Northwest Territories

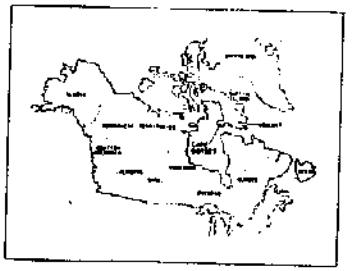
DEPARTMENT OF PUBLIC WORKS

TRUCKFILL STATION

CAPE DORSET
N.W.T.

PROJECT No. 90-4306

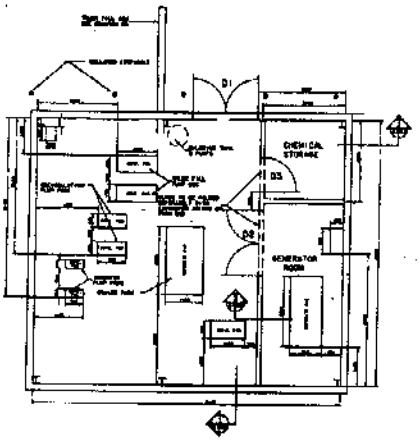
DWG. No.	TITLE
C01	COVER SHEET
C02	SITE LOCATION
C03	SITE PLAN
C04	DETAILS - CIVIL
C05	FOUNDATIONS & FLOOR PLAN
C06	FOUNDATION & ROOF PLAN
C07	DETAILS - STRUCTURAL
C08	TRUCKFILL JOB
C09	FLOOR PLAN - MECHANICAL
C10	PIPING & CONTROL SCHEMATIC
C11	DETAILS - MECHANICAL
C12	TRAPPER, RESERVOIR SCHEMATICS & DETAILS
C13	SITE PLAN, SINGLE LINE DIAGRAM
C14	DETAILS - ELECTRICAL
C15	LIGHTING & PANEL SCHEDULE LAYOUT
C16	DETAILS - ELECTRICAL
C17	POWER LAYOUT - ELEVATIONS & DETAILS - ELECTRICAL



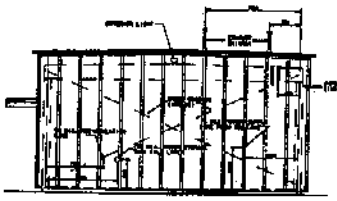
set #5

OLIVER MANGIONE McCALLA & ASSOCIATES LIMITED
Consulting Engineers

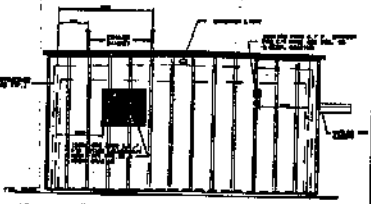
91-8061-CS1



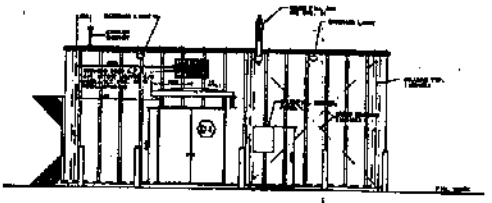
FLOOR PLAN



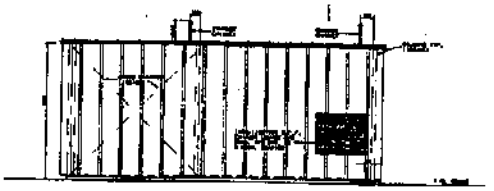
WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION

