



CLIENT: DEVON CANADA  
PROJECT: 10x60 ARCTIC CORRIDOR ADDITION  
LOCATION: JACKFISH, ALBERTA  
ATCO BID NUMBER: 107-021  
ATCO PROJECT: 950000076-1

DRAWING LIST:

## ARCHITECTURAL:

|                    |                                |
|--------------------|--------------------------------|
| B-950000076-1-A00  | TITLE PAGE                     |
| B-950000076-1-A01  | PRODUCTION PLAN                |
| B-950000076-1-B01  | STEEL PERIMETER FRAME          |
| B-950000076-1-D01  | TYPICAL CROSS SECTION          |
| B-950000076-1-SP01 | PROJECT SITE PLAN              |
| B-950000076-1-XL01 | SPECIFICATION & EQUIPMENT LIST |

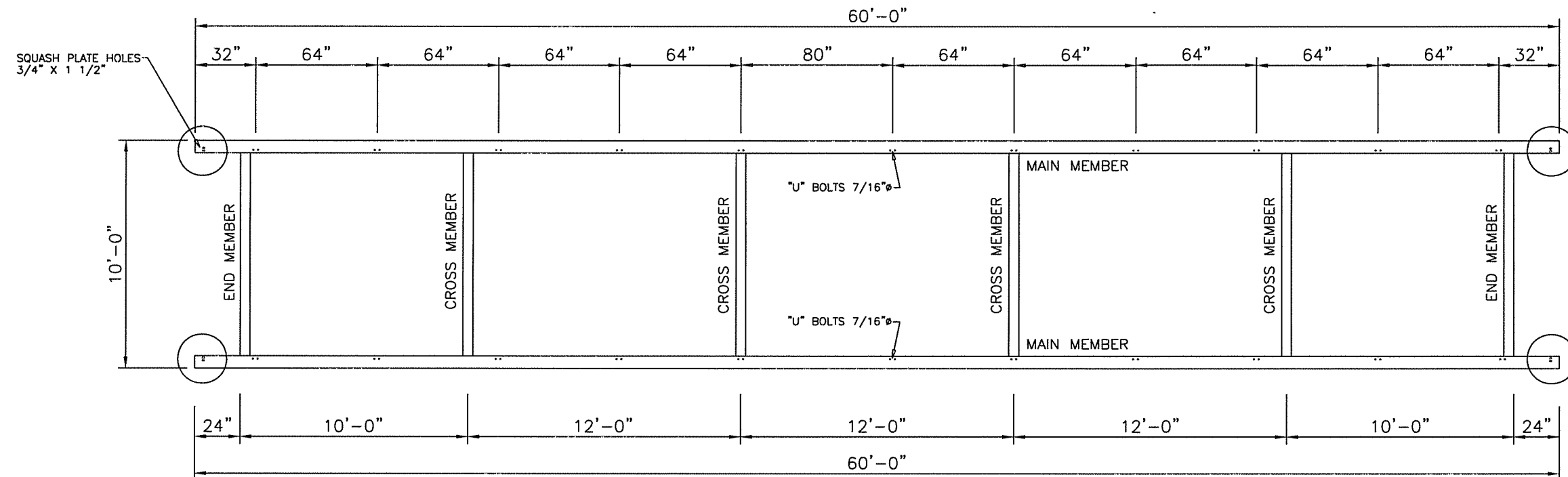
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## ELECTRICAL:

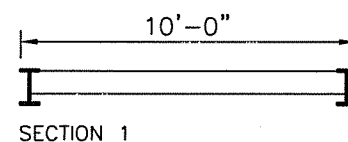
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|-------------------|--------------------------|
| B-950000076-1-E01 | ELECTRICAL LAYOUT        |
| B-950000076-1-E02 | FIRE ALARM LAYOUT        |
| B-950000076-1-E03 | REFLECTED CEILING LAYOUT |

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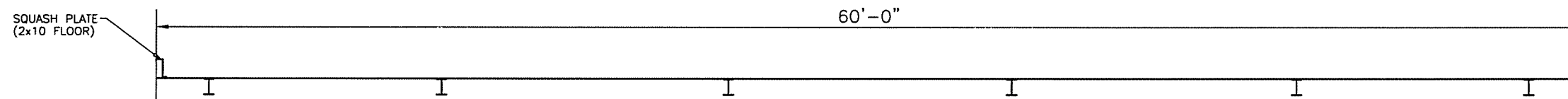




