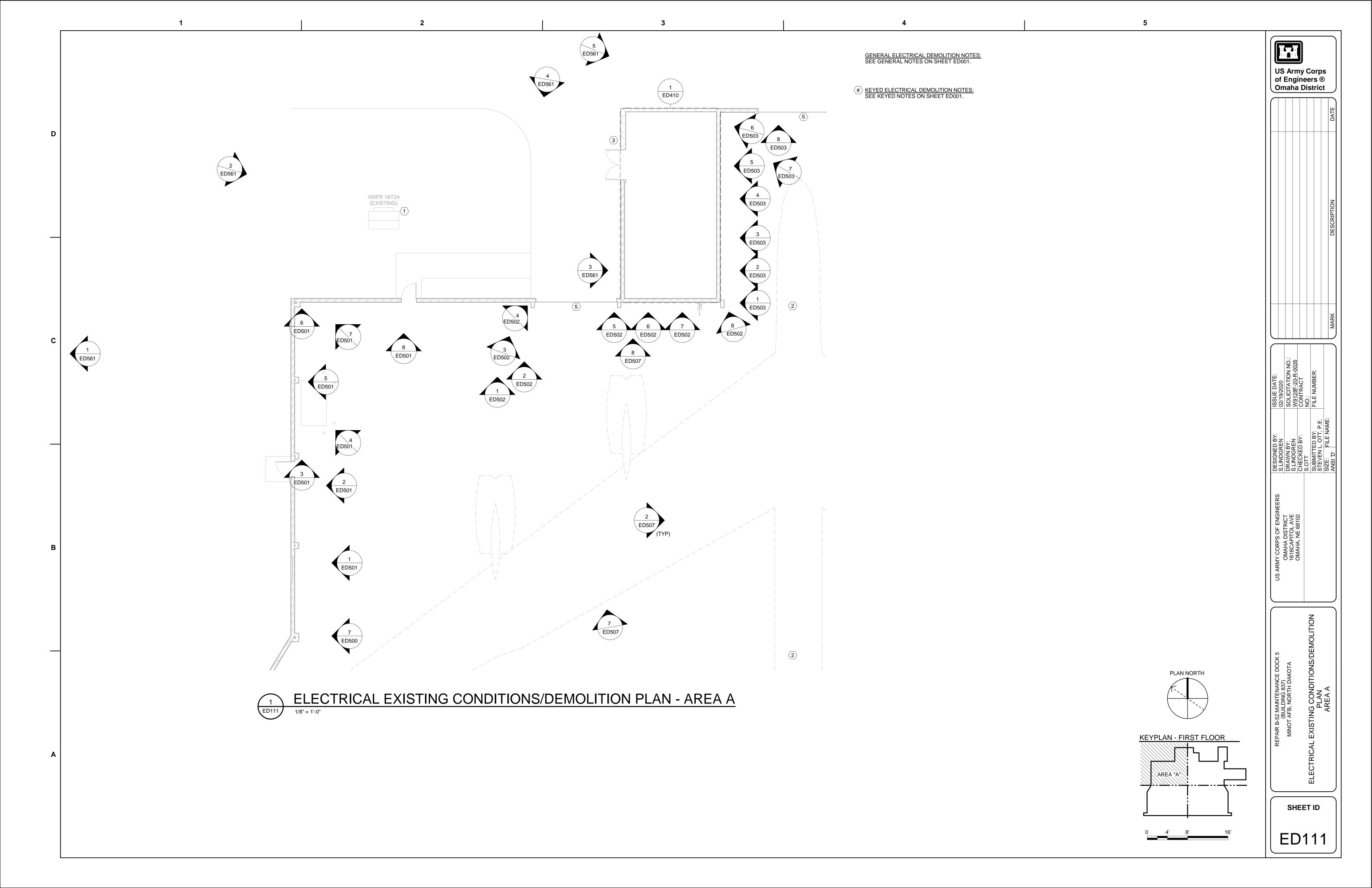
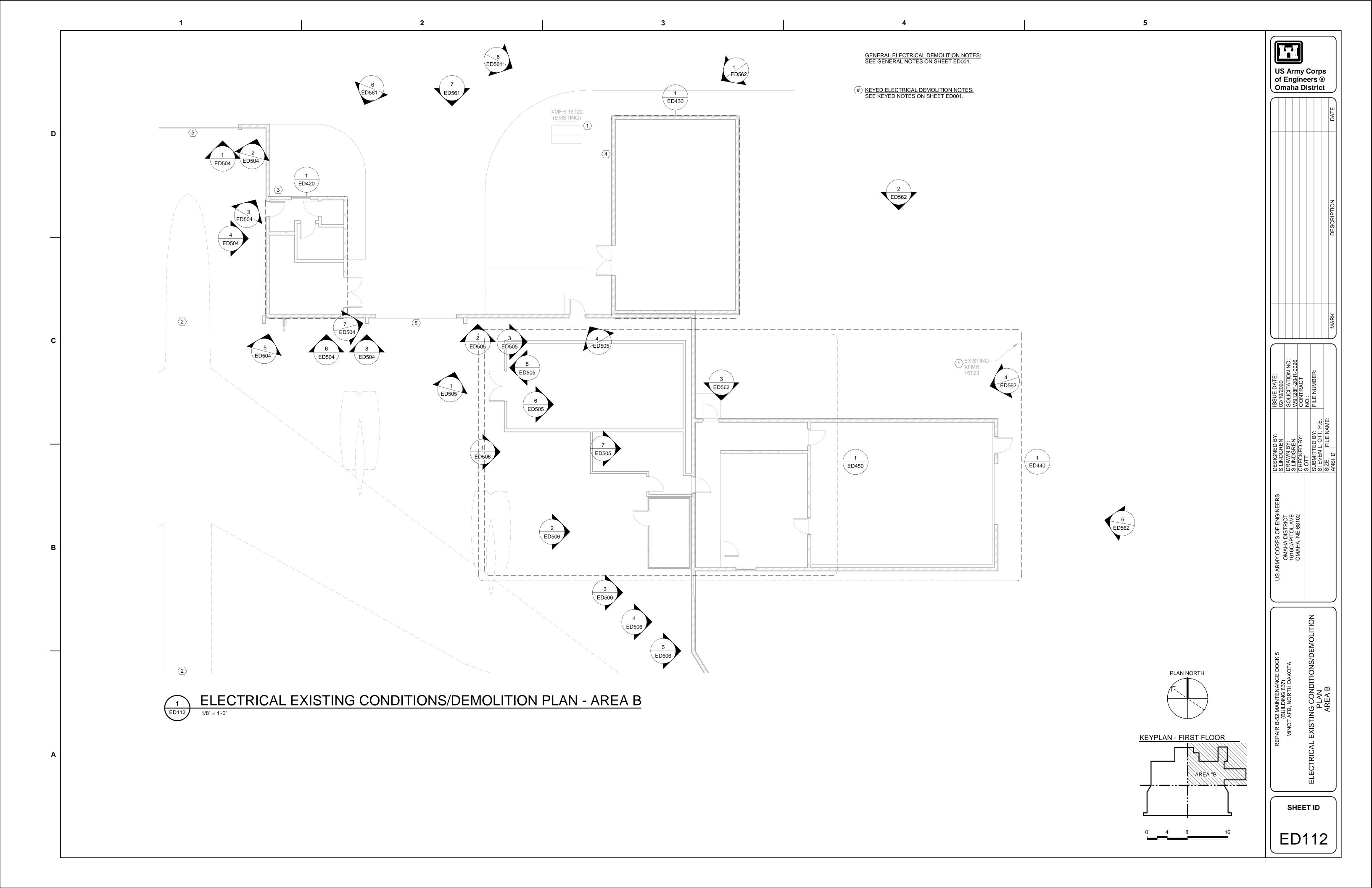
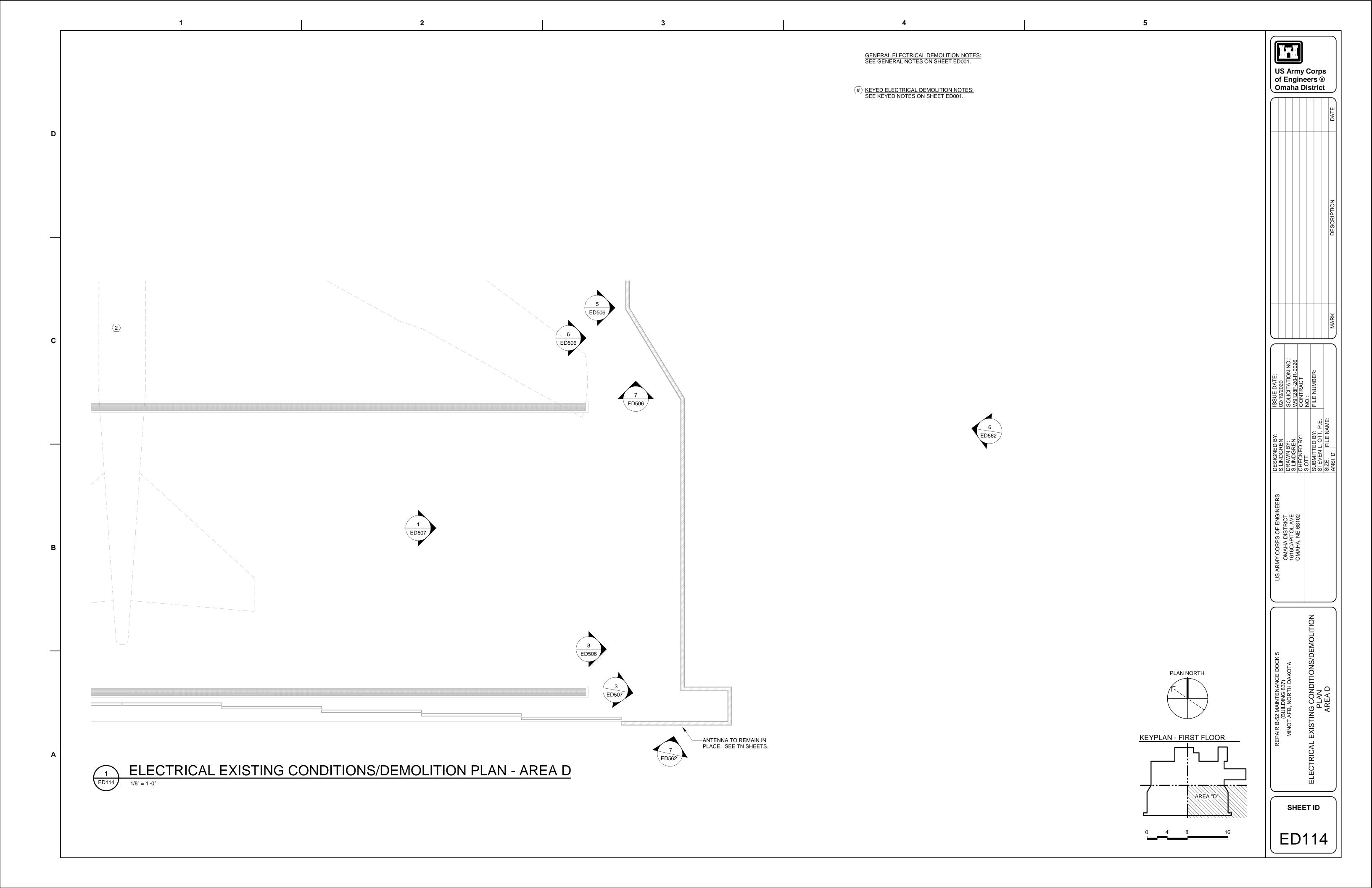
GENERAL ELECTRICAL DEMOLITION NOTES: (APPLICABLE TO ALL ED SHEETS) (#) KEYED ELECTRICAL DEMOLITION NOTES: (APPLICABLE TO ALL ED PLANS) 1. EXISTING BUILDING TRANSFORMER TO REMAIN IN PLACE. TRANSFORMER SECONDARY CONDUCTORS TO BUILDING EQUIPMENT IDENTIFIED FOR 1. ELECTRICAL DEMOLITION SHEET KEYED NOTES AND PHOTOS ARE INCLUDED TO DEPICT EXISTING CONDITIONS FOR CLARITY AND BIDDABILITY. REMOVAL TO BE REMOVED. TRANSFORMER SECONDARY CONDUCTORS TO EQUIPMENT IDENTIFIED FOR RETENTION TO REMAIN IN PLACE (IE 25KVA 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS. TRANSFORMER, FIRE PUMP CONTROLLERS, AIRFIELD FLOOD LIGHTS). SEE SITE DEMO SHEET(S) FOR ADDITIONAL DEMOLITION AND ABANDON **US Army Corps** REQUIREMENTS. of Engineers ® 3. REFERENCES TO "HANGAR BAY" SHALL BE UNDERSTOOD TO INCLUDE 101 HANGAR (WASH) BAY AND 102 NOSE AREA. Omaha District 2. EXISTING GROUNDING POINT TO REMAIN IN PLACE. 4. ALL SWITCHGEAR, PANELBOARDS, CIRCUIT BREAKERS, DRY-TYPE TRANSFORMERS, AND FIRE ALARM COMPONENTS IDENTIFIED FOR REMOVAL SHALL BE PROTECTED AND TURNED OVER TO MINOT AFB CIVIL ENGINEERING SQUADRON. 3. EXISTING POWER SERVICE ENTRANCE. CONDUIT AND CONDUCTORS TO BE REMOVED BACK TO EXISTING TRANSFORMER. 5. THIS FACILITY CONTAINS ASBESTOS AND LEAD-CONTAINING MATERIALS AS DESCRIBED IN THE HAZARDOUS MATERIAL SURVEY DATED DECEMBER 2016. THE 4. EXISTING FIRE ALARM ANTENNA TO BE REMOVED AND REPLACED. CONTRACTOR SHALL BE RESPONSIBLE FOR ABATEMENT AND REMOVAL OF SUCH ITEMS WHEN REQUIRED BY DEMOLITION ACTIVITIES DESCRIBED IN THE DESIGN DOCUMENTS. ABATEMENT AND REMOVAL ACTIVITIES SHALL BE CONDUCTED IN COMPLIANCE WITH THE APPROPRIATE SPECIFICATIONS AND THEIR REFERENCES. 5. EXISTING PANEL DOOR OPERATOR, MOTOR, COUNTERBALANCE, AND PULLING MECHANISM TO BE REMOVED AND REPLACED PER SECTION 08 33 23. 6. EXISTING COMMUNICATIONS BACKBONE CABLES AND CONDUIT TO BE DISCONNECTED FROM EXISTING CABINET IN 109AA COMM AND REMOVED. DISCONNECTION OF 6. EXISTING PANELBOARD TO BE REMOVED. CABLES FROM EQUIPMENT SHALL BE PERFORMED BY MINOT AFB CIVIL ENGINEERING SQUADRON (5 CES)/COMMUNICATIONS SQUADRON (5 CS). COORDINATE DISCONNECTION WITH 5 CES/5 CS. NEW BACKBONE CABLES TO BE PROVIDED, SEE SHEET TN601. 