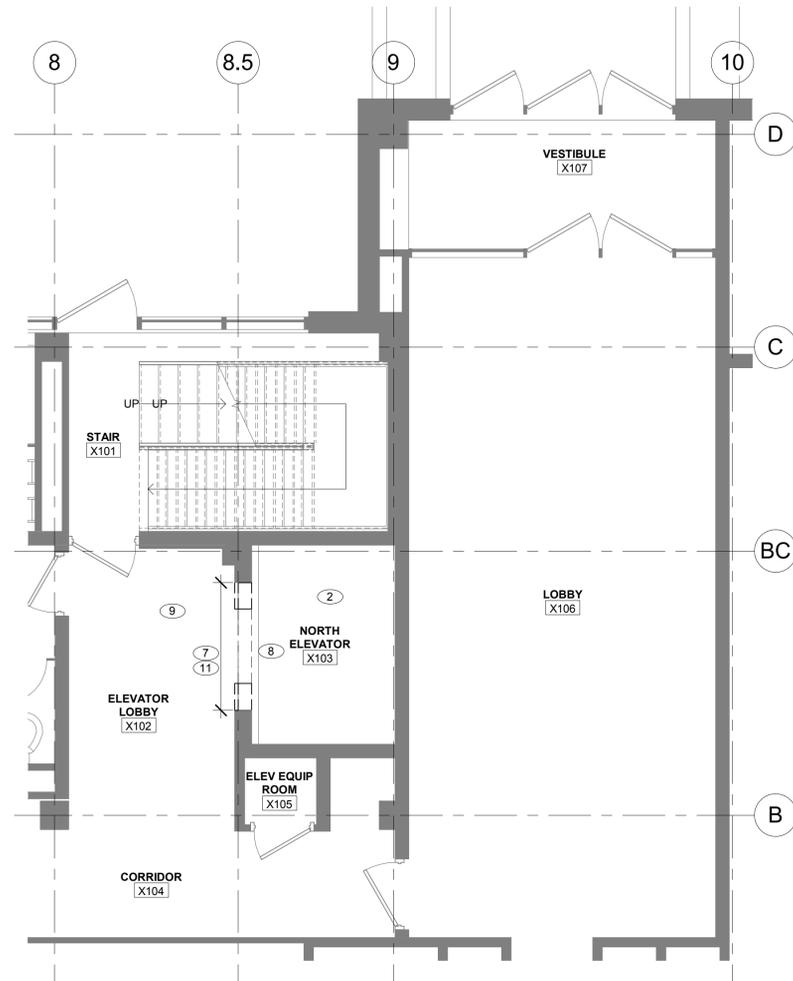
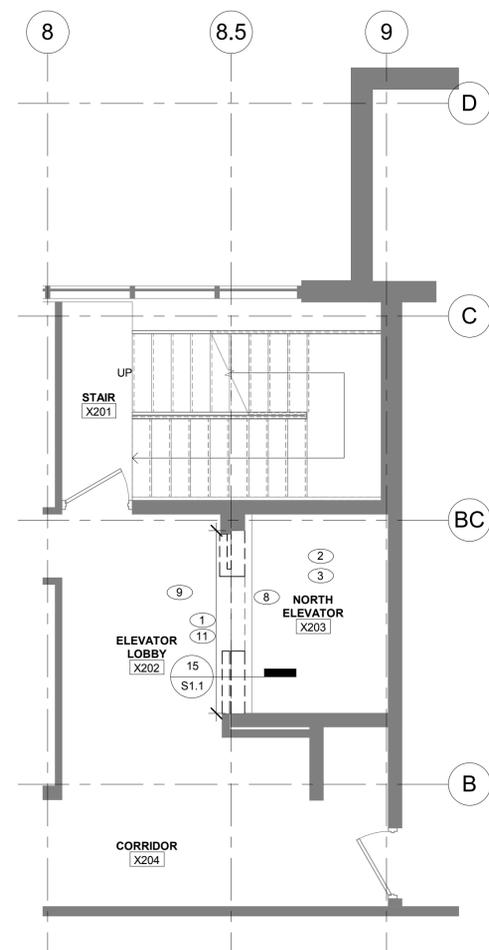


12 BASEMENT DEMO PLAN- NORTH ELEVATOR
1/4" = 1'-0"

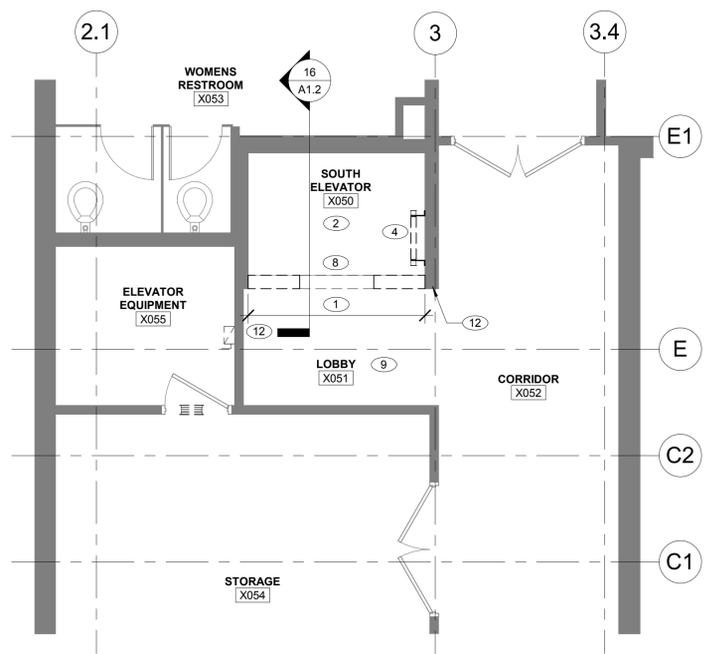


13 FIRST FLOOR DEMO PLAN- NORTH ELEVATOR
1/4" = 1'-0"

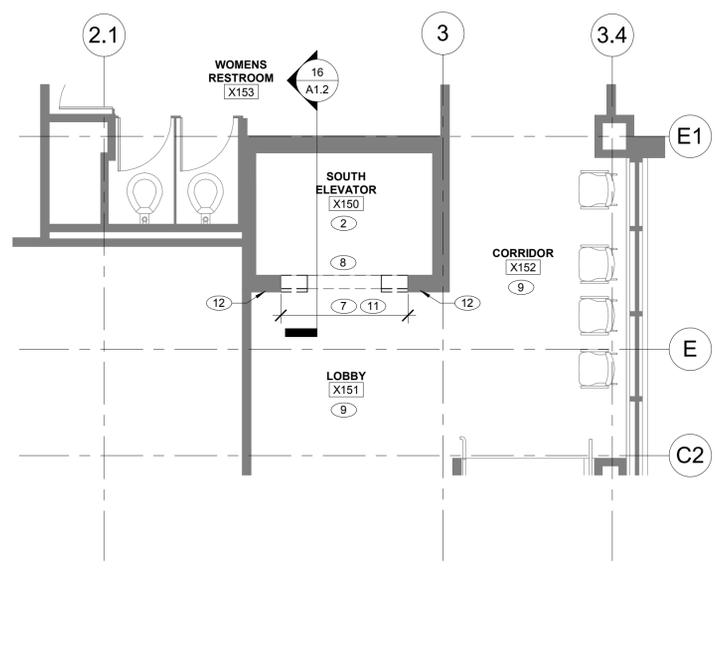


14 SECOND FLOOR DEMO PLAN- NORTH ELEVATOR
1/4" = 1'-0"

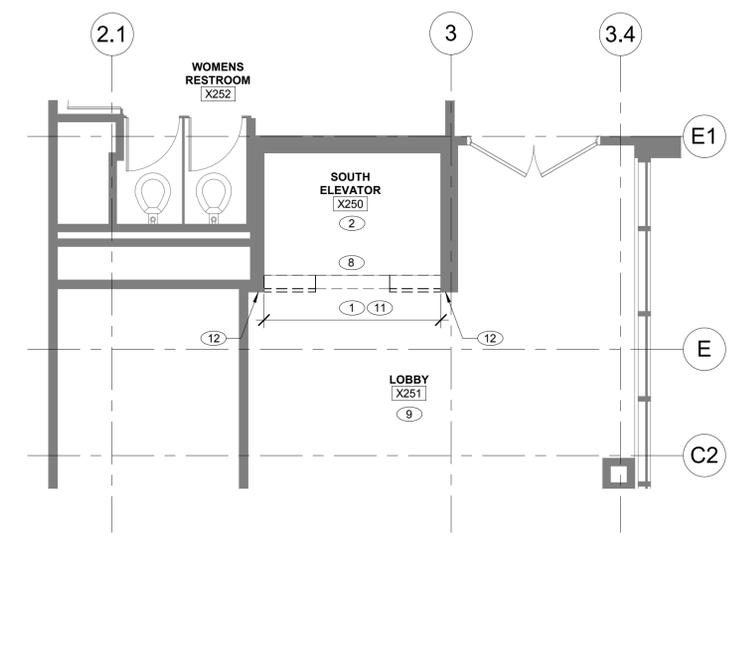
- DEMOLITION NOTES
- 1 REMOVE EXISTING 8" CMU WALL CONSTRUCTION FROM FLOOR TO UNDERSIDE OF CONCRETE BEAM ABOVE.
 - 2 REMOVE EXISTING ELEVATOR AND ALL ASSOCIATED BRACKETS, SUPPORTS, RAILS AND FRAMING.
 - 3 SAWCUT AND REMOVE EXISTING CMU AS REQUIRED FOR NEW STEEL HOIST BEAM, WHICH IS TO BE PROVIDED BY ELEVATOR MANUFACTURER AND INSTALLED BY CONTRACTOR. COORDINATE HEIGHT WITH ELEVATOR MANUFACTURER.
 - 4 REMOVE EXISTING STEEL PIT PADDER AND SUPPORTS OR CUT OFF AND GRIND FLUSH WITH EXISTING PIT WALL CONSTRUCTION.
 - 5 REMOVE EXISTING SHEET METAL ENCLOSURE.
 - 6 REMOVE EXISTING ELEVATOR MOTORS AND ALL ASSOCIATED COMPONENTS RELATED TO OPERATION OF EXISTING ELEVATOR BEING REMOVED.
 - 7 REMOVE EXISTING 8" CMU WALL CONSTRUCTION FROM FLOOR TO CONCRETE BEAM ABOVE. REMOVE A MINIMUM OF 8" AT EACH JAMB, BUT REMOVE FULL BLOCKS AND DO NOT CUT BLOCK.
 - 8 REMOVE EXISTING ELEVATOR DOOR, FRAME AND SILL. REMOVE SALVAGE AND REINSTALL EXISTING CEILING, GRID, MECHANICAL AND ELECTRICAL CEILING MOUNTED DEVICES AS REQUIRED FOR REMOVAL OF EXISTING WALL CONSTRUCTION.
 - 9 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET. SALVAGE FOR REINSTALLATION.
 - 10 REMOVE EXISTING GYPSUM BOARD AND STUD FRAMING. PROTECT ADJACENT WALL FINISHES. REMOVE EXISTING VINYL WALL BASE. PROTECT ADJACENT EXISTING FLOORING.
 - 11 PROTECT EXISTING WALL CONSTRUCTION.
 - 12 NOT USED.
 - 13 NOT USED.



17 BASEMENT DEMO PLAN- SOUTH ELEVATOR
1/4" = 1'-0"



18 FIRST FLOOR DEMO PLAN- SOUTH ELEVATOR
1/4" = 1'-0"



19 SECOND FLOOR DEMO PLAN- SOUTH ELEVATOR
1/4" = 1'-0"

iiw P.C.
iiw
ARCHITECTURE
CIVIL ENGINEERING
CONSTRUCTION SERVICES
ENVIRONMENTAL ENGINEERING
LAND SURVEYING
MUNICIPAL ENGINEERING
STRUCTURAL ENGINEERING
TRANSPORTATION ENGINEERING
INTEGRITY. EXPERTISE. SOLUTIONS.
www.iwengr.com • 800.556.4491

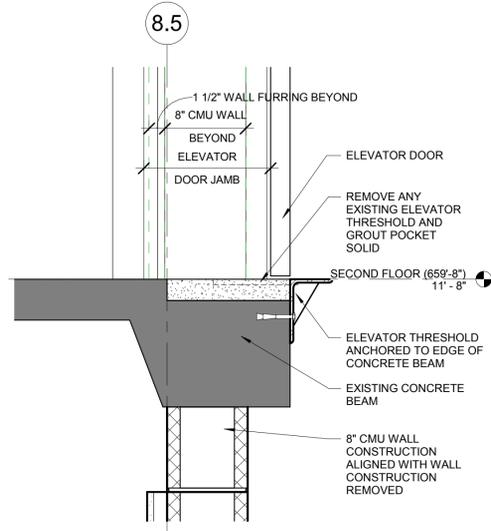
MDC
WATERLOO | DES MOINES | IOWA CITY
714 EAST 4TH ST. | 330 EAST 4TH ST. | 118 EAST COLLEGE ST.
WATERLOO, IOWA 50601 | IOWA CITY, IOWA 52242 | IOWA CITY, IOWA 52242
319.232.0850 | 319.232.1220 | 319.232.4800

© COPYRIGHT 2020 ALL RIGHTS RESERVED
THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF iiw, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF iiw, P.C.

DEMOLITION PLANS
CLINTON COUNTY
ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
1900 NORTH THIRD STREET
CLINTON, IA

Project Description: _____

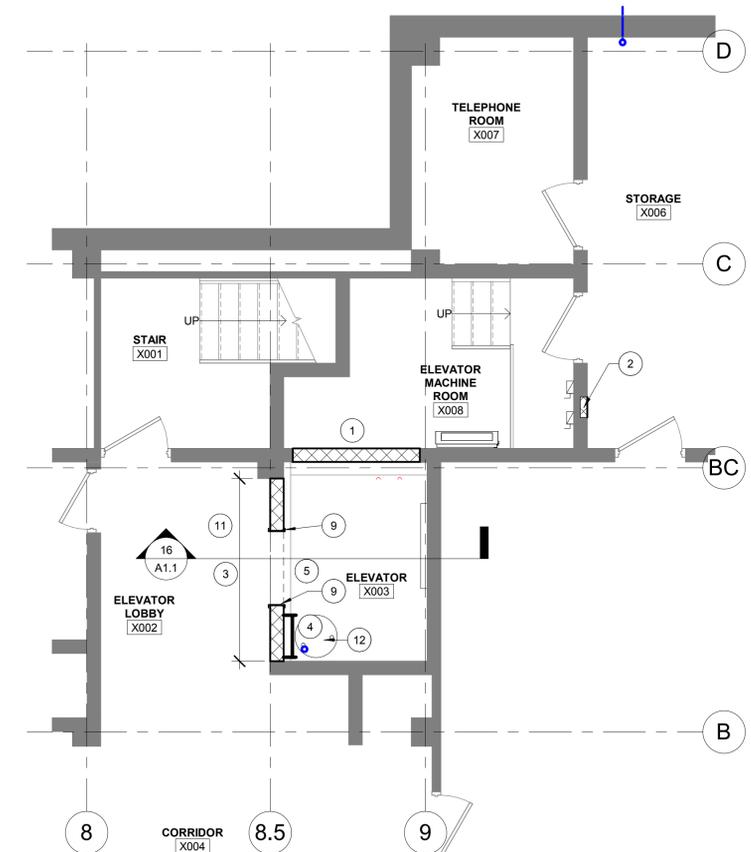
Rev	Description	Date	By



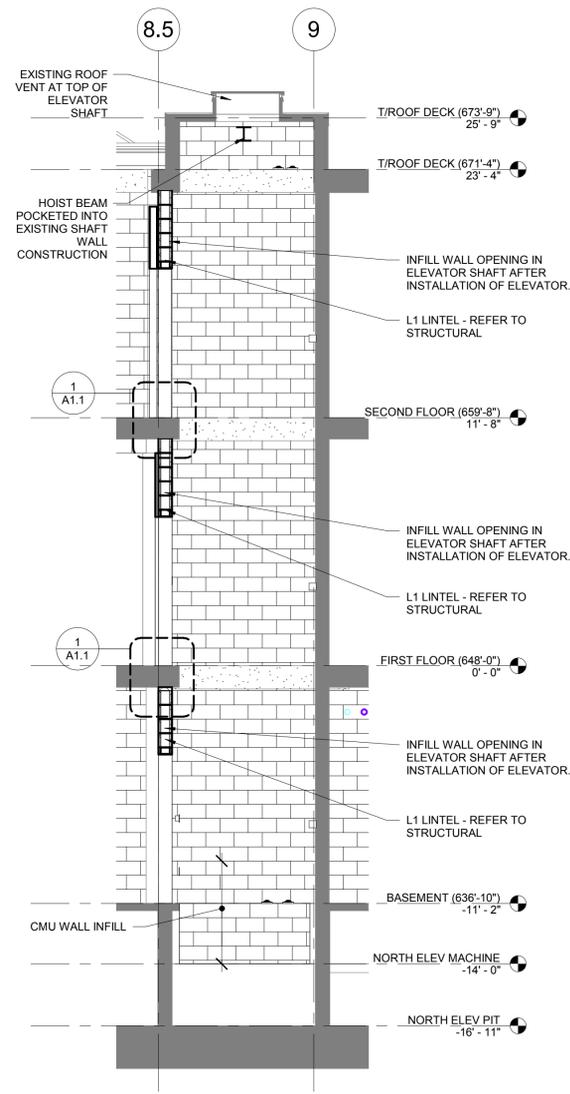
1 NORTH ELEVATOR SILL DETAIL
1 1/2" = 1'-0"

- A1 - GENERAL NOTES**
- ANY DAMAGE TO ADJACENT SURFACES, FINISHES OR ACCESSORIES DURING THE DEMOLITION OR NEW CONSTRUCTION PHASE SHALL BE REPAIRED IN THE DAMAGE EXISTING CONDITION BY THE DISCIPLINE WHOSE WORK RESULTED IN THE DAMAGE. USE MATERIALS TO MATCH OR RESEMBLE EXISTING AND HAVE SAME FINISHES AS THOSE REMOVED AND/OR ADJACENT MATERIALS UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL VISIT THE BUILDING AND SITE BEFORE SUBMITTING A PROPOSAL AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS THAT AFFECT HIS NEW AND REMODELING WORK. ANY QUESTIONS, AMBIGUITIES, CONFLICTS, ETC. SHALL BE RESOLVED WITH THE ARCHITECT PRIOR TO BIDDING. CONTRACTOR SHALL VISIT AND INSPECT THE WORK SO THAT HE WILL INCLUDE ALL NECESSARY ITEMS OF WORK IN HIS BID. UTMOST COORDINATION BETWEEN TRADES WILL BE NECESSARY.
 - GENERAL CONSTRUCTION CONTRACTOR TO PROVIDE ALL INDICATED AND REQUIRED DEMOLITION WORK EXCEPT WHERE SPECIFICALLY INDICATED TO BE PROVIDED BY OTHER CONTRACTS OR SHOWN BY OTHER DISCIPLINES AS THEIR WORK.
 - CONTRACTORS SHALL FIRE SEAL ALL EXISTING AND NEW PENETRATIONS IN THE ELEVATOR SHAFT.
 - UNLESS NOTED OTHERWISE, ALL ITEMS OR MATERIALS INDICATED TO BE REMOVED SHALL BE DISPOSED OF BY THE CORRESPONDING DISCIPLINE PERFORMING THE RELATED WORK. ALSO SEE MECHANICAL AND ELECTRICAL DRAWINGS.
 - REMODELING, MODIFYING, PATCHING AND REPAIR OF EXISTING BUILDING COMPONENTS SHALL BE DONE AS REQUIRED TO PRODUCE FINISHED WORK EQUAL IN QUALITY TO THE NEW WORK AS SPECIFIED AND DETAILED. CUTTING AND PATCHING SHALL BE THE RESPONSIBILITY OF THE TRADE WHOSE WORK RESULTS IN THE NEED FOR CUTTING AND PATCHING UNLESS A SPECIFIC CONTRACTOR IS CALLED OUT ON THE DRAWINGS. QUALITY OF WORKMANSHIP, MATERIALS AND QUALITY OF FINISH SHALL BE EQUAL TO THE LEVEL ESTABLISHED FOR SIMILAR NEW WORK. EXCEPT WHERE EXISTING APPEARANCE IS TO BE MATCHED TO PROVIDE CONTINUITY.