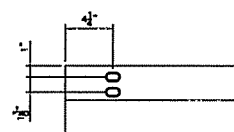
FLOOR PLAN



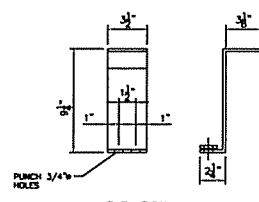
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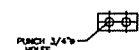
SECTION 2



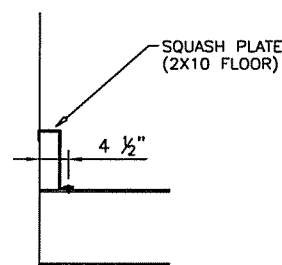
TYPICAL SQUASH PLATE BOLTING



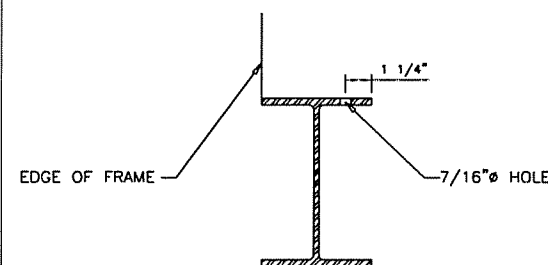
ELEVATION



WASHER PLATE PLAN



FRAME END DETAIL



U-BOLT HOLE SECTION AT MAIN MEMBER

- FRAME NOTES:
1. MAIN MEMBERS - 12"WF @ 26 lbs/ft
  2. CROSS MEMBERS & END MEMBERS - 8"WF @ 18 lbs/ft
  3. FLOOR BOLTING - SEE BKM FR-002
  4. U-BOLT HOLES TO BE 7/16" TYPICAL
  5. UNLESS NOTED OTHERWISE, ALL WELDS TO BE 1/4" CONTINUOUS FILLET MINIMUM
  6. ELECTRODES TO BE E7018 OR EQUIVALENT
  7. ALL WELDING IS TO COMPLY WITH CSA STANDARD W59
  8. REMOVE ALL BURRS, FLUX AND SPATTER
  9. WIRE BRUSH CLEAN, PRIME AND APPLY ONE COAT OF BLACK MARINE ENAMEL

SERIAL NUMBERS

160073987

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NOTES:

CUSTOMER ACCEPTANCE

- ☐ - ACCEPTANCE AS DRAWN  
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BY:

*Paul Met*

DATE:

*20 March 07*

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DRAWN BY:

EM

DATE:

13MAR07

SCALE:

3/16"=1'-0"

CHECKED BY:

APPROVED BY:

CLIENT:

DEVON CANADA  
 10x60 ARCTIC CORRIDOR ADDITION  
 JACKFISH PROJECT

PROJECT:

1-10x60 UNIT ARCTIC CORRIDOR

INTERNAL DOCUMENT CONTROL

PLANT REDLINES BY:

DATE:

REDLINE REC'D BY ENG BY:

DATE:

DRAWING TITLE:

