

ATCO structures

CLIENT:DEVON CANADA

PROJECT:18-PERSON DORM ADDITION

LOCATION:JACKFISH, ALBERTA

ATCO PROJECT:950000066-1

DRAWING LIST:

ARCHITECTURAL:

B-950000066-1-A00TITLE PAGE

B-950000066-1-A01DORMITORY COMPLEX FLOOR PLAN

B-950000066-1-A02PRODUCTION FLOOR PLAN

B-950000066-1-A03PERMAWALK PRODUCTION PLAN

B-950000066-1-B01STEEL PERIMETER FRAME

B-950000066-1-D01TYPICAL CROSS SECTION

B-950000066-1-D02CABINETY DETAILS

B-950000066-1-SP1PROJECT SITE PLAN

B-950000066-1-XL01SPECIFICATIONS

B-950000066-1-XL02EQUIPMENT LIST

B-950000066-1-XL03DOOR/WINDOW SCHEDULES

MECHANICAL:

B-950000066-1-M01FLOOR PLAN - MECHANICAL

ELECTRICAL:

B-950000066-1-E01ELECTRICAL DISTRIBUTION LAYOUT

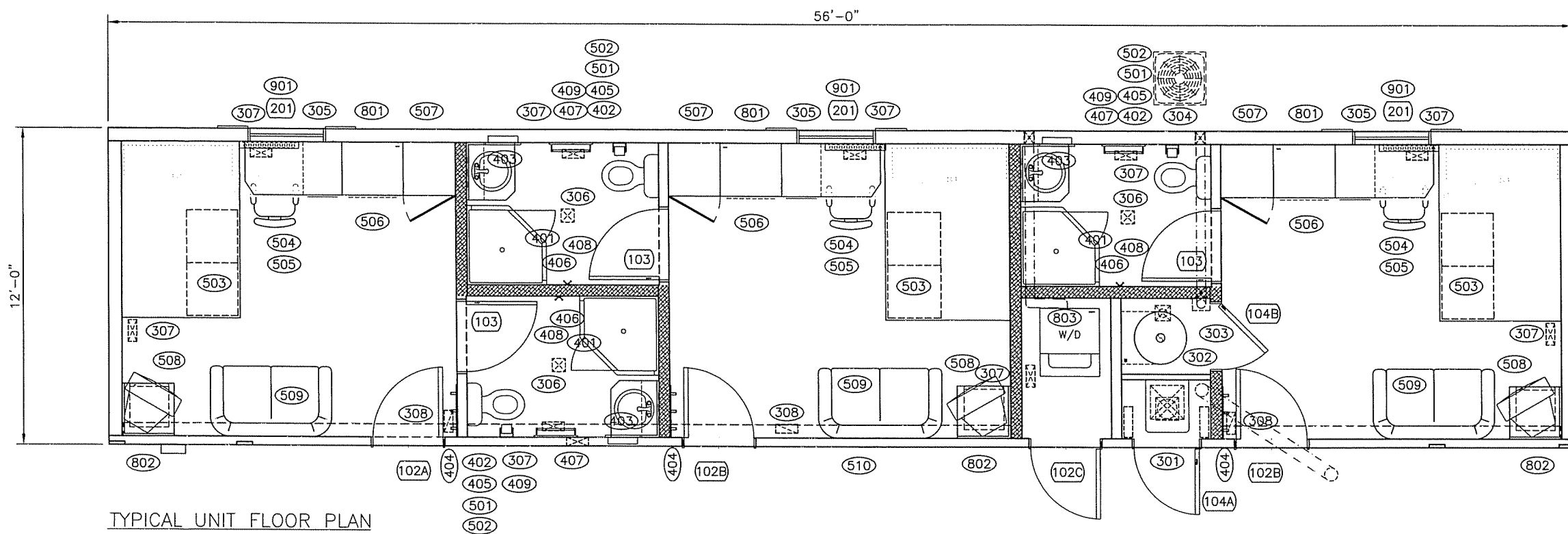
B-950000066-1-E02ELECTRICAL LAYOUT

B-950000066-1-E03FIRE ALARM LAYOUT & PERMAWALK LIGHTING

B-950000066-1-E04TELEPHONE & TV LAYOUT

Please supply pile
layout plus pile load
drawings

		CODE COMPLIANCE REVIEW:		CUSTOMER ACCEPTANCE:		CLIENT:DEVON CANADA		DRAWING TITLE:		ATCO structures
		BY: <i>EM</i>		Client Acceptance Issue		18-PERSON DORM ADDITION		TITLE PAGE		
		DATE: <i>FEB 15/07</i>		<input checked="" type="checkbox"/> - ACCEPTANCE AS DRAWN		JACKFISH PROJECT				
				<input type="checkbox"/> - ACCEPTANCE EXCEPT AS NOTED						
		STRUCTURAL REVIEW:		BY: <i>Paul</i>		DRAWN BY: EM		PROJECT:6-12x56 UNIT DORM COMPLEX		
		BY: <i>DS</i>		DATE: <i>22 Feb 2007</i>		DATE: 08FEB07				DRAWING NO:
		DATE: <i>FEB 12/07</i>				SCALE: N.T.S.				B-950000066-1-A00
						CHECKED BY: <i>ER</i>		DATE: <i>FEB 1/07</i>		REVISION
						APPROVED BY:				0
0 08FEB07		ISSUE FOR ACCEPTANCE								



CODE & DESIGN COMPLIANCE

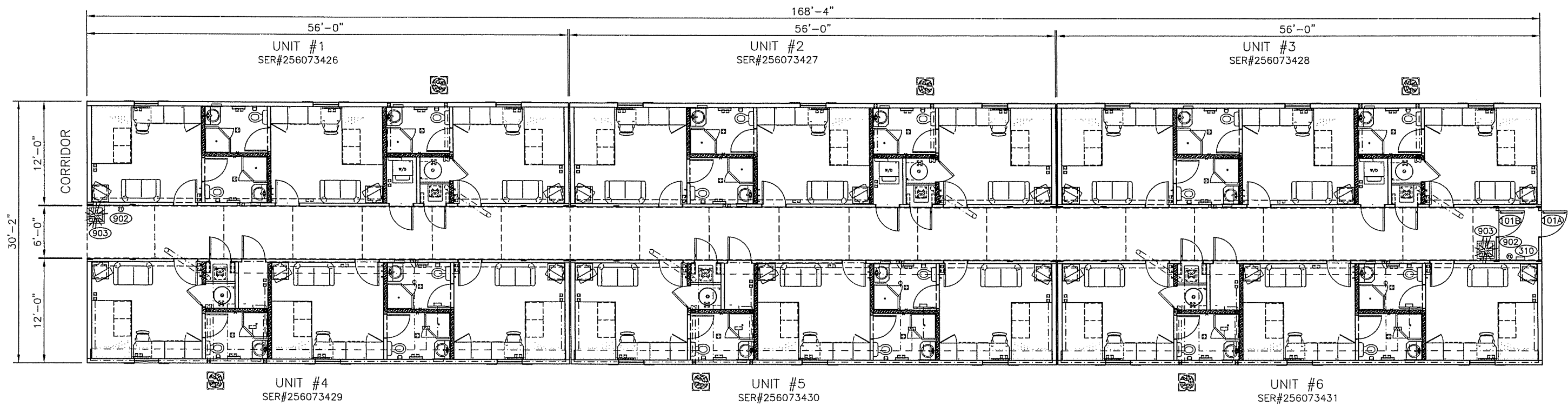
1. A.B. BUILDING CODE, PART 3 [1997]
 - a. ROOF LIVE LOAD = 42 psf
 - b. FLOOR LIVE LOAD = 50 psf
2. CANADIAN ELECTRICAL CODE [2006]
3. NATIONAL PLUMBING CODE [2005]

LEGEND

[PSSI] PLANT SUPPLIED SITE INSTALLED
 [SSSI] SITE SUPPLIED SITE INSTALLED
 [OC] ON CENTER
 [AFF] ABOVE FINISHED FLOOR
 [BSC] BELOW STRUCTURAL CEILING
 [RO] ROUGH OPENING
 [TBA] TO BE ANNOUNCED