DOOR SCHEDULE

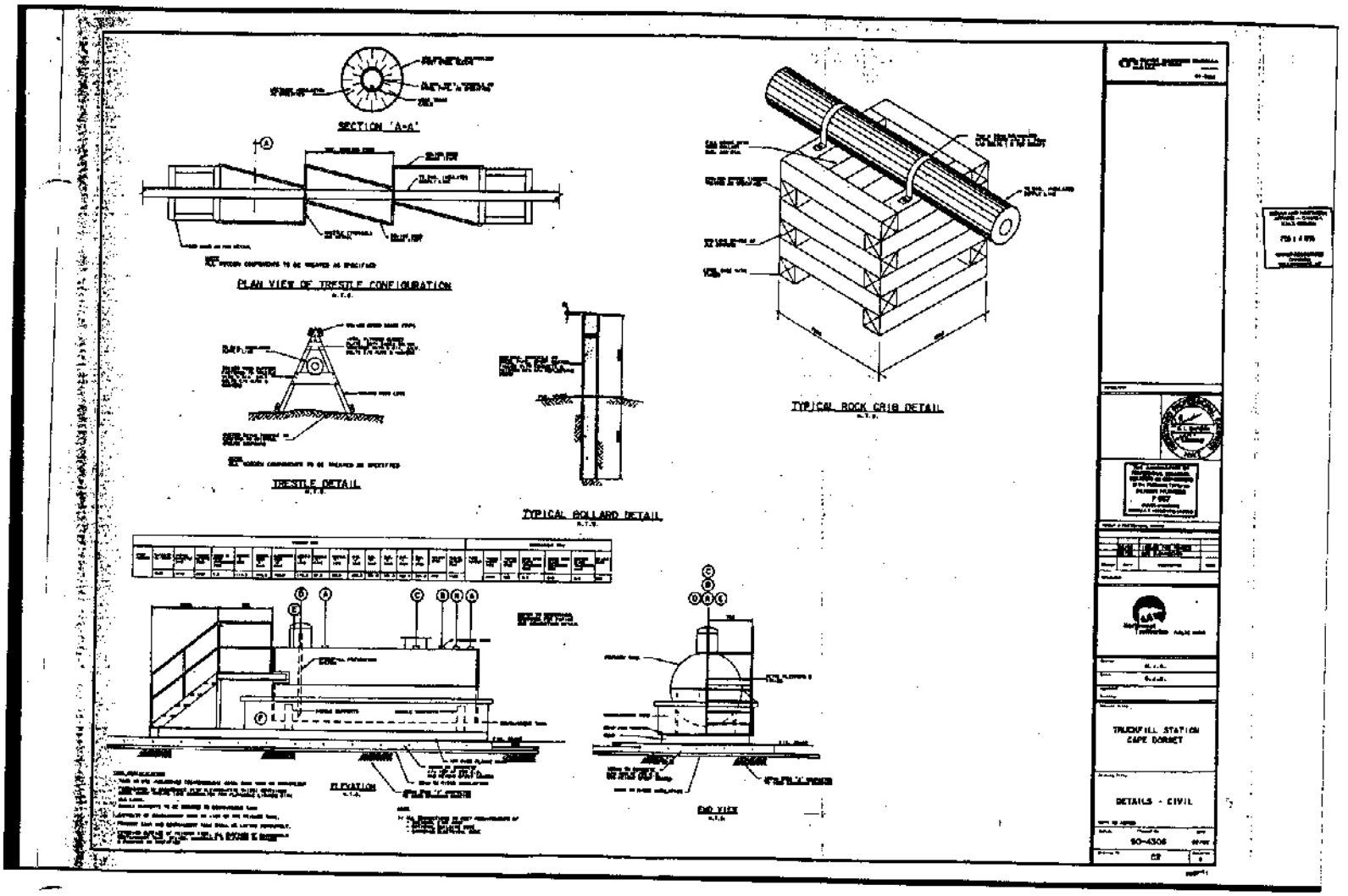
TRUCK FILL STATION
CAPE DORSET

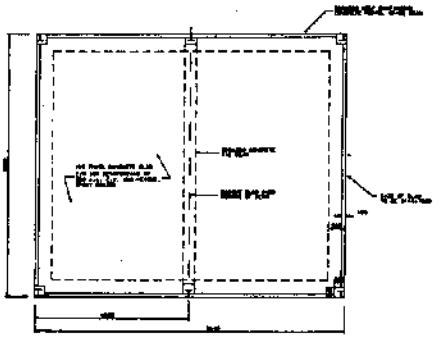
ELEVATIONS & FLOOR PLAN

1:50

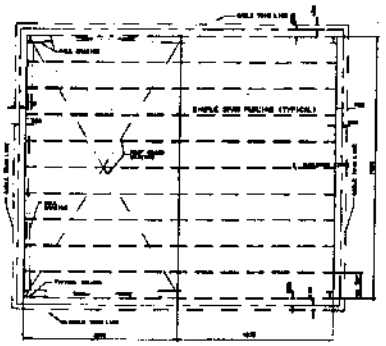
80-4006

S1

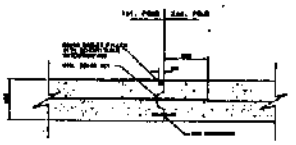

SECTION 'A-A'
PLAN VIEW OF TRESTLE CONFIGURATION
TRESTLE DETAIL
TYPICAL BOLLARD DETAIL
TYPICAL ROCK CRIB DETAIL
ELEVATION
END VIEW
TRUCKFILL STATION
CAPE DORSET
DETAILS - CIVIL
90-4306



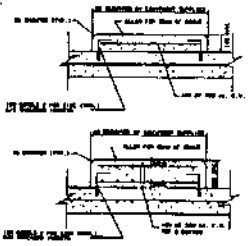
FOUNDATION PLAN



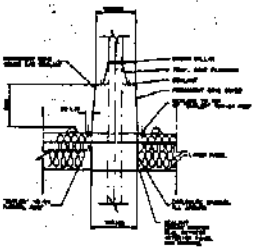
ROOF FRAMING PLAN



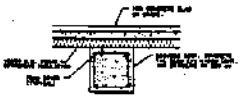
CONSTRUCTION JOINT
SLAB ON GRADE



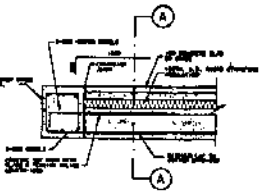
HOUSEKEEPING PAD DETAILS



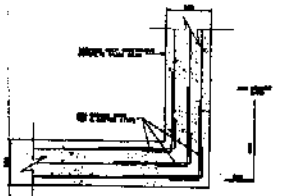
ROOF OPENING DETAIL



SECTION "A-A"



SECTION AT TIE BEAM



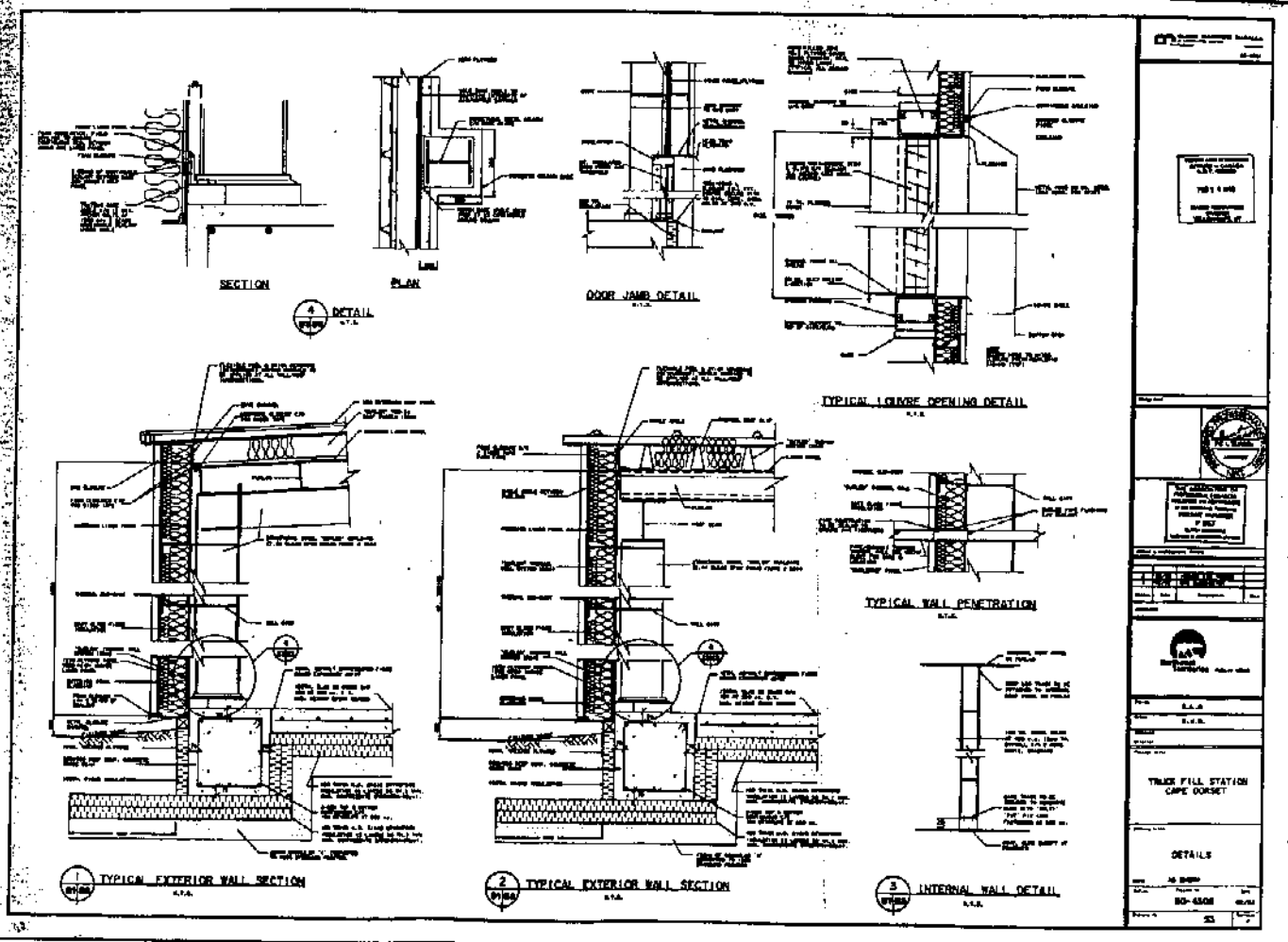
FOUNDATION WALL-CORNER DETAIL

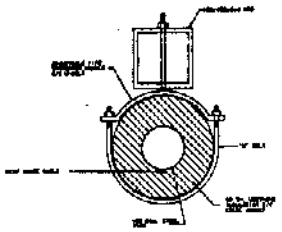
TRUCK FILL STATION
CAPE DORSET

FOUNDATION & ROOFING PLAN

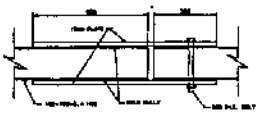
80-6308

S2

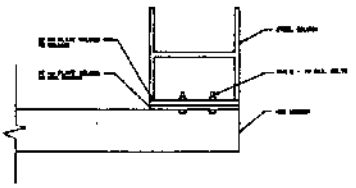

SECTION
PLAN
DETAIL
DOOR JAMB DETAIL
TYPICAL LOUVRE OPENING DETAIL
TYPICAL WALL PENETRATION
TYPICAL EXTERIOR WALL SECTION
TYPICAL EXTERIOR WALL SECTION
INTERNAL WALL DETAIL
TRUCK FILL STATION
CAPE DORSET
DETAILS



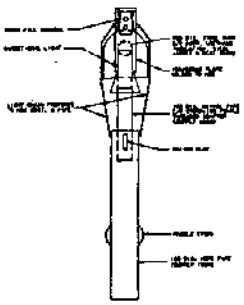
SECTION 'A-A'
N.T.S.



