

LEGEND

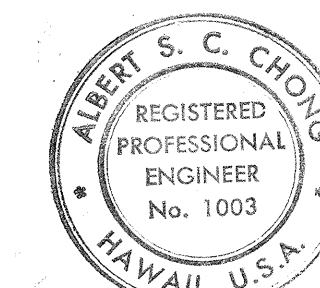
- ## NOTES

- | | | |
|---------------|-------------------------|------------|
| ORIGINAL PLAN | SURVEY PLOTTED BY _____ | DATE _____ |
| NOTE BOOK | DRAWN BY _____ | " _____ |
| | TRACED BY _____ | " _____ |
| | DESIGNED BY _____ | " _____ |
| | QUANTITIES BY _____ | " _____ |
| No. _____ | CHECKED BY _____ | " _____ |

K-E CRYSTALEND
TRACING PAPER

C.O. ADD. 419

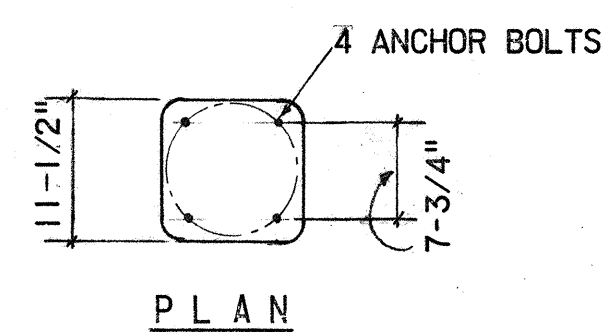
DATE	REVISION
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