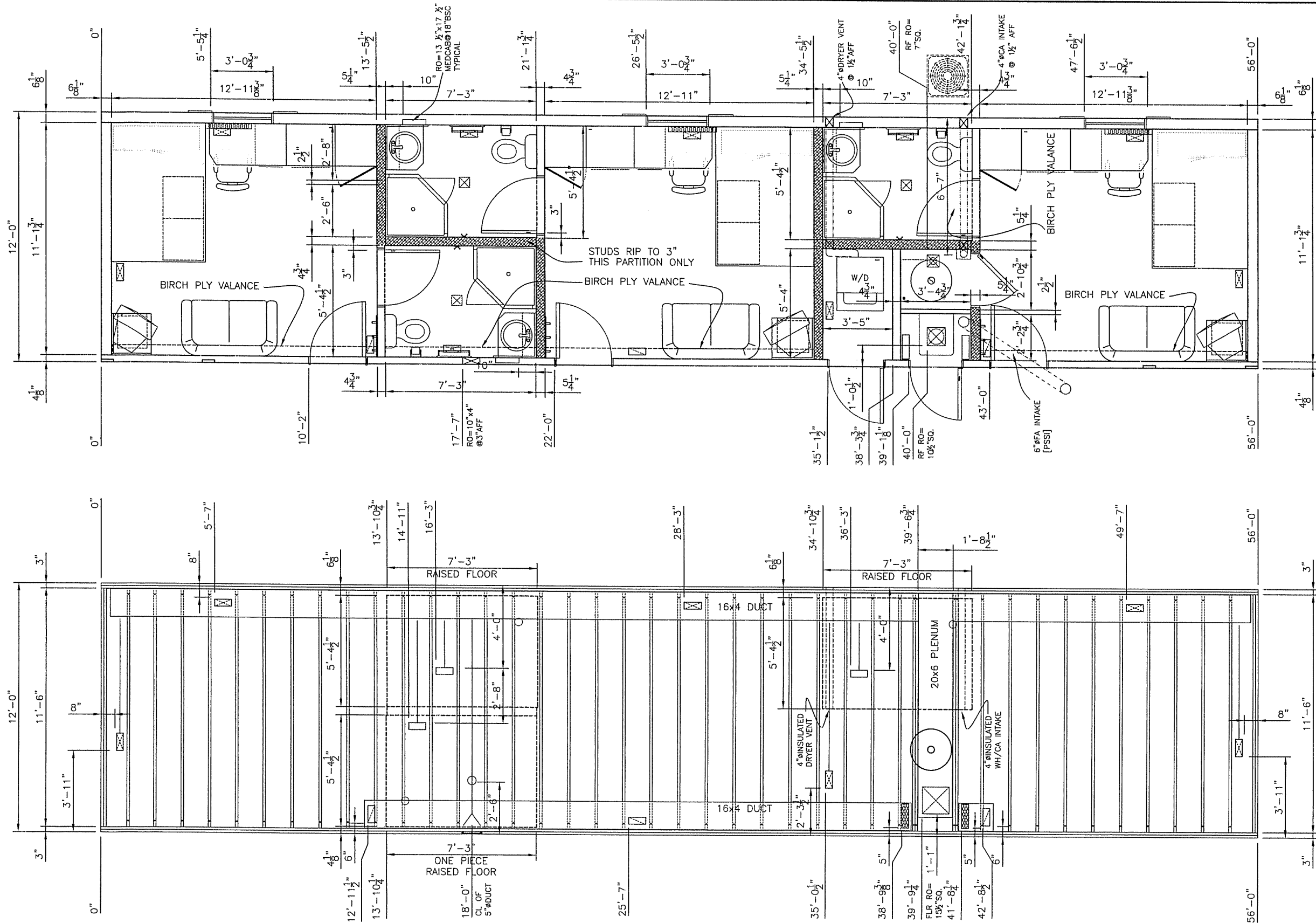
LABELS

1. ATCO MANUFACTURING LABEL
2. CSA ELECTRICAL LABEL
3. ATCO SERIAL NUMBER STENCIL
4. MBI DECAL



COMPLEX FLOOR PLAN

NOTES: Client Acceptance Issue FEB 16 2007		CUSTOMER ACCEPTANCE <input checked="" type="checkbox"/> - ACCEPTANCE AS DRAWN <input type="checkbox"/> - ACCEPTANCE EXCEPT AS NOTED BY: <i>Paul M. [Signature]</i> DATE: <i>22 Feb 2007</i>		© COPYRIGHT 2000 ALL RIGHTS RESERVED DRAWN BY: EM DATE: 31 JAN 07 SCALE: 1"=12'-0" CHECKED BY: <i>CK</i> APPROVED BY: <i>[Signature]</i>		CLIENT: DEVON CANADA 18-PERSON DORM ADDITION JACKFISH PROJECT PROJECT: 6-12x56 UNIT DORM COMPLEX		INTERNAL DOCUMENT CONTROL PLANT REDLINES BY: <i>[Signature]</i> DATE: <i>[Date]</i> REDLINE REC'D BY ENG BY: <i>[Signature]</i> DATE: <i>[Date]</i> DRAWING TITLE: DORMITORY COMPLEX FLOOR PLAN DRAWING NO: B-950000066-1-A01 REVISION 0		ATCO Structures		
0	08FEB07	ISSUE FOR ACCEPTANCE		EM								
REV	DATE	DESCRIPTION		BY	CHK	APP						



REV	DATE	DESCRIPTION	BY	CHK	APP
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NOTES:

Client Acceptance Issue

FEB 16 2007

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DATE: 22 Feb 2007

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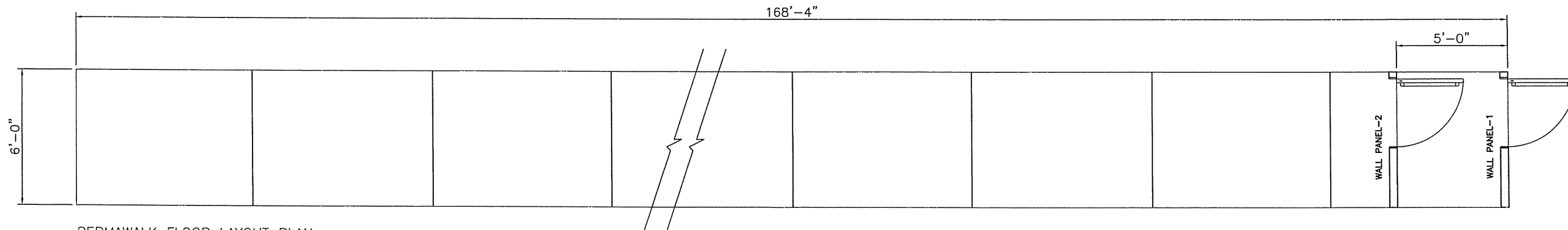
CLIENT: DEVON CANADA

18-PERSON DORM ADDITION
JACKFISH PROJECT

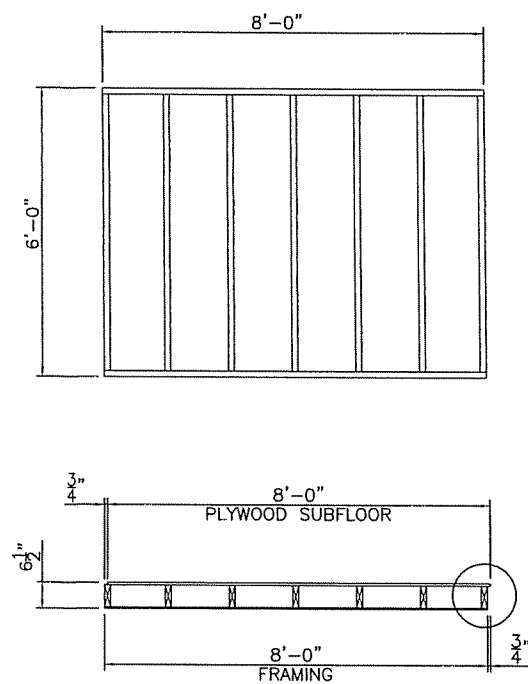
PROJECT: 6-12x56 UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL	
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REDLINE REC'D BY ENG BY:	DATE:
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DRAWING NO: B-950000066-1-A02	REVISION 0