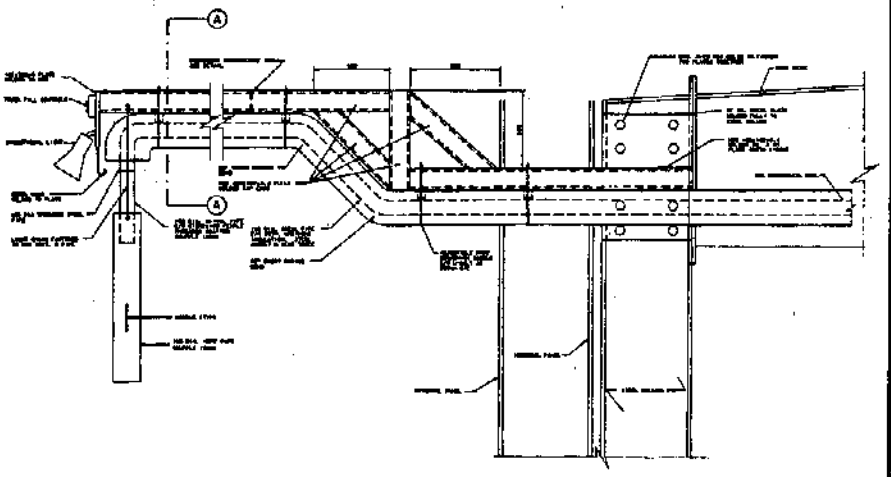
BREAKAWAY CONNECTION DETAIL
N.T.S.



PLAN
N.T.S.



FRONT VIEW
N.T.S.



TRUCK FILL ARM DETAIL & SECTIONS
N.T.S.

