CHICAGO CODE (EXPOSED) |
| | JB | JB-H | DUPLEX FLUSH RECEPTACLE, 20A., 125V., 3W GROUNDING TYPE |
| | GFI | | GROUND FAULT INTERCEPTOR DUPLEX FLUSH RECEPTACLE 20A, 125V, 3W GROUNDING TYPE |
| | PB | | PUSHBUTTON |
| | HP | | START-STOP PUSHBUTTON |

LIGHTING SYMBOLS

- EXIT SIGN LIGHTING FIXTURE ON EMERGENCY CIRCUIT
- LED FIXTURE ON NORMAL CIRCUIT
- LED FIXTURE ON EMERGENCY CIRCUIT
- INCANDESCENT LIGHTING FIXTURE TYPE "B", ON ON CIRCUIT NO. 1 CONTROLLED BY SWITCH "a"
- NOMENCLATURE:
CIRCUIT NUMBER
PANEL
FIXTURE TYPE
- PHOTOCCELL



USER NAME = habib	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE = 2:0' = 1" / in.	DRAWN -	REVISED -
PLOT DATE = 10/28/2013	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
ELECTRICAL SYMBOLS, ABBREVIATIONS AND NOTES

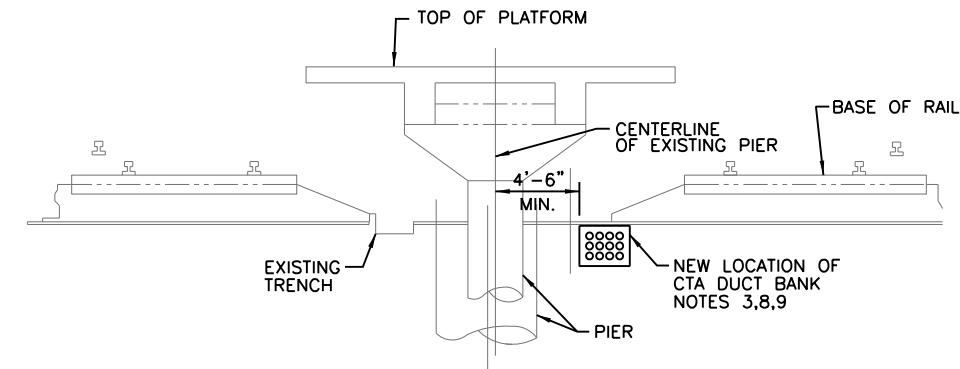
SHEET NO.78 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

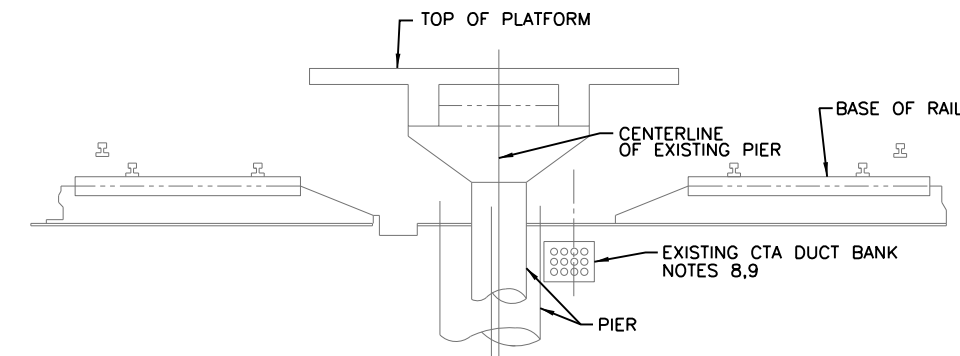
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	269
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

NOTES:

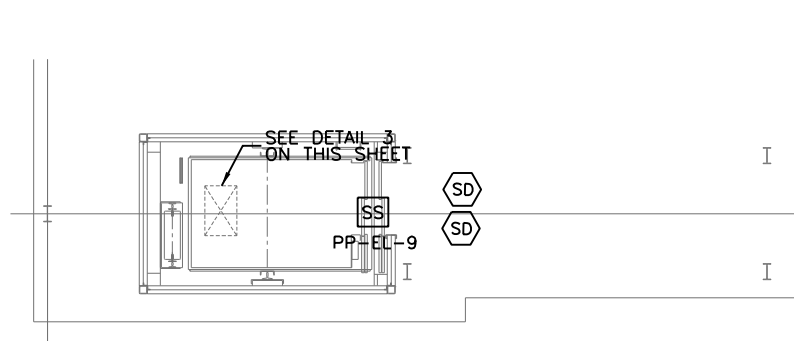
1. REPLACE THREE EXISTING WINDBREAK INFRARED HEATERS. CONNECT TO NEW HEATER PANEL HP-1. SEE SHEET 287 FOR CONTROL DIAGRAM.
2. SECTION OF EXISTING DUCTBANK TO BE RELOCATED.
3. SECTION OF NEW DUCTBANK TO MATCH EXISTING.
4. INTERCEPT EXISTING DUCTBANK AND REPLACE SECTION AS SHOWN AFTER INSTALLATION AND TESTING OF TEMPORARY CABLING.
5. TOTAL OF 6 (IH-1) INFRARED HEATERS FOR WINDBREAK.
6. AIR CONDITIONING UNIT AC-1. FED FROM PANEL PP-EL-21,23.
7. WALL HEATER H-3. FED FROM PANEL PP-EL-17,19.
8. PROVIDE NEW COMMUNICATION, DC RETURN AND FO CABLES.
9. CONTRACTOR TO RE-ROUTE DUCTBANK AS SHOWN COORDINATE WORK WITH CTA.
10. PROVIDE TEMPORARY CTA CABLES ROUTED ALONG PLATFORM FROM NEAREST MANHOLE AT PEORIA ST. TO NEXT MANHOLE TOWARDS MORGAN ST. CTA STATION.
11. FLOAT SWITCH TO BE POWERED BY EM-14 AND CONNECTED TO RELAY PANEL IN ELECTRICAL ROOM.
12. SUMP PUMP. PROVIDE LOCAL DISCONNECT SWITCH AND CONNECT TO CIRCUIT EM-12.



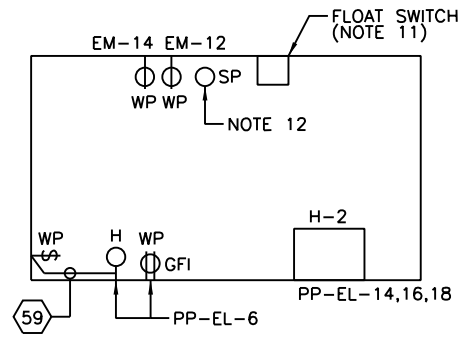
A-A SECTION A-A
SCALE: NTS



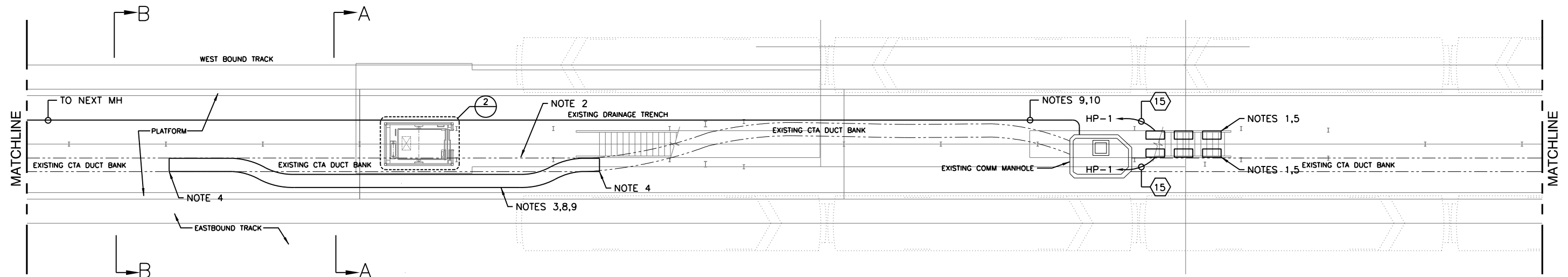
B-B SECTION B-B
SCALE: NTS



2 ENLARGED PLATFORM PLAN
SCALE: 1/4" = 1'-0"



3 ELEVATOR PIT LEVEL ELECTRICAL PLAN
SCALE: NTS



1 PLATFORM PLAN
SCALE: 1/8" = 1'-0"

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PLOT SCALE = 16x0 1/4" / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

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DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL PLATFORM LEVEL POWER PLAN**

SHEET NO. 79 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

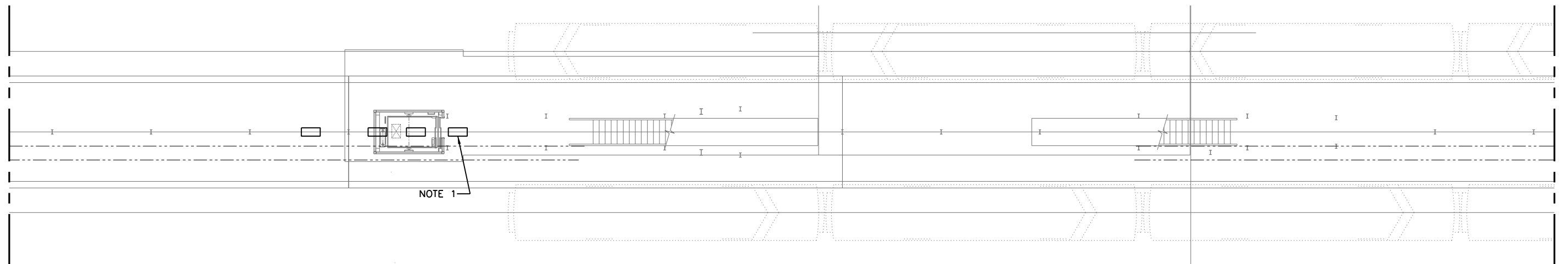
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	270
CONTRACT NO. 60W29				

ILLINOIS FED. AID PROJECT

8:41:15 PM 270-60W29.dgn

NOTES:

1. EXISTING LIGHTING FIXTURES MOUNTED DOWN CENTER OF CANOPY TO BE REMOVED WITHIN NEW ELEVATOR ENCROACHMENT. PROVIDE NEW CONDUIT AND CABLE TO MAINTAIN EXISTING LIGHTING.



1 PLATFORM PLAN
SCALE: 1/8" = 1'-0"



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PLOT SCALE = 16:0 1/4" / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

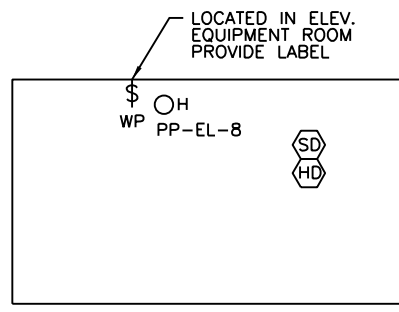
PEORIA STREET STATION
ELECTRICAL PLATFORM LEVEL POWER PLAN

SHEET NO. 80 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	271
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

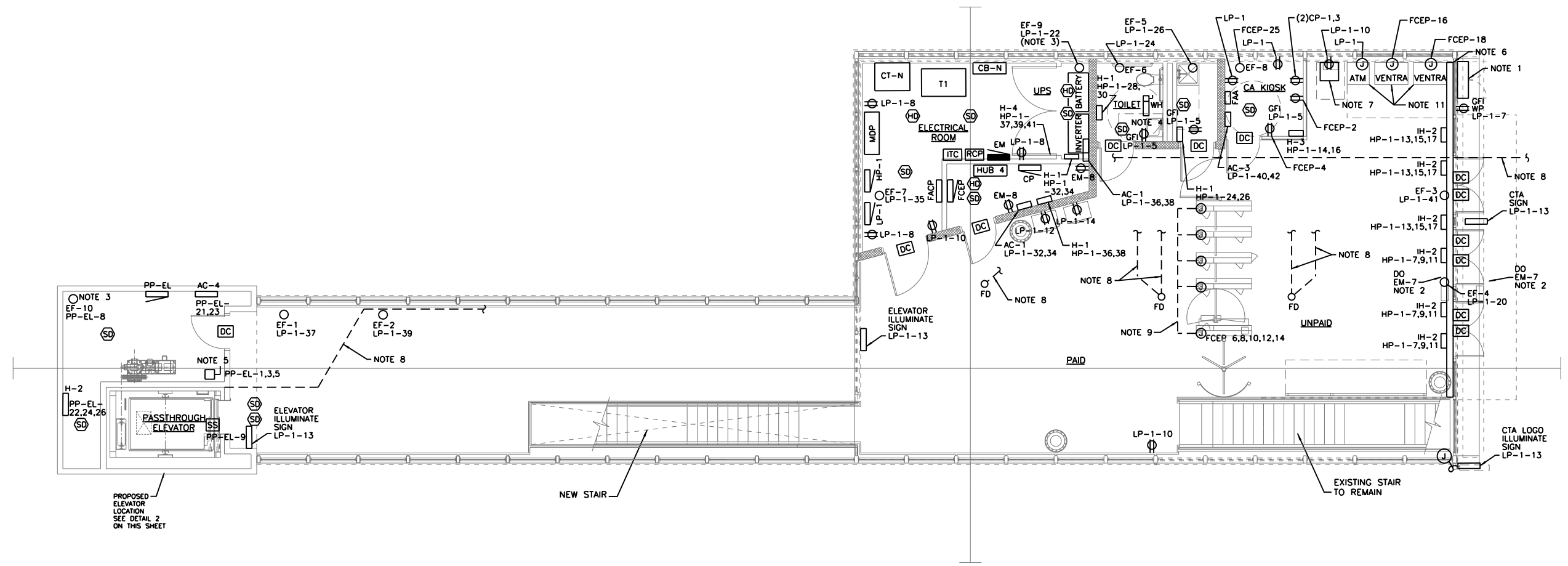
8/3/21 PM 271-60W29.dgn



2 ELEVATOR ROOF LEVEL ELECTRICAL PLAN
SCALE: NTS

NOTES:

- GENERATOR TAP BOX, SEE SHEET 290 FOR DETAILS.
- ADA DOOR OPERATOR.
- EXHAUST FAN MOUNTED AT TOP OF ELEVATOR SHAFT.
- FURNISH AND INSTALL 60A, 2P, 250V NONFUSED DISCONNECT ROUTED TO PANEL HP-1 CIRCUITS 19,21 WITH 2#6AWG AND 1#8AWG, 1" C GR.
- FURNISH AND INSTALL 100A, 3P, 250V NEMA 4X NONFUSED DISCONNECT SWITCH FOR LOCAL DISCONNECT FOR ELEVATOR MACHINE AT ROOF LEVEL OF ELEVATOR SHAFT.
- CONTINUOUS DIVIDED WIREWAY MOUNTED ON EXISTING STRUCTURAL TUBING ABOVE DOOR PAINTED TO MATCH EXISTING STRUCTURE.
- COMED METER IN CABINET. PROVIDE 1" CONDUIT DOWN THROUGH FLOOR TO ELECTRICAL ROOM TO CT-N.
- PROVIDE HEAT TRACE, POWER, AND CONTROLS FOR ALL PLUMBING PIPING (SUMP PUMP, WATER, SANITARY, AND VENT); REFER TO SHEET 265 FOR EXACT LOCATIONS ROUTING OF PIPING. MAXIMUM LENGTH OF HEAT TRACE PER CIRCUIT TO BE 200 LF. SEE SHEET 277 FOR CIRCUITING.
- PROVIDE 2-2" CONDUITS BETWEEN EACH TURNSTYLE AND END CABINET THAT ARE TO BE ROUTED BELOW THE FLOOR. PROVIDE 2-3/4" CONDUITS BACK TO KIOSK. PROVIDE 2-1" CONDUITS BACK TO COMM ROOM.
- ALL CONDUITS TO BE ROUTED BELOW FLOOR SLAB.
- PROVIDE 1" CONDUIT FROM EACH VENTRA AND ATM TO COMM ROOM.



1 ELECTRICAL POWER PLAN
SCALE: 3/16" = 1'-0"



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	CHECKED -	REVISED
PLOT SCALE = 10:8 1/4" / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

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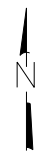
**PEORIA STREET STATION
ELECTRICAL STATION HOUSE POWER PLAN**

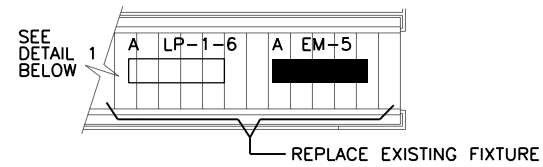
SHEET NO. 81 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

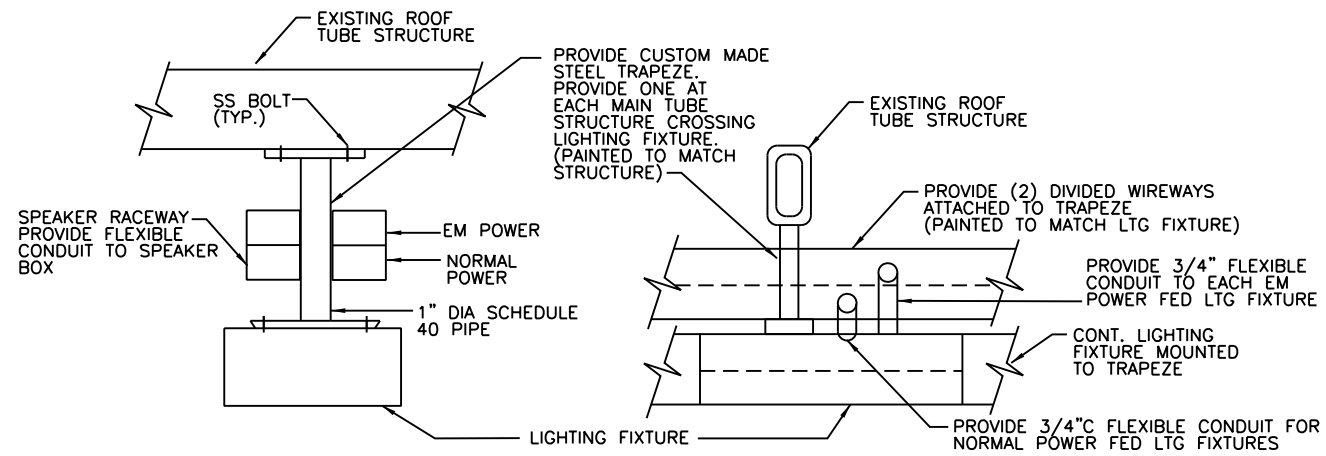
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	272
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	

9/18/12 PM 272-60W29.dgn





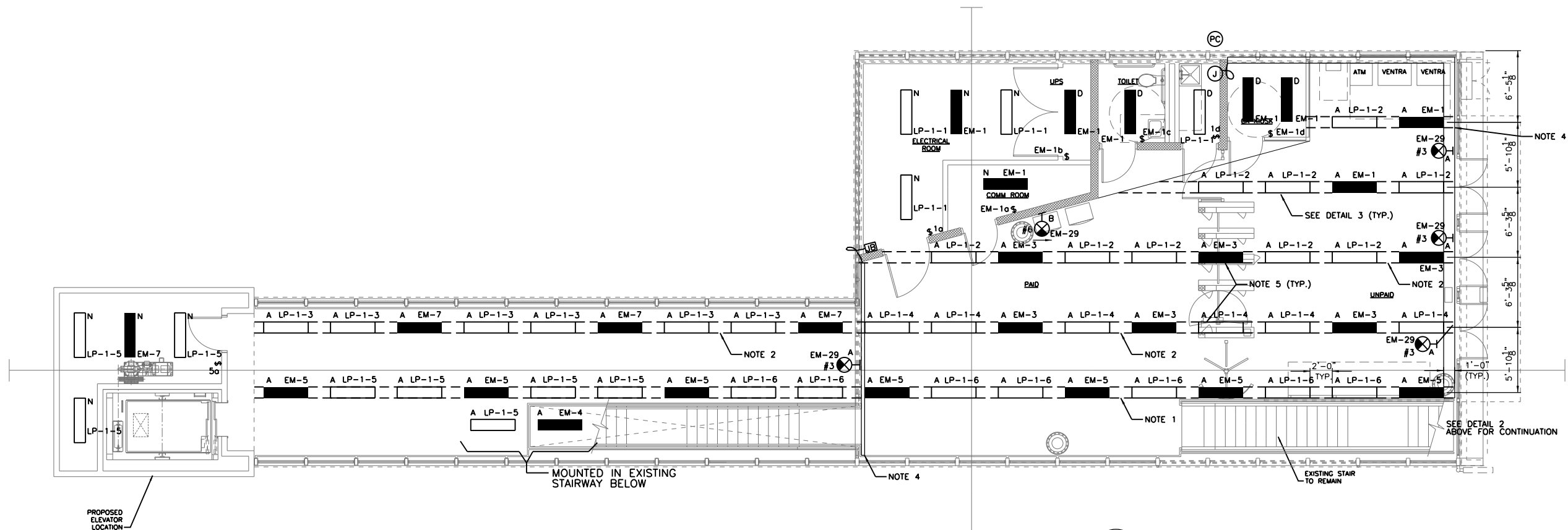
2 PARTIAL STAIRWAY LIGHTING PLAN
SCALE: 3/16" = 1'-0"



3 LIGHTING FIXTURE MOUNTING DETAIL
SCALE: NTS

NOTES:

1. DASHED LINES REPRESENT SS METAL FILLER BETWEEN LIGHTING FIXTURES. FILLER TO HAVE SAME WIDTH AND HEIGHT AS ADJACENT LIGHT FIXTURE TO FORM A CONTINUOUS ROW OF LIGHTING.
2. PROVIDE PERFORATIONS FOR PA SYSTEM SPEAKER AND PRE-DRILL HOLES FOR MOUNTING SPEAKER BOX. COORDINATE WORK WITH SPEAKER MANUFACTURER.
3. SEE SHEET 278 FOR LIGHT FIXTURE SCHEDULE.
4. CONTINUOUS DIVIDED WIREWAY MOUNTED ON EXISTING STRUCTURAL TUBING ABOVE POURWAY.
5. ROUTE ALL LIGHTING, SPEAKER, CCTV AND SIGN CONDUIT AND CABLE HOME RUNS CONCEALED ABOVE CEILING. REFER TO ARCHITECTURAL PLANS FOR CEILING LAYOUT.