7. EXISTING POWER SERVICE ENTRANCE. CONDUCTORS TO BE REMOVED BACK TO EXISTING TRANSFORMER 7. THE FOLLOWING SYSTEMS SHALL REMAIN UNTOUCHED IN PLACE UNLESS SPECIFICALLY IDENTIFIED OTHERWISE: a) FIRE PUMP CONTROLLERS AND POWER SYSTEMS CONNECTED TO THE FIRE PUMP CONTROLLERS. b) JOCKEY PUMP CONTROLLER, UNLESS REQUIRED TO MOVE TO FIT ALL EQUIPMENT ON 030 PLAN WEST WALL. c) SERVICE TRANSFORMERS OTHER THAN TERMINATIONS OF CONDUCTORS TO THE SECONDARY SPADES. d) TELECOMMUNICATIONS SERVICE FROM OUTSIDE PLANT TO ENTRANCE FACILITY IN 010 WASH EQUIPMENT ROOM. e) ALL GROUNDING SYSTEMS OTHER THAN DISCONNECTING FROM EQUIPMENT TO BE REMOVED AND RECONNECTING TO NEW EQUIPMENT. f) EQUIPMENT CONTROLS IN 010 WASH EQUIPMENT ROOM AND USER CONTROLS IN HANGAR BAY FOR THE POWER WASH UNITS (XWU-1/2/3/4). 8. THE FOLLOWING SYSTEMS SHALL BE REMOVED UNLESS SPECIFICALLY IDENTIFIED OTHERWISE: a) POWER SYSTEMS EXCEPT AS DESCRIBED IN NOTE 7(c). b) LIGHTING FIXTURES. c) LIGHTING CONTROLS, CONTACTORS, AND OTHER CONTROL COMPONENTS. d) TELEPHONES AND OTHER COMMUNICATIONS DROPS ON THE USER SIDE OF THE COMMUNICATIONS ENTRANCE FACILITY EXCEPT AS DESCRIBED IN NOTE 7(d). e) FOAM DETECTION AND NOTIFICATION, FIRE ALARM DETECTION AND NOTIFICATION, AND MASS NOTIFICATION SYSTEMS, EXCEPT AS DESCRIBED IN NOTE 7(a). f) ELECTRICAL SUPPORT (CONTROLS, STARTERS, DISCONNECTS, CONDUCTORS, AND CONDUIT) ASSOCIATED WITH HVAC EQUIPMENT REMOVED AS IDENTIFIED ON SHEET MD101, EXCEPT AS DESCRIBED IN NOTE 7(f). g) EXIT SIGNS. REMOVAL SHALL INCLUDE ASSOCIATED CONTROLS, CONDUCTORS, AND CONDUIT SHALL BE REMOVED IN ALL SPACES UNLESS OTHERWISE NOTED. SEE SHEET CD101 FOR EXTERIOR ELECTRICAL DEMOLITION, ABANDONMENT, AND REMOVAL. 9. ANY CONDUIT ASSOCIATED WITH DEMOLITION NOTE 8 WHICH ROUTES UNDERGROUND SHALL BE CUT TO FLOOR LEVEL AND PLUGGED WITH CONCRETE UNLESS OTHERWISE NOTED. ANY CONDUIT ASSOCIATED WITH DEMOLITION NOTE 8 WHICH ROUTES ABOVE GROUND SHALL BE REMOVED UNLESS OTHERWISE NOTED. 10. HIGH BAY LIGHTING SHOWN IN PHOTOS IS FROM BEFORE A RECENT FIXTURE REPLACEMENT. SEE EL SHEETS FOR RELOCATION OF NOW-EXISTING FIXTURES.