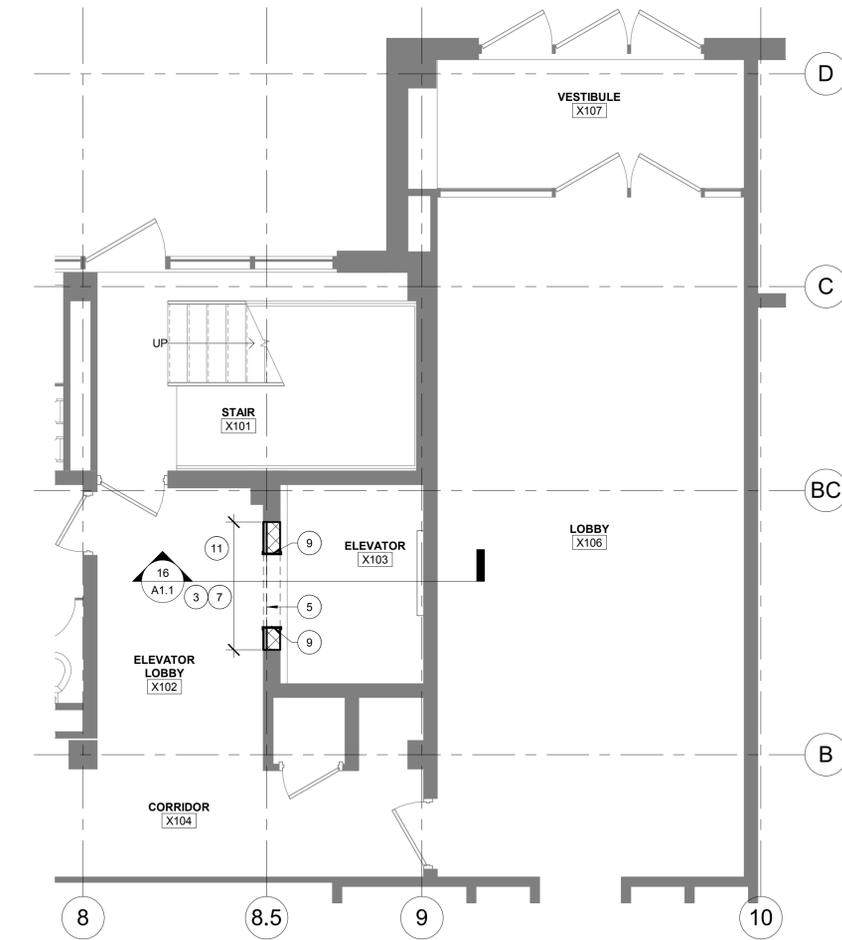
- PLAN KEY NOTES**
- INFILL OPENING IN EXISTING CMU WALL WHERE SHEET METAL WAS REMOVED WITH 8" CMU WALL CONSTRUCTION.
 - INFILL OPENING IN EXISTING CMU WALL WHERE FIRE EXTINGUISHER WAS REMOVED WITH 8" CMU - PAINT BOTH SIDES OF WALL.
 - TOOTH IN AND REBUILD EXISTING CMU WALL THAT WAS REMOVED FOR ELEVATOR INSTALLATION WITH 8" CMU WALL CONSTRUCTION - PAINT LOBBY SIDE OF WALL TO MATCH EXISTING ADJACENT AT BASEMENT LEVEL ONLY.
 - ELEVATOR PIT LADDER.
 - PROVIDE OPENING IN WALL CONSTRUCTION FOR ELEVATOR DOOR - PROVIDE 12" DEEP CMU (L1) LINTEL ABOVE.
 - OWNER TO PROVIDE BASE AND FLOORING REPAIRS AND INSTALL NEW VINYL BASE AND FLOORING WHERE REQUIRED.
 - INSTALL 7/8" VERTICAL HAT CHANNELS AT 12" O.C. ON FACE OF CMU WALL WITH ONE LAYER OF 5/8" GYPSUM BOARD. EXTEND WALL CONSTRUCTION MIN. 6" ABOVE CEILING.
 - INSTALL 3 5/8" METAL STUDS AT 12" O.C. ON FACE OF CMU WALL WITH ONE LAYER OF 5/8" GYPSUM BOARD. EXTEND WALL CONSTRUCTION MIN. 6" ABOVE CEILING.
 - ELEVATOR DOOR OPENING FRAME.
 - ELEVATOR HOIST BEAM TO BE INSTALLED IN EXISTING CMU WALLS. INSTALL AT HEIGHT TO PROVIDE MINIMUM CLEAR HEIGHT REQUIRED BY ELEVATOR MANUFACTURER.
 - REINSTALL SALVAGED CEILING GRID AND TILE AT SAME HEIGHT AS EXISTING ADJACENT.
 - NEW SUMP JAR AND PUMP IN BOTTOM OF ELEVATOR PIT SLAB - REFER TO MECHANICAL.



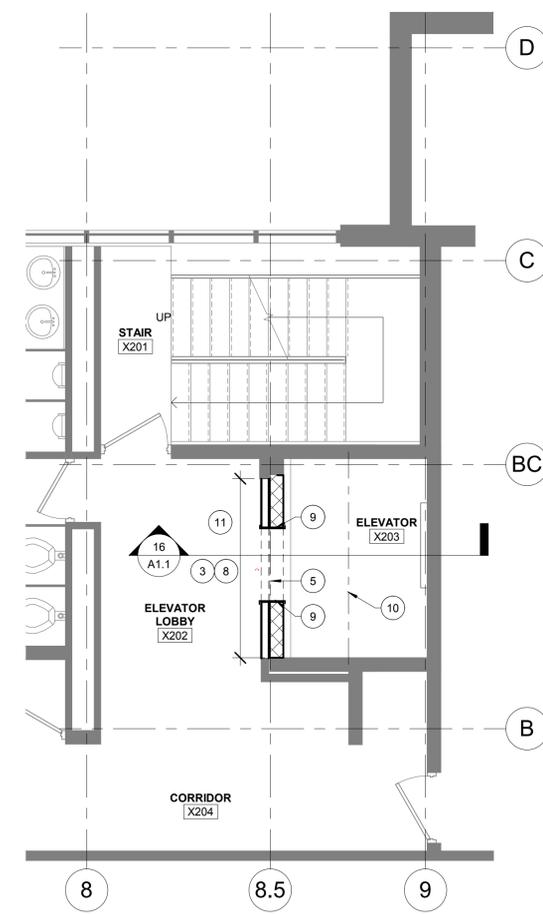
9 BASEMENT PLAN- NORTH ELEVATOR
1/4" = 1'-0"



16 NORTH ELEVATOR SECTION
1/4" = 1'-0"

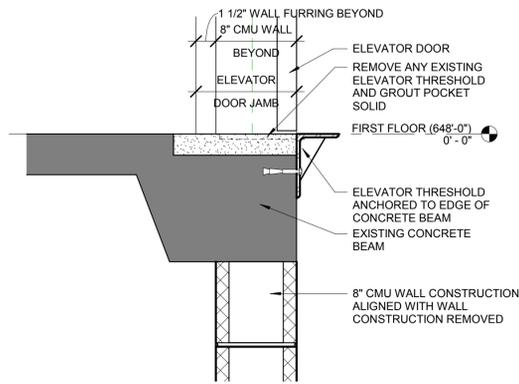


17 FIRST FLOOR PLAN- NORTH ELEVATOR
1/4" = 1'-0"



19 SECOND FLOOR PLAN- NORTH ELEVATOR
1/4" = 1'-0"

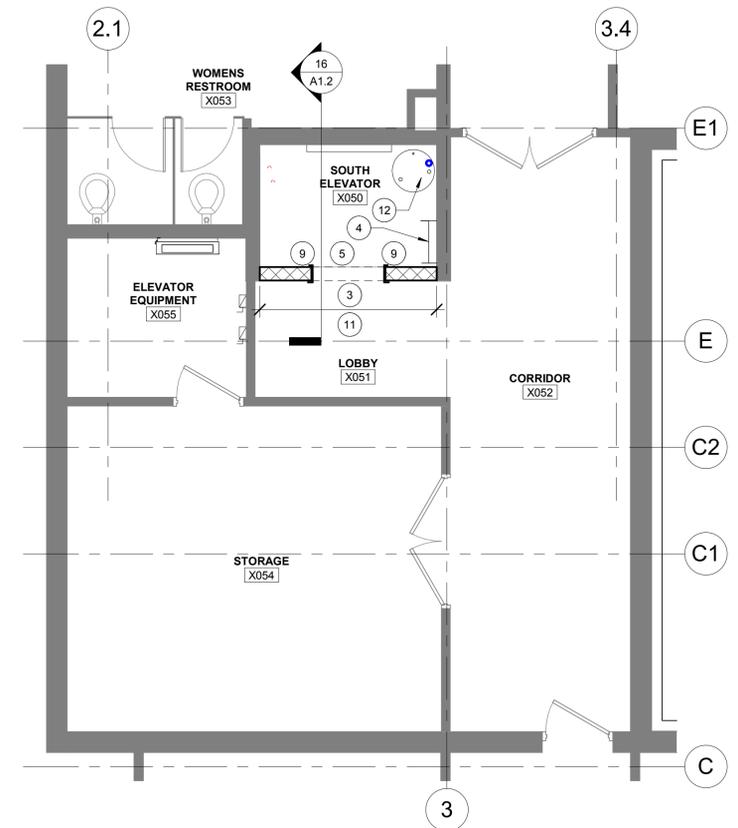
Rev	Description	Date	By



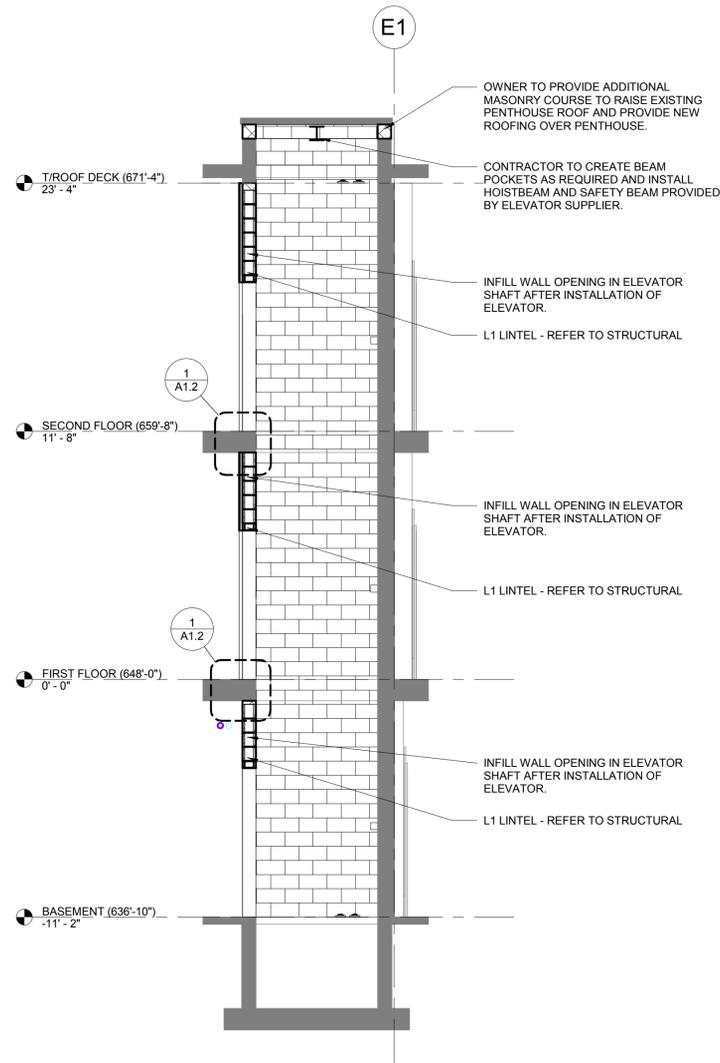
1 SOUTH ELEVATOR SILL DETAIL
1/2" = 1'-0"

- A1 - GENERAL NOTES**
1. ANY DAMAGE TO ADJACENT SURFACES, FINISHES OR ACCESSORIES DURING THE DEMOLITION OR NEW CONSTRUCTION PHASE SHALL BE REPAIRED TO MATCH THE EXISTING CONDITION BY THE DISCIPLINE WHOSE WORK RESULTED IN THE DAMAGE. USE MATERIALS TO MATCH OR RESEMBLE EXISTING AND HAVE SAME FINISHES AS THOSE REMOVED AND/OR ADJACENT MATERIALS UNLESS OTHERWISE NOTED.
 2. CONTRACTOR SHALL VISIT THE BUILDING AND SITE BEFORE SUBMITTING A PROPOSAL AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS THAT AFFECT HIS NEW AND REMODELING WORK. ANY QUESTIONS, AMBIGUITIES, CONFLICTS, ETC. SHALL BE RESOLVED WITH THE ARCHITECT PRIOR TO BIDDING. CONTRACTOR SHALL VISIT AND INSPECT THE WORK SO THAT HE WILL INCLUDE ALL NECESSARY ITEMS OF WORK IN HIS BID. UTMOST COORDINATION BETWEEN TRADES WILL BE NECESSARY.
 3. GENERAL CONSTRUCTION CONTRACTOR TO PROVIDE ALL INDICATED AND REQUIRED DEMOLITION WORK EXCEPT WHERE SPECIFICALLY INDICATED TO BE PROVIDED BY OTHER CONTRACTS OR SHOWN BY OTHER DISCIPLINES AS THEIR WORK.
 4. CONTRACTORS SHALL FIRE SEAL ALL EXISTING AND NEW PENETRATIONS IN THE ELEVATOR SHAFT.
 5. UNLESS NOTED OTHERWISE, ALL ITEMS OR MATERIALS INDICATED TO BE REMOVED SHALL BE DISPOSED OF BY THE CORRESPONDING DISCIPLINE PERFORMING THE RELATED WORK. ALSO SEE MECHANICAL AND ELECTRICAL DRAWINGS.
 6. REMODELING, MODIFYING, PATCHING AND REPAIR OF EXISTING BUILDING COMPONENTS SHALL BE DONE AS REQUIRED TO PRODUCE FINISHED WORK EQUAL IN QUALITY TO THE NEW WORK AS SPECIFIED AND DETAILED. CUTTING AND PATCHING SHALL BE THE RESPONSIBILITY OF THE TRADE WHOSE WORK RESULTS IN THE NEED FOR CUTTING AND PATCHING UNLESS A SPECIFIC CONTRACTOR IS CALLED OUT ON THE DRAWINGS. QUALITY OF WORKMANSHIP, MATERIALS AND QUALITY OF FINISH SHALL BE EQUAL TO THE LEVEL ESTABLISHED FOR SIMILAR NEW WORK. EXCEPT WHERE EXISTING APPEARANCE IS TO BE MATCHED TO PROVIDE CONTINUITY.

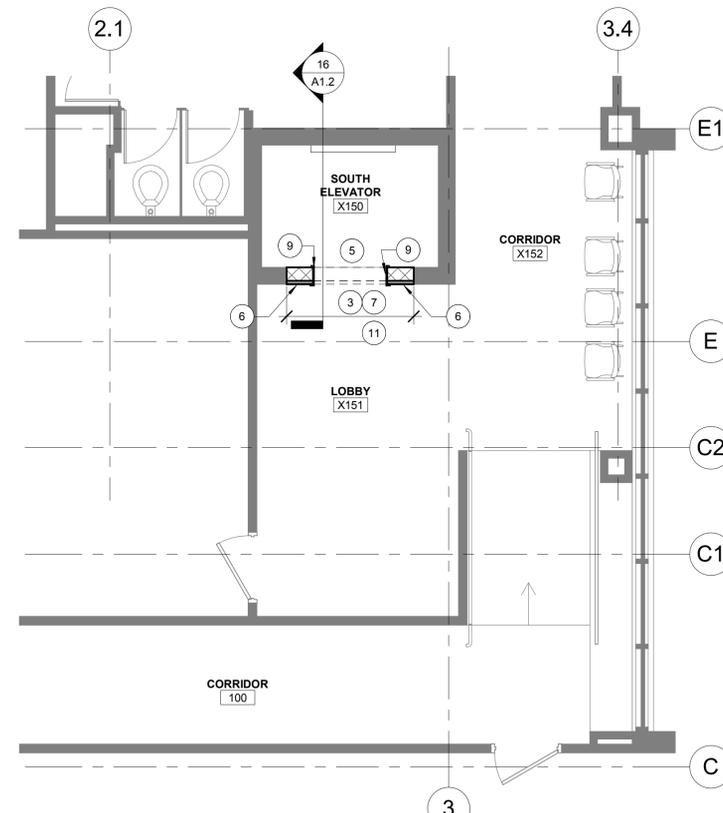
- PLAN KEY NOTES**
1. INFILL OPENING IN EXISTING CMU WALL WHERE SHEET METAL WAS REMOVED WITH 8" CMU WALL CONSTRUCTION.
 2. INFILL OPENING IN EXISTING CMU WALL WHERE FIRE EXTINGUISHER WAS REMOVED WITH 8" CMU - PAINT BOTH SIDES OF WALL.
 3. TOOTH IN AND REBUILD EXISTING CMU WALL THAT WAS REMOVED FOR ELEVATOR INSTALLATION WITH 8" CMU WALL CONSTRUCTION - PAINT LOBBY SIDE OF WALL TO MATCH EXISTING ADJACENT AT BASEMENT LEVEL ONLY.
 4. ELEVATOR PIT LADDER.
 5. PROVIDE OPENING IN WALL CONSTRUCTION FOR ELEVATOR DOOR - PROVIDE 12" DEEP CMU (L1) LINTEL ABOVE.
 6. OWNER TO PROVIDE BASE AND FLOORING REPAIRS AND INSTALL NEW VINYL BASE AND FLOORING WHERE REQUIRED.
 7. INSTALL 7/8" VERTICAL HAT CHANNELS AT 12" O.C. ON FACE OF CMU WALL WITH ONE LAYER OF 5/8" GYPSUM BOARD. EXTEND WALL CONSTRUCTION MIN. 6" ABOVE CEILING.
 8. INSTALL 3 5/8" METAL STUDS AT 12" O.C. ON FACE OF CMU WALL WITH ONE LAYER OF 5/8" GYPSUM BOARD. EXTEND WALL CONSTRUCTION MIN. 6" ABOVE CEILING.
 9. ELEVATOR DOOR OPENING FRAME.
 10. ELEVATOR HOIST BEAM TO BE INSTALLED IN EXISTING CMU WALLS. INSTALL AT HEIGHT TO PROVIDE MINIMUM CLEAR HEIGHT REQUIRED BY ELEVATOR MANUFACTURER.
 11. REINSTALL SALVAGED CEILING GRID AND TILE AT SAME HEIGHT AS EXISTING ADJACENT.
 12. NEW SUMP JAR AND PUMP IN BOTTOM OF ELEVATOR PIT SLAB - REFER TO MECHANICAL.



