

SM NO. 2

- NEW FIRE HYDRANT VALVE
- REMOVE EXISTING HYDRANT,
CONNECT NEW WATER LINE TO EXISTING
VALVE, PROVIDE REQUIRED REDUCER,
AND VALVE BOX

Bid Package No. 3

UTILITIES

WesternWayne Correctional Facility

DEPARTMENT OF CORRECTIONS

STATE OF MICHIGAN

NORTH

Boxwell and Rexford Inc.
Landscape Architects
and Planners
135 West Main Street #2
Ann Arbor, Michigan 48106-3607

STATE OF MICHIGAN

Office of Facilities

L. BENNETT - Acting Director

DESIGNED BY: *Boxwell and Rexford Inc.*

DRAWN BY: *Boxwell and Rexford Inc.*

CHECKED BY: *Boxwell and Rexford Inc.*

APPROVED BY: *Boxwell and Rexford Inc.*

DATE: *3/24/99*

IDENTIFICATION NO.

PROJECT: *STATE ACCOUNT*

NO.: *110 - 47-8599-002*

ISSUED FOR:

PRELIMINARY: ☒

CONSTRUCTION: ☐

FINAL RECORD: ☐

See Sheet 11 For Storm Structure Schedule

MATCH LINE SEE SHEET U1

SWAN & ASSOCIATES, P.C.
consulting engineers
535 West William Street
Suite 101
Ann Arbor, Michigan 48103-6843

APPENDIX No. 2 - 25 November 1988

ISSUED FOR	DATE	ISSUED FOR	DATE
PRELIMINARY	27 Jan 89	CONSTRUCTION	5 Mar 89
FINAL RECORD		FINAL RECORD	
IDENTIFICATION NO.	PROJECT	STATE ACCOUNT	110-47-5599-002
STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities L. BENNETT - Acting Director			
BID Package No. 3 UTILITIES Western Wayne Correctional Facility STATE OF MICHIGAN			
SHEET U2			

LEGEND

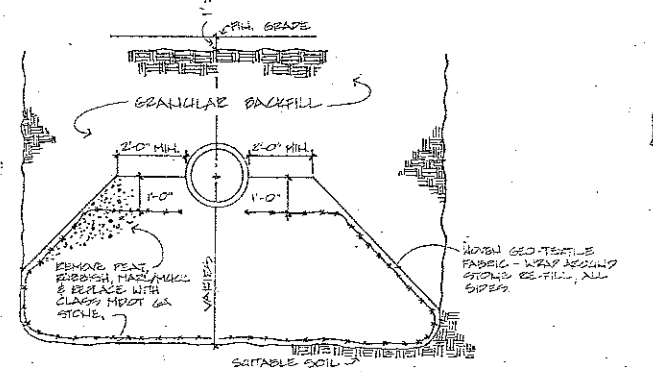
EXISTING	PROPOSED	
SN	SN	SANITARY LINE
ST	ST	STORM LINE
W	W	WATER LINE
G	G	GAS LINE
OH	OH	OVERHEAD POWER LINE
PC	PC	POWER/COMMUNICATIONS
U	U	UTILITY STRUCTURE
X	X	UTILITY STRUCTURE TO BE REMOVED
Y	Y	FIRE HYDRANT
•	•	VALVE
•	•	SANITARY STRUCTURE
•	•	STORM STRUCTURE
---	---	UTILITY TUNNEL
---	---	UTILITY BULKHEAD
---	---	HIGH MAST LIGHT
---	---	PROPOSED UTILITY BY OTHERS