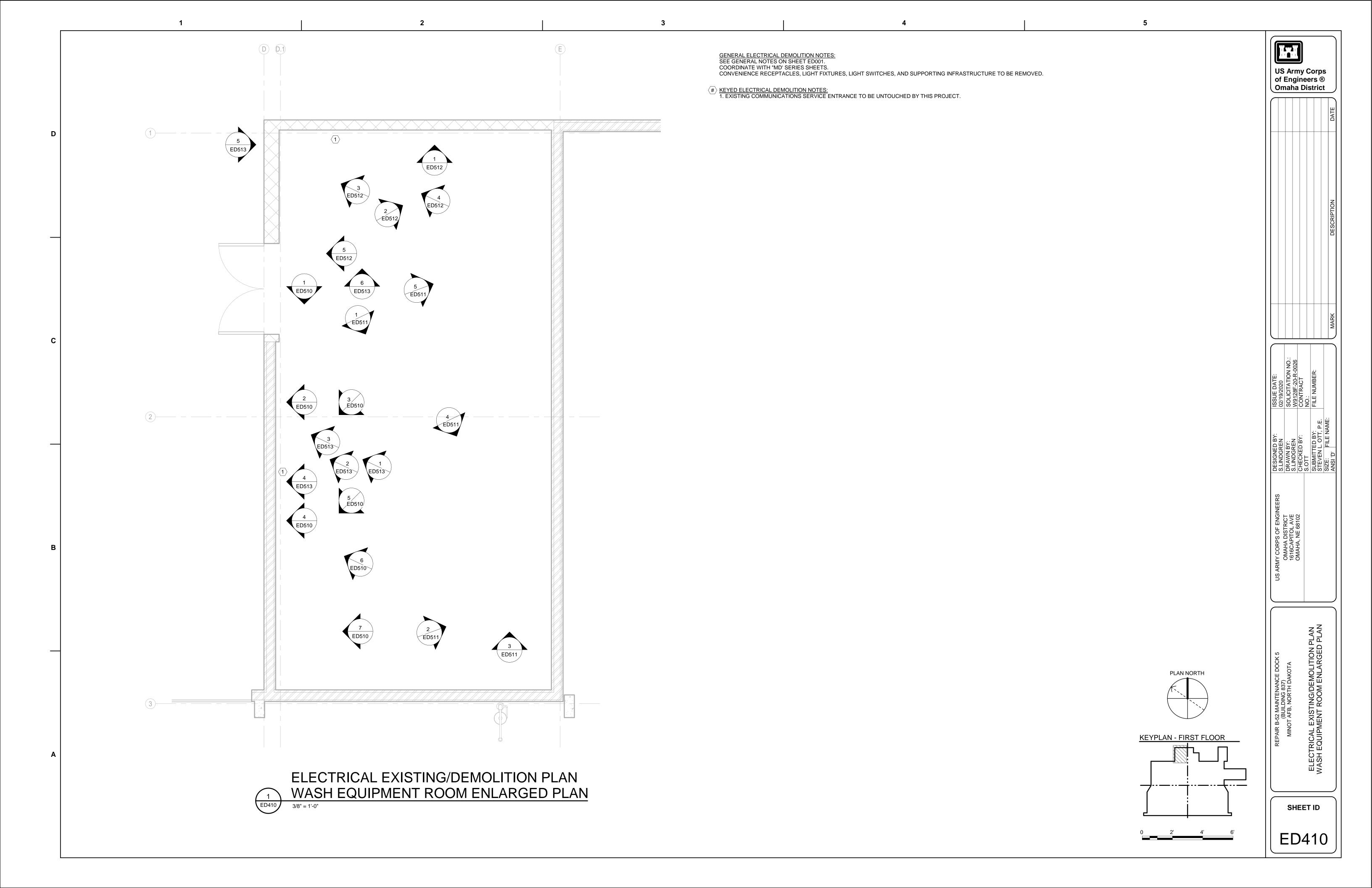






GENERAL ELECTRICAL DEMOLITION NOTES: SEE GENERAL NOTES ON SHEET ED001.





1 1 1 ELECTRICAL EXISTING/DEMOLITION PLAN EQUIPMENT ROOM ENLARGED PLAN

3/8" = 1'-0"