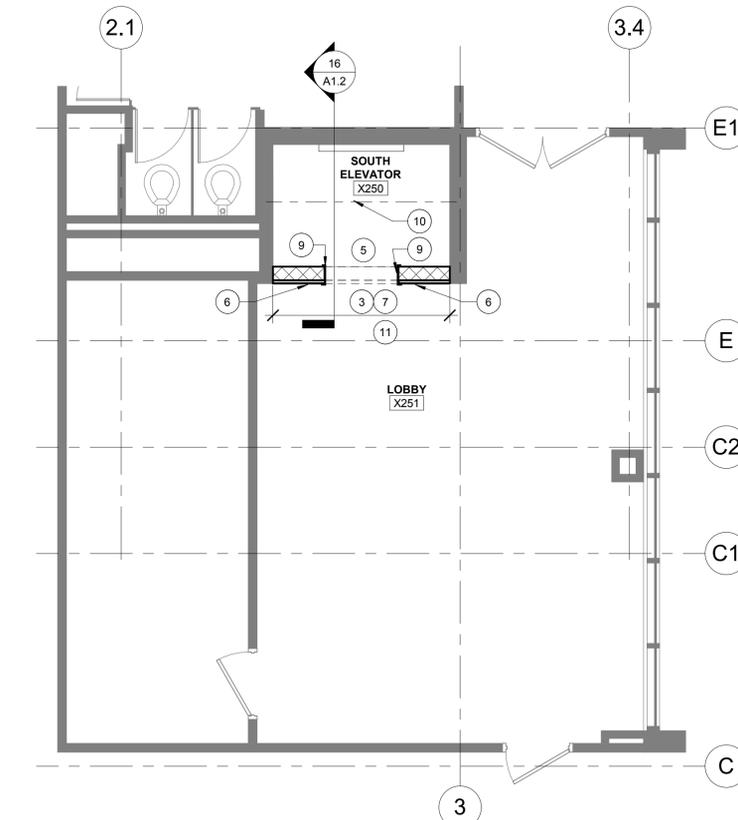
17 BASEMENT PLAN- SOUTH ELEVATOR
1/4" = 1'-0"



16 SOUTH ELEVATOR SECTION
1/4" = 1'-0"



18 FIRST FLOOR PLAN- SOUTH ELEVATOR
1/4" = 1'-0"



19 SECOND FLOOR PLAN- SOUTH ELEVATOR
1/4" = 1'-0"

iiw
ARCHITECTURE
CIVIL ENGINEERING
CONSTRUCTION SERVICES
ENVIRONMENTAL ENGINEERING
LAND SURVEYING
MUNICIPAL ENGINEERING
STRUCTURAL ENGINEERING
TRANSPORTATION ENGINEERING
INTEGRITY. EXPERTISE. SOLUTIONS.
www.iivengr.com • 800.556.4491

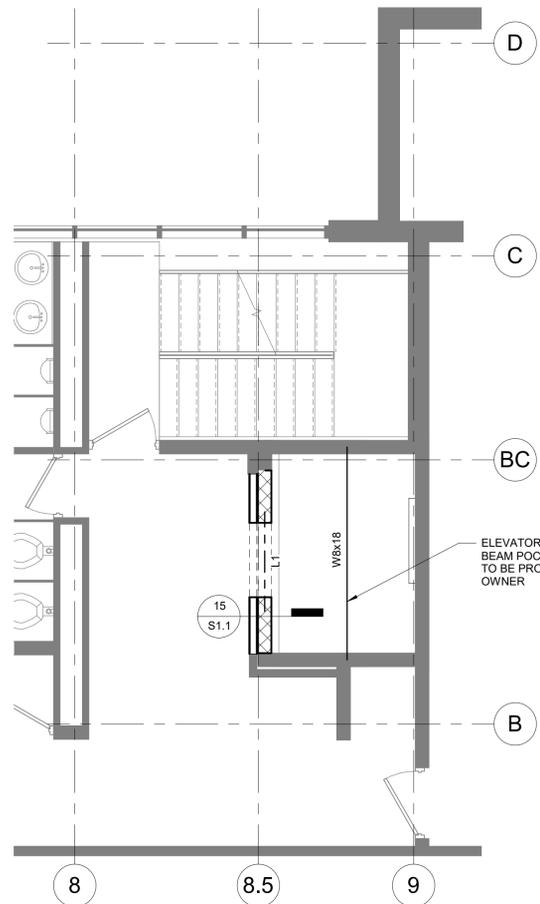
WATERLOO | DES MOINES | IOWA CITY
110 EAST 4TH ST. | 330 EAST 4TH ST. | 110 EAST COLLEGE ST.
WATERLOO, IOWA 50601 | IOWA CITY, IOWA 52242 | IOWA CITY, IOWA 52242
515.233.0850 | 515.233.2280 | 515.233.4800

© COPYRIGHT 2020 ALL RIGHTS RESERVED
THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF IIW, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF IIW, P.C.

SOUTH ELEVATOR PLANS AND SECTION
CLINTON COUNTY
ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
1900 NORTH THIRD STREET
CLINTON, IA

Project Description: SOUTH ELEVATOR PLANS AND SECTION

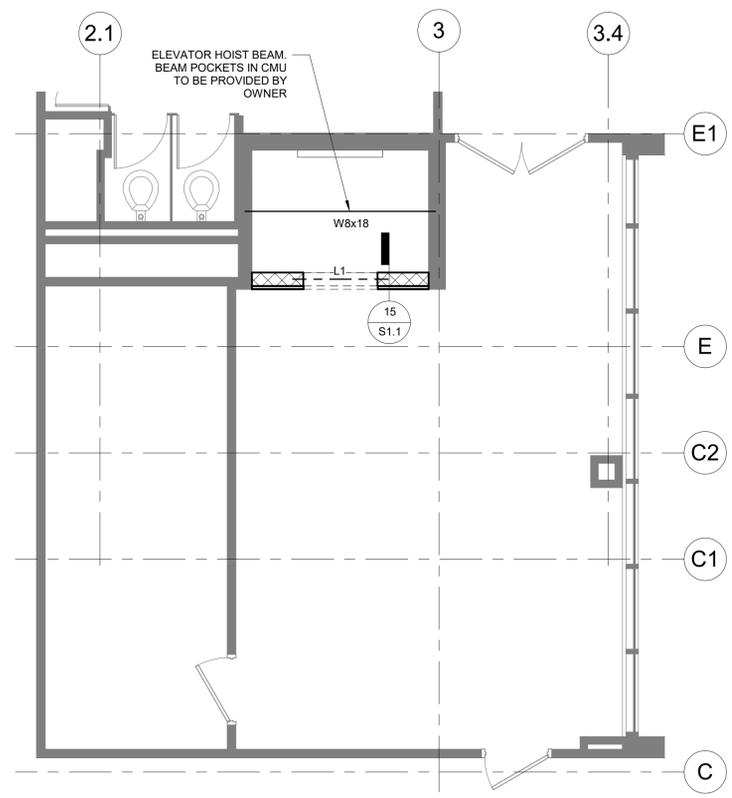
Rev	Description	Date	By



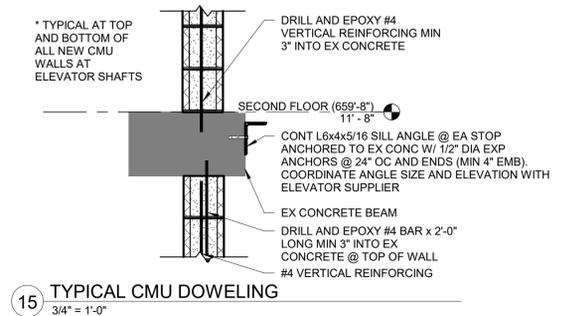
SECOND FLOOR PLAN- NORTH ELEVATOR
1/4" = 1'-0"



- PLAN NOTES:
- HOIST BEAM TO BE INSTALLED WITH A MINIMUM CLEARANCE OF 13'-0" BELOW THE BOTTOM OF THE HOIST BEAM TO THE FLOOR BELOW.
 - NEW CMU OPENINGS TO BE FRAMED WITH AN L1 LINTEL. LINTEL TO BE A 12" CMU LINTEL REINFORCED WITH (1) #4. EXTEND THE LINTEL 8" PAST THE OPENING AND PROVIDE (1) VERT #4 FULL HEIGHT EACH SIDE OF THE OPENING.
 - ELEVATOR RAIL BRACKET INSERTS SHALL BE EMBEDDED INTO CMU. INSERTS ARE PROVIDED BY ELEVATOR SUPPLIER. COORDINATE LOCATION AND ELEVATION OF RAIL BRACKET INSERTS WITH FINAL APPROVED ELEVATOR SUBMITTAL.



SECOND FLOOR PLAN- SOUTH ELEVATOR
1/4" = 1'-0"



15 TYPICAL CMU DOWELING
3/4" = 1'-0"

SECOND FLOOR ELEVATOR PLANS AND DETAIL
CLINTON COUNTY ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
1900 NORTH THIRD STREET
CLINTON, IA

Project Description: 9/11/2020 13:44 PM C:\00\8204\2023\Clinton Co. Admin. Bldg. Elevator Replacement\19_elev.dwg

Rev	Description	Date	By

Drawing Issue Information:
Project Mgr/MRF Drawn By: DMJ
Issued for Bidding: 05.12.20 Issued For Construction:

ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT

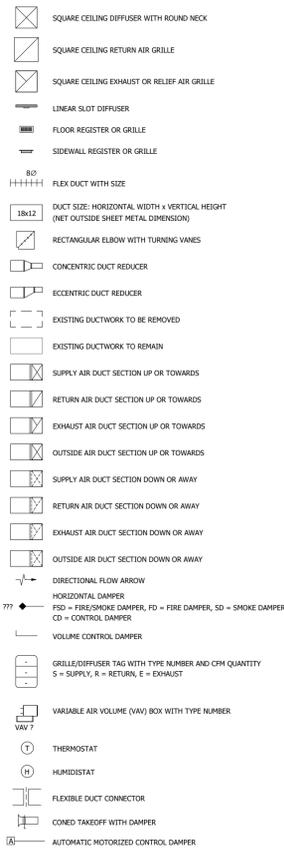
ELECTRICAL SYMBOLS LIST

NOTE: NOT ALL SYMBOLS SHOWN MAY BE REQUIRED FOR THIS PROJECT

MECHANICAL SYMBOLS LIST

NOTE: NOT ALL SYMBOLS SHOWN MAY BE REQUIRED FOR THIS PROJECT

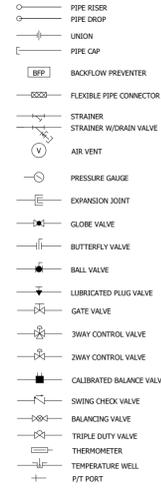
SHEET METAL



PLUMBING



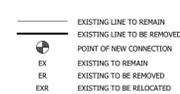
PIPING SPECIALTIES



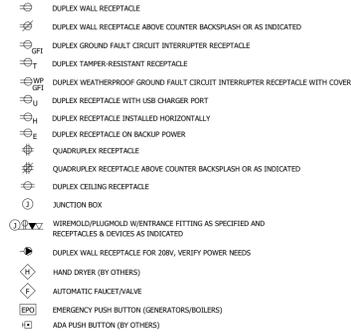
HYDRONIC PIPING



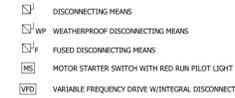
MISCELLANEOUS



WIRING DEVICES



EQUIPMENT WIRING



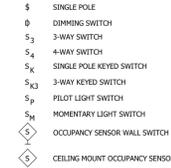
SWITCHES - LOW VOLTAGE (DIGITAL)

(REFER TO LIGHTING SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION)

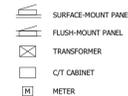


SWITCHES - LINE VOLTAGE (120/277V)

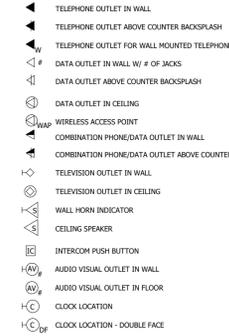
(REFER TO LIGHTING SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION)



DISTRIBUTION



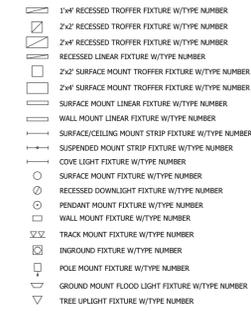
COMMUNICATIONS SYSTEMS



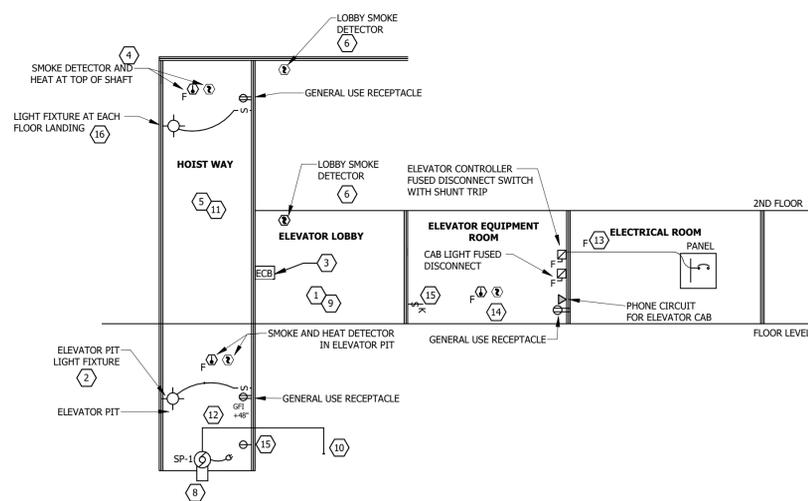
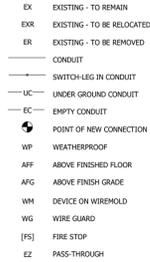
FIRE ALARM & DETECTION



LUMINAIRES



MISCELLANEOUS



ELEVATOR GENERAL NOTES:

- SMOKE DETECTORS SHALL RECALL ELEVATOR TO A DESIGNATED FLOOR LANDING.
- REFER TO NFPA CODE AND EXACT ELEVATOR DRAWINGS AND SPECIFICATIONS FOR ALL MEP REQUIREMENTS.
- PROVIDE CONTROL WIRE FROM ATS TO EMERGENCY ELEVATOR CONTROL PANEL.
- REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION.
- PROVIDE ALL NECESSARY COMPONENTS AND PARTS FOR A COMPLETE AND WORKING SYSTEM.

ELEVATOR REFERENCED NOTES:

- ELEVATOR SHALL HAVE ALL DEVICES INDICATED.
- NEMA 4 RATED ELEVATOR PIT LIGHT FIXTURE. MOUNT WITHIN 48" OF ELEVATOR PIT FLOOR IN ACCORDANCE WITH STATE ELEVATOR CODE REQUIREMENTS. POSITION LIGHT TO PROVIDE 10 FOOT CANDLES AT FLOOR LEVEL/BASE OF PIT LADDER. LOCATE LIGHT SWITCH NEAR TOP OF LADDER TO BE ACCESSIBLE FROM PIT ACCESS DOOR.
- EMERGENCY CALL BOX SHALL BE LOCATED ON EACH FLOOR WITH NO DIRECT ACCESS TO EXTERIOR. ONE (1) DEDICATED ANALOG PHONE LINE SHALL BE CONNECTED TO CALL BOX. MOUNT AT 48" AFF ADJACENT TO ELEVATOR DOOR/CONTROLLER.
- ALL SMOKE AND HEAT DETECTORS SHALL ALARM THE FIRE ALARM SYSTEM.
- ELECTRICAL CONTRACTOR TO VERIFY THE LOCATION OF ALL DEVICES WITH THE ELEVATOR INSTALLER PRIOR TO ROUGH-IN. PROVIDE SLEEVES WHEREVER NECESSARY FOR CONDUIT TO PENETRATE STRUCTURE/FOUNDATION.
- SMOKE DETECTORS SHALL BE LOCATED IN EACH ELEVATOR LANDING OR ENTRANCE LOBBY AND EQUIPMENT ROOM. LOBBY DETECTORS SHALL BE MOUNTED ON THE CEILING WITHIN 5' OF ELEVATOR DOOR WALL AND SEND SIGNAL TO ELEVATOR CAB WHEN IN ALARM.
- HEAT DETECTORS SHALL DE-ENERGIZE THE ELEVATOR POWER.
- COORDINATE ELEVATOR SUMP PUMP LOCATION WITH ELEVATOR MANUFACTURER AND INSTALLER PRIOR TO ROUGH-IN.
- SMOKE DETECTORS SHALL RECALL ELEVATOR TO A DESIGNATED FLOOR LANDING.
- DISCHARGE TO GRADE AS SHOWN ON MECHANICAL PLAN. COORDINATE LOCATION WITH ARCHITECT. VERIFY DISCHARGE LOCATION SPECIFIC REQUIREMENTS WITH LOCAL AHJ.