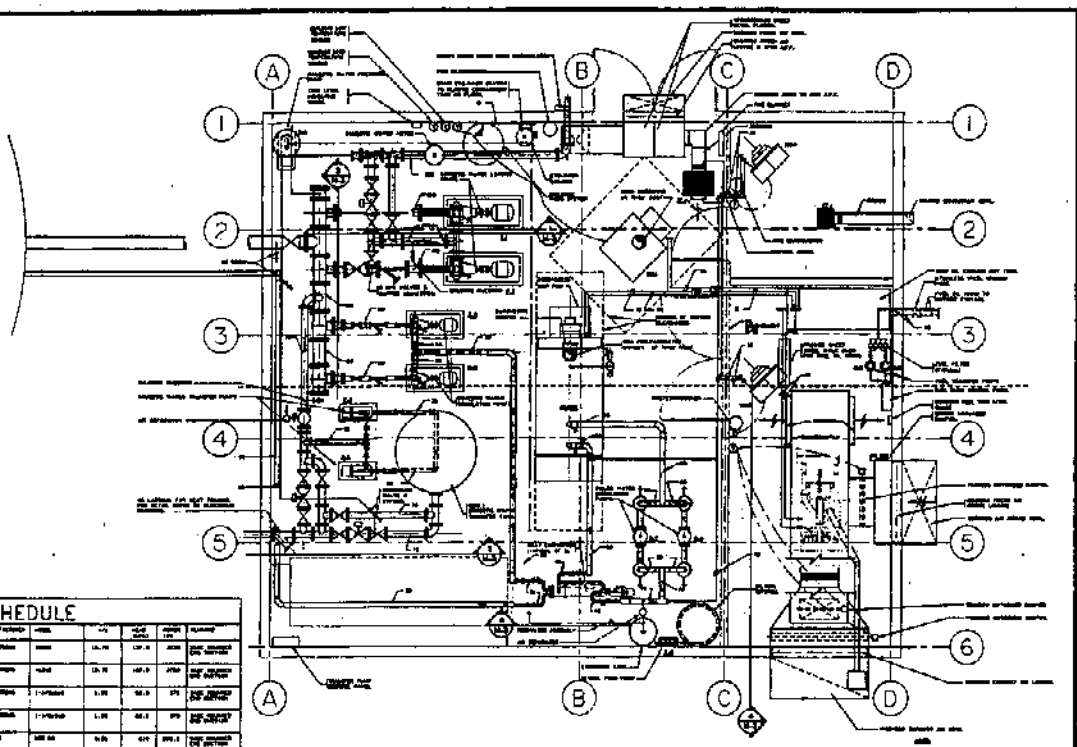
TRUCK FILL STATION
CAPE DORSET

TRUCK FILL ARM
DETAIL

90-4306

S4

PATCH COUNT



PUMP SCHEDULE

FAN SCHEDULE

UNIT HEATER SCHEDULE

NOMINAL PIPE SIZE

1/2	
3/4	
1	
1 1/4	
1 1/2	
2	
2 1/2	
3	
4	
5	
6	
8	
10	
12	
14	
16	
18	
20	
24	

CHARCLU ENGINEERING MANAGEMENT LTD.
419-500 TONEY FOX DRIVE
KANATA, ONTARIO K2L 4B3
TEL (613)592-8814

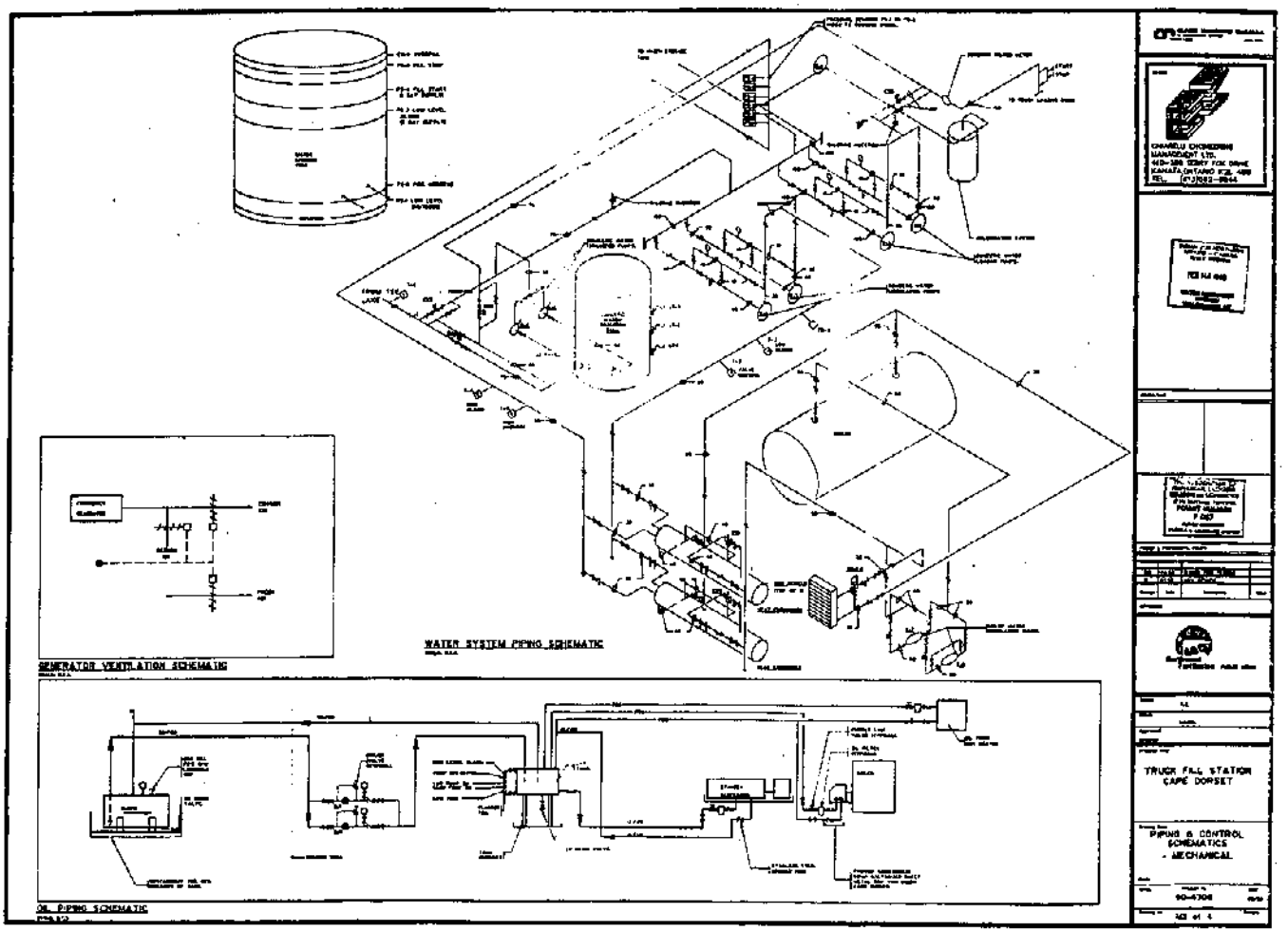
MECHANICAL LEGEND

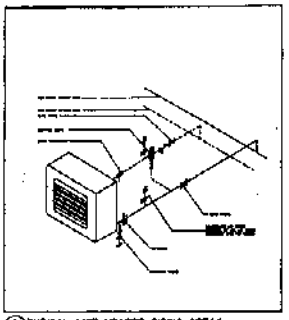
TRUCK FILL STATION
CAPE DORSET

FLOOR PLAN
- MECHANICAL

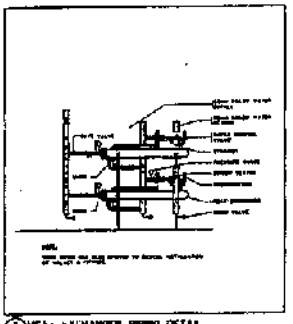
90-4309

M-1 of 4

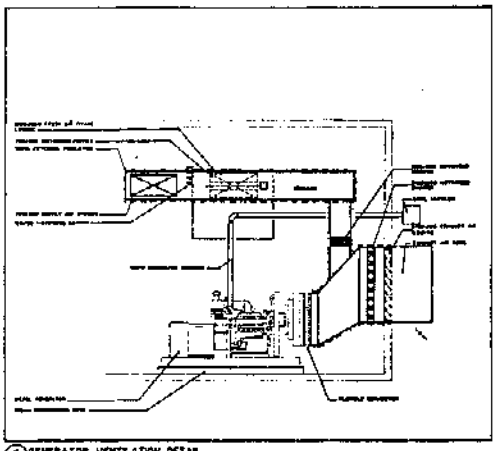

WATER SYSTEM PIPING SCHEMATIC
GENERATOR VENTILATION SCHEMATIC
OIL PIPING SCHEMATIC
TRUCK FILL STATION
CAPE DORSET
PIPING & CONTROL
SCHEMATICS
- MECHANICAL
90-4306