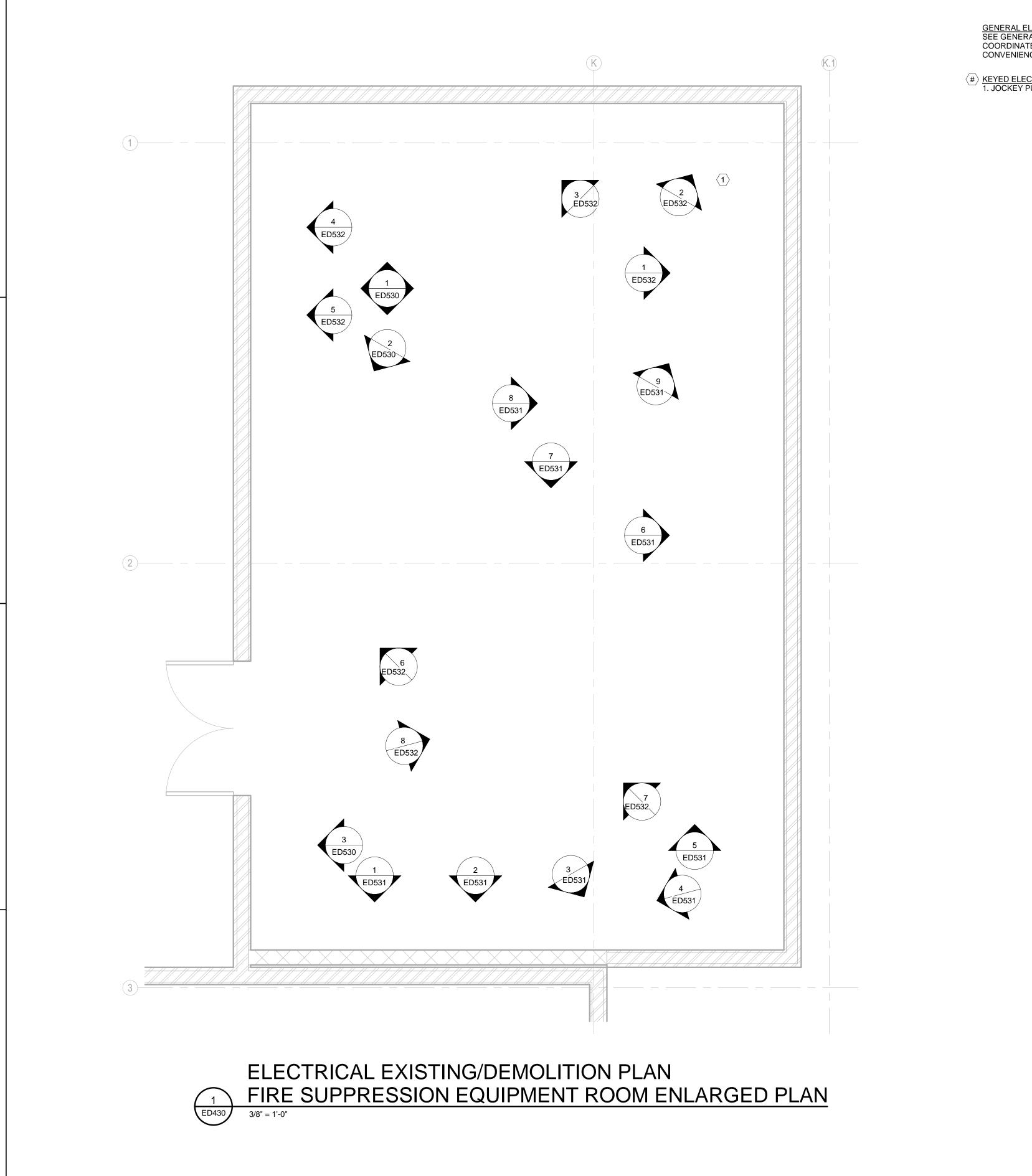
GENERAL ELECTRICAL DEMOLITION NOTES:
SEE GENERAL NOTES ON SHEET ED001.
COORDINATE WITH "MD' SERIES SHEETS.
CONVENIENCE RECEPTACLES, LIGHT FIXTURES, LIGHT SWITCHES, AND SUPPORTING INFRASTRUCTURE TO BE REMOVED.

(#) <u>KEYED ELECTRICAL DEMOLITION NOTES:</u>
1. ALL OF SUB-AREA IS TO BE DEMOLISHED (EXCEPT PERIMETER AND HANGAR WALLS..

US Army Corps of Engineers ®

Omaha District

KEYPLAN - FIRST FLOOR

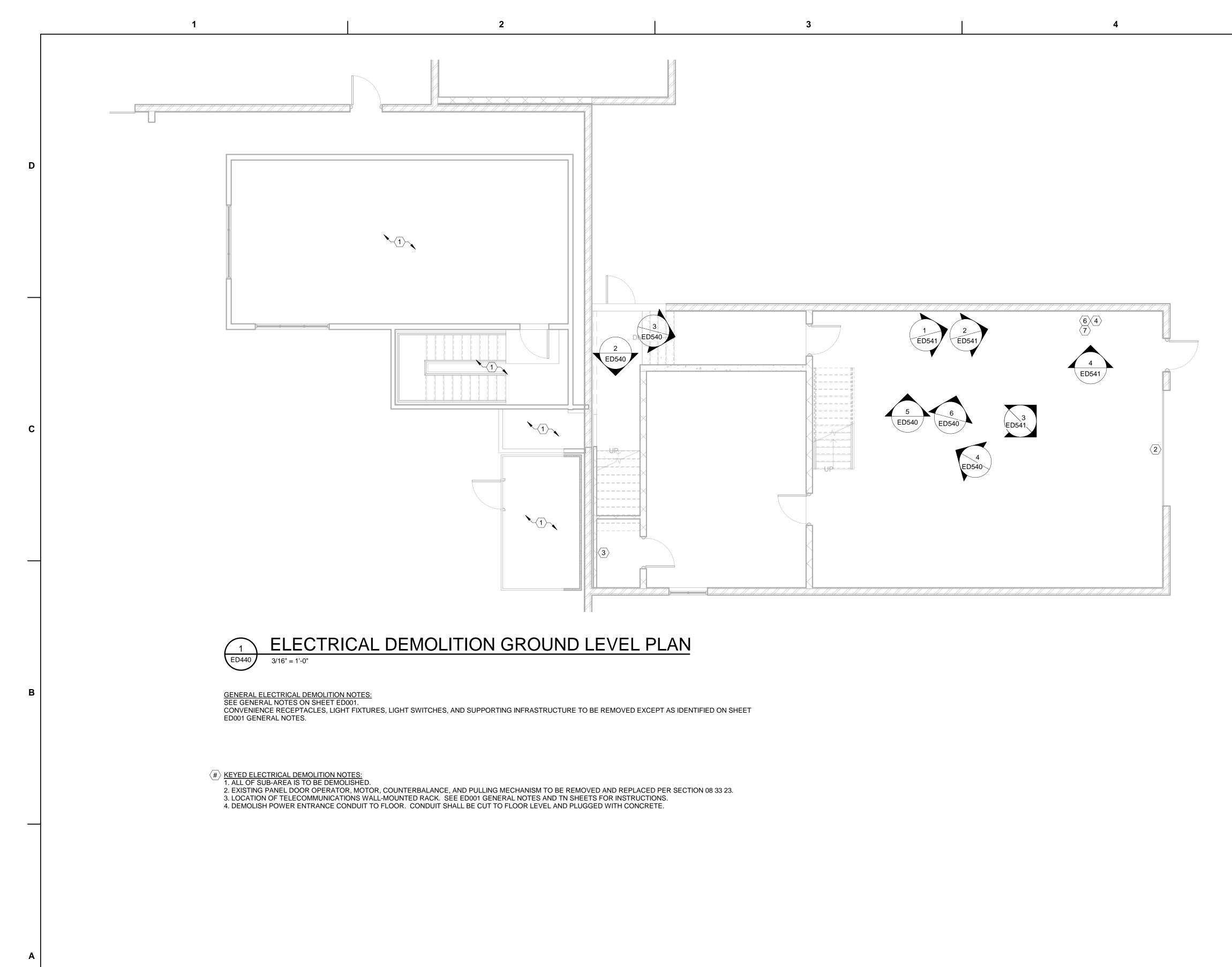


GENERAL ELECTRICAL DEMOLITION NOTES:
SEE GENERAL NOTES ON SHEET ED001.
COORDINATE WITH "FD' SERIES SHEETS.
CONVENIENCE RECEPTACLES, LIGHT FIXTURES, LIGHT SWITCHES, AND SUPPORTING INFRASTRUCTURE TO BE REMOVED.

(#) <u>KEYED ELECTRICAL DEMOLITION NOTES:</u>
1. JOCKEY PUMP SHALL REMAIN IN PLACE AND SHALL REMAIN CONNECTED TO EXISTING JOCKEY PUMP CONTROLLER (JPCP). COORDINATE WITH FA SHEETS FOR NEW JPCP LOCATION.