1 ELECTRICAL LIGHTING PLAN
SCALE: 3/16" = 1'-0"

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PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL STATION HOUSE LIGHTING PLAN**

SHEET NO. 82 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

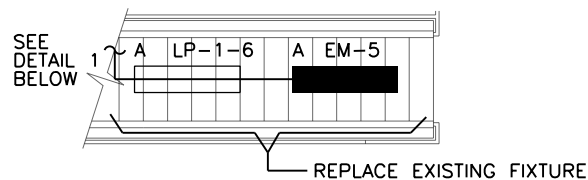
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	273
CONTRACT NO. 60W29				

ILLINOIS FED. AID PROJECT

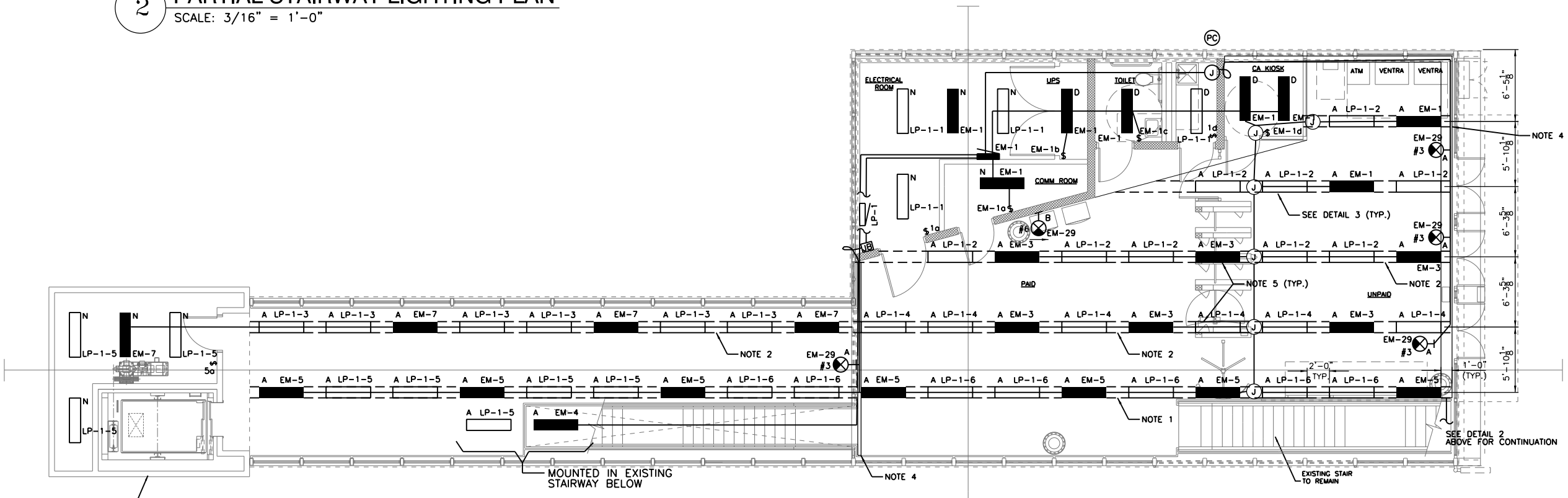
9/19/14 PM 273-60W29.dgn

NOTES:

1. DASHED LINES REPRESENT SS METAL FILLER BETWEEN LIGHTING FIXTURES. FILLER TO HAVE SAME WIDTH AND HEIGHT AS ADJACENT LIGHT FIXTURE TO FORM A CONTINUOUS ROW OF LIGHTING.
2. PROVIDE PERFORATIONS FOR PA SYSTEM SPEAKER AND PRE-DRILL HOLES FOR MOUNTING SPEAKER BOX. COORDINATE WORK WITH SPEAKER MANUFACTURER.
3. SEE SHEET 278 FOR LIGHT FIXTURE SCHEDULE.
4. CONTINUOUS DIVIDED WIREWAY MOUNTED ON EXISTING STRUCTURAL TUBING ABOVE POURWAY.
5. ROUTE ALL LIGHTING, SPEAKER, CCTV AND SIGN CONDUIT AND CABLE HOME RUNS CONCEALED ABOVE CEILING. REFER TO ARCHITECTURAL PLANS FOR CEILING LAYOUT.



2 PARTIAL STAIRWAY LIGHTING PLAN
SCALE: 3/16" = 1'-0"



1 ELECTRICAL LIGHTING PLAN
SCALE: 3/16" = 1'-0"

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PLOT DATE = 10/28/2013	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
ELECTRICAL STATION HOUSE EMERGENCY PLAN

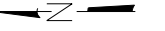
SHEET NO. 83 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

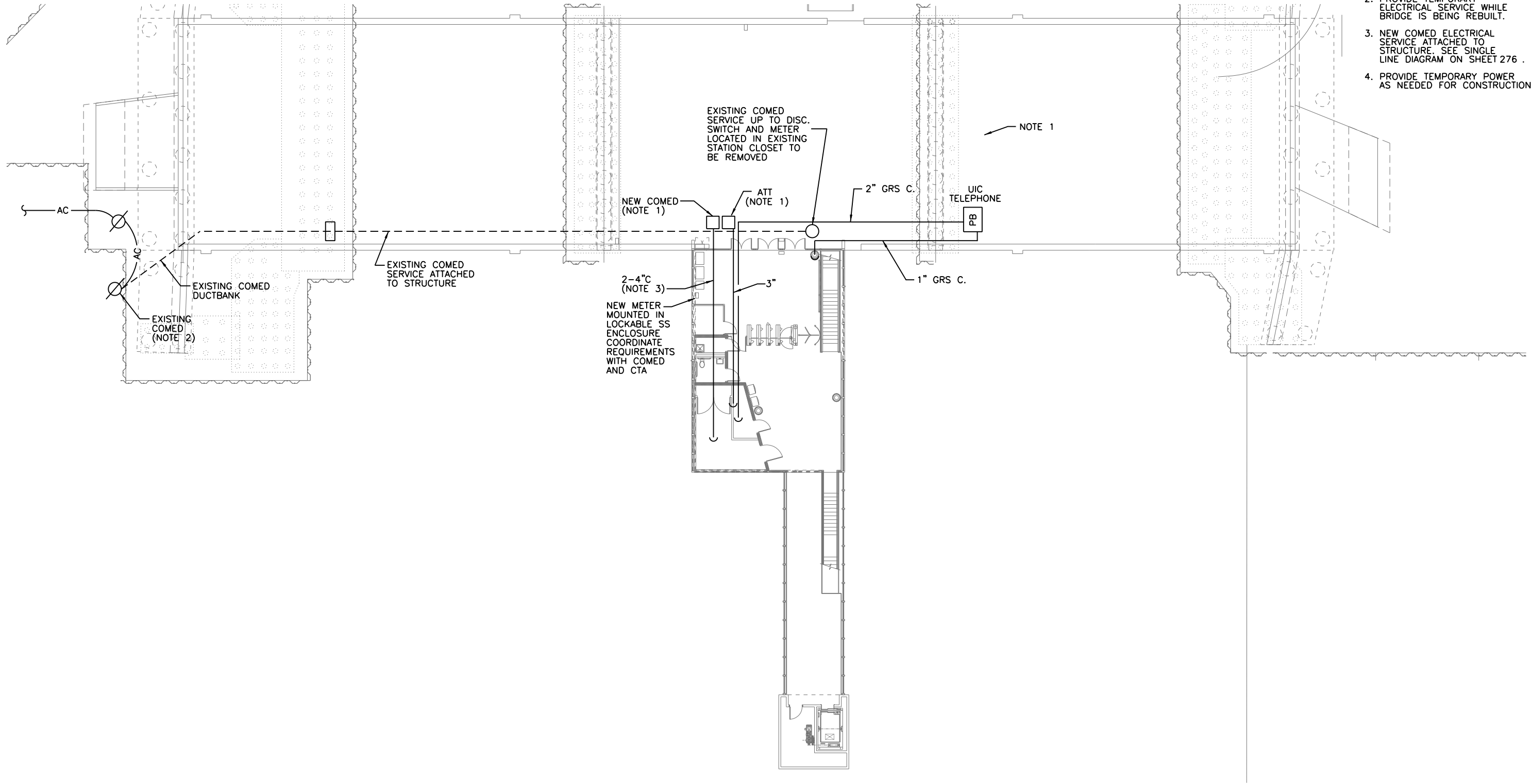
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	274
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	

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NOTES:



1. REFER TO BRIDGE PLANS FOR NEW CONDUIT LOCATIONS AND ROUTING ON BRIDGE TO SOURCE.
2. PROVIDE TEMPORARY ELECTRICAL SERVICE WHILE BRIDGE IS BEING REBUILT.
3. NEW COMED ELECTRICAL SERVICE ATTACHED TO STRUCTURE. SEE SINGLE LINE DIAGRAM ON SHEET 276 .
4. PROVIDE TEMPORARY POWER AS NEEDED FOR CONSTRUCTION.



1 ELECTRICAL BRIDGE PLAN
SCALE: 1" = 1'-0"

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PLOT SCALE = 24:0 '1" / 1in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL BRIDGE DEMOLITION PLAN**

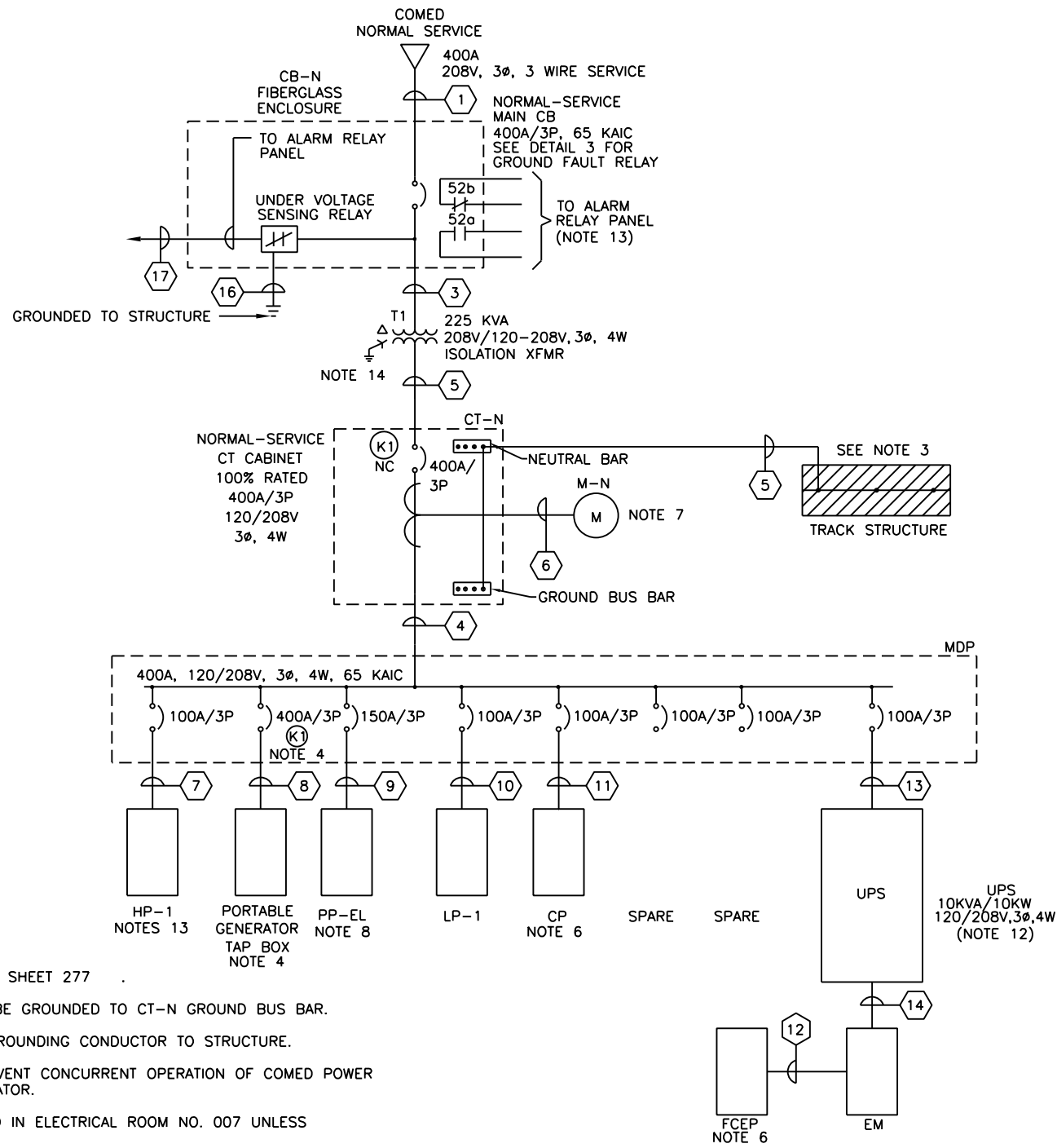
SHEET NO. 84 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	275
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

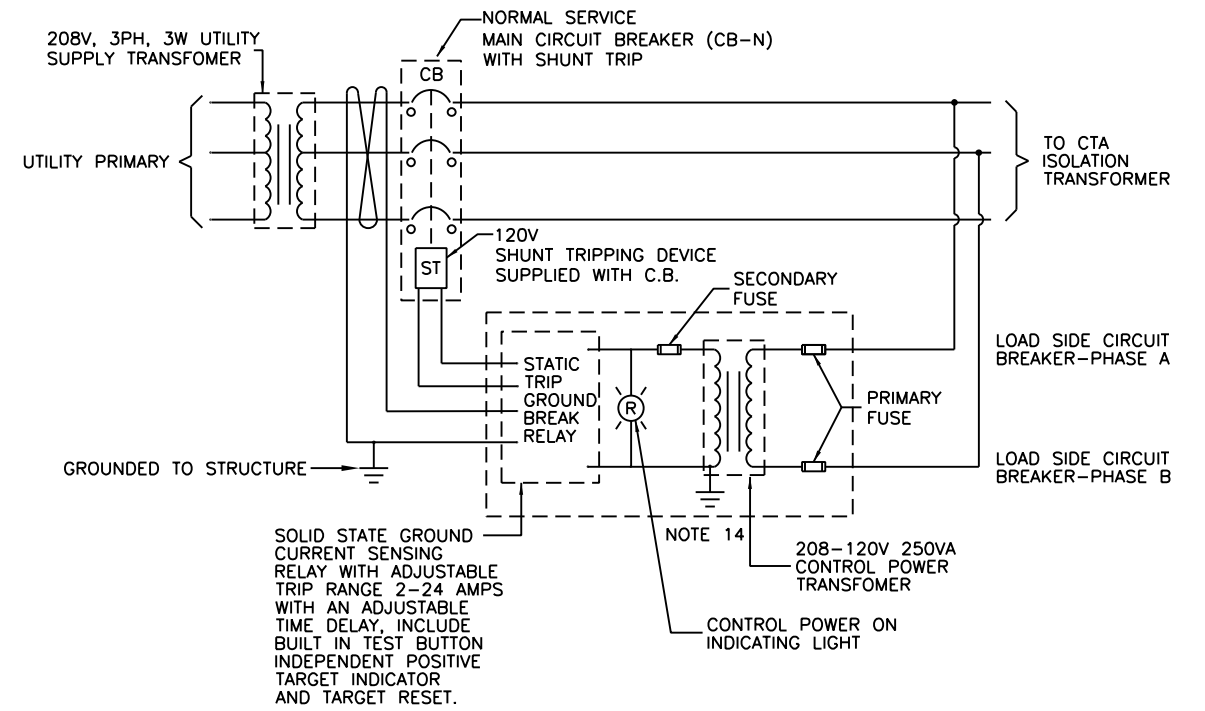
7:58:22 PM 2/75-60W29.dgn



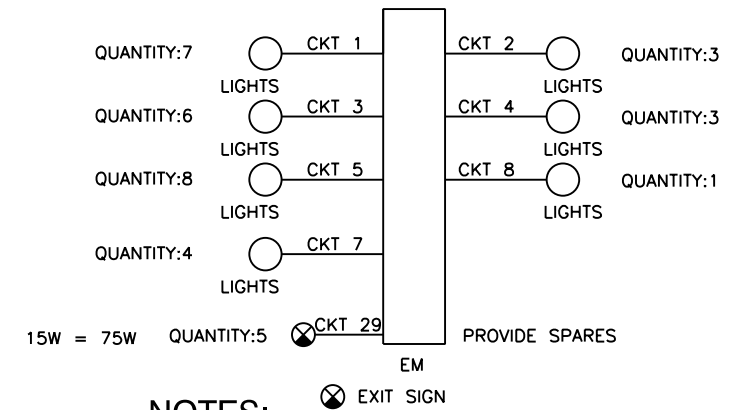
NOTES:

1. SEE PANEL SCHEDULES ON SHEET 277
2. FIRE ALARM PANEL IS TO BE GROUNDED TO CT-N GROUND BUS BAR.
3. EXOTHERMIC CONNECTED GROUNDING CONDUCTOR TO STRUCTURE.
4. KEY INTERLOCKING TO PREVENT CONCURRENT OPERATION OF COMED POWER AND CTA PORTABLE GENERATOR.
5. ALL EQUIPMENT IS LOCATED IN ELECTRICAL ROOM NO. 007 UNLESS OTHERWISE NOTED.
6. LOCATED IN COMM ROOM NO. 006.
7. LOCATED IN UNPAID AREA.
8. LOCATED IN ELEVATOR MACH ROOM.
9. SEE SHEETS 279 AND 280 FOR CONDUIT/CABLE SCHEDULE.
10. CT-N, MDP, LP-1, HP-1, AND T1 TO BE INSTALLED ON A 4" CONCRETE PAD WITH A 4" LIP. SEE SPECIFICATIONS.
11. ALL PANEL BOARDS ARE TO HAVE A MINIMUM RATING OF 65KAIC. SERIES RATED BREAKERS ARE NOT ALLOWED.
12. LOCATED IN UPS ROOM NO. 007A.
13. CONTINUED ON SHEET 282 .
14. TRANSFORMER GROUND TO BE CONNECTED TO STRUCTURE.

1 ELECTRICAL SINGLE LINE
SCALE NTS



3 GROUND FAULT RELAY
SCALE NTS



NOTES:

- A. EXIT SIGNS ARE FED USING 2-#10 AWG THHN/THWN COPPER CABLE.
- B. ONLY WIRE SERVING EMERGENCY LIGHTING MUST BE INSTALLED IN CONDUIT AND JUNCTION BOXES SERVING THE BATTERY UNITS.
- C. WIRE SERVING EXIT SIGNS ARE NOT TO BE IN CONDUIT WITH NORMAL POWER OR LIGHTING.
- D. CONTRACTOR IS TO INSTALL A 4 HOUR BATTERY BACK UP LIGHT FOR EACH ELEVATOR.
- E. SEE SHEET 277 FOR EM COMPLETE PANEL SCHEDULE

2 EMERGENCY LIGHTING SINGLE LINE
SCALE NTS



USER NAME = habib	DESIGNED -	REVISED
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PLOT SCALE = 1/92.0004 / in.	DRAWN -	REVISED
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PEORIA STREET STATION
ELECTRICAL SINGLE LINE DIAGRAM

SHEET NO. 85 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	276
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

9/20/14 PM 2:16:50 MW29.dgn

PANEL: CP VOLTAGE: 120/208V, 3P, 4W				MAIN MOUNTING SURFACE BUS 100A									
CIRCUIT USE	BREAKERS		LOAD (VA)			CKT#	LOAD (VA)			BREAKERS		CIRCUIT USE	
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE		
RM RECEP	20	1	360			1	2				30	2	SPARE
RM RECEP	20	1		360		3	4						
AUDIO/VISUAL CONS (KIOSK)	20	1			1200	5	6				30	2	SPARE
MONITOR, CPU (KIOSK)	20	1	1200			7	8						
SPARE	20	1				9	10				20	1	SPARE
SPARE	20	1				11	12				20	1	SPARE
RM LTG	20	1	120			13	14				20	1	SPARE
SPARE	20	1				15	16				20	1	SPARE
SPARE	20	1				17	18				20	1	SPARE
SPARE	20	1				19	20				20	1	SPARE
SPARE	20	1				21	22				20	1	SPARE
SPARE	20	1				23	24				20	1	SPARE
SPARE	20	1				25	26				20	1	SPARE
SPARE	20	1				27	28				20	1	SPARE
SPARE	20	1				29	30				20	1	SPARE
SPARE	20	1				31	32				20	1	SPARE
SPARE	20	1				33	34				20	1	SPARE
SPARE	20	1				35	36				20	1	SPARE
SPARE	20	1				37	38	660			20	1	EF-5, DAMPERS
SPARE	20	1				39	40		2185		35	2	AC-1
SPARE	20	1				41	42			2185			
TOTALS			1680	360	1200			660	2185	2185			
PHASE A:			2,340 VA										
PHASE B:			2,545 VA										
PHASE C:			3,385 VA										
TOTAL CONNECTED VA			8,270 VA										
AMPS			23 A CONNECTED										
1.25XAMPS			29 A										

- LOCKABLE BREAKER
- GFCI PROTECTION ARTICLE 680 OF CEC
- BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE
- GFCI RECEPTACLE

PANEL: LP-1 VOLTAGE: 120/208V, 3P, 4W				MAIN MOUNTING SURFACE BUS 100A									
CIRCUIT USE	BREAKERS		LOAD (VA)			CKT#	LOAD (VA)			BREAKERS		CIRCUIT USE	
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE		
ELEC, TOILET JAN CLR RM LTG	20	1	350			1	2				20	1	STATION LIGHTING
WEST STAIR LIGHTING	20	1		210		3	4			630			STATION LIGHTING
TOILET AND JAN CL. OUTLET	20	1			360	5	6				280		STATION LIGHTING
OUTDOOR OUTLET	20	1	180			7	8			540			ELECTRICAL ROOM OUTLETS
OUTDOOR LIGHTING	20	1				9	10				540		STATION OUTLETS
EAST STAIR LIGHTING	20	1			210	11	12				1200		VENING
ELEV/CTA SKU	20	1	900			13	14			1200			VENING
DAS	20	1		1200		15	16				540		KIOSK RECEP
SPARE	20	1				17	18					CCO	KIOSK, EF-5, DAMPERS
SPARE	20	1				19	20			4150			STATION EXHAUST FAN EF-4
SPARE	20	1				21	22				4150		UPS ROOM EXHAUST FAN EF-9
SPARE	20	1				23	24						TOILET ROOM EXHAUST FAN EF-8
SPARE	20	1				25	26						JANITORS CLOSET EXHAUST FAN EF-5
SPARE	20	1				27	28			2810			CONDENSER CU-1
SPARE	20	1				29	30				2810		
SPARE	20	1				31	32			120			COMMUNICATION ROOM AC-1
SPARE	20	1				33	34				120		
ELEC, RM EXHAUST FAN EF-7	20	1			900	35	36						
STATION EXHAUST FAN EF-1	20	1	1200			37	38			120			UPS ROOM AC-2
STATION EXHAUST FAN EF-2	20	1		1200		39	40				120		KIOSK AC-2
STATION EXHAUST FAN EF-5	20	1			1200	41	42				120		
TOTALS			2830	2810	2670			6760	8910	5180			
PHASE A:			9,390 VA										
PHASE B:			11,520 VA										
PHASE C:			7,850 VA										
TOTAL CONNECTED VA			28,760 VA										
AMPS			80 A CONNECTED										
1.25XAMPS			100 A										

- LOCKABLE BREAKER
- GFCI PROTECTION ARTICLE 680 OF CEC
- BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE
- GFCI RECEPTACLE

PANEL: EM VOLTAGE: 120/208V, 3P, 4W				MAIN MOUNTING SURFACE BUS 100A												
CIRCUIT USE	FUSES		LOAD (VA)			CKT#	LOAD (VA)			FUSES		CIRCUIT USE				
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE					
KIOSK LIGHTING	20	1	140			1	2	210			20	1	ELEC, COMM & UPS ROOM LIGHTING			
STATION LIGHTING	20	1		560		3	4		210			20	1	WEST STAIRS LIGHTING		
STATION LIGHTING	20	1			490	5	6			140			20	1	EAST STAIRS LIGHTING	
DOOR OPERATOR - DO	20	1	200			7	8	240						20	1	COMM & UPS ROOM RECEPTACLE
SPARE	20	1				9	10		750					20	1	ELEVATOR EQUIPMENT ROOM LIGHTING
SPARE	20	1				11	12			900				20	1	ELEVATOR SUMP PUMP
SPARE	20	1				13	14	400						20	1	ELEVATOR PIT ALARM
UPS ROOM RECEP	20	1			200	15	16		560					20	1	ATM
FIRE ALARM PANEL	20	1			1500	17	18							20	1	SPARE
SPARE	20	1				19	20	450						20	1	SPARE
SPARE	20	1				21	22		450					20	1	SPARE
SPARE	20	1				23	24			600				20	1	SPARE
SPARE	20	1				25	26	6890						20	1	PANEL FCEP
SPARE	20	1				27	28		5090					20	1	
STATION HOUSE EXIT SIGN	20	1			60	29	30			4290				20	1	
TOTALS			340	780	2050			8190	7080	5930						
PHASE A:			8,530 VA													
PHASE B:			7,820 VA													
PHASE C:			7,980 VA													
TOTAL CONNECTED VA			24,330 VA													
AMPS			68 A CONNECTED													
1.25XAMPS			84 A													

