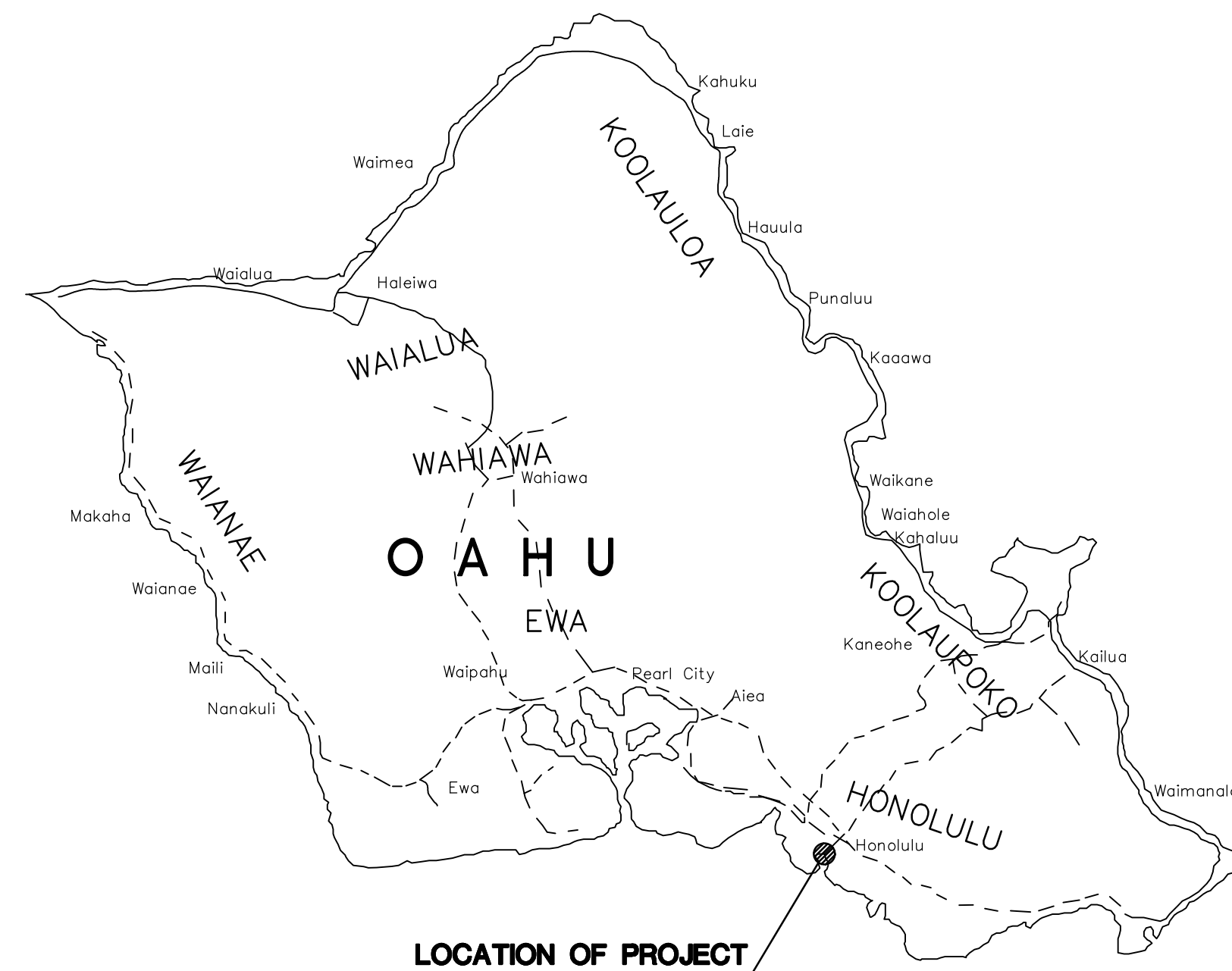


HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII

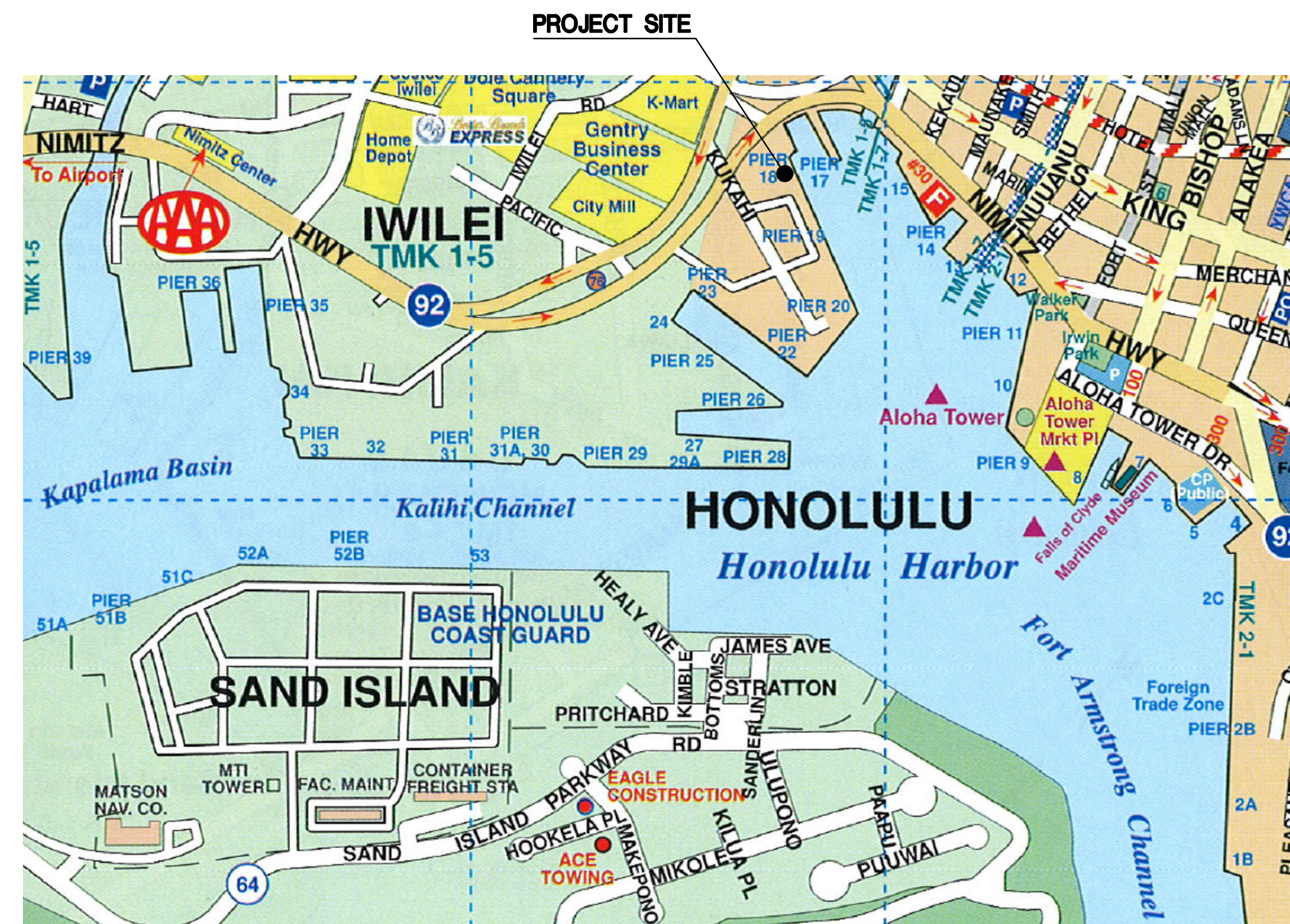
FOR THE
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS
S10924



ISLAND OF OAHU

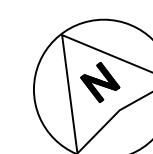
LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE



CONSULTANT:

MKE ASSOCIATES LLC
 STRUCTURAL ENGINEER

COFFMAN ENGINEERS, INC.
 ELECTRICAL ENGINEER

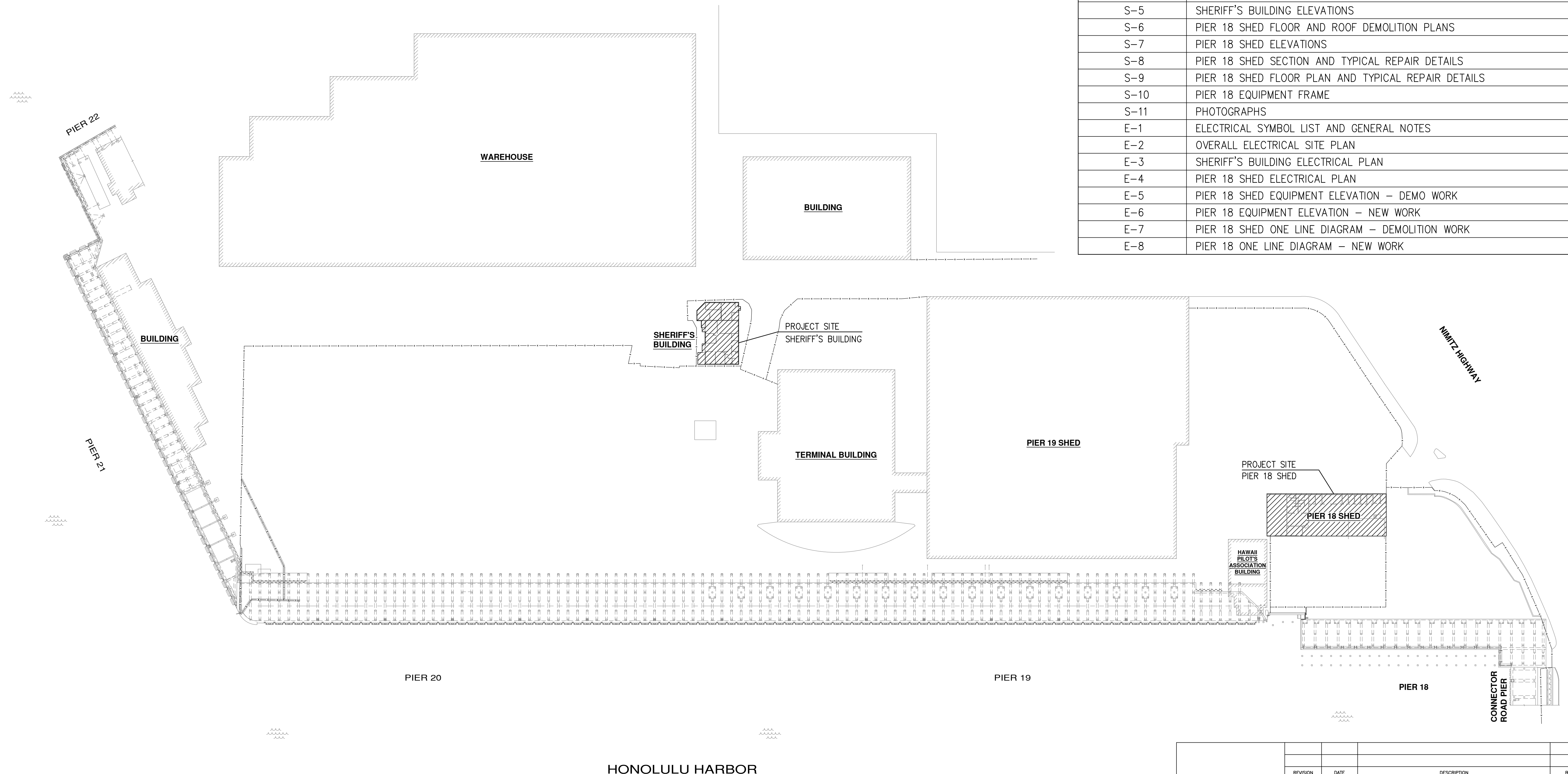
ENVIRONMENTAL SCIENCE INTERNATIONAL, INC.
 ENVIRONMENTAL ENGINEER

FUNG ASSOCIATES, INC.
 HISTORIC ARCHITECT

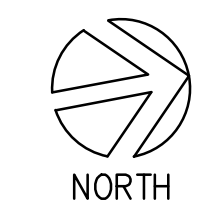
| | | |
|---|--|---------------------|
| DEPARTMENT OF TRANSPORTATION STATE OF HAWAII | | SHEET T-1 |
| APPROVED BY: | | 05/01/2026 |
| FOR DIRECTOR OF TRANSPORTATION | | DATE |
| | | 1 of 21 SHEETS |

INDEX TO DRAWINGS

| SHEET NO. | TITLE |
|-----------|---|
| T-1 | TITLE SHEET, LOCATION AND VICINITY MAPS |
| T-2 | INDEX TO DRAWINGS AND GENERAL PLAN |
| S-1 | STRUCTURAL NOTES |
| S-2 | SHERIFF'S BUILDING FOUNDATION AND ROOF DEMOLITION PLANS |
| S-3 | SHERIFF'S BUILDING SECTIONS |
| S-4 | SHERIFF'S BUILDING ELEVATIONS |
| S-5 | SHERIFF'S BUILDING ELEVATIONS |
| S-6 | PIER 18 SHED FLOOR AND ROOF DEMOLITION PLANS |
| S-7 | PIER 18 SHED ELEVATIONS |
| S-8 | PIER 18 SHED SECTION AND TYPICAL REPAIR DETAILS |
| S-9 | PIER 18 SHED FLOOR PLAN AND TYPICAL REPAIR DETAILS |
| S-10 | PIER 18 EQUIPMENT FRAME |
| S-11 | PHOTOGRAPHS |
| E-1 | ELECTRICAL SYMBOL LIST AND GENERAL NOTES |
| E-2 | OVERALL ELECTRICAL SITE PLAN |
| E-3 | SHERIFF'S BUILDING ELECTRICAL PLAN |
| E-4 | PIER 18 SHED ELECTRICAL PLAN |
| E-5 | PIER 18 SHED EQUIPMENT ELEVATION - DEMO WORK |
| E-6 | PIER 18 EQUIPMENT ELEVATION - NEW WORK |
| E-7 | PIER 18 SHED ONE LINE DIAGRAM - DEMOLITION WORK |
| E-8 | PIER 18 ONE LINE DIAGRAM - NEW WORK |



GENERAL PLAN
NOT TO SCALE



HONOLULU HARBOR

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|-----------------|----|--------------------------------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE INDEX TO DRAWINGS AND GENERAL PLAN | | | | |
| DESIGNED BY: JS | | DRAWN BY: DL | | JOB NUMBER S10924 |
| CHECKED BY: GO | | DATE: 04/2026 | | |
| MKE ASSOCIATES LLC | | SCALE: AS SHOWN | | SHEET T-2 2 of 21 SHTS. |

STRUCTURAL NOTES:

GENERAL:

- WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE HAWAII STATE BUILDING CODE (AMENDED IBC, 2018 EDITION) AND THE HAWAII STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, 2005, FOR THE STATE OF HAWAII, UNLESS OTHERWISE INDICATED. HOWEVER, SHOULD THERE BE CONFLICTS, OR WHERE REFERENCE IS MADE TO PERFORMANCE CONFORMING TO OTHER STANDARDS THE MORE STRINGENT SHALL APPLY.
- THE CONTRACTOR SHALL COMPARE PLANS, SPECIFICATIONS AND ALL OTHER CONTRACT DOCUMENTS WITH EACH OTHER AND REPORT IN WRITING TO THE HARBORS CONSTRUCTION ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
- THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS WITH THE DRAWINGS BEFORE COMMENCING WORK. REPORT IN WRITING TO THE HARBORS CONSTRUCTION ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
- CONTRACTOR SHALL RESOLVE ANY DISCREPANCIES AND QUESTIONS PRIOR TO THE START OF WORK. NO EXTRA PAYMENT SHALL BE ALLOWED ON ACCOUNT OF WORK MADE NECESSARY BY CONTRACTORS FAILURE TO VISIT THE SITE AND/OR FAILURE TO RESOLVE DISCREPANCIES AND QUESTIONS.
- THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND STRUCTURES IN AND ADJACENT TO THE PROJECT SITE. ANY DAMAGE TO THEM SHALL BE REPAIRED TO THE SATISFACTION OF THE HARBORS CONSTRUCTION ENGINEER AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE HARBORS OAHU DISTRICT MANAGER AND CONSTRUCTION ENGINEER FOR AN APPROVED STAGING AND STORAGE AREA AND FOR RESTRICTIONS OF HARBORS OPERATIONS OVER REPAIR AREAS.
- THE CONTRACTOR SHALL REMOVE ALL DEBRIS RESULTING FROM HIS WORK AS REQUIRED FOR PUBLIC HEALTH AND SAFETY AND TO THE SATISFACTION OF THE HARBORS CONSTRUCTION ENGINEER. SHOULD THE STATE PERFORM ANY OF THE ABOVE WORK DUE TO NON-PERFORMANCE BY THE CONTRACTOR, THE CONTRACTOR AGREES TO REIMBURSE THE STATE FOR ALL COSTS INCURRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR METHODS OF CONSTRUCTION, WORKMANSHIP AND JOB SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED FOR STABILITY OF STRUCTURAL MEMBERS AND SYSTEMS.
- ALL WORK SPECIFIED IN THE CONTRACT BUT NOT LISTED SEPARATELY SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE PAID FOR SEPARATELY.
- NOTES AND DETAILS ON THE PLANS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. SHOULD THERE BE CONFLICTS BETWEEN THE REQUIREMENTS OF THE PLANS OR SPECIFICATIONS, THE MORE STRINGENT SHALL APPLY.
- THE CONTRACTOR SHALL COMPLY WITH THE CLEAN WATER ACT AND THE STATE HARBORS STORMWATER MANAGEMENT PROGRAM. NO POLLUTANTS ARE ALLOWED TO BE DISCHARGED DIRECTLY OR INDIRECTLY INTO ADJACENT HARBOR WATER, THROUGH THE HARBORS SMALL MS4 OR OTHER POTENTIAL PATHWAYS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR REGULATORY FINES OR PENALTIES THAT MAY BE IMPOSED BY ENVIRONMENTAL REGULATORY AGENCIES (USEPA AND/OR STATE DOH) IN THE EVENT OF VIOLATIONS.
- HARBOR OPERATIONS TAKE PRECEDENCE OVER CONSTRUCTION ACTIVITY. THE CONTRACTOR MUST WORK AROUND THESE OPERATIONS SO THAT THE PIERS WILL REMAIN OPERATIONAL. WEEKEND WORK MAY BE REQUIRED.
- THE CONTRACTOR SHALL SUBMIT A SITE-SPECIFIC BEST MANAGEMENT PRACTICES (BMP) PLAN TO THE HARBORS ENGINEERING BRANCH FOR REVIEW AND ACCEPTANCE PRIOR TO THE START OF ANY CONSTRUCTION WORK. THIS BMP PLAN SHALL COMPLY WITH THE TEMPORARY WATER POLLUTION, DUST, AND EROSION CONTROL ARTICLE IN THE SPECIFICATIONS AND PROPOSAL.
- IN CASE OF SPILL, LEAK OR OTHER RELEASE CONTAINING A HAZARDOUS SUBSTANCE OR OIL, THE CONTRACTOR SHALL NOTIFY APPROPRIATE FACILITY PERSONNEL, EMERGENCY RESPONSE AGENCIES, AND REGULATORY AGENCIES FOLLOWING NOTIFICATION PROCEDURES, AND SHALL NOTIFY THE HARBORS CONSTRUCTION ENGINEER AND ENVIRONMENTAL HOTLINE (808-587-1962) IMMEDIATELY (I.E., WITHIN 24 HOURS). SUCH CONTACT INFORMATION MUST BE IN LOCATIONS THAT ARE READILY ACCESSIBLE AND
- DETAILS NOTED AS TYPICAL ON THE STRUCTURAL DRAWINGS SHALL APPLY IN ALL CONDITIONS UNLESS SPECIFICALLY SHOWN OR NOTED.