- INTERFACE BUILDING FIRE ALARM SYSTEM TO LIGHT FIREMAN'S ASSISTANCE LIGHT IN THE ELEVATOR CAB UPON BUILDING ALARM.
- ALL ELECTRICAL DEVICES INSTALLED WITHIN 48" OF ELEVATOR PIT FLOOR SHALL BE PROVIDED WITH A NEMA 4 ENCLOSURE IN ACCORDANCE WITH STATE ELEVATOR CODE REQUIREMENTS. COORDINATE LOCATIONS WITH ELEVATOR EQUIPMENT CONTRACTOR. ALL WIRING AND EQUIPMENT SHALL BE SUITABLE FOR USE IN WET LOCATIONS.
- PROVIDE ELEVATOR DISCONNECT WITH SHUNT-TRIP PER 26 2816. MOUNT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE WITH AUXILIARY CONTACTS TO INTEGRATE INTO THE FIRE ALARM CONTROL PANEL.
- HEAT DETECTOR SHALL ACTIVATE THE SHUNT TRIP FOR THE ELEVATOR.
- CONNECT SUMP PUMP RECEPTACLE TO KEYED SWITCH IN DESIGNATED ELEVATOR CONTROL AREA. SUMP PUMP SHALL PROVIDE A MINIMUM OF 50 GPM DISCHARGE AND SHALL HAVE A PERFORATED SUMP COVER. KEYED SWITCH SHALL BE LOCATED IN FIRE COMMAND CENTER. IF FIRE COMMAND CENTER IS NOT PRESENT, THEN SWITCH SHALL BE LOCATED WITHIN 5 FEET OF THE FACP. SWITCH SHALL BE PROPERLY IDENTIFIED AS "ELEVATOR SUMP PUMP SWITCH." COORDINATE WITH LOCAL FIRE DEPARTMENT FOR FINAL LOCATION PRIOR TO ROUGH-IN.
- PROVIDE WALL MOUNTED LIGHT FIXTURE AT EACH LEVEL TO PROVIDE 10FC THROUGHOUT ELEVATOR SHAFT. LOCATE SWITCH NEAR ELEVATOR DOOR AT EACH LEVEL. SWITCHES SHALL OPERATE ALL LIGHTS IN ELEVATOR SHAFT AS A SINGLE ZONE.

SHEET INDEX

ME001	COVER SHEET
MD101	MECHANICAL DEMOLITION PLAN
M500	MECHANICAL SCHEDULES & DETAILS
ED101	SOUTH ELEVATOR ELECTRICAL DEMOLITION PLANS
ED102	NORTH ELEVATOR ELECTRICAL DEMOLITION PLAN
E101	SOUTH ELEVATOR ELECTRICAL PLANS
E102	NORTH ELEVATOR ELECTRICAL PLANS
E501	ELECTRICAL DETAILS
E601	ELECTRICAL SCHEDULES

PROJECT MANAGER
 TREVOR CONRAD
 TCONRAD@MODUS-ENG.COM
 319-248-4600

MECHANICAL ENGINEER
 KEVIN PANCYK
 KPANCZYK@MODUS-ENG.COM
 319-248-4600

ELECTRICAL ENGINEER
 ANDREW WEBER
 AWEBER@MODUS-ENG.COM
 319-248-4600

iiw
 ARCHITECTURE
 CIVIL ENGINEERING
 CONSTRUCTION SERVICES
 ENVIRONMENTAL ENGINEERING
 LAND SURVEYING
 MUNICIPAL ENGINEERING
 STRUCTURAL ENGINEERING
 TRANSPORTATION ENGINEERING
 INTEGRITY.EXPERTISE.SOLUTIONS.

© COPYRIGHT 2020 ALL RIGHTS RESERVED
 THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF IIW, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF IIW, P.C.

COVER SHEET
 CLINTON COUNTY
 ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
 1900 NORTH THIRD STREET
 CLINTON, IA

Project Description:	By	Date	Description
Project Mgr:	Author	05.12.20	Issued For Construction:
Rev			

Sheet No: **ME001**
 Project No: 20034

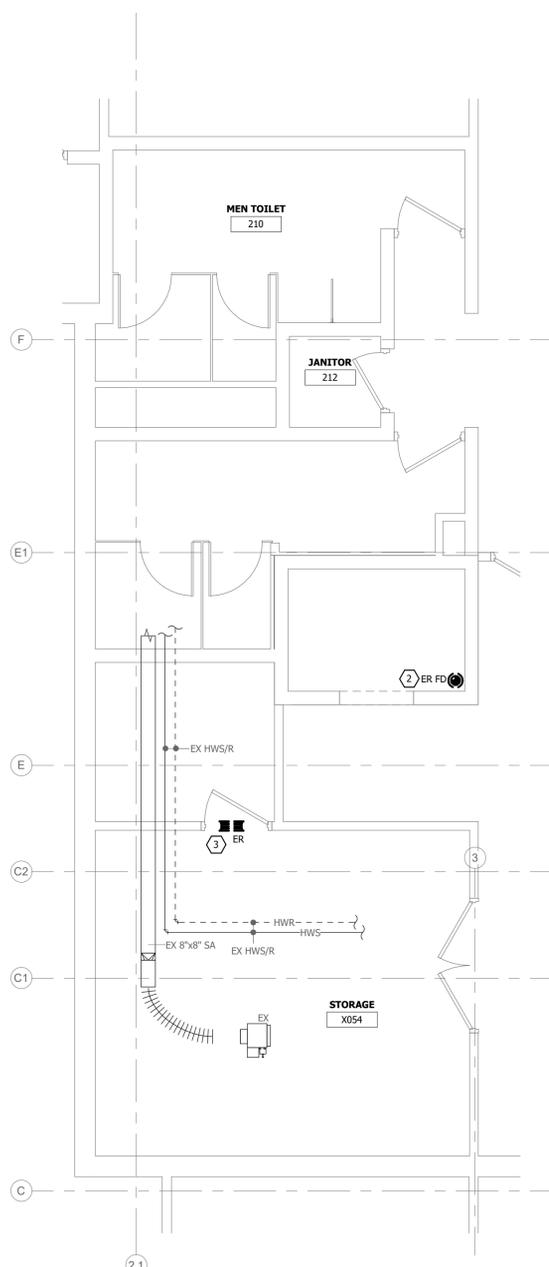
DEMO GENERAL NOTES:

- A. DEMOLITION DRAWINGS ARE BASED ON EXISTING AVAILABLE DRAWINGS AND CASUAL FIELD OBSERVATION. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL FIELD VERIFY THE SITE AND INCLUDE ALL REQUIRED DEMOLITION IN THE BID.
- B. REFER TO SPECIFICATIONS AND OTHER SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
- C. MAINTAIN FIRE RATINGS OF AFFECTED WALLS AND FLOORS.
- D. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS ON FLOOR CUTTING AND CEILING REMOVAL. CONTRACTOR SHALL COORDINATE WORK TO BE CONSISTENT WITH SCOPE OF GENERAL CONTRACTOR'S DEMOLITION.

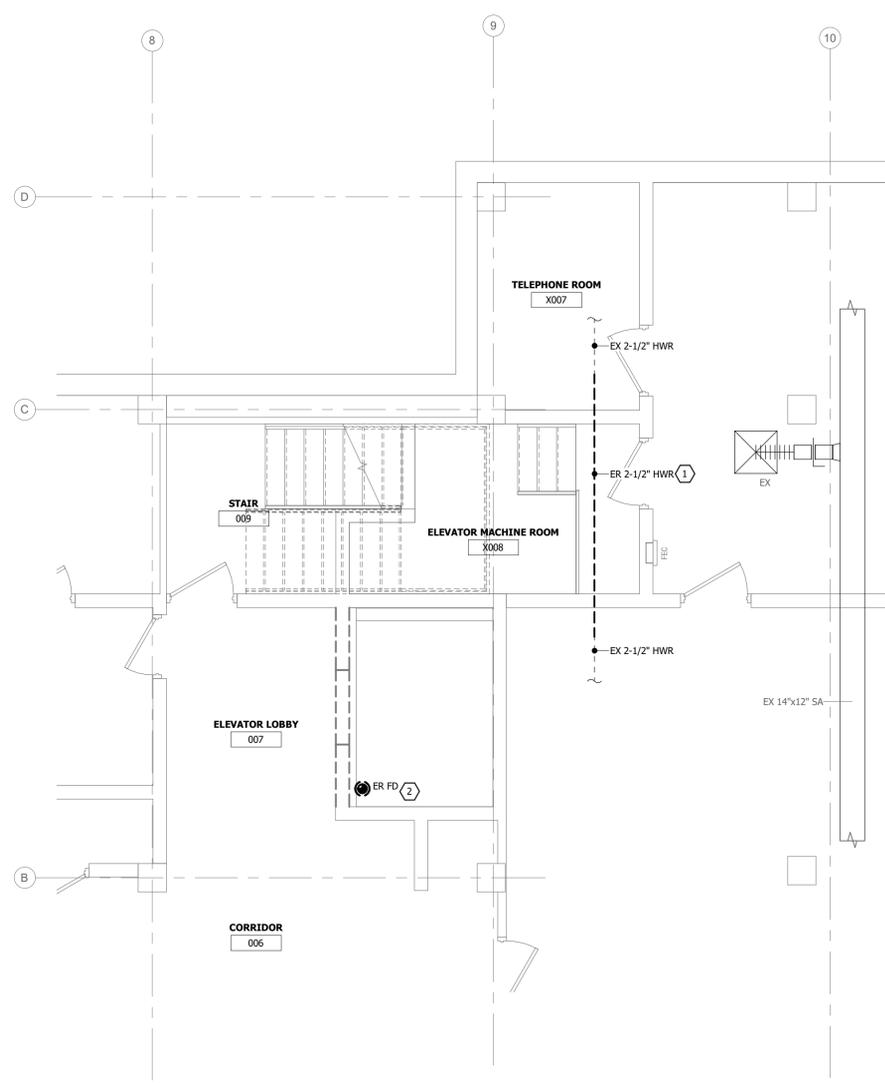
DEMO REFERENCED NOTES: (6)

- 1. REMOVE HEATING WATER PIPING AS SHOWN. COORDINATE SHUTDOWN OF SYSTEM WITH OWNER.
- 2. REMOVE FLOOR DRAIN. CAP PIPE UNDER FLOOR. PATCH FLOOR TO MATCH EXISTING.
- 3. REMOVE TRANSFER GRILLES. PATCH WALL TO MATCH EXISTING.
- 4. REMOVE EXISTING ROOF HOOD AND ASSOCIATED CURB. PATCH ROOF TO MATCH EXISTING. ROOFING WARRANTY SHALL BE MAINTAINED.

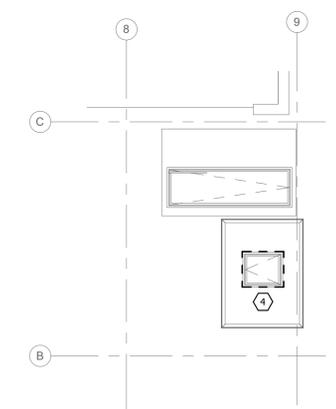
© COPYRIGHT 2020 ALL RIGHTS RESERVED
 THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF IIW, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF IIW, P.C.



1 BASEMENT SOUTH ELEVATOR MECHANICAL DEMOLITION PLAN
 1/4" = 1'-0"



2 BASEMENT NORTH ELEVATOR MECHANICAL DEMOLITION PLAN
 1/4" = 1'-0"



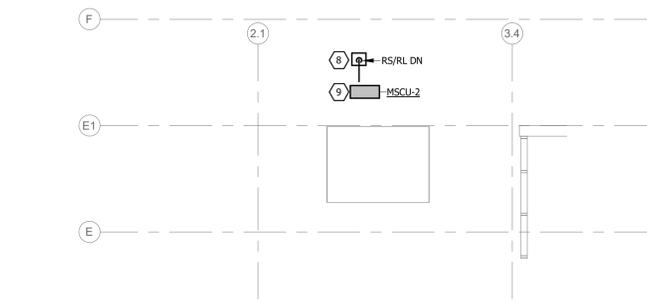
3 ROOF LEVEL NORTH ELEVATOR MECHANICAL DEMOLITION PLAN
 1/8" = 1'-0"

MECHANICAL DEMOLITION PLAN

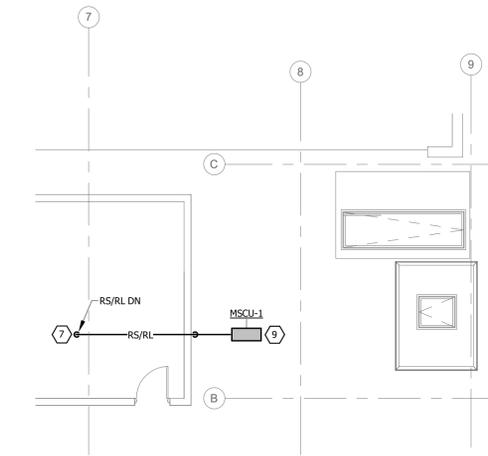
CLINTON COUNTY
 ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
 1900 NORTH THIRD STREET
 CLINTON, IA

Project Description:
 9/11/2020 3:18:43 PM C:\dwg\2019\05\10_ClinCo_Admin_Bldg_Elevator_Replacement_MDD101.dwg

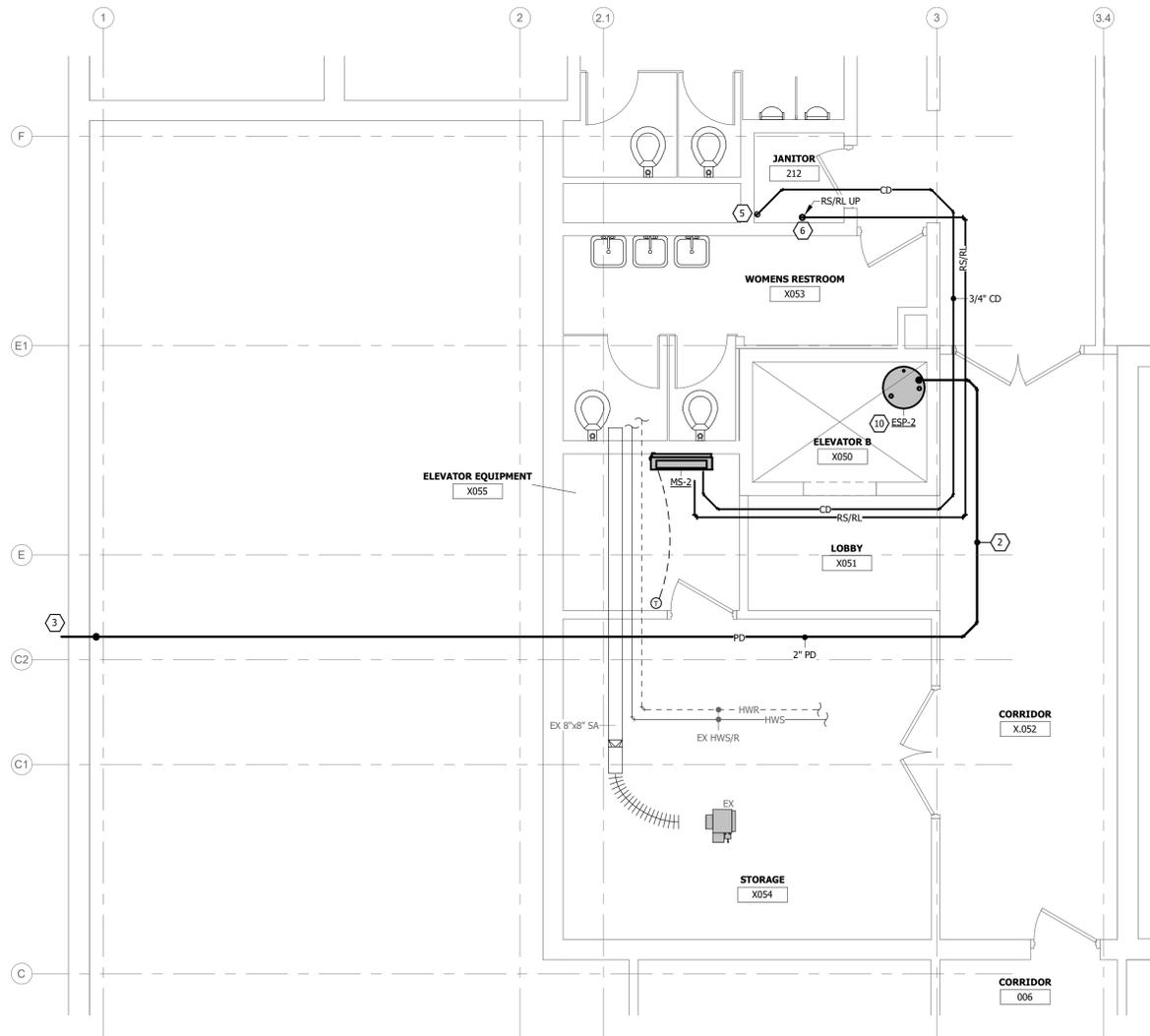
Rev	Description	Date	By



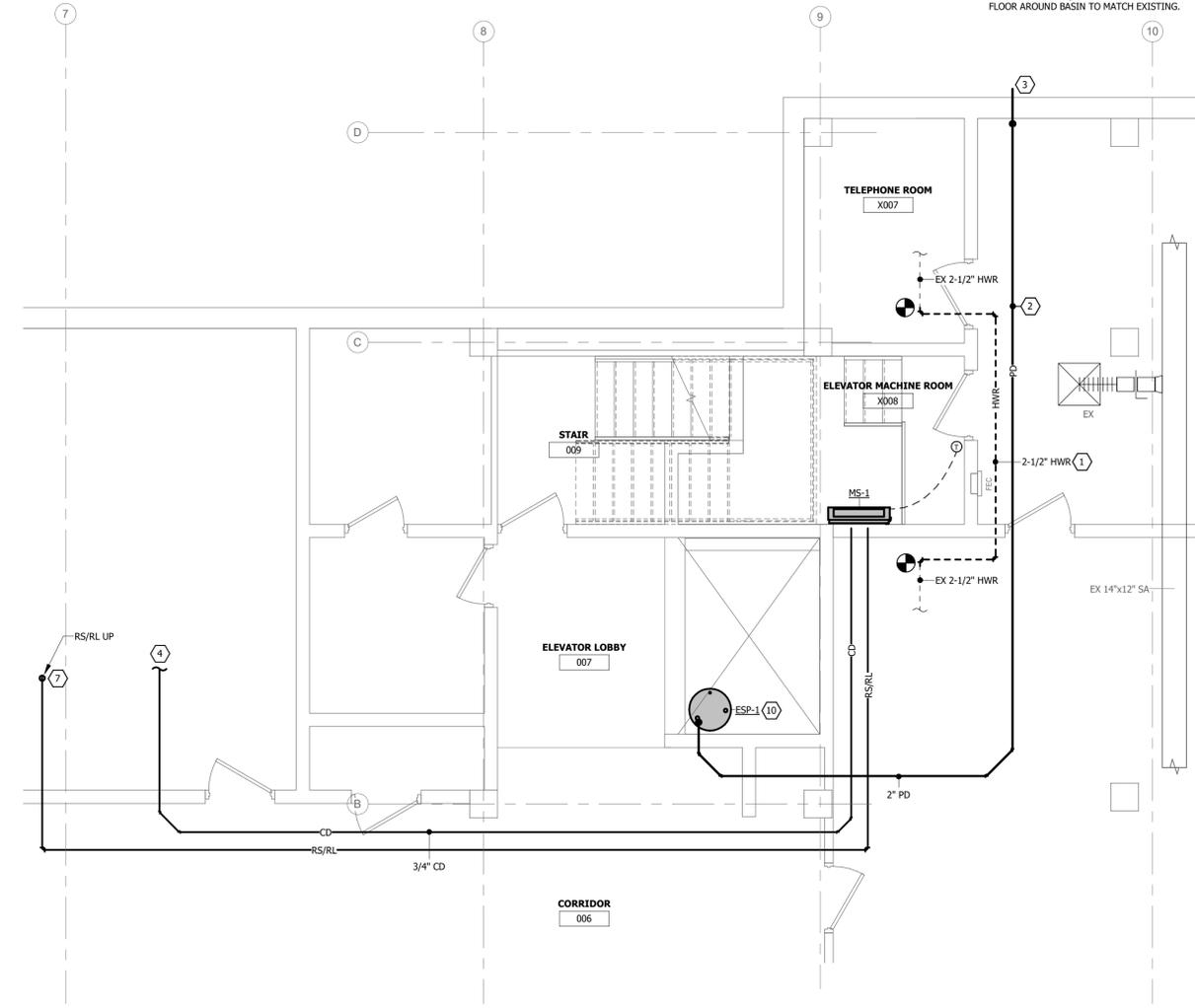
1 ROOF LEVEL SOUTH ELEVATOR PLAN
1/8" = 1'-0"