- ALL BREAKERS TO BE OF LOCKABLE TYPE
- CONNECTED TO LIGHTING CONTACTOR, CONTROLLED BY PHOTOCELL
- ALL BREAKERS TO COMPLY WITH CEC FOR EM PANELS

PANEL: FCEP VOLTAGE: 120/208V, 3P, 4W				MAIN MOUNTING SURFACE BUS 100A												
CIRCUIT USE	BREAKERS		LOAD (VA)			CKT#	LOAD (VA)			BREAKERS		CIRCUIT USE				
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE					
RCP	15	1	250			1	2			360			20	1	KIOSK RECEP	
SPARE	20	1				3	4				360			20	1	KIOSK RECEP
SPARE	20	1				5	6					500		20	1	TURNSYLE END CABINET
SPARE	20	1				7	8			500				20	1	TURNSYLE END CABINET
SPARE	20	1				9	10				500			20	1	TURNSYLE END CABINET
SPARE	20	1				11	12					500		20	1	TURNSYLE END CABINET
SPARE	20	1				13	14			500				20	1	TURNSYLE END CABINET
SPARE	20	1				15	16				1200			20	1	VENTRA
SPARE	20	1				17	18					1200		20	1	VENTRA
SPARE	20	1				19	20							20	1	SPARE
SPARE	20	1				21	22							20	1	SPARE
SPARE	20	1				23	24							20	1	SPARE
SPARE	20	1				25	26			100				20	1	KIOSK EXHAUST FAN E-8
SPARE	20	1				27	28							20	1	SPARE
SPARE	20	1				29	30							20	1	SPARE
SPARE	20	1				31	32							20	1	SPARE
SPARE	20	1				33	34							20	1	SPARE
SPARE	20	1				35	36							20	1	SPARE
SPARE	20	1				37	38							20	1	SPARE
SIC/PIU/CA- KIOSK	20	1			500	39	40							20	1	SPARE
SPARE	20	1				41	42							20	1	SPARE
TOTALS			250	500	0			1460	2060	2200						
PHASE A:			1,710 VA													
PHASE B:			2,660 VA													
PHASE C:			2,200 VA													
TOTAL CONNECTED VA			6,470 VA													
AMPS			18 A CONNECTED													
1.25XAMPS			22 A													

- LOCKABLE BREAKER
- GFCI PROTECTION ARTICLE 680 OF CEC
- BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE
- GFCI RECEPTACLE

PANEL: HP-1 VOLTAGE: 120/208V, 3P, 4W				MAIN MOUNTING SURFACE BUS 100A										
CIRCUIT USE	BREAKERS		LOAD (VA)			CKT#	LOAD (VA)			BREAKERS		CIRCUIT USE		
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE			
PLATFORM HEATER	40	3	3200			1	2	3200			40	3	PLATFORM HEATER	
				3200		3	4		3200					
					3200	5	6			3200				
STATION ENTRY HEATERS	40	3	3200			7	8	1600			20	1	HEAT TRACE #1	
				3200		9	10		1600			20	1	HEAT TRACE #2
					3200	11	12			1600		20	1	HEAT TRACE #3
STATION ENTRY HEATERS	40	3	3200			13	14	1500			20	2	KIOSK HEATER H-3	
				3200		15	16		1500					
					3200	17	18				20	1	SPARE	
WATER HEATER WH	50	2	4150			19	20				20	1	SPARE	
				4150		21	22				20	1	SPARE	
HEAT TRACE #4	20	1			1600	23	24			1500		20	2	JANITORS CLOSET HEATER H-1
HEAT TRACE #5	20	1	1600			25	26	1500						
HEAT TRACE #6	20	1		1600		27	28		1500			20	2	TOILET ROOM HEATER H-1
HEAT TRACE #7	20	1			1600	29	30			1500				
SPARE	20	1				31	32	1500				20	2	UPS ROOM HEATER H-1
SPARE	20	1				33								

NOTES:

1. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. INPUT WATTAGE OF FIXTURE IS 59W, FURNISH -20°F BALLAST WITH FIXTURE.

LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	MANUFACTURER & CATALOG NUMBER	NUMBER OF LAMPS	LAMP TYPE & WATTAGE	VOLTAGE	MOUNTING	MOUNTING HEIGHT	NOTES
A		18 GAUGE # 304 STAINLESS STEEL, ONE PIECE CONSTRUCTION WITH CORNER SEAM WELDED AND GROUND SMOOTH, NO.4 FINISH	KENALL: CTA-99-308-FUSE LED (50L40K) TYPE B-LED OR APPROVED EQUAL	(4) 12-LED BOARDS, 5000K 70-CRI	LED 70W	120 V	SURFACE	SEE ARCH. DWGS	1
B		18 GAUGE TYPE 304 STAINLESS STEEL BRUSHED(STD), .050" ALUMINUM, SEAM WELDED CONSTRUCTION. EXTERNAL EXTRUDED ALUMINUM HEAT SINK.	KENALL: TDL6VL230L40KDVSBRGFS OR APPROVED EQUAL	LED ARRAY	LED 30W	120 V	RECESSED	SEE ARCH. DWGS	1
C		18 GAUGE TYPE 304, NO.4 FINISH DIE FORMED, SEAM WELDED AND GROUND SMOOTH.	KENALL: CTA TYPE C-LED, CTA-99-301-FUSED 50L40K-LED OR APPROVED EQUAL	(4) 12-LED BOARDS, 5000K 70-CRI	LED 70W	120 V	SURFACE CORNER MT.	SEE ARCH. DWGS	1
D		ONE PIECE SEAM WELDED 16-GAUGE TYPE 304 STAINLESS STEEL CONSTRUCTION	KENALL: TES848250L40KDVS5HCP OR APPROVED EQUAL	LED ARRAY	LED 70W	120 V	SURFACE/PENDANT	SEE ARCH. DWGS	1
D1		ONE PIECE 20-GAUGE #304 STAINLESS STEEL BASE WITH WELDED ENDS AND SPOTWELDED STAINLESS STEEL PIANO HINGE, FINISH IS A # 4 BRUSH. LENS IS POSITIONED IN HOUSING CHANNELS AND RETAINED WITH STAINLESS STEEL FASTENERS	KENALL: CDOT-99-366-LED 50L40K TYPE CX-LED OR APPROVED EQUAL	(4) 12-LED BOARDS, 5000K 70-CRI	LED 70W	120 V	SURFACE CORNER MT.	SEE ARCH. DWGS	1
E		18 GAUGE # 304 STAINLESS STEEL, DIE FORMED AND SEAM WELDED	KENALL: CTA TYPE E, CAT # CTA-99-300 FUSE OR APPROVED EQUAL	LED ARRAY	LED 70W	120 V	SURFACE	SEE ARCH. DWGS	1
F		ONE-PIECE SEAM WELDED .063" 3003 ALUMINUM ALLOY CONSTRUCTION .156" PRISMATIC C73 TEMPERED GLASS LENS.	KENALL: DLD1220-108L50K-DCC-DV-FS OR APPROVED EQUAL	LED ARRAY	LED 108W	120 V	SURFACE	SEE ARCH. DWGS	1
H		CAST ALUMINUM HOUSING WITH CORROSION RESISTANT PAINT IN AN INDUSTRIAL GREY FINISH, VAPOR TIGHT.	LITHONIA: OLVTWM OR APPROVED EQUAL	LED ARRAY	LED 70W	120 V	WALL	SEE ARCH. DWGS	1
M		LED WALL MOUNT LIGHT WITH PHOTOCCELL CONTROL, WIREGUARD, FUSE, DIE CAST ALUMINUM HOUSING, POLYCARBONATE LENS.	LITHONIA: TWP-LED-30C-50K-T3M-120-PE-SF-WG OR APPROVED EQUAL	LED ARRAY	LED 67W	120 V	SURFACE	SEE ARCH. DWGS	1
N		INDUSTRIAL STRIP LIGHT FIXTURE WITH WIRE GUARD	LITHONIA: EJSA-2-32-120-GEB10IS-WGL OR APPROVED EQUAL	2	F32T8/TL741 32W	120 V	SURFACE/PENDANT	SEE ARCH. DWGS	1,2

EMERGENCY/EXIT SYMBOL LIST

TYPE	SYMBOL	DESCRIPTION	MANUFACTURER & CATALOG NUMBER	NUMBER OF LAMPS	LAMP TYPE & WATTAGE	VOLTAGE	MOUNTING	MOUNTING HEIGHT	NOTES
A		EXIT SIGN, ELECTRIC, 120 VOLT, LED LIGHT SOURCE, GLASS PANEL, CHICAGO CODE APPROVED, EMERGENCY BACK-UP POWER	BIG BEAM: ECXLN2RWW-SS-TP-HTR12?-TM OR APPROVED EQUAL	LED ARRAY	LED 3.7W	120	CEILING/WALL/PENDANT	SEE ARCH. DWGS	1
B		EXIT SIGN, ELECTRIC, 120 VOLT, LED LIGHT SOURCE, RIGHT ARROW, GLASS PANEL, CHICAGO CODE APPROVED, EMERGENCY BACK-UP POWER	BIG BEAM: ECXLN2RWW-SS-TP-HTR12?-TM-AR OR APPROVED EQUAL	LED ARRAY	LED 3.7W	120	CEILING/WALL/PENDANT	SEE ARCH. DWGS	1
C		EXIT SIGN, ELECTRIC, 120 VOLT, LED LIGHT SOURCE, LEFT ARROW, GLASS PANEL, CHICAGO CODE APPROVED, EMERGENCY BACK-UP POWER	BIG BEAM: ECXLN2RWW-SS-TP-HTR12?-TM-AL OR APPROVED EQUAL	LED ARRAY	LED 3.7W	120	CEILING/WALL/PENDANT	SEE ARCH. DWGS	1
D		EXIT SIGN, ELECTRIC, 120 VOLT, LED LIGHT SOURCE, DOUBLE-FACE ARROW, GLASS PANEL. CHICAGO CODE APPROVED, EMERGENCY BACK-UP POWER	BIG BEAM: ECXLN2RWW-SS-TP-HTR12?-TM-ARAL/ARAR OR APPROVED EQUAL	LED ARRAY	LED 3.7W	120	CEILING/WALL/PENDANT	SEE ARCH. DWGS	1



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PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL LIGHTING FIXTURE SCHEDULES**

SHEET NO. 87 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	278
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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CABLE / CONDUIT SCHEDULE					
LEGEND	CABLE DESCRIPTION	CONDUIT SIZE (INCHES)	FROM	TO	REMARKS
1	3-500 KCMIL	3-1/2	COMED	CB-N	NOTE 1
2	3-500 KCMIL	3-1/2	CB-N	T1	NOTE 1
3	4-600 KCMIL, 1-#3/0 AWG (G)	4	TI	CT-N	
4	4-600 KCMIL, 1-#3/0 AWG (G)	4	CT-N	MDP	
5	1-#3/0 AWG	1	CT-N	TRACK	NOTE 2
6	13-#10 AWG	1	CT-N	M-N	
7	4-#2 AWG, 1-#4 AWG (G)	1-1/2	MDP	HP-1	
8	4-350 KCMIL, 1-#1/0 AWG (G)	3-1/2	MDP	GEN. TAP BOX	
	4-350 KCMIL, 1-#1/0 AWG (G)	3-1/2			
9	4-#3/0 AWG, 1-#4 AWG (G)	2	MDP	PP-EL	
10	4-#2 AWG, 1-#4 AWG (G)	1-1/2	MDP	LP-1	
11	4-#2 AWG, 1-#4 AWG (G)	1-1/2	MDP	CP	
12	4-#2 AWG, 1-#4 AWG (G)	1-1/2	EM	FCEP	
13	4-#4 AWG, 1-#8 AWG (G)	1-1/2	MDP	BATTERY INVERTER	
14	4-#4 AWG, 1-#8 AWG (G)	1-1/2	BATTERY INVERTER	EM	
15	3-#8 AWG, 1-#10 AWG (G)	1	HP-1	INFRARED HEATERS	
	2-#10 AWG (CONTROL)				
16	1-#10 AWG	3/4	RELAY	TRACK	
17	2-#12 AWG, 1-#12 AWG	3/4	RELAY	TO RCP	
18	NOT USED				
19	NOT USED				
20	NOT USED				
21	NOT USED				
22	NOT USED				
23	NOT USED				

CABLE / CONDUIT SCHEDULE					
LEGEND	CABLE DESCRIPTION	CONDUIT SIZE (INCHES)	FROM	TO	REMARKS
24	NOT USED				
25	NOT USED				
26	NOT USED				
27	NOT USED				
28	NOT USED				
29	NOT USED				
30	NOT USED				
31	SPARE	1	ELEC RM	COMM RM	
32	SPARE	1	ELEC RM	COMM RM	
33	8-#8 AWG, 1-#10 AWG (G)	1	LP-2	SOUTH PLATFORM CONDUIT TRAY	CKTS 2,4,6,8,10,12
34	8-#8 AWG, 1-#10 AWG (G)	1	LP-2	SOUTH PLATFORM / GROUND LIGHTING	CKTS 14,16,18,20,22,24
35	6-#8 AWG, 1-#10 AWG (G)	1	RS	SOUTH PLATFORM LIGHTING / SIGNAGE	CKTS 32,34,36,38,40
36	8-#8 AWG, 1-#10 AWG (G)	1	EM	SOUTH PLATFORM LIGHTING / SIGNAGE	CKTS 20,22,24,26,28,30
37	2-#8 AWG, 1-#10 AWG (G)	3/4	LP-1	SOUTH PLATFORM RECEPT.	CKT 38
38	3-#8 AWG, 2-#12, 1-10 AWG (G)	1	IR-CP	SOUTH IR-HTRS PLATFORM	CKTS 2,4,6
39	5-#8 AWG, 1-10 AWG (G)	1	HP-1	SOUTH IR-HTRS GROUND	CKTS 8,10,12,14,16
40	4-#8 AWG, 1-10 AWG (G)	1	HP-1	SOUTH KIOSK HEATERS	CKTS 18,20,22,24
41	4-#8 AWG, 1-10 AWG (G)	1	HP-1	SOUTH JAN. CLO. HEATER BATHRM	CKTS 26,28,30,32
42	8-#10 AWG, 1-10 AWG (G)	3/4	LP-1	SOUTH STATION	CKTS 2,4,6,8,10,12
43	7-#10 AWG, 1-10 AWG (G)	1	RS	SOUTH STATION LIGHTING	CKTS 2,4,6,8,10
44	6-#10 AWG, 1-10 AWG (G)	3/4	EM	SOUTH STATION	CKTS 4,6,8,10
45	4-#10 AWG, 1-#10 AWG (G)	1	LP-1	SOUTH STATION	CKTS 14,16,18,20,22
	2-#6 AWG, 1-#8 AWG (G)	1			
46	2-#10 AWG, 1-#10 AWG (G)	3/4	HT-CP	SOUTH HEAT TRACING STATION	CKT 3

NOTES:

1. FRE CONDUIT.
2. GROUND, EXOTHERMIC CONNECTION TO STRUCTURE.
3. CONTROL.



3940 West Touhy Avenue, Suite 210, Niles, IL 60714
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USER NAME = habib	DESIGNED -	REVISED
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PLOT SCALE = 2x0 'in / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL CABLE/CONDUIT SCHEDULE PART 1**

SHEET NO.88 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	279
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

8/06/23 PM 2:19:56 MW29.dgn

CABLE / CONDUIT SCHEDULE					
LEGEND	CABLE DESCRIPTION	CONDUIT SIZE (INCHES)	FROM	TO	REMARKS
47	2-#14 AWG, 1-#10 AWG (G)	3/4	FACP	SOUTH MEZZANINE ELEVATOR ROOM	
48	8-#12 AWG, 1-10 AWG (G)	3/4	KIOSK	IR-CP	NOTE 3
49	70-#14 AWG, 1-#12 AWG (G)	2	ELEC RM	COMM RM	
50	SPARE	1	ELEC RM	COMM RM	
51	SPARE	1	ELEC RM	COMM RM	
52	SPARE	1	ELEC RM	COMM RM	
53	24-#14 AWG, 1-#12 AWG (G)	1	SOUTH MEZZANINE	RELAY PANEL/ ITC CABINET	
54	4-#10 AWG, 1-#10 AWG (G)	3/4	FCP	ELEC RM	CKTS 1,3,5
55	6-#10 AWG, 1-#10 AWG (G)	3/4	FCP	ELEC RM	CKTS 7,9,11,13
56	2-#10 AWG, 1-#10 AWG (G)	3/4	LP-1	LED FIXTURES (SIGN)	
57	4-#10 AWG, 1-#10 AWG (G)	1	HP-1	SOUTH KIOSK AC	CKTS 8,10,34,36
58	2-#8 AWG, 1-#10 AWG (G)	3/4	RS	PLATFORM LIGHT POLE	CKT 12
59	2-#10 AWG, 1-#10 AWG (G)	3/4	ELEVATOR PIT	PP-EL CKT 6	
60	TBD	TBD	TBD	TBD	
61	TBD	TBD	TBD	TBD	
62	TBD	TBD	TBD	TBD	
63	TBD	TBD	TBD	TBD	
64	TBD	TBD	TBD	TBD	
65	TBD	TBD	TBD	TBD	
66	TBD	TBD	TBD	TBD	
67	TBD	TBD	TBD	TBD	
68	TBD	TBD	TBD	TBD	
69	TBD	TBD	TBD	TBD	
70	TBD	TBD	TBD	TBD	

CABLE / CONDUIT SCHEDULE					
LEGEND	CABLE DESCRIPTION	CONDUIT SIZE (INCHES)	FROM	TO	REMARKS
71	TBD	TBD	TBD	TBD	
72	TBD	TBD	TBD	TBD	
73	TBD	TBD	TBD	TBD	
74	TBD	TBD	TBD	TBD	
75	TBD	TBD	TBD	TBD	
76	TBD	TBD	TBD	TBD	
77	TBD	TBD	TBD	TBD	
78	TBD	TBD	TBD	TBD	
79	TBD	TBD	TBD	TBD	
80	TBD	TBD	TBD	TBD	
81	TBD	TBD	TBD	TBD	
82	TBD	TBD	TBD	TBD	
83	TBD	TBD	TBD	TBD	
84	TBD	TBD	TBD	TBD	
85	TBD	TBD	TBD	TBD	
86	TBD	TBD	TBD	TBD	
87	TBD	TBD	TBD	TBD	
88	TBD	TBD	TBD	TBD	
89	2-#8 AWG, 1-#10 AWG (G)	3/4	HT-CP	HEAT TRACE CKT 1	
90	2-#8 AWG, 1-#10 AWG (G)	3/4	HT-CP	HEAT TRACE CKT 2	
91	2-#8 AWG, 1-#10 AWG (G)	3/4	HT-CP	HEAT TRACE CKT 3	
92	2-#8 AWG, 1-#10 AWG (G)	3/4	HT-CP	HEAT TRACE CKT 4	
93	2-#8 AWG, 1-#10 AWG (G)	3/4	HT-CP	HEAT TRACE CKT 5	
94	2-#8 AWG, 1-#10 AWG (G)	3/4	HT-CP	HEAT TRACE CKT 6	

NOTES:

1. FRE CONDUIT.
2. GROUND, EXOTHERMIC CONNECTION TO STRUCTURE.
3. CONTROL.



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PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL CABLE/CONDUIT SCHEDULE PART 2**

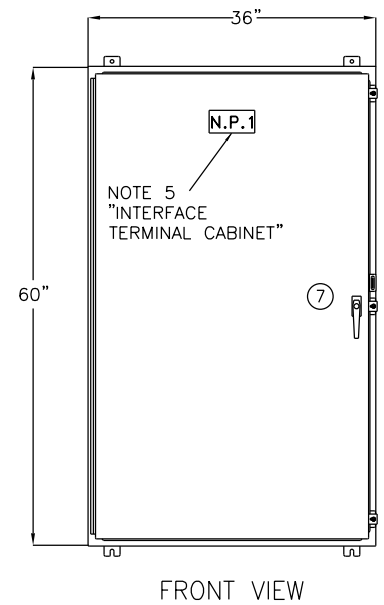
SHEET NO. 89 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

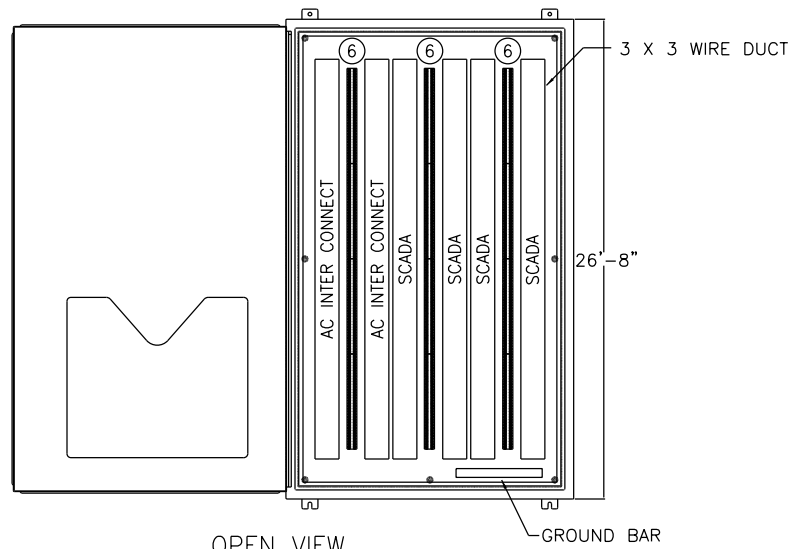
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	280
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

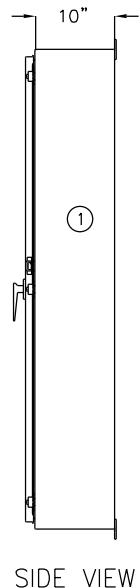
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FRONT VIEW



OPEN VIEW



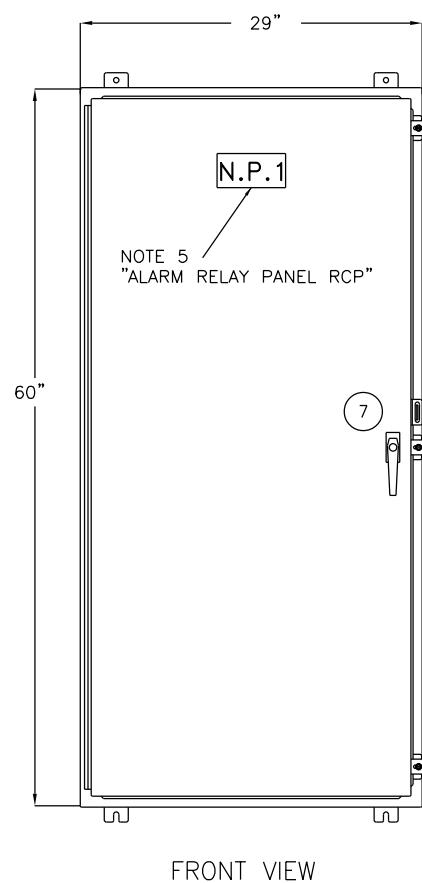
SIDE VIEW



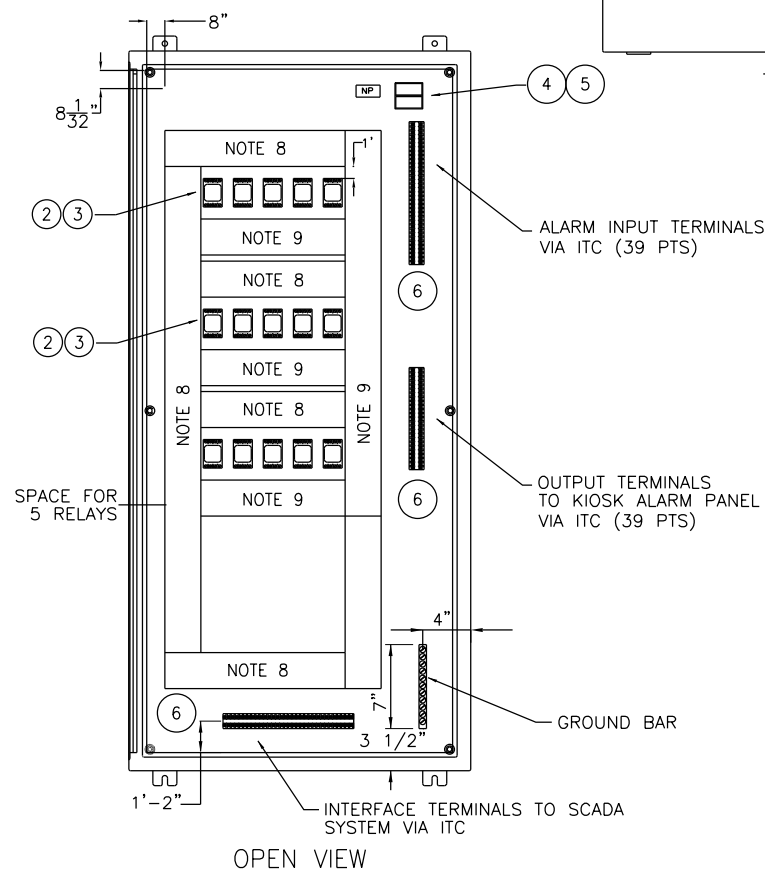
TOP VIEW

CUT TERMINAL BLOCK RAIL TO 4'-0"
CUT WIRE DUCT TO 4'-2"