DESIGN CRITERIA:

- WIND
 - BASIC WIND SPEED=160 MPH
 - RISK CATEGORY III
 - WIND EXPOSURE B
- SEISMIC
 - RISK CATEGORY III
 - SEISMIC IMPORTANCE FACTOR $I_e=1.25$
 - $S_s=0.53$
 - $S_1=0.15$
 - SITE CLASS D
 - SEISMIC DESIGN CATEGORY D
 - SEISMIC FORCE RESISTING SYSTEM: STEEL ORDINARY CANTILEVER COLUMN SYSTEM
 - RESPONSE MODIFICATION COEFFICIENT $R=1.25$

SPECIAL INSPECTION:

- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT SPECIAL INSPECTION OF PORTIONS OF THE WORK, AS REQUIRED BY THE BUILDING CODE OF THE CITY AND COUNTY OF HONOLULU, BE MADE AT THE APPROPRIATE TIME. THE CONTRACTOR SHALL GIVE TIMELY NOTICE OF WHEN AND WHERE INSPECTIONS ARE TO BE MADE AND PROVIDE ACCESS FOR THE INSPECTOR. THE CONTRACTOR SHALL CORRECT DEFECTIVE WORK AT NO ADDITIONAL COST TO THE OWNER AND PAY FOR RE-INSPECTION.
- THE FOLLOWING STRUCTURAL WORK REQUIRES SPECIAL INSPECTION:
 - STRUCTURAL WELDING

DEMOLITION NOTES:

- THE CONTRACTOR SHALL PLACE SEDIMENT CONTROL DEVICES, BOOMS, TARPULINS, STAGING, SCREENS AND OTHER DEVICES AS NECESSARY TO PREVENT AIR BORNE MATERIALS FROM LEAVING THE IMMEDIATE VICINITY OF THE SITE. THE CONTRACTOR SHALL CAPTURE AND DISPOSE OF ALL NEW GENERATED WASTES.
- THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL PROTECTION STANDARDS, LAWS AND REGULATIONS. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INCLUDING NOISE PERMIT, AS REQUIRED.
- CONTRACTOR SHALL ENSURE THAT DEMOLITION DEBRIS MEETS LANDFILL REQUIREMENTS FOR EXAMPLE:
 - CONCRETE DEBRIS SHALL HAVE ALL PROTRUDING REBAR TRIMMED.
 - LONGER ITEMS SHALL BE CUT INTO MANAGEABLE LENGTHS.
- PROTECT EXISTING WORK THAT IS TO REMAIN IN PLACE. REPAIR ITEMS THAT ARE DAMAGED TO THEIR ORIGINAL CONDITION OR BETTER.
- CONTRACTOR SHALL SUBMIT A BEST MANAGEMENT PLAN (BMP) FOR REVIEW AND APPROVAL BY THE HARBORS CONSTRUCTION ENGINEER. THE BMP PROCEDURES SHALL INCLUDE A DESCRIPTION OF METHODS AND PROCEDURES THAT WILL BE FOLLOWED FOR ENVIRONMENTAL PROTECTION AND SOLID WASTE MANAGEMENT.
- LEAD-BASED PAINT (LBP) AND ASBESTOS HAVE BEEN DETECTED IN THE EXISTING STRUCTURES. SEE HAZARDOUS MATERIAL LETTER REPORT TITLED, "HAZARDOUS MATERIALS SURVEY FOR THE DEMOLITION OF THE PIER 18 SHED AND SHERIFF'S OFFICE AT PIER 19, HONOLULU HARBOR, OAHU, HAWAII, 96817," DATED DECEMBER 12, 2025 BY ENVIRONMENTAL SCIENCE INTERNATIONAL. CONTRACTOR SHALL VERIFY LOCATION AND EXTENT OF ANY HAZARDOUS MATERIALS AND VERIFY APPROPRIATE METHOD FOR DEMOLITION PRIOR TO START OF WORK.
- THE DISTURBANCE OR DISLOCATION OF LEAD-CONTAINING OR ASBESTOS MATERIALS MAY CAUSE HAZARDOUS DUST TO BE RELEASED INTO THE ATMOSPHERE, THEREBY CREATING A POTENTIAL HEALTH HAZARD TO WORKERS AND NEIGHBORING OCCUPANTS. APPRISE ALL WORKERS, SUPERVISORY PERSONNEL, SUBCONTRACTORS, AND CONSULTANTS WHO WILL BE AT THE JOB SITE OF THE SERIOUSNESS OF THE HAZARD AND OF THE PROPER WORK PROCEDURES WHICH MUST BE FOLLOWED.
- PROVIDE BARRIERS WHERE APPROPRIATE TO SAFEGUARD WORKERS AND NEIGHBORING OCCUPANTS FROM EXPOSURE TO HAZARDOUS MATERIAL, AIRBORNE, OR OTHERWISE. SUCH MEASURES SHALL INCLUDE THE PROCEDURES AND METHODS DESCRIBED IN THE SPECIFICATIONS AND COMPLIANCE WITH REGULATIONS OF APPLICABLE FEDERAL, STATE AND LOCAL AGENCIES.

FOUNDATION:

- FOUNDATION DESIGN IS BASED ON CHAPTER 18 OF THE INTERNATIONAL BUILDING CODE.
- CONTRACTOR SHALL PROVIDE FOR DE-WATERING OF EXCAVATION FROM SURFACE WATER, GROUND WATER OR SEEPAGE.
- CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL UNDERPINNING, CRIBBING, SHEETING, AND SHORING NECESSARY TO PRESERVE EXCAVATIONS AND EARTH BANKS.
- FOOTINGS SHALL BEAR ON UNDISTURBED IN-SITU FIRM SOILS. BOTTOM OF FOOTINGS SHALL BE COMPACTED TO PROVIDE A RELATIVELY FIRM AND SMOOTH BEARING SURFACE PRIOR TO PLACEMENT OF REINFORCING STEEL AND CONCRETE. IF SOFT AND/OR LOOSE MATERIALS ARE ENCOUNTERED AT THE BOTTOM OF FOOTING EXCAVATIONS, THEY SHALL BE OVER-EXCAVATED TO EXPOSE THE UNDERLYING FIRM MATERIALS. THE OVER-EXCAVATION SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION OR THE FOOTING BOTTOM MAY BE EXTENDED DOWN TO THE UNDERLYING COMPETENT MATERIAL.
- EXCAVATIONS FOR FOOTINGS SHALL BE APPROVED BY THE HARBORS CONSTRUCTION ENGINEER PRIOR TO PLACEMENT OF CONCRETE AND REINFORCING.
- EXCAVATIONS SHALL BE PROPERLY BACKFILLED.
 - BACKFILL MATERIAL SHALL CONSIST OF SOIL WHICH IS FREE OF ORGANICS, EXPANSIVE CLAY AND DEBRIS. BACKFILL MATERIAL SHALL BE LESS THAN 3 INCHES IN GREATEST DIMENSION.
 - BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS.
 - EACH LAYER OF BACKFILL MATERIAL SHALL BE THOROUGHLY COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE ASTM D1557 TEST PROCEDURE.
- DURING CONSTRUCTION, DRAINAGE SHALL BE PROVIDED TO MINIMIZE PONDING OF WATER ADJACENT TO OR ON FOUNDATION AND PAVEMENT AREAS. PONDED AREAS SHALL BE DRAINED IMMEDIATELY. ANY SUBGRADE SOIL THAT HAS BECOME SOFT DUE TO PONDING SHALL BE REMOVED TO FIRM MATERIAL AND REPLACED WITH COMPACTED STRUCTURAL FILL.

CONCRETE:

- CONCRETE CONSTRUCTION SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE ACI 318-14.
- CONCRETE SHALL BE REGULAR WEIGHT HARD ROCK CONCRETE AND SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
- CONCRETE SHALL BE REGULAR WEIGHT HARD ROCK CONCRETE AND SHALL HAVE THE MAXIMUM WATER TO CEMENTITIOUS MATERIALS RATIO SHALL BE 0.40.
- CONCRETE DELIVERY TICKETS SHALL RECORD ALL FREE WATER IN THE MIX: AT BATCHING BY PLANT, FOR CONSISTENCY BY DRIVER, AND ANY ADDITIONAL REQUEST BY CONTRACTOR IF PERMITTED BY THE MIX DESIGN.
- ALL INSERTS, ANCHOR BOLTS, PLATES, AND OTHER ITEMS TO BE CAST IN THE CONCRETE SHALL BE HOT-DIPPED GALVANIZED UNLESS OTHERWISE NOTED.
- REINFORCING BARS, ANCHOR BOLTS, INSERTS, AND OTHER ITEMS TO BE CAST IN THE CONCRETE SHALL BE SECURED IN POSITION PRIOR TO PLACEMENT OF CONCRETE.
- CONDUITS, PIPES, AND SLEEVES PASSING THROUGH A SLAB OR FOOTING AND NOT CONFORMING TO TYPICAL DETAILS SHALL BE LOCATED AND SUBMITTED TO THE HARBORS CONSTRUCTION ENGINEER FOR APPROVAL.
- THE CONTRACTOR SHALL LOCATE CONSTRUCTION JOINTS SO AS NOT TO IMPAIR THE STRENGTH OF THE STRUCTURE AND TO MINIMIZE SHRINKAGE STRESSES. SUBMIT LOCATION OF CONSTRUCTION JOINTS TO THE HARBORS CONSTRUCTION ENGINEER FOR APPROVAL, UNLESS OTHERWISE NOTED.
- NON-SHRINK GROUT SHALL BE A PREMIXED NON-METALLIC FORMULA, CAPABLE OF DEVELOPING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 1 DAY AND 5,000 PSI IN 28 DAYS.

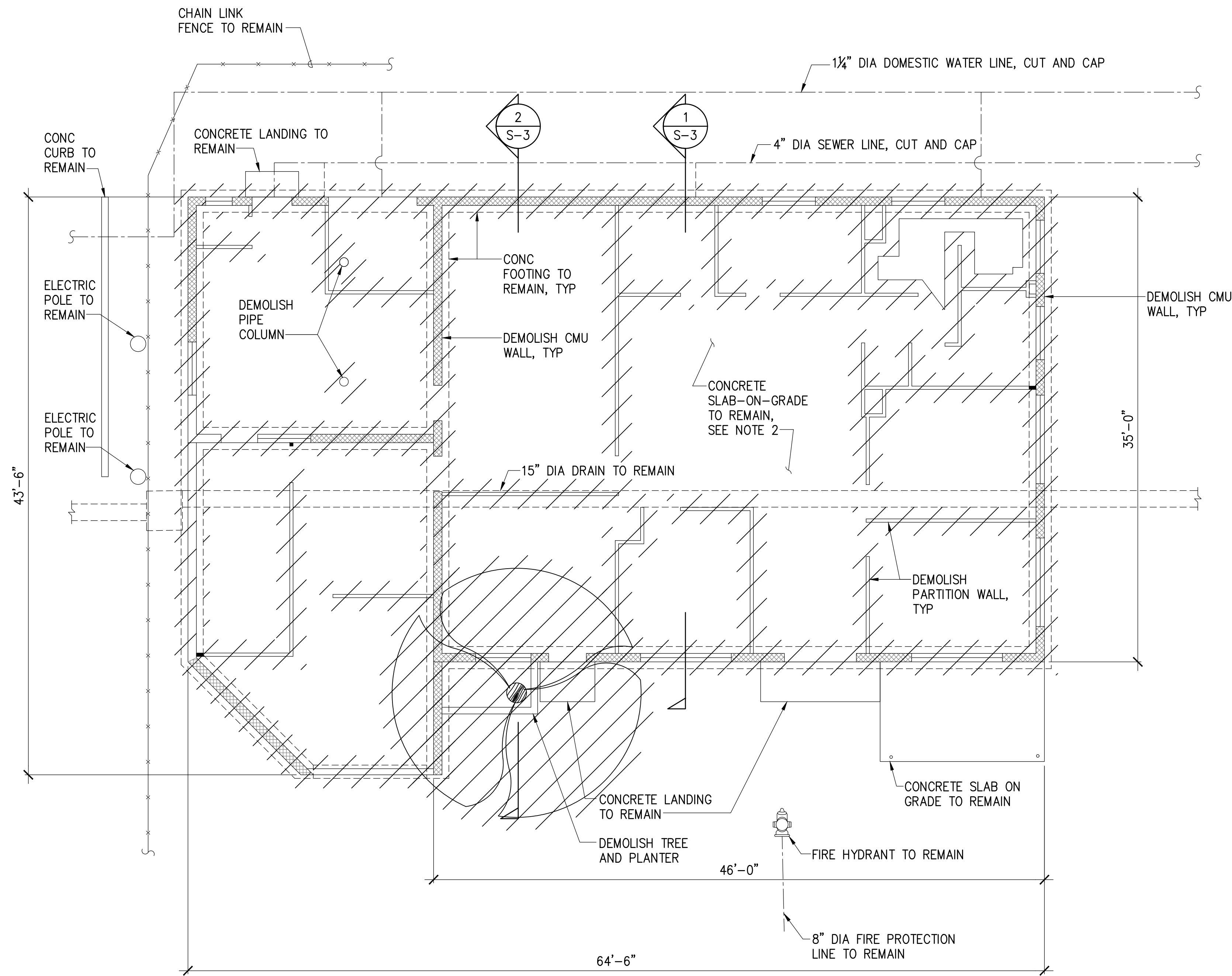
REINFORCING STEEL:

- REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615/A615M, GRADE 60.
- CLEAR CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - FOOTINGS, GRADE BEAMS, ETC. CAST AGAINST EARTH 3"
 - FOOTINGS, GRADE BEAMS, ETC. FORMED AND EXPOSED TO EARTH OR WEATHER 2"
- REINFORCING STEEL SHALL BE SPLICED WHERE INDICATED ON PLANS. PROVIDE LAP SPlice LENGTH OF 48 BAR DIAMETERS, UNLESS OTHERWISE NOTED.
- MECHANICAL SPlice CONNECTORS SHALL DEVELOP IN TENSION 125 PERCENT OF THE SPECIFIED MINIMUM YIELD STRENGTH OF REINFORCING BARS.
- BAR BENDS AND HOOKS SHALL BE "STANDARD HOOKS" IN ACCORDANCE WITH ACI 318.
- EPOXY SHALL BE SIMPSON SET-3G HIGH STRENGTH EPOXY ADHESIVE AS MANUFACTURED BY SIMPSON STRONG TIE CO., INC. OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.

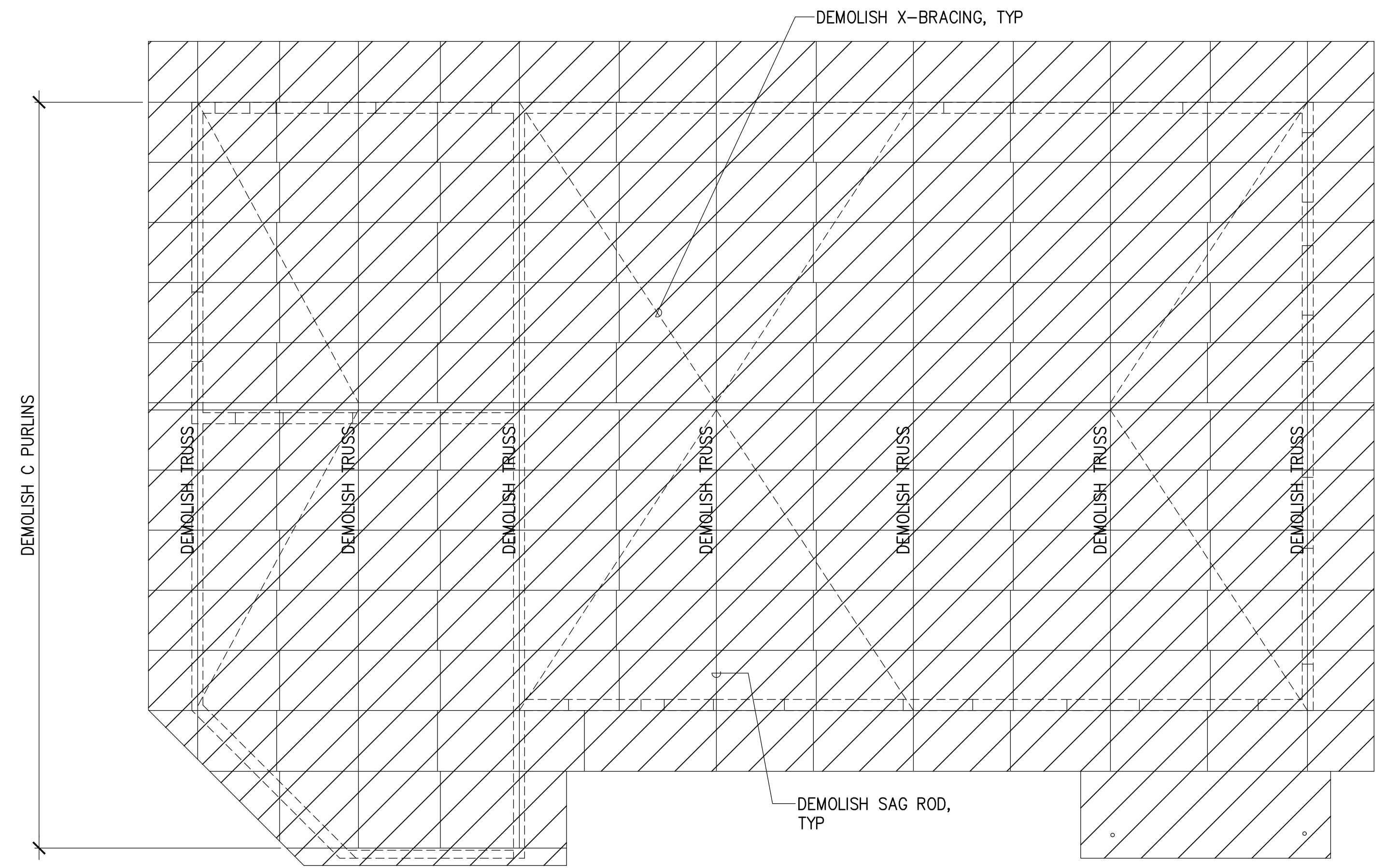
STRUCTURAL STEEL:

- FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL OF STEEL CONSTRUCTION, FIFTEENTH EDITION.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36/A36M UNLESS OTHERWISE NOTED.
- COLD-FORMED HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500/A500M, GRADE C.
- HEADED ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE TYPE 316 STAINLESS STEEL.
- WELDS AND WELDING PROCEDURES SHALL CONFORM TO THE STRUCTURAL WELDING CODE AWS D1.1 OF THE AMERICAN WELDING SOCIETY.
- WELDING SHALL BE PERFORMED BY WELDERS PREQUALIFIED FOR WELDING PROCEDURES TO BE USED.
- WELDING ELECTRODES SHALL BE E70XX.
- ALL STEEL SHALL BE HOT-DIPPED GALVANIZED.
- GALVANIZING REPAIR PAINT SHALL CONFORM WITH ASTM A780.

| | | | | |
|---|---------------|--------------------|----|----------------------|
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28 | | MKE ASSOCIATES LLC | | |
| REVISION | DATE | DESCRIPTION | BY | APPROVED |
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE STRUCTURAL NOTES | | | | |
| DESIGNED BY: JS | DRAWN BY: DL | | | SHEET S-1 |
| CHECKED BY: GO | DATE: 04/2026 | | | JOB NUMBER S10924 |
| SCALE: AS SHOWN | AS SHOWN | | | |
| | | | | 3 of 21 SHTS. |



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



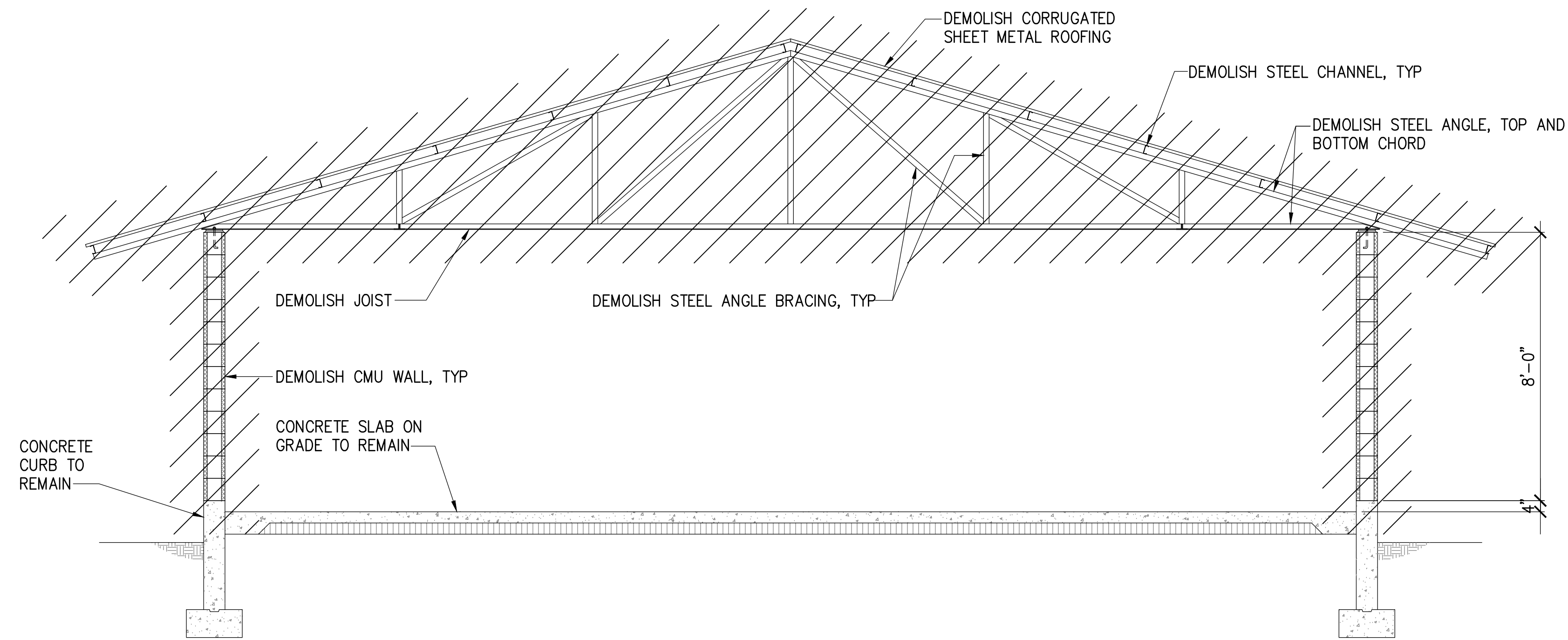
ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"



- NOTE:**
1. ALL STRUCTURES, UTILITIES, ETC. SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.
 2. REMOVE ALL FLOOR FINISHES TO BARE CONCRETE.