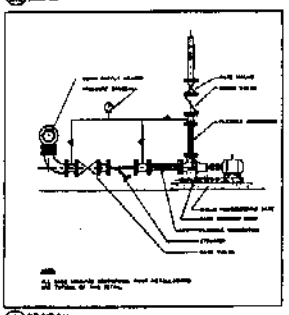
1 TYPICAL UNIT HEATER PIPING DETAIL



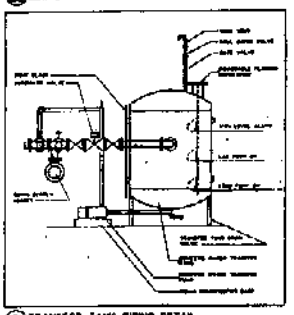
2 HEAT EXCHANGER PIPING DETAIL



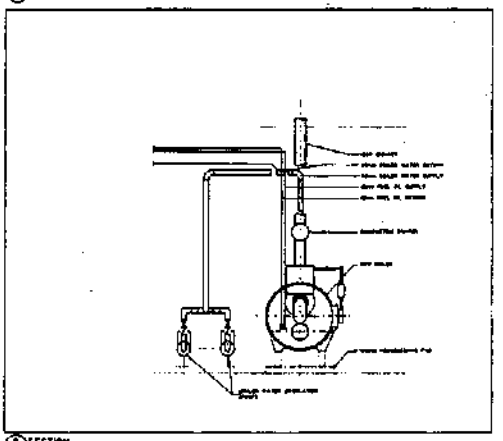
4 GENERATOR VENTILATION DETAIL



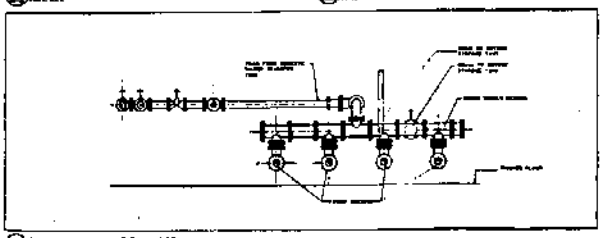
1 SECTION



3 TRANSFER TANK PIPING DETAIL



2 SECTION



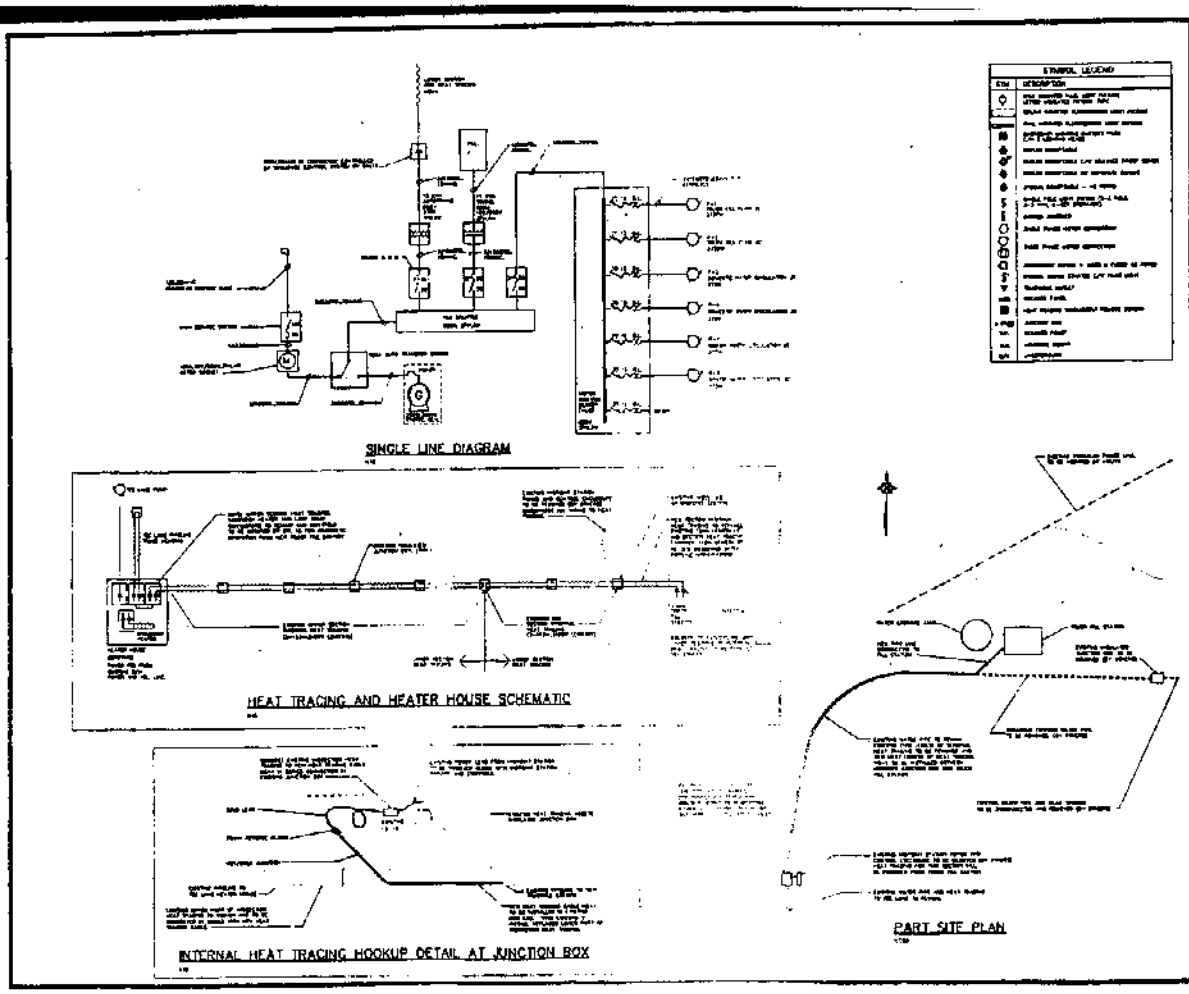
5 SUPPLY HEADER PIPING DETAIL

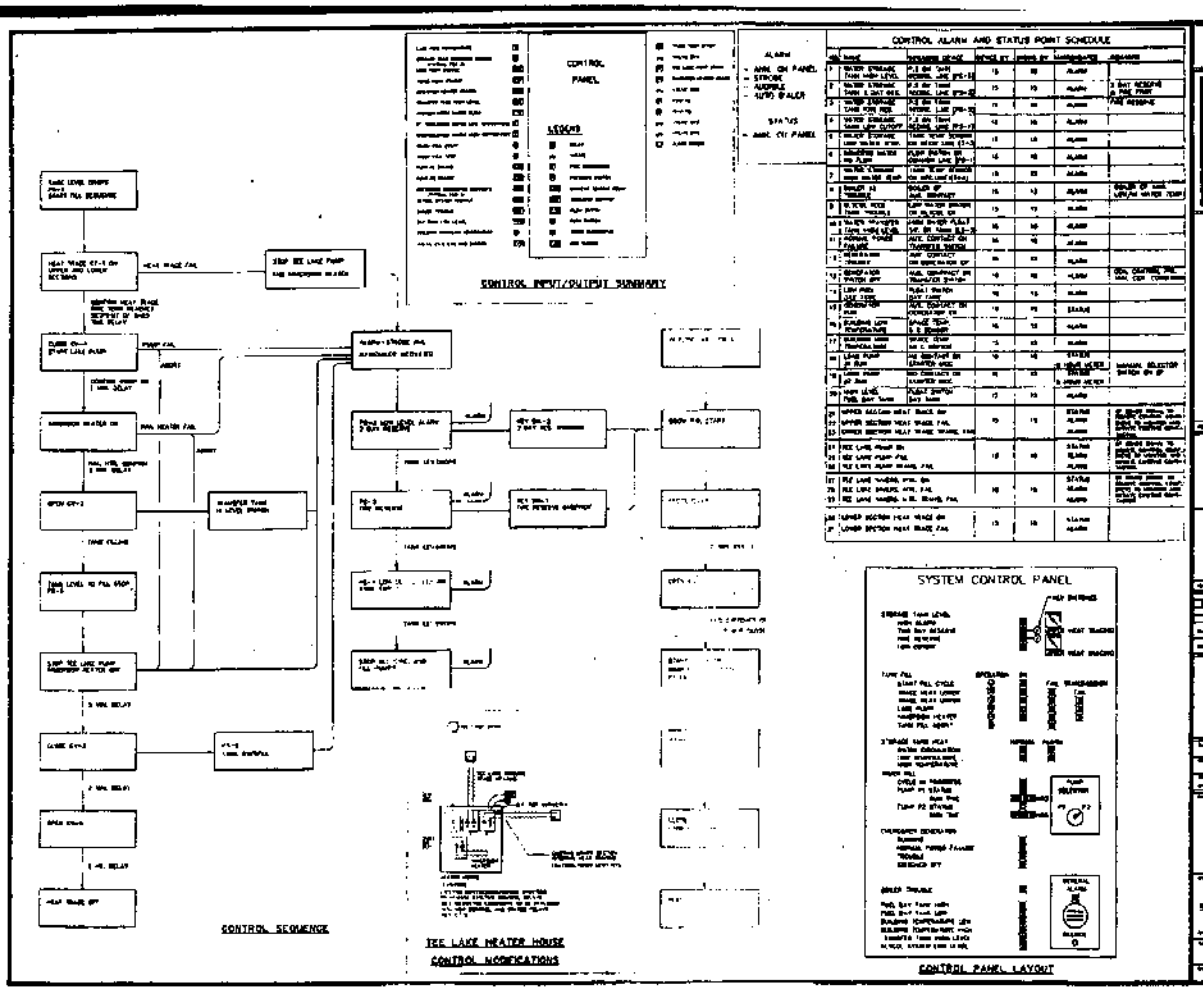
TRUCK FILL STATION
CAPE DORSET

DETAILS
- MECHANICAL

90-4306

M3 of 6


SINGLE LINE DIAGRAM
HEAT TRACING AND HEATER HOUSE SCHEMATIC
INTERNAL HEAT TRACING HOOKUP DETAIL AT JUNCTION BOX
PART SITE PLAN
TRUCK FILL STATION
CAPE DORSET
SITE PLAN, SINGLE
LINE DIAGRAM & DETAILS
- ELECTRICAL