ED430

KEYPLAN - FIRST FLOOR

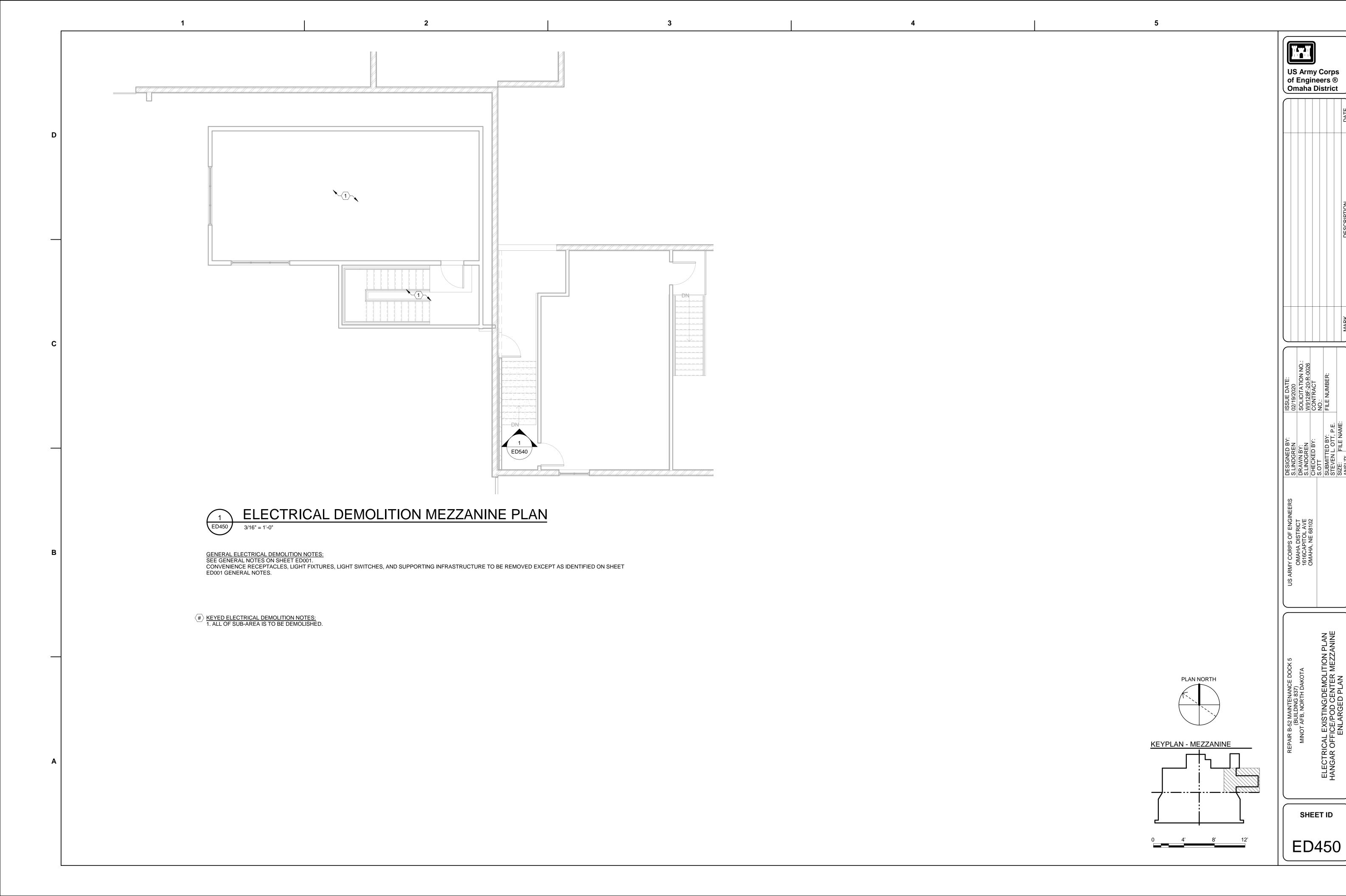


PLAN NORTH

KEYPLAN - FIRST FLOOR

SHEET ID

ED440



REMOVE TAIL DOOR CONTROL AND REPLACE AS DESCRIBED IN SECTION 08 33

-REMOVE SIGN AND REPLACE WITH NEW SIGN FOR OPERATING PROCEDURES OF NEW TAIL DOOR CONTROL (SECTION 08 33



RETAIN SIGN AND REINSTALL

ADJACENT TO NEW CONTROL-

HANGAR BAY: TAIL DOOR CTRLS

REMOVE FIRE ALARM AND FOAM INDICATORS (TYP).—

REMOVE FIRE ALARM AND FOAM STATIONS AND REPLACE AS IDENTIFIED ON FA SHEETS.—

RETAIN SIGN-

HANGAR BAY: PLAN SOUTHWEST

NOTE: HIGH BAY LIGHTING FIXTURES HAVE BEEN REPLACED SINCE PHOTOS WERE TAKEN. SEE EL SHEETS FOR UPDATED INFORMATION AND RELOCATIONS/ADDITIONS.



HANGAR BAY: PLAN SOUTHWEST

—COORDINATE WITH MECHANICAL SHEETS FOR REMOVAL. REMOVE ASSOCIATED ELECTRICAL SUPPORT. (TYP)



HANGAR BAY: PLAN WEST
N.T.S.



HANGAR BAY: PLAN SOUTHWEST



HANGAR BAY: WEST WASH STAND



SPEAKER RECEPTACLE. REMOVE AND REPLACE AS INDICATED ON EP SHEETS.—

HANGAR BAY: PLAN WEST

US Army Corps

of Engineers ®

Omaha District

SHEET ID

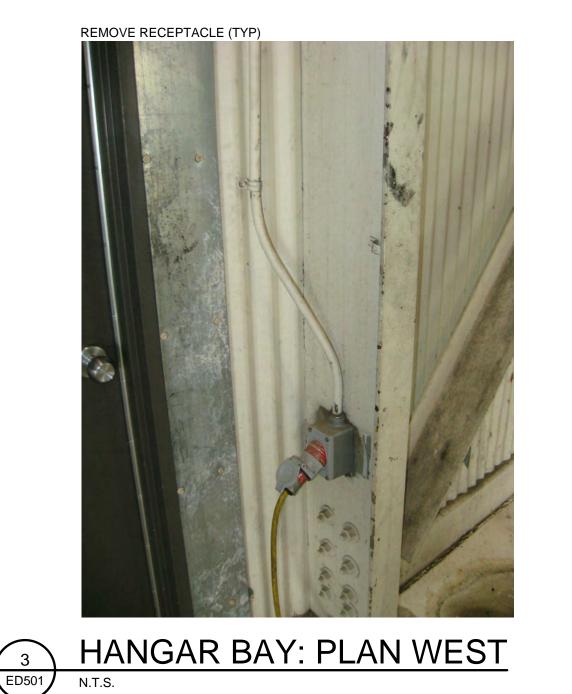


REMOVE OIL/WATER SEPARATOR CONTROL

HANGAR BAY:

PLAN NORTHWEST









HANGAR BAY:

PLAN NORTHWEST

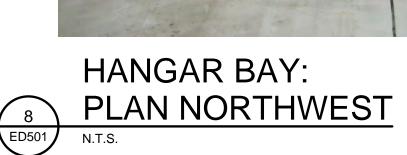


REMOVE EXIT SIGN (TYP)









SHEET ID

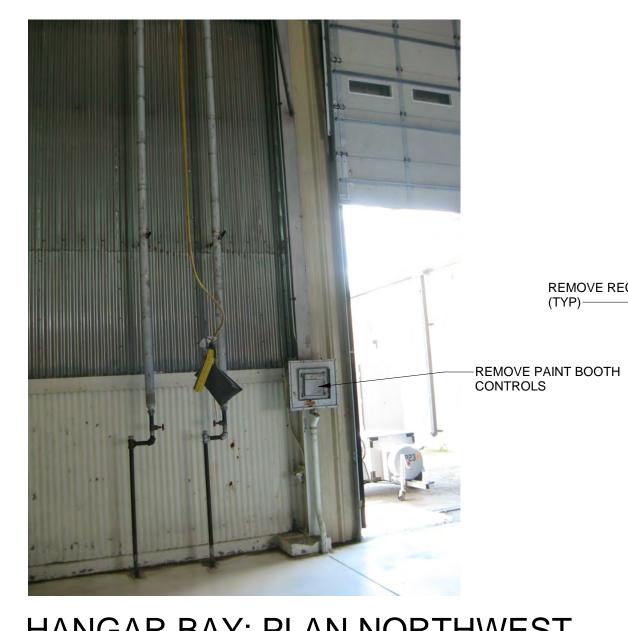
ED501

HANGAR BAY: WEST CRANE

XBC-W OPERATOR CONTROLS. SEE PHOTO 1/ED502.