2 ROOF LEVEL NORTH ELEVATOR MECHANICAL PLAN
1/8" = 1'-0"



3 BASEMENT SOUTH ELEVATOR MECHANICAL PLAN
1/4" = 1'-0"



4 BASEMENT NORTH ELEVATOR MECHANICAL PLAN
1/4" = 1'-0"

GENERAL NOTES:

- A. LAYOUT AND ROUTING SHOWN IS DIAGRAMMATIC AND SCHEMATIC IN NATURE. NOT ALL OFFSETS MAY BE SHOWN. CONTRACTOR SHALL VERIFY EXACT ROUTING REQUIRED AND NUMBER OF OFFSETS AND TRANSITIONS.
- B. MAINTAIN SERVICE CLEARANCE IN FRONT OF AND ABOVE ELECTRICAL EQUIPMENT AND ACCESS. DO NOT INSTALL EQUIPMENT OR ROUTE DUCTS IN CLEARANCE SPACE. REFER TO EQUIPMENT INSTALLATION AND INSTRUCTIONS.
- C. COORDINATE THERMOSTAT LOCATIONS WITH CASEWORK, WALL TYPES, AND FURNISHINGS PRIOR TO ROUGH-IN.
- D. PROVIDE VOLUME CONTROL BALANCING DAMPERS ON ALL SUPPLY, RETURN, EXHAUST AIR TAPS IN ACCESSIBLE LOCATIONS FOR AIR BALANCING. INSTALL CABLE OPERATED DAMPER OR ACCESS PANEL IF DAMPER IS LOCATED ABOVE GYP CEILINGS.
- E. COORDINATE DUCT ROUTING WITH STRUCTURAL AND ALL TRADES.
- F. COORDINATE ALL EXPOSED DUCTWORK ROUTING WITH DESIGN TEAM PRIOR TO ROUGH-IN.
- G. COORDINATE SUPPLY, RETURN, AND EXHAUST GRILLE/DIFFUSER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN AND ALL TRADES.
- H. MECHANICAL CONTRACTOR SHALL REFER TO ELEVATOR INSTALLATION DETAIL.
- I. COORDINATE DUCT ROUTING IN LOCATIONS WITH EXISTING CONDITIONS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO ROUGH-IN.

REFERENCED NOTES:

- 1. ROUTE HEATING WATER PIPING AROUND ELEVATOR EQUIPMENT ROOM AS SHOWN.
- 2. ROUTE SUMP PUMP DISCHARGE LINE AS HIGH AS POSSIBLE.
- 3. SUMP PUMP DRAIN SHALL DISCHARGE TO GRADE. ROUTE PIPE TO 18" ABOVE FINISHED GRADE. INSTALL DOWNTURNED ELBOW.
- 4. ROUTE CONDENSATE DRAIN INTO MECHANICAL ROOM AND TO NEAREST FLOOR DRAIN. PIPING SHALL BE NEATLY RACKED TO A WALL AND SHALL NOT BE ROUTED ACROSS WALKWAYS.
- 5. ROUTE CONDENSATE DRAIN INTO JANITOR'S CLOSET AND DISCHARGE INTO JANITOR'S SINK.
- 6. SURFACE MOUNT REFRIGERANT PIPING TO WALL OF JANITOR'S CLOSET. PIPING SHALL BE ROUTED VERTICALLY THROUGH LEVEL 1 AND LEVEL 2 JANITOR'S CLOSETS TO THE ROOF ABOVE.
- 7. ROUTE REFRIGERANT PIPING UP THROUGH DUCT SHAFT TO PENTHOUSE ON ROOF. COORDINATE ACCESS POINTS WITH OWNER. PATCH SHAFT WALLS TO MATCH EXISTING.
- 8. LOCATION OF PIPING PENETRATION THROUGH ROOF. REFER TO DETAIL. PATCH ROOF TO MATCH EXISTING. ROOFING WARRANTY SHALL BE MAINTAINED.
- 9. UNIT SHALL BE INSTALLED A MINIMUM OF 10'-0" AWAY FROM EDGE OF ROOF.
- 10. CUT FLOOR AS REQUIRED FOR INSTALLATION OF SUMP BASIN. PATCH FLOOR AROUND BASIN TO MATCH EXISTING.

Rev	Description	Date	By

MINI-SPLIT INDOOR UNIT SCHEDULE							
UNIT TAG	MANUFACTURER	MODEL	SEER	COOLING CAPACITY (MBH)	CFM	ELECTRICAL	MOPD
MS-1	DAIKIN	FTK18NMVJU	19	10,900	434	NOTE 3	NOTE 3
MS-2	DAIKIN	FTK18NMVJU	19	10,900	434	NOTE 3	NOTE 3

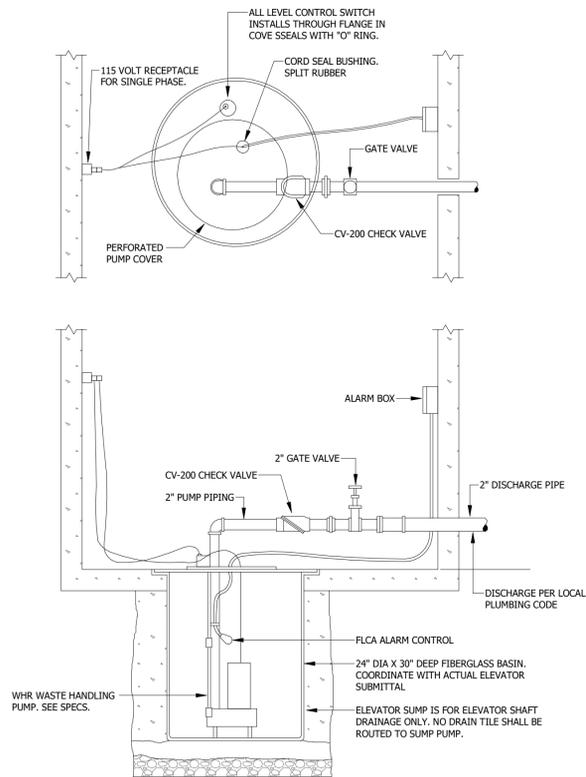
- NOTES:
1. UNITS MUST MEET A.R.I. CONDITIONS.
2. REFRIGERANT PIPING SHALL BE SIZED BY THE UNIT MANUFACTURER.
3. SPLIT SYSTEMS SHALL HAVE A SINGLE POINT POWER CONNECTION TO THE OUTDOOR UNITS. ELECTRICAL CONTRACTOR TO WIRE BETWEEN INDOOR AND OUTDOOR UNITS.
4. PROVIDE WALL MOUNTED WIRED THERMOSTAT.

MINI-SPLIT AIR-COOLED CONDENSING UNIT SCHEDULE												
UNIT TAG	MANUFACTURER	MODEL	COOLING CAPACITY (MBH)	OUTDOOR AMBIENT (°F)	SEER	REFRIGERANT	REFRIG. LIQUID SIZE (IN)	VOLTAGE	PHASE	MCA	MOPD	NOTES
MSCU-1	DAIKIN	RK12NMVJU	10,400	95	19	R-410A	PER MFG	208V	1Ø	12.2	15	1,2
MSCU-2	DAIKIN	RK12NMVJU	10,400	95	19	R-410A	PER MFG	208V	1Ø	12.2	15	1,2

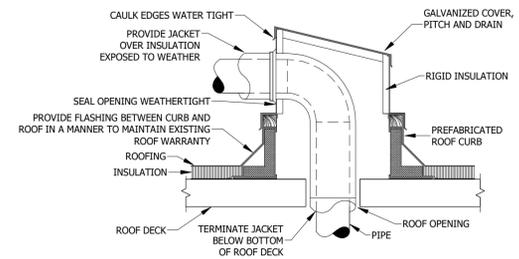
- NOTES:
1. UNIT SHALL HAVE WIND BAFFLE FOR COOLING AT LOW AMBIENT CONDITIONS.
2. UNIT SHALL BE INSTALLED ON A ROOF MOUNTING KIT (BIG FOOT # "MINI SPLIT KIT" OR EQUAL. REFER TO SPECIFICATION SECTION 23 8126.

SUMP PUMP SCHEDULE									
UNIT TAG	MANUFACTURER	SERVES	MODEL	TYPE	MOTOR HP	FLOW RATE (GPM)	HEAD PRESSURE (FT HD)	ELECTRICAL	
ESP-1	HYDRAMATIC	NORTH ELEVATOR	SP-50	SIMPLEX	1/2	50	15	120V/1Ø	
ESP-2	HYDRAMATIC	SOUTH ELEVATOR	SP-50	SIMPLEX	1/2	50	15	120V/1Ø	

- NOTES:
1. COORDINATE CORD LENGTH WITH LOCATION OF NEAREST RECEPTACLE.



1 ELEVATOR SUMP PUMP DETAIL
No Scale



2 ROOF REFRIGERANT PIPE PENETRATION DETAIL
No Scale

MECHANICAL SCHEDULES & DETAILS
CLINTON COUNTY ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
1900 NORTH THIRD STREET CLINTON, IA

Rev	Description	Date	By

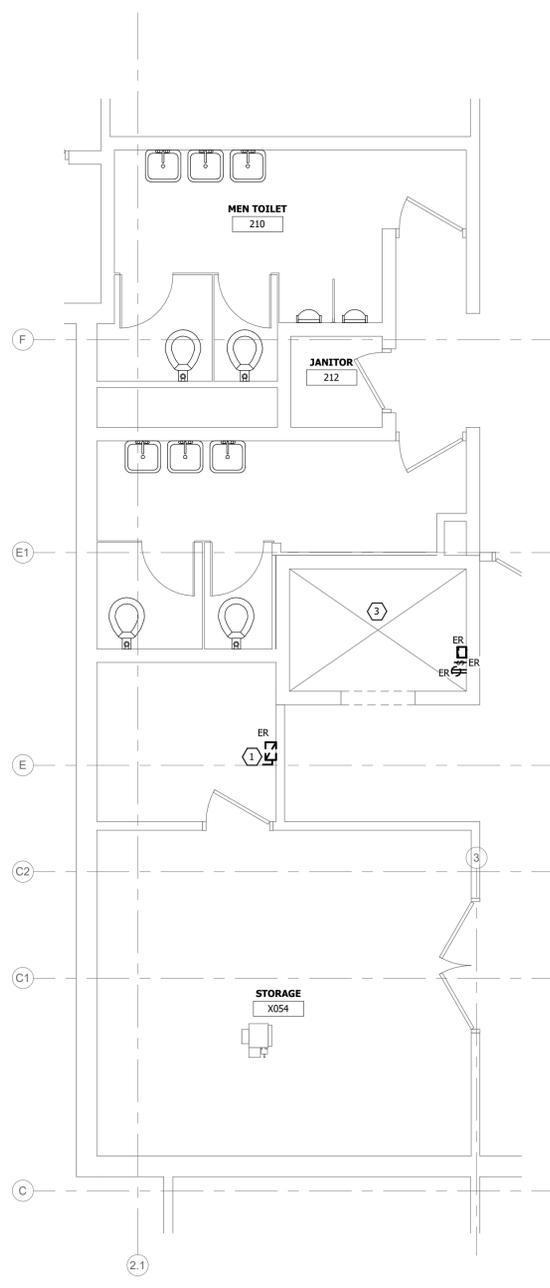
© COPYRIGHT 2020 ALL RIGHTS RESERVED
 THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF IIW, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF IIW, P.C.

DEMO GENERAL NOTES:

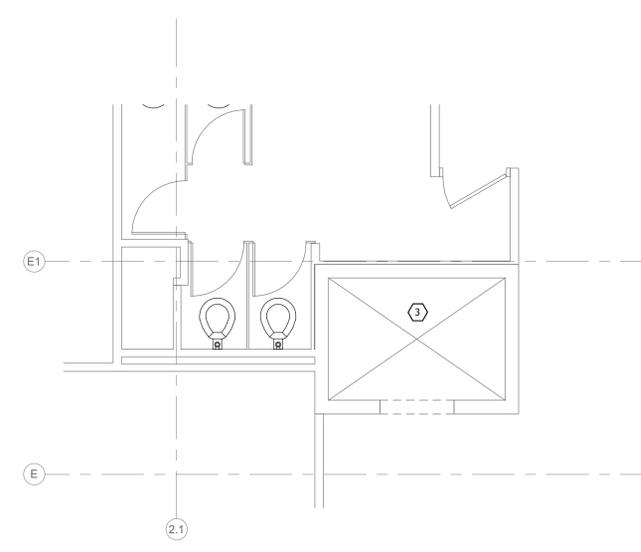
- A. DEMOLITION DRAWINGS ARE BASED ON EXISTING AVAILABLE DRAWINGS AND CASUAL FIELD OBSERVATION. ELECTRICAL CONTRACTORS SHALL FIELD VERIFY THE SITE AND INCLUDE ALL REQUIRED DEMOLITION IN THE BID.
- B. ALL REQUIRED DEMOLITION IS NOT INDICATED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL MECHANICAL AND ELECTRICAL SYSTEMS (NOT TO BE REUSED OR EXTENDED) BE REMOVED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- C. REFER TO SPECIFICATIONS AND OTHER SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
- D. REMOVE ALL ELECTRICAL CONNECTIONS, WIRING, AND CONDUIT SERVING ALL MECHANICAL EQUIPMENT TO BE REMOVED.
- E. MAINTAIN FIRE RATINGS OF AFFECTED WALLS AND FLOORS.
- F. EXISTING ELECTRICAL SYSTEMS LOCATED IN WALLS AND CHASES NOT BEING REMOVED OR REUSED FOR NEW SYSTEMS MAY BE ABANDONED IN PLACE. CAP AT MAINS OR IN A CONCEALED LOCATION IF REQUIRED.
- G. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS ON FLOOR CUTTING AND CEILING REMOVAL. CONTRACTOR SHALL COORDINATE WORK TO BE CONSISTENT WITH SCOPE OF GENERAL CONTRACTOR'S DEMOLITION.
- H. EXTERIOR FREE-STANDING ELECTRICAL AND MECHANICAL DEVICES NOT BEING REUSED SHALL BE REMOVED UNDER BASE BID UNLESS OTHERWISE NOTED. PATCH OPENING TO MATCH SURROUNDING SURFACES.
- I. **ELECTRICAL DEVICES INDICATED TO REMAIN (EX) SHALL BE REPLACED WITH A NEW DEVICE. EXISTING CONDUIT AND BACKBOX MAY BE REUSED WHERE IN GOOD CONDITION AND MEETS CURRENT CODES. PULL NEW WIRE AND REGROUP RECEPTACLES AS INDICATED.**

DEMO REFERENCED NOTES:

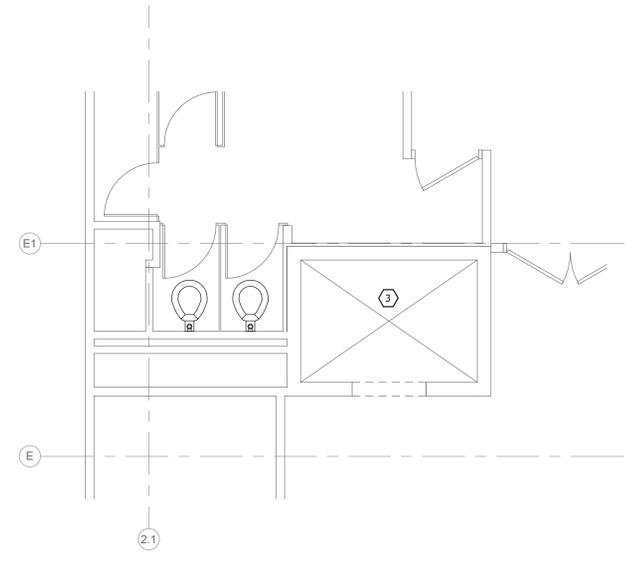
- 1. REMOVE EXISTING DISCONNECT FOR ELEVATOR CONTROL. REMOVE ALL ASSOCIATED RACEWAY AND CONDUCTORS BACK TO PANEL AND LEAVE BREAKER TO REMAIN AS SPARE.
- 2. VERIFY CONDUITS AND LOW VOLTAGE CABLES ARE ABANDONED. DEMO CONDUITS, CONDUCTORS, AND LOW VOLTAGE CABLES BACK TO SOURCE. IF IN SERVICE RELOCATE AROUND ELEVATOR EQUIPMENT ROOM.
- 3. REMOVE ALL ELECTRICAL AND LOW VOLTAGE DEVICES, RACEWAYS, AND CABLES ASSOCIATED WITH EXISTING ELEVATOR EQUIPMENT.