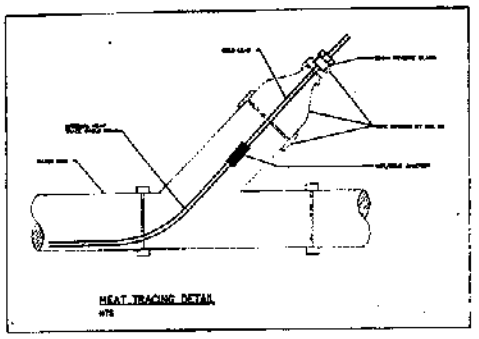


TRUCK FILL STATION
CAPE DORSET

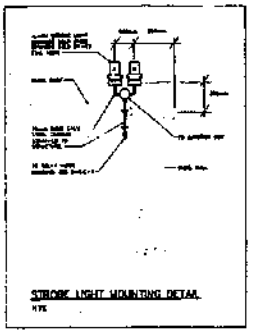
CONTROL SEQUENCE
SCHEMATIC & DETAILS

90-4306

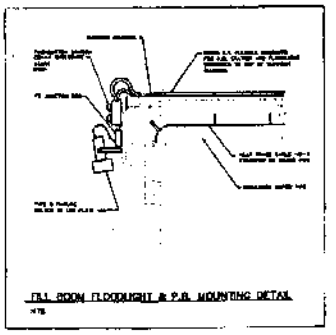
M4 of 4



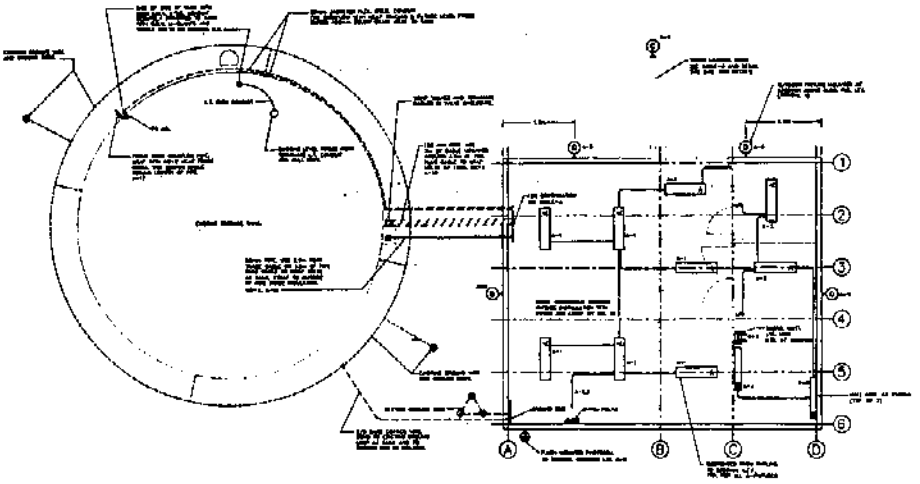
HEAT TRACING DETAIL
NTS



STROBE LIGHT MOUNTING DETAIL
NTS



FILL ROOM FLOODLIGHT & P.B. MOUNTING DETAIL
NTS



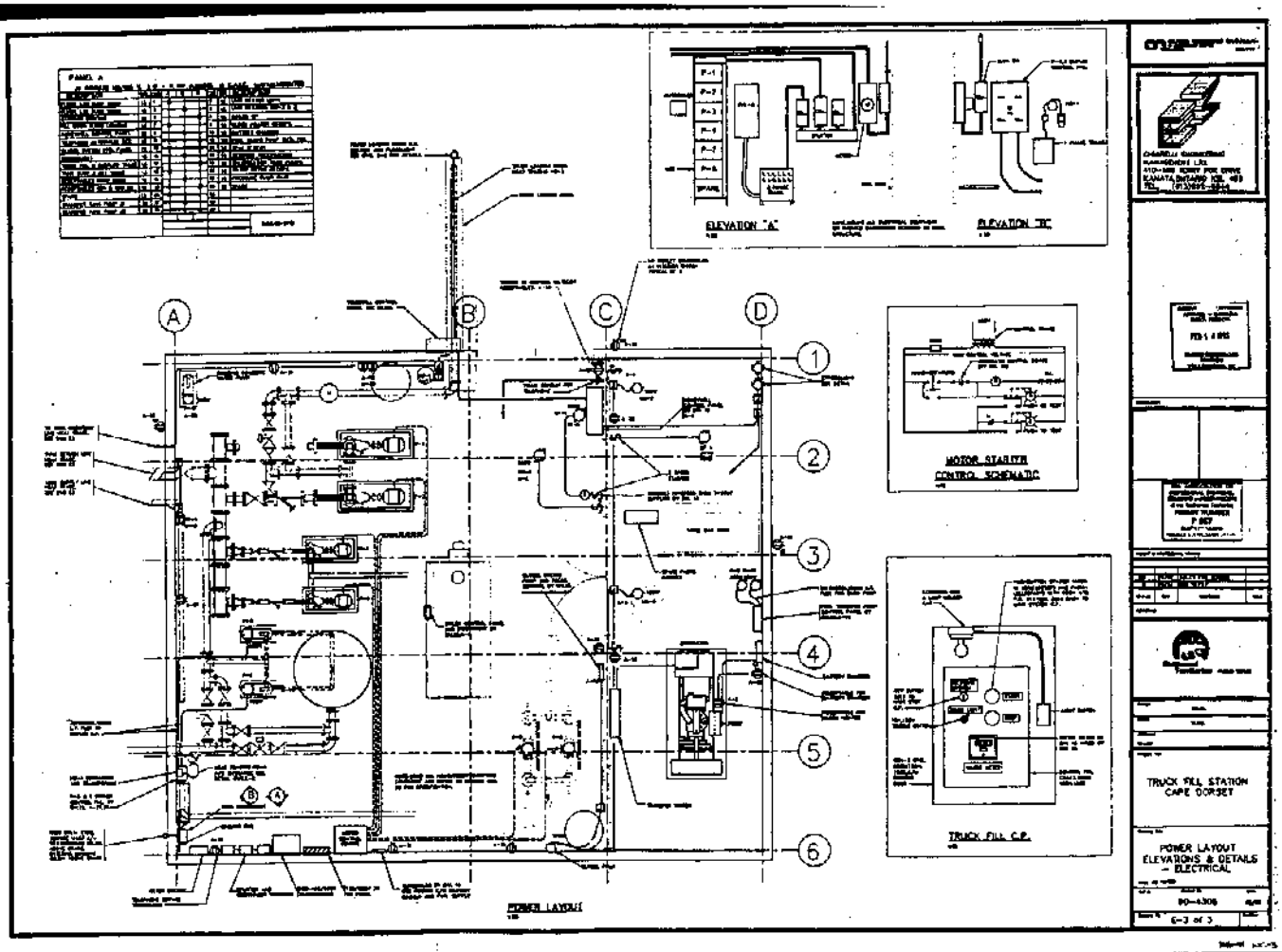
LIGHTING AND HEAT TRACING LAYOUT
1:50

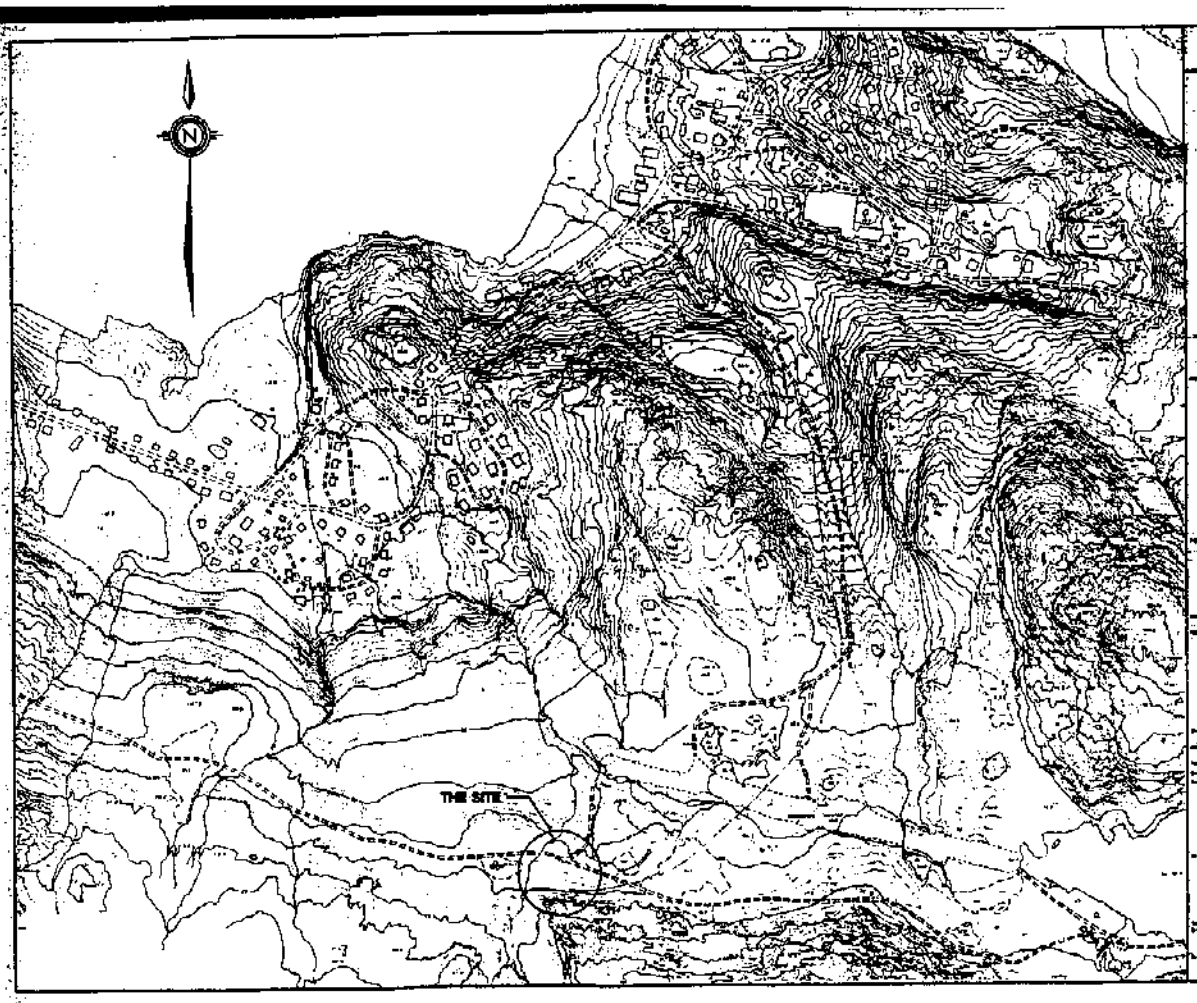
TRUCK FILL STATION
CAPE DORSET

LIGHTING & TRACE HEATING LAYOUT & DETAILS—ELECTRICAL

90-6308

E-2 of 3


ELEVATION "A"
ELEVATION "B"
MOTOR STARTER CONTROL SCHEMATIC
TRUCK FILL C.P.
POWER LAYOUT
TRUCK FILL STATION
CAPE DORSET
POWER LAYOUT
ELEVATIONS & DETAILS
- ELECTRICAL
90-4306
E-3 of 3