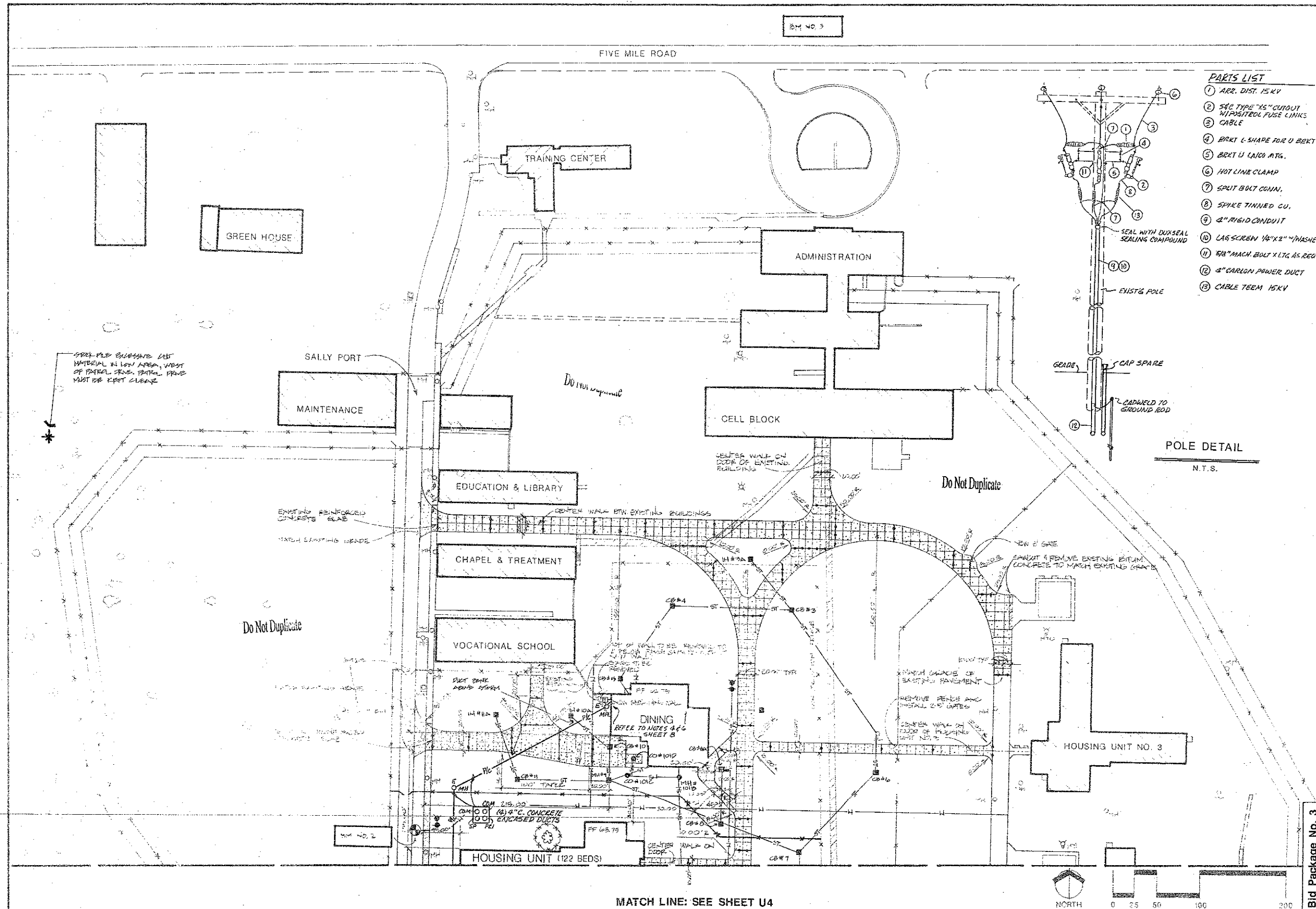
NOTES

- Provide gas service to both housing units and the dining building from gas main at east end of power house. Gas main shall meet all local and state codes. Pipe shall be approved plastic.
- Existing gas service to dining hall, kitchen and commissary must remain in service until new dining building is complete and in service.
- At each storm or sanitary structure showing a broken line to be installed on overhead. Sanitary gas pull length of pipe with the bowl end away from structure. Plug bowl end.
- Provide a capped water valve on each water building. Leaking valve to be located next to the main. Extend to ground and mark the valve box. Valves shall be built on lead line size.