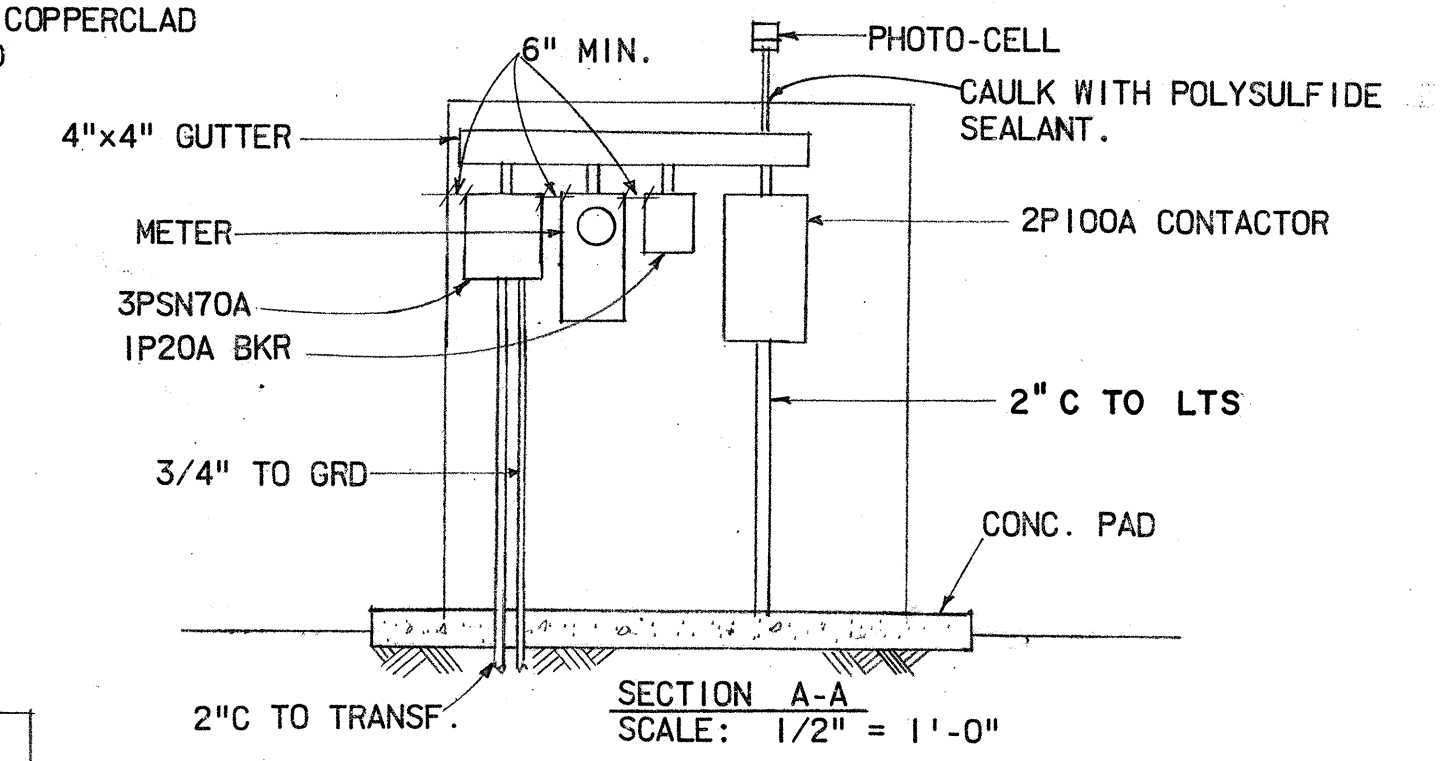
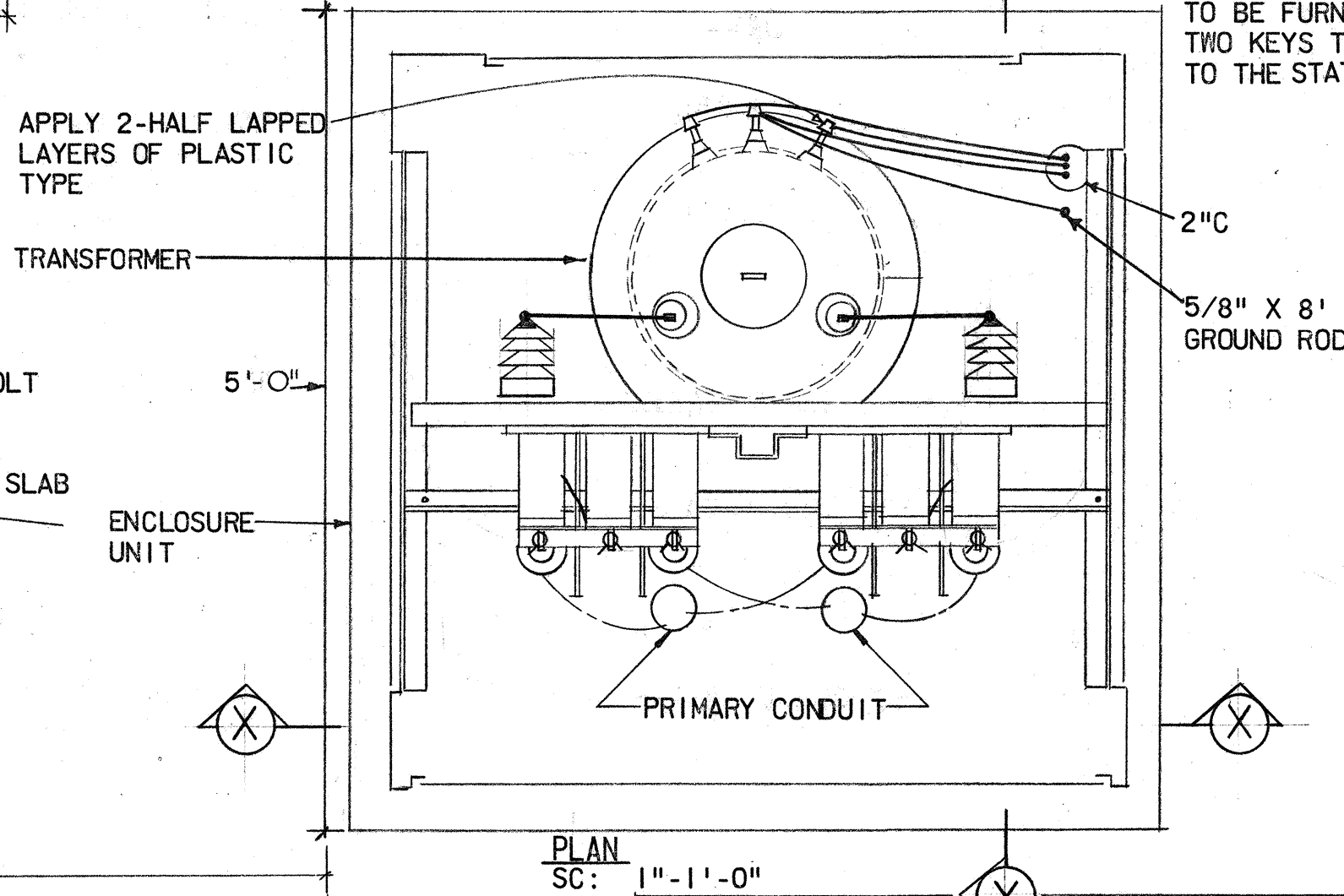
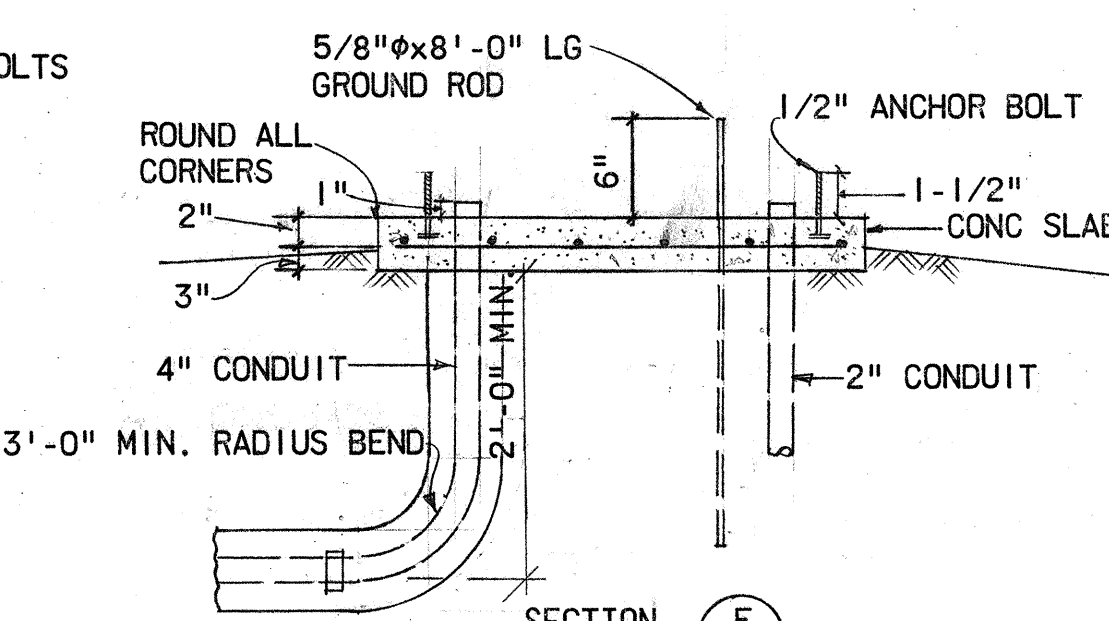
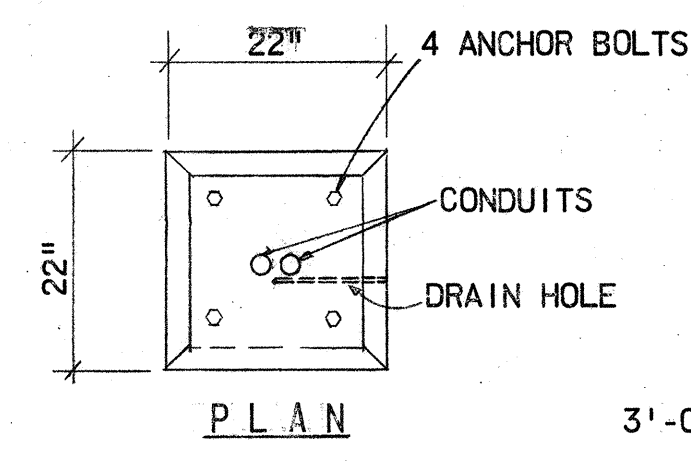
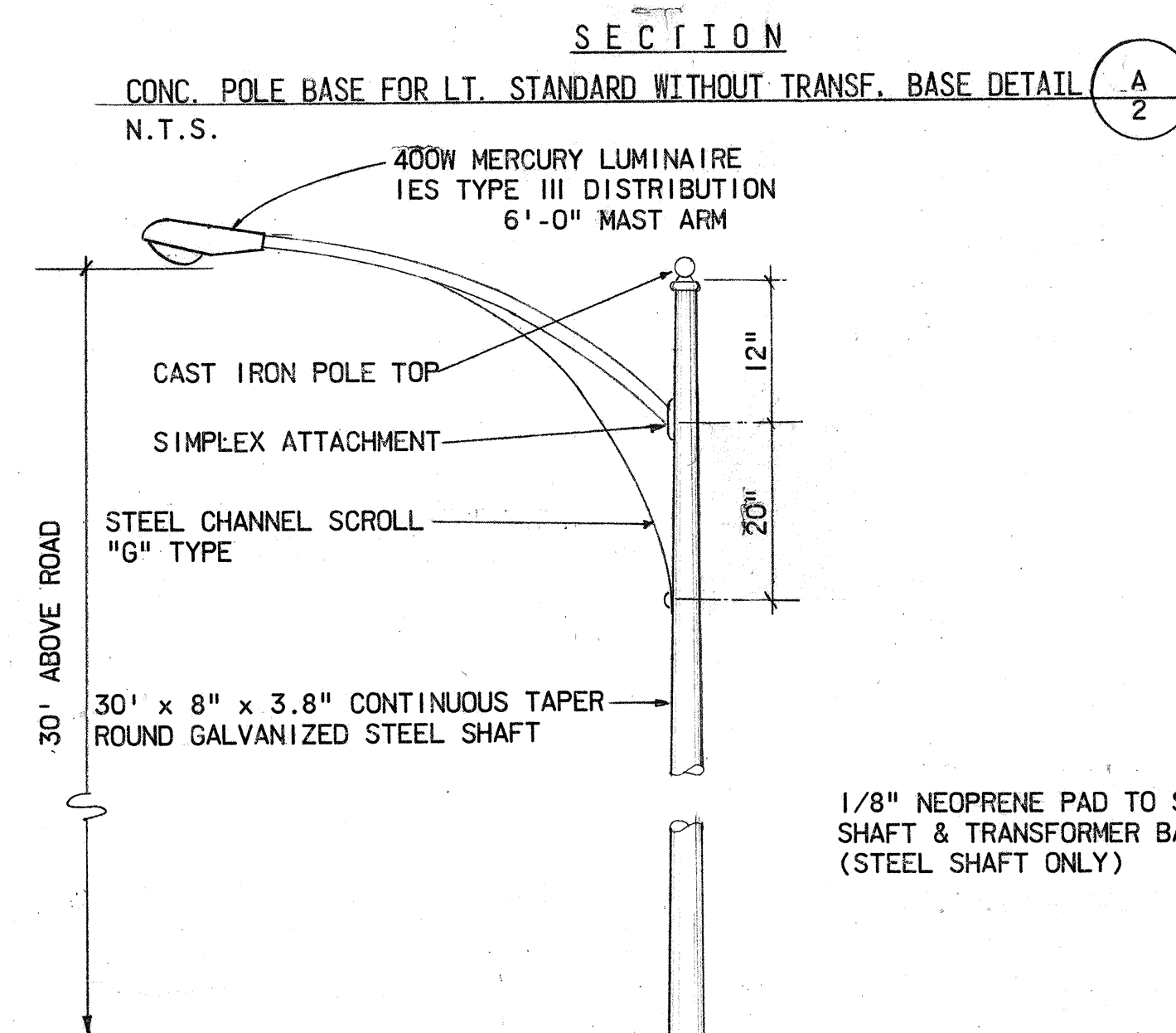
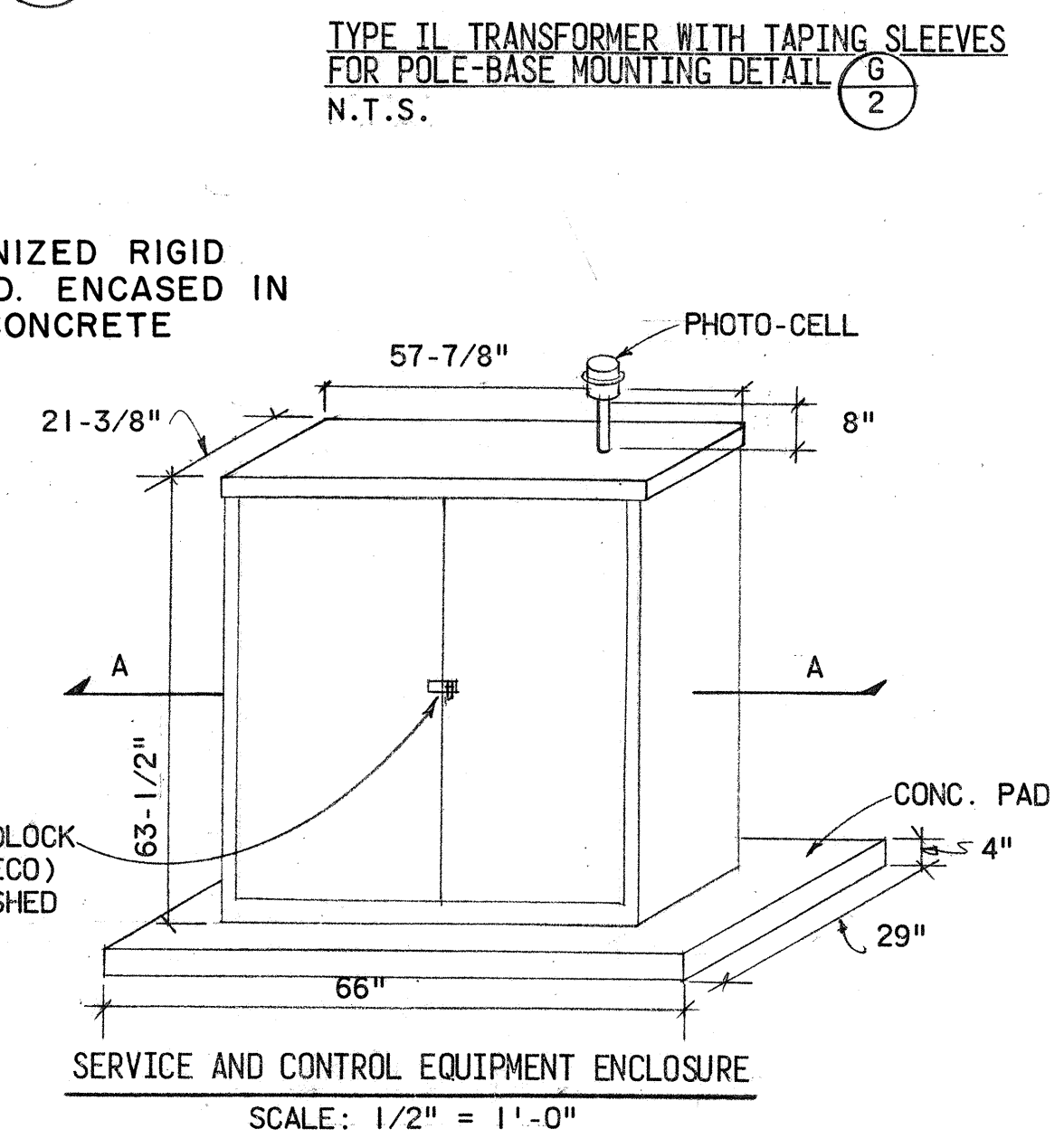