HANGAR BAY: WEST CRANE

REMOVE HIGH BAY LIGHTING CONTROLS, INDICATOR, AND INSTRUCTIONS



HANGAR BAY: PLAN NORTHWEST

REMOVE PAINT BOOTH SUPPORTING INFRASTRUCTURE. SEE PHOTO 2/ED502 AND ED001 REMOVE RECEPTACLES (TYP)

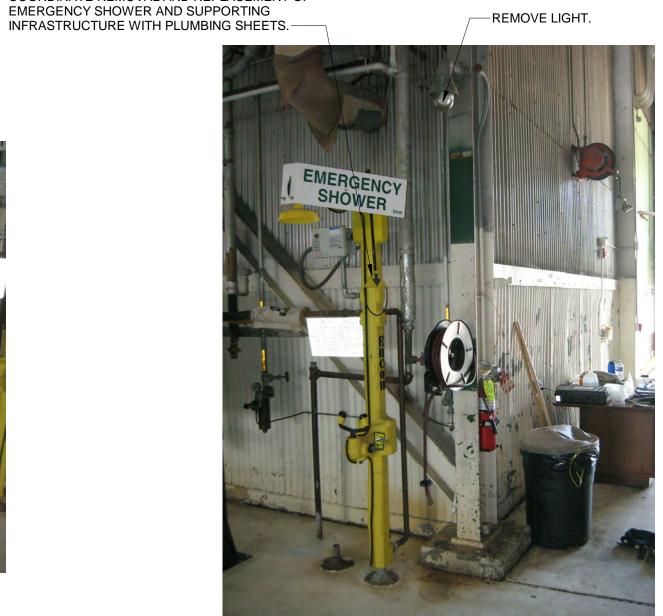
HANGAR BAY: PLAN NORTHWEST

OVERHEAD PANEL DOOR
CONTROL. REMOVE AND REPLACE
PER SECTION 08 33 23. (TYP)
ALSO REMOVE AND REPLACE
OPERATOR (TYP). SEE PHOTO REMOVE RECEPTACLE (TYP)

HANGAR BAY: PLAN NORTHWEST



HANGAR BAY: NORTHWEST WASH STAND



COORDINATE REMOVAL AND REPLACEMENT OF

HANGAR BAY: NOSE SOUTHWEST

HANGAR BAY: WEST CRANE

SHEET ID

US Army Corps of Engineers ® Omaha District

HANGAR BAY: NOSE SOUTHWEST

HANGAR BAY: NOSE SOUTHWEST

REMOVE RECEPTACLE (TYP)



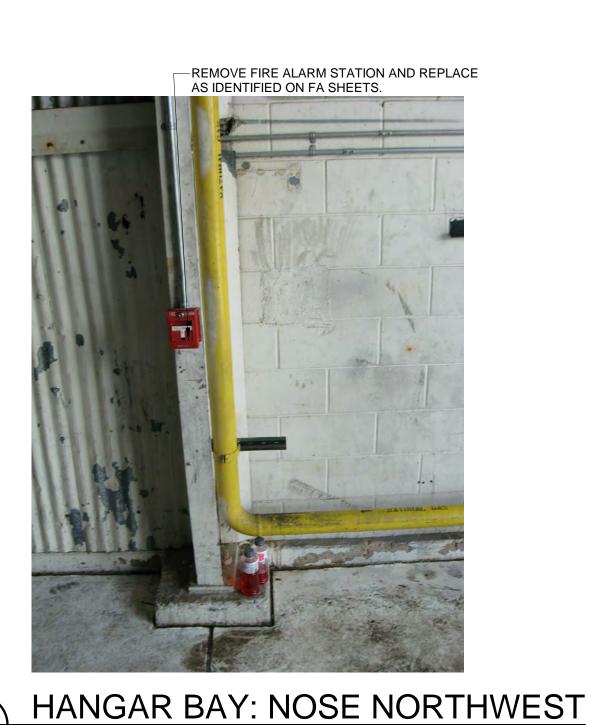
REMOVE FOAM STATION AND REPLACE AS IDENTIFIED ON FA SHEETS.

HANGAR BAY: NOSE WEST

REMOVE RECEPTACLE AND CABLE REEL AND REPLACE PER EP SHEETS (TYP)



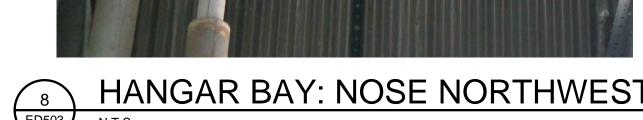
HANGAR BAY: NOSE WEST











RADIANT HEATER VACUUM PUMP. COORDINATE WITH MECHANICAL SHEETS FOR REMOVAL. REMOVE ASSOCIATED ELECTRICAL SUPPORT. (TYP)

HANGAR BAY: NOSE NORTHWEST

HANGAR BAY: NOSE NORTHWEST

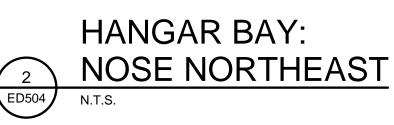
HANGAR BAY: NOSE NORTHWEST 8 ED503

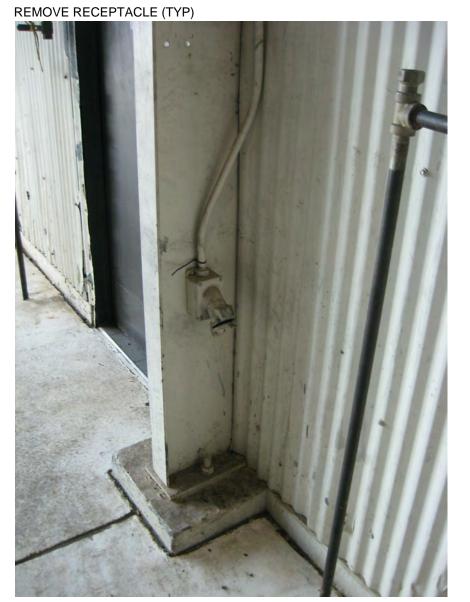
SHEET ID

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HANGAR BAY: NOSE NORTHEAST











4 HANGAR BAY: NOSE EAST

COORDINATE REMOVAL AND REPLACEMENT OF EMERGENCY SHOWER AND SUPPORTING INFRASTRUCTURE WITH PLUMBING SHEETS.



HANGAR BAY:
NOSE SOUTHEAST

N.T.S.



HANGAR BAY:

Output

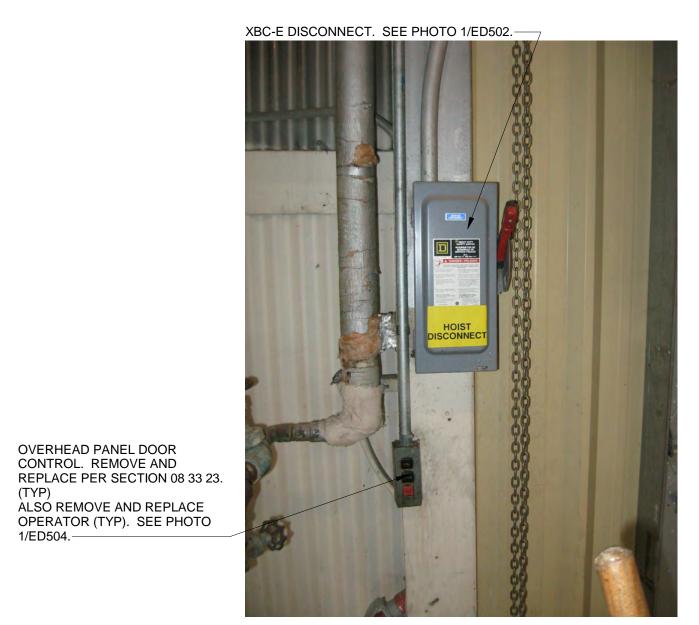
O



HANGAR BAY:

7
PLAN NORTHEAST

N.T.S.



8 HANGAR BAY: EAST CRANE
N.T.S.

REPAIR B-52 M

ELECTRICAL EXISTING CONDITION HANGAR BAY

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SHEET ID

ED504

HANGAR BAY: PLAN NORTHEAST

REMOVE RECEPTACLES (TYP)—

HANGAR BAY: PLAN NORTHEAST



REMOVE EXIT SIGN.

REMOVE FIRE ALARM AND FOAM STATIONS AND REPLACE AS IDENTIFIED ON FA SHEETS.



HANGAR BAY: PLAN NORTHEAST

RETAIN ELEVATED TAMPER SWITCH AND CONNECT TO NEW FIRE ALARM SYSTEM (TYP). COORDINATE WITH FA SHEETS.