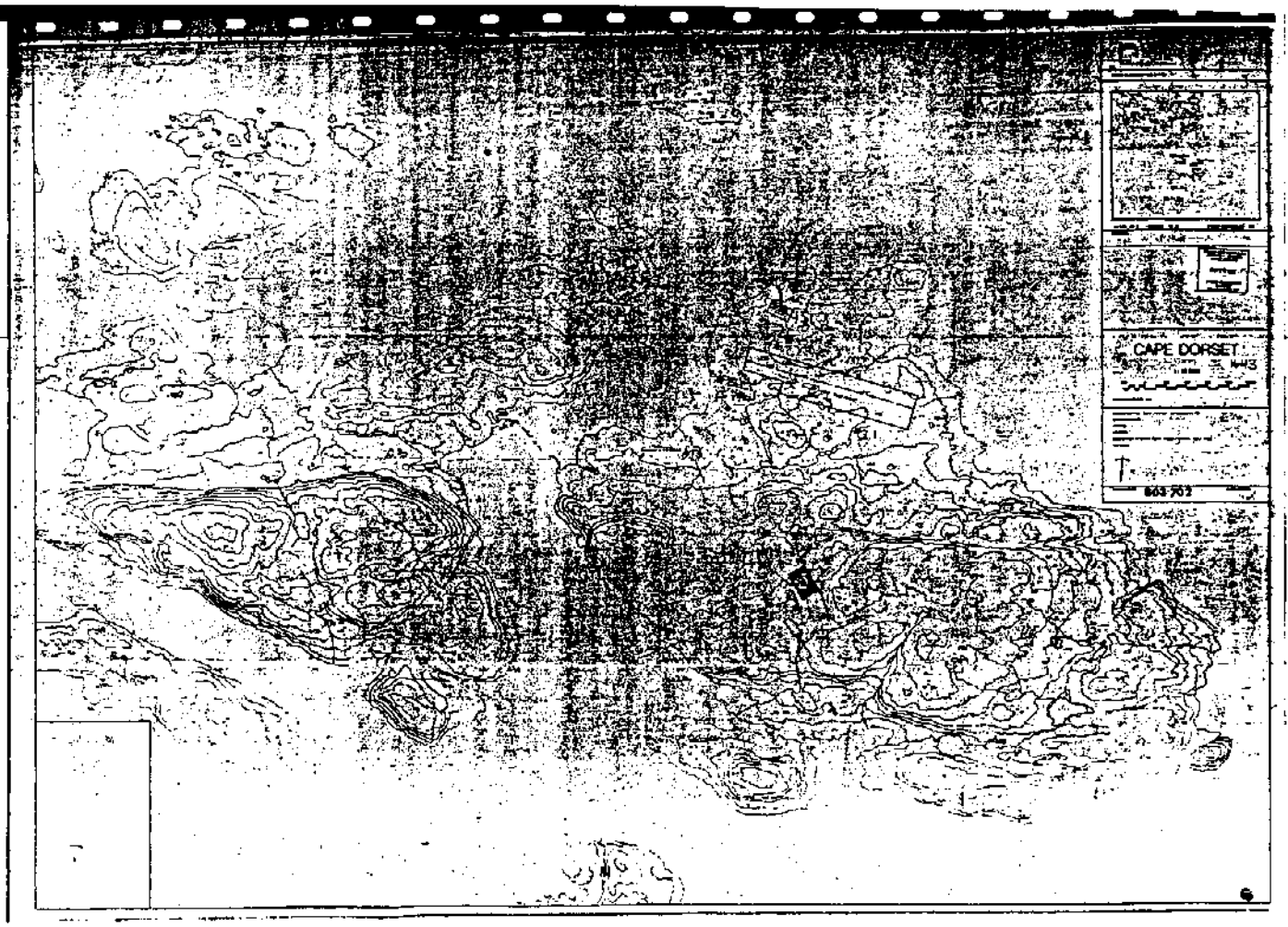


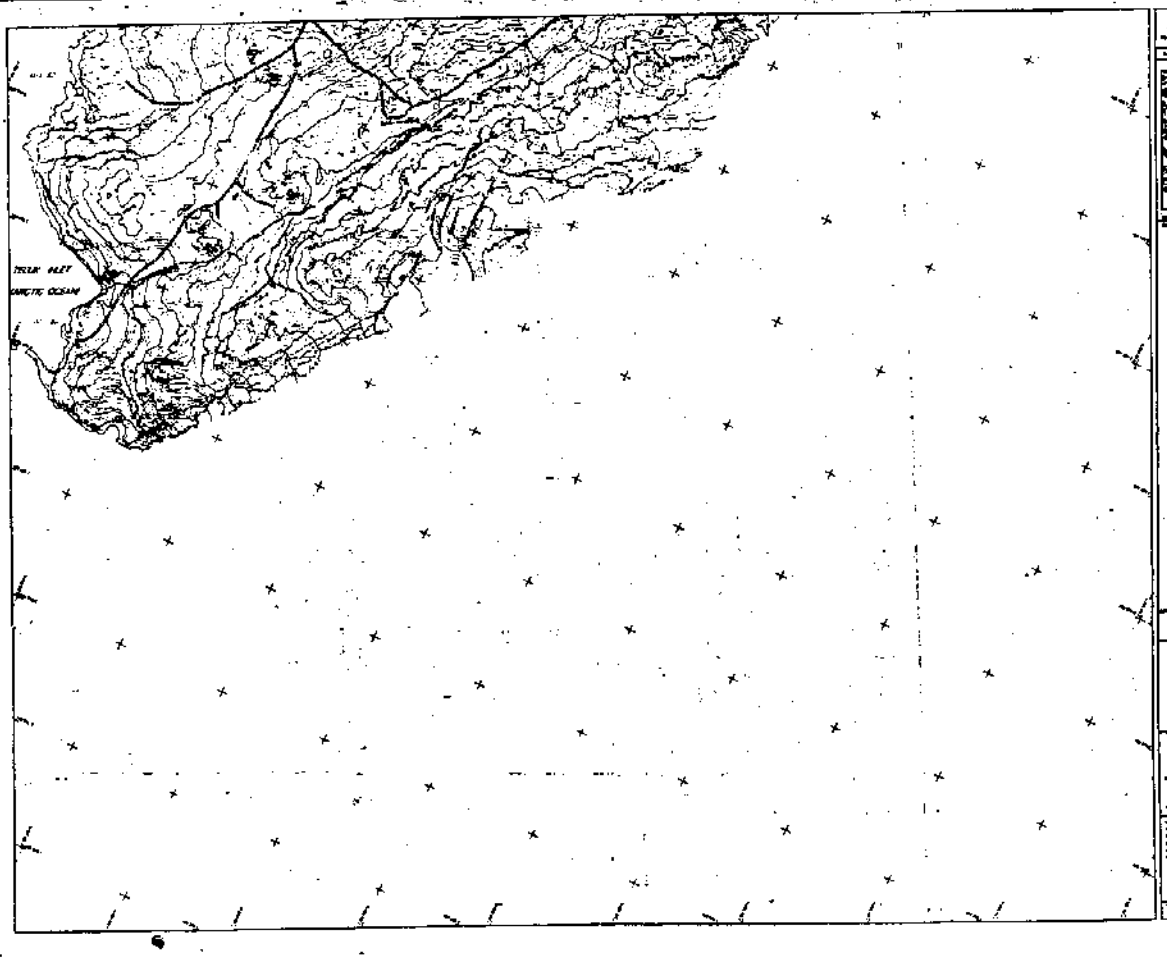
TRACKFILL STATION
CAPE DORSET

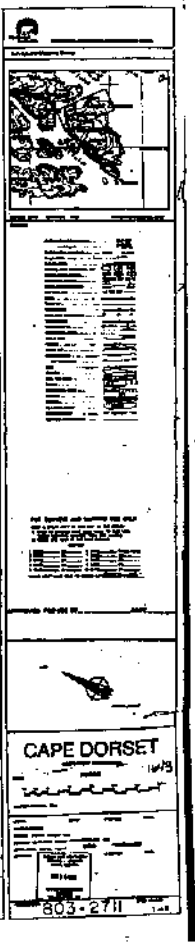
SITE LOCATION