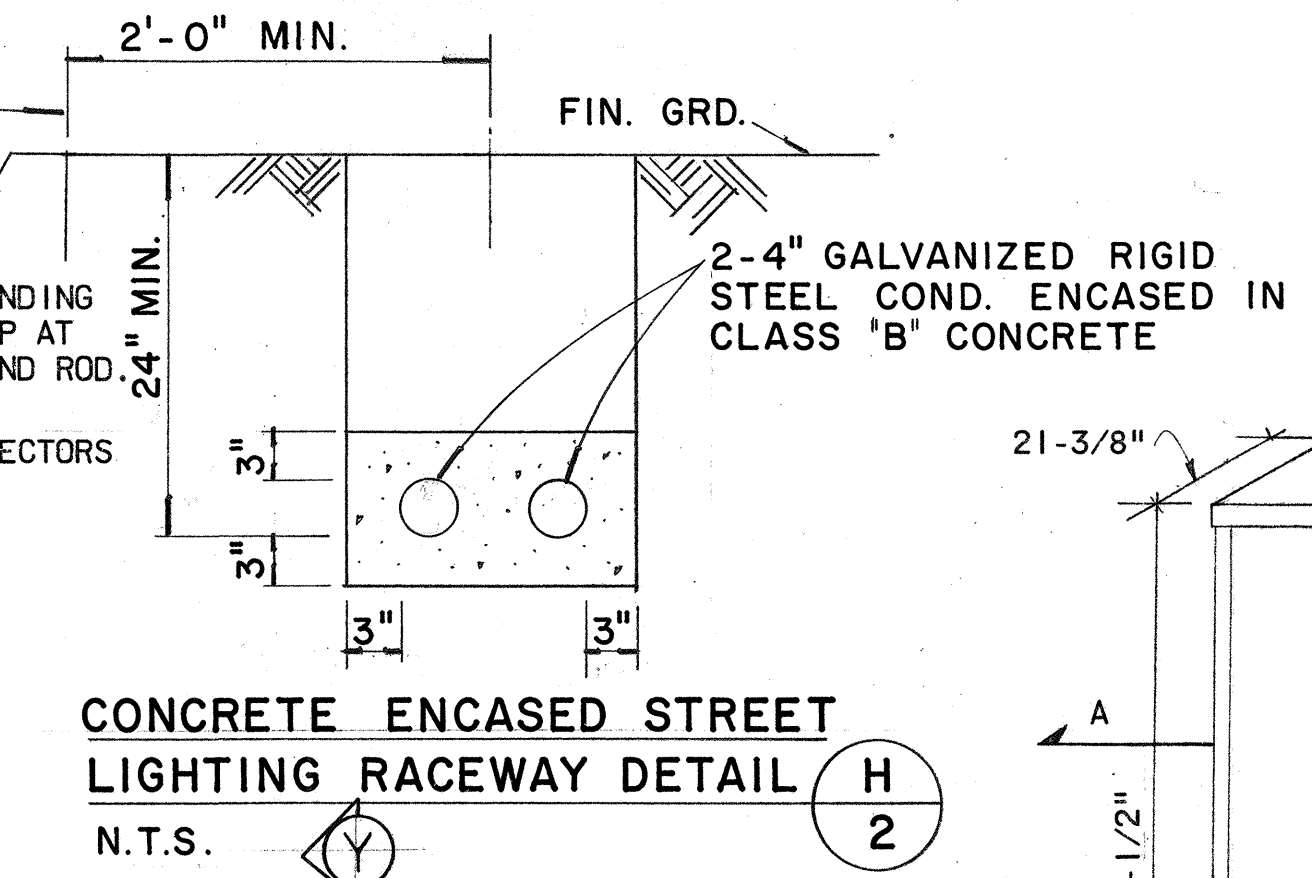
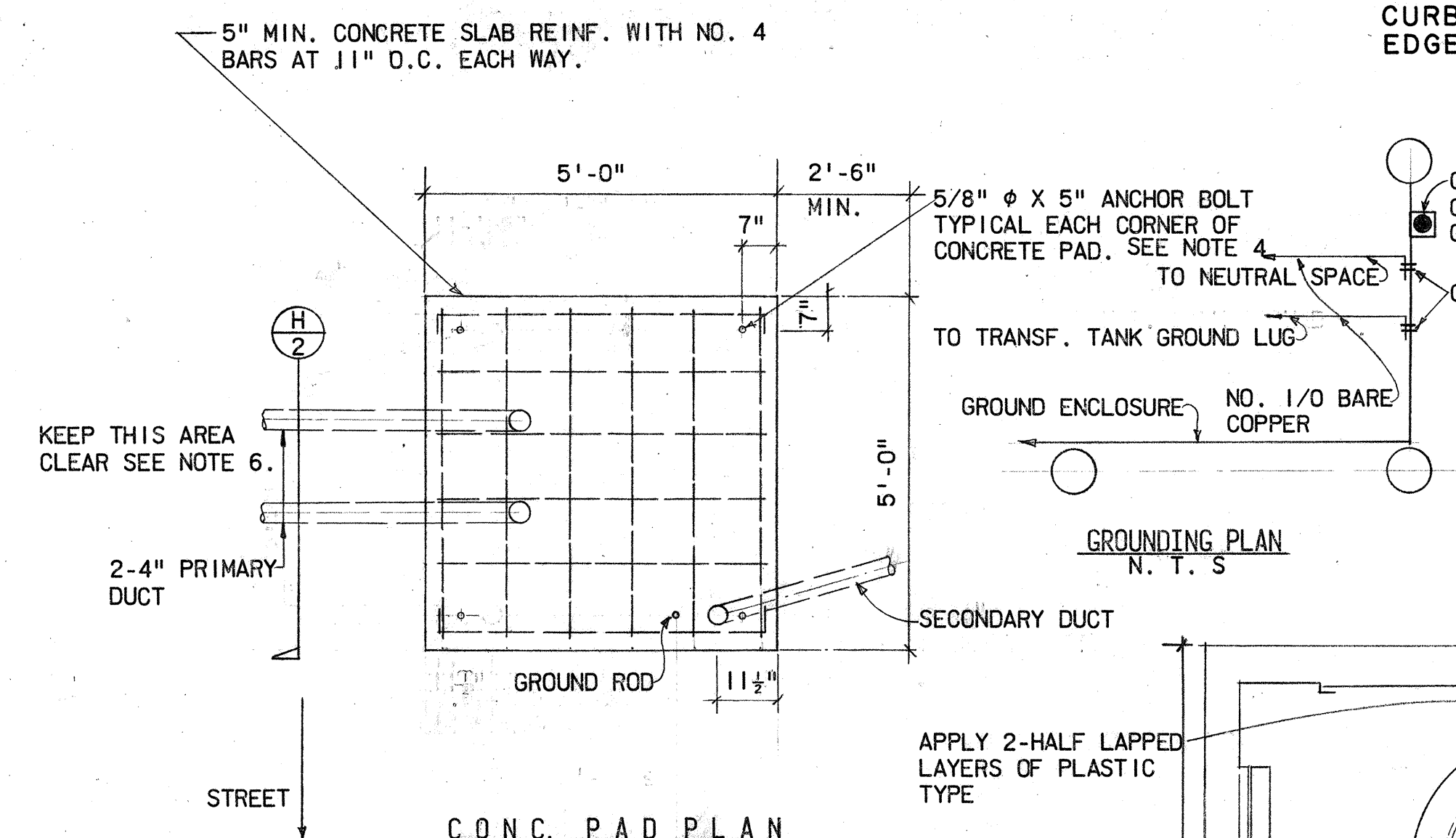
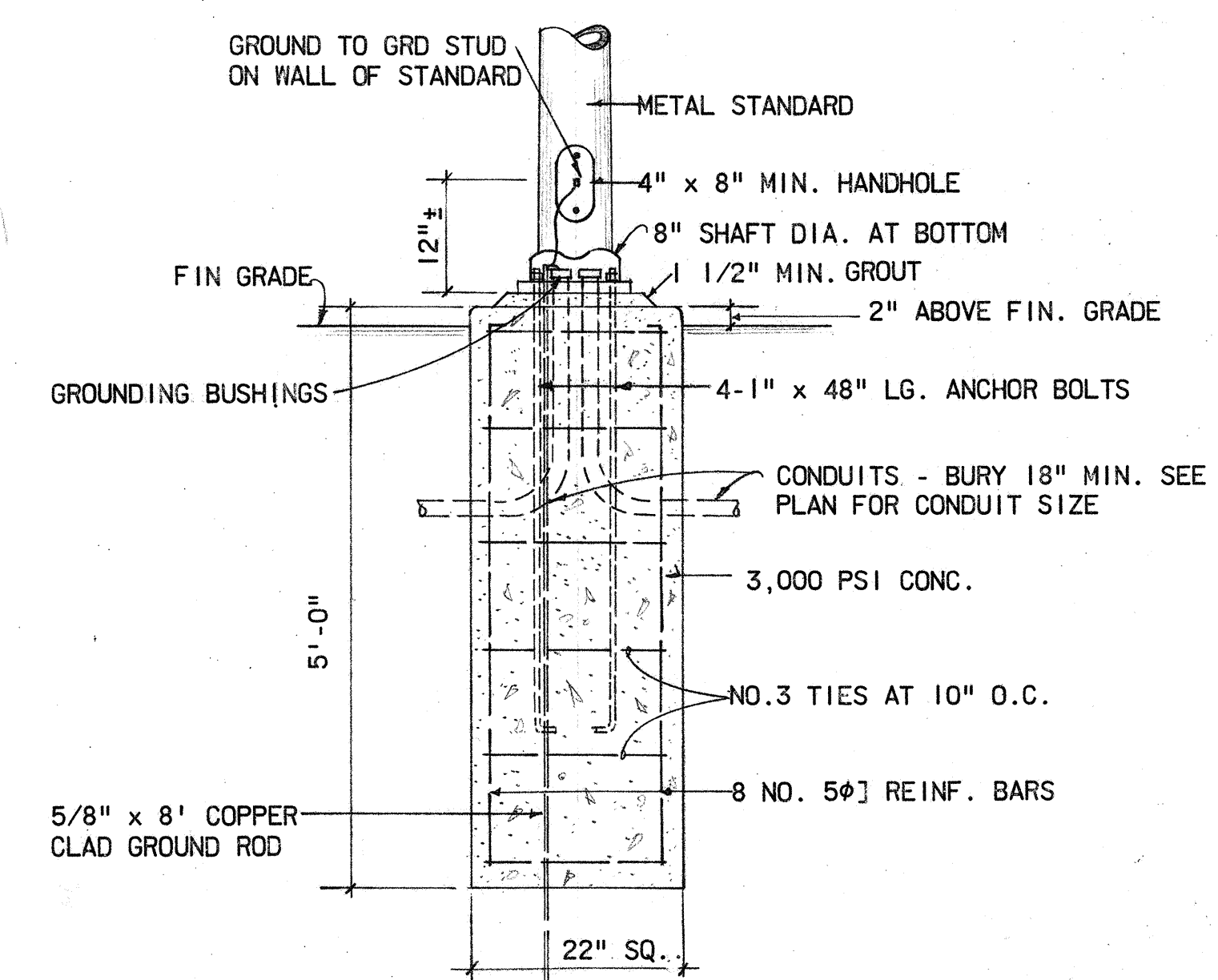
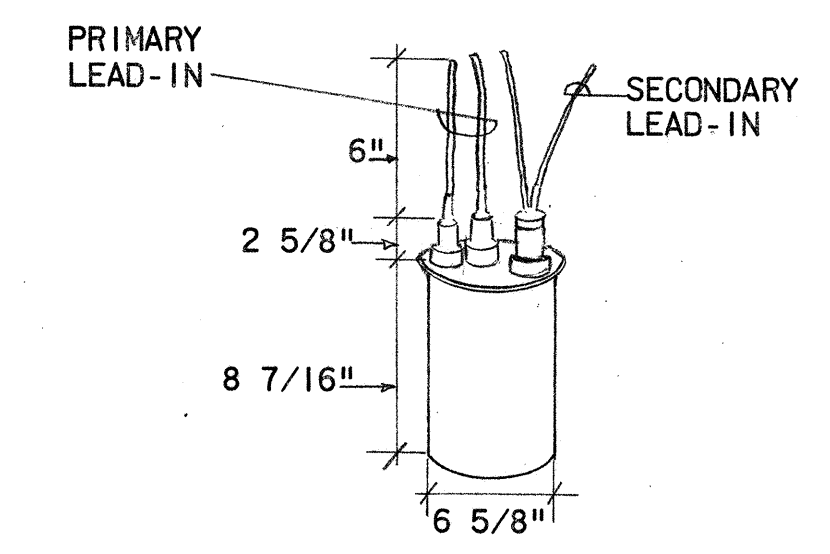
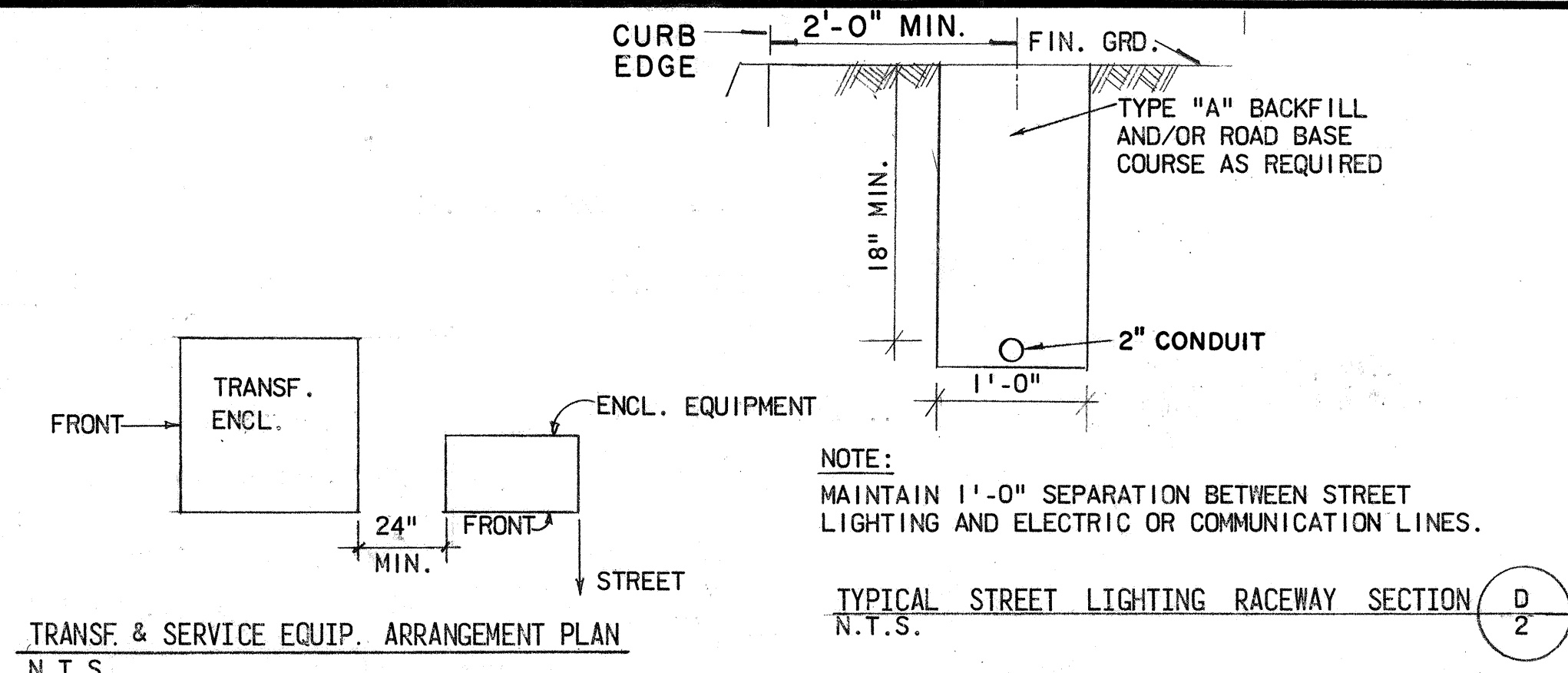
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