STEEL PERIMETER FRAME

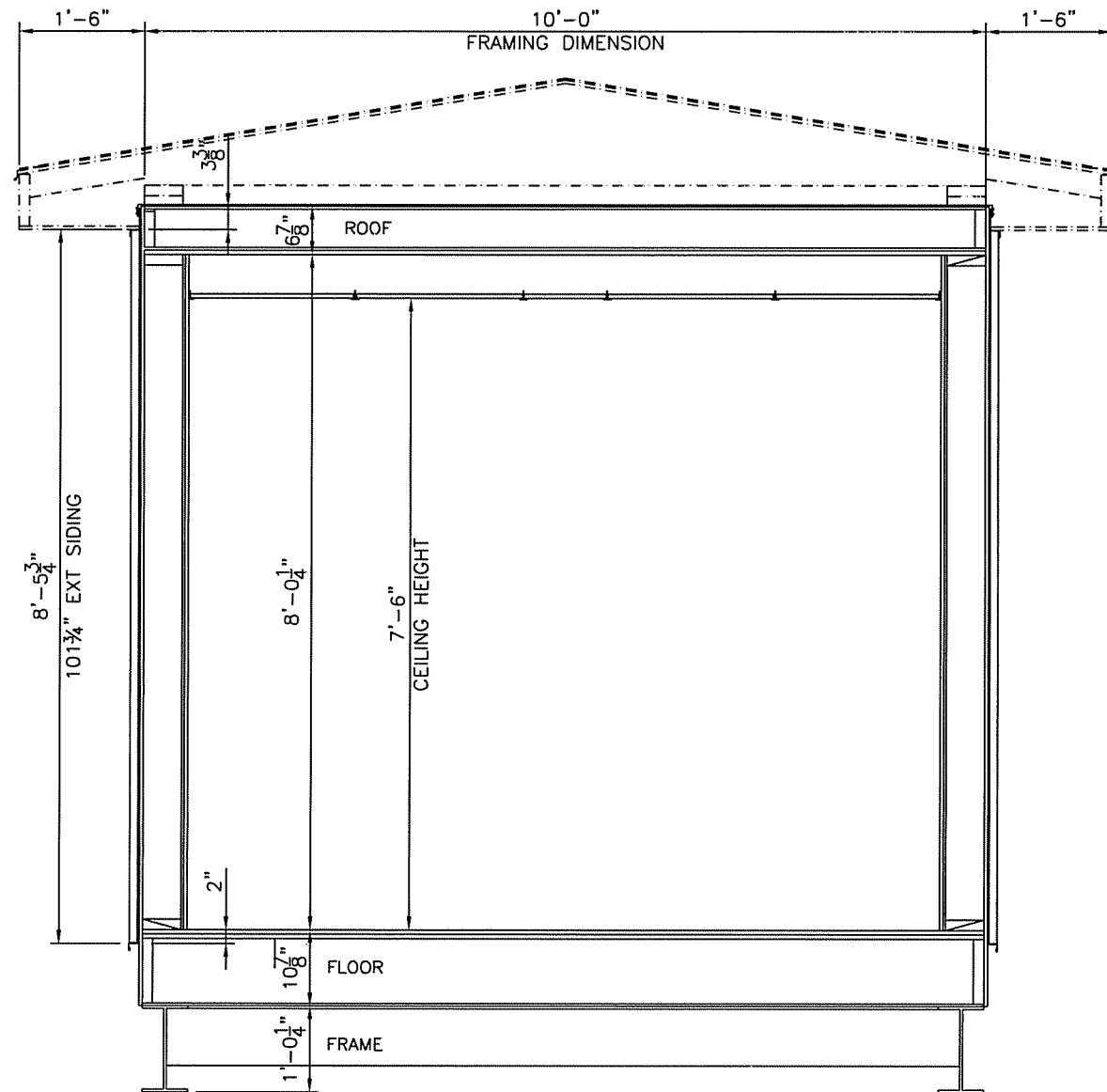
DRAWING NO:

B-950000076-1-B01

REVISION

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**ATCO** Structures



CROSS SECTION

|     |         |                      |  |    |         |
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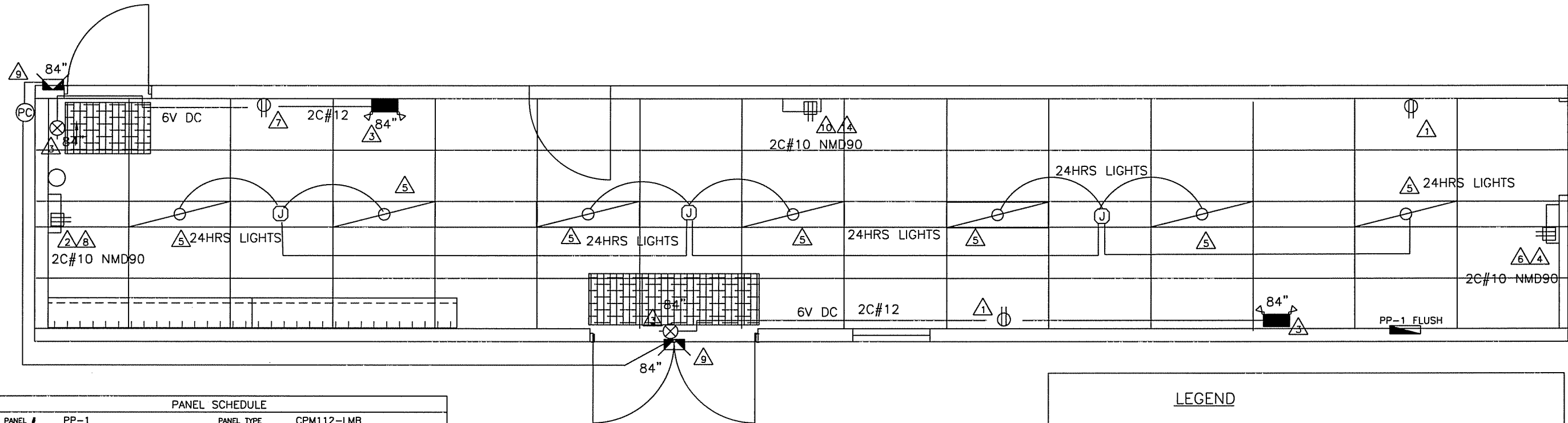
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DATE: *20 March 07*