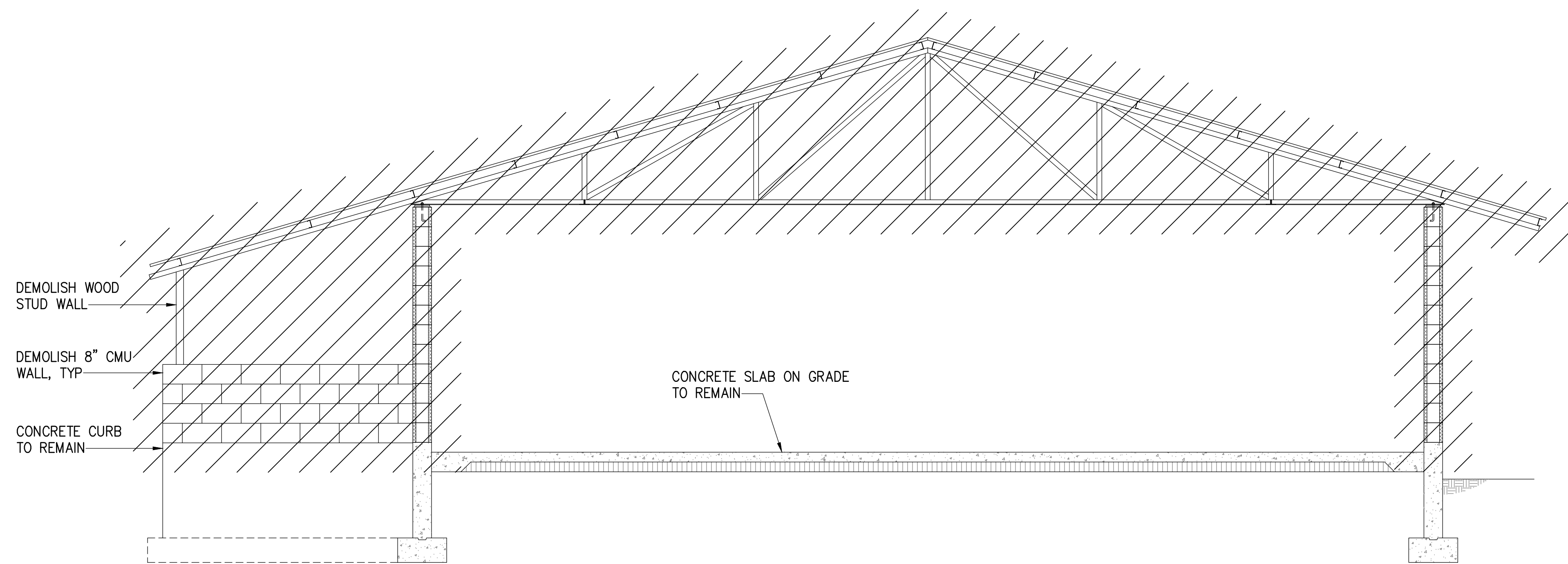
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| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE SHERIFF'S BUILDING FOUNDATION AND ROOF DEMOLITION PLANS | | | | |
| DESIGNED BY: JS | | JOB NUMBER | | SHEET S-2 4 of 21 SHTS. |
| DRAWN BY: DL | | S10924 | | |
| CHECKED BY: GO | | | | |
| DATE: 04/2026 | | | | |
| SCALE: AS SHOWN | | | | |

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OR UNDER MY SUPERVISION
EXP 4-30-28
MKE ASSOCIATES LLC



1 BUILDING SECTION
S-3 SCALE: 3/8" = 1'-0"

NOTE:
ALL STRUCTURES, UTILITIES, ETC. SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.



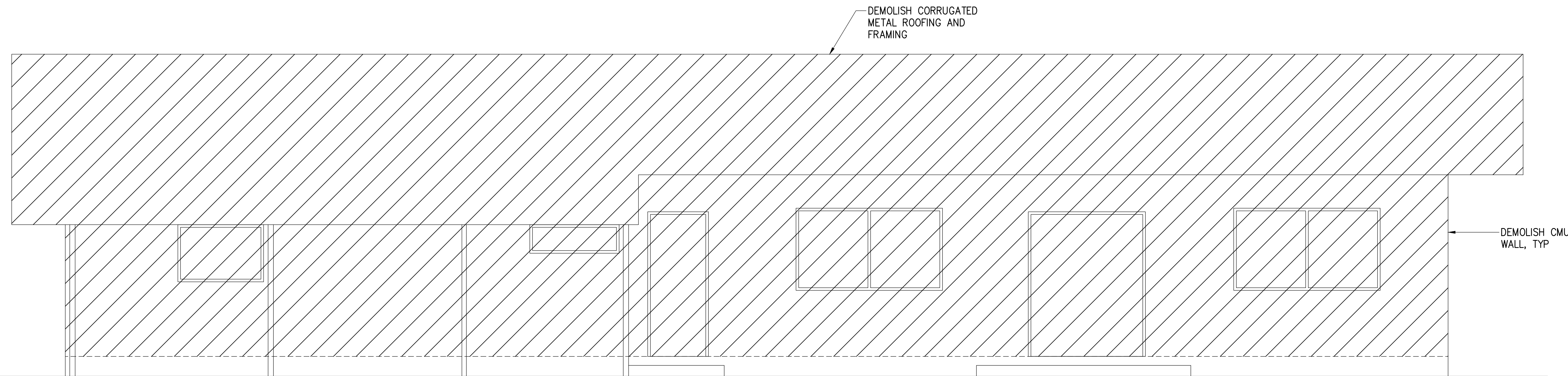
2 BUILDING SECTION
S-3 SCALE: 3/8" = 1'-0"

NOTE:
ALL STRUCTURES, UTILITIES, ETC. SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.

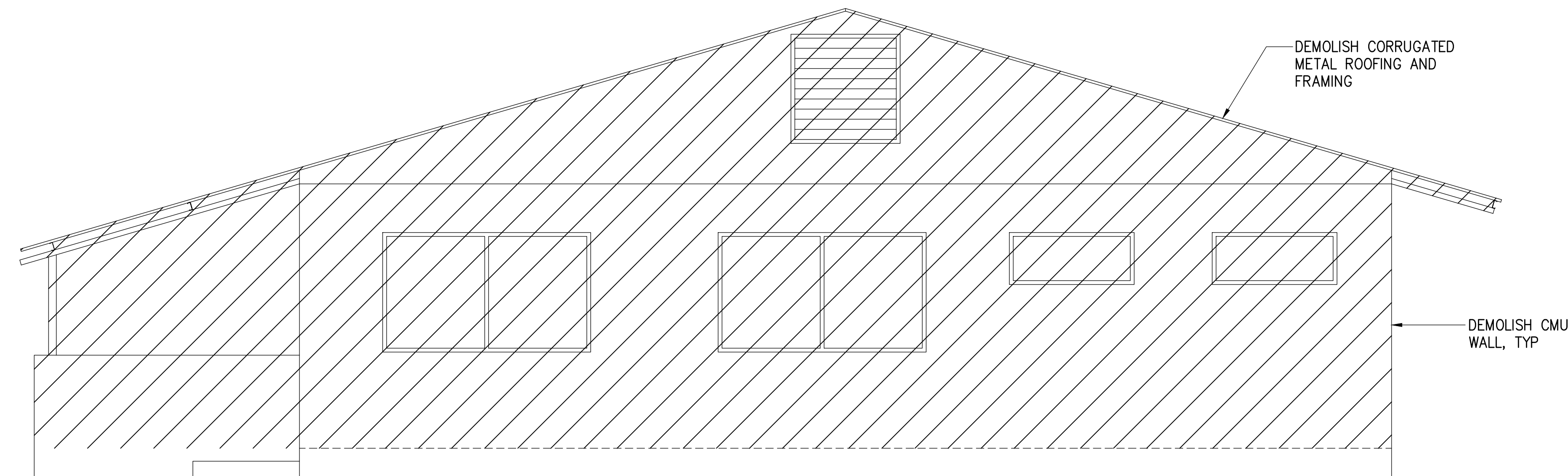
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| SHEET TITLE SHERIFF'S BUILDING SECTIONS | | | | |
| DESIGNED BY: JS | | JOB NUMBER | | SHEET |
| DRAWN BY: DL | | S10924 | | S-3 |
| CHECKED BY: GO | | | | |
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FRONT ELEVATION



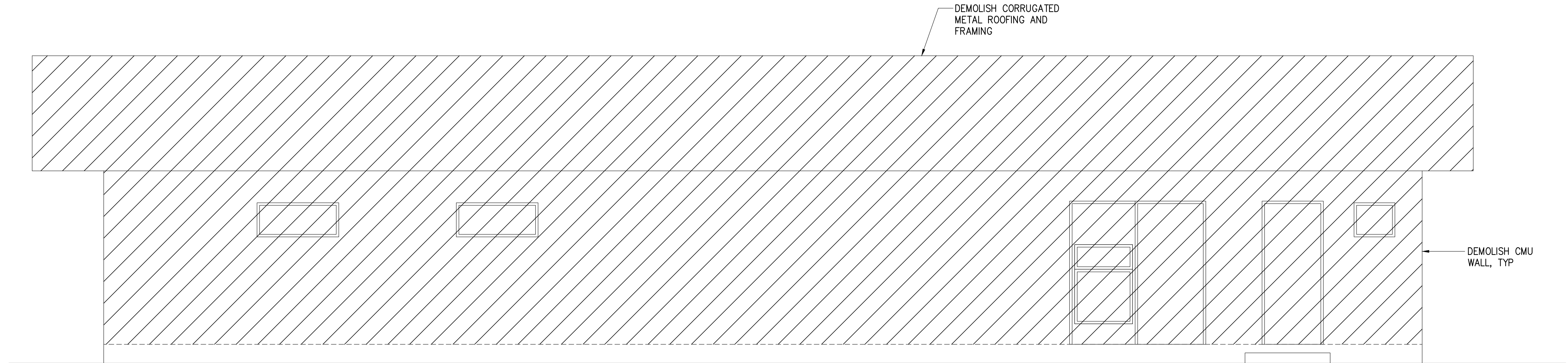
RIGHT SIDE ELEVATION

ELEVATIONS
SCALE: 3/8" = 1'-0"

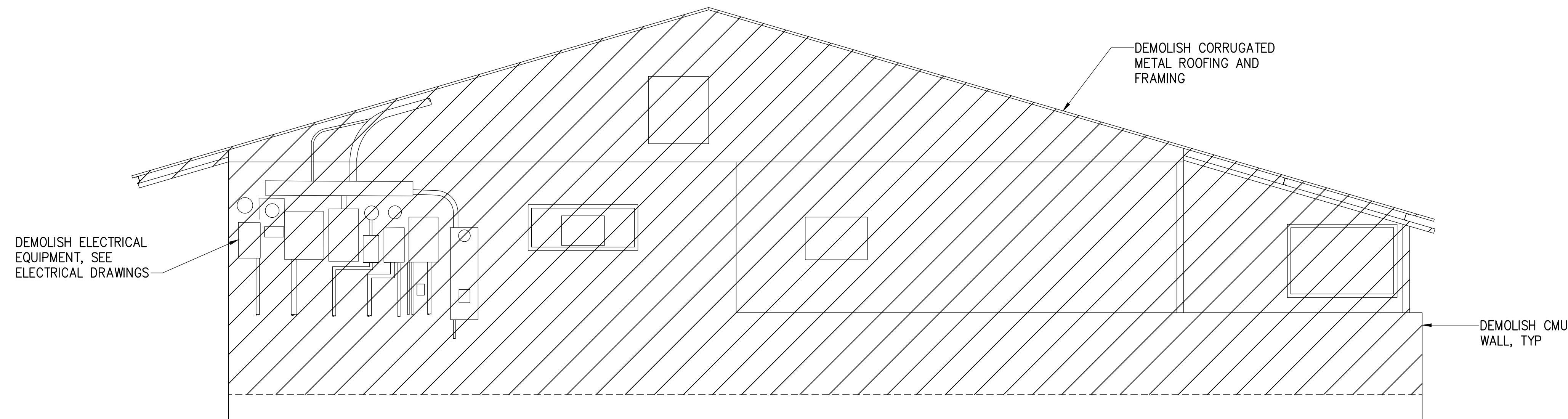
NOTE:
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| SHEET TITLE SHERIFF'S BUILDING ELEVATIONS | | | | |
| DESIGNED BY: JS | | JOB NUMBER | | SHEET |
| DRAWN BY: DL | | S10924 | | S-4 |
| CHECKED BY: GO | | | | |
| DATE: 04/2026 | | | | |
| SCALE: AS SHOWN | | 6 of 21 SHTS. | | |

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MKE ASSOCIATES LLC



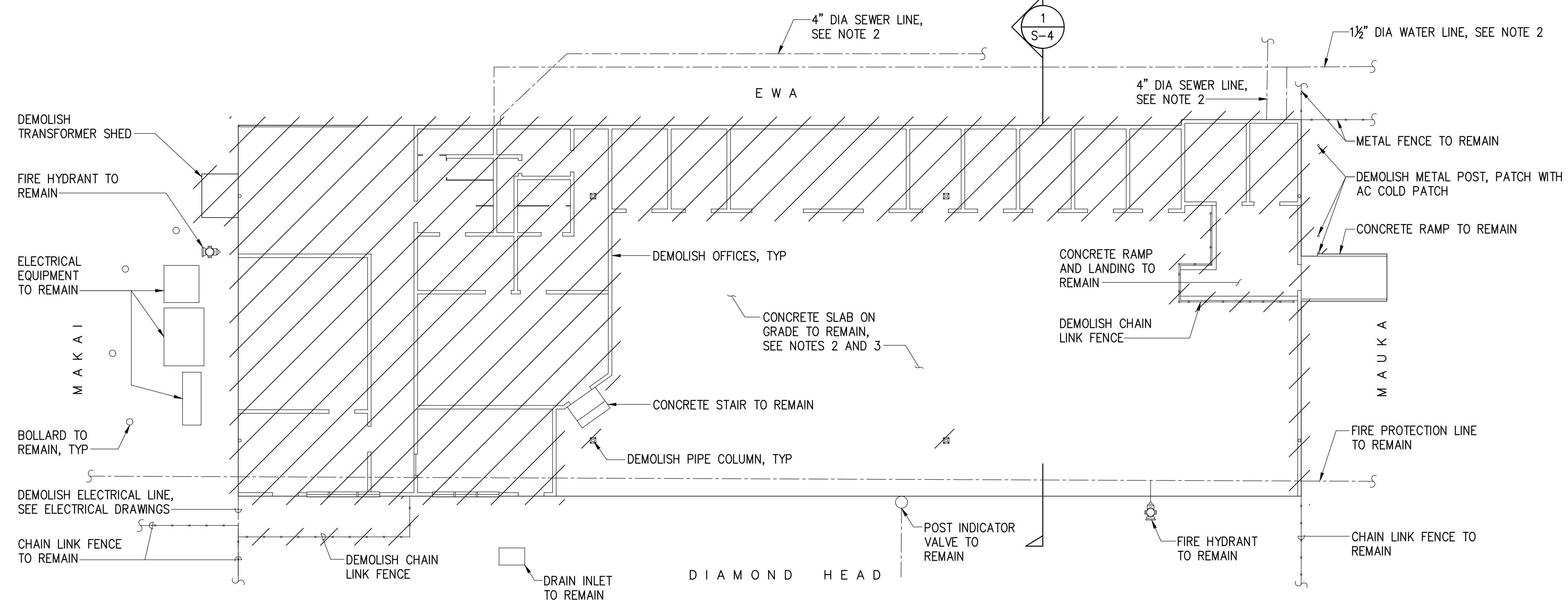
REAR ELEVATION



LEFT SIDE ELEVATION

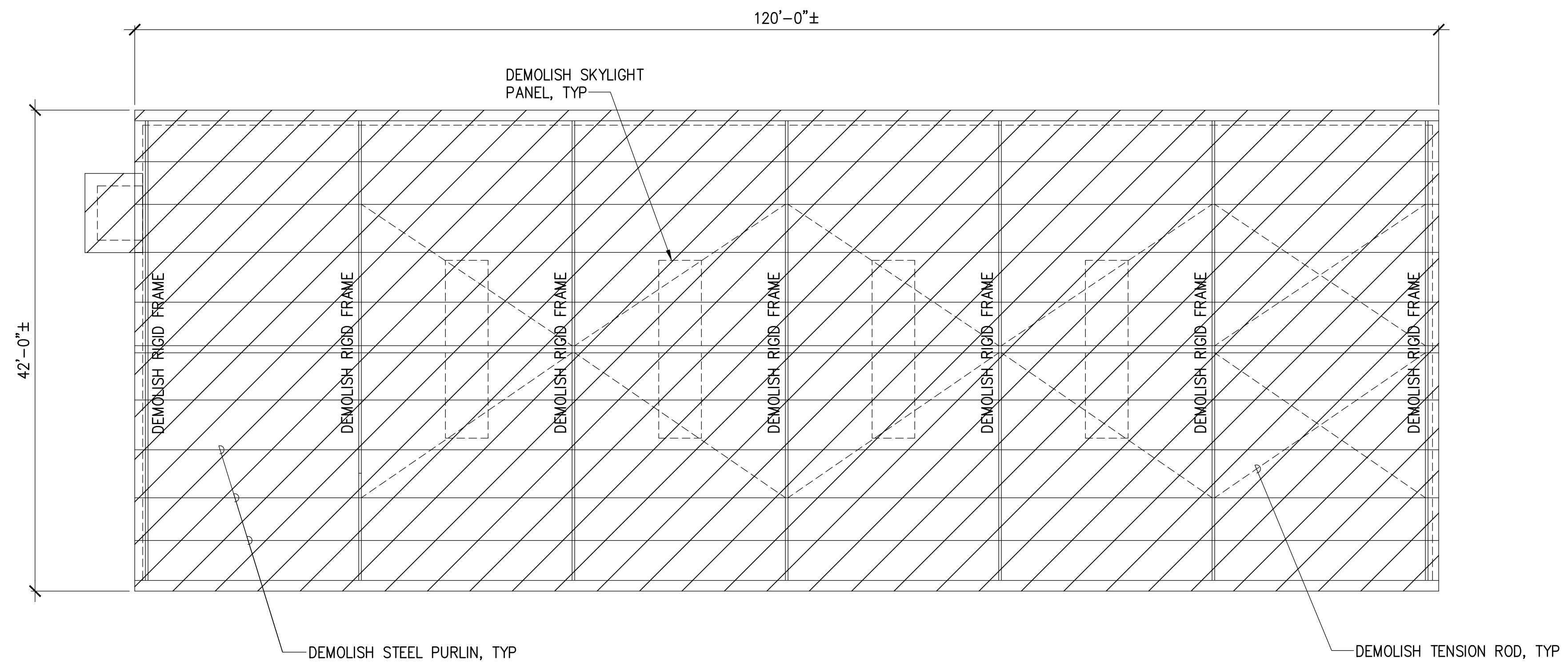
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| SHEET TITLE SHERIFF'S BUILDING ELEVATIONS | | | | |
| DESIGNED BY: JS | | JOB NUMBER | | SHEET |
| DRAWN BY: DL | | S10924 | | S-5 |
| CHECKED BY: GO | | | | |
| DATE: 04/2026 | | | | |
| SCALE: AS SHOWN | | | | |
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FLOOR PLAN

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



ROOF PLAN

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



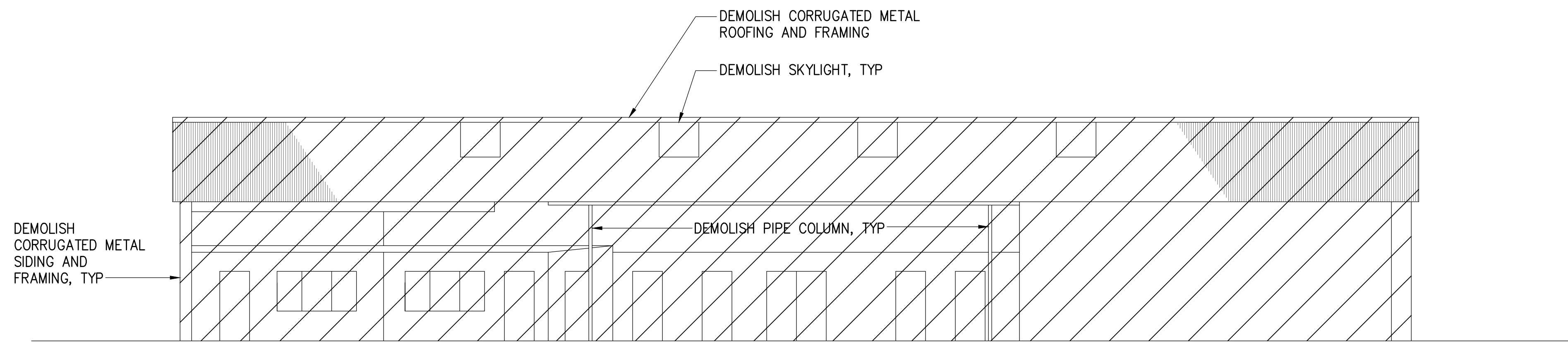
NOTE:

1. ALL STRUCTURES, UTILITIES, ETC. SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.
2. CUT AND CAP ALL SEWER AND WATER STUB OUTS.
3. REMOVE ALL FLOOR FINISHES TO BARE CONCRETE.