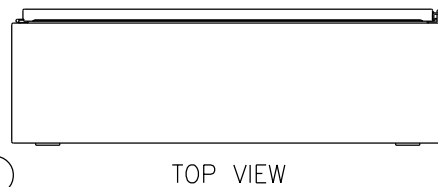
1 INTERFACE TERMINAL CABINET
SCALE N/A



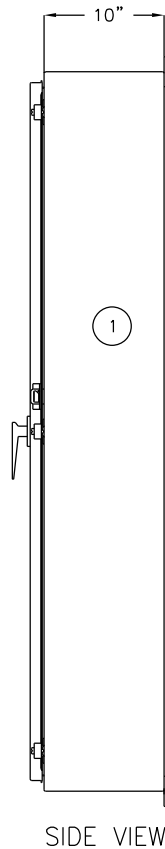
FRONT VIEW



OPEN VIEW

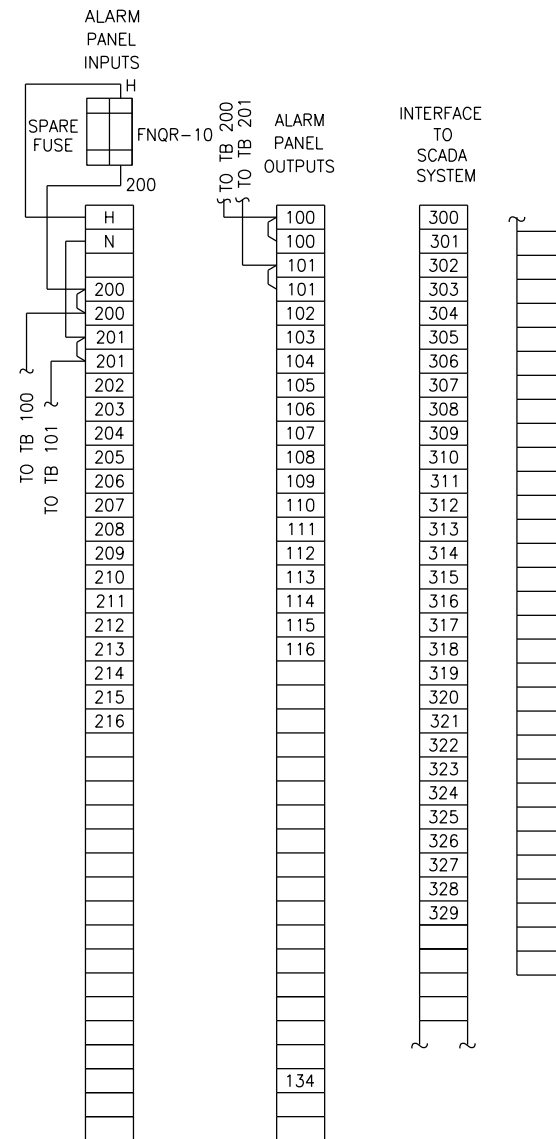


TOP VIEW



SIDE VIEW

2 ALARM RELAY PANEL RCP
SCALE N/A



LEGEND

ITEM NO.	DESCRIPTION
1	SEE NOTE 1
2	3PDT RELAY 120 VOLT WITH NEON INDICATOR
3	11 PIN SOCKET DIN RAIL MOUNT WITH HOLD DOWN SPRING
4	FUSE BLOCK 2 POLE CLASS CC
5	CONTROL FUSE 10 AMP 1 ACTIVE, 1 SPARE
6	3 POINT 30AMP 600 VOLT SCREW TYPE TERMINAL BLOCK
7	3 POINT LEVER HANDLE LOCK KEYED CAT 60
8	WHITE NYLON WIRE DUCT 3 X 3 WITH COVER

NOTES:

- ENCLOSURE SIMILAR TO HOFFMAN BULLETIN A12 EXCEPT MADE FROM 12 GAUGE GALVANEAL STEEL CONTINUOUSLY WELDED SEAMS, PRIMED AND FINISHED ANSI-61 WITH 12 GAGE BACK PAN PAINTED WHITE.
- SUB PANEL TO BE MOUNTED WITH VIBRATION DAMPERS.
- ALL RELAYS TO BE PROVIDED WITH RETAINING CLIPS.
- WIRE DUCT COVERS TO BE PROVIDED WITH USE IDENTIFICATION LABELS.
- 2 X 6 WHITE WITH BLACK 3/8" LETTERS TO BE ATTACHED WITH STAINLESS STEEL SCREWS.
- ALL CONTROL WIRING AWG TO BE #14 AWG TYPE SIS, 19 STRAND, COPPER, 600 VOLTS. ASSEMBLY TO BEAR UL 508 INDUSTRIAL CONTROL LABEL. ALL INTERNAL CONNECTIONS TO BE MADE WITH PANDUIT INSULATED RING TOUNGE LUGS WHEN POSSIBLE.
- CONNECTIONS TO RELAY SOCKETS TO BE MADE WITH PANDUIT INSULATED LOCKING FORK LUGS.
- 3X3 DUCT (SCADA).
- 3X3 DUCT (AC).

FOR INFORMATION ONLY

AAA ENGINEERING
W8/D8E CERTIFIED
3940 West Touhy Avenue, Suite 210, Niles, IL 60714
Phone: 847-647-9999 • Fax: 847-647-4719

TranSystems

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PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL INTERFACE TERMINAL CABINET & ALARM RELAY PANEL RCP**

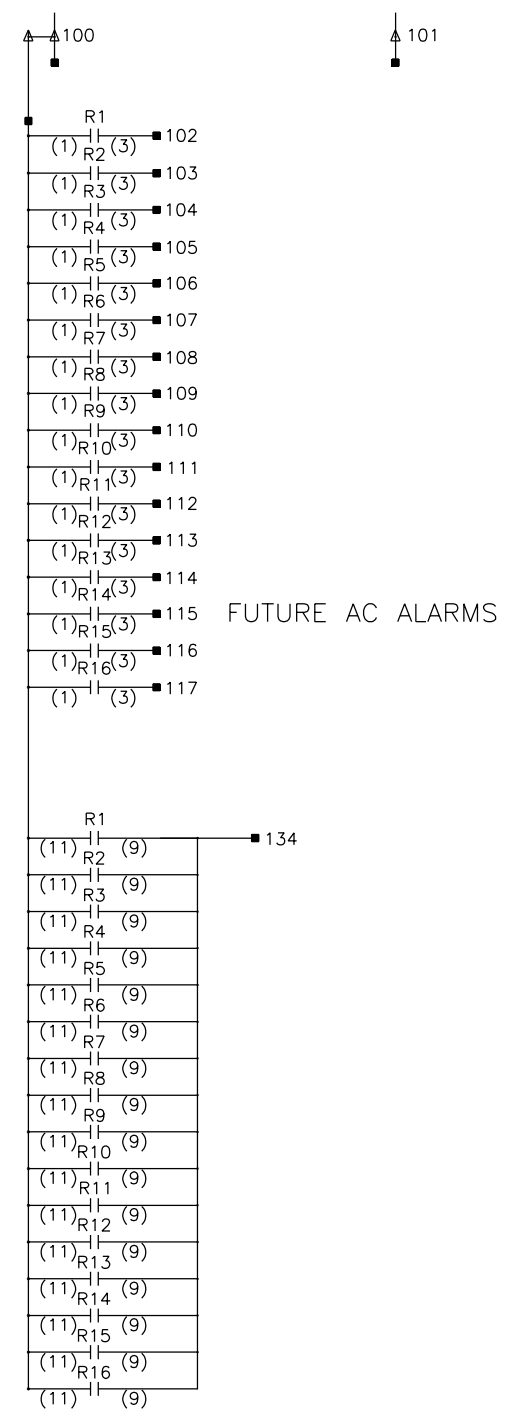
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	281
				CONTRACT NO. 60W29

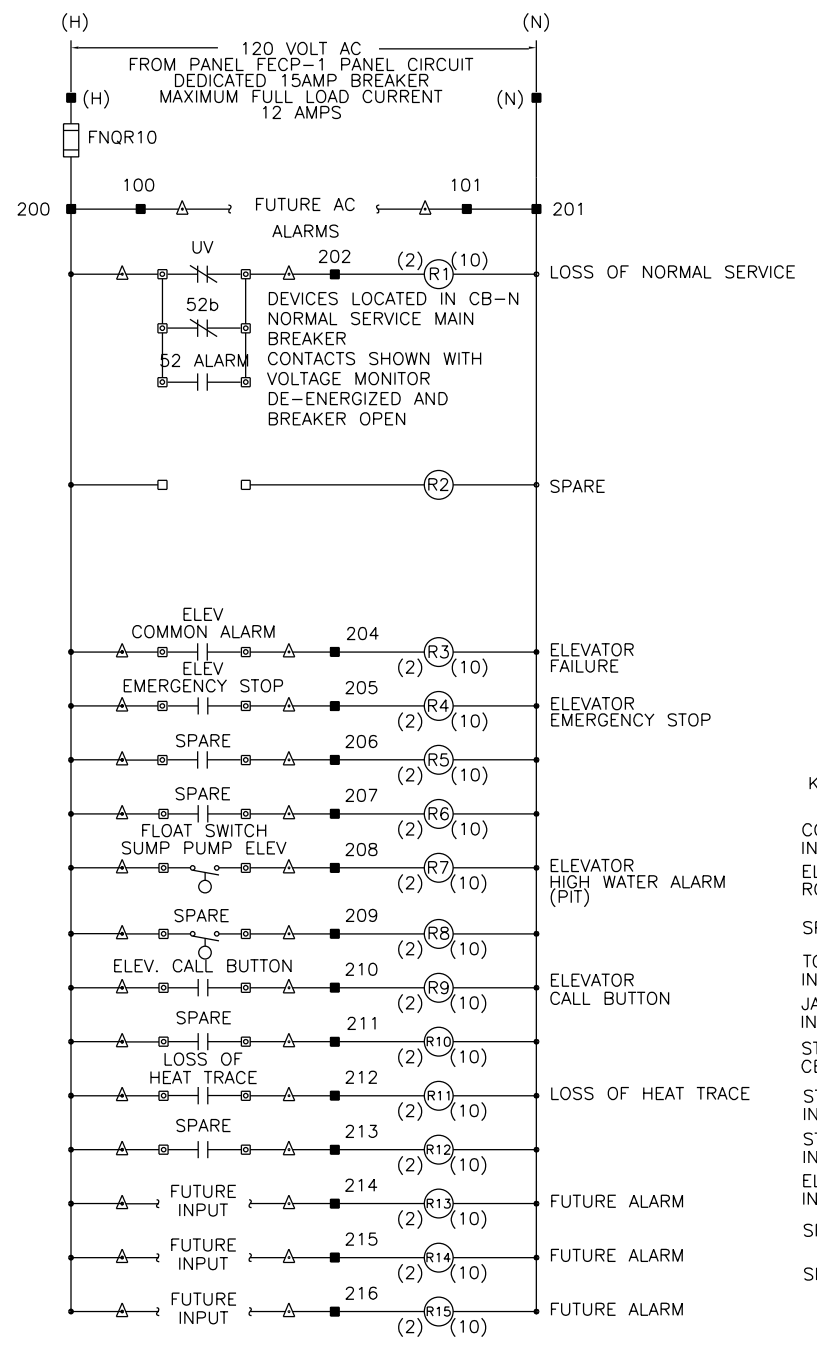
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INTERFACE TERMINAL CABINET (ITC)

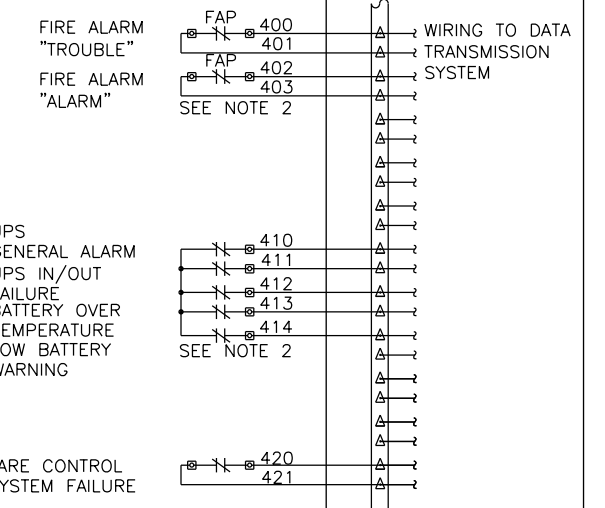
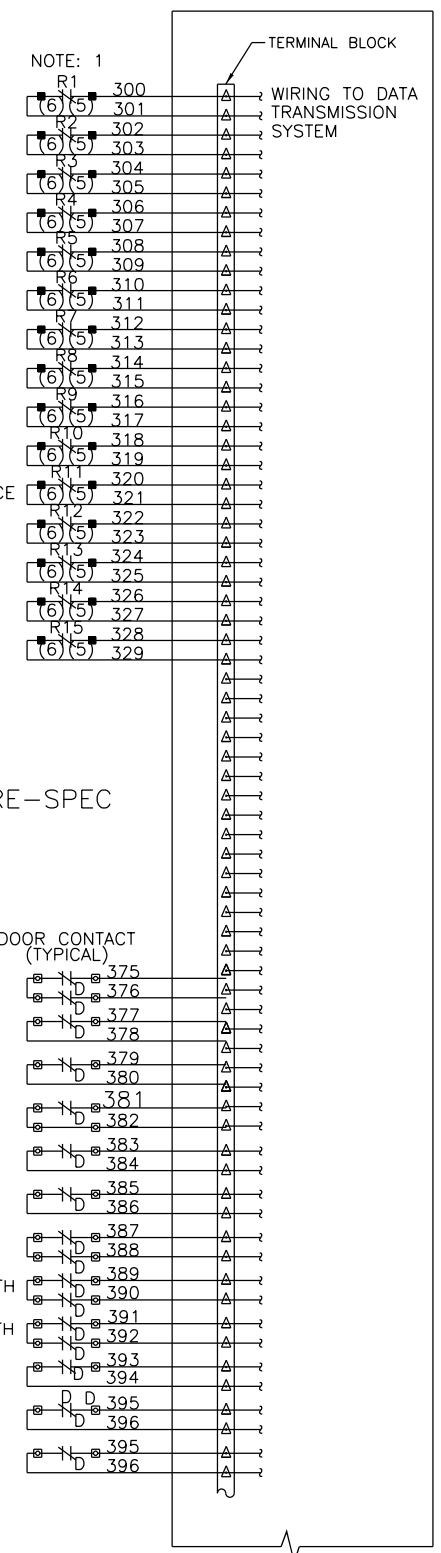


1 RELAY CONTROL PANEL WIRING DIAGRAM
SCALE N/A



2 ITC ALARM CONTACT WIRING DIAGRAM
SCALE N/A

- NOTE: 1
- (6) (5) 300 LOSS OF NORMAL SERVICE
 - (6) (5) 301 SPARE
 - (6) (5) 302 ELEVATOR FAILURE
 - (6) (5) 303 ELEVATOR EMERGENCY STOP
 - (6) (5) 304 SPARE
 - (6) (5) 305 ELEVATOR HIGH WATER ALARM
 - (6) (5) 306 SPARE
 - (6) (5) 307 ELEVATOR CALL BUTTON
 - (6) (5) 308 SPARE
 - (6) (5) 309 LOSS OF HEAT TRACE
 - (6) (5) 310 SPARE
 - (6) (5) 311 FUTURE ALARM
 - (6) (5) 312 FUTURE ALARM
 - (6) (5) 313 FUTURE ALARM
 - (6) (5) 314
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 - (6) (5) 329



- △ - TERMINAL IN INTERFACE TERMINAL COMPARTMENT
 - - TERMINAL OR DEVICE IN ALARM RELAY CONTROL PANEL
 - - TERMINAL AT RESPECTIVE REMOTE DEVICE
 - D - DOOR SWITCH CONTACT (INTRUSION ALARM)
- CONTROL PANEL TO HAVE
U/L 508 INDUSTRIAL CONTROL LABEL

- NOTES:
- MAXIMUM CONTACT RATING 120 VOLT AC, 10 FULL LOAD AMPS
MAKE: 1200 VA
BREAK: 360 VA
CIRCUIT BREAKER OR FUSED DISCONNECT AS REQUIRED BY NEC.
 - CONFIRM THAT FIRE ALARM AND UPS CONTACTS ARE NORMALLY CLOSED AND OPEN ON ALARM OR FAULT.
 - ITC CABINET AND RELAY PANEL ARE LOCATED IN ELECTRICAL ROOM.
 - CONNECT ALL RELAY NC & NO CONTACTS TO ITC PANEL.
 - WIRING FROM TERMINALS IN ITC CABINET TO TERMINALS IN RCP PANEL AND FIELD WIRING FROM REMOTE DEVICES TO ITC CABINET OR RCP PANEL TO BE #14 AWG IN 3/4" CONDUIT.



USER NAME = habib	DESIGNED -	REVISED
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PLOT SCALE = 0.2' in / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

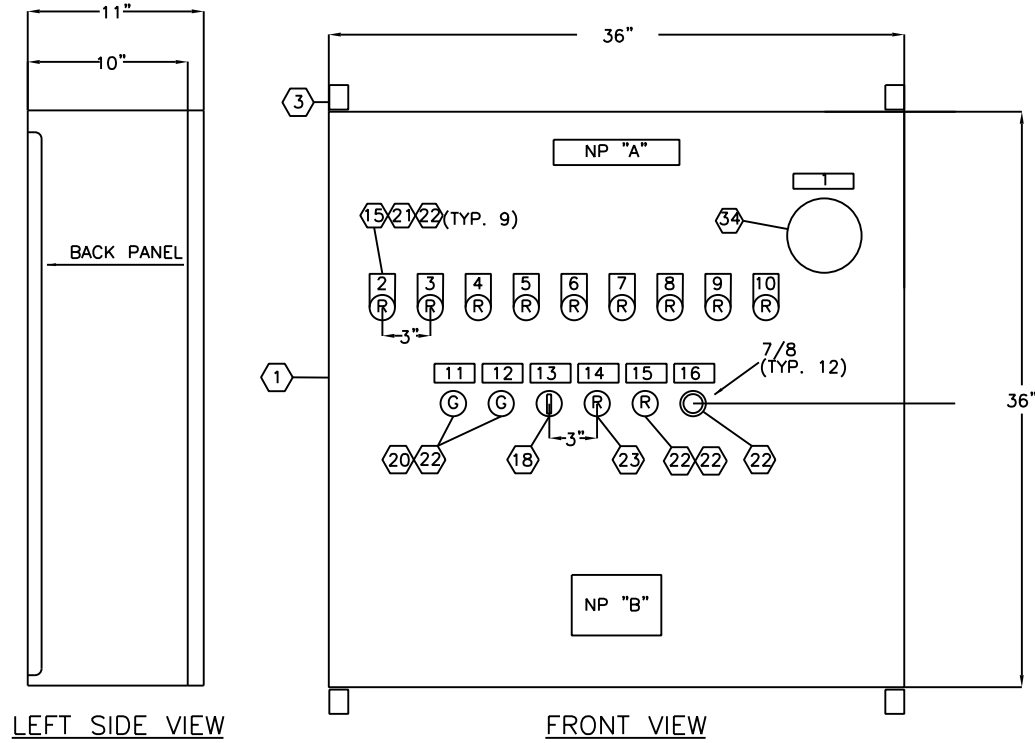
PEORIA STREET STATION
CONTROL DIAGRAMS ITC AND RCP PANELS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	282
CONTRACT NO.			60W29	

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NAMEPLATE (NP) "A"

MATERIAL:
1 1/4" X 7" WHITE LAMINATED PHENOLIC WITH BLACK CORE LETTERS.
ATTACHED WITH STAINLESS STEEL SCREWS. 1/4" LETTER SIZE N.T.S.

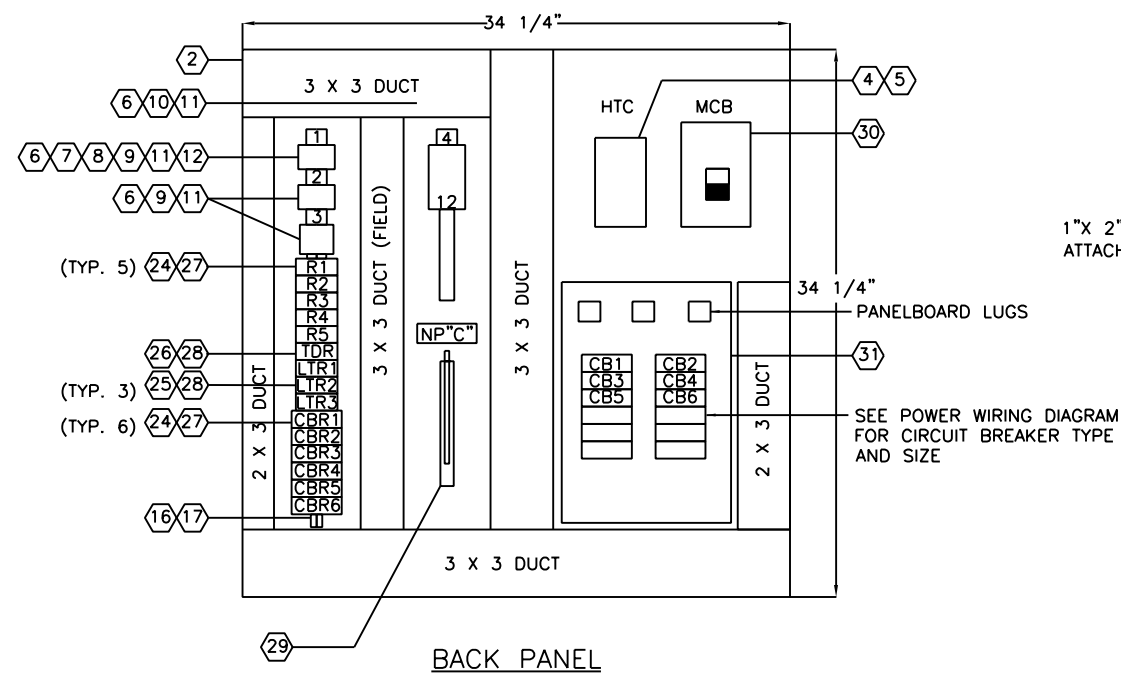
NAMEPLATE (NP) "B"

MATERIAL:
3 1/2" X 4" WHITE LAMINATED PHENOLIC WITH BLACK CORE LETTERS.
ATTACHED WITH STAINLESS STEEL SCREWS. 1/8" AND 1/4" LETTER SIZE N.T.S.