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DATE: 13MAR07  
SCALE: 3/8"=1'-0"  
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CUENT: DEVON CANADA  
10x60 ARCTIC CORRIDOR ADDITION  
JACKFISH PROJECT  
PROJECT: 1-10x60 UNIT ARCTIC CORRIDOR

| INTERNAL DOCUMENT CONTROL               |               |
|---|---------------|
| PLANT REDLINES BY:                      | DATE:         |
| REDLINE REC'D BY ENG BY:                | DATE:         |
| DRAWING TITLE:<br>TYPICAL CROSS SECTION |               |
| DRAWING NO:<br>B-950000076-1-D01        | REVISION<br>0 |





| PANEL SCHEDULE |   |              |     |     |    |                   |       |  |  |
|----------------|---|--------------|-----|-----|----|-------------------|-------|--|--|
| PANEL #        | PP-1                                    | PANEL TYPE   |     |     |    | CPM112-LMB        |       |  |  |
| MOUNTING       | FLUSH                                   | VOLTAGE      |     |     |    | 120/208V          |       |  |  |
| TOTAL LOAD     | 13.6KW [EST. DEMAND LOAD]               | PHASE:       |     |     |    | 1Ø 3W             |       |  |  |
| FED FROM       | CLIENT                                  | MAIN BREAKER |     |     |    | 2P80A             |       |  |  |
| FEEDER         | 3C#4 TECK CABLE (BY CLIENT)             |              |     |     |    |                   |       |  |  |
| STUBS          | 1"EMT[FEEDER] + 1/2"GND] EMT STUB DOWNS |              |     |     |    |                   |       |  |  |
| WATTS          | DESCRIPTION                             | No           | C/B | C/B | No | DESCRIPTION       | WATTS |  |  |
| 480            | RECEPTACLES                             | 1            | 15  | 2P  | 2  | FORCED AIR HEATER | 4000  |  |  |
| 72             | EMERGENCY/EXIT LIGHT                    | 3            | 15  | 2P  | 4  |                   |       |  |  |
| 630            | LIGHTS                                  | 5            | 15  | 30  | 6  | FORCED AIR HEATER | 4000  |  |  |
| 240            | RECEPTACLES                             | 7            | 15  | 30  | 8  |                   |       |  |  |
| 140            | EXTERIOR LIGHT                          | 9            | 15  | 2P  | 10 | FORCED AIR HEATER | 4000  |  |  |
|                |   | 11           |     |     | 12 |                   |       |  |  |
|                |   | 13           |     | 30  | 14 |                   |       |  |  |
|                |   | 15           |     |     | 16 |                   |       |  |  |
|                |   | 17           |     |     | 18 |                   |       |  |  |
|                |   | 19           |     |     | 20 |                   |       |  |  |
|                |   | 21           |     |     | 22 |                   |       |  |  |
|                |   | 23           |     |     | 24 |                   |       |  |  |

NOTES:

- ALL WIRE TO BE 2#12 NMD90 UNLESS OTHERWISE NOTED.
- ALL ELECTRICAL CONNECTIONS TO BE MOUNTED 16" ABOVE FINISHED FLOOR (AFF) UNLESS OTHERWISE SPECIFIED.
- ALL ELECTRICAL DEVICES ARE TO BE WHITE IN COLOR.

SERIAL NUMBERS

160073987

LEGEND

- 1'x4' FLUORESCENT T-BAR MTD. FIXTURE 2 LAMP
- 70W HIGH PRESSURE SODIUM, WALL MOUNT C/W INTEGRAL THERMOSTAT
- OCTAGON JUNCTION BOX
- JUNCTION BOX SIZE AS REQUIRED
- SINGLE RECEPTACLE, SIZE INDICATED ON DWG.
- 15A/125V DUPLEX RECEPTACLE-WHITE
- HARD WIRED CONNECTION
- POWER PANEL
- EXIT LIGHT SIGN
- COMBINATION EXIT/EMERGENCY LIGHT PACK WITH 2 HEADS 36W
- EMERGENCY LIGHT PACK WITH 2 HEADS 36W
- AC90(BX) CABLE 14/2 OR AS NOTED
- NMD90 LOOMEX CABLE 14/2 OR AS NOTED

|     |         |                      |    |     |     |
|-----|---------|----------------------|----|-----|-----|
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NOTES:

CUSTOMER ACCEPTANCE

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BY:

DATE:

*Paul*  
20 March 07

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DATE: MAR07  
SCALE: 1/4"=1'-0"  
CHECKED BY: DATE:  
APPROVED BY: DATE:

CLIENT:

DEVON CANADA CORP

PROJECT:

10' X 60' ARTIC CORRIDOR

INTERNAL DOCUMENT CONTROL

PLANT REDLINES BY: DATE:  
REDLINE REC'D BY ENG BY: DATE:

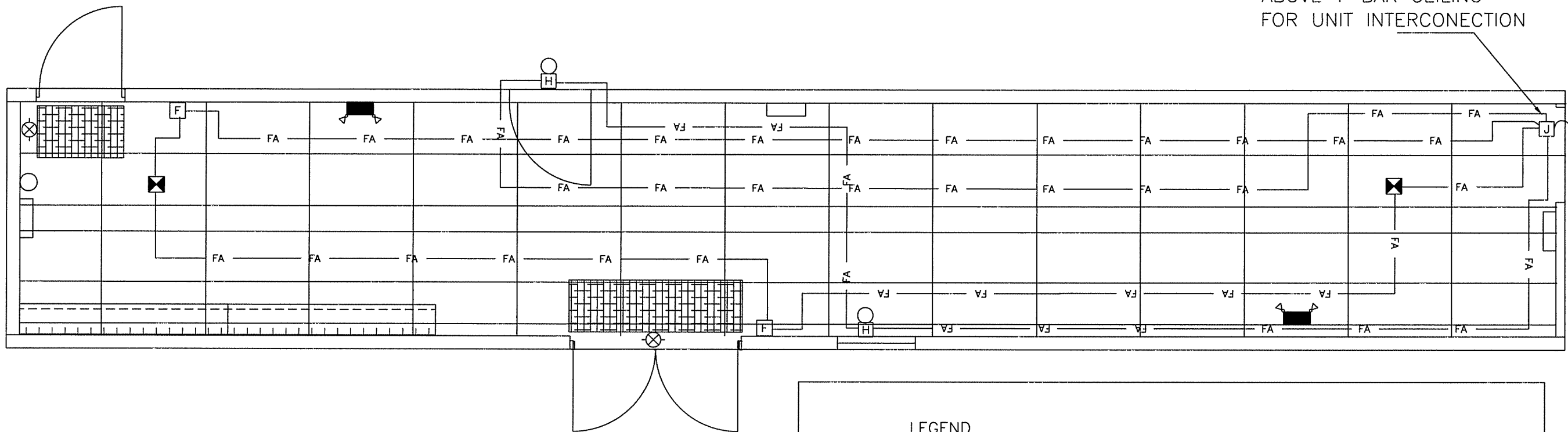
DRAWING TITLE:

ELECTRICAL LAYOUT

DRAWING NO: B-950000076-1-E01  
REVISION: 0

**ATCO** Structures

SURFACE MTD 4 X 4 JB  
ABOVE T-BAR CEILING  
FOR UNIT INTERCONNECTION



SERIAL NUMBERS

160073987

NOTES:

1. ALL FIRE ALARM WIRING TO BE 4W SECUREX CABLE UNLESS OTHERWISE NOTED.
2. ALL INCOMING WIRES AT FIRE ALARM PANEL TO COME IN FROM THE BOTTOM. PROVIDE DRIP LOOP TO AVOID CONDENSATION GOING INTO THE PANEL.
3. USE 4C#16 SECUREX FOR SIGNAL (BELL) CIRCUIT AND 4C#18 SECUREX FOR INITIATING CIRCUIT.
4. CLIENT SHOULD PROVIDE A 4X4 JB AT THE END OF UNIT #1 SERIES NUMBER 143050885 OF THE PROJECT 95355-03; FOR FA INTERCONNECTION (JB MOUNTED ABOVE T-BAR)

LEGEND

- END OF LINE RESISTER
- 24 VDC SMOKE DETECTOR – NOTIFIER
- HORN/STROBE COMBINATION – NOTIFIER
- MANUAL BREAK GLASS STATION – NOTIFIER
- EXIT LIGHT SIGN
- EMERGENCY LIGHT PACK WITH 2 HEADS 36W

T-BAR SPECIFICATION:

CLASS "A", SUSPENDED ARMSTRONG, "DESIGNER" 9/16 T-BAR CEILING, WITH (FSR 25) CEILING PANELS, 5/8"x24"x48" ARMSTRONG #769A, CLIPPED IN PLACE. ALL CROSS T's MUST BE SECURED TO STUDS AT PARTITIONS AND PERIMETER OF UNIT.