Albert S. C. Chong
Albert S. C. Chong, PE

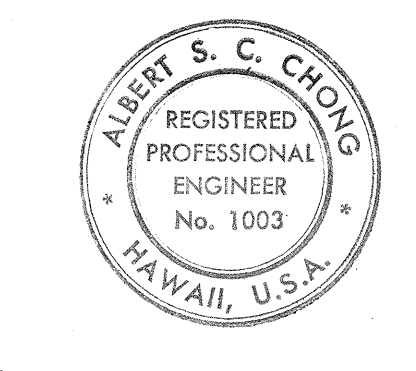
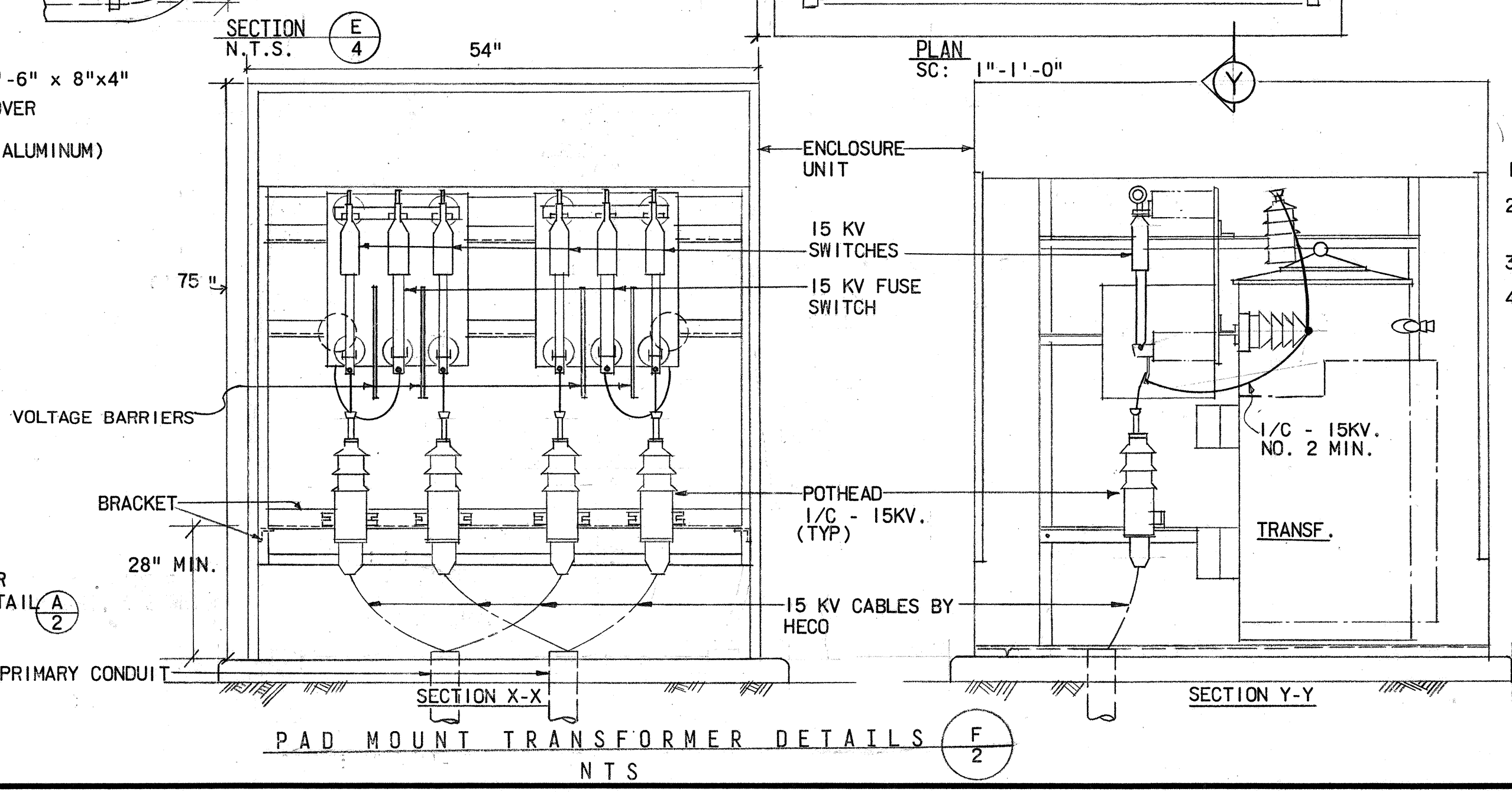
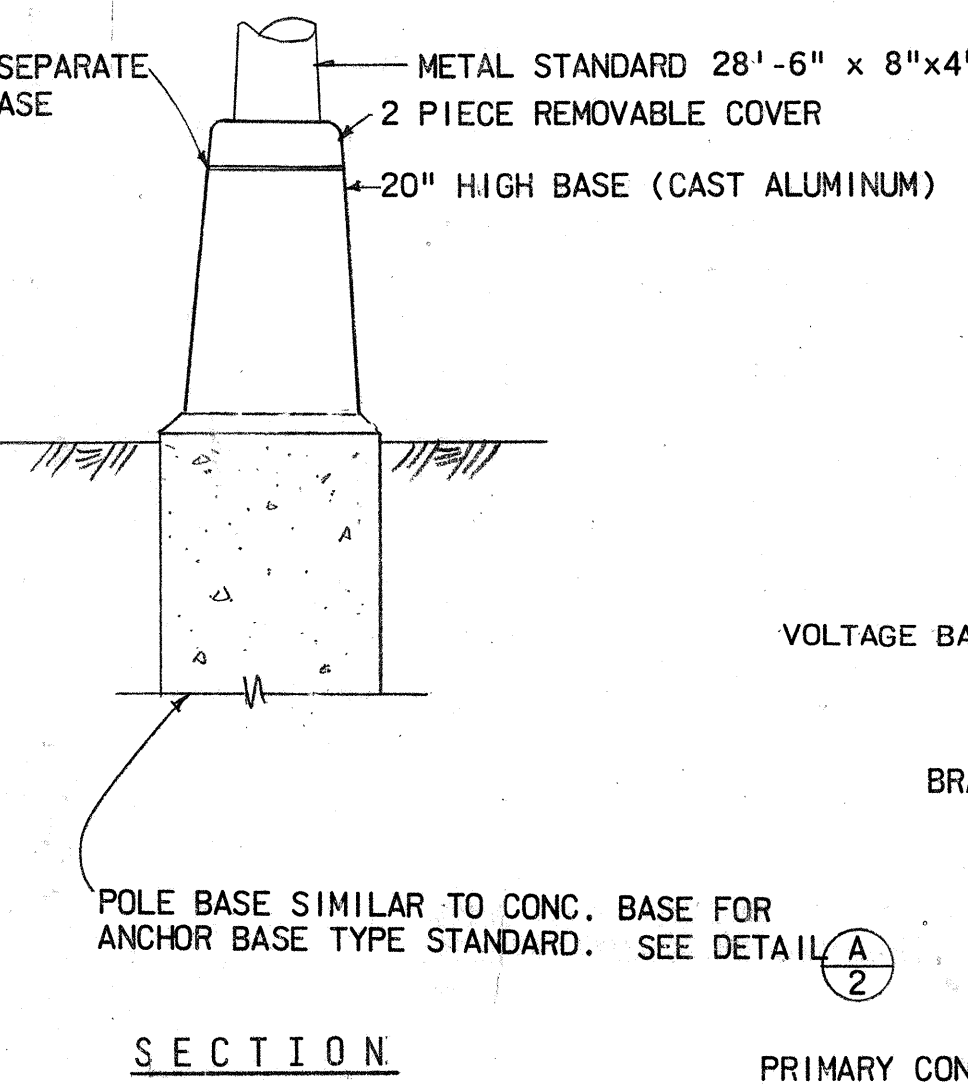
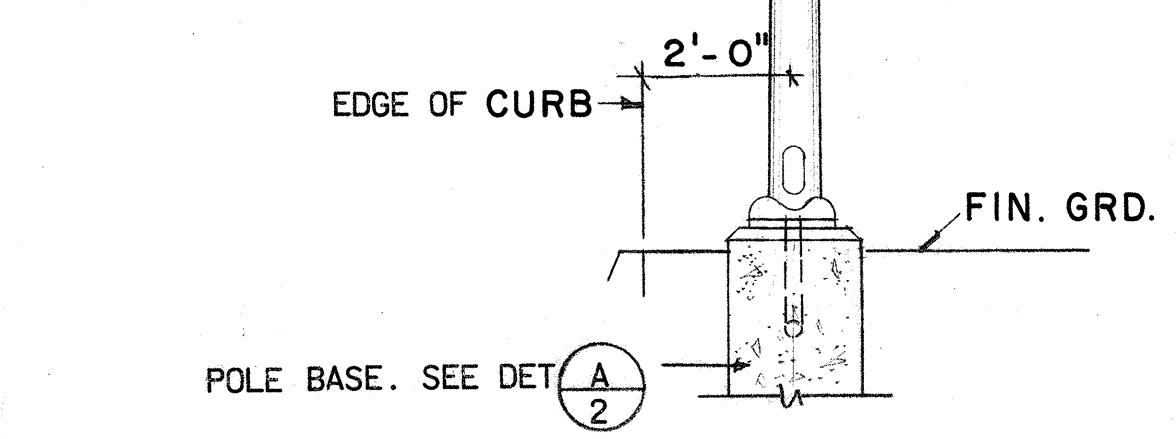
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	50	141



- TRANSFORMER PAD NOTES**
1. CONC. PAD SIZE TO BE ADJUSTED TO SUIT TRANSFORMER FURNISHED.
 2. CONC. PAD TO BE POURED ON FIRM UNDISTURBED SOIL.
 3. TOP OF CONC. PAD TO BE SMOOTH, TRUE AND LEVEL, OTHER EXPOSED SURFACES TO BE SMOOTH AND FREE FROM DEFECTS.
 4. LOCATE CONDUIT STUB-UPS AND ANCHOR BOLTS TO SUIT EQUIPMENT FURNISHED.
 5. GROUND BUS TO BE NO. 1/0 B.C. EQUIPMENT, AND CONDUIT AND LIGHTNING ARRESTORS GRD WIRE TO BE NO. 2 B.C.
 6. THE HECO SHALL HAVE 24 HR. ACCESS TO THE PAD INSTALLATION WITHOUT GOING THROUGH LOCKED AREAS. THE HECO SHALL HAVE A MINIMUM 10 FEET WIDE VEHICULAR ACCESS TO THE PAD INSTALLATION.