USE 75°C MINIMUM
COPPER CONDUCTORS
FOR FIELD WIRE

NAMEPLATE (NP) "C"

MATERIAL:
1" X 2" WHITE LAMINATED PHENOLIC WITH BLACK CORE LETTERS.
ATTACHED WITH STAINLESS STEEL SCREWS. 3/16" LETTER SIZE N.T.S.



TERMINAL TAGGING SCHEDULE			
NP	FIRST LINE	SECOND LINE	THIRD LINE
1	TB1	FUSE FU1 5 AMP	CONTROL POWER
2	TB2	AMBIENT THERMOSTAT	INPUT
3	TB3	ALARM	OUTPUT
4	TB4	LOAD POWER	

LEGEND	
ITEM	DESCRIPTION
1	36" HIGH X 36" WIDE X 10" DEEP, NEMA 12, CARBON STEEL ENCLOSURE
2	34 1/4" HIGH X 34 1/4" WIDE BACK PANEL
3	MOUNTING FOOT KIT
4	3 POLE, 100 AMP RESISTIVE, 120 VOLT COIL, 600 VOLT, IEC CONTACTOR
5	1-NO AND NC AUXILIARY CONTACT BLOCK
6	TYPE SHT5, LABEL HOLDER AND CLEAR COVER
7	TYPE WSI 6/2 LED, 600 VAC, 16 AMP, FUSE TERMINAL BLOCK
8	TYPE WAP 2/5-10, FUSE END SECTION
9	TYPE WDU4, 600 VAC, 35 AMP, #22 - #10 AWG, WEMID, TERMINAL
10	TYPE WDU10, 600 VAC, 65 AMP, # 18 - #6 AWG, WEMID, TERMINAL BLOCK
11	TYPE WEW 35/2, WEMID END SECTION/ END BRACKET
12	5 AMP, 250 VOLT, 1/4" X 1 1/4" FUSE
13	2" WIDE X 3" HIGH WHITE WIRE DUCT WITH COVER
14	3" WIDE X 3" HIGH WHITE WIRE DUCT WITH COVER
15	GRAVOPLY LEGEND PLATE
16	RELAY SOCKET MOUNTING RAIL
17	END CLAMP
18	3 POSITION, MAINTAINED, FINGER-SAFE SELECTOR SWITCH
19	1 NO., BLACK, MOMENTARY, FINGER-SAFE PUSH BUTTON
20	120 VOLT AC, GREEN LED, PILOT LIGHT
21	120 VOLT AC, RED LED, PILOT LIGHT
22	COVER FOR "APW" PILOT LIGHT
23	120 VOLT AC, RED LED, MOMENTARY, FINGER-SAFE ILLUMINATED PUSH BUTTON
24	DPDT, 10 AMP, 120 VOLT AC COIL, BLADE TYPE RELAY
25	4PDT, 3 AMP, 120 VOLT AC COIL, BLADE TYPE RELAY
26	DPDT, 5 AMP, 120 VOLT AC COIL, ADJUSTABLE 3 SEC TO 30 MIN TIME RANGE, ON DELAY, TIMER
27	250 VOLT, 10 AMP, 8 BLADE, FINGER-SAFE SOCKET
28	250 VOLT, 7 AMP, 14 BLADE, FINGER-SAFE SOCKET
29	30 CIRCUIT, 225 AMP, EQUIPMENT GROUND BAR WITH ONE #1- #4/0 LUGS
30	3 POLE, 100 AMP, 22,000 AIC, 240 VOLT, THERMAL MAGNETIC MAIN CIRCUIT BREAKER
31	240 VOLT, 3 PHASE, 4 WIRE, 100 AMP, MAIN LUGS ONLY, COPPER BUS, 12 SPACE, PANELBOARD
32	1 POLE, 20 AMP, 120 VOLT, BOLT-ON, 30 MILLIAMP GROUND FAULT TRIP, CIRCUIT
33	1 POLE CIRCUIT BREAKER HANDLE PADLOCK
34	DOOR-MOUNTED CIRCUIT BREAKER OPERATING MECHANISM

NAMEPLATE SCHEDULE					
NP	FIRST LINE	SECOND LINE	NP	FIRST LINE	SECOND LINE
1	MAIN DISCONNECT		9	CIRCUIT BREAKER	NO. 8 OFF
2	CIRCUIT BREAKER	NO. 1 OFF	10	CIRCUIT BREAKER	NO. 9 OFF
3	CIRCUIT BREAKER	NO. 2 OFF	11	POWER ON	
4	CIRCUIT BREAKER	NO. 3 OFF	12	HEAT TRACE CONTACTOR	ENERGIZED
5	CIRCUIT BREAKER	NO. 4 OFF	13	HEAT TRACE	HAND OFF AUTO
6	CIRCUIT BREAKER	NO. 5 OFF	14	COMMON ALARM	PUSH TO ACKNOWLEDGE
7	CIRCUIT BREAKER	NO. 6 OFF	15	HEAT TRACE CONTACTOR	FAILURE ALARM
8	CIRCUIT BREAKER	NO. 7 OFF	16	LAMP TEST	

1 HEAT TRACE FREEZE PROTECTION PANEL HTC-1

SCALE NTS



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	CHECKED -	REVISED

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PEORIA STREET STATION
ELECTRICAL HEAT TRACE FREEZE PROTECTION PANEL (HTC-1)

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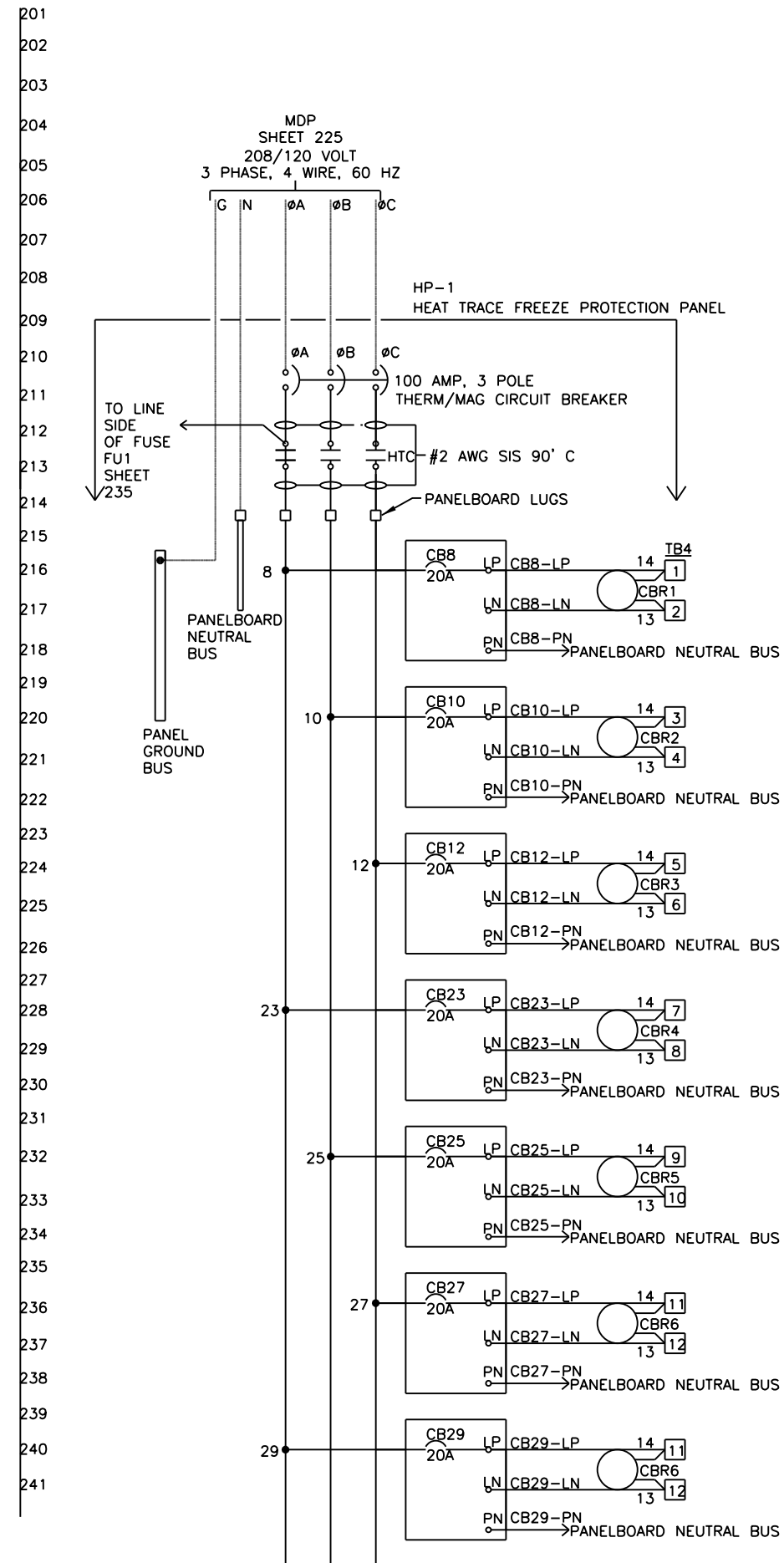
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	283
CONTRACT NO.				60W29

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NOTES:

1. DASHED LINES INDICATE FIELD WIRING
2. SEE SHEET 277 FOR HP-1 SCHEDULE.



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PLOT SCALE = 0.2' in / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

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DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL CONTROL DIAGRAM HEAT TRACING PART 1**

SHEET NO.93 OF 117 SHEETS

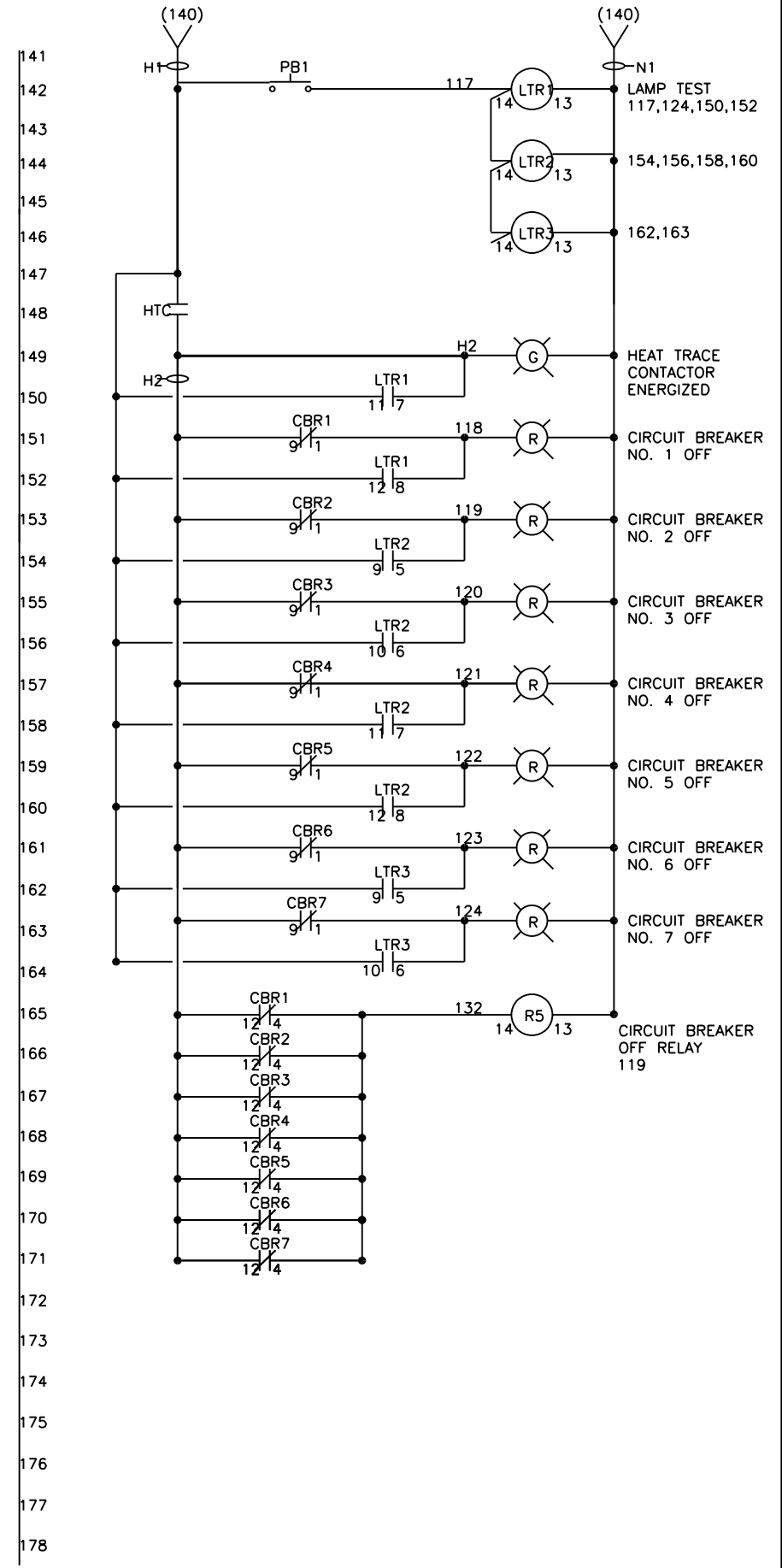
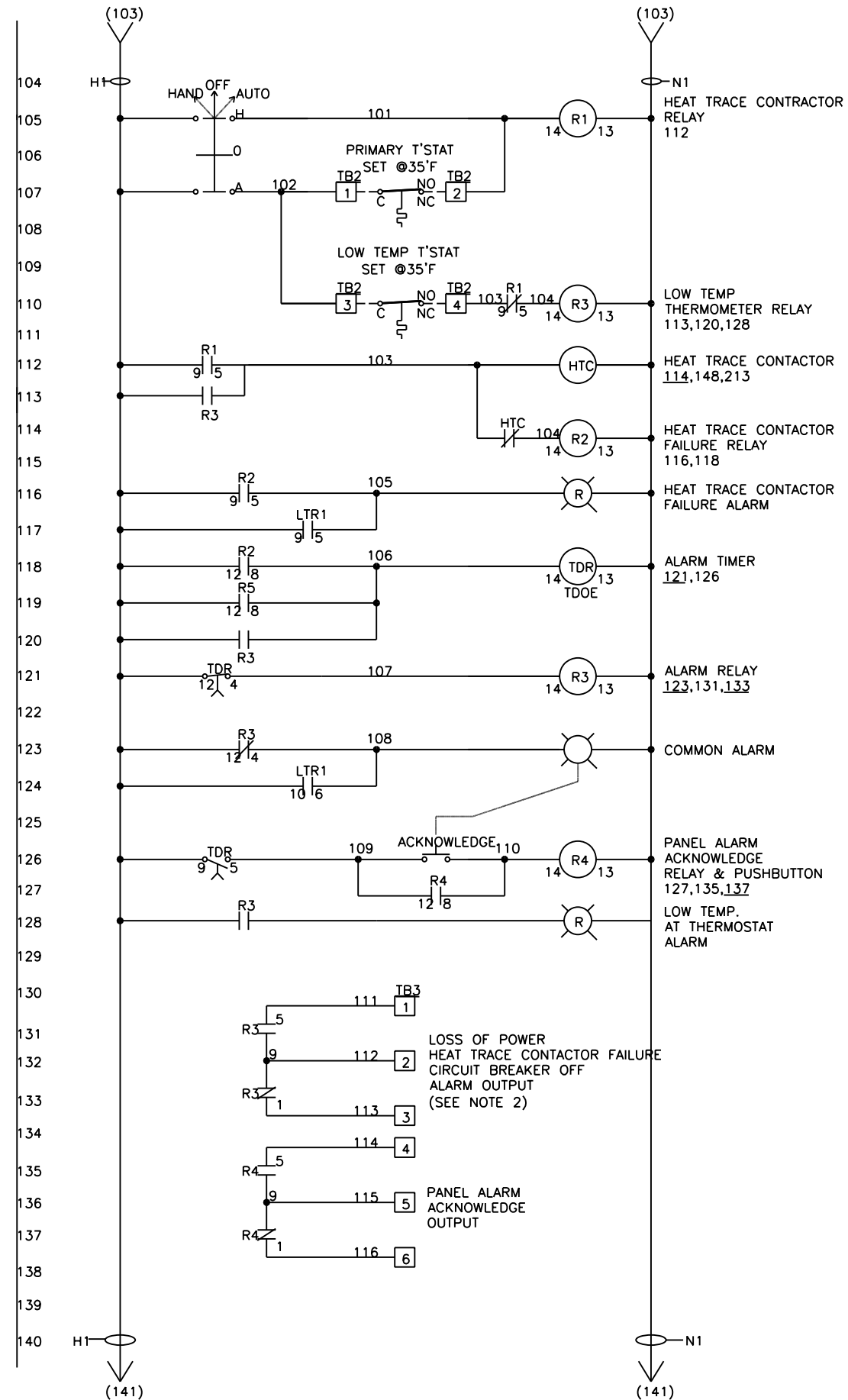
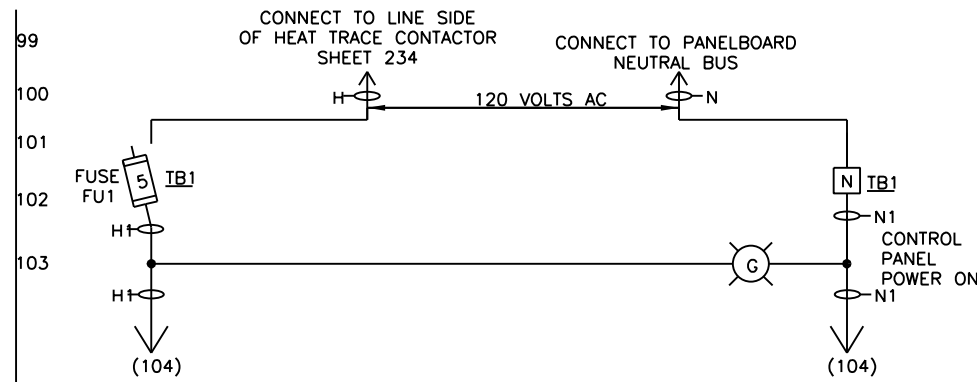
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	284
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	

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NOTES:

1. DASHED LINES INDICATE FIELD WIRING.
2. PANEL ALARM OUTPUT CONTACTS SHOWN IN ALARM MODE.
NORMAL:
ALARM: R3 ENERGIZED
R3 DE-ENERGIZED



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PEORIA STREET STATION
ELECTRICAL CONTROL DIAGRAM HEAT TRACING PART 2

SHEET NO.94 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	285
CONTRACT NO.			60W29	

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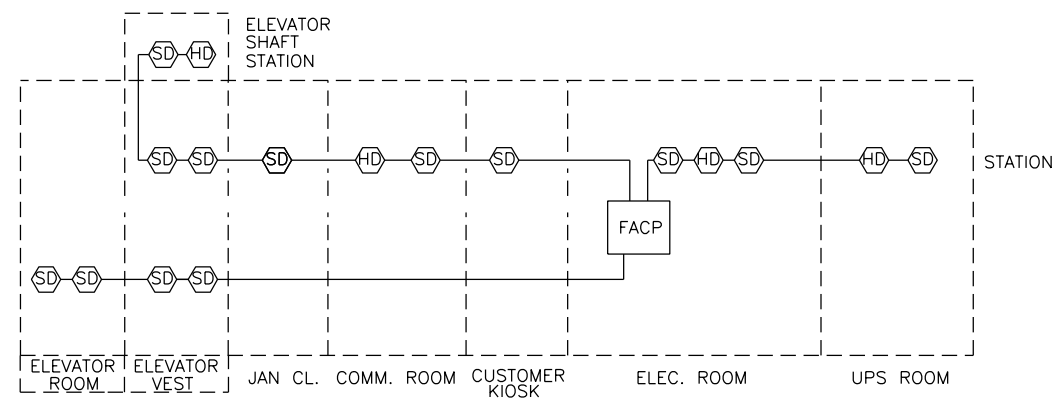
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NOTES:

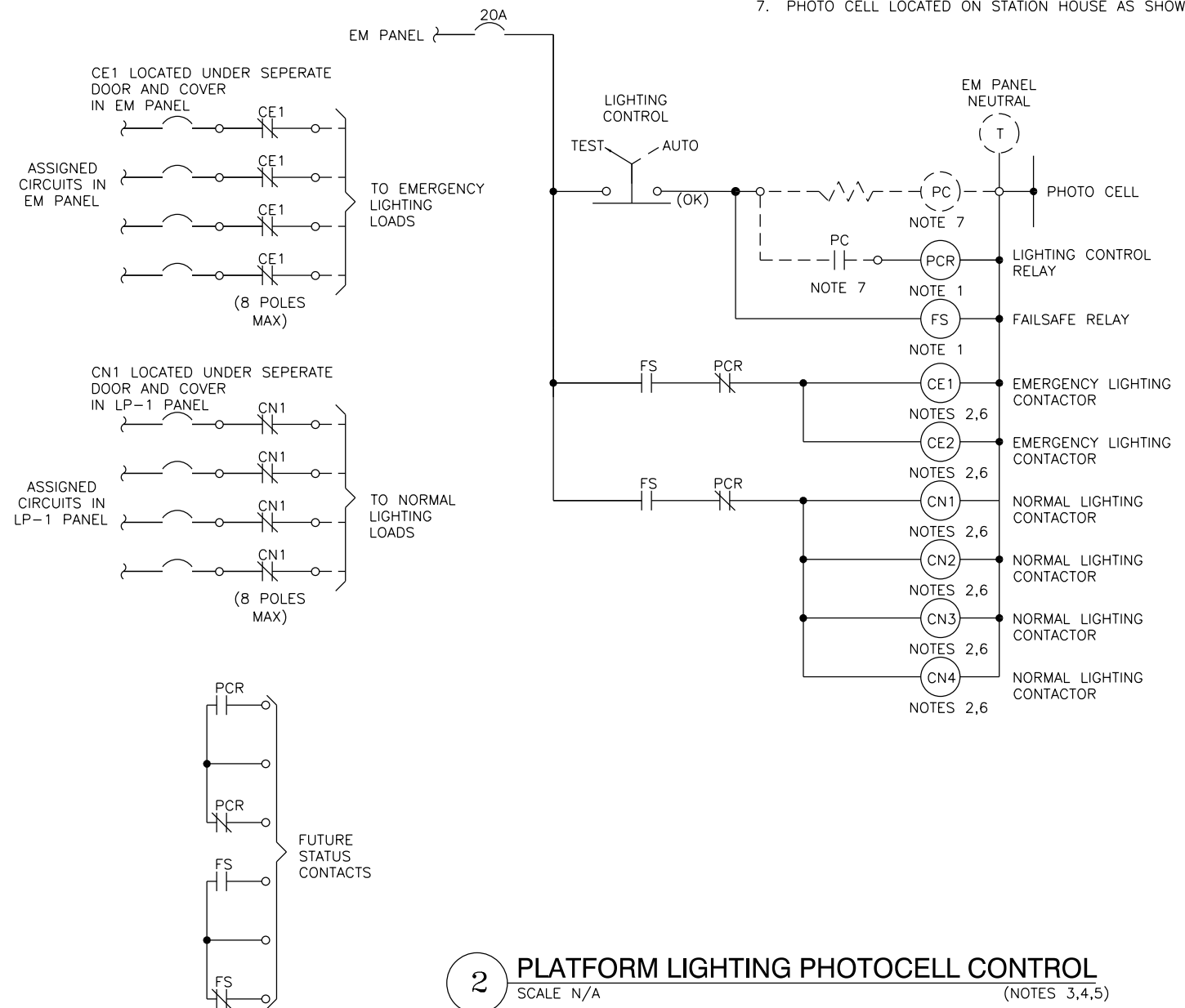
1. PCR, FS LOCATED IN LCP ARE TO BE POTTER BRUMFIELD KRPA 1AAN120, SOCKET AND HOLD DOWN SPRING.
2. CN AND CE ARE TO BE SQUARE D ELECTRICALLY HELD 3 AMP TYPE LD WITH NORMALLY CLOSED CONTACTS COIL BURDEN 180VA IN RUSH, 35VA HOLD.
3. LIGHTING CONTRACTORS DE-ENERGIZED TO TURN LIGHTS ON IN NORMAL OPERATION OR PHOTO CELL FAILURE OR TEST.
4. DEVICES ARE TO BE MOUNTED IN ENCLOSURE (LCP).
5. DEVICES AND PANEL ARE TO BE PROVIDED BY ILLINOIS SWITCHBOARD OR APPROVED EQUAL.
6. CONTACTORS ARE TO BE MOUNTED AT THE BOTTOM OF ASSOCIATED LIGHTING PANEL UNDER SEPARATE DOOR AND COVER ARE TO BE SEPARATED FROM PANELBOARD AND WIRING BREAKERS, BUS WORK PANELBOARD.
7. PHOTO CELL LOCATED ON STATION HOUSE AS SHOWN ON THE SHEETS.