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CLIENT:

DEVON CANADA CORP

PROJECT:

10' X 60' ARTIC CORRIDOR

INTERNAL DOCUMENT CONTROL

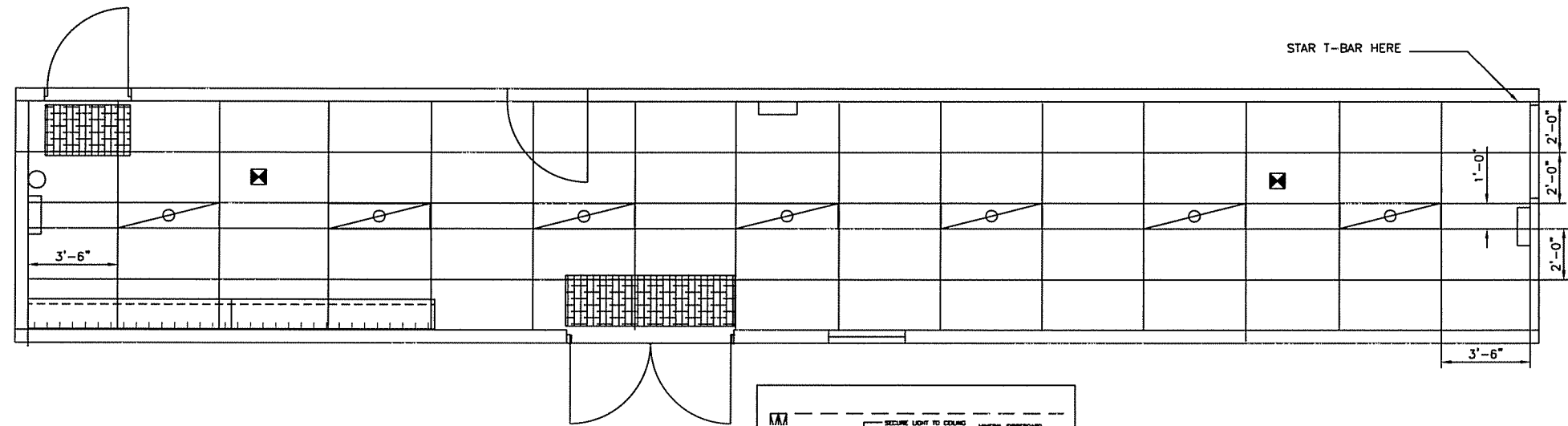
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





ARTIC CORRIDOR  
FIRE ALARM LAYOUT

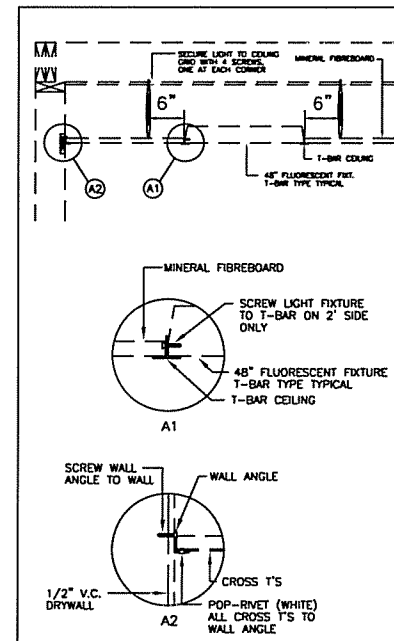
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**ATCO** Structures