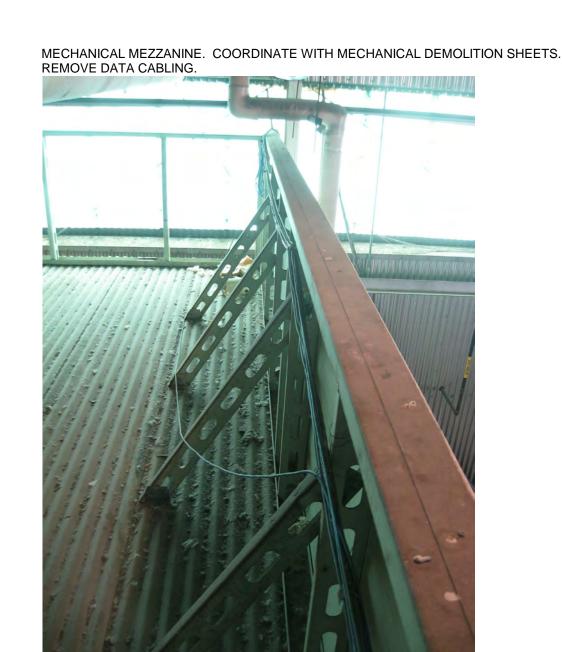
HANGAR BAY: PLAN NORTHEAST



HANGAR BAY: EAST CRANE
N.T.S.



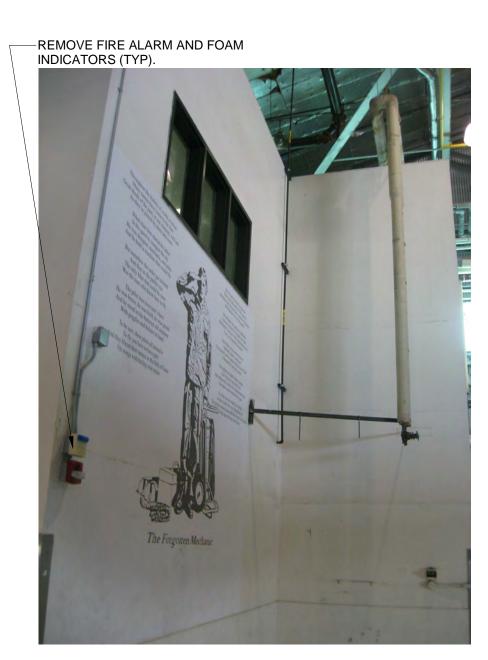
HANGAR BAY: MECH MEZZ



HANGAR BAY: MECH MEZZ

US Army Corps of Engineers ®

Omaha District



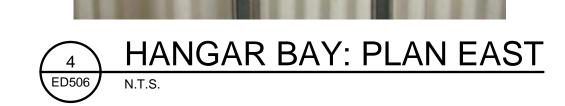


STORAGE CAGE

ED506









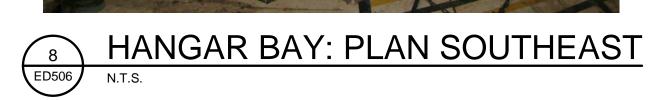
REMOVE FIRE ALARM AND FOAM INDICATORS (TYP).







REMOVE FIRE ALARM AND FOAM INDICATORS (TYP).





HANGAR BAY: EAST WASH STAND

—REMOVE RECEPTACLES (TYP)

HANGAR BAY: PLAN EAST

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ED506

SHEET ID

HANGAR BAY:

REMOVE HORN-

PLAN SE ANTENNA

SHEETS FOR ADDITIONAL WORK.-



SHEET ID

ED507

WIRELESS ACCESS POINT (TYP). REMOVE, TURN OVER TO GOVERNMENT FOR REINSTALLATION AFTER RENOVATION.



HANGAR BAY: CENTER WAP



HANGAR BAY: PLAN SOUTHEAST

HANGAR BAY: PLAN SOUTHWEST

ANTENNA JUNCTION BOX

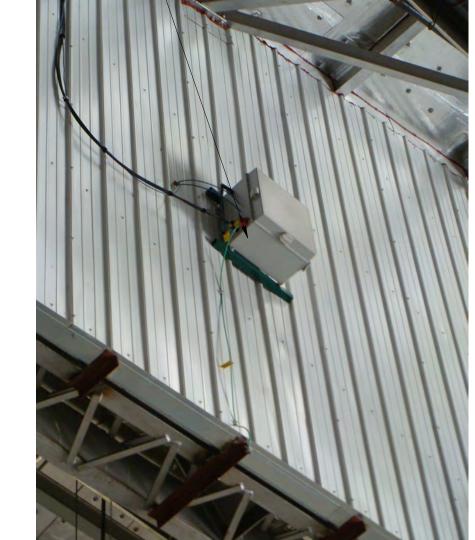
4 AN ED507 N.T.S.



—ANTENNA REPEATER COMM BOX. AND GROUNDING TO REMAIN IN PLACE. COORDINATE WITH EP AND TN SHEETS FOR

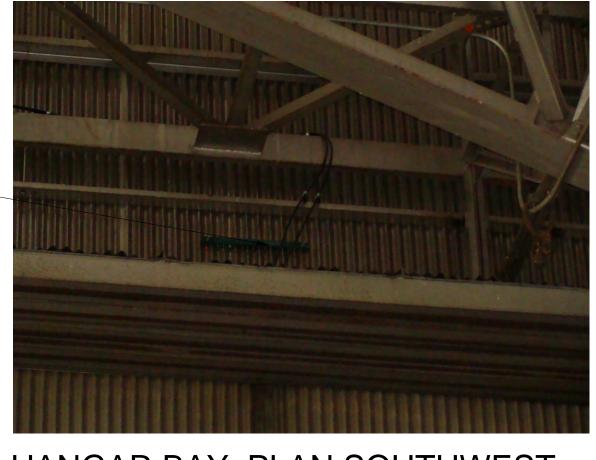
ADDITIONAL WORK.

HANGAR FACE PENETRATION ASSOCIATED WITH PHOTOS 4/ED507 AND 5/ED507. COORDINATE WITH EP AND TN SHEETS FOR ADDITIONAL WORK.

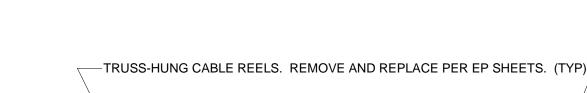


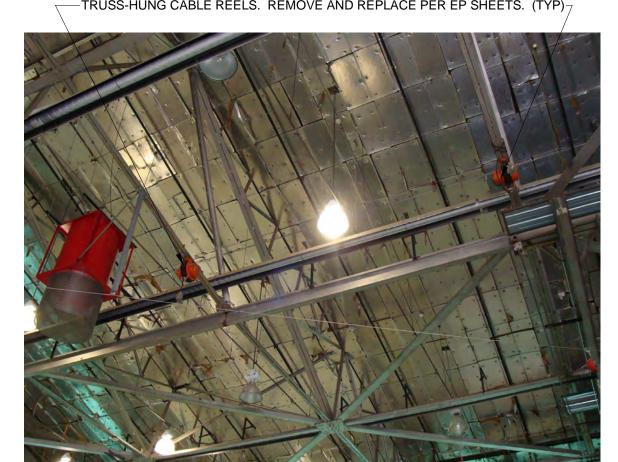
HANGAR BAY: PLAN SOUTHWEST ANTENNA JUNCTION BOX





HANGAR BAY: PLAN SOUTHWEST ANTENNA HANGAR FACE PENETRATION





HANGAR BAY: 7 CENTER CABLE REELS
ED507 N.T.S.

HANGAR BAY: PLAN NORTHWEST HORN

N.T.S.





WASH EQUIPMENT ROOM: XWU-1,2 DISCONNECTS









REMOVE XWU DISCONNECTS AND REPLACE PER EP SHEETS









WASH EQUIPMENT ROOM: HEATER STARTERS

WASH EQUIPMENT ROOM: XWU-3,4

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WASH EQUIPMENT ROOM: PLAN SOUTH

REMOVE XAC-1 AND XAD-1 SUPPORTING ELECTRICAL INFRASTRUCTURE AND REPLACE PER EP SHEETS. \neg AIR COMPRESSOR AND AIR DRYER TO REMAIN.