1 BASEMENT SOUTH ELEVATOR ELECTRICAL DEMOLITION PLAN
 1/4" = 1'-0"



2 FIRST FLOOR SOUTH ELEVATOR DEMOLITION PLAN
 1/4" = 1'-0"



3 SECOND FLOOR SOUTH DEMOLITION ELEVATOR PLAN
 1/4" = 1'-0"

SOUTH ELEVATOR ELECTRICAL DEMOLITION PLANS
 CLINTON COUNTY
 ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
 1900 NORTH THIRD STREET
 CLINTON, IA

Project Description:
 9/11/2020 3:18:38 PM C:\dwg\2019\05\10_ClinCo AD Elevator Replacement\MOE\US_818_10m20.dwg

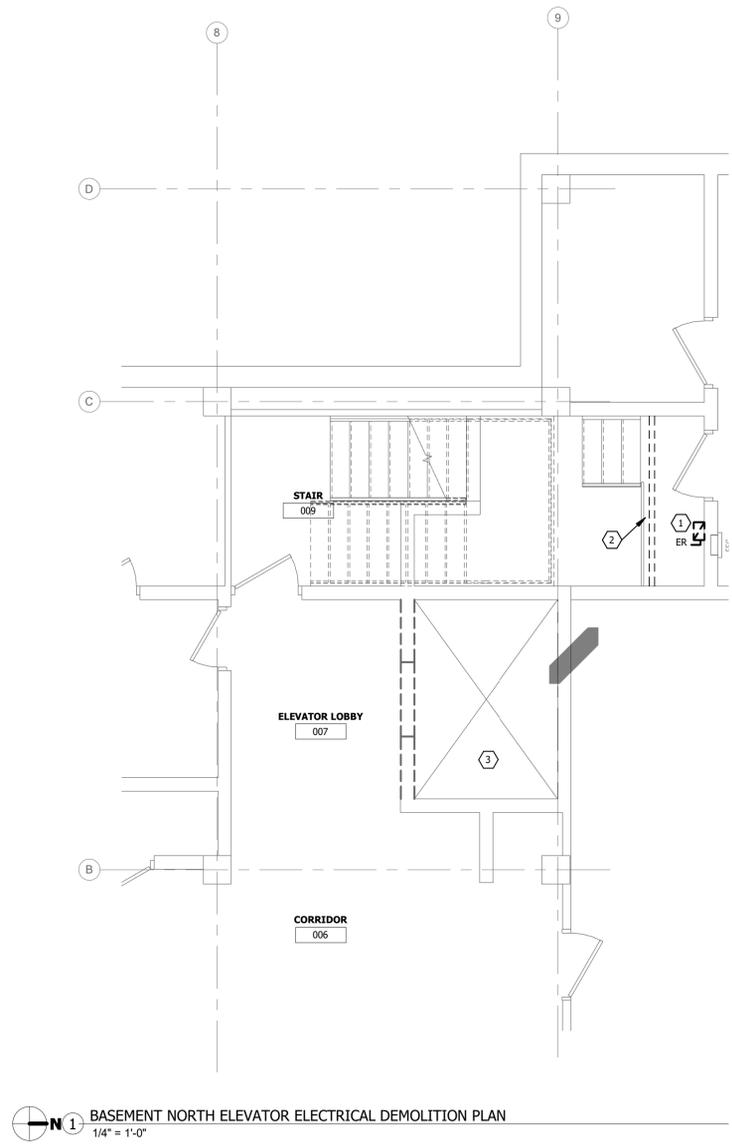
Rev	Description	Date	By

DEMO GENERAL NOTES:

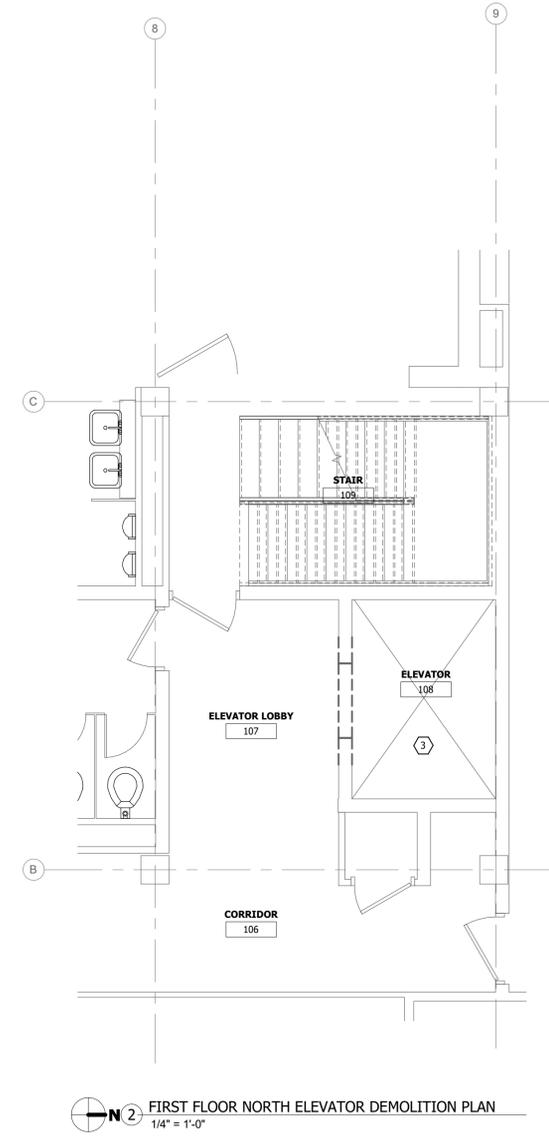
- A. DEMOLITION DRAWINGS ARE BASED ON EXISTING AVAILABLE DRAWINGS AND CASUAL FIELD OBSERVATION. ELECTRICAL CONTRACTORS SHALL FIELD VERIFY THE SITE AND INCLUDE ALL REQUIRED DEMOLITION IN THE BID.
- B. ALL REQUIRED DEMOLITION IS NOT INDICATED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL MECHANICAL AND ELECTRICAL SYSTEMS (NOT TO BE REUSED OR EXTENDED) BE REMOVED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- C. REFER TO SPECIFICATIONS AND OTHER SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
- D. REMOVE ALL ELECTRICAL CONNECTIONS, WIRING, AND CONDUIT SERVING ALL MECHANICAL EQUIPMENT TO BE REMOVED.
- E. MAINTAIN FIRE RATINGS OF AFFECTED WALLS AND FLOORS.
- F. EXISTING ELECTRICAL SYSTEMS LOCATED IN WALLS AND CHASES NOT BEING REMOVED OR REUSED FOR NEW SYSTEMS MAY BE ABANDONED IN PLACE. CAP AT MAINS OR IN A CONCEALED LOCATION IF REQUIRED.
- G. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS ON FLOOR CUTTING AND CEILING REMOVAL. CONTRACTOR SHALL COORDINATE WORK TO BE CONSISTENT WITH SCOPE OF GENERAL CONTRACTOR'S DEMOLITION.
- H. EXTERIOR FREE-STANDING ELECTRICAL AND MECHANICAL DEVICES NOT BEING REUSED SHALL BE REMOVED UNDER BASE BID UNLESS OTHERWISE NOTED. PATCH OPENING TO MATCH SURROUNDING SURFACES.
- I. **ELECTRICAL DEVICES INDICATED TO REMAIN (EX) SHALL BE REPLACED WITH A NEW DEVICE. EXISTING CONDUIT AND BACKBOX MAY BE REUSED WHERE IN GOOD CONDITION AND MEETS CURRENT CODES. PULL NEW WIRE AND REGROUP RECEPTACLES AS INDICATED.**

DEMO REFERENCED NOTES: (R)

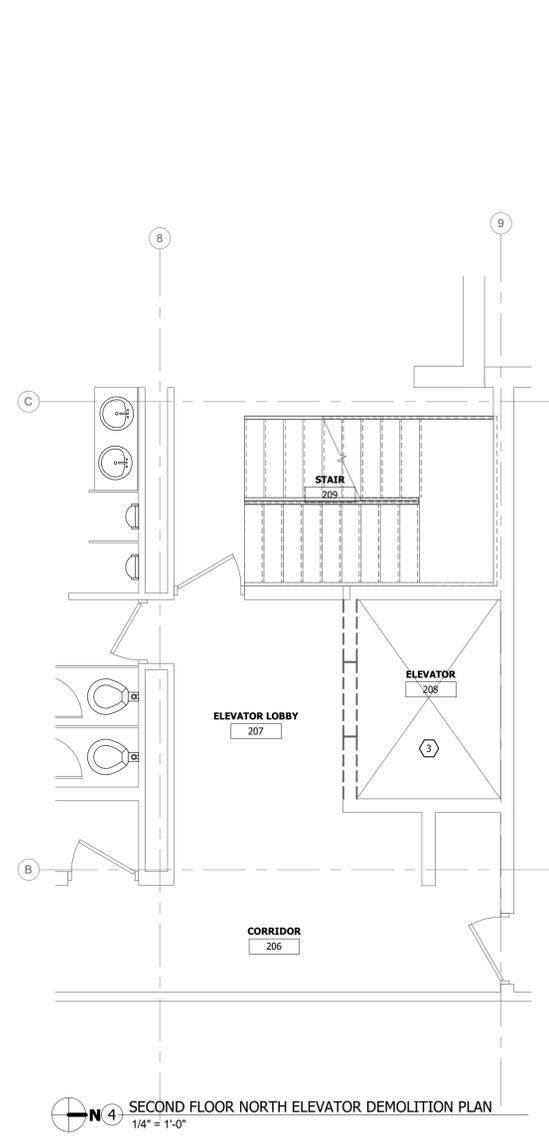
- 1. REMOVE EXISTING DISCONNECT FOR ELEVATOR CONTROL. REMOVE ALL ASSOCIATED RACEWAY AND CONDUCTORS BACK TO PANEL AND LEAVE BREAKER TO REMAIN AS SPARE.
- 2. VERIFY CONDUITS AND LOW VOLTAGE CABLES ARE ABANDONED. DEMO CONDUITS, CONDUCTORS, AND LOW VOLTAGE CABLES BACK TO SOURCE. IF IN SERVICE RELOCATE AROUND ELEVATOR EQUIPMENT ROOM.
- 3. REMOVE ALL ELECTRICAL AND LOW VOLTAGE DEVICES, RACEWAYS, AND CABLES ASSOCIATED WITH EXISTING ELEVATOR EQUIPMENT.



1 BASEMENT NORTH ELEVATOR ELECTRICAL DEMOLITION PLAN
 1/4" = 1'-0"



2 FIRST FLOOR NORTH ELEVATOR DEMOLITION PLAN
 1/4" = 1'-0"



4 SECOND FLOOR NORTH ELEVATOR DEMOLITION PLAN
 1/4" = 1'-0"

NORTH ELEVATOR ELECTRICAL DEMOLITION PLAN
 CLINTON COUNTY
 ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
 1900 NORTH THIRD STREET
 CLINTON, IA

Project Description:
 6/11/2020 3:18:39 PM C:\Work\2019\05\10_ClinCo_Elevator_Replacement\A00105_018_1000.rvt

Rev	Description	Date	By

LIGHTING FIXTURE SCHEDULE									
TYPE	BOD MANUFACTURER	MODEL NUMBER	DESCRIPTION	CONTROL	LED/CCT	DELIVERED LUMENS	WATTS	VOLTS	EQUALS
WA	COLUMBIA	LD94-35ML-RF-EU	4FT LINEAR VAPORITTE LED STRIP FIXTURE, MOUNTED IN ELEVATOR SHAFT, RIBBED FROSTED ACRYLIC LENS.	NONE	LED/3500K	4533	42	120	HE WILLIAMS, METALLUX

LIGHTING CONTROL SEQUENCE OF OPERATIONS

SEQUENCE	DESCRIPTION	DEVICES
A	LIGHTING CONTROL SHALL OPERATE MANUAL ON/MANUAL OFF.	• SINGLE ZONE THREE WAY WALL SWITCH(ES) - ON/OFF

- NOTES:**
- REFER TO SPECIFICATION 26 0943 FOR FURTHER INFORMATION.
 - PROVIDE PROPER NUMBER OF POWER PACKS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.
 - EXACT DEVICE AND POWER PACK QUANTITIES SHALL BE DETERMINED DURING CONSTRUCTION BY THE LIGHTING CONTROLS MANUFACTURER.

GENERAL NOTES:

- SURFACE RACEWAY SHALL NOT BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.
- COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND CASEWORK SUBMITTALS.
- REFER TO SPECIFICATION SECTION 26 0943 FOR ADDITIONAL DETAILS ASSOCIATED WITH THE LIGHTING CONTROLS. EACH AREA OF CONTROL SHALL HAVE A DEDICATED POWER PACK WITH ALL DEVICES SHOWN ON PLANS OPERATING TOGETHER.
- ALL LIGHTING FIXTURES SHALL BE INSTALLED IN SUCH WAY THAT DRIVERS ARE ACCESSIBLE WITHOUT CUTTING OF CEILING. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF AREAS WHERE THIS IS NOT POSSIBLE.
- ALL WALL-MOUNTED FIXTURES SHALL HAVE EXACT ROUGH-IN LOCATION DETERMINED BY DESIGN TEAM PRIOR TO ROUGH-IN.
- THE ELECTRICAL CONTRACTOR SHALL EXTEND AN "UNSWITCHED" HOT CONDUCTOR FROM THE NEAREST NORMAL LIGHTING CIRCUIT TO EVERY UL924 LISTED EMERGENCY POWER PACK/TRANSFER DEVICE AND EXIT SIGNS REQUIRED FOR EMERGENCY EGRESS OPERATION. THE "UNSWITCHED" HOT CONDUCTOR SHALL BE USED FOR SENSING PURPOSES ONLY.
- CONTRACTOR SHALL PROVIDE A UL924 RATED TRANSFER DEVICE IN ALL AREAS WHERE EMERGENCY EGRESS LIGHTING IS REQUIRED PER NFPA 101. LIGHTING CONTROLS MANUFACTURER SHALL DETERMINE EXACT QUANTITIES WITH LIGHTING CONTROL ZONES AND LAYOUTS.
- UNLESS NOTED OTHERWISE BY DESIGNATED "LIGHTING CONTROL ZONES", SWITCHES SHOWN WILL CONTROL ALL FIXTURES IN THE ROOM SHOWN.
- REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR SPECIFIC DEVICE ROUGH-IN AND PLACEMENT. ANY DEVIATIONS FROM THE ARCHITECTURAL ELEVATIONS AND RCP'S SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO ROUGH-IN. IF A DEVICE IS REQUIRED PER SPECIFICATION, REQUIRED FOR OPERATION, OR IS DIFFERENT IN CONFIGURATION THAN SHOWN ON ELEVATIONS AND RCP'S, CLARIFICATION AND DIRECTION MUST BE GIVEN BY THE ARCHITECT BEFORE ROUGH-IN. DEVIATIONS OR ADDITIONAL DEVICES NOT APPROVED PRIOR TO INSTALLATION SHALL BE CORRECTED AT CONTRACTORS EXPENSE. THIS INCLUDES BUT IS NOT LIMITED TO THERMOSTATS, CONTROL SYSTEM SENSORS, ELECTRICAL DEVICES, SWITCHES, DIMMERS, TECHNOLOGY DEVICES, A/V DEVICES, SPEAKERS, FIRE ALARM DEVICES, ETC.

REFERENCED NOTES:

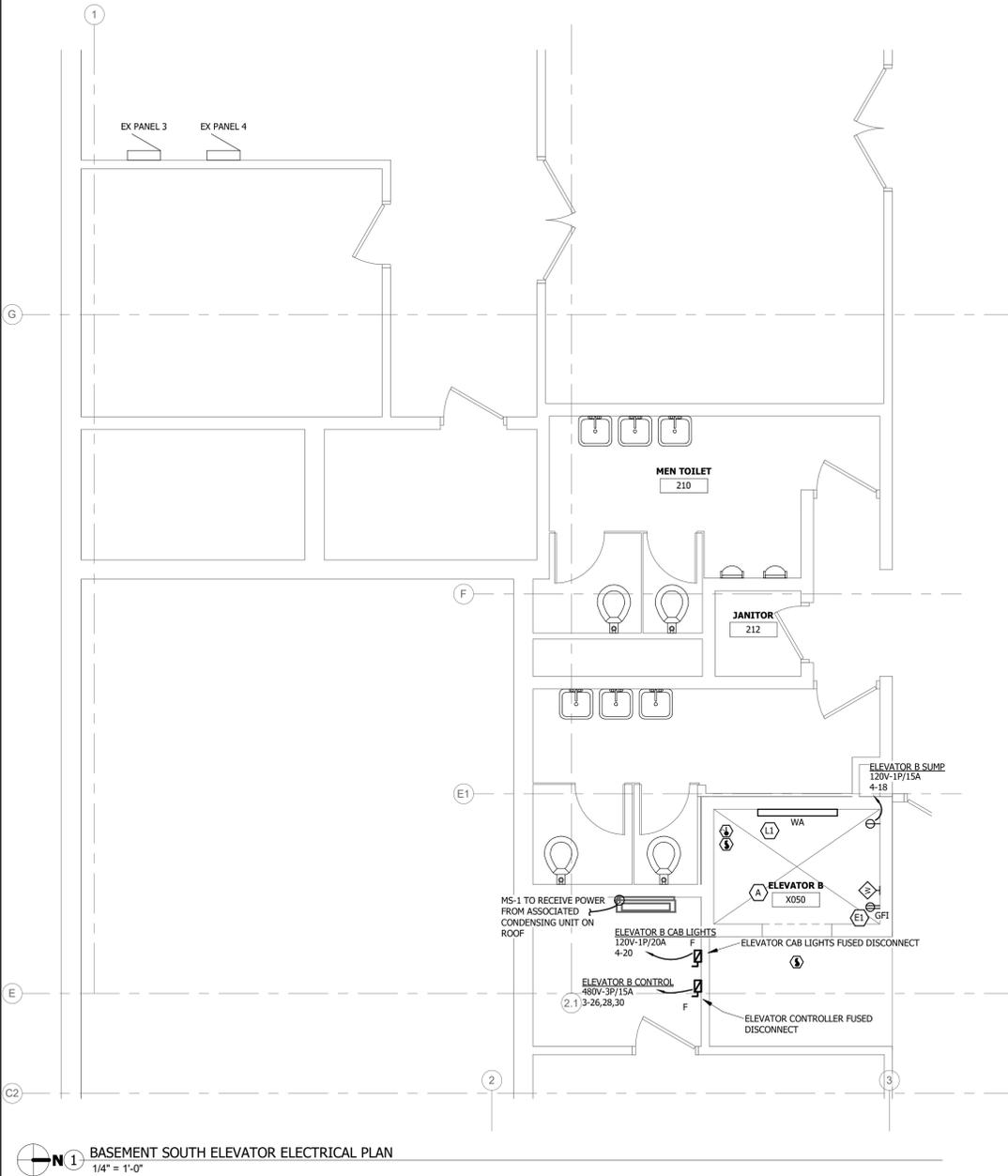
- (NOT ALL NOTES MAY BE APPLICABLE TO THIS SHEET)
- CONNECT LIGHT TO NEAREST EXISTING LIGHTING CIRCUIT.