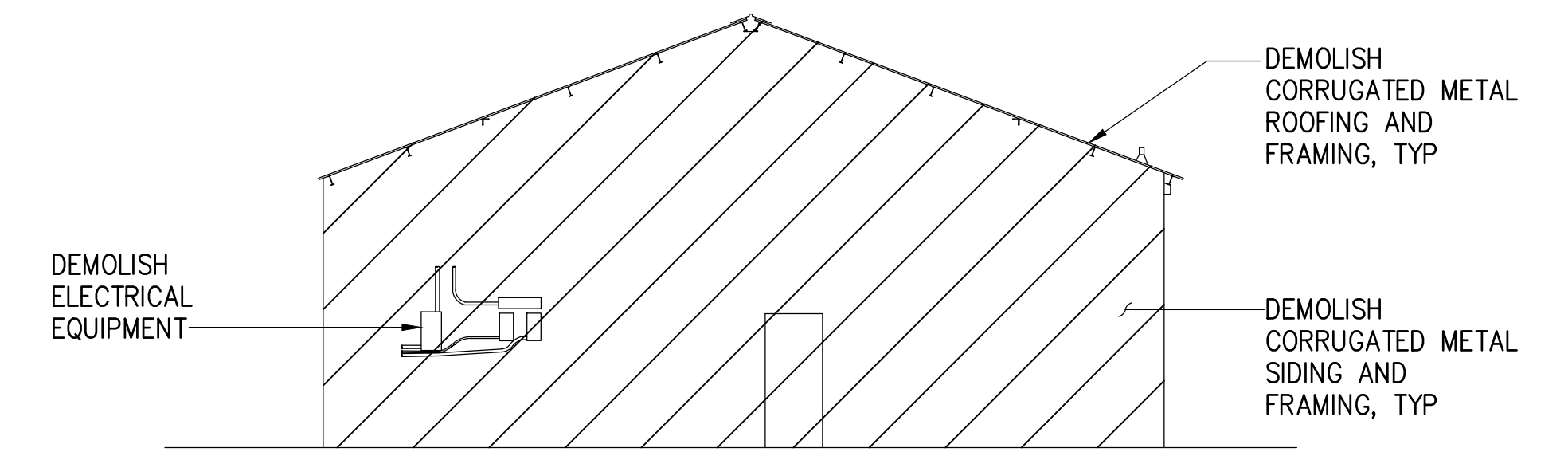
| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|----------------|----|------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 SHED FLOOR AND ROOF DEMOLITION PLANS | | | | |
| DESIGNED BY: JS | | JOB NUMBER | | SHEET |
| DRAWN BY: DL | | S10924 | | S-6 |
| CHECKED BY: GO | | | | |
| DATE: 04/2026 | | | | |
| SCALE: AS SHOWN | | 8 of 21 SHEETS | | |

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OR UNDER MY SUPERVISION
EXP 4-30-28

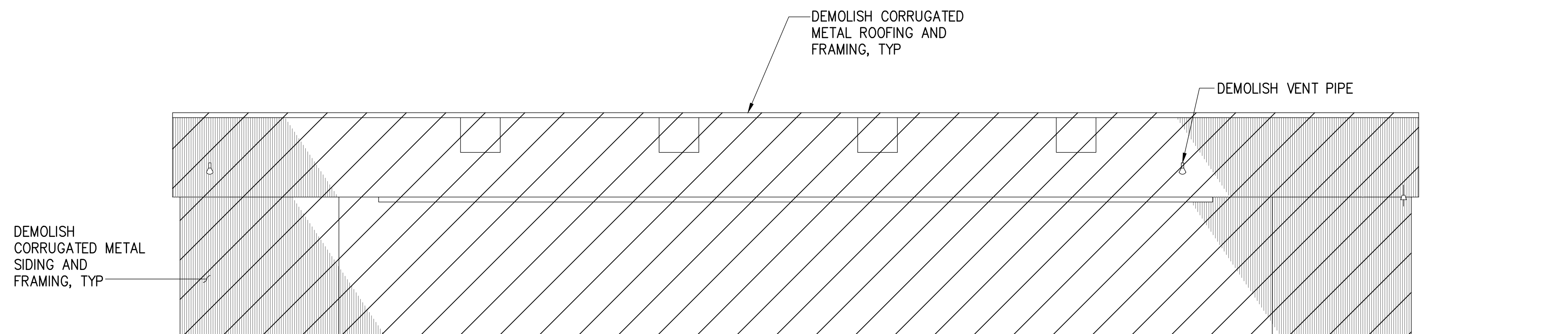
MKE ASSOCIATES LLC



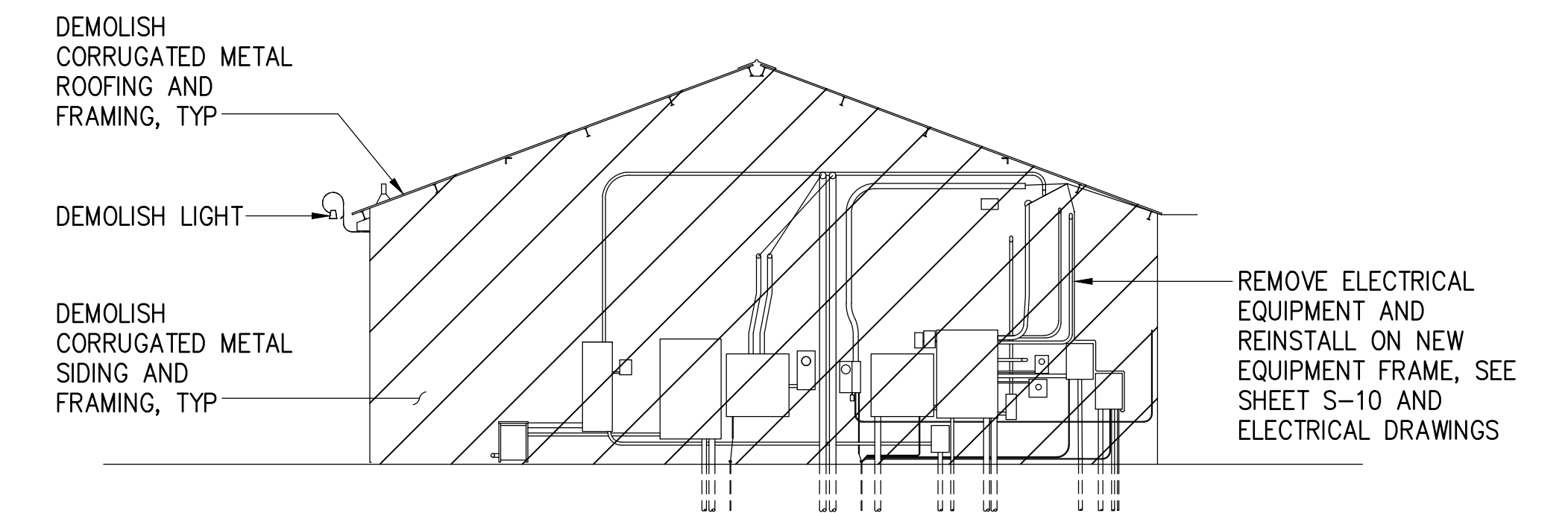
DIAMOND HEAD



MAUKA



EWA

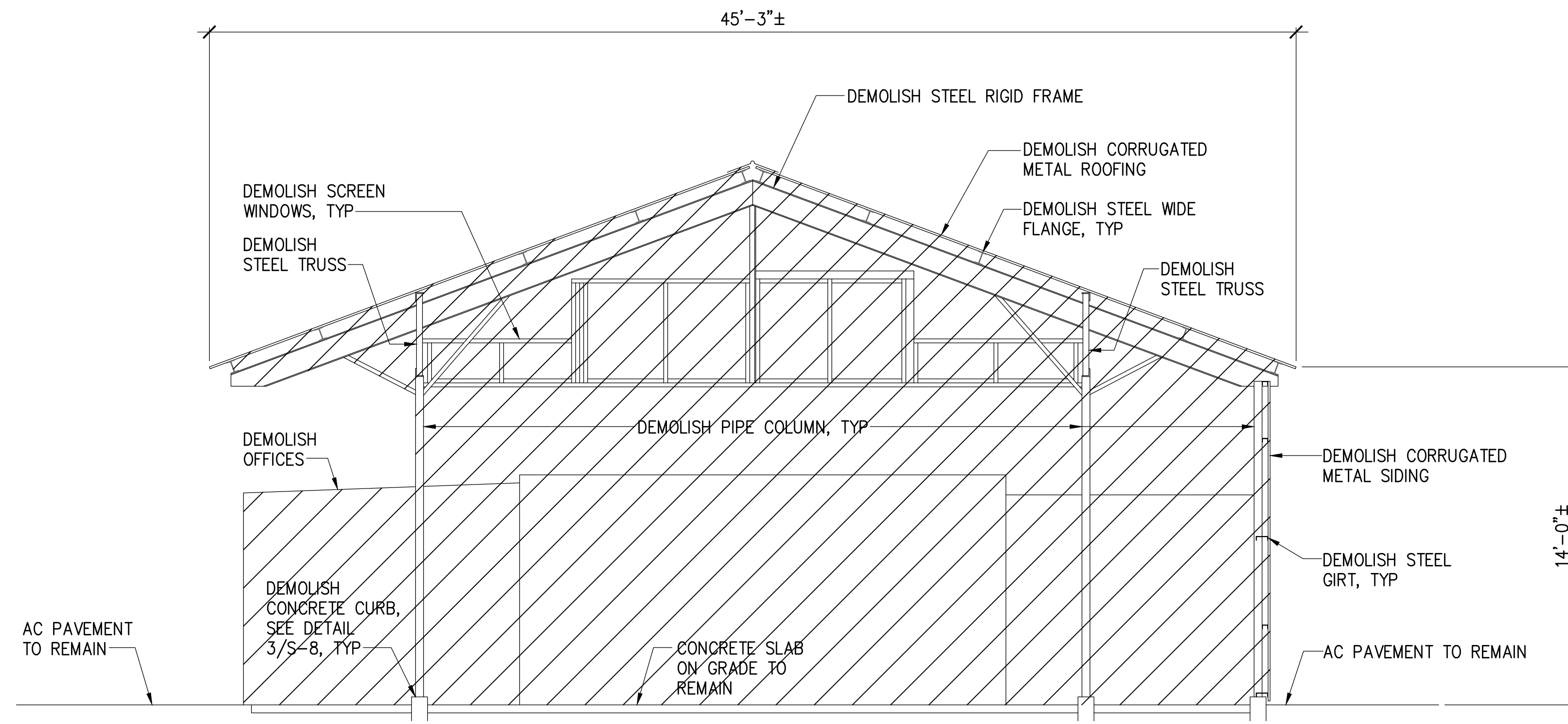


MAKAI

NOTE:
ALL STRUCTURES, UTILITIES, ETC. SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.

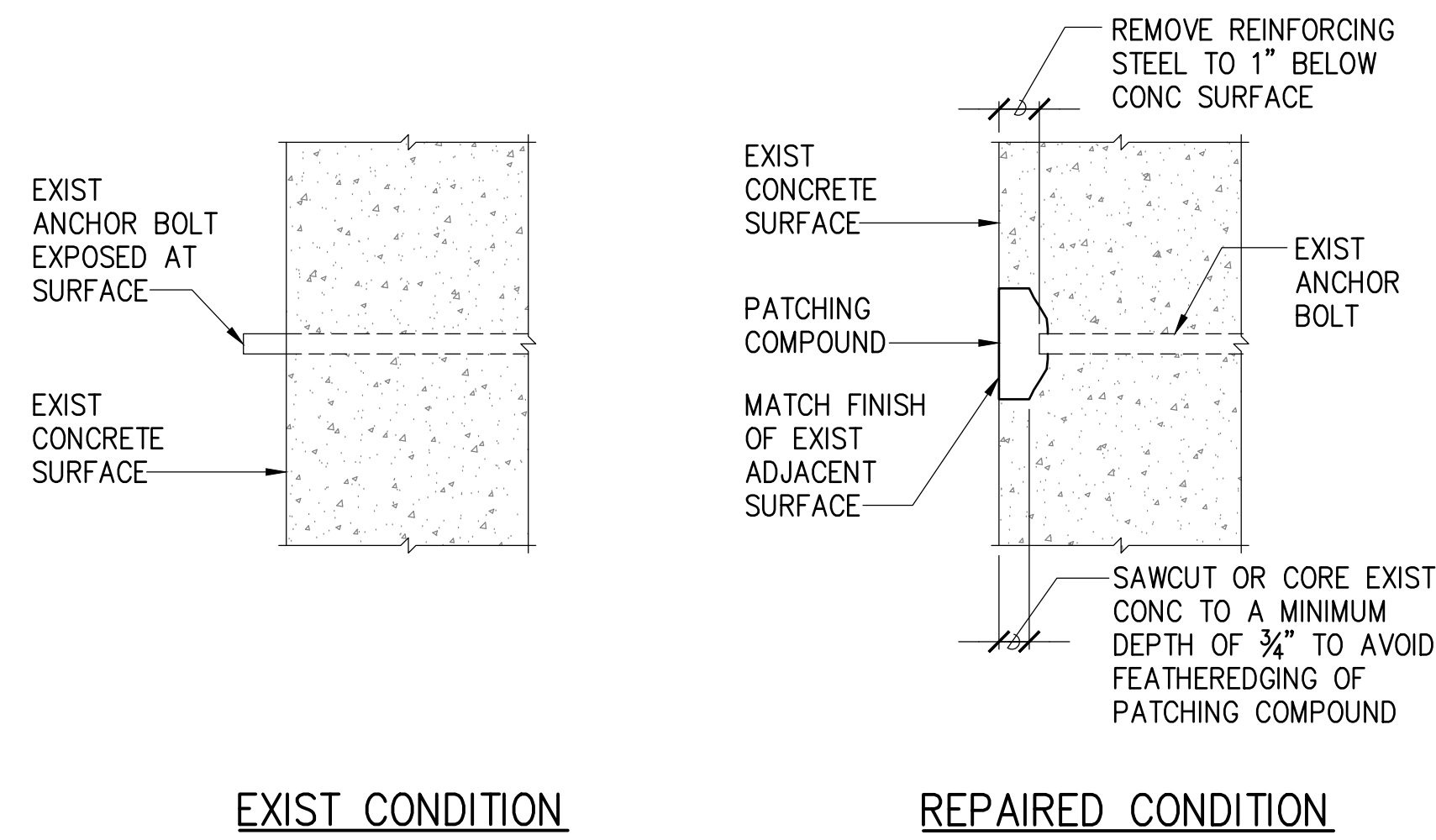
ELEVATIONS
SCALE: 1/8" = 1'-0"

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|----------------------------------|----------------------|----------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 SHED ELEVATIONS | | | | |
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28 | | DESIGNED BY: JS | SHEET S-7 | |
| MKE ASSOCIATES LLC | | DRAWN BY: DL | JOB NUMBER S10924 | |
| | | CHECKED BY: GO | | |
| | | DATE: 04/2026 SCALE: AS SHOWN | | |
| 9 of 21 SHEETS | | | | |



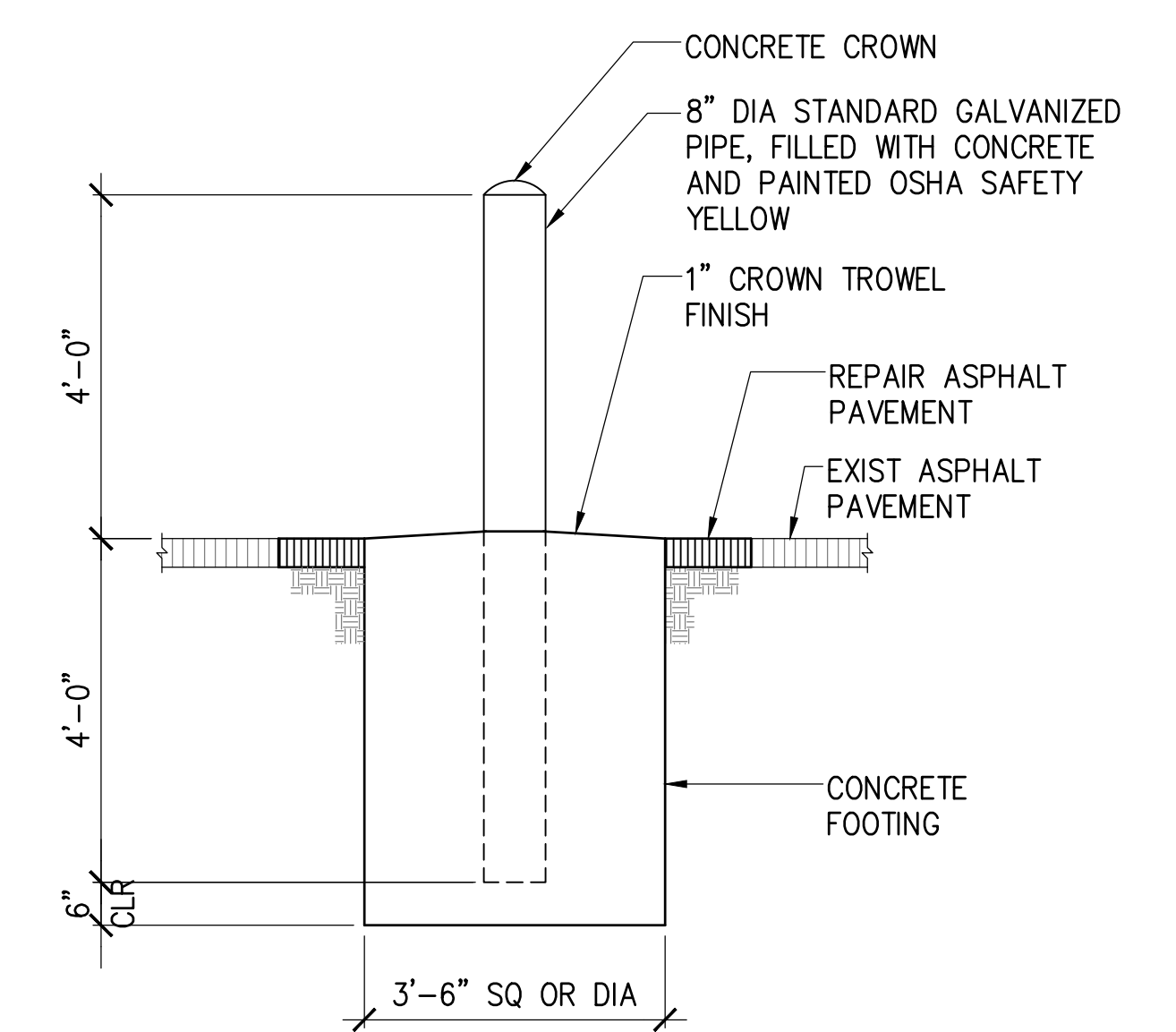
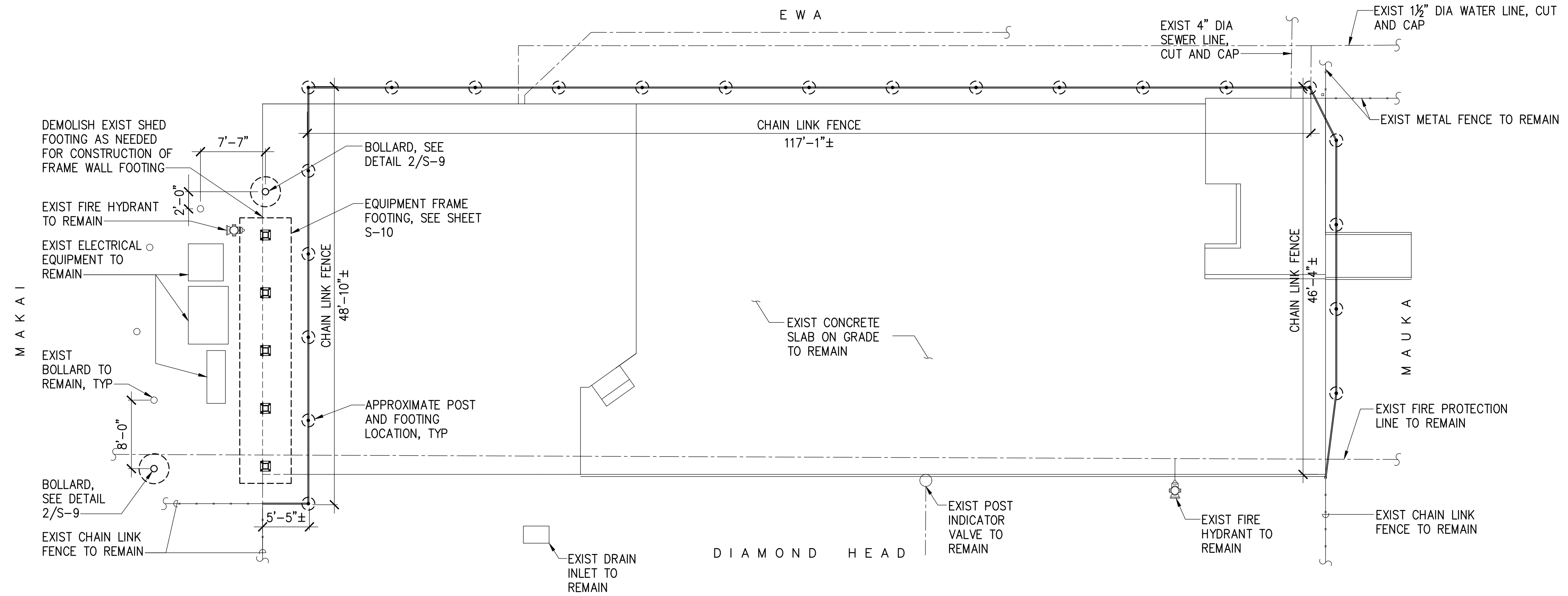
NOTE:
ALL STRUCTURES, UTILITIES, ETC. SHOWN ARE EXISTING UNLESS NOTED OTHERWISE.