- GENERAL NOTES FOR TRANSFORMER ENCLOSURE**
1. THE ENCLOSURE SHALL ACCOMMODATE A MAXIMUM SIZE OF 1-1/2" ϕ 50KVA TRANSFORMER.
 2. THE POLYETHYLENE COVERED WIRE IS TO BE CONSIDERED AS HAVING NO INSULATING VALUE.
 3. STENCIL THE CIRCUIT AND PHASE DESIGNATIONS AT THE POTHEADS.
 4. THE FUSE AND SWITCH BLADES ARE TO BE REMOVED IF THE CIRCUITS ARE TO BE LEFT OPEN.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

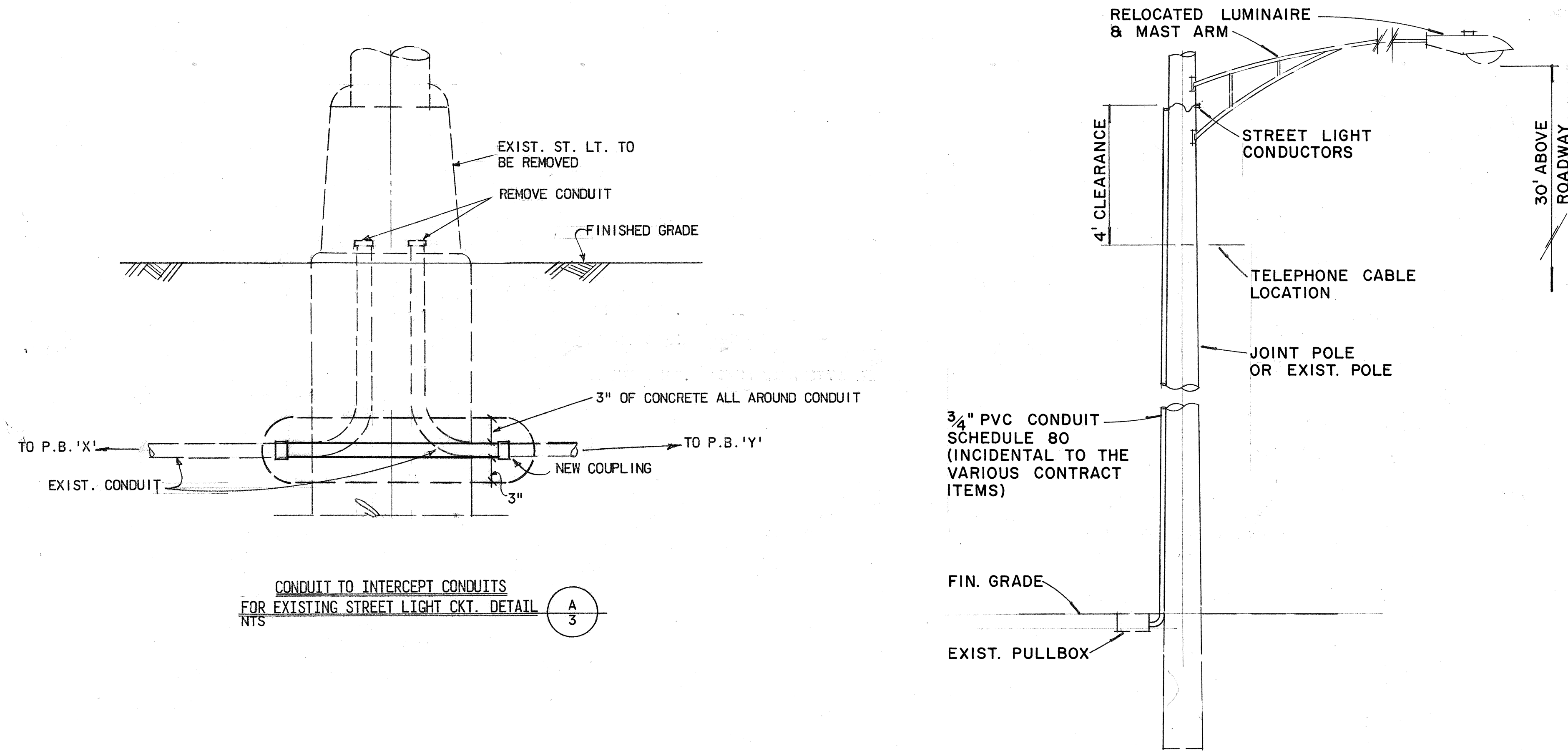
NIMITZ HIGHWAY
BETWEEN BISHOP STREET AND
PUNCHBOWL STREET
PROJECT NO. EHS-U-092-1(11)

SHEET No. 2 OF 4 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

K&E CRYSTALIZED PAPER

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	51	141



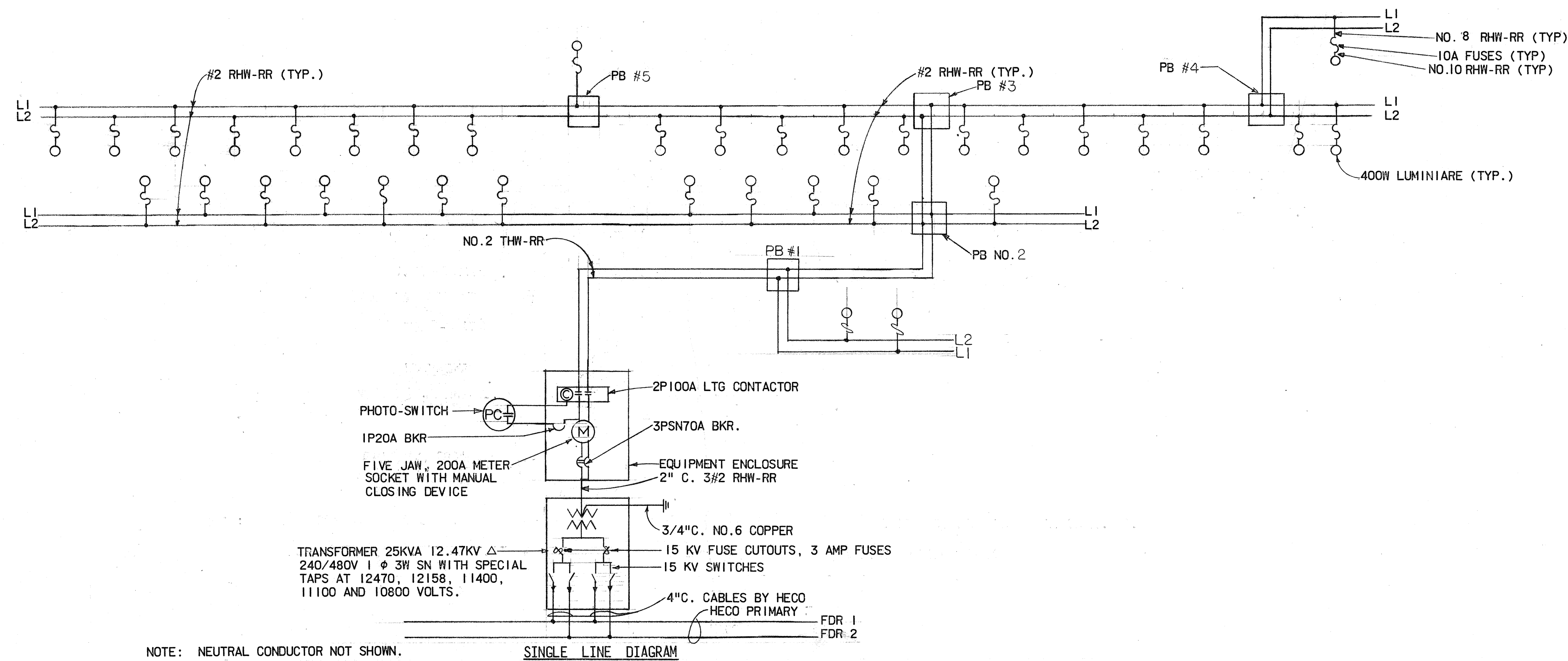
CONDUIT TO INTERCEPT CONDUITS
FOR EXISTING STREET LIGHT CKT. DETAIL
NTS

A
3

RELOCATED STREET LIGHT ON JOINT POLE

DETAIL
NTS

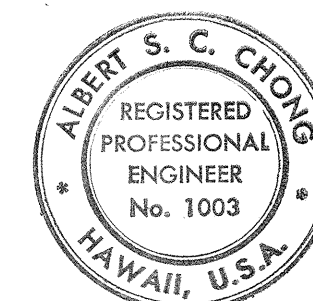
B
3



NOTE: NEUTRAL CONDUCTOR NOT SHOWN.