GENERAL NOTES:

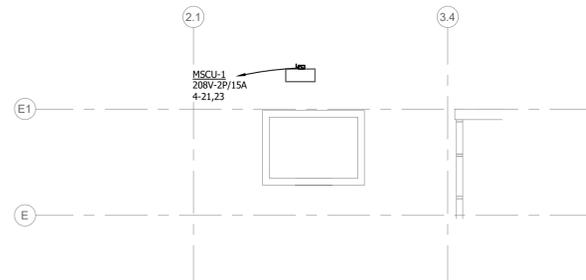
- ALL DISCONNECTS ON MECHANICAL EQUIPMENT SHALL BE MOUNTED ON STRUCTURE TO ALLOW REMOVAL OF THE EQUIPMENT FOR MAINTENANCE WITH A MINIMUM OF WIRING WORK. VERIFY NEC CLEARANCE REQUIREMENTS ARE MET PRIOR TO ROUGH-IN.
- MAINTAIN SERVICE CLEARANCE AROUND ALL MECHANICAL & ELECTRICAL EQUIPMENT. DO NOT ROUTE PIPING OR CONDUIT IN CLEARANCE SPACE.
- SURFACE RACEWAY SHALL NOT BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- ALL RECEPTACLE CIRCUITS SHALL HAVE DEDICATED NEUTRALS.
- INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.
- PROVIDE CONDUIT SLEEVES WITH INSULATED BUSHINGS SERVING ALL LOW VOLTAGE CABLING. DO NOT EXCEED 40% FILL.
- PRIOR TO ROUGH-IN, COORDINATE ALL WALL DEVICES WITH FINAL CASEWORK ELEVATIONS AND OTHER TRADES. CONFLICTS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.
- ELECTRICAL CONTRACTOR SHALL REFER TO SHEET ME01 FOR ELEVATOR INSTALLATION DETAIL. ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL DEVICES WITH THE ELEVATOR INSTALLER PRIOR TO ROUGH-IN.
- DEVICES ON WALLS BELOW MODULAR FURNITURE SHALL BE MOUNTED CENTERED AT 10" A.F.F. VERIFY EXACT LOCATIONS WITH MODULAR FURNITURE SUPPLIER PRIOR TO ROUGH-IN.
- REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR SPECIFIC DEVICE ROUGH-IN AND PLACEMENT. ANY DEVIATIONS FROM THE ARCHITECTURAL ELEVATIONS AND RCP'S SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO ROUGH-IN. IF A DEVICE IS REQUIRED PER SPECIFICATION, REQUIRED FOR OPERATION, OR IS DIFFERENT IN CONFIGURATION THAN SHOWN ON ELEVATIONS AND RCP'S, CLARIFICATION AND DIRECTION MUST BE GIVEN BY THE ARCHITECT BEFORE ROUGH-IN. DEVIATIONS OR ADDITIONAL DEVICES NOT APPROVED PRIOR TO INSTALLATION SHALL BE CORRECTED AT CONTRACTORS EXPENSE. THIS INCLUDES BUT IS NOT LIMITED TO THERMOSTATS, CONTROL SYSTEM SENSORS, ELECTRICAL DEVICES, SWITCHES, DIMMERS, TECHNOLOGY DEVICES, A/V DEVICES, SPEAKERS, FIRE ALARM DEVICES, ETC.
- CEILING CONTRACTOR SHALL PROVIDE AND INSTALL CEILING ACCESS PANELS FOR ACCESSIBILITY TO ELECTRICAL JUNCTION BOXES, PLUMBING VALVES, BALANCING DAMPERS, CIRCUIT SETTERS, ETC. WHERE ABSOLUTELY NECESSARY. LOCATIONS WILL NEED TO BE APPROVED AND COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION.

REFERENCED NOTES:

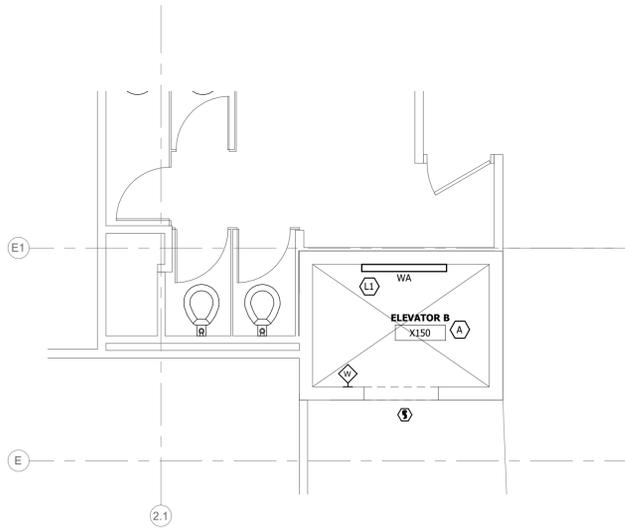
- (NOT ALL NOTES MAY APPLY TO THIS SHEET)
- REPLACE EXISTING RECEPTACLE WITH NEW GFI RECEPTACLE.
 - EXTEND EXISTING CIRCUIT FROM CONVENIENCE RECEPTACLE IN ELEVATOR PIT TO NEW RECEPTACLE.



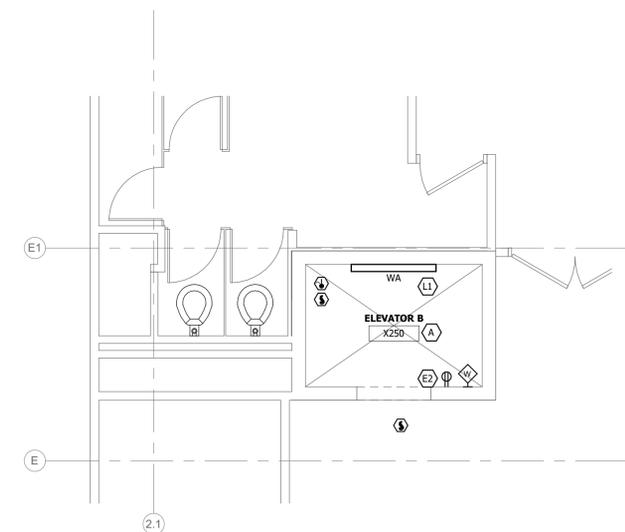
1 BASEMENT SOUTH ELEVATOR ELECTRICAL PLAN
1/4" = 1'-0"



4 ROOF LEVEL SOUTH ELEVATOR ELECTRICAL PLAN
1/8" = 1'-0"



2 FIRST FLOOR SOUTH ELEVATOR PLAN
1/4" = 1'-0"



3 SECOND FLOOR SOUTH ELEVATOR PLAN
1/4" = 1'-0"

Rev	Description	Date	By

LIGHTING FIXTURE SCHEDULE										
TYPE	BOD MANUFACTURER	MODEL NUMBER	DESCRIPTION	CONTROL	LED/CCT	DELIVERED LUMENS	WATTS	VOLTS	EQUALS	
WA	COLUMBIA	LEXM4-35ML-RF-EU	4FT LINEAR VAPORTITE LED STRIP FIXTURE, MOUNTED IN ELEVATOR SHAFT, RIBBED FROSTED ACRYLIC LENS.	NONE	LED/3500K	4533	42	120	HE WILLIAMS, METALUX	

LIGHTING CONTROL SEQUENCE OF OPERATIONS

SEQUENCE	DESCRIPTION	DEVICES
A	LIGHTING CONTROL SHALL OPERATE MANUAL ON/MANUAL OFF.	• SINGLE ZONE THREE WAY WALL SWITCH(ES) - ON/OFF

- NOTES:**
- REFER TO SPECIFICATION 26 0943 FOR FURTHER INFORMATION.
 - PROVIDE PROPER NUMBER OF POWER PACKS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.
 - EXACT DEVICE AND POWER PACK QUANTITIES SHALL BE DETERMINED DURING CONSTRUCTION BY THE LIGHTING CONTROLS MANUFACTURER.

GENERAL NOTES:

- SURFACE RACEWAY SHALL NOT BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.
- COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND CASEWORK SUBMITTALS.
- REFER TO SPECIFICATION SECTION 26 0943 FOR ADDITIONAL DETAILS ASSOCIATED WITH THE LIGHTING CONTROLS. EACH AREA OF CONTROL SHALL HAVE A DEDICATED POWER PACK WITH ALL DEVICES SHOWN ON PLANS OPERATING TOGETHER.
- ALL LIGHTING FIXTURES SHALL BE INSTALLED IN SUCH WAY THAT DRIVERS ARE ACCESSIBLE WITHOUT CUTTING OF CEILING. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF AREAS WHERE THIS IS NOT POSSIBLE.
- ALL WALL-MOUNTED FIXTURES SHALL HAVE EXACT ROUGH-IN LOCATION DETERMINED BY DESIGN TEAM PRIOR TO ROUGH-IN.
- THE ELECTRICAL CONTRACTOR SHALL EXTEND AN "UNSWITCHED" HOT CONDUCTOR FROM THE NEAREST NORMAL LIGHTING CIRCUIT TO EVERY UL524 LISTED EMERGENCY POWER PACK TRANSFER DEVICE AND EXIT SIGNS REQUIRED FOR EMERGENCY EGRESS OPERATION. THE "UNSWITCHED" HOT CONDUCTOR SHALL BE USED FOR SENSING PURPOSES ONLY.
- CONTRACTOR SHALL PROVIDE A UL924 RATED TRANSFER DEVICE IN ALL AREAS WHERE EMERGENCY EGRESS LIGHTING IS REQUIRED PER NFPA 101. LIGHTING CONTROLS MANUFACTURER SHALL DETERMINE EXACT QUANTITIES WITH LIGHTING CONTROL ZONES AND LAYOUTS.
- UNLESS NOTED OTHERWISE BY DESIGNATED "LIGHTING CONTROL ZONES", SWITCHES SHOWN WILL CONTROL ALL FIXTURES IN THE ROOM SHOWN.
- REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR SPECIFIC DEVICE ROUGH-IN AND PLACEMENT. ANY DEVIATIONS FROM THE ARCHITECTURAL ELEVATIONS AND RCP'S SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO ROUGH-IN. IF A DEVICE IS REQUIRED PER SPECIFICATION, REQUIRED FOR OPERATION, OR IS DIFFERENT IN CONFIGURATION THAN SHOWN ON ELEVATIONS AND RCP'S, CLARIFICATION AND DIRECTION MUST BE GIVEN BY THE ARCHITECT BEFORE ROUGH-IN. DEVIATIONS OR ADDITIONAL DEVICES NOT APPROVED PRIOR TO INSTALLATION SHALL BE CORRECTED AT CONTRACTORS EXPENSE. THIS INCLUDES BUT IS NOT LIMITED TO THERMOSTATS, CONTROL SYSTEM SENSORS, ELECTRICAL DEVICES, SWITCHES, DIMMERS, TECHNOLOGY DEVICES, A/V DEVICES, SPEAKERS, FIRE ALARM DEVICES, ETC.

REFERENCED NOTES:

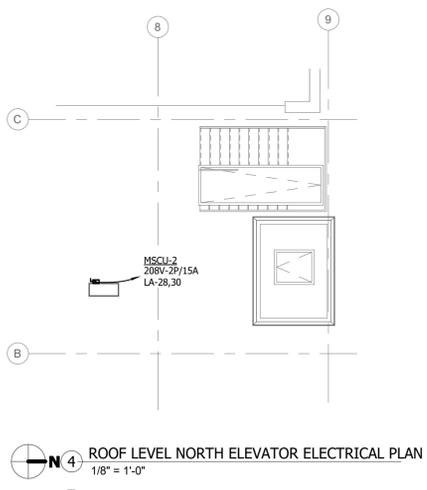
- CONNECT LIGHT TO NEAREST EXISTING LIGHTING CIRCUIT.

GENERAL NOTES:

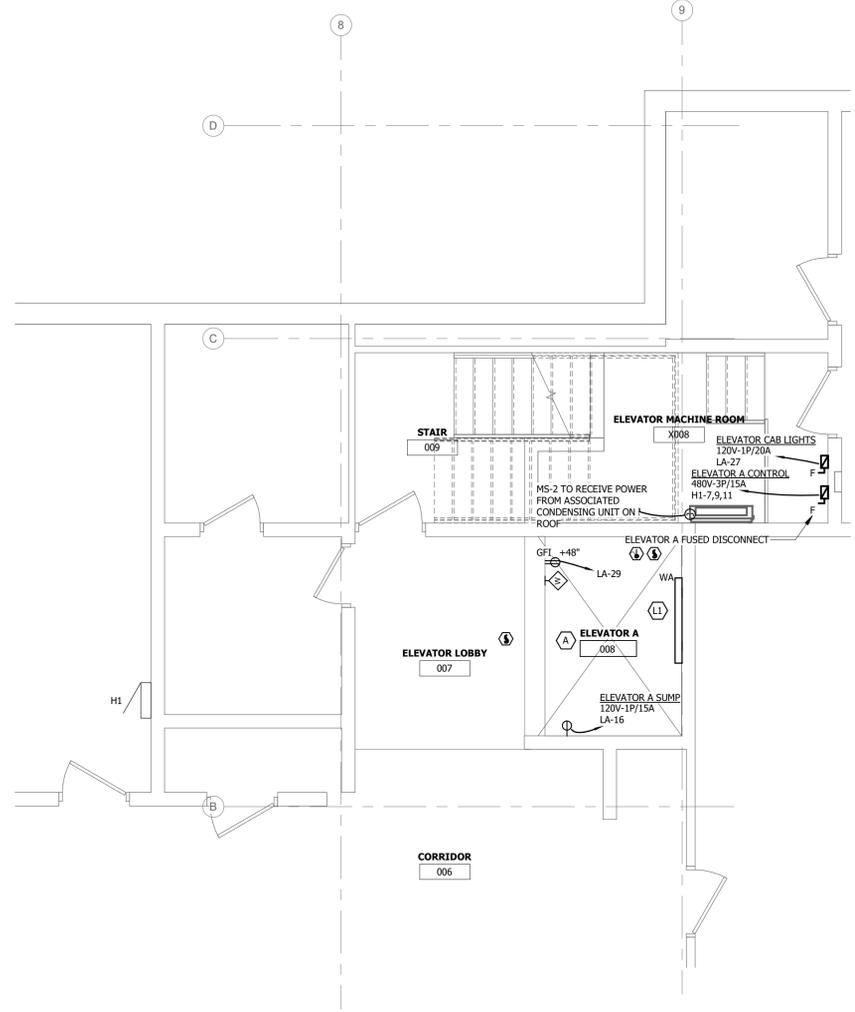
- ALL DISCONNECTS ON MECHANICAL EQUIPMENT SHALL BE MOUNTED ON STRUCTURE TO ALLOW REMOVAL OF THE EQUIPMENT FOR MAINTENANCE WITH A MINIMUM OF WIRING WORK. VERIFY NEC CLEARANCE REQUIREMENTS ARE MET PRIOR TO ROUGH-IN.
- MAINTAIN SERVICE CLEARANCE AROUND ALL MECHANICAL & ELECTRICAL EQUIPMENT. DO NOT ROUTE PIPING OR CONDUIT IN CLEARANCE SPACE.
- SURFACE RACEWAY SHALL NOT BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- ALL RECEPTACLE CIRCUITS SHALL HAVE DEDICATED NEUTRALS.
- INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.
- PROVIDE CONDUIT SLEEVES WITH INSULATED BUSHINGS SERVING ALL LOW VOLTAGE CABLING. DO NOT EXCEED 40% FILL.
- PRIOR TO ROUGH-IN, COORDINATE ALL WALL DEVICES WITH FINAL CASEWORK ELEVATIONS AND OTHER TRADES. CONFLICTS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.
- ELECTRICAL CONTRACTOR SHALL REFER TO SHEET ME001 FOR ELEVATOR INSTALLATION DETAIL. ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL DEVICES WITH THE ELEVATOR INSTALLER PRIOR TO ROUGH-IN.
- DEVICES ON WALLS BELOW MODULAR FURNITURE SHALL BE MOUNTED CENTERED AT 10" A.F.F. VERIFY EXACT LOCATIONS WITH MODULAR FURNITURE SUPPLIER PRIOR TO ROUGH-IN.
- REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR SPECIFIC DEVICE ROUGH-IN AND PLACEMENT. ANY DEVIATIONS FROM THE ARCHITECTURAL ELEVATIONS AND RCP'S SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO ROUGH-IN. IF A DEVICE IS REQUIRED PER SPECIFICATION, REQUIRED FOR OPERATION, OR IS DIFFERENT IN CONFIGURATION THAN SHOWN ON ELEVATIONS AND RCP'S, CLARIFICATION AND DIRECTION MUST BE GIVEN BY THE ARCHITECT BEFORE ROUGH-IN. DEVIATIONS OR ADDITIONAL DEVICES NOT APPROVED PRIOR TO INSTALLATION SHALL BE CORRECTED AT CONTRACTORS EXPENSE. THIS INCLUDES BUT IS NOT LIMITED TO THERMOSTATS, CONTROL SYSTEM SENSORS, ELECTRICAL DEVICES, SWITCHES, DIMMERS, TECHNOLOGY DEVICES, A/V DEVICES, SPEAKERS, FIRE ALARM DEVICES, ETC.
- CEILING CONTRACTOR SHALL PROVIDE AND INSTALL CEILING ACCESS PANELS FOR ACCESSIBILITY TO ELECTRICAL JUNCTION BOXES, PLUMBING VALVES, BALANCING DAMPERS, CIRCUIT SETTERS, ETC. WHERE ABSOLUTELY NECESSARY. LOCATIONS WILL NEED TO BE APPROVED AND COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION.