1 SHED SECTION
S-8 SCALE: 1/4" = 1'-0"



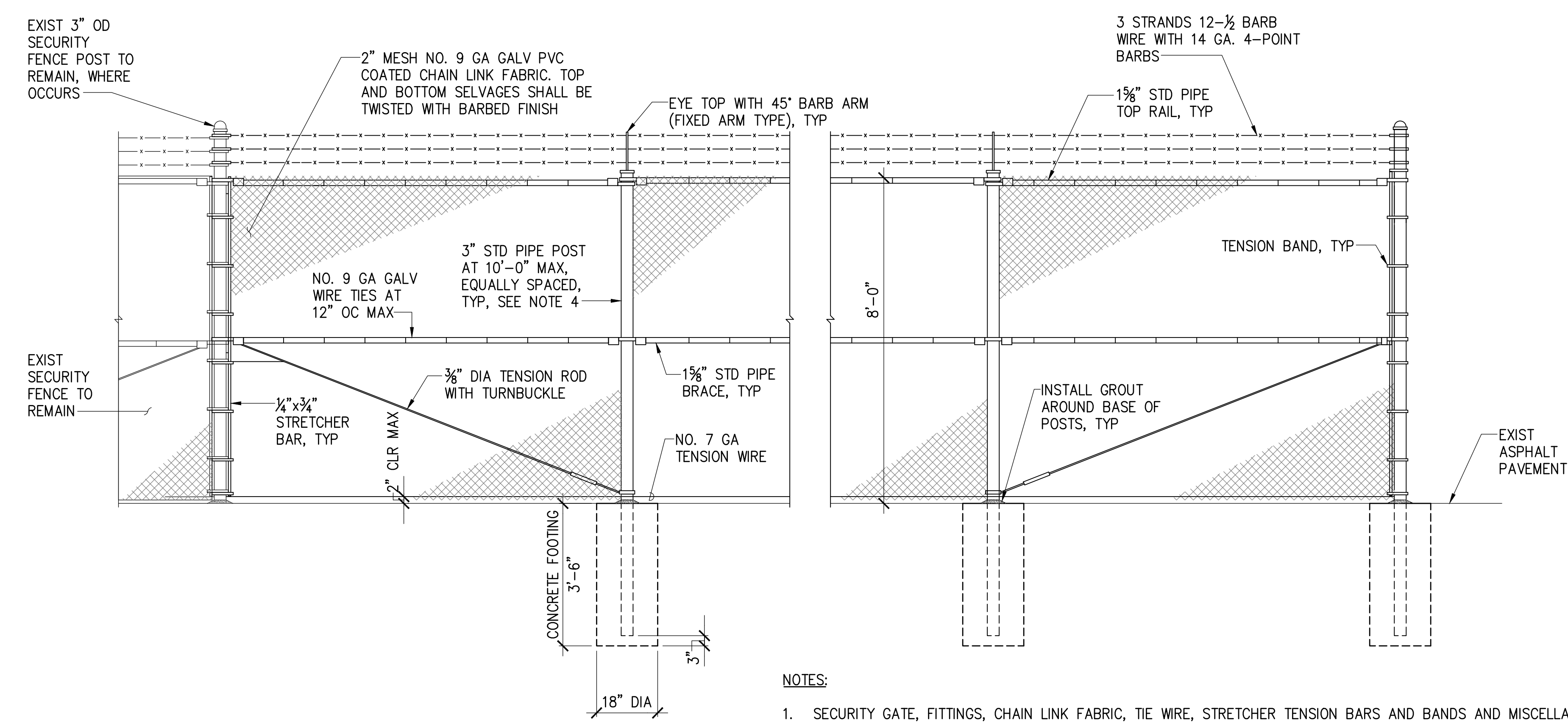
2 TYPICAL ANCHOR REPAIR DETAIL
S-8 NOT TO SCALE

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|----------------------|----|---------------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 SHED SECTION AND TYPICAL REPAIR DETAILS | | | | |
| DESIGNED BY: JS | | DRAWN BY: DL | | SHEET S-8 |
| CHECKED BY: GO | | DATE: 04/2026 | | |
| MKE ASSOCIATES LLC | | JOB NUMBER S10924 | | 10 of 21 SHEETS |
| SCALE: AS SHOWN | | | | |



1 FLOOR PLAN
S-9 SCALE: 1/8" = 1'-0"

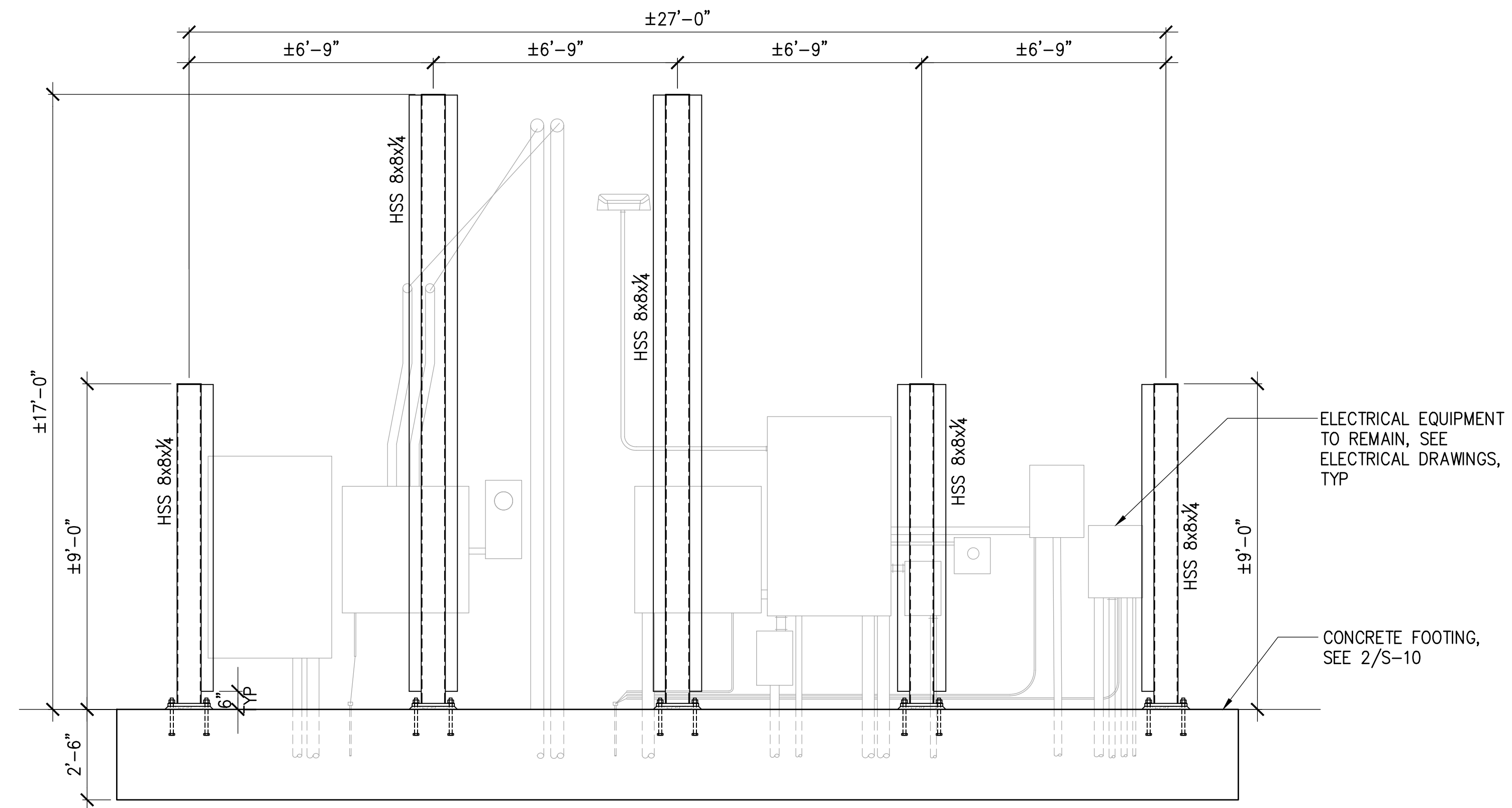
2 BOLLARD DETAIL
S-9 SCALE: 1/2" = 1'-0"



- NOTES:
- SECURITY GATE, FITTINGS, CHAIN LINK FABRIC, TIE WIRE, STRETCHER TENSION BARS AND BANDS AND MISCELLANEOUS HARDWARE SHALL BE HOT DIP GALVANIZED AND PVC COATED. COLOR SHALL BE DARK GREEN. UNCOATED BOLTS, WASHERS AND NUTS SHALL BE TYPE 316 STAINLESS STEEL.
 - CHAIN LINK FABRIC SHALL BE CONTINUOUS AND FASTENED TO END POSTS BY STRETCHER TENSION BARS AND TENSION BANDS. TENSION BANDS SHALL BE SPACED 12" APART.
 - WIRE FASTENINGS SHALL BE INSTALLED AT INTERMEDIATE POSTS, HORIZONTAL RAIL AND BOTTOM DIAGONAL FRAME MEMBERS.

3 FENCE ELEVATION
S-9 SCALE: 1/2" = 1'-0"

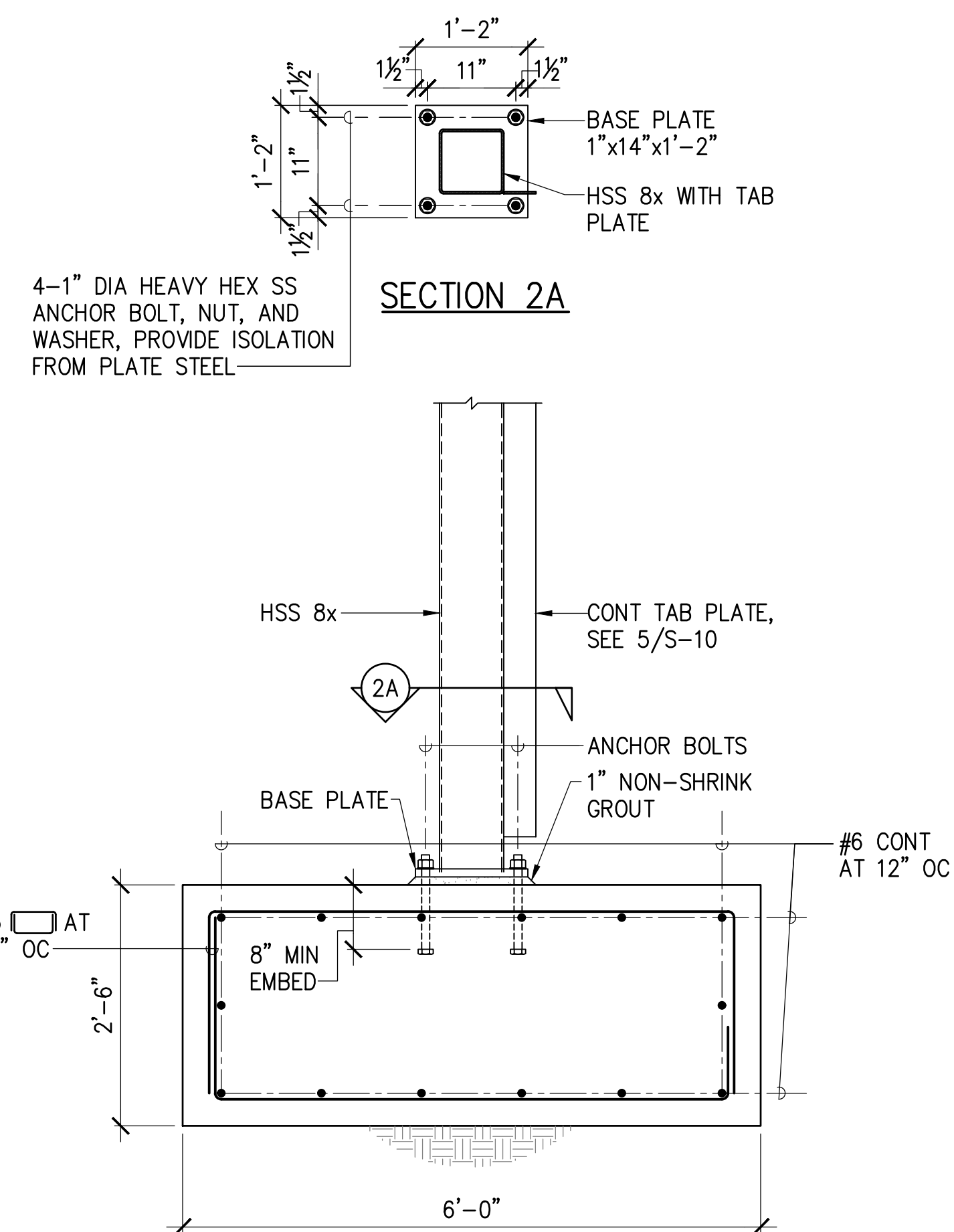
| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|-----------------|----|-----------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 SHED FLOOR PLAN AND TYPICAL REPAIR DETAILS | | | | |
| DESIGNED BY: JS | | JOB NUMBER | | SHEET |
| DRAWN BY: DL | | S10924 | | S-9 |
| CHECKED BY: GO | | DATE: 04/2026 | | 11 OF 21 SHEETS |
| MKE ASSOCIATES LLC | | SCALE: AS SHOWN | | |



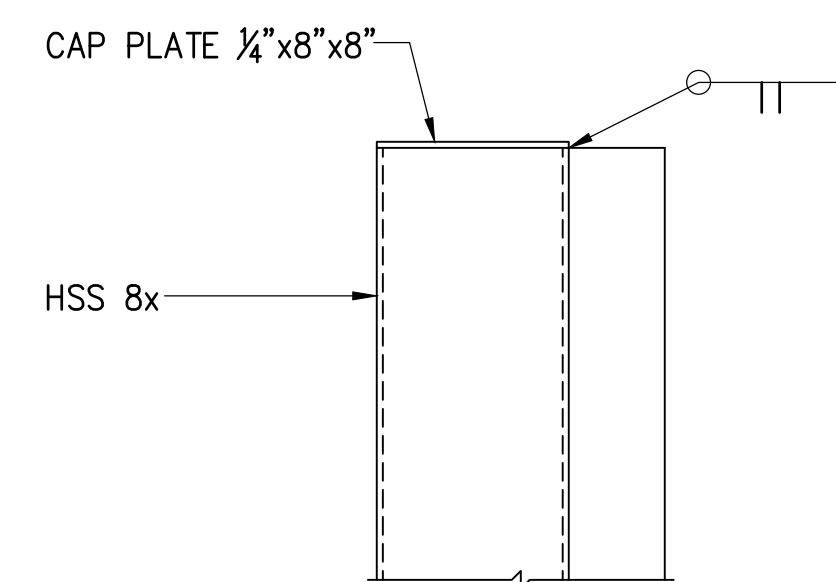
NOTE:

1. EQUIPMENT FRAME SHALL BE PAINTED GRAY.
2. UNISTRUT CHANNELS NOT SHOWN FOR CLARITY.

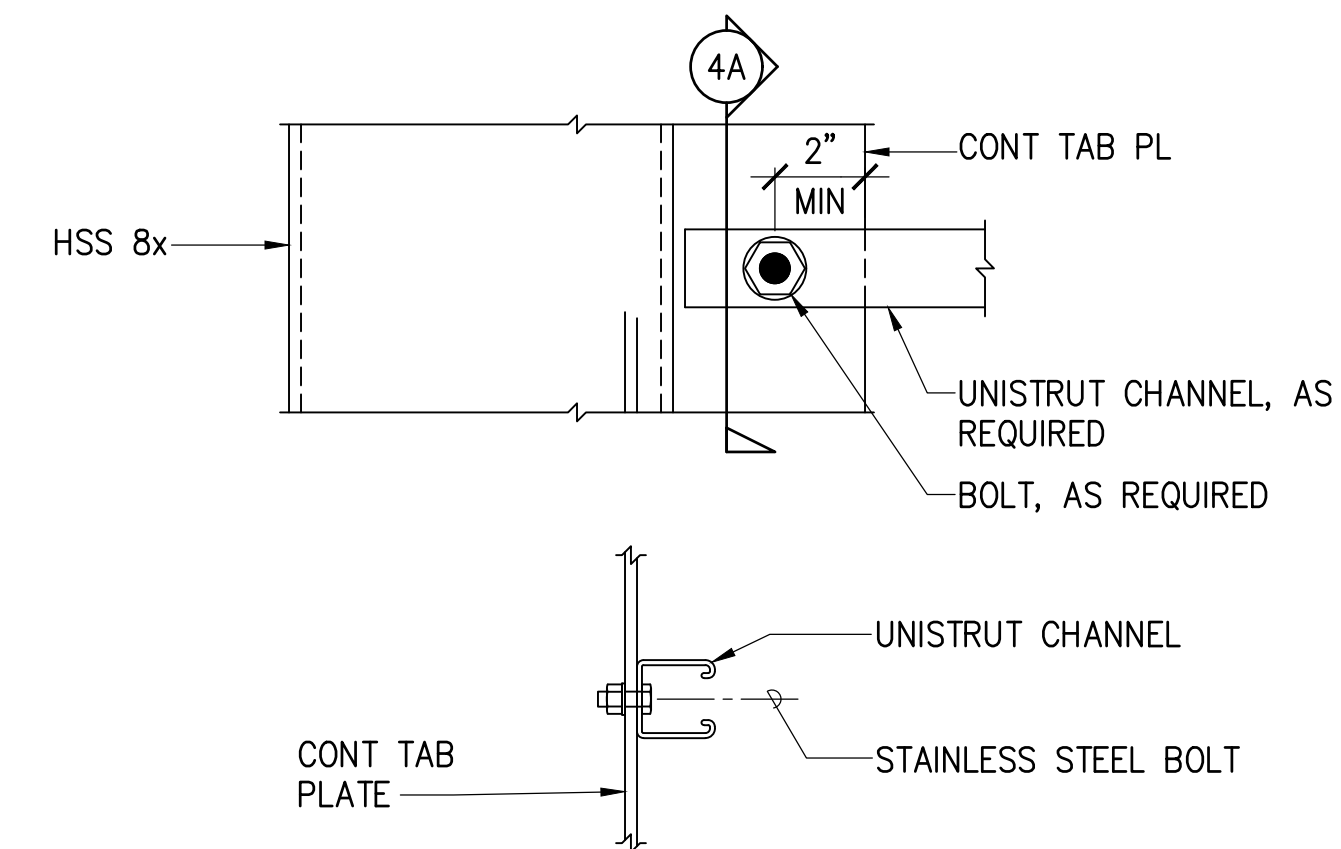
1 EQUIPMENT FRAME MAKAI ELEVATION
S-10 SCALE: 3/8" = 1'-0"