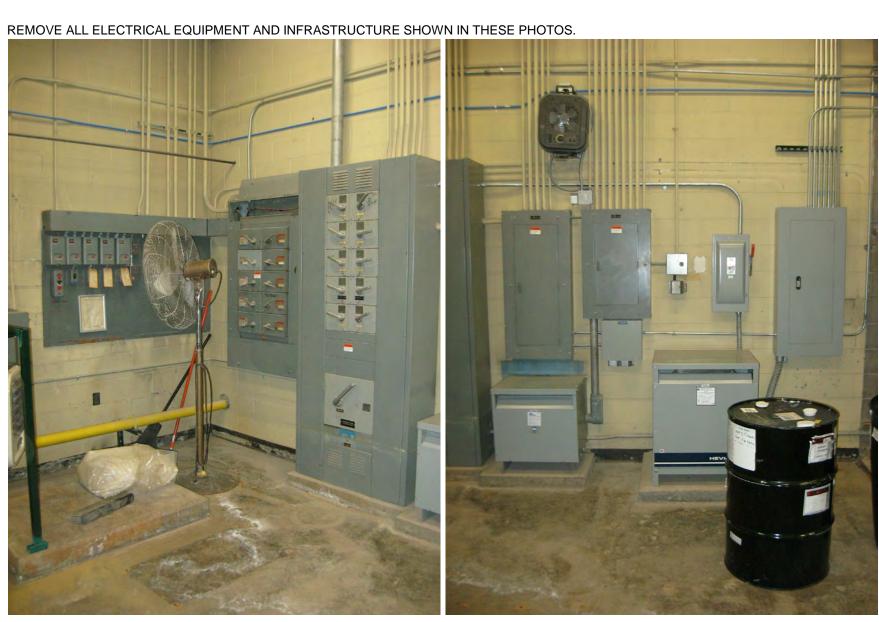
WASH EQUIPMENT ROOM: XAC-1 AND XAD-1
N.T.S.



WASH EQUIPMENT ROOM: PLAN EAST



WASH EQUIPMENT ROOM: XMT-1



WASH EQUIPMENT ROOM: PLAN NORTHEAST
N.T.S.

US Army Corps of Engineers ® Omaha District

WASH EQUIPMENT ROOM: HEATER, WATER, AND FIRE WATER



WASH EQUIPMENT ROOM: EMPTY BOX

—FIBER ENTRANCE INSTALLED AFTER THIS PHOTO WAS TAKEN. SEE SHEET ED513.

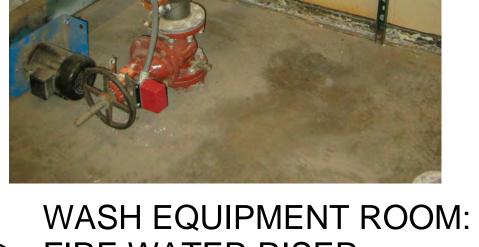




WASH EQUIPMENT ROOM: GAS AND WATER SERVICE



WASH EQUIPMENT ROOM: EXHAUST DAMPER



COORDINATE REMOVAL WITH FD/FX SHEETS.

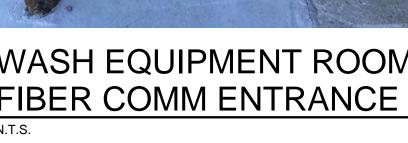
FIRE WATER RISER

N.T.S.

FIBER ENTRANCE INSTALLED AFTER THIS PHOTO WAS TAKEN. SEE SHEET ED513.

US Army Corps of Engineers ® Omaha District

SHEET ID ED512







WASH EQUIPMENT ROOM:

COPPER COMM ENTRANCE

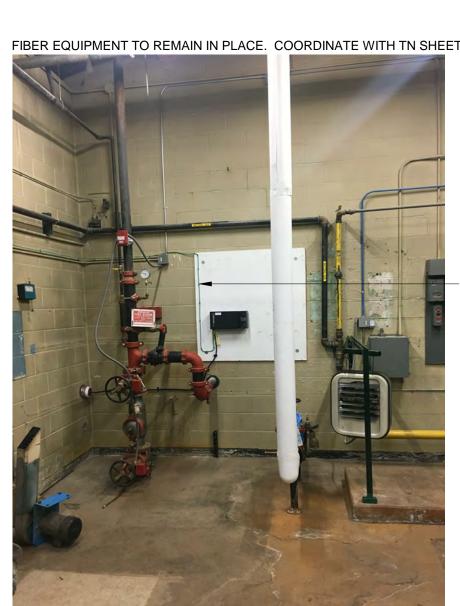


REMOVE EXISTING BONDING
CONDUCTOR AND PROVIDE NEW
BONDING CONDUCTOR FROM
FIBER ENTRANCE TO NEW TMGB.
BOND COPPER ENTRANCE
EQUIPMENT TO NEW TMGB.





—SEE PHOTO 1/ED513 REGARDING BONDING CONDUCTOR.





WASH EQUIPMENT ROOM:

FIBER COMM ENTRANCE

EQUIPMENT TO REMAIN IN PLACE. COORDINATE WITH TN SHEETS.

WASH EQUIPMENT ROOM:

COPPER COMM ENTRANCE

WASH EQUIPMENT ROOM: COPPER COMM ENTRANCE



EQUIPMENT TO REMAIN IN PLACE. COORDINATE WITH TN SHEETS.







WASH EQUIPMENT ROOM: COPPER COMM ENTRANCE
N.T.S.

SHEET ID

ED513

WASH EQUIPMENT ROOM: PLAN SOUTH

FUSE BOX

EQUIPMENT ROOM:

PLAN EAST
N.T.S.

REMOVE ALL.



EQUIPMENT ROOM: PLAN SOUTH TRANSFORMER

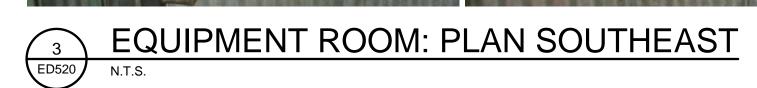




EQUIPMENT ROOM: PLAN NORTHEAST

N.T.S.





MAIN HANGER

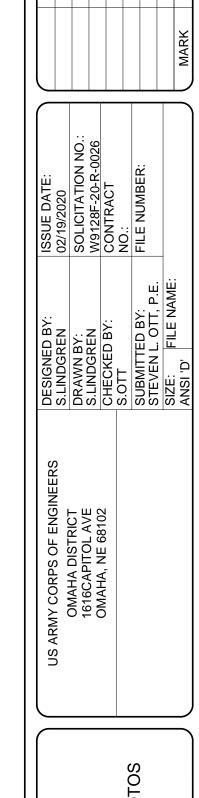
RIGHTS LOCATED



MAIN HAN AIGHTS E. ATED RIGHT SIDY

REMOVE ALL.

EQUIPMENT ROOM: 6 PLAN EAST
ED520 N.T.S.



US Army Corps of Engineers ® Omaha District

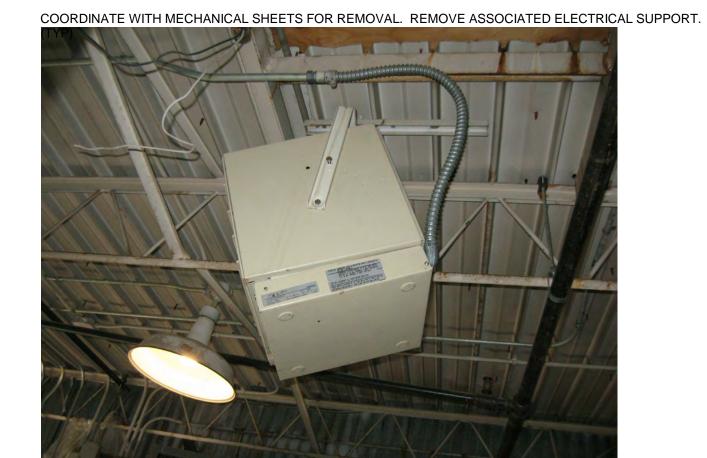
SHEET ID

EQUIPMENT ROOM: PLAN NORTHEAST
N.T.S.



EQUIPMENT ROOM: WATER HEATER

N.T.S.



EQUIPMENT ROOM: HEATER

N.T.S.