REFERENCED NOTES:

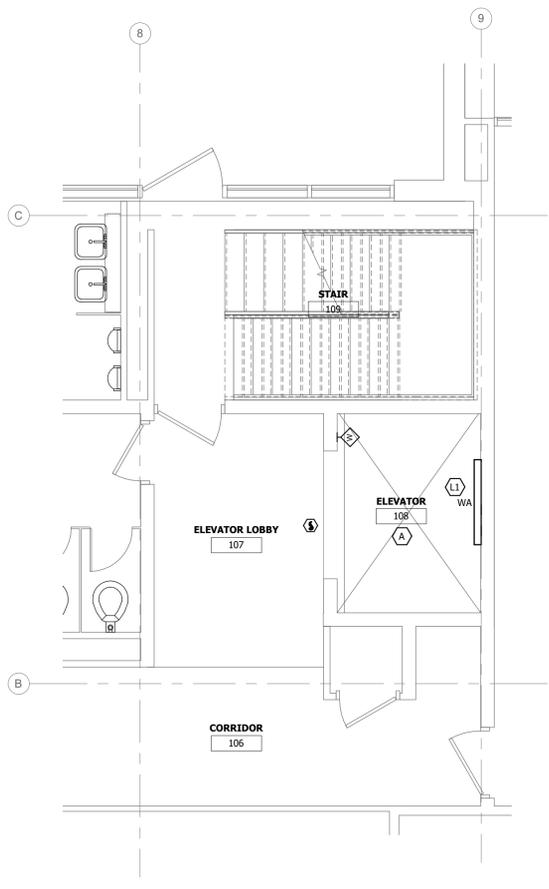
- REPLACE EXISTING RECEPTACLE WITH NEW GFI RECEPTACLE.
- EXTEND EXISTING CIRCUIT FROM CONVENIENCE RECEPTACLE IN ELEVATOR PIT TO NEW RECEPTACLE.



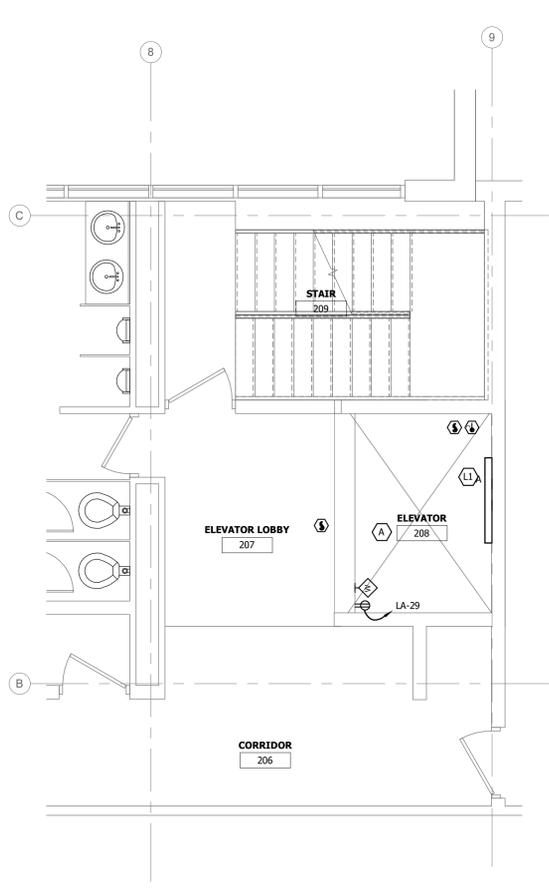
4 ROOF LEVEL NORTH ELEVATOR ELECTRICAL PLAN
1/8" = 1'-0"



1 BASEMENT NORTH ELEVATOR ELECTRICAL PLAN
1/4" = 1'-0"



2 FIRST FLOOR NORTH ELEVATOR PLAN
1/4" = 1'-0"



3 SECOND FLOOR NORTH ELEVATOR PLAN
1/4" = 1'-0"

iiw
ARCHITECTURE
CIVIL ENGINEERING
CONSTRUCTION SERVICES
ENVIRONMENTAL ENGINEERING
LAND SURVEYING
MUNICIPAL ENGINEERING
STRUCTURAL ENGINEERING
TRANSPORTATION ENGINEERING
INTEGRITY. EXPERTISE. SOLUTIONS.

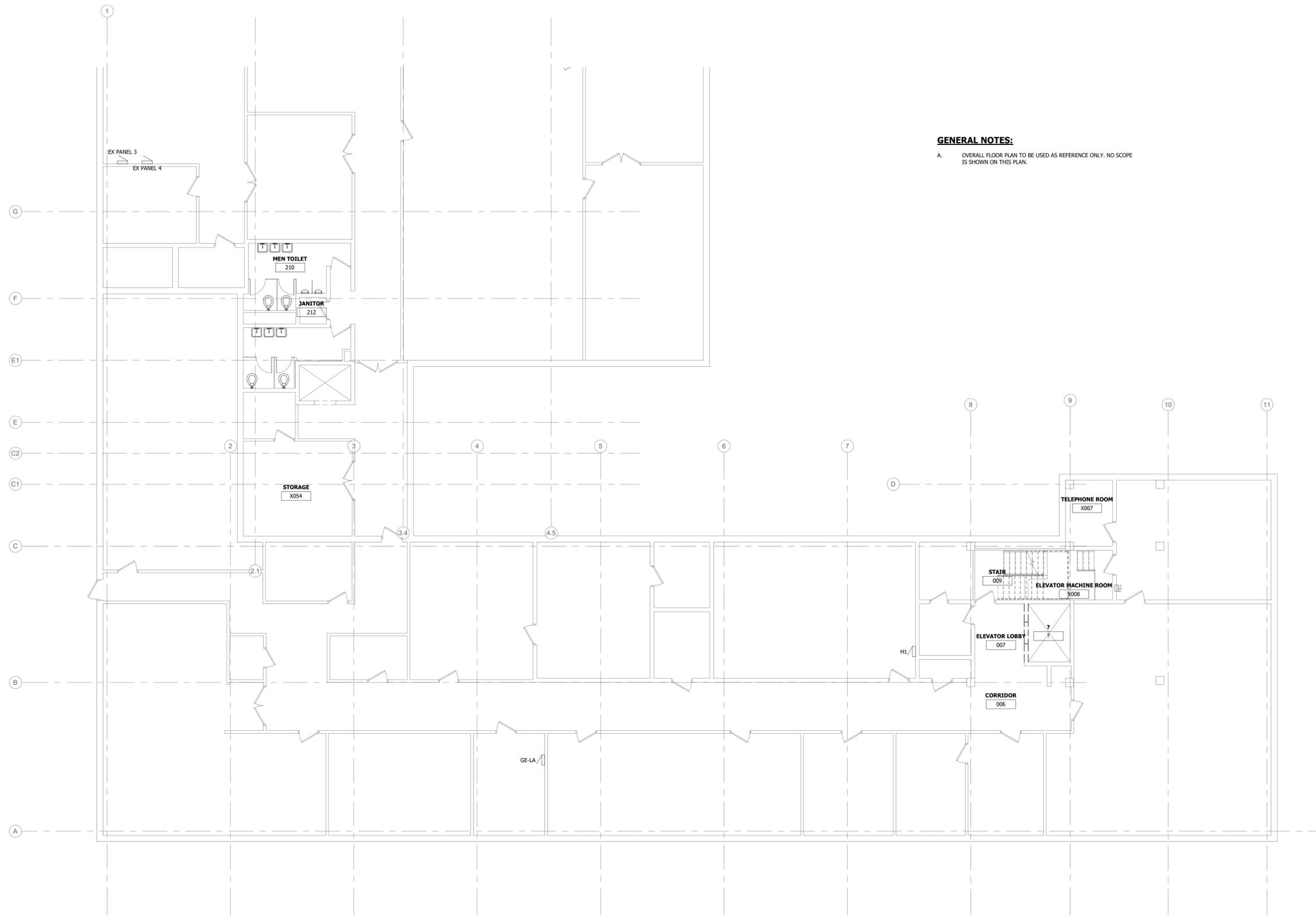
© COPYRIGHT 2020 ALL RIGHTS RESERVED
THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF iiw, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF iiw, P.C.

NORTH ELEVATOR ELECTRICAL PLANS
CLINTON COUNTY
ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
1900 NORTH THIRD STREET
CLINTON, IA

Rev	Description	Date	By

Sheet No: **E102**
Project No: 20034

© COPYRIGHT 2020 ALL RIGHTS RESERVED
 THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF IIW, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF IIW, P.C.



GENERAL NOTES:
 A. OVERALL FLOOR PLAN TO BE USED AS REFERENCE ONLY. NO SCOPE IS SHOWN ON THIS PLAN.

1 BASEMENT ELECTRICAL OVERALL FLOOR PLAN
 1/8" = 1'-0"

ELECTRICAL DETAILS
 CLINTON COUNTY
 ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT
 1900 NORTH THIRD STREET
 CLINTON, IA

Project Description:
 9/11/2020 3:18:34 PM C:\Rev\2019\2020\Clinton County\Replacement ELEVATOR\E501.dwg

Rev	Description	Date	By

Drawing Issue Information:
 Project Mgr: Issued for Bidding: 05.12.20
 Drawn By: Author
 Issued For Construction:

BRANCH EX PANEL 3

Location: Supply From: Mounting: Surface Enclosure: Type 1 Available Isc: EXISTING
 Volts: 480/277 Wye Phases: 3 Wires: 4
 S.C.C.R. Rating: Mains Type: MLO Mains Rating: 600 A MCB Rating: NONE SPD: NONE

Notes: EXISTING PANEL

CKT	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	CKT
3-1	CHILLER	E	20 A	3	0	0		3	20 A	E	HUMIDIFIER PANEL	3-2
3-3	--	--	--	--	0	0		--	--	--	--	3-4
3-5	--	--	--	--			0	0	--	--	--	3-6
3-7	NEW LOBERT	E	20 A	3	0	0		3	100 A	E	SPARE	3-8
3-9	--	--	--	--	0	0		--	--	--	--	3-10
3-11	--	--	--	--	0	0		0	0	--	--	3-12
3-13	AIR COMPRESSOR	E	20 A	3	0	0		3	20 A	E	DUAL SUMP PUMPS	3-14
3-15	--	--	--	--	0	0		--	--	--	--	3-16
3-17	--	--	--	--	0	0		--	--	--	--	3-18
3-19	CONDENSATE PUMPS	E	20 A	3	0	0		3	400 A	E	PANEL H1 NEW CHILLER	3-20
3-21	--	--	--	--	0	0		--	--	--	--	3-22
3-23	--	--	--	--	0	0		0	0	--	--	3-24
3-25	SPACE	--	--	--	0	0		3	15 A	E	ELEVATOR B CONTROL	3-26
3-27	SPACE	--	--	--	0	0		--	--	--	--	3-28
3-29	SPACE	--	--	--	0	0		--	--	--	--	3-30
3-31	SPACE	--	--	--	0	0		--	--	--	SPACE	3-32
3-33												3-34
3-35												3-36
3-37												3-38
3-39												3-40
3-41												3-42
Total Load:					0 VA	0 VA	0 VA					
Total Amps:					0 A	0 A	0 A					

Type Legend:
 N=NORMAL G=GFI M=MOTORIZED E=EXISTING ST=SHUNT TRIP A=ARC FAULT H=HANDLE LOCK

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	0 VA	0.00%	0 VA	Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

BRANCH EX PANEL 4

Location: Supply From: Mounting: Surface Enclosure: Type 1 Available Isc: EXISTING
 Volts: 120/208 Wye Phases: 3 Wires: 4
 S.C.C.R. Rating: Mains Type: MLO Mains Rating: 100 A MCB Rating: NONE SPD: NONE

Notes: EXISTING PANEL

CKT	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	CKT	
4-1	PUMP 6,9	E	20 A	1	0	0		1	20 A	E	OUTSIDE LIGHTS	4-2	
4-3	PUMP 8	E	20 A	1		0	0	1	20 A	E	OUTSIDE LIGHTS	4-4	
4-5	UNIT HEATERS	E	20 A	1			0	0	1	20 A	E	OUTSIDE ENTRANCE LTS	4-6
4-7	ELEC RM EX FAN	E	20 A	1	0	0		1	20 A	E	SUMP PUMP NORTH...	4-8	
4-9	EX FAN REST ROOMS	E	20 A	1		0	0	1	20 A	E	HONEYWELL CONTROLS	4-10	
4-11	OUTSIDE FLAG LIGHTS	E	20 A	1			0	0	1	20 A	E	CHEMICAL PANEL	4-12
4-13	110V TO ELEVATOR	E	20 A	1	0	0		1	20 A	E	AIR COMPRESSOR	4-14	
4-15	EXISTING CIRCUIT	E	40 A	3		0	0	1	20 A	E	FIRE ALARM	4-16	
4-17	--	--	--	--			0	180	1	15 A	G	ELEVATOR B SUMP	4-18
4-19	--	--	--	--	0	0		1	20 A	E	ELEVATOR B CAB LIGHTS	4-20	
4-21	MSCU-1		15 A	2		0	0	--	--	--	SPACE	4-22	
4-23	--	--	--	--			0	0	--	--	SPACE	4-24	
4-25	SPACE	--	--	--	0	0		--	--	--	SPACE	4-26	
4-27	SPACE	--	--	--	0	0		--	--	--	SPACE	4-28	
4-29	SPACE	--	--	--			0	0	--	--	SPACE	4-30	
4-31												4-32	
4-33												4-34	
4-35												4-36	
4-37												4-38	
4-39												4-40	
4-41												4-42	
Total Load:					0 VA	0 VA	180 VA						
Total Amps:					0 A	0 A	2 A						

Type Legend:
 N=NORMAL G=GFI M=MOTORIZED E=EXISTING ST=SHUNT TRIP A=ARC FAULT H=HANDLE LOCK

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	0 VA	0.00%	0 VA	Total Conn. Load:	0.2 kVA
Power	180 VA	100.00%	180 VA	Total Est. Demand:	0.2 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

BRANCH GE-LA

Location: Supply From: Mounting: Surface Enclosure: Type 1 Available Isc: EXISTING
 Volts: 120/208 Wye Phases: 3 Wires: 4
 S.C.C.R. Rating: Mains Type: MCB Mains Rating: 125 A MCB Rating: 125 A SPD: NONE

Notes: EXISTING PANEL

CKT	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	CKT	
LA-1	LTS B CORRIDOR/S...	E	20 A	1	0	0		1	30 A	E	GEN CONTROL PANEL	LA-2	
LA-3	LTS 1ST & 2ND FLOOR S.	E	20 A	1		0	0	1	30 A	E	GEN CONTROL PANEL	LA-4	
LA-5	SPARE	E	20 A	1			0	0	1	20 A	E	PUMP	LA-6
LA-7	EXIT LIGHT - DATA	E	20 A	1	0	0		1	20 A	E	ACCU-1	LA-8	
LA-9	EXIT LIGHT	E	20 A	1		0	0	1	20 A	E	ACCU-1	LA-10	
LA-11	EXIT LIGHT	E	20 A	1			0	0	1	20 A	E	110V REC. ACCU-1	LA-12
LA-13	LTS 1ST & 2ND FLOOR N	E	20 A	1	0	0		1	20 A	E	EMERG ELC ROOM LIGHT	LA-14	
LA-15	CORRIDOR MAIN ENT.	E	20 A	1		0	180	1	15 A	G	ELEVATOR A SUMP	LA-16	
LA-17	EXIT LTS NORTH	E	20 A	1			0	0	1	15 A	E	SPARE	LA-18
LA-19	EGRESS LIGHTS	E	20 A	1	0	0		1	15 A	E	SPARE	LA-20	
LA-21	TELEPHONE	E	20 A	1		0	0	1	15 A	E	SPARE	LA-22	
LA-23	SPARE	E	20 A	1			0	0	1	15 A	E	SPARE	LA-24
LA-25	EMERG. ELEC RM...	E	20 A	1	0	0		1	15 A	E	SPARE	LA-26	
LA-27	ELEVATOR CAB LIGHTS	E	20 A	1		0	0	2	15 A	A	MSCU-2	LA-28	
LA-29	ELEVATOR A REC.	E	20 A	1			180	0	--	--	--	LA-30	
LA-31	SPACE	--	--	--	0	0		--	--	--	SPACE	LA-32	
LA-33	SPACE	--	--	--		0	0	--	--	--	SPACE	LA-34	
LA-35	SPACE	--	--	--			0	0	--	--	SPACE	LA-36	
LA-37	SPACE	--	--	--	0	0		--	--	--	SPACE	LA-38	
LA-39	SPACE	--	--	--		0	0	--	--	--	SPACE	LA-40	
LA-41	SPACE	--	--	--			0	0	--	--	SPACE	LA-42	
Total Load:					0 VA	180 VA	180 VA						
Total Amps:					0 A	2 A	2 A						

Type Legend:
 N=NORMAL G=GFI M=MOTORIZED E=EXISTING ST=SHUNT TRIP A=ARC FAULT H=HANDLE LOCK

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	0 VA	0.00%	0 VA	Total Conn. Load:	0.4 kVA
Power	360 VA	100.00%	360 VA	Total Est. Demand:	0.4 kVA
				Total Conn. Current:	1 A
				Total Est. Demand Current:	1 A

Notes:

BRANCH H1

Location: Supply From: Mounting: Surface Enclosure: Type 1 Available Isc: EXISTING
 Volts: 480/277 Wye Phases: 3 Wires: 4
 S.C.C.R. Rating: Mains Type: MLO Mains Rating: 400 A MCB Rating: NONE SPD: NONE

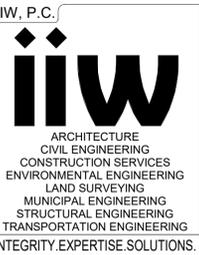
Notes: EXISTING PANEL

CKT	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	CKT
H1-1	TOWER PUMP	E	20 A	3	0	0		3	20 A	E	SPARE	H1-2
H1-3	--	--	--	--		0	0	--	--	--	--	H1-4
H1-5	--	--	--	--			0	0	--	--	--	H1-6
H1-7	ELEVATOR A CONTROL		15 A	3	0			--	--	--	--	H1-8
H1-9	--	--	--	--		0		--	--	--	--	H1-10
H1-11	--	--	--	--			0	--	--	--	--	H1-12
H1-13	CHILLER	E	225 A	3	0			1	20 A	E	EMERG ELC ROOM LIGHT	H1-14
H1-15	--	--	--	--		0		--	--	--	--	H1-16
H1-17	--	--	--	--			0	--	--	--	--	H1-18
Total Load:					0 VA	0 VA	0 VA					
Total Amps:					0 A	0 A	0 A					

Type Legend:
 N=NORMAL G=GFI M=MOTORIZED E=EXISTING ST=SHUNT TRIP A=ARC FAULT H=HANDLE LOCK

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	0 VA	0.00%	0 VA	Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:



© COPYRIGHT 2020 ALL RIGHTS RESERVED THESE DOCUMENTS HAVE BEEN PREPARED SPECIFICALLY FOR THIS PROJECT ONLY. ALL SCALES BASED ON 24x36 FULL SIZE SHEET. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT THE PERMISSION OF IIW, P.C. ALL INFORMATION IN THIS DOCUMENT IS CONSIDERED PROPERTY OF IIW, P.C.

ELECTRICAL SCHEDULES

CLINTON COUNTY ADMINISTRATIVE BUILDING ELEVATOR REPLACEMENT 1900 NORTH THIRD STREET CLINTON, IA

Rev	Description	Date	By