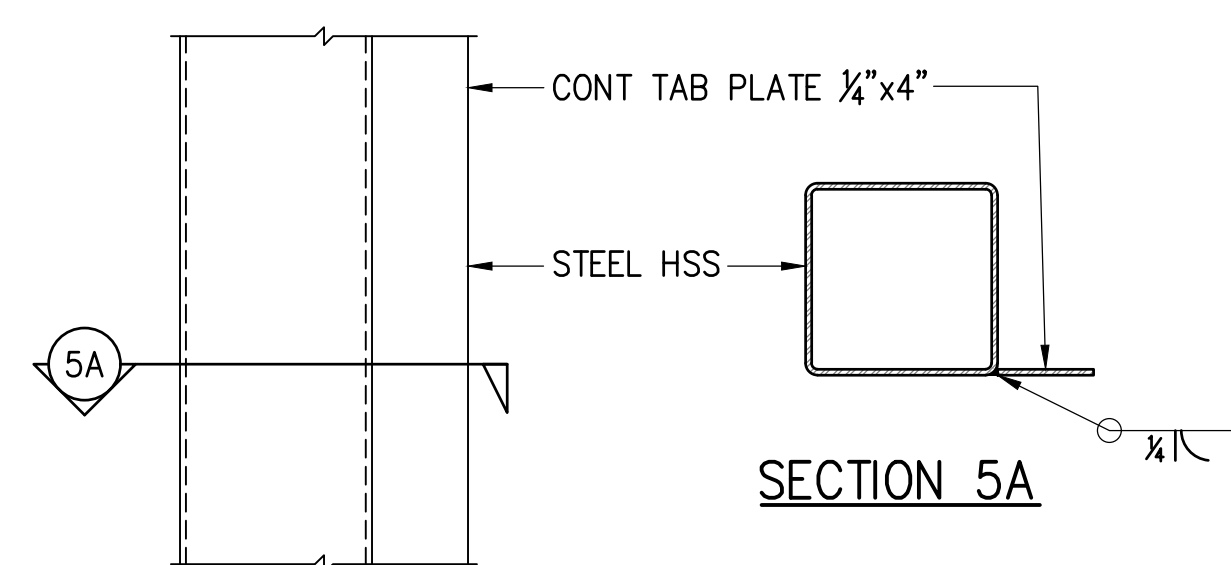
2 FRAME FOOTING DETAIL
S-10 SCALE: 3/4" = 1'-0"



3 TYPICAL TOP CAP DETAIL
S-10 SCALE: 1-1/2" = 1'-0"



4 TYPICAL UNISTRUT CHANNEL CONNECTION
S-10 NOT TO SCALE



5 TYPICAL TAB PLATE CONNECTION DETAIL
S-10 SCALE: 1-1/2" = 1'-0"

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|----------------------|-------------|----|----------------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 EQUIPMENT FRAME | | | | |
| DESIGNED BY: JS | JOB NUMBER S10924 | | | SHEET S-10 |
| DRAWN BY: DL | | | | 12 OF 21 SHEETS |
| CHECKED BY: GO | | | | |
| DATE: 04/2026 | | | | |
| SCALE: AS SHOWN | | | | |

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OR UNDER MY SUPERVISION
EXP 4-30-28
MKE ASSOCIATES LLC



PHOTO 1 – PIER 18 SHED



PHOTO 2 – PIER 18 SHED



PHOTO 3 – PIER 18 SHED



PHOTO 4 – PIER 18 SHED



PHOTO 5 – PIER 18 SHED



PHOTO 6 – PIER 18 SHED



PHOTO 7 – PILOT'S ASSOCIATION BUILDING

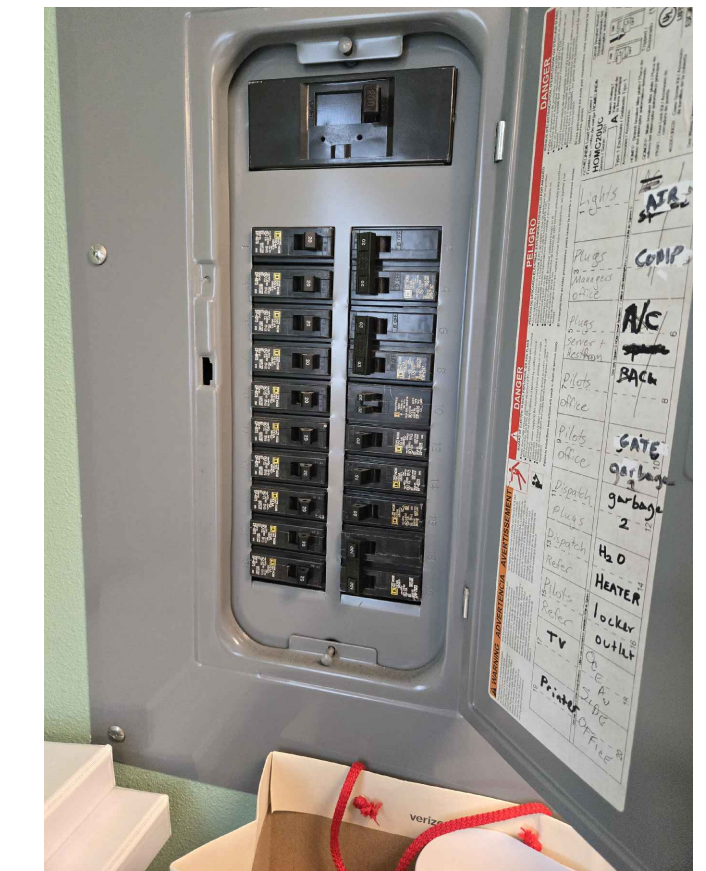


PHOTO 8 – PILOT'S ASSOCIATION BUILDING



PHOTO 9 – SHERIFF'S BUILDING



PHOTO 10 – SHERIFF'S BUILDING



PHOTO 11 – SHERIFF'S BUILDING

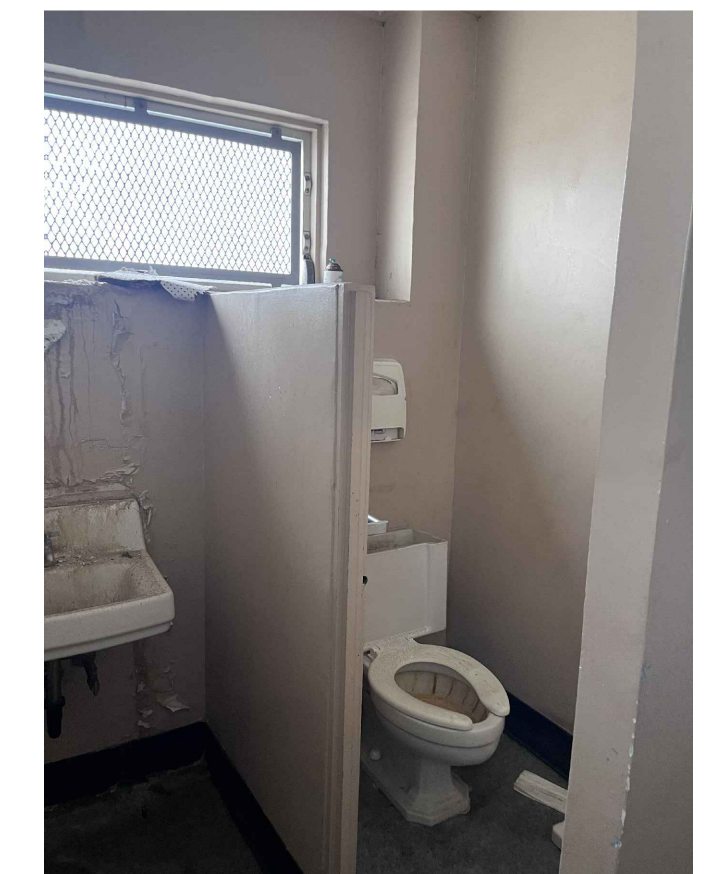


PHOTO 12 – SHERIFF'S BUILDING

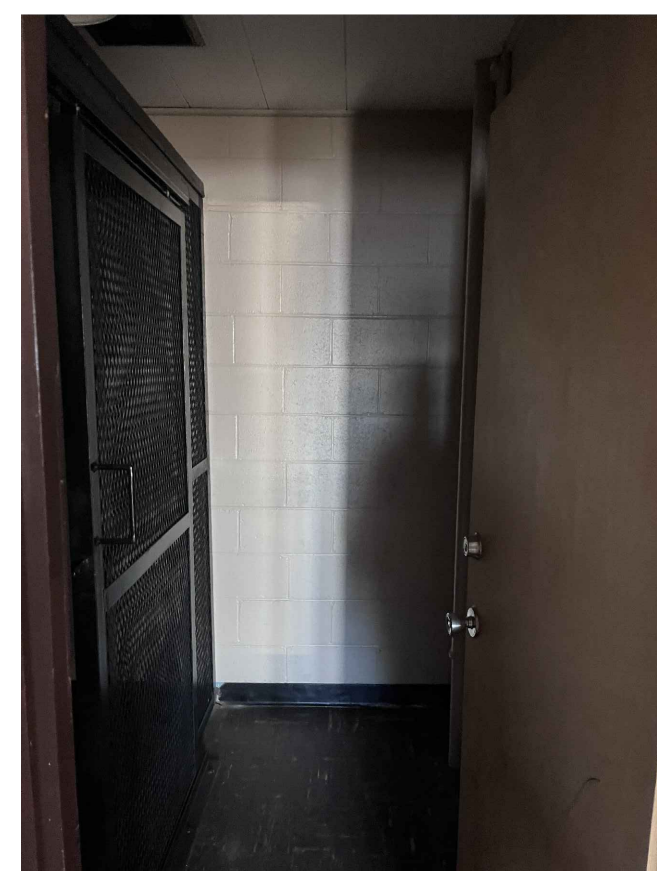


PHOTO 13 – SHERIFF'S BUILDING



PHOTO 14 – SHERIFF'S BUILDING



PHOTO 15 – SHERIFF'S BUILDING

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|-------------|-----------------|----------------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PHOTOGRAPHS | | | | |
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28 | | | DESIGNED BY: JS | SHEET S-11 |
| MKE ASSOCIATES LLC | | | DRAWN BY: DL | |
| | | | CHECKED BY: GO | JOB NUMBER S10924 |
| | | | DATE: 04/2026 | |
| | | | SCALE: AS SHOWN | 13 of 21 SHTS. |

| ELECTRICAL SYMBOL LIST | | |
|------------------------|------|---|
| SYMBOL | | DESCRIPTION |
| EXISTING | NEW | |
| | | LUMINAIRE, WALL MOUNTED |
| | | PANELBOARD |
| | | ENCLOSED CIRCUIT BREAKER |
| | | SURFACE MOUNTED RACEWAY |
| | | UNDERGROUND DUCTLINE |
| | | OVERHEAD CONDUCTORS |
| | GND | GROUND |
| | HECO | HAWAIIAN ELECTRIC COMPANY |
| | JB | JUNCTION BOX |
| | KVA | KILOVOLT-AMPERE |
| | WP | WEATHERPROOF |
| | +42" | DENOTES 42" ABOVE FINISHED FLOOR OR GRADE |
| | X | DENOTES DEMOLITION/REMOVAL |
| | | DETAIL INDICATOR: TOP HALF DENOTES DETAIL NUMBER BOTTOM HALF DENOTES SHEET NUMBER |

GENERAL ELECTRICAL NOTES:

- ALL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), AND THE NATIONAL ELECTRICAL SAFETY CODE. CONSTRUCTION PRACTICES SHALL CONFORM TO THE LATEST EDITION OF AMERICAN ELECTRICIANS' HANDBOOK BY CROFT, AND APPLICABLE INSTRUCTIONS OF MANUFACTURERS OF EQUIPMENT AND MATERIAL SUPPLIED FOR THIS PROJECT.
- THE DRAWINGS DO NOT REFLECT ALL THE EXISTING CONDITIONS THAT MAY BE ENCOUNTERED DURING CONSTRUCTION. VISIT THE PROJECT SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, THE EXTENT OF ANY DEMOLITION, RELOCATION, RECONNECTION, AND THE NEW WORK PRIOR TO THE START OF ON-SITE CONSTRUCTION ACTIVITIES. REPORT ANY DISCREPANCIES AND/OR DIFFERENCES BETWEEN THE EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS TO THE STATE. RESOLVE ALL DISCREPANCIES AND QUESTIONS PRIOR TO THE START OF WORK. BID SUBMISSION SHALL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS VISITED THE SITE AND RESOLVED ALL DISCREPANCIES AND QUESTIONS AND NO EXTRA PAYMENT WILL BE AUTHORIZED FOR WORK REQUIRED BY THE CONTRACTOR'S FAILURE TO DO SO.
- EXISTING DEVICE LOCATIONS, CIRCUIT ASSIGNMENTS, WIRING CONNECTIONS, AND CONDUIT RUNS INDICATED WERE DERIVED FROM AVAILABLE REFERENCE DOCUMENTS AND LIMITED FIELD INVESTIGATION. FIELD VERIFY ALL EXISTING CONDITIONS AND MAKE ANY NECESSARY ADJUSTMENTS TO SATISFY THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.
- RE-ROUTE ALL EXISTING CONDUIT, WIRING AND CABLING TO REMAIN WITHIN THE PROJECT AREA AS NECESSARY TO FACILITATE THE REMOVAL OF EXISTING EQUIPMENT AS WELL AS THE INSTALLATION OF ALL NEW EQUIPMENT. REMOVE AND RE-INSTALL ELECTRICAL EQUIPMENT, INCLUDING LIGHTS, TO REMAIN AS REQUIRED.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- WORK INCIDENTAL TO THE CONTRACT AND NECESSARY TO COMPLETE THE PROJECT, ALTHOUGH NOT SPECIFICALLY REFERRED TO IN THE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- THE LOCATION OF THE ELECTRICAL APPARATUS AND DEVICES ARE APPROXIMATE AND BEFORE INSTALLING, STUDY STRUCTURAL DETAILS AND MAKE INSTALLATION IN THE MOST LOGICAL MANNER. ANY PIECE OF EQUIPMENT/DEVICE MAY BE RELOCATED WITHIN 10' BEFORE INSTALLATION AT THE DIRECTION OF THE HARBORS CONSTRUCTION ENGINEER WITHOUT ADDITIONAL CHARGE TO THE PROJECT.
- SHOULD PROJECT CONDITIONS REQUIRE REARRANGEMENT OF THE PROJECT'S WORK, THE CONTRACTOR SHALL MARK SUCH CHANGES ON THE AS-BUILT DRAWINGS. IF THESE CHANGES REQUIRE AN ALTERNATE METHOD TO THOSE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SUBMIT DRAWINGS TO REFLECT THE PROPOSED ALTERNATE METHODS TO THE HARBORS CONSTRUCTION ENGINEER FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL NOT PROCEED UNTIL APPROVAL IS OBTAINED. REARRANGEMENT OF WORK FOR THE PURPOSE OF COORDINATION SHALL NOT BE CONSIDERED AN ITEM FOR EXTRA COST.
- MAINTAIN CONTINUITY OF ALL CIRCUITS THAT PASS THROUGH THE PROJECT LIMITS AND SERVE OTHER AREAS OR EQUIPMENT INDICATED TO REMAIN. PROVIDE NEW JUNCTION BOXES, CONDUITS & WIRING, AND THE LABOR REQUIRED TO FACILITATE SAID CONTINUITY. BOXES, CONDUITS AND WIRING SHALL BE IN ACCORDANCE WITH THE NEC.
- A GREEN, EQUIPMENT GROUND CONDUCTOR SIZED IN ACCORDANCE WITH THE NEC ARTICLE 250 SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUITS WHETHER INDICATED ON CONTRACT DRAWINGS OR NOT.
- ALL PANELBOARDS SHALL BE PERMANENTLY MARKED TO INDICATE THE DEVICE OR EQUIPMENT WHERE THE FEEDER ORIGINATES IN ACCORDANCE WITH NEC ARTICLE 408.4(B). THE LABEL SHALL BE AN ENGRAVED PLASTIC NAMEPLATE PERMANENTLY AFFIXED TO THE ENCLOSURE.
- PANELBOARDS SHALL BE FIELD OR FACTORY MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRICAL ARC FLASH HAZARDS IN ACCORDANCE WITH NEC ARTICLE 110.16(A). THE MARKING SHALL MEET THE REQUIREMENTS OF NEC ARTICLE 110.21(B) AND SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT AND FACILITIES NOT SCHEDULED FOR DEMOLITION SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR SHALL MINIMIZE OUTAGES AND COORDINATE WITH THE HARBORS CONSTRUCTION ENGINEER, HARBORS OAHU DISTRICT AND ALL USERS AND TENANTS AT LEAST TWO WEEKS PRIOR TO ALL OUTAGES.

| | | | | | |
|--|---|--------------|-------------|-----------------|-----------------|
| <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28 <i>Michele N. Adolph</i> ECS, INC.</p> | REVISION | DATE | DESCRIPTION | BY | APPROVED |
| | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| | JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| | SHEET TITLE ELECTRICAL SYMBOL LIST AND GENERAL NOTES | | | | |
| | DESIGNED BY: MA | DRAWN BY: OL | | | CHECKED BY: MA |
| DATE: 04/2026 | JOB NUMBER: S10924 | | | SCALE: AS SHOWN | 14 of 21 SHEETS |