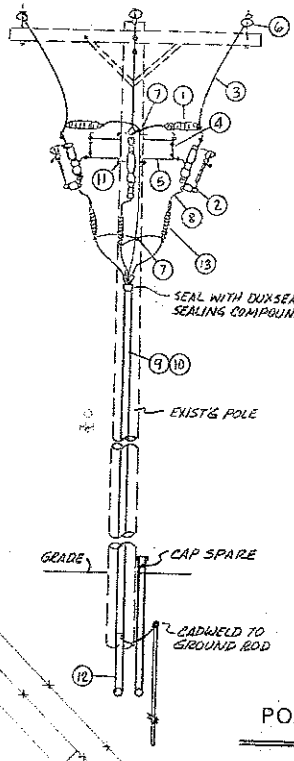
1 Stone Refill - Ground Buried Pipes

Not To Scale



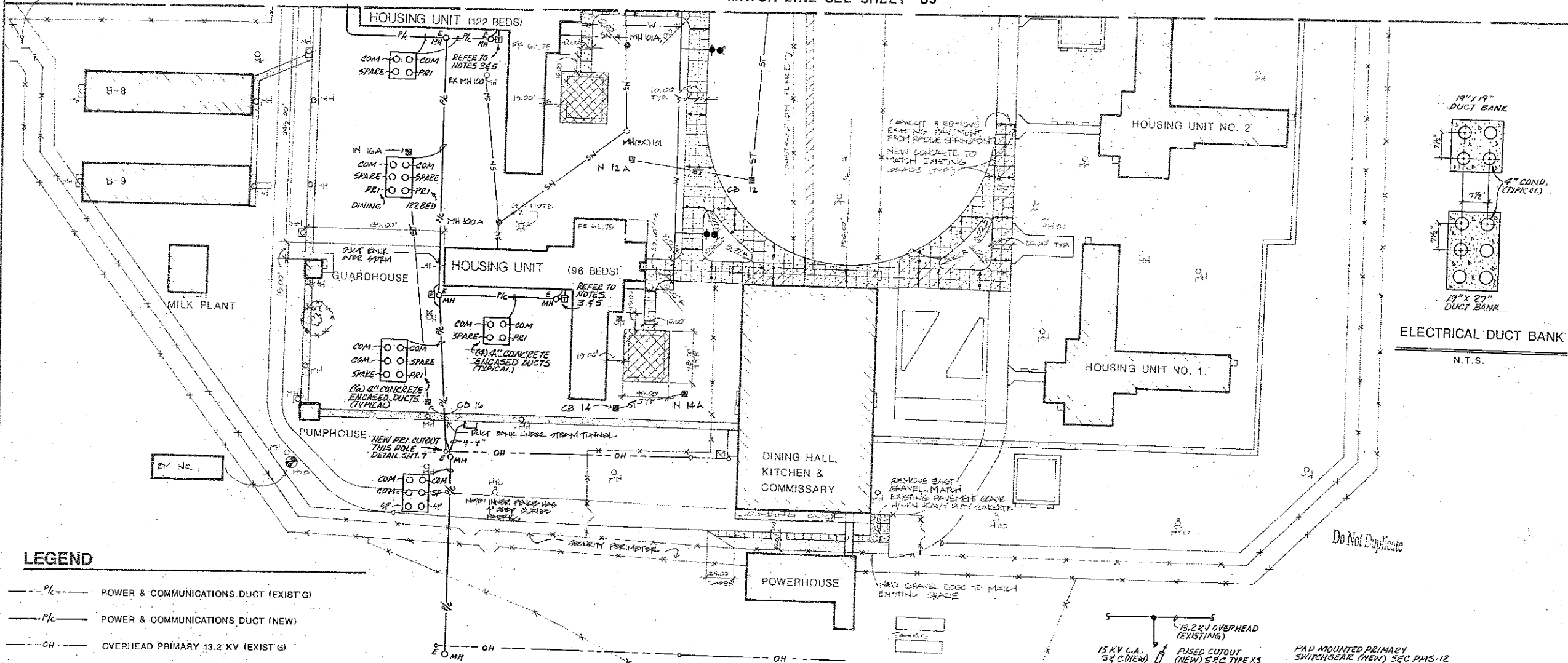


- PARTS LIST**
- 1 ARR. DIST. 15KV
 - 2 SEC. TYPE "KS" CUTOUT
 - 3 WIPROTEC FUSE LINKS
 - 4 CABLE
 - 5 BRKT L-SHAPE FOR U BRKT
 - 6 BRKT U LARG. ATG.
 - 7 HOT LINE CLAMP
 - 8 SPLIT BOLT CONN.
 - 9 SPIKE TINNED CU.
 - 10 2" RIGID CONDUIT
 - 11 LAG SCREEN 1/4"x2" W/ WASHER
 - 12 5/8" MACH. BOLT X LG. AS REQ'D
 - 13 2" CARLON POWER DUCT
 - 14 CABLE TIE 15KV



DESIGNED BY LTM	DATE 27 July 88	DRAWN BY LTM	CHECKED BY LTM	APPROVED BY LTM
ISSUED FOR PRELIMINARY	QUANTIFICATION NO. 9172-AC-000	PROJECT 110-47-8599-002	STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities L. BENNETT - Acting Director	
BID PACKAGE NO. 3 ELECTRICAL PLAN Western Wayne Correctional Facility STATE OF MICHIGAN DEPARTMENT OF CORRECTIONS				
U3				