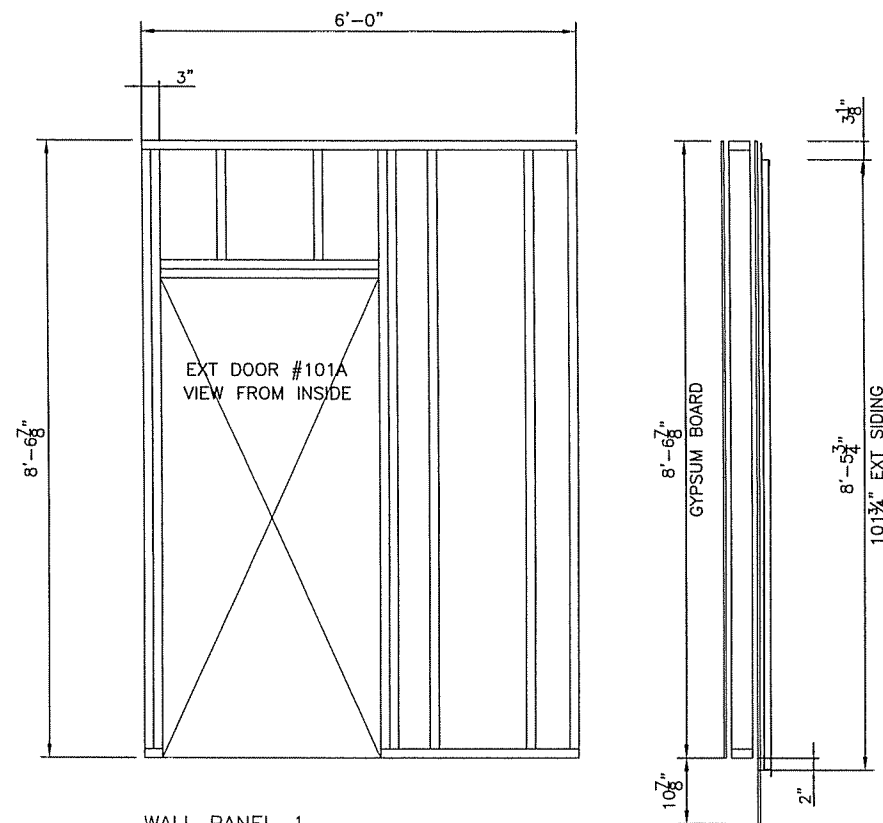




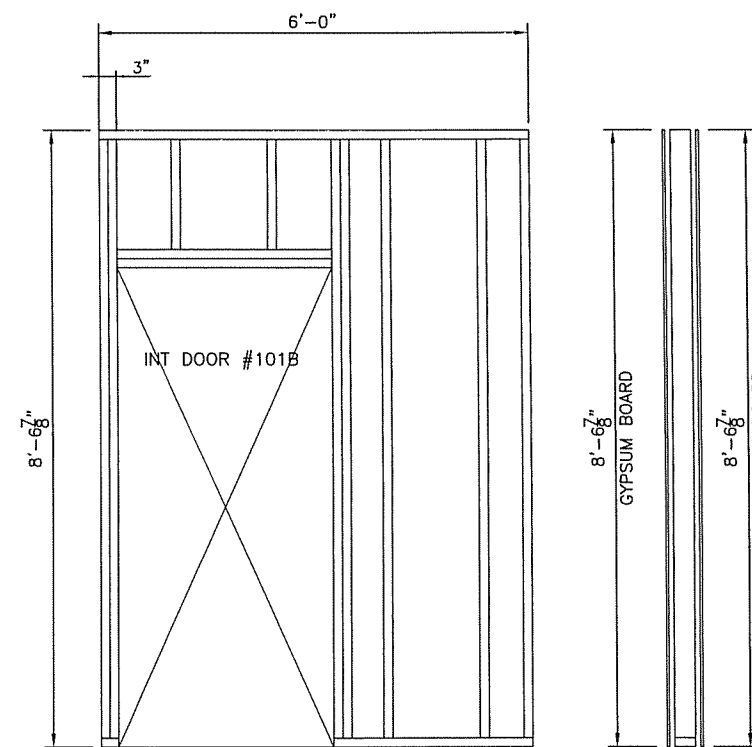
PERMAWALK FLOOR LAYOUT PLAN
NOTE: APPLY SILICONE SEALANT AROUND TOP AND
BOTTOM OF PERMAWALK FLOOR PANEL JOINTS
[FOR PERMANENT INSTALLATION]



PERMAWALK FLOOR PANEL
MAKE 21-PANEL/DORM COMPLEX
[x3-DORM COMPLEX]



WALL PANEL-1
MAKE 1-PANEL/DORM COMPLEX
[x3-DORM COMPLEX]



WALL PANEL-2
MAKE 1-PANEL/DORM COMPLEX
[x3-DORM COMPLEX]

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CLIENT:

DEVON CANADA
18-PERSON DORM ADDITION
JACKFISH PROJECT

PROJECT:

6-12x56UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL

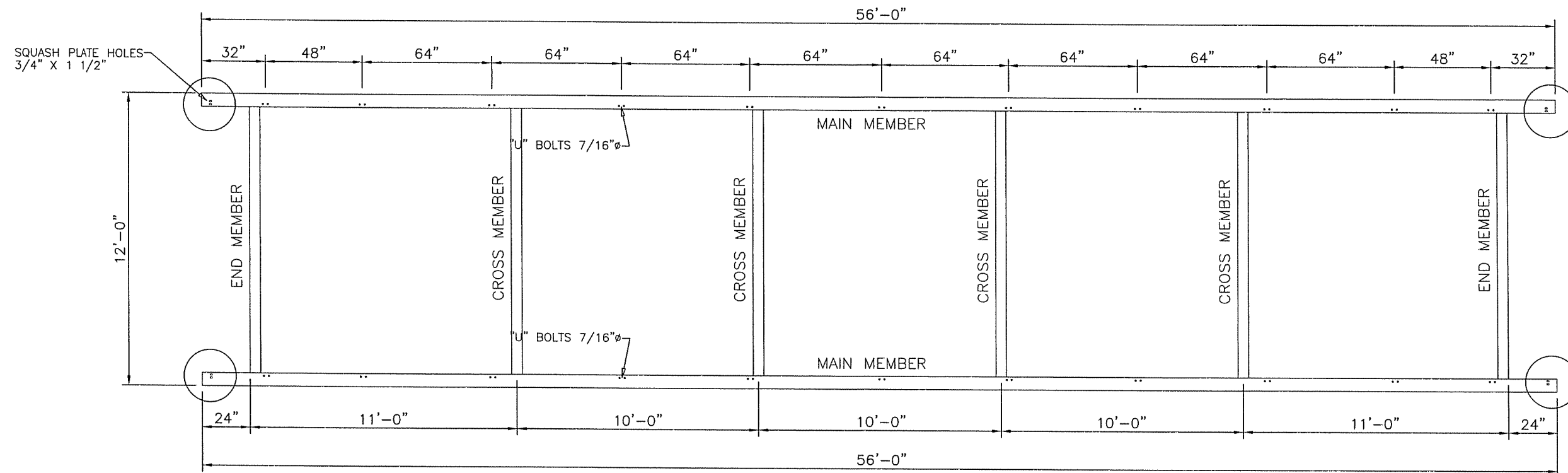
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DATE:

DRAWING TITLE:
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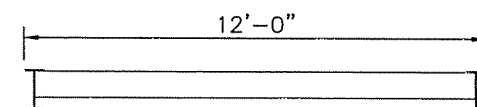
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B-950000066-1-A03

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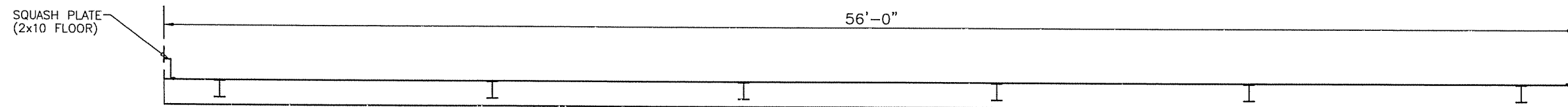
ATCO Structures



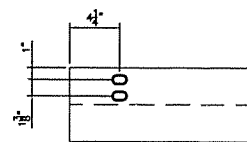
FLOOR PLAN



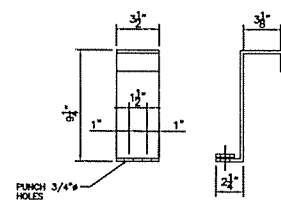
SECTION 1



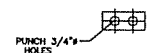
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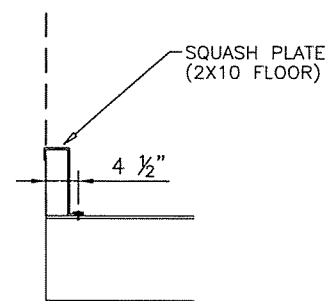
TYPICAL SQUASH PLATE BOLTING



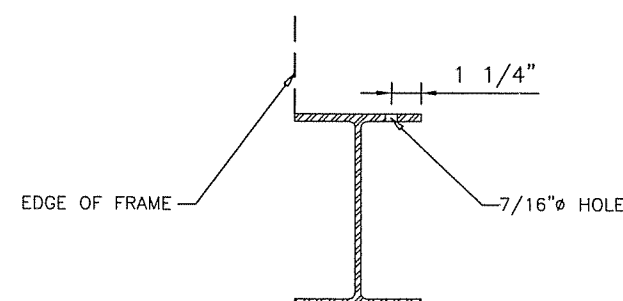
ELEVATION



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. ALL WELDED CONSTRUCTION - CSA-W59
5. REMOVE ALL FLUX, BURRS & SPLATTER
6. WIRE BRUSHED, ONE COAT-PRIMER & ONE COAT-BLACK MARINE ENAMEL PAINT
7. U-BOLT HOLES TO BE 7/16" TYPICAL

SERIAL NUMBERS

256073426	256073427	256073428	256073429	256073430	256073431

REV	DATE	DESCRIPTION	BY	CHK	APP
0	31JAN07	ISSUE FOR ACCEPTANCE/REQUISITION	EM		

NOTES:

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Paulant
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DEVON CANADA
 18-PERSON DORM ADDITION
 JACKFISH PROJECT

PROJECT:

6-12x56 UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL

PLANT REDLINES BY: DATE:

REDLINE REC'D BY ENG BY: DATE:

DRAWING TITLE:

STEEL PERIMETER FRAME

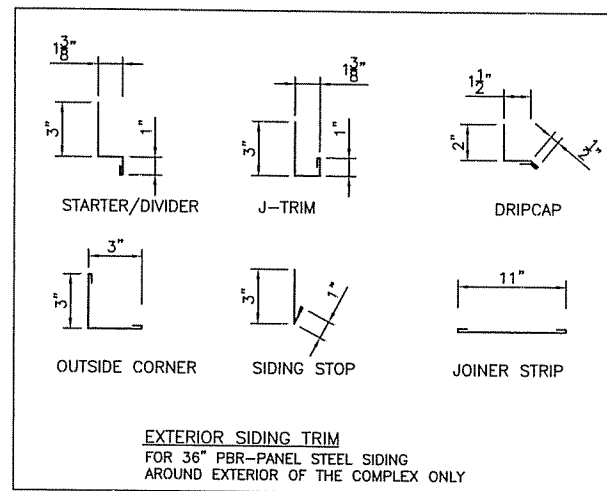
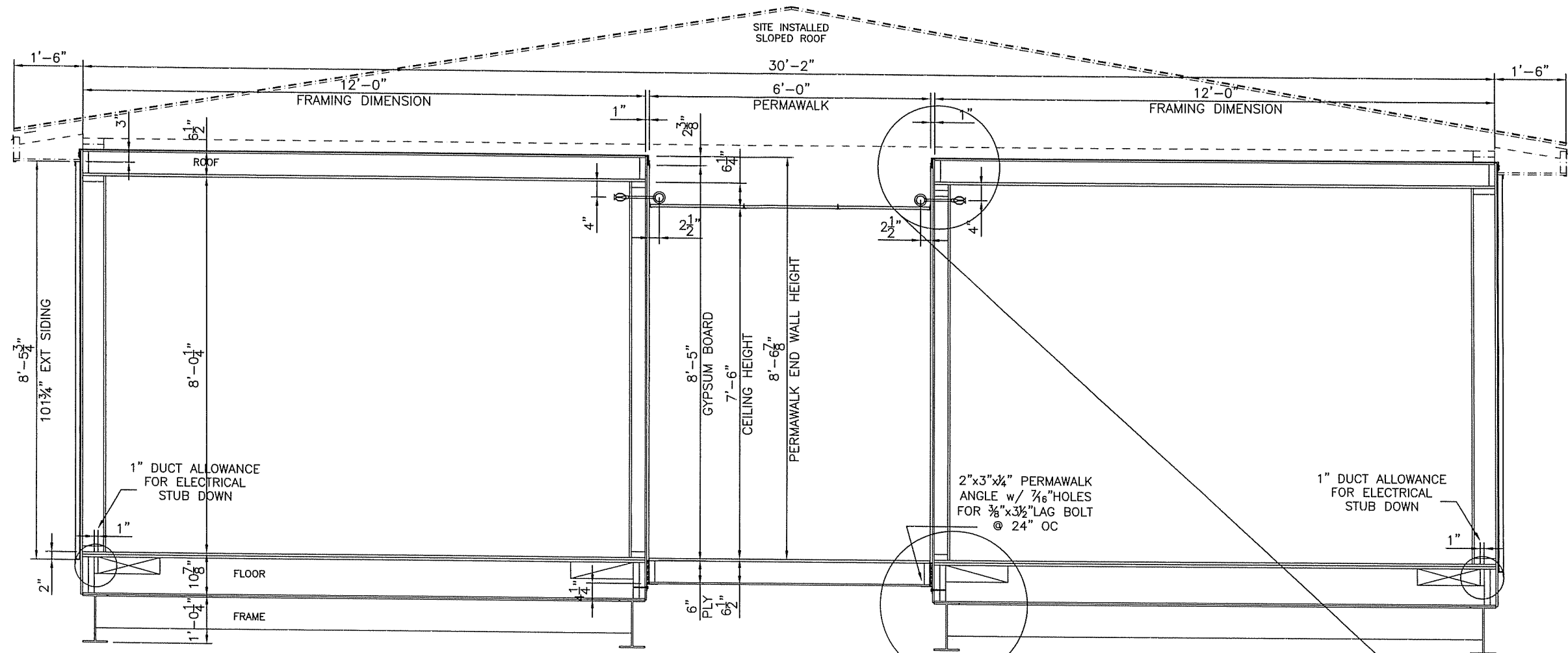
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B-950000066-1-B01

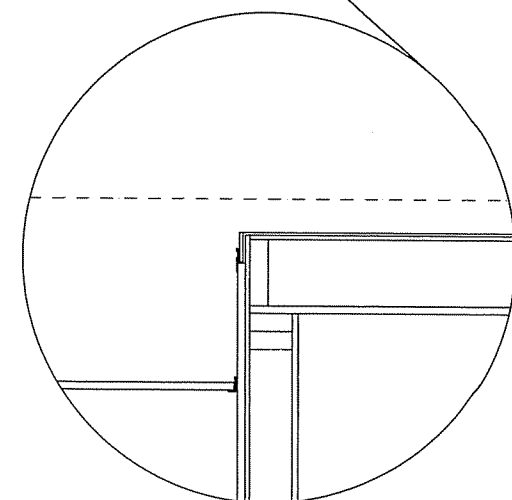
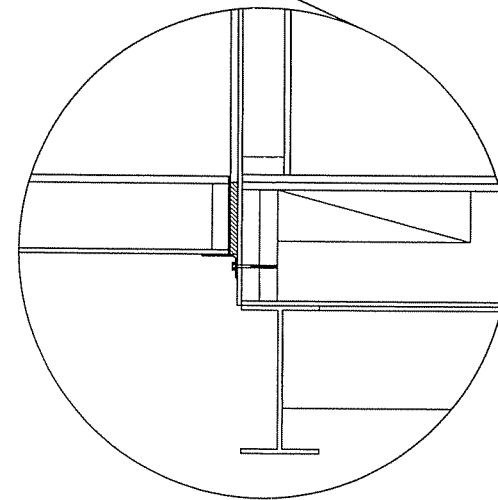
REVISION

0

ATCO Structures



- NOTE:
1. STARTER/DIVIDER - BOTTOM & TOP OF EXTERIOR SIDING
 2. J-TRIM - AROUND DOORS, WINDOWS, UNIT MATING WALLS
 3. SIDING STOP - VERTICAL EDGING AROUND OPENINGS
 4. OUTSIDE CORNER - COMPLEX OUTSIDE CORNER ONLY
 5. DRIP CAP - OVER DOORS & WINDOWS
 6. JOINER STRIP - VERTICAL MODULAR UNIT JOINER-PSSI



REV	DATE	DESCRIPTION	BY	CHK	APP
0	08FEB07	ISSUE FOR ACCEPTANCE	EM		

NOTES:

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APPROVED BY: *Paul Pat*

CLIENT:

DEVON CANADA
18-PERSON DORM ADDITION
JACKFISH PROJECT

PROJECT:

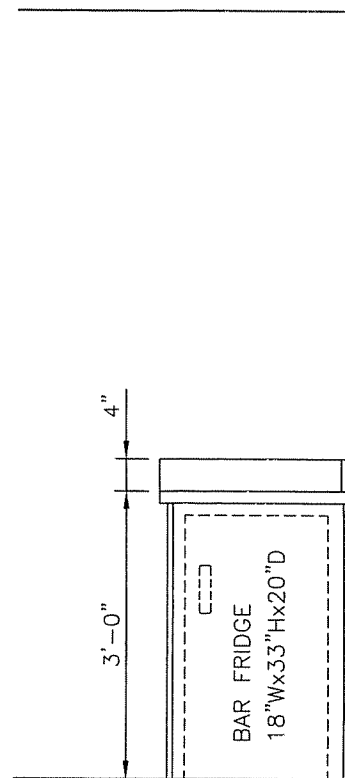
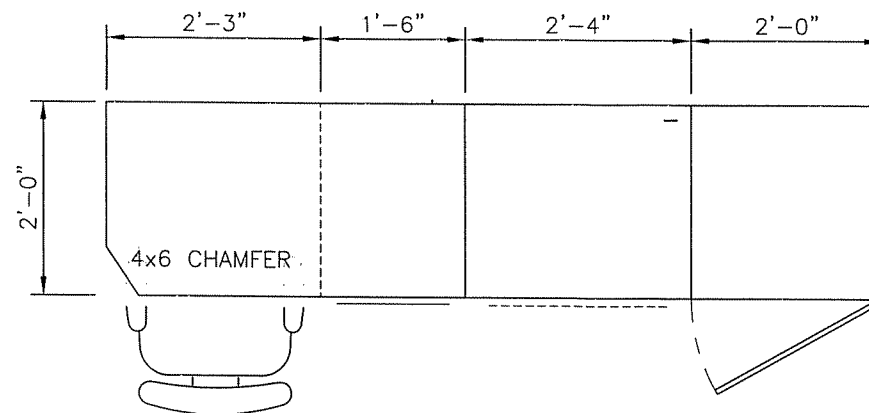
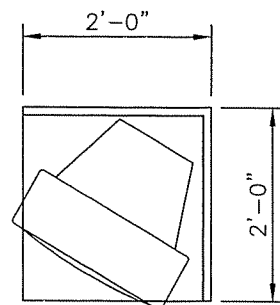
6-12x56 UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL

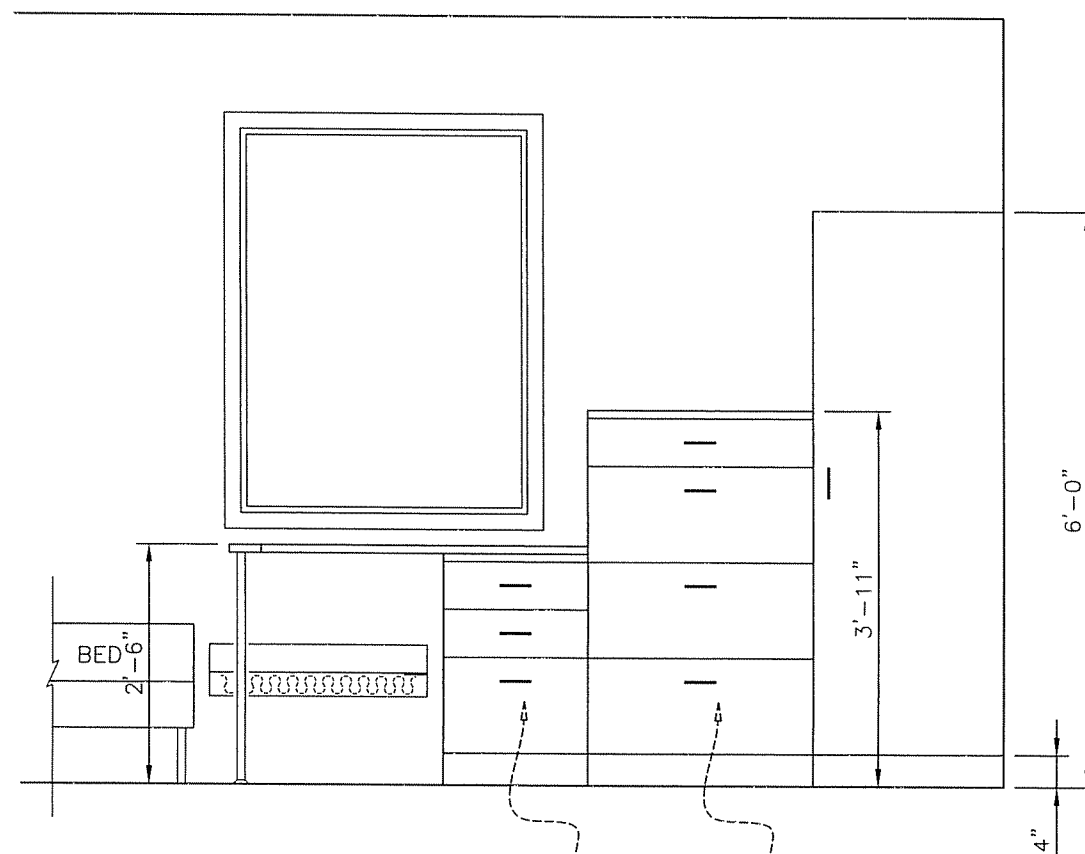
PLANT REDLINES BY:
REDLINE REC'D BY ENG BY:
DRAWING TITLE: TYPICAL CROSS SECTION

DRAWING NO: B-950000066-1-D01
REVISION: 0

ATCO Structures



ITEM #508
BUILD ONE AS SHOWN
TWO OF MIRRORED IMAGE



ITEM #504, #506 & #507
BUILD ONE AS SHOWN
TWO OF MIRRORED IMAGE
SEE BKM CB-011 FOR DETAILS OF #507

DRAWERS
2 - 6"
1 - 12"

DRAWERS
1 - 6"
3 - 12"

REV	DATE	DESCRIPTION	BY	CHK	APP
0	08FEB07	ISSUE FOR ACCEPTANCE	EM		

NOTES:

Client Acceptance Issue
FEB 16 2007

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BY: *Paul*
DATE: 22 Feb 2007

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DRAWN BY: EM
DATE: 15AUG05
SCALE: 1/2" = 1'-0"
CHECKED BY: *OK* DATE: FEB 16 2007
APPROVED BY: DATE:

CLIENT:

DEVON CANADA
18-PERSON DORMADDITION
JACKFISH PROJECT

PROJECT:

6-12x56 UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL

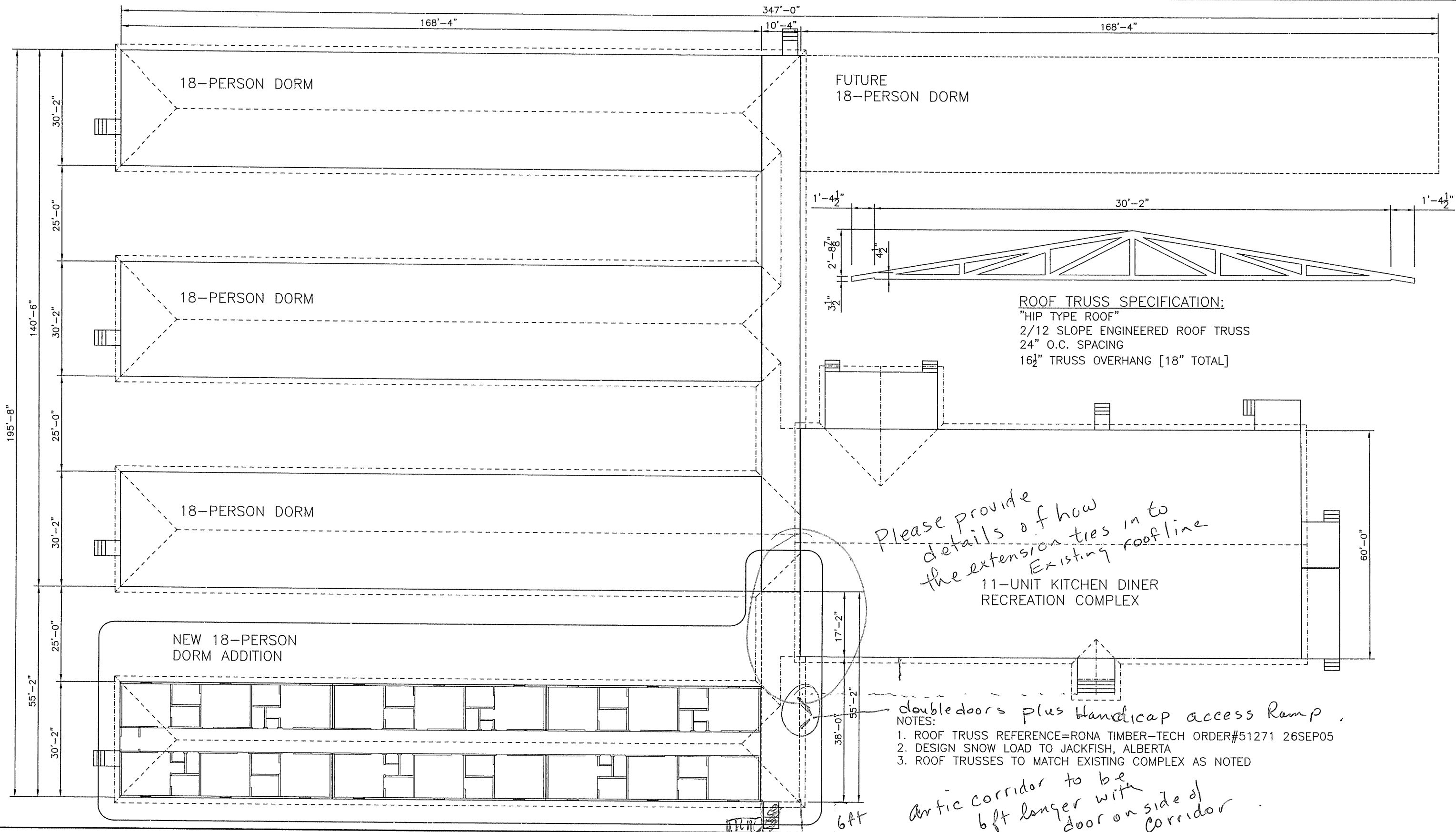
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DRAWING TITLE:

CABINETY DETAILS

DRAWING NO: B-950000066-1-D02
REVISION: 0

ATCO Structures



REV	DATE	DESCRIPTION	BY	CHK	APP
1	01FEB07	RE-ISSUE FOR SITE & ROOF TRUSS FRAMING REQUISITION	EM		
0	31JAN07	ISSUE FOR SITE & ROOF TRUSS FRAMING REQUISITION	EM		

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31 JAN 07

1"=24'-0"

22

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DEVON CANADA
 18-PERSON DORM ADDITION
 JACKFISH PROJECT

PROJECT:

6-12x56 UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL

PLANT REDLINES BY:

DATE:

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DATE:

DRAWING TITLE:

PROJECT SITE PLAN
 COMPLEX TRUSS ROOF OUT-LINE

DRAWING NO:

B-950000066-1-SP1

REVISION

1

ATCO Structures

FINISH ITEM		UNIT FINISH DESCRIPTION	SPECIFICATIONS	
INTERIOR			W-02	UNIT PERMAWALK SIDE WALL
LINO		POLYFLOR XL MUSHROOM	WALL HEIGHT	8'-0 1/4"
CARPET		TRAFFIX PLUS #5029 DESTINATION	FINISH-PERMAWALK	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
5/8" TE TYPE X GYPSUM BOARD		PAINTED GP "CAST PEBBLE" - WALLS	EXT. SHEATHING	3/8" EXT OSB, GLUED & STAPLED
5/8" TE TYPE X GYPSUM BOARD		PAINTED GP "GRAPE BEGINNINGS" - CEILING	INSULATION	3 1/2" BATT (R12), FRICTION FIT
WOOD BASE, DOORWDW TRIM		2 1/4" #356 PREFIN DRIFTWOOD	STUDS	2x4 SPF @ 16 OC
PLASTIC LAMINATE		ARBORITE P-278 MISSISSIPPI BEDROCK	VAPOUR BARRIER	6 mil POLY CGSB
BIRCH PLYWOOD		AUTUMN CHERRY	FINISH	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
BLINDS		GEORGE JACKSON #123, MAUVE	TRIM	PREFIN BASE, DOOR TRIM
			REMARKS	GYPSUM BOARD TO BE TAPED, FILLED & SANDED
EXTERIOR			W-03	TYPICAL PARTITION
Z-FLASHING STARTER		QC9260 SLATE BLUE	WALL HEIGHT	8'-0 1/4"
PBR-PANEL SIDING		QC9305 STONE GREY	FINISH	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
Z-FLASHING DIVIDER		QC9260 SLATE BLUE	STUD	2x4 SPF @ 16" OC
DRIP CAP		QC9305 STONE GREY	FINISH	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
SHIPPING ROOFING		WHITE-POND LINER	TRIM	PREFIN BASE, DOOR TRIM
COMPLEX ROOF-PSSI			REMARKS	GYPSUM BOARD TO BE TAPED, FILLED & SANDED
ASPHALT SHINGLES		GREY	W-04	BEDROOM-WASHROOM PARTITION
FASCIA		QC9260 SLATE BLUE	WALL HEIGHT	8'-0 1/4"
ROOF EDGE		QC9260 SLATE BLUE	FINISH	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
ALUMINUM SOFFIT		GREY	STUD	2x4 SPF @ 16" OC
GUTTER/DOWNSPOUT		GREY	SEALANT	SOUND GASKETS, 1/4"x4" FOAM
			INSULATION	3 1/2" BATT (R12), FRICTION FIT
			FINISH	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
			TRIM	PREFIN BASE, DOOR TRIM
			REMARKS	GYPSUM BOARD TO BE TAPED, FILLED & SANDED
FLOOR SPECIFICATIONS			W-05	SHOWER PARTITION
F-01	UNIT FLOOR		WALL HEIGHT	8'-0 1/4"
STEEL FRAME	12"WF, SEE DWG#01-B01		FINISHES	1/2" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
UNDERSHEATHING	3/8" OSB, STAPLED		STUD	2x4 SPF ON FLAT @ 16" OC
FLOOR JOISTS	2x10 SPF @ 16" O.C. w/ DOUBLE SIDES & ENDS		TRIM	PREFIN BASE, DOOR TRIM
INSULATION	6"+3.5 BATT [R20+12] , FRICTION FIT		REMARKS	GYPSUM BOARD TO BE TAPED, FILLED & SANDED
SUB-FLOOR	5/8"SELECT+5/8" STANDARD T&G PLYWOOD, GLUED, SCREWED & STAPLED, FILLED & SANDED - SEE REMARKS			
FINISH	2mm LINO, WELDED SEAM-WASHROOMS			
REMARKS	28oz CARPET-BEDROOMS			
	*6mil POLY VAPOR BARRIER BETWEEN 2-LAYER OF SUBFLOOR & ALLOW OVERLAP TO EXTERIOR WALL VAPOR VARRIER			
	5/8"SEL T&G PLY SUBFLOOR, GLUED, SCREWED-RAISED FLOOR			
WALL SPECIFICATIONS			NOTE:	<u>FASTEN ALL WALL PLATES TO WALL, TO FLOOR, TO ROOF w/ 1/4"x3" LAGBOLTS @ 16" OC</u>
W-01	UNIT EXT. WALLS		ROOF SPECIFICATIONS	
WALL HEIGHT	8'-0 1/4"		ROOFING	WHITE POND LINER w/ SBA ADHISIVE, DRIVE CLEAT PERIMETER
TOP DIVIDER	26ga PREFIN METAL - 1 3/8" Z-FLASHING		SHEATHING	3/8" OSB, SCREWED
SIDING	26ga PREFIN METAL -101 3/4" PBR-PANEL		JOIST	2x6 SPF @ 16" OC
STARTER	26ga PREFIN METAL - 1 3/8" Z-FLASHING		INSULATION	6" BATT (R20), FRICTION FIT
BUILDING PAPER	KOLOMAX ASPHALT SATURATED KRAFT TYPE PAPER		VAPOUR BARRIER	6 mil POLY CGSB
EXT. SHEATHING	3/8" OSB, GLUED & STAPLED		FINISH	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS
STUDS	2x6 SPF @ 16" O.C.		REMARKS	GYPSUM BOARD TO BE TAPED, FILLED & SANDED
INSULATION	6" BATT (R20), FRICTION FIT			
VAPOUR BARRIER	6 mil POLY CGSB			
FINISH	5/8" TE TYPE X GYPSUM BOARD, PRIMED & PAINTED 2 COATS			
TRIM	PREFIN BASE, DOORWDW TRIM			
REMARKS	GYPSUM BOARD TO BE TAPED, FILLED & SANDED			
	ALL EXT. FINISH FASTENED w/ PRE-COLORED CAP SCREWS			

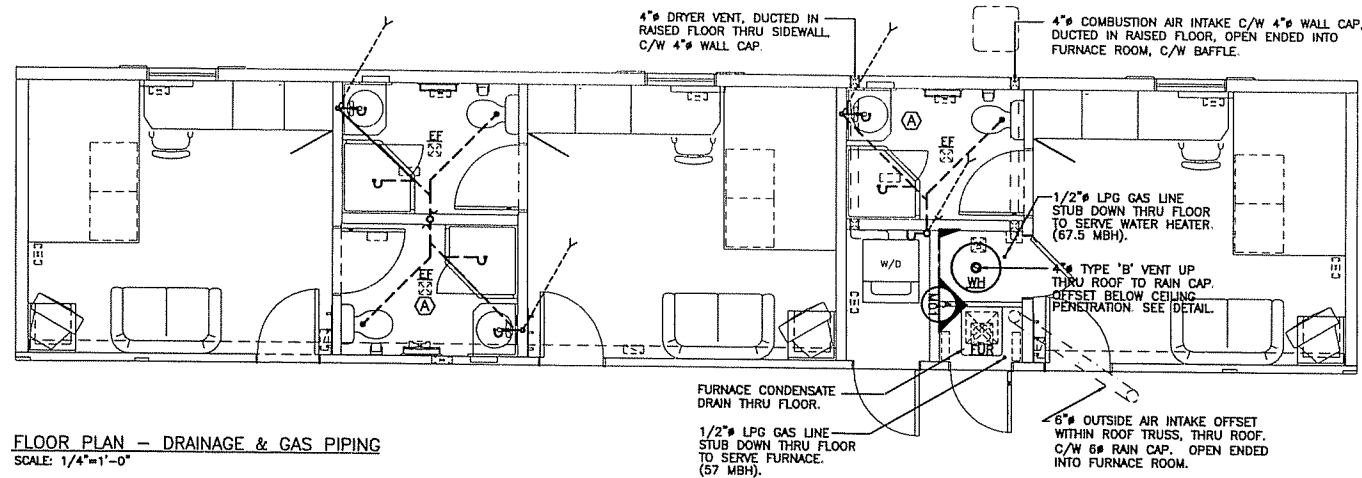
* NOTE: OSB + Gyproc joints to be staggered

NOTE: Paint on site

					NOTES:	Client Acceptance		Customer's Acceptance		© COPYRIGHT 2000 ALL RIGHTS RESERVED		CLIENT: DEVON CANADA 18-PERSON DORM ADDITION JACKFISH PROJECT		INTERNAL DOCUMENT CONTROL PLANT REDLINES BY: DATE: REDLINE REC'D BY ENG BY: DATE: DRAWING TITLE: SPECIFICATIONS [DORMITORY]		ATCO Structures	
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								By: <i>Paul MB</i>		DATE: 07-Feb-07							
								Date: <i>22 Feb 2007</i>		CHECKED BY: <i>RL</i> DATE: <i>FEB 16 2007</i>							
										APPROVED BY:		DATE:		B-950000066-1-XL01 0			
REV	DATE	DESCRIPTION	BY	CHK	APP												
0	08-Feb-07	ISSUE FOR ACCEPTANCE	EM														