NOTES:

- A. EACH DEVICE TO BE FED WITH WITH 2-#14 AWG, 1-#14 AWG GRD, IN 3/4" GRS CONDUIT.



1 FIRE ALARM RISER DIAGRAM
SCALE N/A



2 PLATFORM LIGHTING PHOTOCCELL CONTROL
SCALE N/A (NOTES 3,4,5)



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PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL CONTROL DIAGRAMS PART 1**

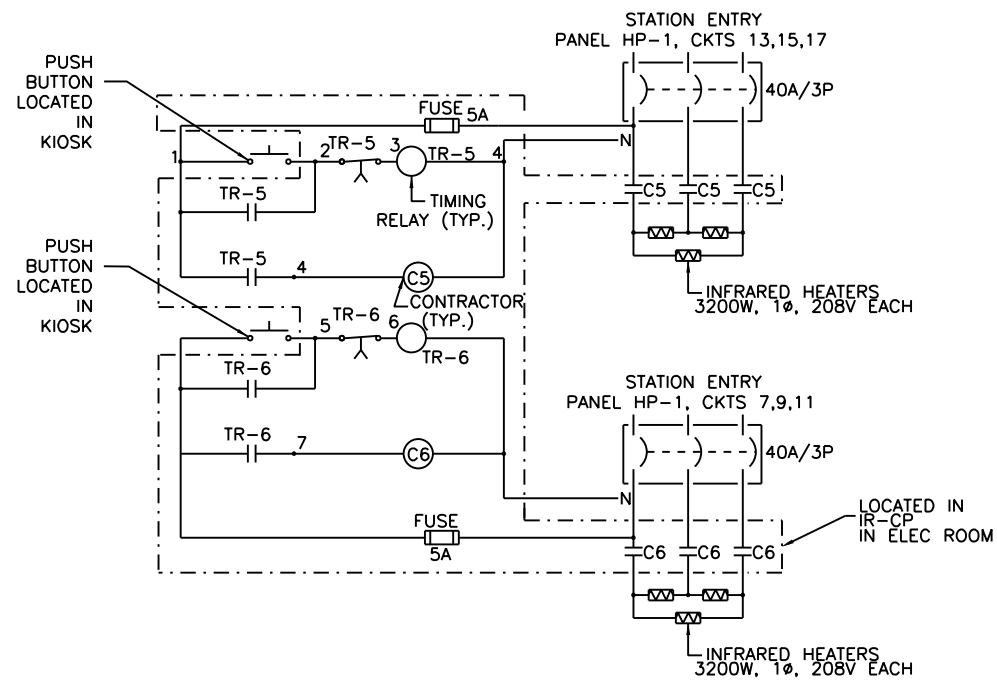
SHEET NO.95 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	286
CONTRACT NO.			60W29	

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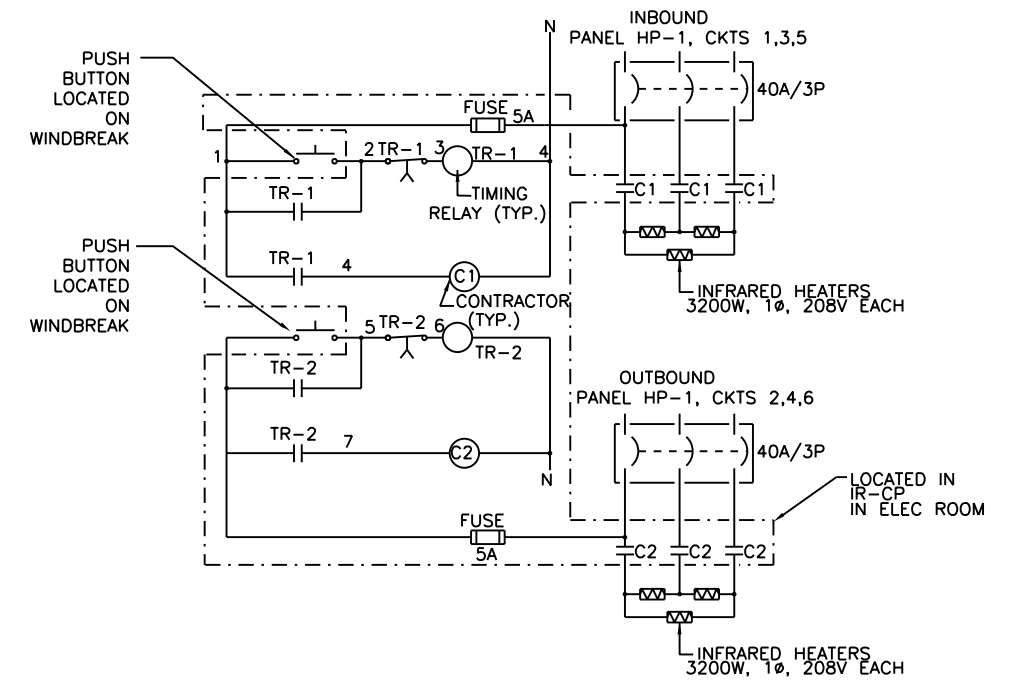
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NAME PLATES				
1	2	3	4	5
○	○	○	\$	\$
PUSH BUTTON	PUSH BUTTON	PUSH BUTTON	SWITCH	SWITCH

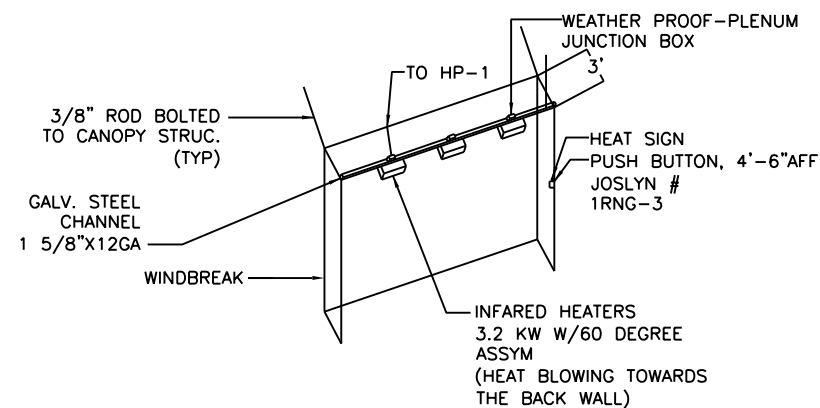
NAME PLATES		
1	STATION HEATER	(N)
2	STATION HEATER	(C)
3	TURNSTILE HEATER	(S)
4	EX FAN	
5	LIGHT	

2 IN KIOSK CONTROL STATION
SCALE N/A



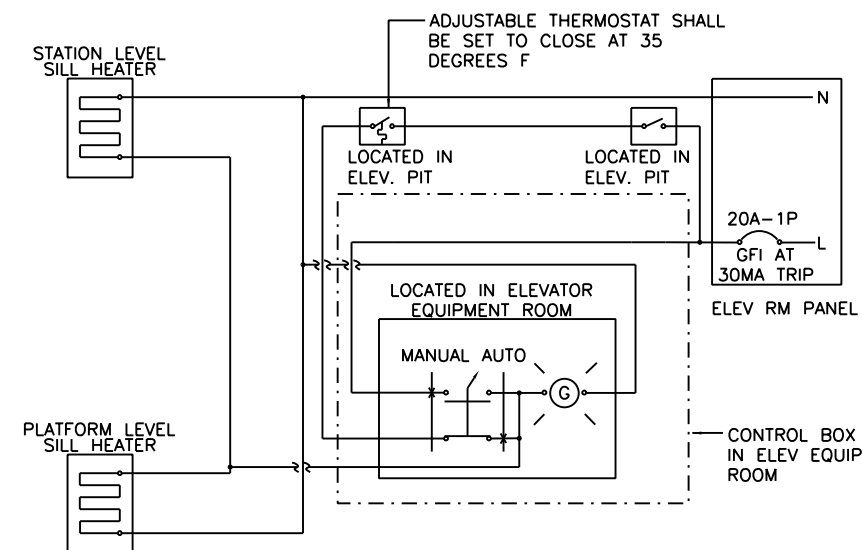
3 PLATFORM WINDBREAK HEATER CONTROL DIAGRAM
SCALE N/A

1 STATION HEATER CONTROL DIAGRAM
SCALE N/A

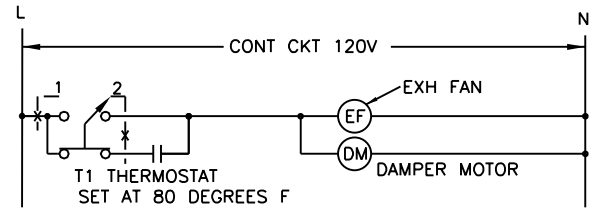


NOTES:
A. INSTALLATION SHOWN IS DIAGRAMATIC. COORDINATE WITH EXISTING FIELD CONDITIONS.

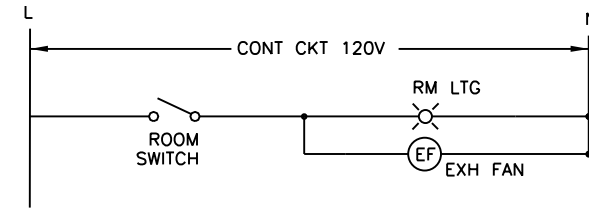
4 TYPICAL PLATFORM WINDBREAK HEATER INSTALLATION
SCALE N/A



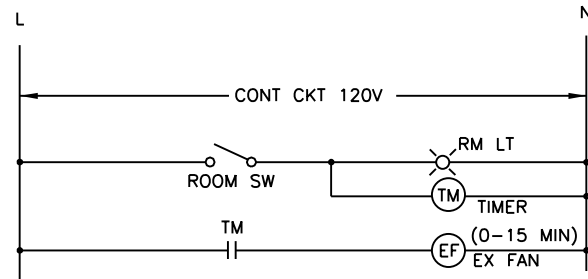
5 ELEVATOR DOOR SILL FREEZE PROTECTION - WIRING DIAGRAM (TYP.)
SCALE N/A



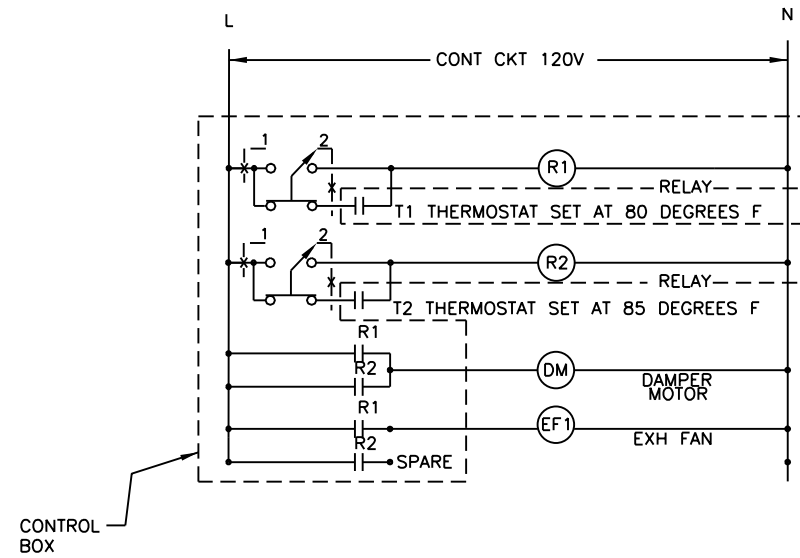
1 ELEVATOR ROOM EXHAUST FAN CONTROL DIAGRAM
SCALE N/A



2 JANITOR AND COMMUNICATION ROOM EXHAUST FAN CONTROL DIAGRAM
SCALE N/A



3 TOILET ROOM CONTROL DIAGRAM
SCALE N/A



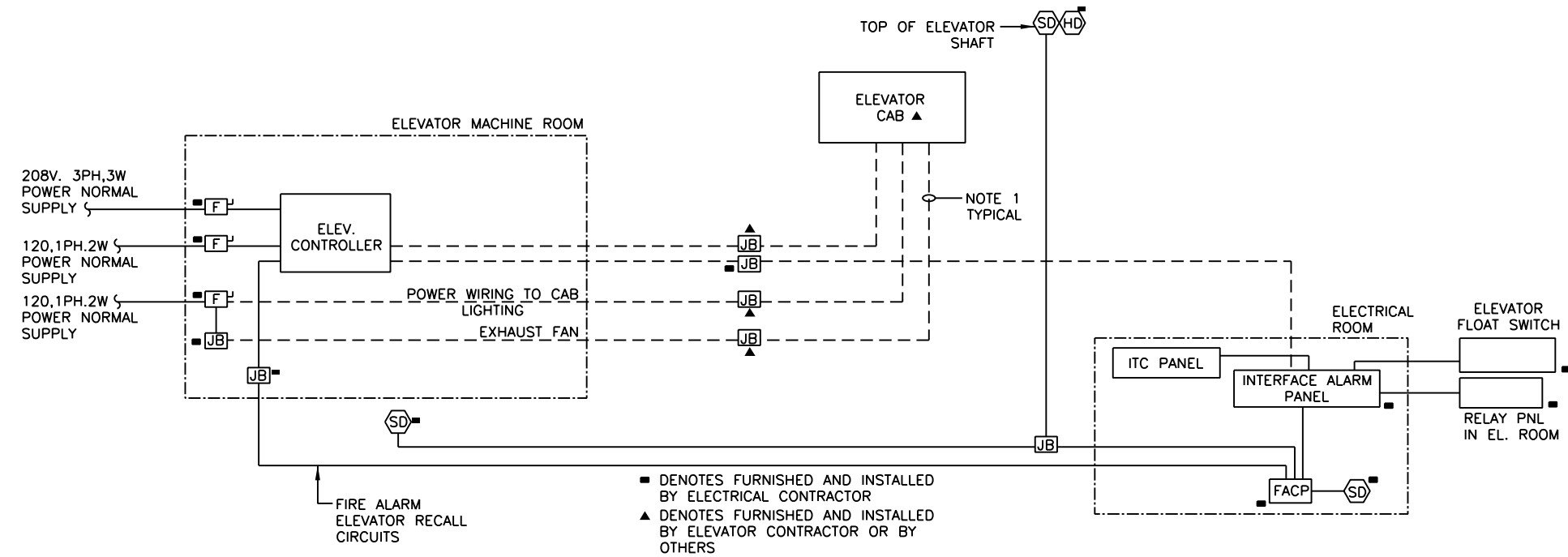
4 ELECTRICAL ROOM EXHAUST FAN CONTROL DIAGRAM
SCALE N/A

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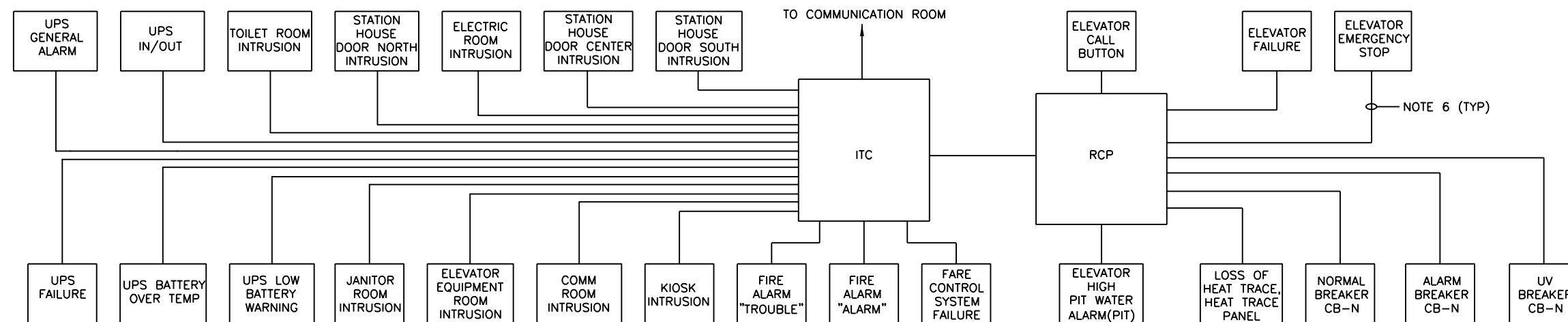
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	288
CONTRACT NO. 60W29				
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NOTES:

1. ALL CONDUITS AND WIRING SHOWN WITH "DASHED" LINES WILL BE DESIGNED, FURNISHED AND INSTALLED BY ELEVATOR CONTRACTOR.
2. CONTRACTOR IS TO FURNISH AND INSTALL ALL OTHER CONDUITS AND WIRING.
3. THE CONDUITS, ELECTRICAL ENCLOSURES, AND ALL OTHER ELECTRICAL COMPONENTS ARE TO BE ELECTRICALLY ISOLATED FROM EARTH GROUND.
4. FOR FEEDER AND CONDUIT SCHEDULES SEE OTHER PLANS AND DETAILS.
5. ELEVATOR BLOCK DIAGRAM IS TYPICAL FOR ALL ELEVATORS.
6. EACH DEVICE TO BE CONNECTED TO EITHER ITC OR RCP WITH 2-#14 AWG, 1 #14 AWG (G), IN 3/4" GRS CONDUIT.



1 ELEVATOR INTERFACE/RELAY PANELS WIRING BLOCK DIAGRAM
SCALE N/A



2 ITC/RCP PANEL WIRING BLOCK DIAGRAM
SCALE N/A

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DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL BLOCK DIAGRAMS**

SHEET NO.98 OF 117 SHEETS

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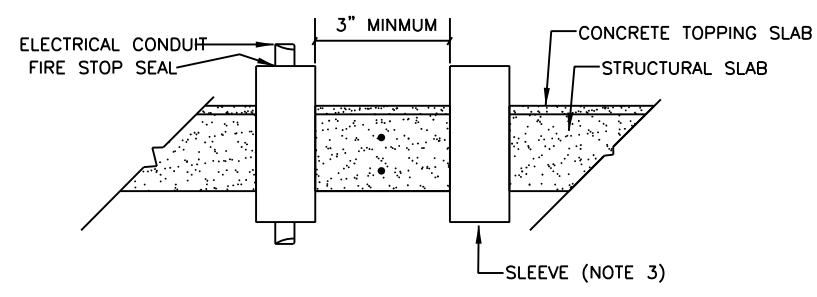
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	289
CONTRACT NO. 60W29				

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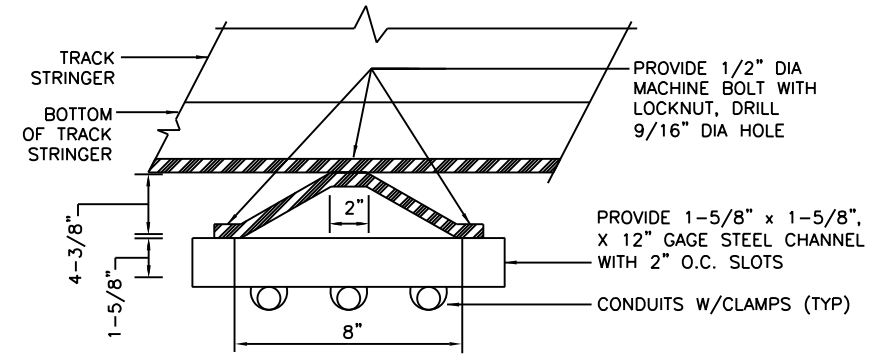
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NOTES:

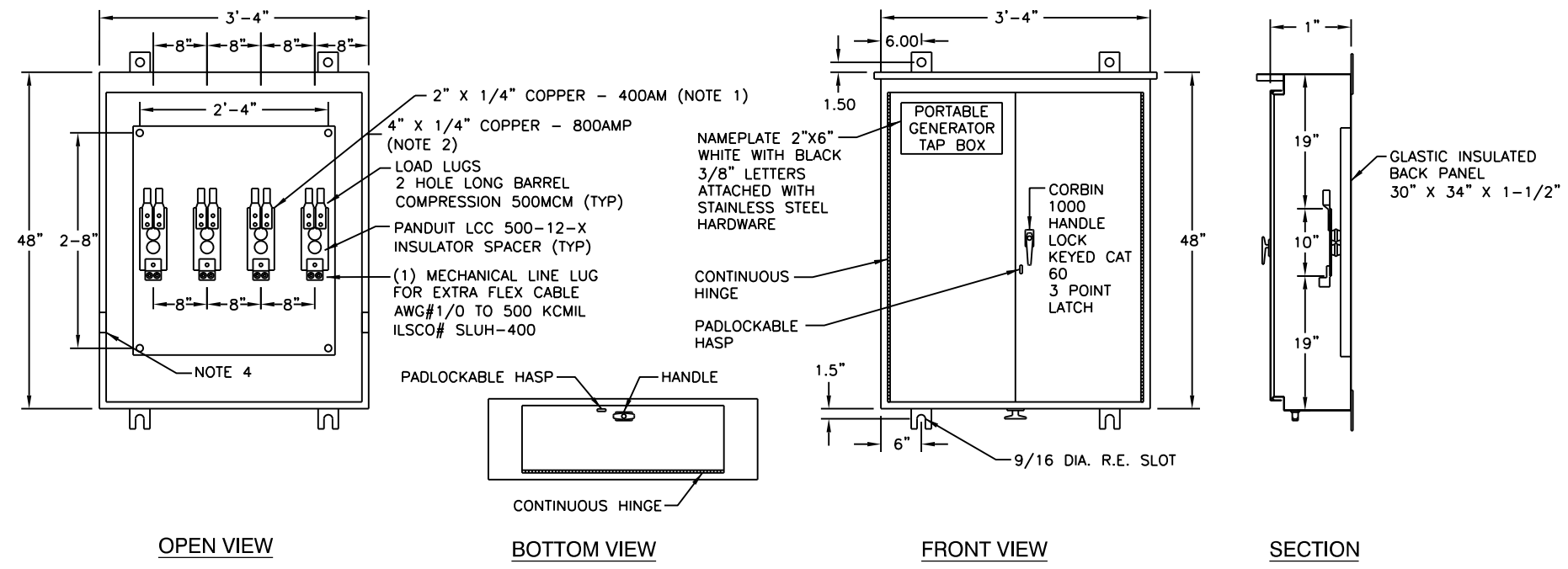
- FOR 400 AMP APPLICATIONS
BUS DETAIL 2" X 1/4" COPPER
(1) SET OF LUGS PER PHASE
- FOR 800 AMP APPLICATIONS
BUS DETAIL 4" X 1/4" COPPER
(2) SETS OF LUGS PER PHASE
- SIZE OF SLEEVE TO BE 1"
LARGER THEN THE SIZE OF
THE INSERTED CONDUIT.
- 1/4" X 2" SILVER PLATED COPPER
GROUND BUS BONDED TO ENCLOSURE
WITH (1) 2 HOLE LONG BARREL
COMPRESSION LUG #1/0 AWG
PANDUIT #LCC 1/0 MECHANICAL
LINE LUG FOR EXTRA FLEX CABLE #6
AWG TO ONE 250KCML ILSCO
#SLUH-225