PIER 22

WAREHOUSE

JOINT UTILITY POLE 10T

BUILDING
JOINT UTILITY POLE 10

EXISTING JOINT UTILITY POLE, TYPICAL

SHERIFF'S BUILDING

OVERHEAD SECONDARY POWER AND TELECOMMUNICATIONS CABLES TO BE REMOVED BY HECO AND HAWAIIAN TELCOM

PIER 19 TERMINAL

PIER 19 SHED

EXISTING HECO HANDHOLE

EXISTING HECO PAD MOUNTED PRIMARY SWITCH AND PAD MOUNTED TRANSFORMER VAULT #4855

PIER 18 SHED

BUILDING

NIMITZ HIGHWAY

HAWAII PILOTS ASSOCIATION BUILDING

PIER 18

PIER 20

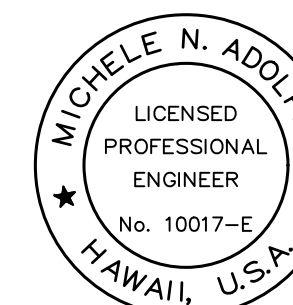
HONOLULU HARBOR

PIER 19



1
E-2

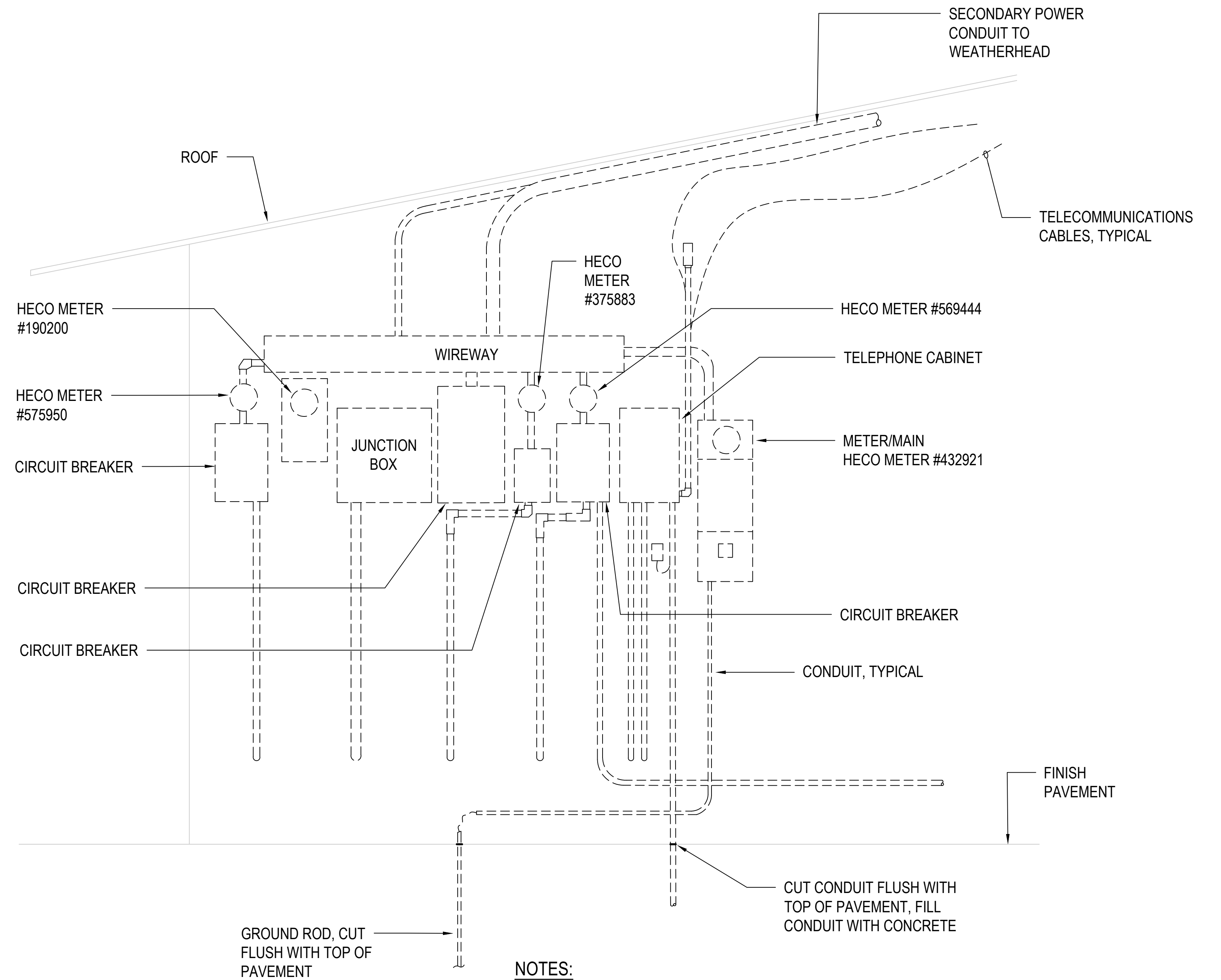
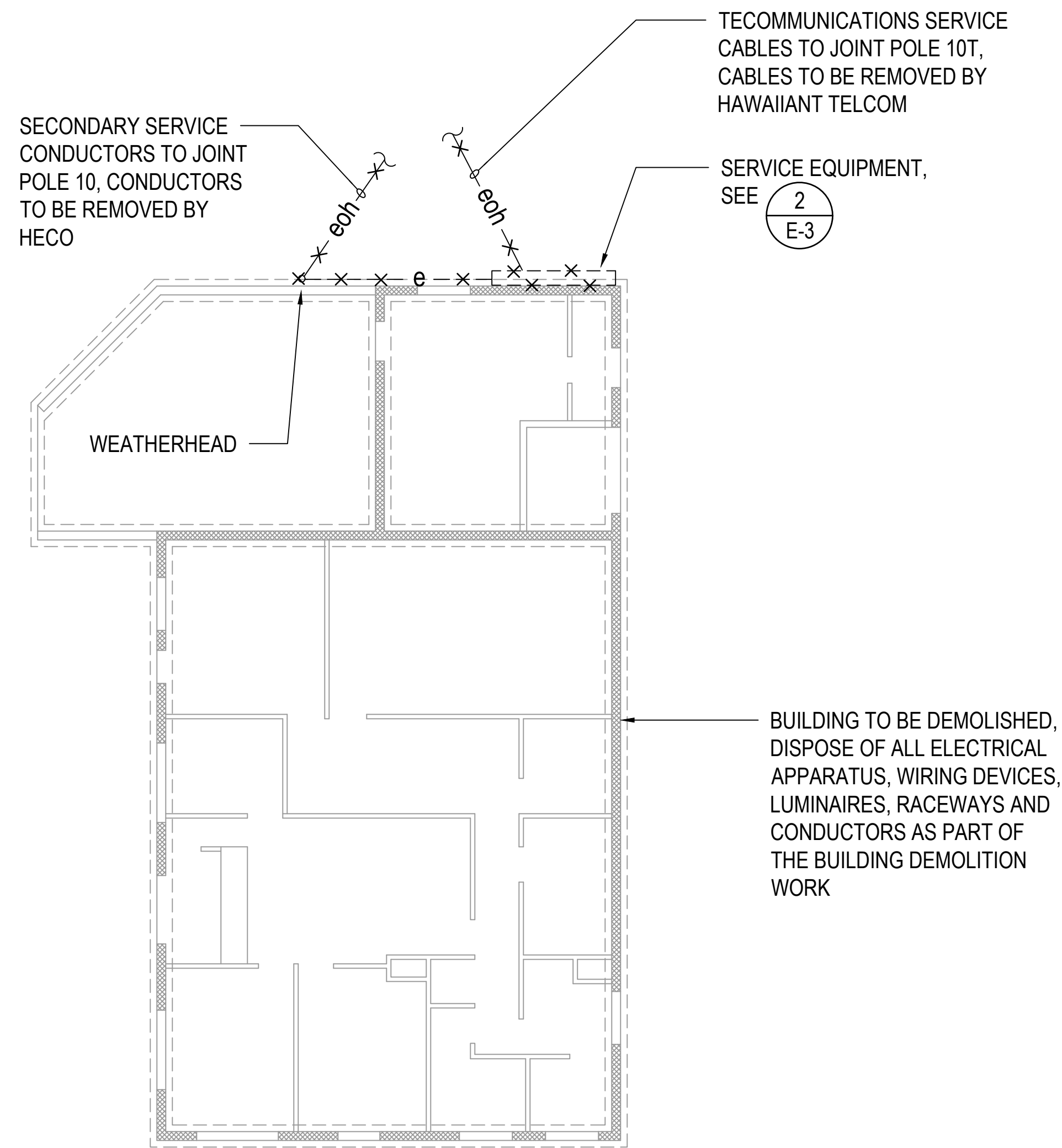
OVERALL ELECTRICAL SITE PLAN
NOT TO SCALE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

Michele N. Adolph
ECS, INC.

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|--|-----------------|-------------|-------|----------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE OVERALL ELECTRICAL SITE PLAN | | | | |
| DESIGNED BY: MA | JOB NUMBER | | SHEET | |
| DRAWN BY: OL | S10924 | | E-2 | |
| CHECKED BY: MA | | | | |
| DATE: 04/2026 | 15 OF 21 SHEETS | | | |
| SCALE: AS SHOWN | | | | |

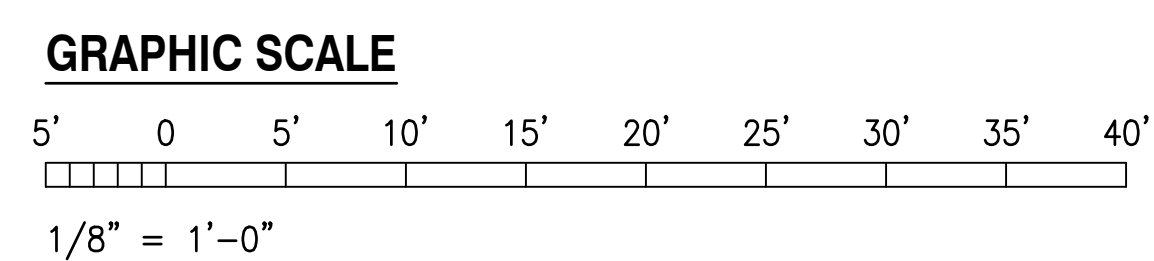


- NOTES:**
1. ALL ELECTRICAL APPARATUS, EQUIPMENT, CONDUIT AND CONDUCTORS SHALL BE REMOVED AS PART OF THE BUILDING DEMOLITION WORK UNLESS OTHERWISE INDICATED.
 2. COORDINATE REMOVAL OF HECO METERS WITH HECO.

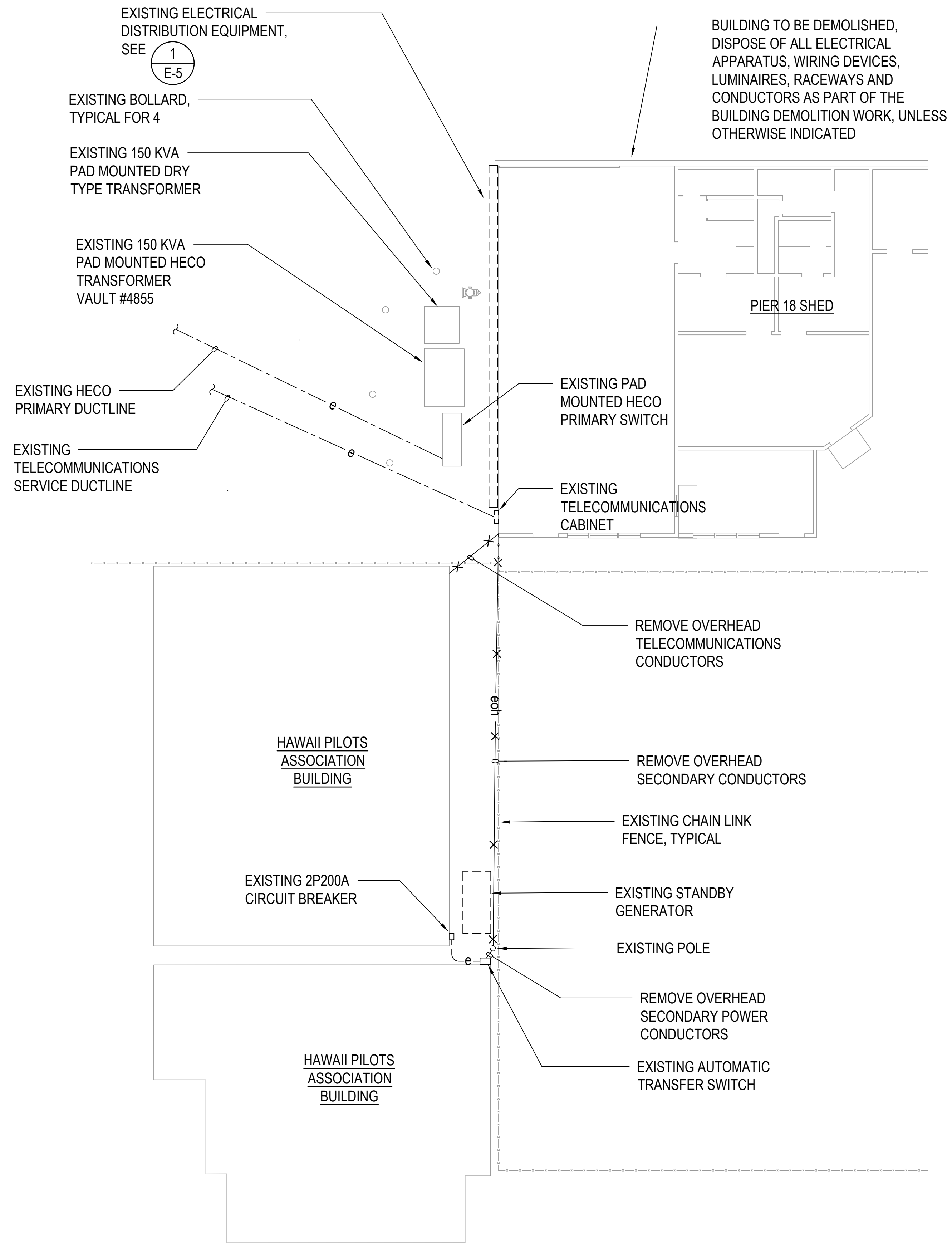


1
E-3 SHERIFF'S BUILDING ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

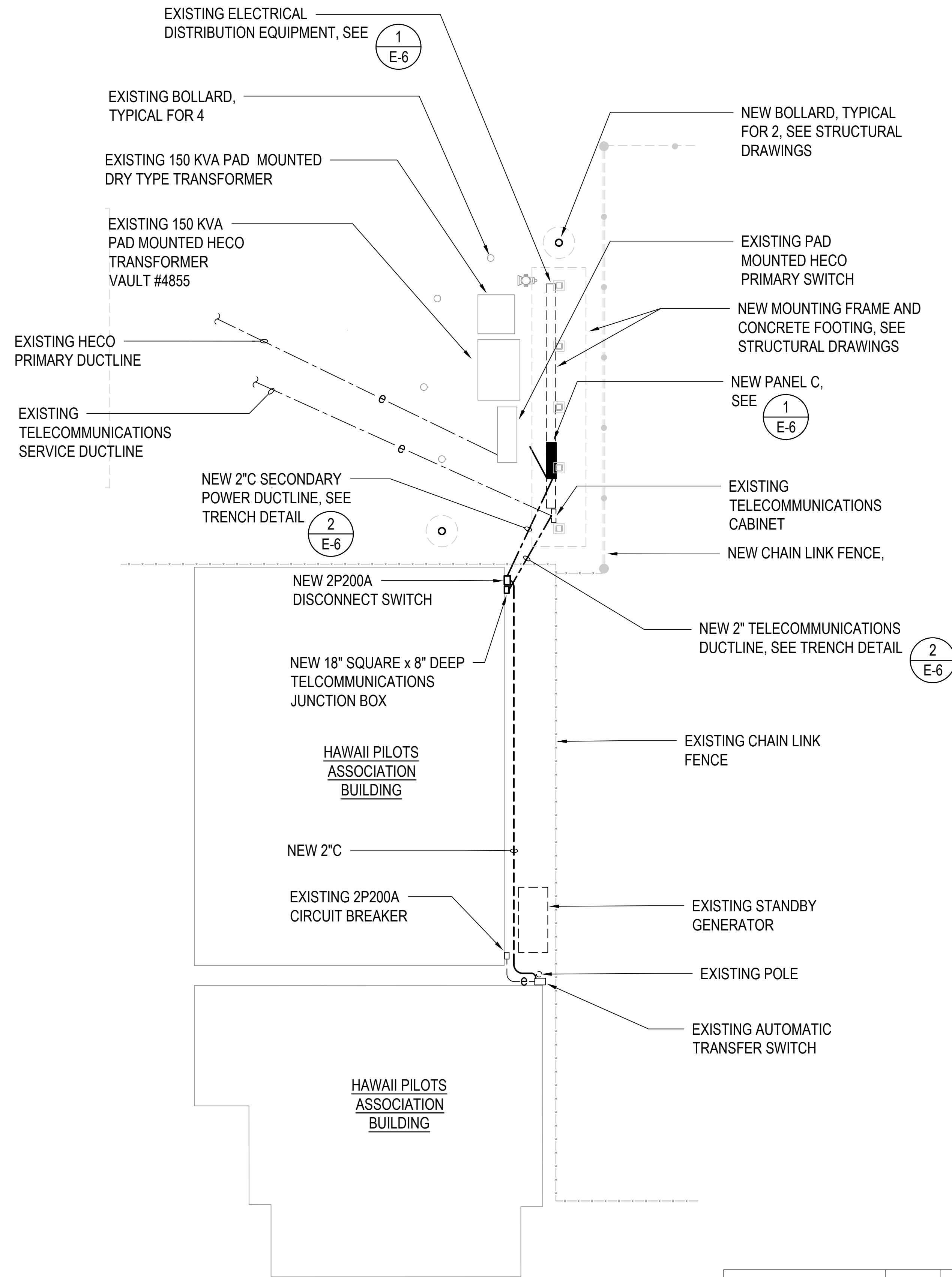
2
E-3 SHERIFF'S BUILDING SERVICE EQUIPMENT ELEVATION
NOT TO SCALE



| | | | | | |
|--|---|------|-------------|----|-----------------|
| <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28 <i>Michele N. Adolph</i> ECS, INC.</p> | REVISION | DATE | DESCRIPTION | BY | APPROVED |
| | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| | JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| | SHEET TITLE SHERIFF'S BUILDING ELECTRICAL PLAN | | | | |
| DESIGNED BY: MA | JOB NUMBER | | | | SHEET |
| DRAWN BY: OL | S10924 | | | | E-3 |
| CHECKED BY: MA | DATE: 04/2026 | | | | 16 OF 21 SHEETS |
| SCALE: AS SHOWN | | | | | |

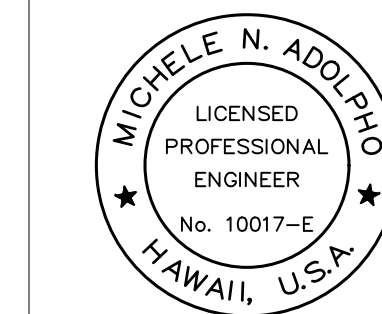
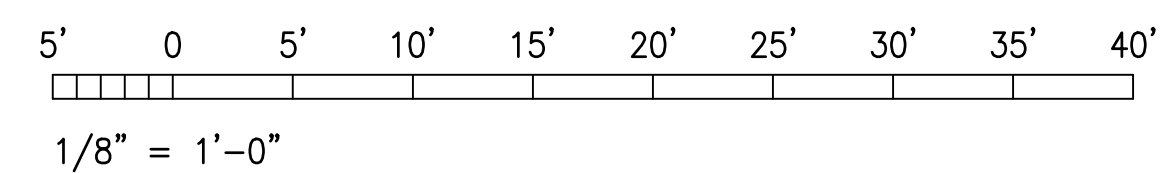


1
E-4 PIER 18 SHED ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



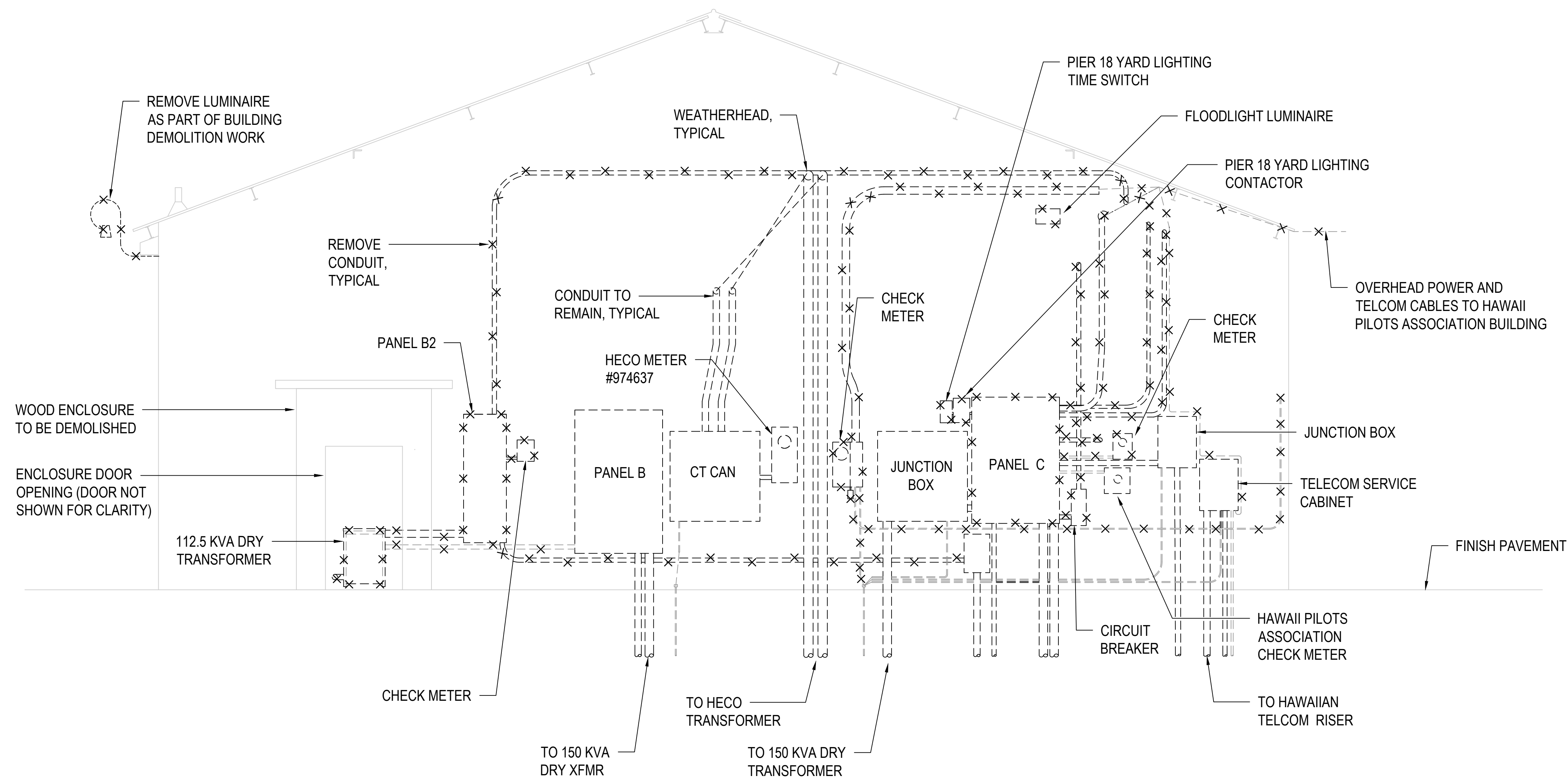
2
E-4 PIER 18 ELECTRICAL EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
EXP. 4-30-28
Michele N. Adolph
ECS, INC.