# LEGEND

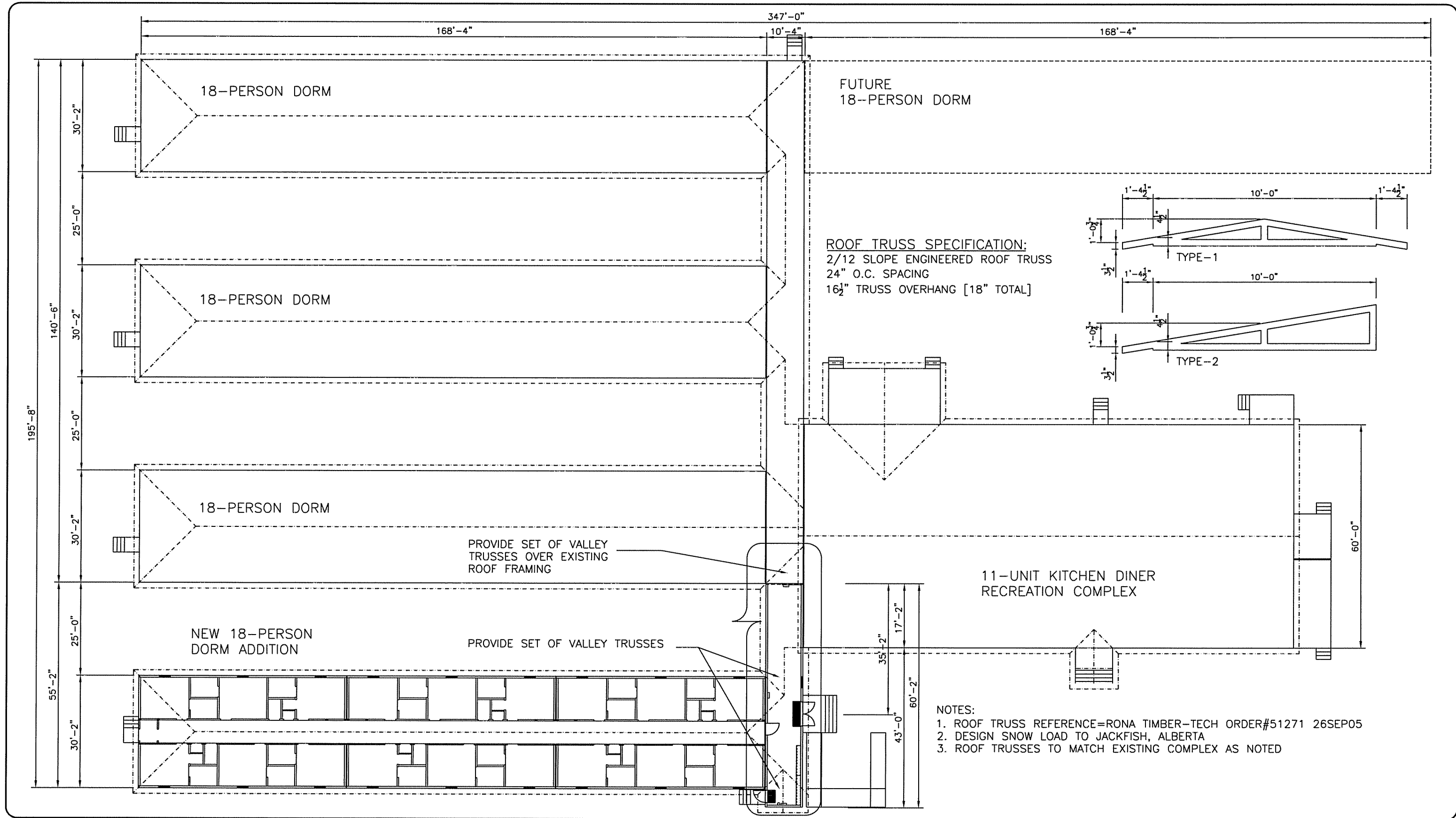
-  END OF LINE RESISTER
-  24 VDC SMOKE DETECTOR - NOTIFIER
-  HORN/STROBE COMBINATION - NOTIFIER
-  MANUAL BREAK GLASS STATION - NOTIFIER
-  EXIT LIGHT SIGN
-  COMBINATION EXIT/EMERGENCY LIGHT PACK WITH 2 HEADS 36W
-  EMERGENCY LIGHT PACK WITH 2 HEADS 36W
-  1'X4' FLUORESCENT T-BAR MTD. FIXTURE 2 LAMP