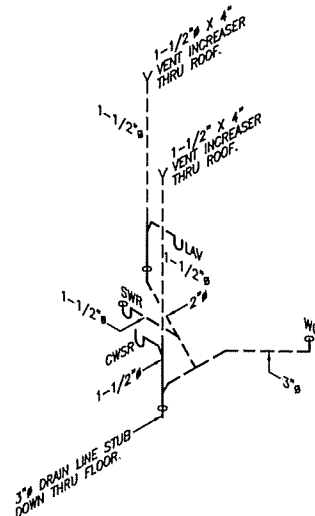
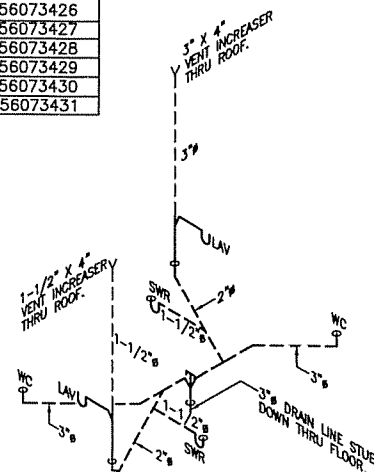
EQUIPMENT LIST					
NO.	QTY	SIZE	ITEM		
300 MECHANICAL				900 MISCELLANEOUS	
301	1	70 MBH	LPG[NG] SEALED COMBUSTION DOWN FLOW FURNACE, A/C READY, AUTO HEAT/ COOL THERMOSTAT. #MIGB70ABW, P/B#290022w/ 6" DIA FA INTAKE-THRU ROOF	901	3 42"x54" SURFACE MOUNT, VERTICAL BLINDS, VINYL-COFFEE
302	1	75 GAL	LPG[NG] WATER HEATER, JOHN WOOD JW6-75-3NCV	902	2 5 LB ABC TYPE DRY CHEMICAL FIRE EXTINGUISHER w/ BRACKET - PSSI
303	1	4" DIA	AIR INTAKE DUCT w/ BAFFLE	903	2 4'-5' HIGH SILK POTTED PLANTS - PSSI
304	1	2 TON	A/C CONDENSER, w/ LINE KIT, PAD MOUNT PSPI. #53QA-024K/#C3QA-024U		
305	3	500 W	BASEBOARD HEATER		
306	3	110 CFM	EXHAUST FAN, ROOF MTD, BROAN w/ PSSI-4" INSULATED DUCT & ROOF CAP		
307	10	10"x4"	BROWN-HEAT REGISTER w/ DAMPER		
308	3	10"x4"	BROWN-HEAT REGISTER w/o DAMPER, FOR R/A & WALL OUTLET		
310	1	2 KW	FAN FORCED AIR HEATER w/ INTEGRAL THERMOSTAT - PSSI		
400 PLUMBING					
401	3	CRANE	CRANADA, TOILET, 1.6 GAL FLUSH, CLOSED FRONT SEAT w/ COVER		
402	3	CRANE	CRANADA, BASIN, COUNTER MTD w/ WALTEC FAUCET		
403	3	36"x36"	CORNER ANGLE SHOWER, FIBREGLASS w/ GLASS ENCLOSURE		
404	3	3 HOOK	ALUM HOOK BOARD, WALL MTD @ 66" AFF		
405	3	18"x24"	MIRROR, WALL MTD w/ CLIPS WALL MOUNTED @ 16" BSC		
406	3		SINGLE TOILET PAPER HOLDER		
407	3		TOWEL BAR, SEE BKM#CB-009		
408	3	2 HOOK	ROBE HOOKS		
409	3	16x22	BL-602 MEDICINE CABINET w/ MIRROR, RECESSED MOUNT RO=13 1/2"x17 1/2" @ 18"BSC		
500 MILLWORKS					
501	3	22"x24"	PLASLAM COUNTER w/ 4" BACKSPLASH, RH SIDE SPLASH & APRON, 4" CORNER CUT, METAL LEG		
502	3	8"x24"	SHAVING SHELF, BIRCH PLYWOOD		
503	3	54"x78"	EXECUTIVE-MATTRESS ON CAPTAINS BED w/ 2-DRAWER, SEE BKM#CB-007		
504	3	24"x45"	SINGLE PEDESTAL DESK, PLASLAM TOP BIRCH PLYWOOD FINISH. SEE #D02		
505	3	HON5901	SWIVEL CHAIR w/ ARMS, FABRIC, BLACK		
506	3	24"x28"x47"	PLASLAM TOP DRAWER UNIT. SEE #D02		
507	3	24"x24"x72"	WARDROBE, 1-RH, 2-LH. SEE #D02 & BKM CB-011		
508	3	24"x24"	PLASLAM TOP w/ BACKSPLASH & CHROME LEG. SEE #D02		
509	3		LOVESEAT [27-BURGUNDY & 27-GREEN]		
510	1	4"x8"x155"	VALANCE, BIRCH PLYWOOD		
800 EQUIPMENT					
801	3	24"	TV/DVD/VCR/MP3 w/ REMOTE, RCA#24F501TDV		
802	3	3.3 CUFT	FRIDGE w/ FREEZER, WHITE, LG #GR-131 RCW, P/B #260049		
803	1	STACKING	WASHER/ DRYER, WHITE, ELECTRIC, MAYTAG #LSE7806 ADE, P/B #260621 [APPLIES TO UNIT#1, 2, 3 ONLY]		
NOTE: QUANTITIES ARE FOR ONE DORMITORY UNIT [x6 PER COMPLEX] EXCEPT ITEM #902, #903 & #310-PER COMPLEX					

NOTES:						Customer's Acceptance		© COPYRIGHT 2000 ALL RIGHTS RESERVED		CLIENT: DEVON CANADA 18-PERSON DORM ADDITION JACKFISH PROJECT		INTERNAL DOCUMENT CONTROL PLANT REDLINES BY: DATE: REDLINE REC'D BY ENG B' DATE: DRAWING TITLE: EQUIPMENT LIST [DORMITORY]		ATCO Structures
Client Acceptance						<input checked="" type="checkbox"/> ACCEPTANCE AS DRAWN <input type="checkbox"/> ACCEPTANCE EXCEPT AS NOTED		DRAWN BY: EM DATE: 07-Feb-07 SCALE: N.T.S.		PROJECT: 6-12x56 UNIT DORM COMPLEX		DRAWING NO: REVISION: B-950000066-1-XL02 0		
FEB 16 2007						By: <i>Paul</i> Date: <i>22 Feb 2007</i>		CHECKED BY: <i>PK</i> DATE: <i>FEB 9/07</i>		APPROVED BY: DATE:				
0	08-Feb-07	ISSUE FOR ACCEPTANCE	EM											
REV	DATE	DESCRIPTION	BY	CHK	APP									



FLOOR PLAN — DRAINAGE & GAS PIPING
SCALE: 1/4"=1'-0"

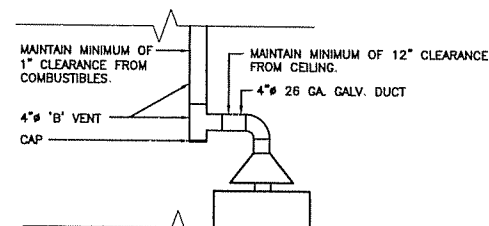
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UNIT #1	256073426
UNIT #2	256073427
UNIT #3	256073428
UNIT #4	256073429
UNIT #5	256073430
UNIT #6	256073431



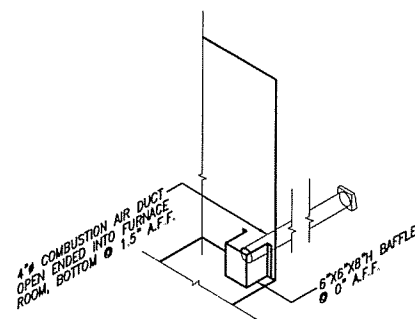
- LEGEND**
- DWV PIPING INSTALLED.
 - - - DWV PIPING INSTALLED IN RAISED FLOOR.
 - - - DWV VENT PIPING.
 - WC — WATER CLOSET
 - LAV — LAVATORY
 - SWR — SHOWER
 - CWSR — CLOTHES WASHER

DRAINAGE PIPING SCHEMATICS
— DRAIN LINES CONCEALED ABS.

MAINTAIN MINIMUM OF 1" CLEARANCE TO COMBUSTIBLES.



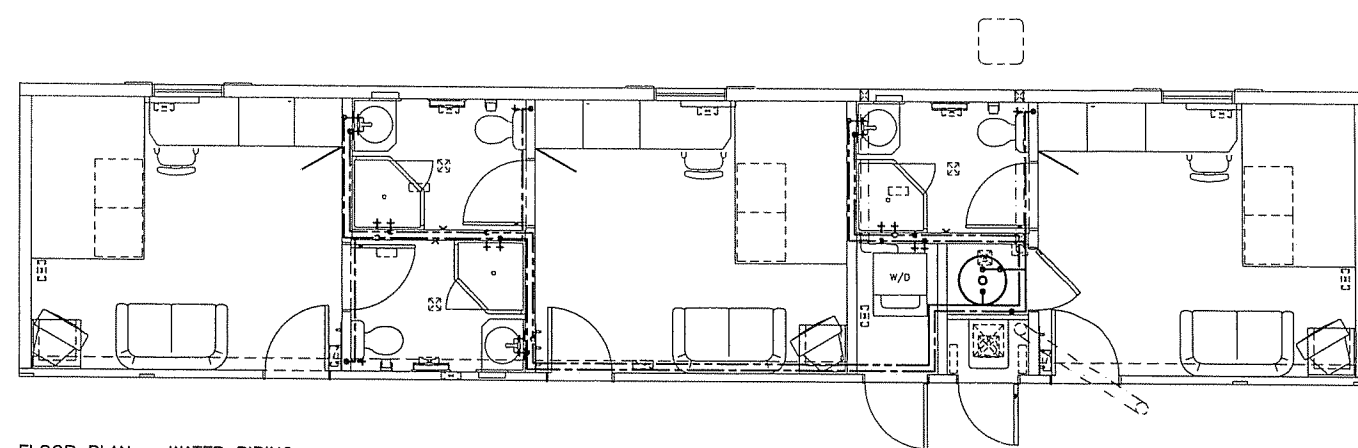
HOT WATER HEATER VENT DETAIL.
SCALE: NTS