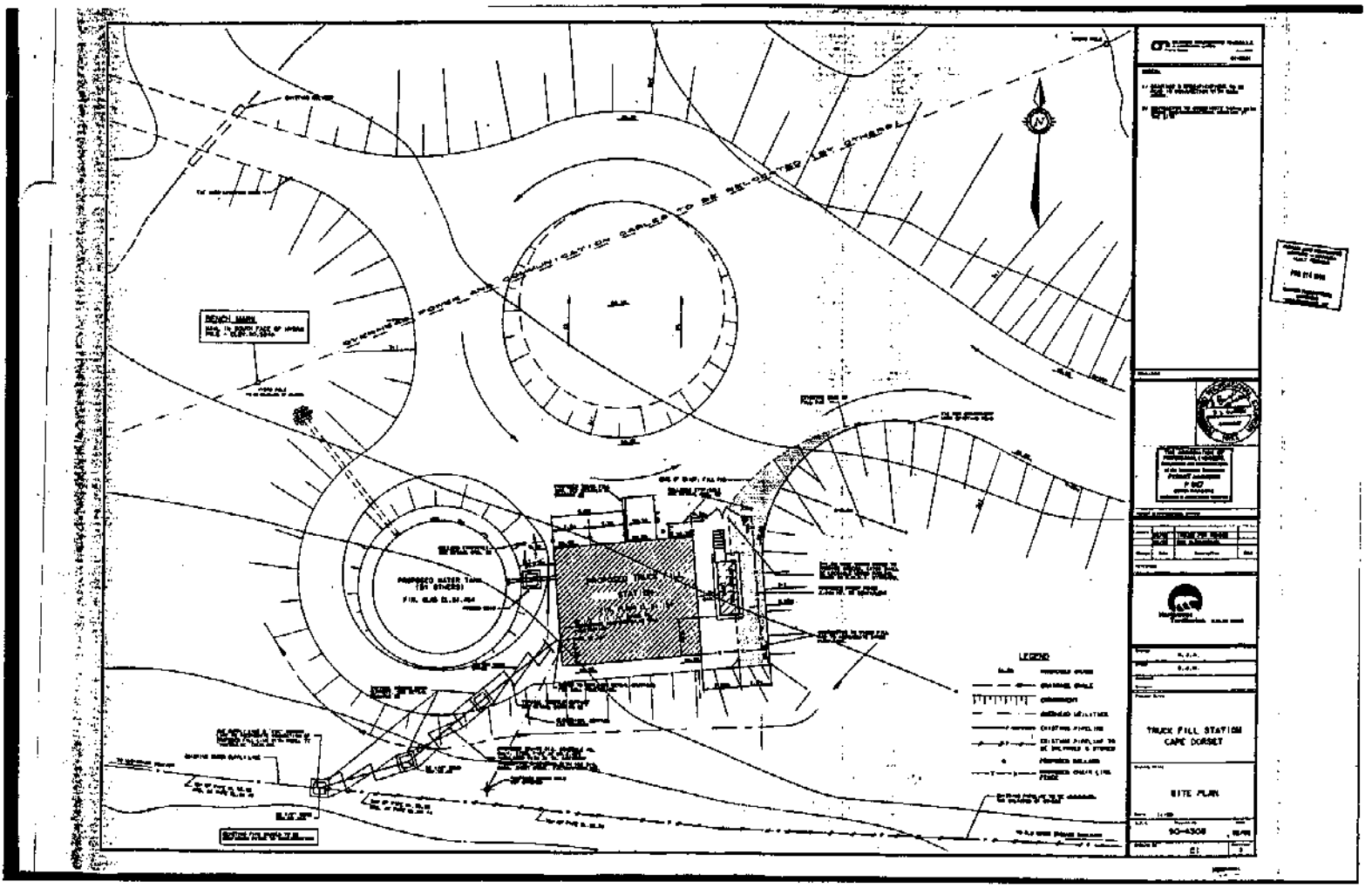
90-1304

SL1


CAPE DORSET
443
603-702


TELLIK INLET
ARCTIC OCEAN


CAPE DORSET
803-2711


BENCH MARK
LEGEND
TRUCK FILL STATION
CAPE DORSET
SITE PLAN
90-4308