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|---------------|-------------|----|-----------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 SHED ELECTRICAL PLAN | | | | |
| DESIGNED BY: MA | JOB NUMBER | | | SHEET |
| DRAWN BY: OL | S10924 | | | E-4 |
| CHECKED BY: MA | DATE: 04/2026 | | | 17 of 21 SHEETS |
| SCALE: AS SHOWN | | | | |

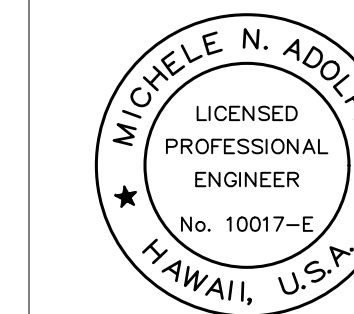
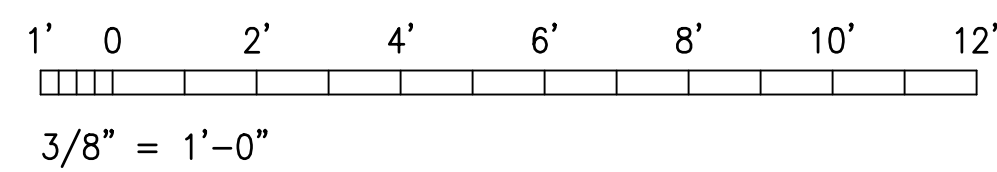


NOTE:

TEMPORARILY SUPPORT EXISTING EQUIPMENT AND CONDUIT INDICATED TO REMAIN DURING BUILDING DEMOLITION. EXISTING EQUIPMENT AND CONDUIT TO REMAIN WILL BE SUPPORTED BY A NEW FREESTANDING MOUNTING FRAME. SEE E-6 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

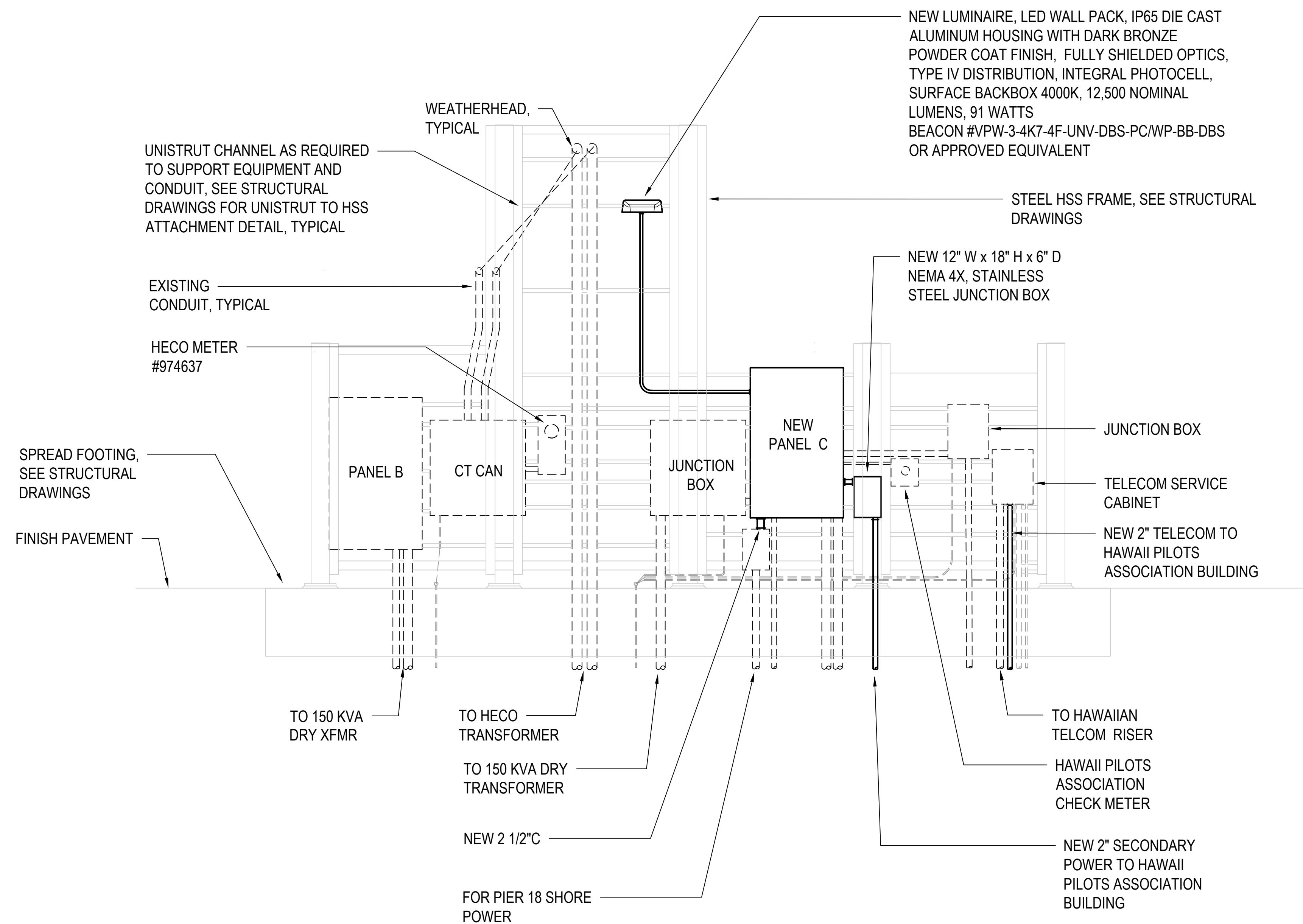
1 PIER 18 SHED EQUIPMENT ELEVATION - DEMO WORK
E-5 SCALE: 3/8" = 1'-0"

GRAPHIC SCALE



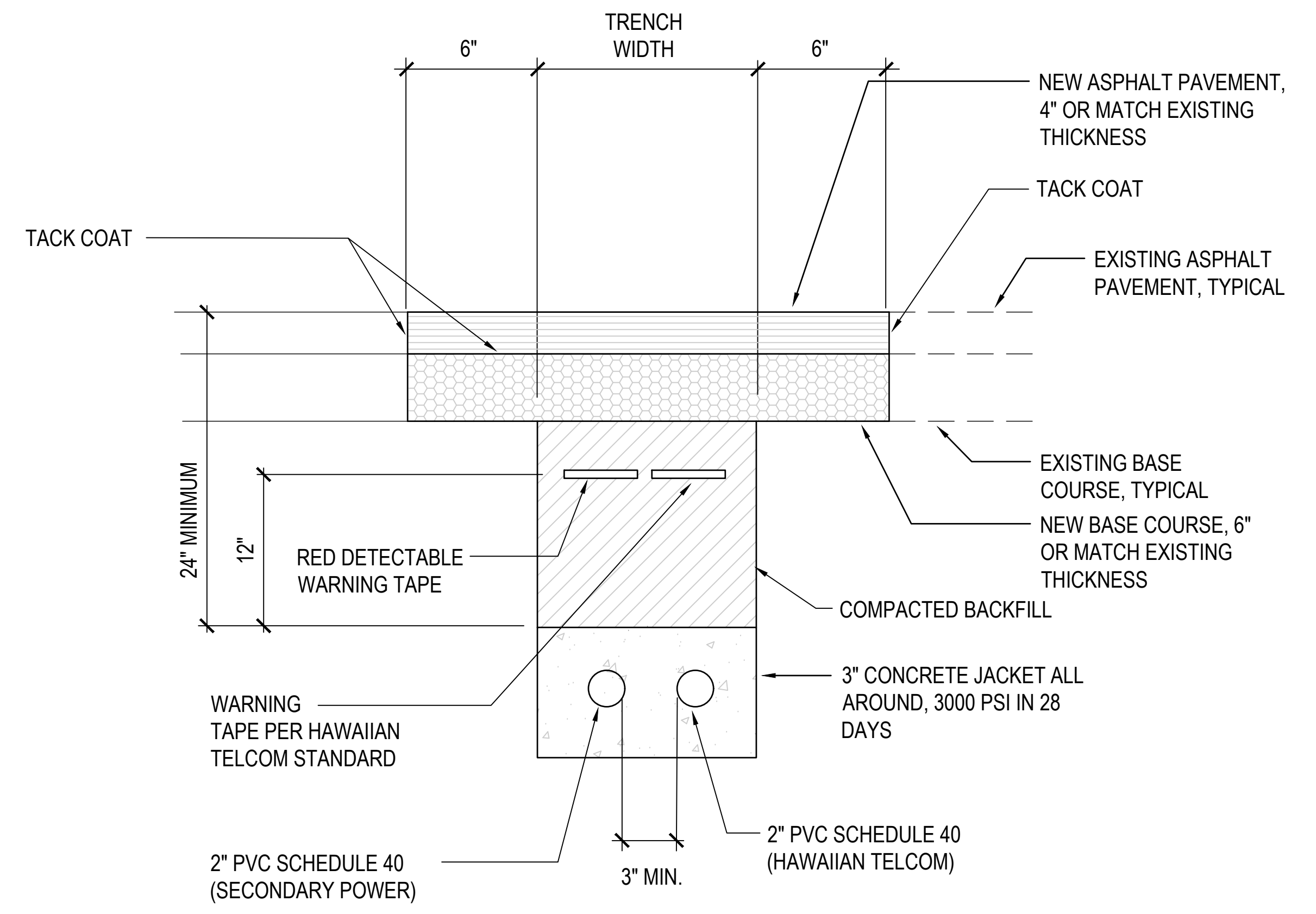
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 EXP 4-30-28
Michele N. Adolph
 ECS, INC.

| REVISION | DATE | DESCRIPTION | BY | APPROVED |
|---|------|-------------|----|----------------------|
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 SHED EQUIPMENT ELEVATION - DEMO WORK | | | | |
| DESIGNED BY: MA | | | | SHEET E-5 |
| DRAWN BY: OL | | | | JOB NUMBER S10924 |
| CHECKED BY: MA | | | | |
| DATE: 04/2026 | | | | |
| SCALE: AS SHOWN | | | | 18 of 21 SHEETS |

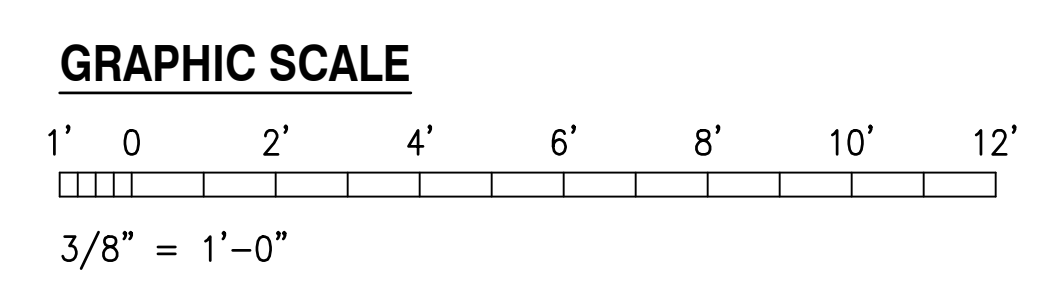


NOTE:
 SECURE EXISTING EQUIPMENT AND CONDUIT INDICATED TO THE NEW FREESTANDING MOUNTING FRAME. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

1
E-6 PIER 18 EQUIPMENT ELEVATION - NEW WORK
 SCALE: 3/8" = 1'-0"

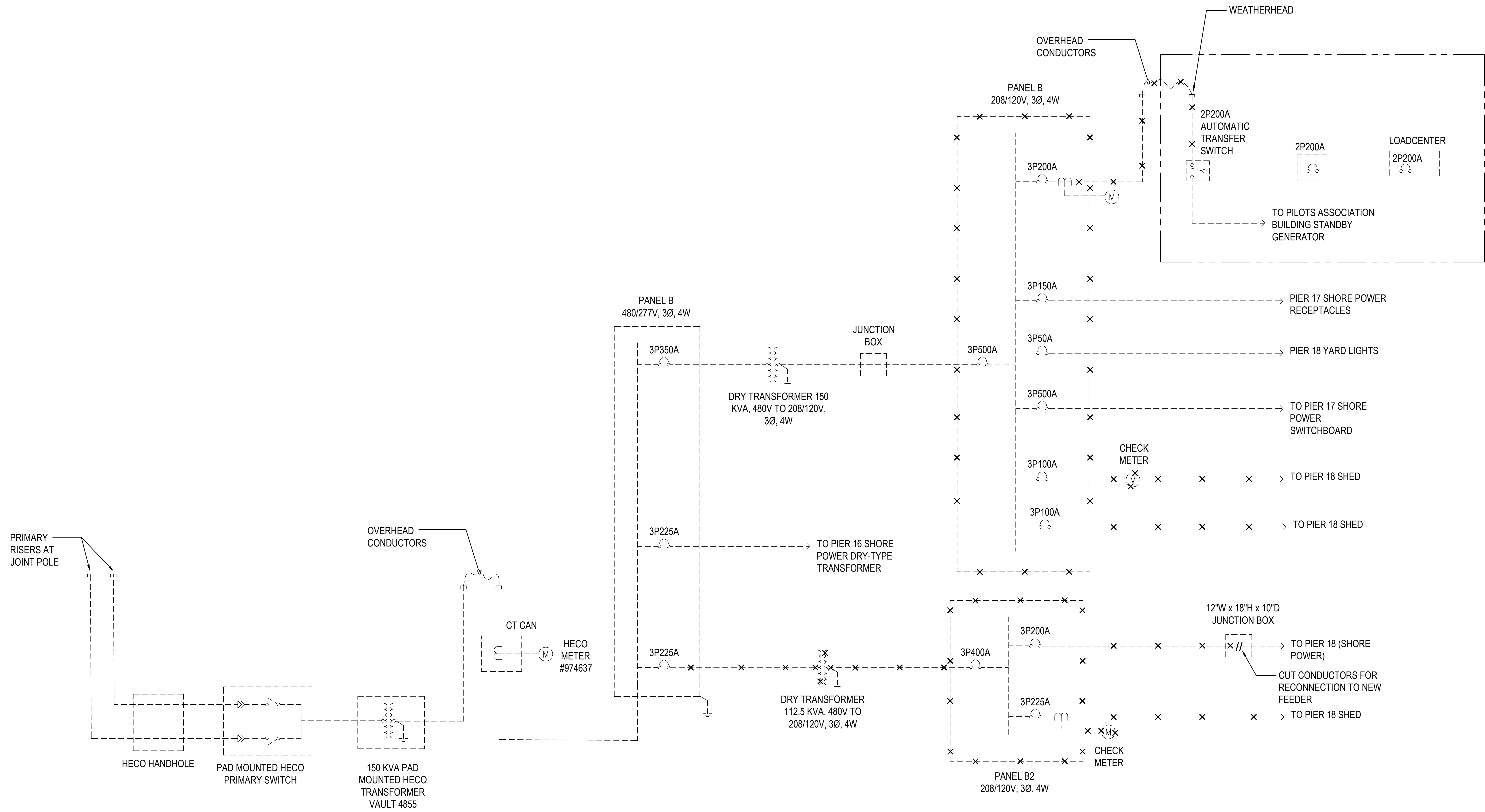


2
E-6 TRENCH DETAIL
 NOT TO SCALE



| | | | | | |
|-----------------|--|------|-------------|----|--|
| | REVISION | DATE | DESCRIPTION | BY | APPROVED |
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| | JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| | SHEET TITLE PIER 18 EQUIPMENT ELEVATION - NEW WORK | | | | |
| DESIGNED BY: MA | JOB NUMBER S10924 | | | | SHEET E-6 19 of 21 SHEETS |
| DRAWN BY: OL | | | | | |
| CHECKED BY: MA | | | | | |
| DATE: 04/2026 | SCALE: AS SHOWN | | | | |

Printed: Apr 27, 2026, 12:11pm



1 PIER 18 SHED ONE-LINE DIAGRAM - DEMOLITION WORK
E-7 NO SCALE

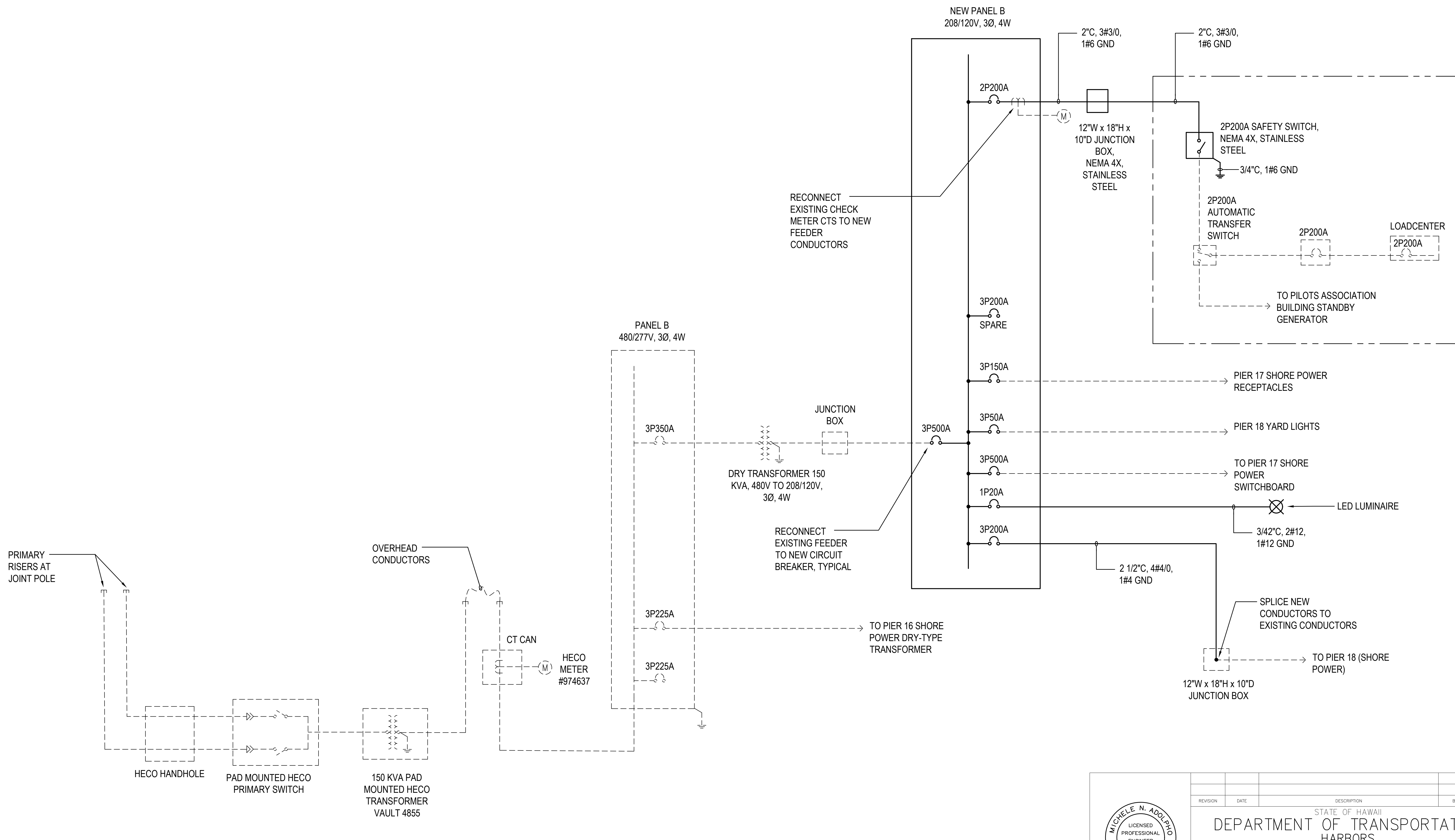
NOTES:
 DASHED LINES DENOTE EXISTING. SOLID LINES DENOTE NEW WORK.

MICHELE N. ADDIPIO
 LICENSED PROFESSIONAL ENGINEER
 No. 10017-E
 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 EXP. 4-30-28

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| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
| JOB TITLE HONOLULU HARBOR, PIERS 18 AND 19, DEMOLITION OF PIER 18 SHED AND SHERIFF'S BUILDING, OAHU, HAWAII | | | | |
| SHEET TITLE PIER 18 SHED ONE LINE DIAGRAM - DEMOLITION WORK | | | | |
| DESIGNED BY: MA | JOB NUMBER | | SHEET | |
| DRAWN BY: OL | S10924 | | E-7 | |
| CHECKED BY: MA | | | | |
| DATE: 04/2026 | SCALE: AS SHOWN | | | |
| | | | | 20 of 21 SHEETS |



1 PIER 18 ONE-LINE DIAGRAM - NEW WORK
E-8 NO SCALE

NOTE:
 DASHED LINES DENOTE EXISTING. SOLID LINES DENOTE NEW WORK.

MICHELE N. ADDIPO
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| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS | | | | |
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| SHEET TITLE PIER 18 ONE LINE DIAGRAM - NEW WORK | | | | |
| DESIGNED BY: MA | JOB NUMBER | | SHEET | |
| DRAWN BY: OL | S10924 | | E-8 | |
| CHECKED BY: MA | | | | |
| DATE: 04/2026 | SCALE: AS SHOWN | | | |
| 21 of 21 SHEETS | | | | |

2024, Apr 27, 2026, 12:11pm