SINGLE LINE DIAGRAM

FDR 1
FDR 2



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Albert S. C. Chong
Albert S. C. Chong, PE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NIMITZ HIGHWAY
BETWEEN BISHOP STREET AND
PUNCHBOWL STREET
PROJECT NO. EHS-U-092-1(11)

SHEET No. 3 OF 4 SHEETS

51

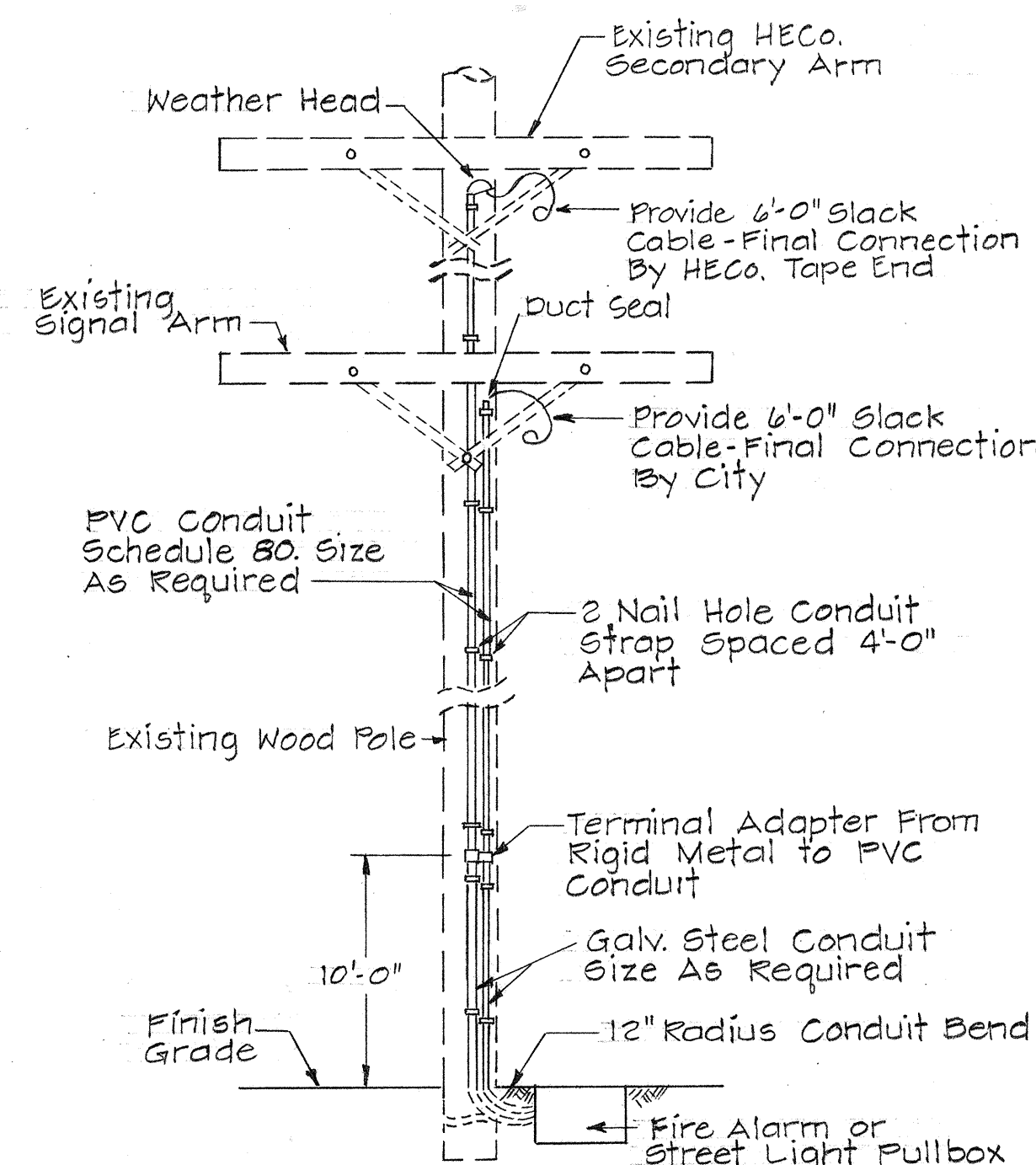
DESIGNED BY	DATE
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CHECKED BY	
NOTED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EH6-U-092-1(11)	1974	52	141

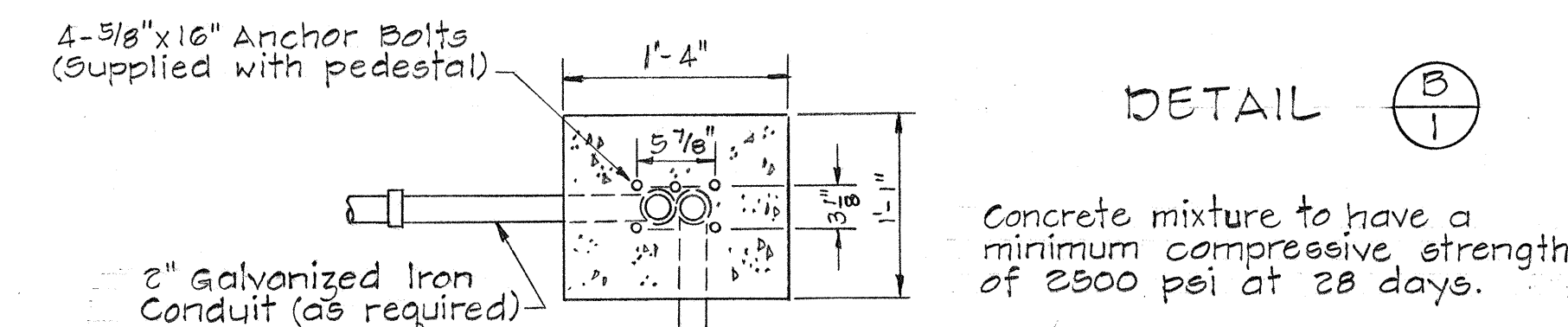
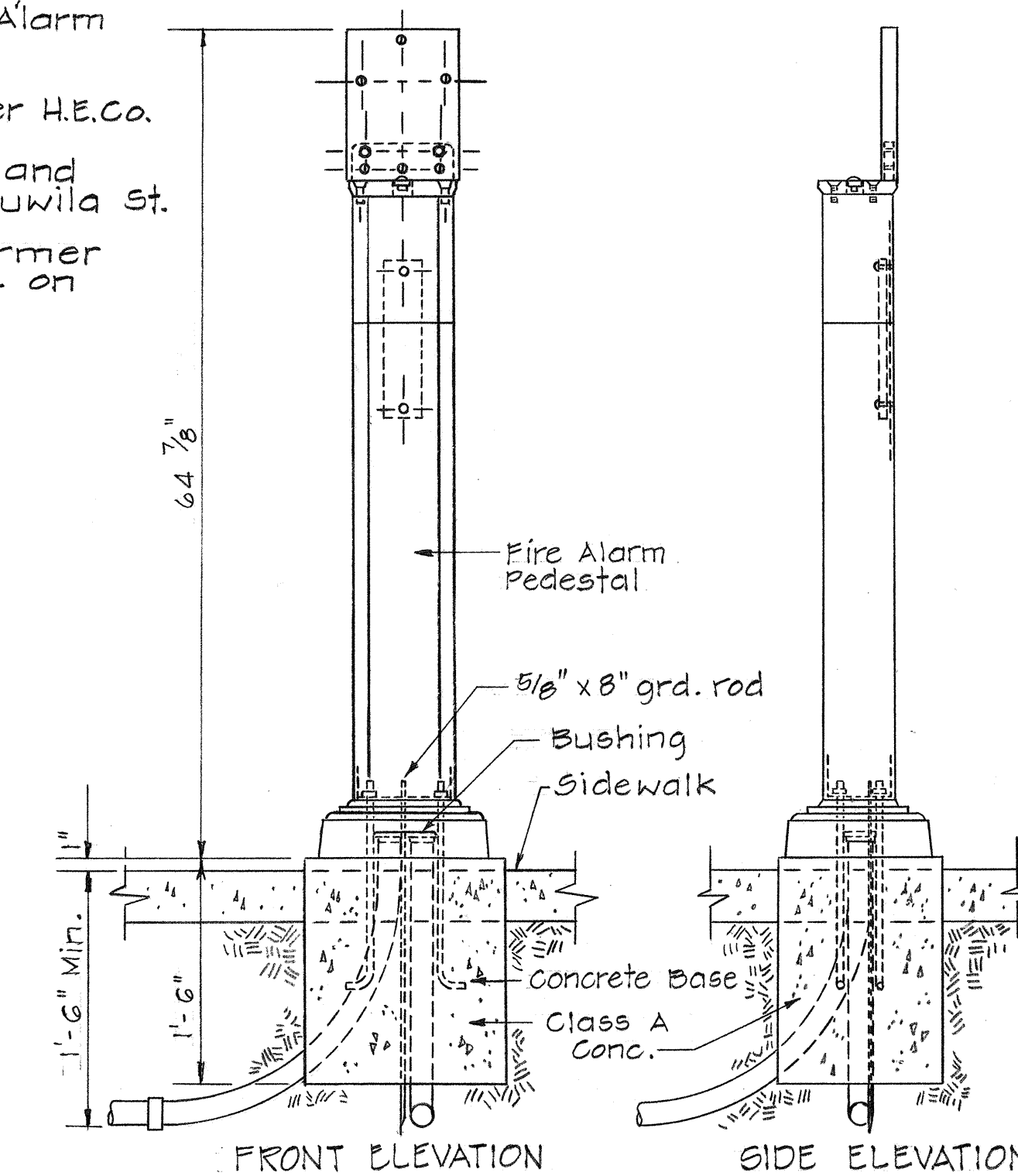
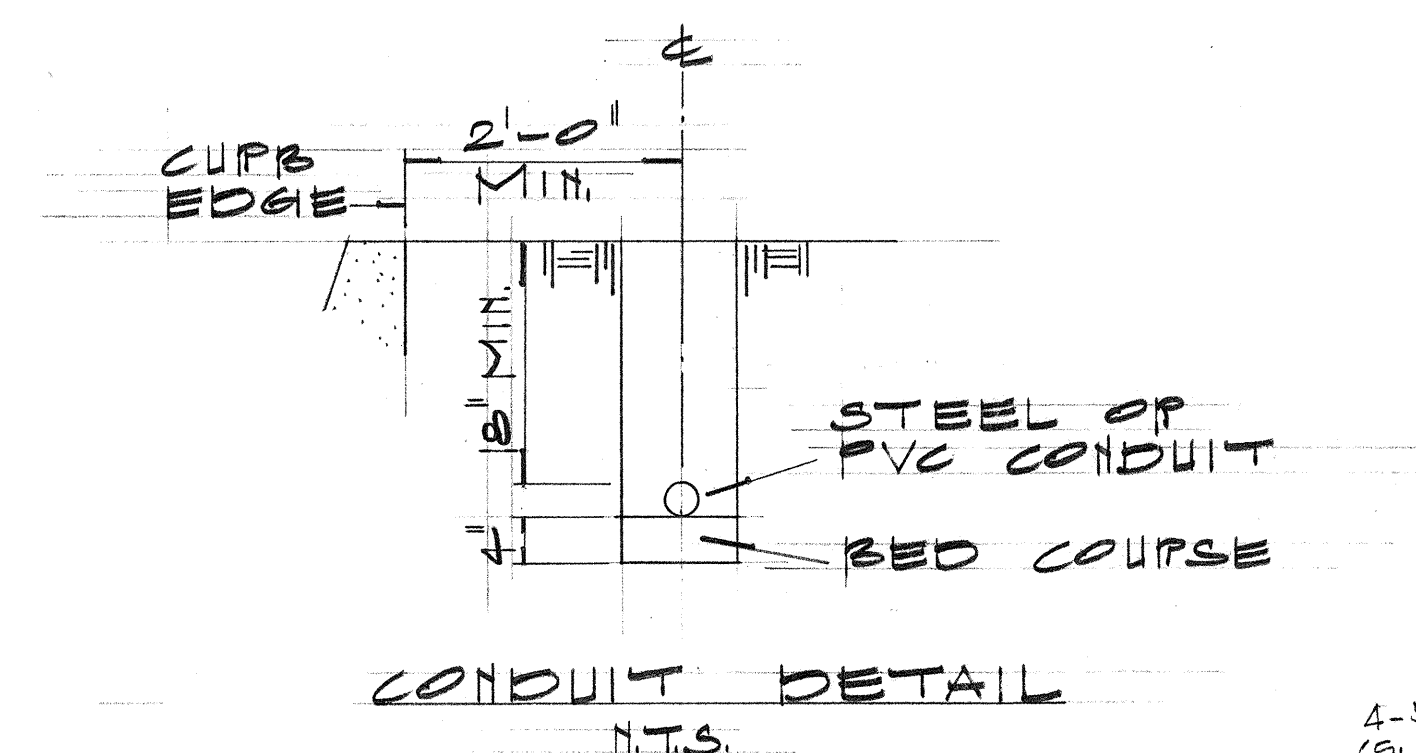
NOTES:

- The Fire Alarm System shall remain operative at all times.
- Contractor shall inform C & C Transportation Services at least five (5) working days prior to doing any work on existing C & C Street Light and Fire Alarm Systems. (Telephone 546-2805)
- P12 & P13 on Halekauwila St. to be removed per H.E.Co.
- Contractor shall remove overhead Street Light and Fire Alarm lines between P12 & P14 on Halekauwila St.
- Contractor shall relocate Street Light transformer and Fire Alarm terminal box from P12 to P14 on Halekauwila St.

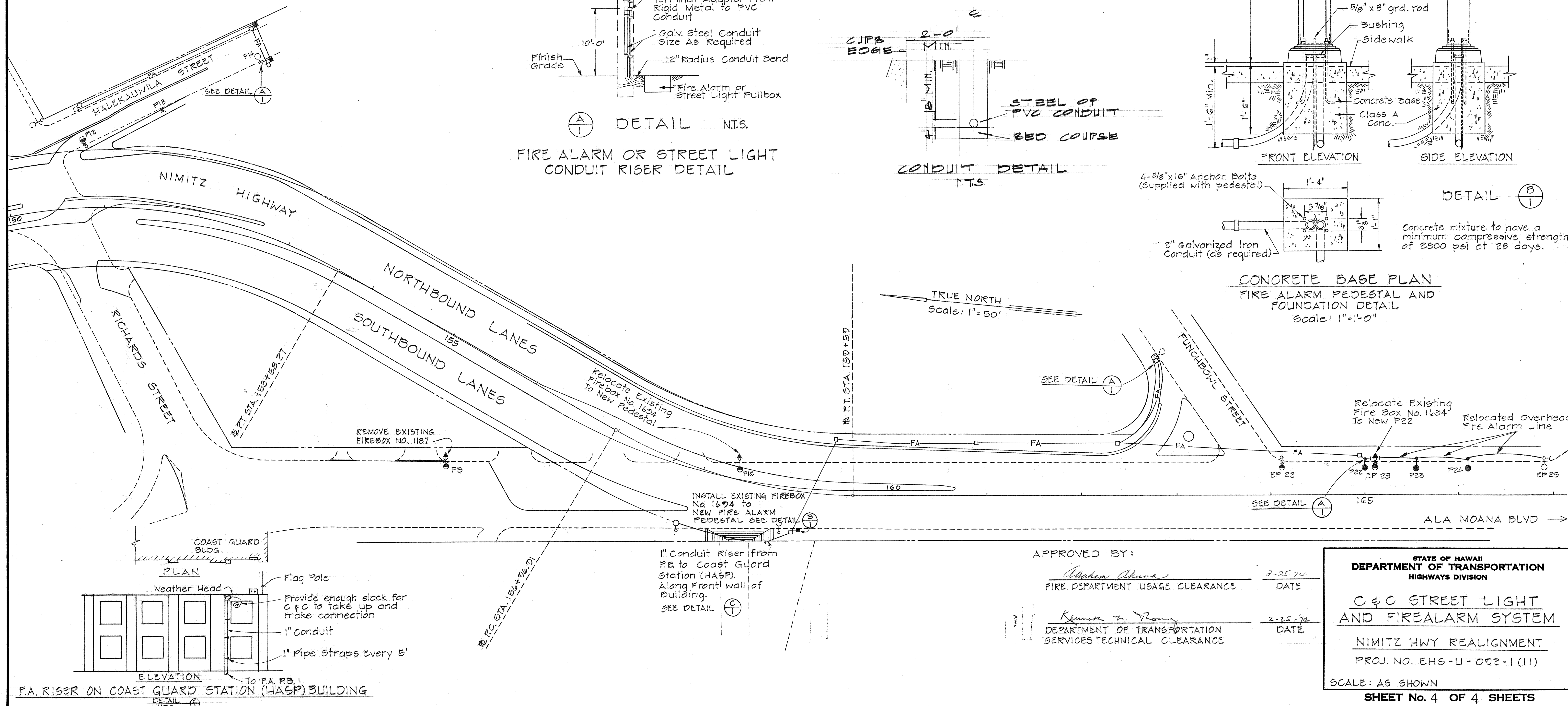
- Relocated Street Light on joint
- Existing Pole w/ street light to be removed
- Existing Pole w/ street light to remain
- New pole w/ street light
- ✕ Existing pole to be removed
- Existing pullbox
- New Type "B" Pullbox for C & C Fire Alarm System except letters in cast iron cover to be "C & C" Traffic Dept. instead of "State", and "Fire Alarm" instead of "Highways".
- New Type "B" Pullbox for C & C St. Lighting System except letters in cast iron cover to be "C & C" Traffic Dept. instead of "State", and "St. Light" instead of "Highways".
- New 1-2" Street Lighting Conduit with 2-1/2 7 kv Cable
- FA --- New 1-2" Fire Alarm conduit with 4C Cable
- Relocated Overhead Fire Alarm Line.
- △ Existing Firebox (C & C)



DETAIL A
FIRE ALARM OR STREET LIGHT
CONDUIT RISER DETAIL



CONCRETE BASE PLAN
FIRE ALARM PEDESTAL AND
FOUNDATION DETAIL
Scale: 1"=1'-0"



APPROVED BY:

Abraham Akana 2-25-74
FIRE DEPARTMENT USAGE CLEARANCE DATE
Kenneth A. Young 2-25-74
DEPARTMENT OF TRANSPORTATION SERVICES TECHNICAL CLEARANCE DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

C & C STREET LIGHT
AND FIREALARM SYSTEM

NIMITZ HWY REALIGNMENT
PROJ. NO. EH6-U-092-1(11)

SCALE: AS SHOWN

SHEET No. 4 OF 4 SHEETS