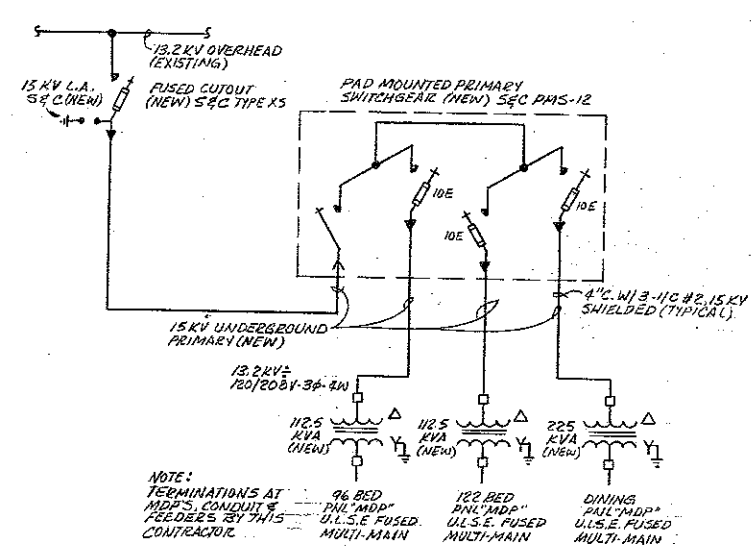
MATCH LINE SEE SHEET U3



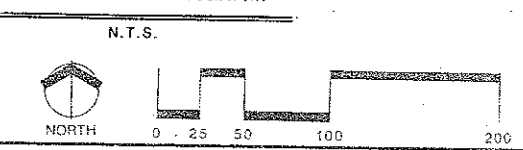
LEGEND

- P/C — POWER & COMMUNICATIONS DUCT (EXIST'G)
- P/C — POWER & COMMUNICATIONS DUCT (NEW)
- OH — OVERHEAD PRIMARY 13.2 KV (EXIST'G)
- [P] PRIMARY SWITCH-PAD MOUNT (NEW)
- [T] TRANSFORMER-PAD MOUNT (NEW)
- [E] ELECTRICAL MANHOLE (NEW)

- GENERAL NOTES:**
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL, STATE, AND LOCAL ELECTRICAL CODES.
 2. USE FIGURED DIMENSIONS OR ACTUAL MEASUREMENTS, SCALING OF DRAWINGS IS AT CONTRACTOR'S OWN RISK.
 3. CONTRACTOR SHALL EXTEND EXISTING CONDUIT STUB OUTS PROVIDED AT 24" BELOW GRADE, 5 FT., FROM HOUSING UNITS TO THE NEW ELECTRICAL MANHOLES. (EXISTING STUB OUTS PROVIDED BY OTHERS ARE AS FOLLOWS: F.A. = 1" C., TV = 1-1/4" C., P.A. = 1-1/4" C., PHONE = 2" C. AND SPARE = 1-1/2" C.)
 4. CONTRACTOR SHALL EXTEND EXISTING CONDUIT STUB OUTS PROVIDED AT 24" BELOW GRADE, 5 FT., FROM DINING BLDG TO THE NEW ELECTRICAL MANHOLE. (EXISTING STUB OUTS PROVIDED BY OTHERS ARE AS FOLLOWS: F.A. = 1" C., TV = 1-1/4" C., P.A. = 1-1/4" C., PHONE = 2" C. AND SPARE = 1-1/2" C.)
 5. CONTRACTOR SHALL EXTEND EXISTING 4" C. STUB OUT PROVIDED AT 24" BELOW GRADE, 5 FT., FROM HOUSING UNITS TO THE NEW PAD MOUNTED TRANSFORMER. FURNISH AND INSTALL 4-600 MCM FEEDERS AND TERMINATE IN PANEL "MDP" AND TRANSFORMER.
 6. CONTRACTOR SHALL EXTEND TWO (2) EXISTING 4" C. STUB OUTS PROVIDED AT 24" BELOW GRADE, 5 FT., FROM DINING BLDG TO THE NEW PAD MOUNTED TRANSFORMER. FURNISH AND INSTALL TWO (2) SETS OF 4-600 MCM FEEDERS AND TERMINATE IN PANEL "MDP" AND TRANSFORMER.
 7. MINIMUM BURIAL DEPTHS TO TOP OF ELECTRICAL DUCTS SHALL BE IN ACCORDANCE WITH SECTION 300-3 OF THE N.E.C.. MAXIMUM BURIAL DEPTH TO THE TOP OF ELECTRICAL DUCTS SHALL BE 30".
 8. SITE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE BUILDING ELECTRICAL CONTRACTORS. THIS INCLUDES THE LOCATION OF EQUIPMENT, STUB OUTS, CONSTRUCTION SCHEDULES, ETC.



SINGLE LINE DIAGRAM



STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities L. BENNETT Acting Director	IDENTIFICATION NO. PROJECT STATE ACCOUNT TIO-47-8599-002	DESIGNED LTH DRAWN LTH CHECKED LTH APPROVED LTH	
	SOUTH Western Wayne Correctional Facility DEPARTMENT OF CORRECTIONS	BID PACKAGE NO. 3 ELECTRICAL PLAN U4	SHEET