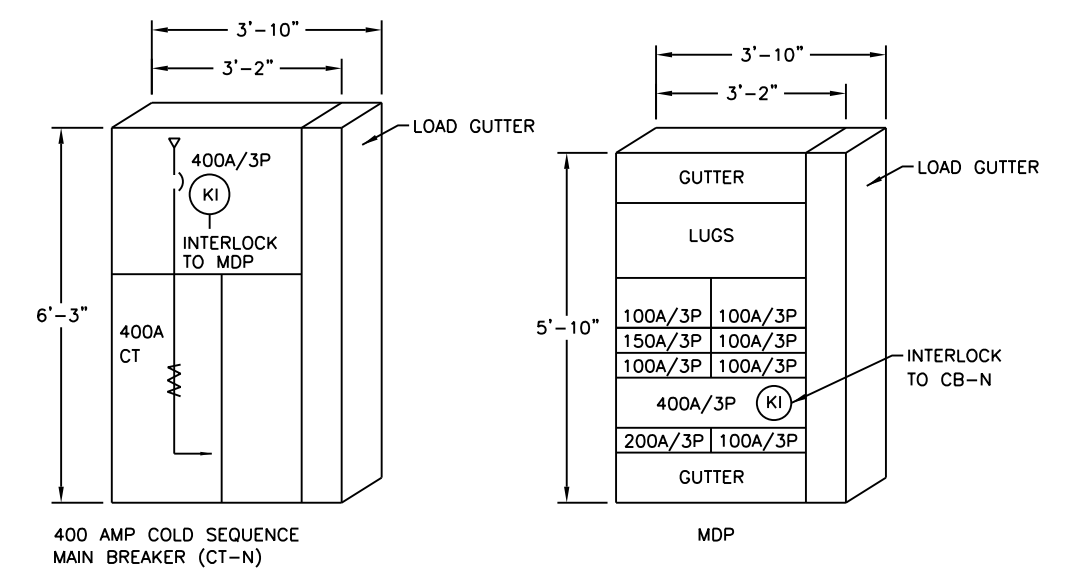
1 TYPICAL SLEEVES INSTALLATION
SCALE: NTS



2 CONDUITS CROSSING GIRDER
SCALE: NTS



3 PORTABLE GENERATOR TAP BOX
SCALE: 1"=1'-0"



4 CT-N AND MDP ELEVATIONS
SCALE: NTS

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PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
ELECTRICAL DETAILS**

SHEET NO.99 OF 117 SHEETS

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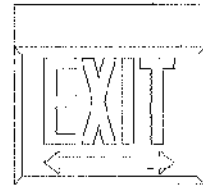
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	290
CONTRACT NO.			60W29	

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8/23/13 1:38 PM 250-60W29.dgn

CHICAGO FLUORESCENT EXITS

ECXP



SERIES FEATURES

120 VAC Operation Standard
 Maximum Input Rating:
 (120 VAC) 25 Watts Standard
 Energy Saving Compact Fluorescent
 (2) 120 VAC, 7 Watt Lamps
 Open Face Glass Panel
 Silk Screen Letters
 Ceiling, End or Back Mount
 Canopy
 Framing
 White Powder-coat Finish
 15 GA Stainless Steel Housing [SS]
 Ramp steel [DMP]
 Silicone Gasketing [SG]
 UL224 Listed
 Chicago Code Approved

ADDITIONAL EMERGENCY UNIT FEATURES

Integrated Solid State System
 Multi-Rate, Controlled, Automatic Charger
 No Manual Battery Recycling
 Brownout Sensitivity
 Low Voltage Battery Cutoff
 Lock Out (Automatic Battery Connect)
 Single Voltage Transformer for
 120 VAC Operation
 Maximum Input Rating
 (120 or 277 VAC) 25 Watts
 (2) 6 VDC, 8 Watt Long Life, non-flicker Lamp
 Sealed Lead Calcium Battery
 3 Volt Operation
 Maintenance Free
 Test Switch
 Red (Power On) LCD Indicator

2ECXP2RWW-SS-DMP-SG

BIG BEAM Emergency Systems Inc.
 299 E. Prairie Street
 PO Box 412
 Crystal Lake, IL 60133-0512 USA
 Sales: (815) 499-3143 / Fax: (815) 499-3128
 www.kigbeam.com



LOAD CALCULATION FOR BUILDING SERVICE (NORMAL SERVICE)				
Prepared By:	AAA ENGINEERING 5940 W. TOUHY AVE. SUITE 210 NILES, ILLINOIS 60714			
Building Description	CTA ELEVATED STATION AT 430 S PEORIA STREET			
Available Fault Current	65KIC @ 208V			
Type of Electrical Service:	208V, 3 PHASE, 3 WIRE UNGROUNDED			
Size of Service Entrance Conductors	SEE DRAWINGS			
Size of Grounding Electrode:	SEE DRAWINGS			
Size of O.C.P.	400A/3P			
GENERAL LIGHTING LOAD CALCULATION:				
	Sq-Ft/Unit	Units	VA/SF	Sub Totals
General Lighting Load:				
Lighting Load	3000	1	4	12,000.00 VA
				VA
			Total VA	12,000.00 VA
SECTION 1				
GENERAL LIGHTING LOAD DEMAND FACTOR:				
ALL AT 100%			Total VA	12,000.00 VA
SECTION 2				
STATION LOAD:				
	Units/Quantity	VA	Demand Fact	Sub Totals
ELEVATOR	1	15000	0.95	14,250.00 VA
H-1	1	3000	1	3,000.00 VA
H-2	1	5000	1	5,000.00 VA
H-3	1	3000	1	3,000.00 VA
H-4	1	5000	1	5,000.00 VA
H-1 (PLATF)	3	3200	1	9,600.00 VA
H-2 (STATION)	6	3200	1	19,200.00 VA
EXHAUST FANS & LOUVERS	1	8000	1	8,000.00 VA
HEAT TRACING	8	1800	1	14,400.00 VA
REVENUE EQUIPMENT	1	5000	1	5,000.00 VA
COMMUNICATION EQUIP	1	5000	1	5,000.00 VA
WATER HEATER (WH)	1	8300	1	8,300.00 VA
SUMP PUMPS	1	1200	1	1,200.00 VA
Since Heating overall building is larger load we do not take into account Cooling loads				
			Total VA	100,950.00 VA
SECTION 3				
25% Continuous Load (Lighting)		12,000.00	0.25	3,000.00 VA
25% of Largest Motor (Elevator)		15000	0.25	3,750.00 VA
			Total VA	6,750.00 VA
Total From Section 1 12,000.00 VA				
Total From Section 2 100,950.00 VA				
Total From Section 3 6,750.00 VA				
TOTAL VA 119,700.00				
On a 120/208V, 3 phase, 4 Wire System				
TOTAL AMPS 332.26				



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
 CITY LOAD CALCS AND EXIT LTG CATALOG CUT

SHEET NO. 100 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	291
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

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ABBREVIATIONS

2W FXO	2 WIRE FOREIGN EXCHANGE OFFICE
2W FXS	2 WIRE FOREIGN EXCHANGE SUBSCRIBER
4W E&M	4 WIRE E&M
ADA	AMERICANS WITH DISABILITIES ACT
AWG	AMERICAN WIRE GAUGE
AT&T	AMERICAN TELEPHONE & TELEGRAPH
A	AMPERE
AH	AMPERE HOUR
AUX.	AUXILIARY
BT.	BENT
CAB.	CABINET
CA.	CABLE
CTR	CENTER
C/L	CENTER LINE
CU PBX	CENTRAL UNIT PBX
CB	CHANNEL BANK
CTA	CHICAGO TRANSIT AUTHORITY
CIRC.	CIRCUIT
C.	CONDUIT
CONT.	CONTINUOUS, CONTROLLER
CC	CONTROL CENTER
CU.	COPPER
CA	CUSTOMER ASSISTANT
CAS	CUSTOMER ASSISTANCE STATION
DPP	DATA PATCH PANEL
D.E.	DEAD END
DIA	DIAMETER
DACS	DIGITAL ACCESS AND CROSSCONNECT SWITCH
DSX - 1	DIGITAL SIGNAL CROSSCONNECT PANEL FOR DS - 1 SWITCH
DS - 0	DIGITAL SIGNAL RATE 0 (64 Kbps)
DS - 1	DIGITAL SIGNAL RATE 1 (1.544 Mbps)
DIM.	DIMENSION
DC	DIRECT CURRENT
DWG	DRAWING
EA	EACH
EQ	EQUIPMENT
FDF	FIBER DISTRIBUTION FRAME
FDP	FIBER DISTRIBUTION PANEL
FO	FIBER OPTIC
FID	FIBER OPTIC CABLE IN INNERDUCT
FOCS	FIBER OPTIC COMMUNICATION SYSTEM
FSE	FIBER SLACK ENCLOSURE
FRE	FIBERGLASS EPOXY CONDUIT
FIN. FL.	FINISHED FLOOR
FTG	FITTING
FL, FLR	FLOOR
GALV	GALVANIZED
GRS	GALVANIZED RIGID STEEL
GRD	GROUND
HTR	HEATER
IB	INBOUND
J.B.	JUNCTION BOX
LK, LAK	LAKE
LTG	LIGHTING
L	LONG

CABLE LEGEND

- A. CAT 6 4PR#22 AWG UTP
- B. CAT 6 4PR#22 AWG & 1PR#18 AWG
- C. 1PR#16 AWG SHIELDED
- D. 3PR#22 AWG IND. SHIELDED
- E. 1PR#18 AWG
- F. 2 STRAND MULTIMODE OPTICAL CABLE
- G. 6 STRAND MULTIMODE OPTICAL CABLE
- H. MANHATTAN 2PR#18 AWG CABLE
- J. CAT 6 4PR F/UTP
- K. 50 PR#22 AWG CAT3

NOTE: NUMBER PRECEDING LETTER CHARACTER INDICATES QUANTITY OF CABLES.

ABBREVIATIONS (CONTINUED)

MFD	MAIN DISTRIBUTION FRAME
M.H.	MANHOLE
MFCR	MANUFACTURER
MAX.	MAXIMUM
MB	MEASURED BUSINESS TELEPHONE LINE SERVICE
MIC.	MICROPHONE
MTD	MOUNTED
NES	NODAL EQUIPMENT SHELTER
N.I.C.	NOT IN CONTRACT
NOM.	NOMINAL
N.B.	NORTH BOUND
N.T.S.	NOT TO SCALE
OCU/DP	OFFICE CHANNEL UNIT/DATA PROCESSOR
OC - 1	OPTICAL CARRIER RATE 1 (51 Mbps)
OC - 3	OPTICAL CARRIER RATE 3 (155 Mbps)
OB	OUTBOUND
PR	PAIR
PNL	PANEL
PTE	PATCH TO EQUIPMENT
P	PRIMARY
PBX	PRIVATE BRANCH EXCHANGE
PA	PUBLIC ACCESS
RASC	READY ACCESS SPLICE CLOSURE (COPPER)
RX	RECEIVER
RH	RELAY HOUSE
RTU	REMOTE TERMINAL UNIT
RD TEL	RINGDOWN TELEPHONE
RM	ROOM
S	SECONDARY
SHT. NO.	SHEET NUMBER
SHF	SHOP
S.B.	SOUTH BOUND
SU PBX	SOUTH UNIT PBX
SC	SPLICE CABINET
STD.	STANDARD
STA.	STATION
SS	SUBSTATION, STAINLESS STEEL
SCADA	SUPERVISORY CONTROL AND DATA ACQUISITION
SM	SINGLE MODE
SONET	SYNCHRONOUS OPTICAL NETWORK
TTY	TELEPHONE - TYPEWRITER
T	TELEPHONE
TEL	TELEPHONE INSTRUMENT
TTC	TELEPHONE TERMINAL CABINET
TB	TERMINAL BLOCK
TIP	TERMINATE IN PANEL
TO	TRANSMIT ONLY
TRANS	TRANSPORTATION
TRK.	TRACK
TX	TRANSMITTER
TWP	TWISTED WIRE PAIR
TYP.	TYPICAL
VMS	VARIABLE MESSAGE SIGN - PA ADA VISUAL SIGN
V	VOLT
VAC	VOLTS ALTERNATING CURRENT
VDC	VOLTS DIRECT CURRENT
W	WATT
W/	WITH

CONDUIT LEGEND

- (A) 3/4" GRS
- (B) 1" GRS
- (C) 1-1/2" GRS
- (D) 2" GRS
- (E) 1-1/2" POLYDUCT
- (F) 2" POLYDUCT

PLAN SYMBOLS

	TELEPHONE - CTA PBX SYSTEM
	PUBLIC PAY TELEPHONE
	VOICE/DATA JACK
	ELEVATOR CAB CALL PHONE
	DOOR CONTACT
	ELEVATOR HALL CALL PHONE
	PA AMPLIFIER & CONTROL EQUIPMENT
	MICROPHONE (AUDIO/VISUAL CONSOLE)
	MICROPHONE
	CUSTOMER ASSISTANCE PUSHBUTTON
	PASSENGER INFORMATION DISPLAY
	MONITOR
	EXPRESS VENDING MACHINE
	TICKET CARD VENDING MACHINE
	NEW CAMERA, # INDICATES CAMERA NUMBER
	EXISTING CAMERA, # INDICATES CAMERA NUMBER
	CAMERA WITH PAN TILT ZOOM, # INDICATES CAMERA NUMBER
	PA SPEAKER - TYPE I
	RECESSED HOUSING WITH CONE SPEAKER - TYPE II
	SURFACE MOUNTED HOUSING WITH CONE SPEAKER - TYPE II
	JUNCTION BOX
	DATA TRANSMISSION SYSTEM REMOTE TERMINAL UNIT
	EXPOSED CONDUIT OR CABLE
	BURIED OR CONCEALED CONDUIT IN FLOOR OR GROUND
	BURIED OR CONCEALED CONDUIT IN CEILING OR WALLS.
	CONDUIT OR CABLE TURNING AWAY OR DOWN
	CONDUIT OR CABLE TURNING UPWARD
	CONDUIT CAPPED OR CABLE DEAD END
	FIBER SLACK ENCLOSURE
	SIGNAL JUNCTION BOX
	PULL BOX
	MANHOLE
	STATIONING OR STATION CHAINING
	TWISTED PAIR
	DIAMETER

PLAN SYMBOLS (CONTINUED)

	AMBIENT NOISE SENSOR
	WIRELESS ACCESS POINT WITH DIRECTIONAL ANTENNA
	WIRELESS ACCESS POINT WITH OMNI ANTENNA
	DYNAMIC MESSAGE SIGN
	COMMUNICATION HUB
	HELP POINT TELEPHONE
	BLUE LIGHT
	TELEPHONE
	INFORMATION TOUCH SCREEN SIGN
	SECURITY VIDEO TERMINAL
	INTERFACE TERMINAL CABINET
	INTERMEDIATE DISTRIBUTION FRAME
	DIGITAL ADVERTISING SIGN
	INTRUSION DETECTION SENSOR
	CONDUIT TAG, REFER TO CONDUIT LEGEND ON THIS SHEET FOR CONDUIT SIZE AND DESCRIPTION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
COMMUNICATION SYMBOLS, CONDUIT
AND CABLE LEGENDS AND ABBREVIATIONS

SHEET NO. 101 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	292
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

1. ALL CONDUIT AND CABLE PLACEMENT SHOWN ON THE CONTRACT DRAWINGS IS CONDUIT AND SCHEMATIC ONLY. THE CONTRACTOR IS TO MAKE APPROPRIATE ADJUSTMENTS TO CLEAR OBSTRUCTIONS IN THE PATH.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND IDENTIFY ALL EXISTING CONDUITS, CABLES AND UTILITIES BEFORE COMMENCEMENT OF CONSTRUCTION.
3. THERE IS NO MID SPAN SPLICING OF THE FIBER OPTIC CABLE. ALL CABLE RUNS ARE TO BE CONTINUOUS BETWEEN STATIONS UNLESS DIRECTED OTHERWISE BY THE COMMISSIONER.
4. SHOULD THERE BE ANY EXISTING EQUIPMENT THE CONTRACTOR IS TO REMOVE, THE EXISTING COPPER CABLE AND TELEPHONE JUNCTION BOXES AFTER CUT-OVER TO THE NEW CABLES.
5. THE CONTRACTOR IS TO REQUEST IN WRITING TO CTA ANY AND ALL SERVICE INTERRUPTIONS.
6. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE PUBLIC ADDRESS (PA) SYSTEM REMAINS OPERATIONAL 24 HOURS DAILY. EXCEPTION MAY OCCUR WHEN THE CONSTRUCTION SITE IS CLOSED. ANY INTERRUPTION OF PA SERVICE IS TO BE COORDINATED WITH THE CTA. THE CONTRACTOR IS TO PROVIDE A WRITTEN NOTICE REQUEST FOR APPROVAL TO THE CTA 10 DAYS IN ADVANCE FOR ANY COMMUNICATION SHUTDOWN OR CUT-OVER PRIOR TO INTERRUPTION OF SERVICE.
7. THE CONTRACTOR IS TO WORK WITH CTA DESIGNATED REPRESENTATIVE TO IDENTIFY EQUIPMENT TO BE REMOVED, BEFORE ACTUAL REMOVAL OF SUCH EQUIPMENT. REMOVED DEVICES ARE TO BE INVENTORIED AND RETURNED TO THE CTA STORAGE FACILITY.
8. IF DURING THE COURSE OF THE CONTRACT WORK, IT IS NECESSARY TO RELOCATE EXISTING FIBER AND/OR COPPER CABLES, THE CONTRACTOR IS TO PROTECT SUCH CABLES AND KEEP THEM OPERATIONAL DURING CONSTRUCTION.
9. FOR FIBER CONNECTORS INSTALLED UNDER THIS CONTRACT, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE OPERATIONAL OPTICAL LINKS AS REQUIRED TO TRANSPORT SIGNALS TO THE CTA'S CENTRAL CORE NODES. THE COMPLETE LINK, INCLUDING PORTIONS OF EXISTING CABLE IS TO BE MEASURED AND TESTED FOR OPTICAL PERFORMANCE AND LOSS BY CONTRACTOR. SUCH OPTICAL TIME-DOMAIN REFLECTOMETER (OTDR) TESTS WILL BE WITNESSED BY CTA DESIGNATED REPRESENTATIVE AND TEST RECORDS ARE TO BE SUBMITTED TO CTA FOR THE RECORD. IF FIBER FAILS THE OTDR TEST, CONTRACTOR IS TO PROVIDE NEW FIBER OPTIC CABLE AS NECESSARY AND RETEST UNTIL ALL FIBER CABLES PASS THE TEST SUCCESSFULLY AT NO ADDITIONAL COST TO THE CTA. ALL LINKS NEED TO PASS THE NECESSARY TESTS.
10. THE CCTV CONDUIT PLAN IS A SCHEMATIC REPRESENTATION OF THE CONDUIT LAYOUT IN THE PLATFORM AND STATION. THE CONTRACTOR IS TO FIELD VERIFY ALL SPECIFIC CAMERA LOCATIONS, HEIGHT OF IP CAMERA AND HAVE IT APPROVED BY THE CTA DESIGNATED REPRESENTATIVE. ORIENTATION OF EVERY CAMERA IS TO BE ADJUSTED UNTIL CAMERA VISUAL COVERAGE IS ACCEPTABLE TO CTA AUTHORITIES. CONTRACTOR IS TO COORDINATE WITH THE COMMISSIONER THE FINAL FIELD OF VIEW POSITIONS FOR EACH CAMERA. A SNAPSHOT OF THE FINAL FIELD OF VIEW IS TO BE PROVIDED BY CONTRACTOR AS PART OF THE AS-BUILT RECORDS.
11. FINAL CAMERA CONDUIT INFRASTRUCTURE INSTALLATION DETAILS ARE TO BE PROVIDED BY THE CONTRACTOR. ALL CAT6 CABLE TERMINATIONS INSIDE HUB AND AT PATCH PANELS (e.g. CISCO 3000 SWITCH) ARE TO BE LABELED BY THE CONTRACTOR.
12. CONTRACTOR TO ENSURE ALL CAMERA HEATER CIRCUITS ARE POWERED UP FROM HUB/POWER SUPPLY.
13. CONTRACTOR IS NOT TO INTRODUCE ANY NEW SPLICES IN ANY EXISTING COMMUNICATION CABLES. IF DURING THE COURSE OF WORK, THE CONTRACTOR DAMAGES ANY EXISTING FIBER OPTIC CABLE, THE CONTRACTOR IS TO REPLACE IN KIND WITH NEW FIBER OPTIC CABLE AT NO ADDITIONAL COSTS TO CTA.
14. WHERE THE CONTRACTOR IS TO BE USING EXISTING CABLE AND SUCH CABLE IS OBSERVED TO NOT HAVE SUFFICIENT SLACK, THE CONTRACTOR IS TO PROVIDE AND INSTALL NEW CABLE FOR THAT SECTION WHEN NECESSARY SLACK IS REQUIRED.
15. COORDINATE PROPOSED CONDUIT RUNS WITH EXISTING CONDUITS, RISERS RACEWAYS WHERE POSSIBLE. ALL CONDUITS ARE TO BE CONCEALED, AS MUCH AS POSSIBLE. ENSURE ALL JUNCTION BOXES ARE SIZED PER CODE AND CONDUIT FILL RATE IS NOT TO EXCEED 40 PERCENT.
16. ALL EXISTING PAINTED SURFACES DAMAGED OR PATCHED UNDER THIS PROJECT ARE TO BE PAINTED TO MATCH EXISTING ADJACENT COLOR, TEXTURE AND FINISH. EXISTING PAINT, COLOR, TEXTURE AND FINISH IS TO BE VERIFIED BY CONTRACTOR IN FIELD AND APPROVED BY THE COMMISSIONER AFTER CONSTRUCTION IS COMPLETED.
17. DURING THE COURSE OF THE CONTRACT WORK, THE CONTRACTOR IS TO ADOPT ALL MEASURES TO PROTECT EXISTING FACILITY, ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL IN AND AROUND THE AREA OF WORK. IF DUE TO NEGLIGENCE ANY OF THE ABOVE FEATURES ARE DAMAGED, THE CONTRACTOR IS TO REPLACE IN KIND AT NO ADDITIONAL COST TO CTA.
18. THE CONTRACTOR IS TO BE RESPONSIBLE FOR INSPECTING ALL EQUIPMENT WHEN IT ARRIVES ON SITE. ANY DAMAGED EQUIPMENT IS TO BE REJECTED AND THE CONTRACTOR IS TO RETURN DAMAGED EQUIPMENT TO CTA AND ARRANGE REPLACEMENT OF SAME WITH NEW EQUIPMENT TO BE DELIVERED TO SITE FOR INSTALLATION BY THE CONTRACTOR WITHIN PROJECT TIME SCHEDULE.
19. AT THE COMPLETION OF THE CONTRACT, THE CONTRACTOR IS TO PERFORM A SITE INSPECTION TO VERIFY THAT ALL EQUIPMENT SUPPLIED IS IN OPERABLE CONDITION AND NO PHYSICAL DAMAGES ARE OBSERVED. ANY PIECE OF EQUIPMENT DEEMED INOPERABLE IS TO BE MADE OPERABLE BY THE CONTRACTOR AND VERIFIED BY CTA REPRESENTATIVE PRIOR TO RELEASE OF RETENTION FUNDS.
20. THE CONTRACTOR IS TO PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF CHICAGO ELECTRICAL CODE AND NEC.
21. ALL CONDUITS THAT PENETRATE WALL OR ROOF SLABS ARE TO BE INSTALLED IN A MANNER THAT IS TO PRESERVE FIRE RESISTIVE STRUCTURE INTEGRITY AND WATER TIGHT FEATURE OF ROOF/SLAB WALL. FIRESTOP ALL WALL/ROOF SLAB PENETRATIONS TO MATCH ORIGINAL HOURLY RATING OF WALL/ROOF SLAB WHERE SUCH PENETRATIONS OCCUR.
22. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR QUALITY CONTROL, INCLUDING CONSTRUCTION MEANS, METHODS, TECHNIQUES AND SEQUENCE PHASING, PROCEDURES AND SAFETY PRECAUTIONS FOR WORKERS AND PUBLIC DURING COURSE OF HIS PROJECT RELATED WORK ACTIVITIES.
23. ALL CAT6 CABLES ARE TO BE TESTED TO TIA/568 B.2 OR LATEST STANDARDS. CABLES ARE TO BE TESTED FOR INSERTION LOSS, NEAR END CROSS TALK, POWER SUM NEAR END CROSS TALK, POWER SUM ATTENUATION TO CROSS TALK RATIO-NEAR END, FAR END CROSS TALK, ATTENUATION TO CROSS TALK RATIO, RETURN LOSS, WIRE MAP, PROPAGATION DELAY, DELAY SKEW AND LENGTH. PASS/FAIL SUBMISSIONS ARE NOT TO BE ACCEPTED, ONLY THE COMPLETE TEST REPORT INDICATING ALL OF THE PARAMETERS IS TO BE ACCEPTED BY CTA. CONTRACTOR IS TO SUBMIT A ELECTRONIC VERSION ON CD TO CTA DESIGNER OF RECORD FOR REVIEW. ALL CABLES ARE TO PASS AND CONTRACTOR AT THEIR EXPENSE REPAIR OR REPLACE SUCH CABLE/S THAT FAIL.