SERIAL NUMBERS  
160073987

## CEILING INSTALLATION DETAIL

|   |           |                      |    |     |      |             |    |     |     |   |           |                      |    |  |  |               |  |  |  |  |  |   |  |   |  |                               |  |
|---|-----------|----------------------|----|-----|------|-------------|----|-----|-----|---|-----------|----------------------|----|--|--|---------------|--|--|--|--|--|---|--|---|--|-------------------------------|--|
| <table border="1"> <tr> <td>REV</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CHK</td> <td>APP</td> </tr> <tr> <td>0</td> <td>10 MAR 07</td> <td>ISSUE FOR ACCEPTANCE</td> <td>SS</td> <td></td> <td></td> </tr> </table> |           |                      |    | REV | DATE | DESCRIPTION | BY | CHK | APP | 0 | 10 MAR 07 | ISSUE FOR ACCEPTANCE | SS |  |  | <p>NOTES:</p> |  | <p><b>CUSTOMER ACCEPTANCE</b></p> <p><input type="checkbox"/> - ACCEPTANCE AS DRAWN</p> <p><input type="checkbox"/> - ACCEPTANCE EXCEPT AS NOTED</p> <p>BY: <i>[Signature]</i></p> <p>DATE: <i>20 Mar 07</i></p> |  | <p>© COPYRIGHT 2000<br/>ALL RIGHTS RESERVED</p> <p>APEGGA Permit to Practice #P02312</p> <p>DRAWN BY: SS</p> <p>DATE: MAR 07</p> <p>SCALE: 1/4"=1'-0"</p> <p>CHECKED BY: _____ DATE: _____</p> <p>APPROVED BY: _____ DATE: _____</p> |  | <p>CLIENT: DEVON CANADA CORP</p> <p>PROJECT: 10' X 60' ARTIC CORRIDOR</p> |  | <p><b>INTERNAL DOCUMENT CONTROL</b></p> <p>PLANT RESUMES BY: _____ DATE: _____</p> <p>RESUME RECD BY ENG BY: _____ DATE: _____</p> <p>DRAWING TITLE: REFLECTED CEILING LAYOUT</p> <p>DRAWING NO: B-950000076-1-E03</p> <p>REVISION: 0</p> |  | <p><b>ATCO structures</b></p> |  |
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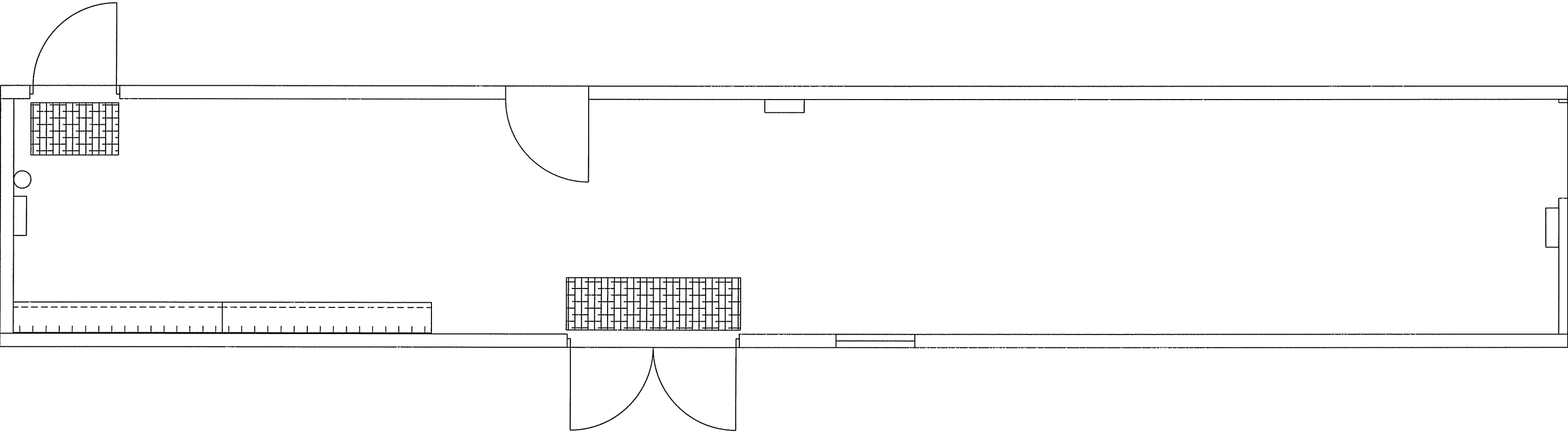
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CLIENT:  
DEVON CANADA  
10x60 ARCTIC CORRIDOR ADDITION  
JACKFISH PROJECT  
PROJECT:  
1-10x60 UNIT ARCTIC CORRIDOR

INTERNAL DOCUMENT CONTROL  
PLANT REDLINES BY: DATE:  
REDLINE REC'D BY ENG BY: DATE:  
DRAWING TITLE:  
PROJECT SITE PLAN  
COMPLEX TRUSS ROOF OUT-LINE  
DRAWING NO:  
B-950000076-1-SP01  
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**ATCO structures**





No  
Drawing Title block