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DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
COMMUNICATION GENERAL NOTES**

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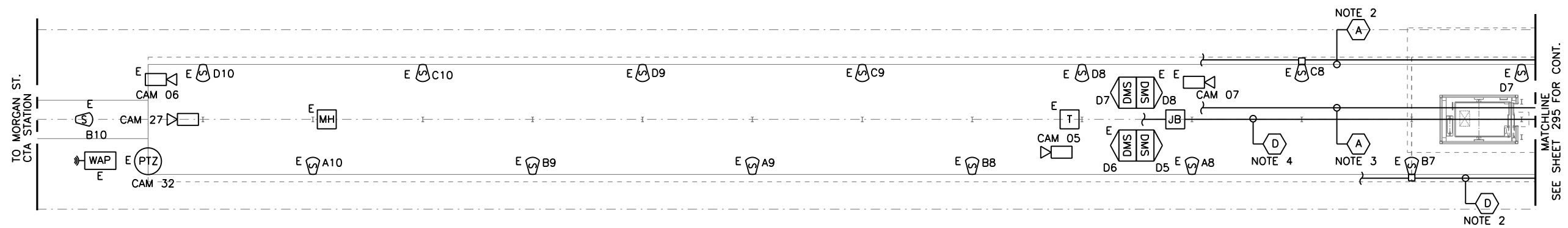
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	293
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

SHEET NO.102 OF 117 SHEETS

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NOTES:

1. SEE SHEET 292 FOR CONDUIT LEGEND.
2. PROTECT EXISTING SPEAKER CONDUIT.
3. RE-ROUTE NS CONDUIT TO NORTH EDGE OF PLATFORM AND REPLACE CABLE PRIOR TO DEMOLITION WORK.
4. RE-ROUTE CONDUIT TO NORTH EDGE OF PLATFORM AND REPLACE ALL CCTV CABLES PRIOR TO DEMOLITION WORK.
5. EXISTING EQUIPMENT TO REMAIN SHOWN FOR INFORMATION ONLY. ACTUAL LOCATION MAY VARY.



1 PLATFORM PLAN
SCALE: 1/8" = 1'-0"



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**PEORIA STREET STATION
COMMUNICATION PLATFORM LEVEL CENTER TO WEST EQUIPMENT PLAN**

SHEET NO. 103 OF 117 SHEETS

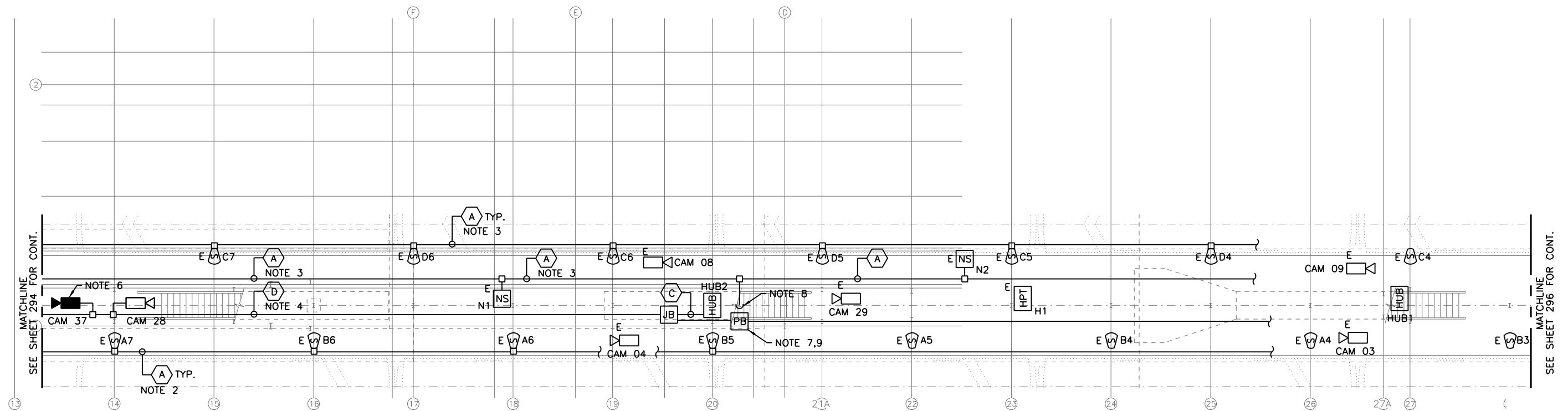
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MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	294
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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NOTES:

1. SEE SHEET 292 FOR CONDUIT LEGEND.
2. PROTECT EXISTING SPEAKER CONDUIT.
3. RE-ROUTE NS CONDUIT TO NORTH EDGE OF PLATFORM AND REPLACE CABLE PRIOR TO DEMOLITION WORK.
4. RE-ROUTE CONDUIT TO NORTH EDGE OF PLATFORM AND REPLACE ALL CCTV CABLES PRIOR TO DEMOLITION.
5. EXISTING EQUIPMENT TO REMAIN SHOWN FOR INFORMATION ONLY. ACTUAL LOCATION MAY VARY.
6. PROVIDE NEW FIXED CCTV CAMERA.
7. EXISTING RISER TO EXISTING COMMUNICATION CLOSET. REMOVE AND ROUTE NEW RISER TO NEW COMMUNICATION ROOM LOCATION AT STATION LEVEL.
8. EXISTING CONDUIT UP TO EXISTING NOISE SENSOR N4 LOCATED MIN PEORIA ST. STATION. NOISE SENSOR N4 IS TO BE RELOCATED. PROVIDE NEW CONDUIT FROM PULL BOX AT PLATFORM TO NEW LOCATION. PROVIDE TEMP CABLE AS REQUIRED.
9. PROVIDE TEMPORARY CONNECTIONS FOR CABLING TO REMAIN.



1 PLATFORM PLAN
SCALE: 1/8" = 1'-0"



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

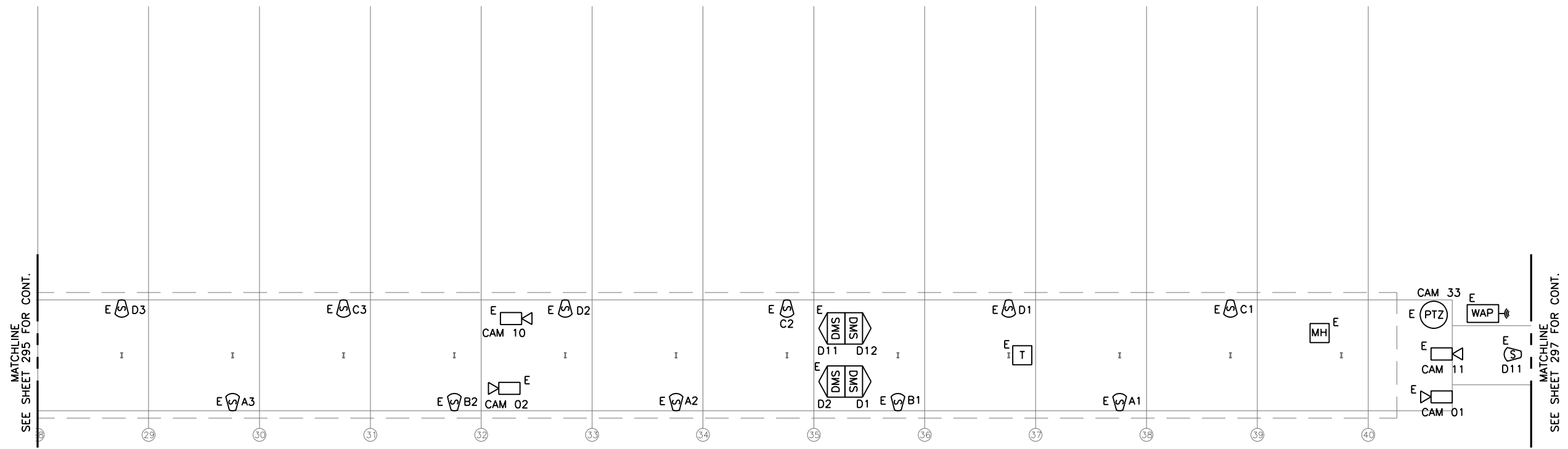
**PEORIA STREET STATION
COMMUNICATION PLATFORM LEVEL CENTER EQUIPMENT PLAN**

SHEET NO. 104 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	295
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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1 PLATFORM PLAN
SCALE: 1/8" = 1'-0"

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DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
COMMUNICATION PLATFORM LEVEL CENTER TO EAST EQUIPMENT PLAN**
SHEET NO. 105 OF 117 SHEETS

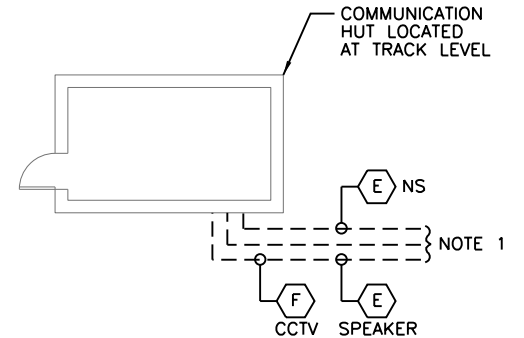
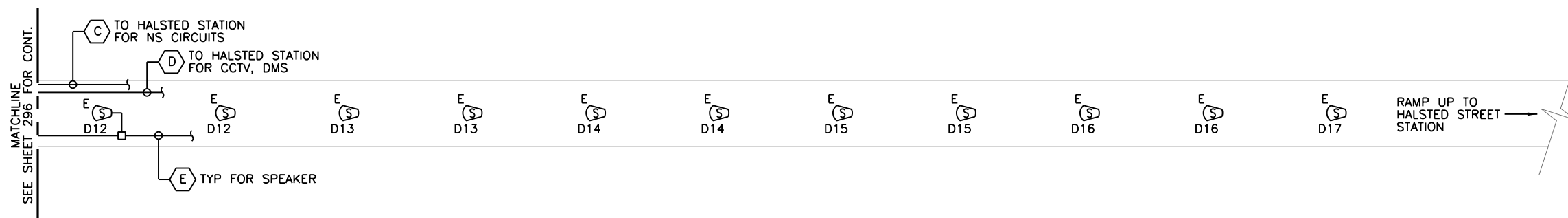
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	296
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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NOTES:

1. EXISTING POLYDUCTS FOR SPEAKER, NS, CCTV, AND DMS CIRCUITS TO HALSTED ST. STATION.
2. SEE SHEET 292 FOR CONDUIT LEGEND.



1 **PLATFORM PLAN**
SCALE: 1/8" = 1'-0"

MATCHLINE FOR CONT.
SEE SHEET 296 FOR CONT.

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DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
COMMUNICATION PLATFORM LEVEL EAST EQUIPMENT PLAN

SHEET NO. 106 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	297
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

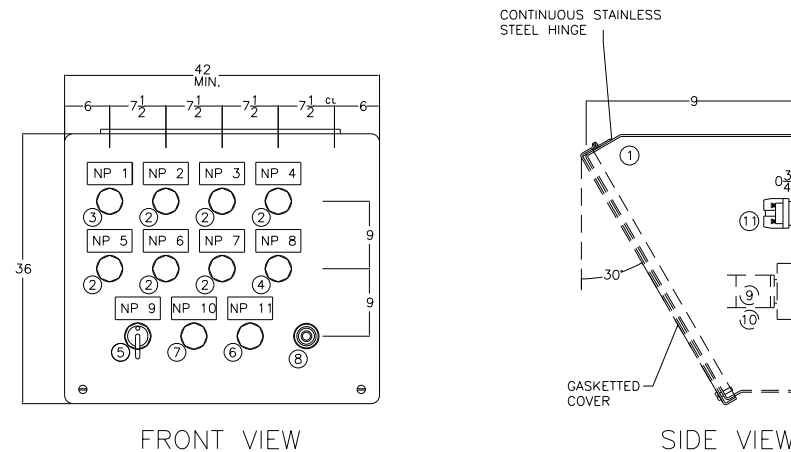
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NAMEPLATES		
NAME PLATE	LINE	ENGRAVING
NP 1	LINE 1	CONTROL POWER AVAILABLE
	LINE 2	SERVICE 1 FAILURE
NP 2	LINE 1	FIRE ALARM TROUBLE
	LINE 2	FIRE ALARM
NP 3	LINE 1	ELEVATOR PIT HIGH WATER
	LINE 2	INTRUSION
NP 4	LINE 1	-
	LINE 2	-
NP 5	LINE 1	COMMON ALARM
	LINE 2	ON OFF DUTY DUTY
NP 6	LINE 1	ALARM
	LINE 2	RESET
NP 7	LINE 1	ALARM
	LINE 2	SILENCE

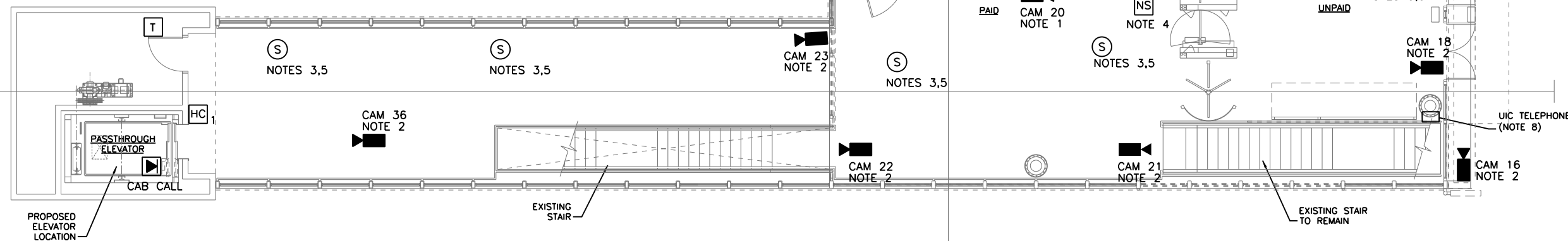
NAMEPLATES 1" X 2" WHITE WITH BLACK 1/8" LETTERS ATTACHED WITH STAINLESS STEEL HARDWARE

BILL OF MATERIAL				
ITEM NO.	QTY.	MANUFACTURER	CATALOG NUMBER	DESCRIPTION
1	1	ILLINOIS SWITCHBOARD	BY DESCRIPTION	GASKETTED CONSOLE STYLE ENCLOSURE SIMILAR TO HOFFMANN C-12C16 EXCEPT MADE FROM 304 STAINLESS STEEL BRUSH FINISH
2	6	EATON	10250T297LRP2A	FULL VOLTAGE PUSH TO TEST INDICATING LIGHT WITH RED LENS AND RED LED
3	1	EATON	10250T297LGP2A	FULL VOLTAGE PUSH TO TEST INDICATING LIGHT WITH GREEN LENS AND GREEN LED
4	1	EATON	10250T297LAP2A	FULL VOLTAGE PUSH TO TEST INDICATING LIGHT WITH AMBER LENS AND AMBER PUSH TO TEST
5	1	EATON	10250T3011	BLACK LEVER OPERATED 2 POSITION SELECTOR SWITCH 1 N.O. CONTACT BLOCK
6	1	EATON	10250T101	BLACK PUSH BUTTON OPERATOR 1 N.O. CONTACT BLOCK
7	1	EATON	10250T53	BLACK PUSHBUTTON OPERATOR 1 N.C. CONTACT BLOCK
8	1	MALLORY	SC110R	SONALERT ALARM BUZZER CONTINUOUS TONE 120V AC 80dB
9	3	SQD	8501NR61	11 PIN SOCKET DIN RAIL MOUNT
10	3	SQD	RUMC3AB2F7	3 PDT RELAY FULL FEATURE 120 VOLT AC COIL
11	3	SQD	RUZC200	RELAY HOLD DOWN CLIP
12	11	USD	NSS3	3 POINT 30 AMP 600 VOLT, SCREW TYPE TERMINAL BLOCK

ALL CONTROL WIRING AWG #14 TYPE SIS ASSEMBLY TO BEAR UL INDUSTRIAL CONTROL LABEL



2 REMOTE KIOSK PANEL
SCALE: NTS



1 COMMUNICATIONS PLAN
SCALE: 3/16" = 1'-0"

- NOTES:**
1. PROVIDE NEW CCTV CAMERAS. REMOVE EXISTING CAMERAS AND HAND OVER TO CTA.
 2. NEW CAMERA, INSTALL AT LOCATION AS SHOWN.
 3. NEW SPEAKER INSTALL AT LOCATION AS SHOWN.
 4. NEW EQUIPMENT. INSTALL AT LOCATION AS SHOWN.
 5. SPEAKER MOUNTED IN FILLER SECTION OF CONTINUOUS LTG. PROVIDE INSULATED BACK BOX. REFER TO LIGHTING PLAN FOR EXACT LOCATION.
 6. EXISTING EQUIPMENT IN RELOCATED POSITION.
 7. PROVIDE WALL FIELD WITH PUNCH DOWN TERMINAL BLOCKS.
 8. PROVIDE 3/4" EMPTY CONDUIT TO COMM. ROOM. SEE ELECTRICAL SITE PLAN FOR ADDITIONAL WORK.

AAA ENGINEERING
W8/DBE CERTIFIED
3940 West Touhy Avenue, Suite 210, Niles, IL 60714
Phone: 847-647-9999 • Fax: 847-647-4719

TranSystems

USER NAME = habib	DESIGNED -	REVISED
	CHECKED -	REVISED
PLOT SCALE = 10:8 "1" / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
COMMUNICATION STATION LEVEL EQUIPMENT PLAN

SHEET NO. 107 OF 117 SHEETS

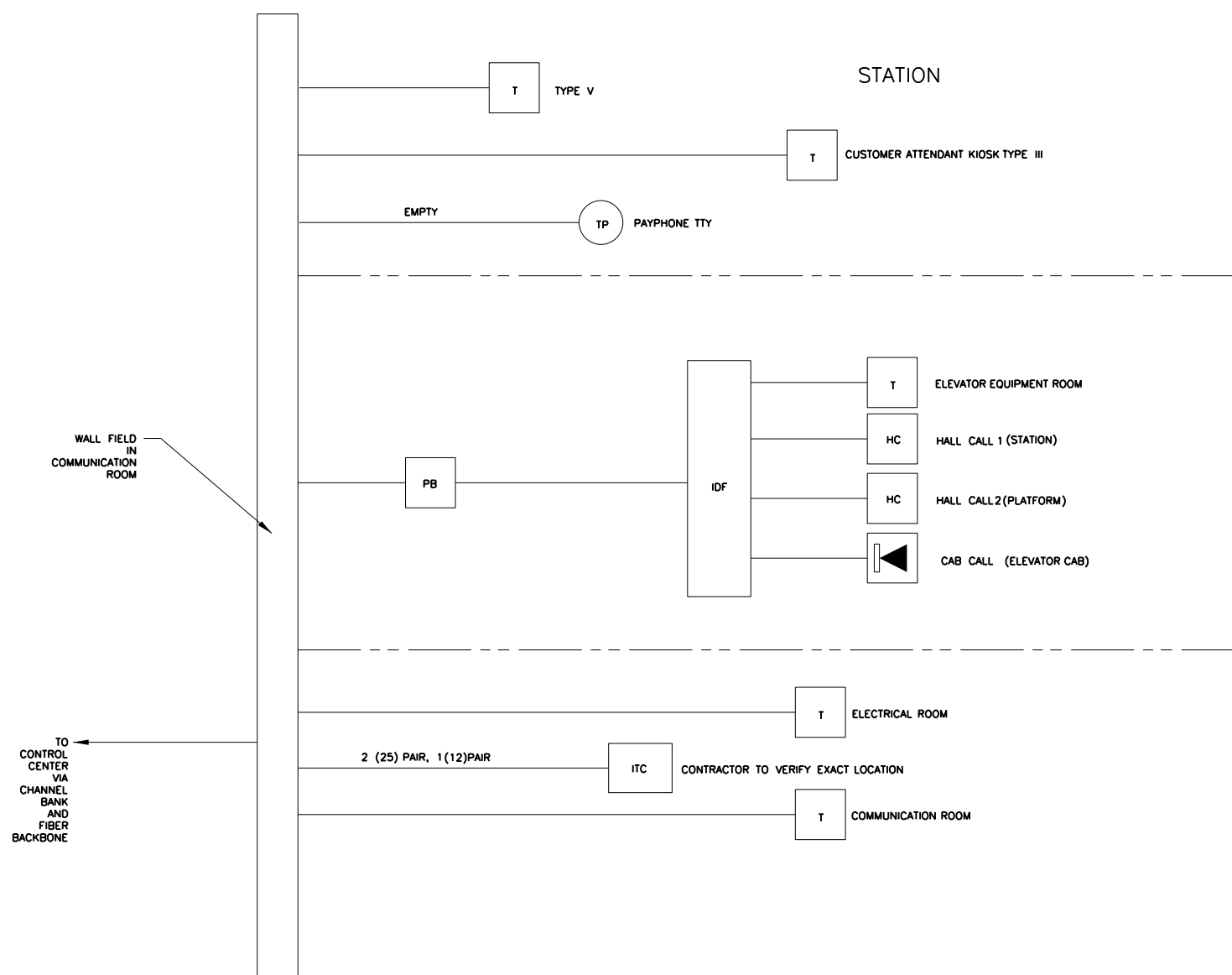
PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	298
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

7:16:44 PM 298-60W29.dgn





5940 West Touhy Avenue, Suite 210, Niles, IL 60714
 Phone: 847-647-9999 • Fax: 847-647-4719



USER NAME = habit	DESIGNED -	REVISED
	CHECKED -	REVISED
PLOT SCALE = 24:0 '1" / 1in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION
 COMMUNICATION TELEPHONE SYSTEM BLOCK DIAGRAM**

SHEET NO.108 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	299
CONTRACT NO.			60W29	

ILLINOIS FED. AID PROJECT

7:19:00 PM 2/9/16 W29.dgn