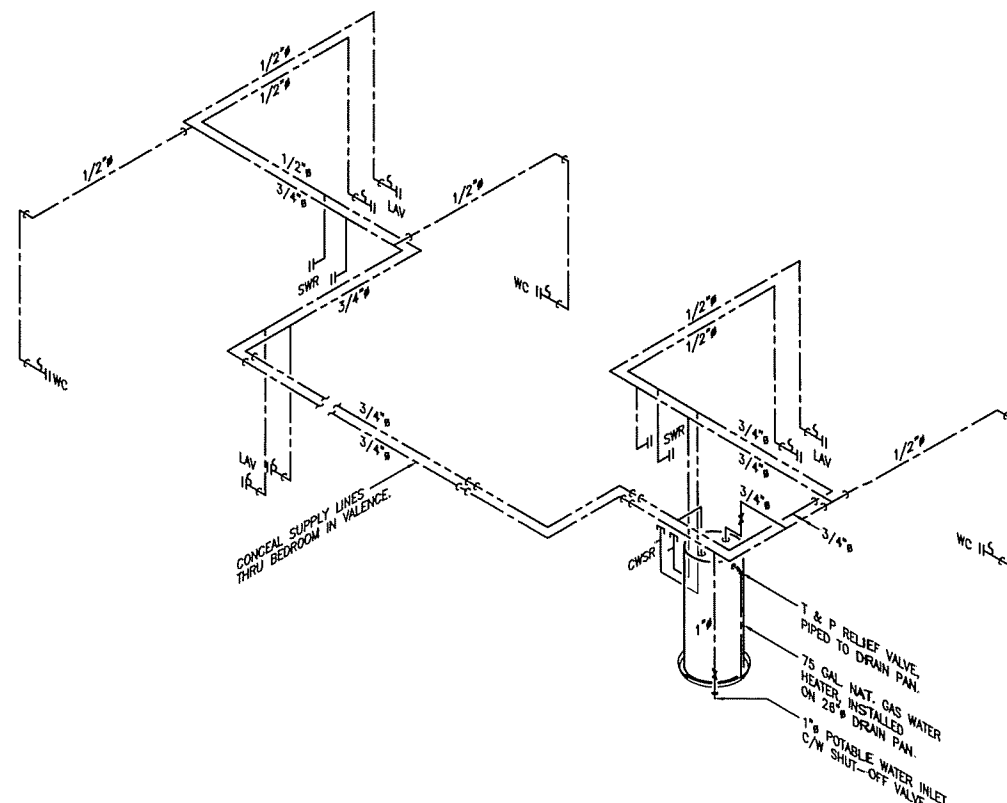
COMBUSTION AIR BAFFLE DETAIL
SCALE: NTS

MECHANICAL EQUIPMENT	
WH	LPG WATER HEATER 'JOHN WOOD' MODEL 66-75-3PCV-04 67,500 BTUH INPUT. 75 U.S. GAL. STORAGE CAPACITY 57.2 U.S. GPH RECOVERY @ 100 DEG. F. TEMP. RISE
FUR	LPG GAS-FIRED FURNACE (DOWNFLOW) 'INTERTHERM' MODEL M1GB-07DABW, SEALED COMBUSTION. CONCENTRIC VENT THRU ROOF. 70,000 BTUH INPUT / 57,000 BTUH OUTPUT 1050 CFM @ 0.30" W.C.
COND	2 TON WALL MOUNTED A/C CONDENSING UNIT MAKE/MODEL: INTERTHERM 10 SEER.
EE	WASHROOM CEILING MOUNTED EXHAUST FAN, BROAN MODEL #EC-70 70 CFM @ 0.10" S.P. / 5.5 SONES. DUCTED TO SIDE WALL BETWEEN CEILING JOISTS, C/W 4" WALL CAP.

NOTE:
— REFER TO DWG. A02 FOR IN FLOOR DUCT WORK & FLOOR GRILLE / REGISTER LOCATIONS.
— REFER TO EXCEL SHEET X01, FOR GRILLE / REGISTER SIZES.
— WASHER/DRYER IN UNITS #1,2,3 ONLY.



FLOOR PLAN — WATER PIPING
SCALE: 1/4"=1'-0"



POTABLE WATER PIPING SCHEMATIC
— WATER PIPING TO BE CONCEALED 'PEX' PIPE & FITTINGS.
— SLOPE ALL PLUMBING LINES TO DRAIN AT LOW POINTS

- LEGEND**
- COLD WATER LINE
 - - - HOT WATER LINE
 - WC — WATER CLOSET
 - LAV — LAVATORY
 - SWR — SHOWER
 - CWSR — CLOTHES WASHER

REV	DATE	DESCRIPTION	BY	CHK
0	09FEB07	ISSUE FOR ACCEPTANCE	JW	

NOTES:

Client Acceptance Issued
FEB 16 2007

CUSTOMER ACCEPTANCE

- ☒ — ACCEPTANCE AS DRAWN
- ☐ — ACCEPTANCE EXCEPT AS NOTED

BY: *[Signature]*
DATE: 22 Feb 2007

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APEGGA Permit to
Practice #P02312

DRAWN BY: JW
DATE: 09FEB07
SCALE: 1/4" = 1'-0"
CHECKED BY: RK
APPROVED BY:

CLIENT:

DEVON CANADA
18 PERSON DORM ADDITION
6 - 12x56 UNIT DORM COMPLEX

PROJECT:

6 - 12x56 UNIT DORM COMPLEX

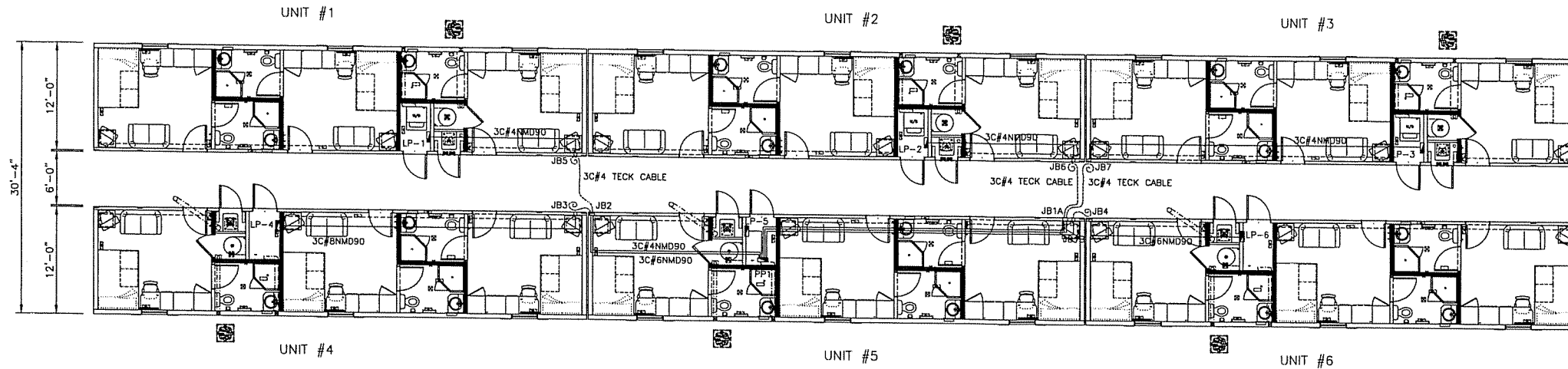
INTERNAL DOCUMENT CONTROL

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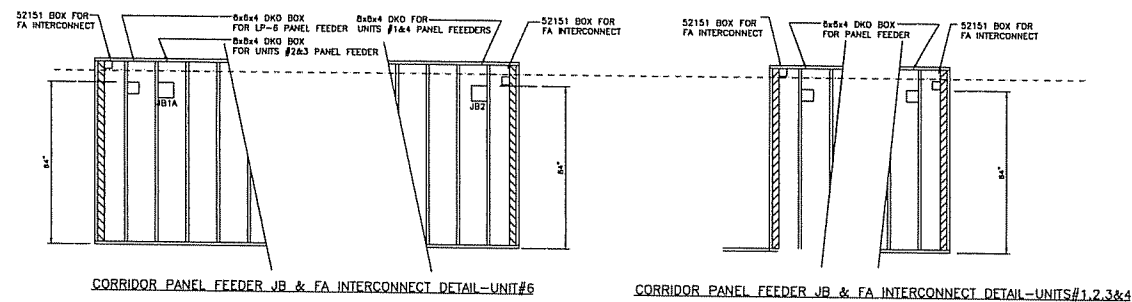
FLOOR PLAN — MECHANICAL

DRAWING NO: D-950000066-1-M01
REVISION: 0

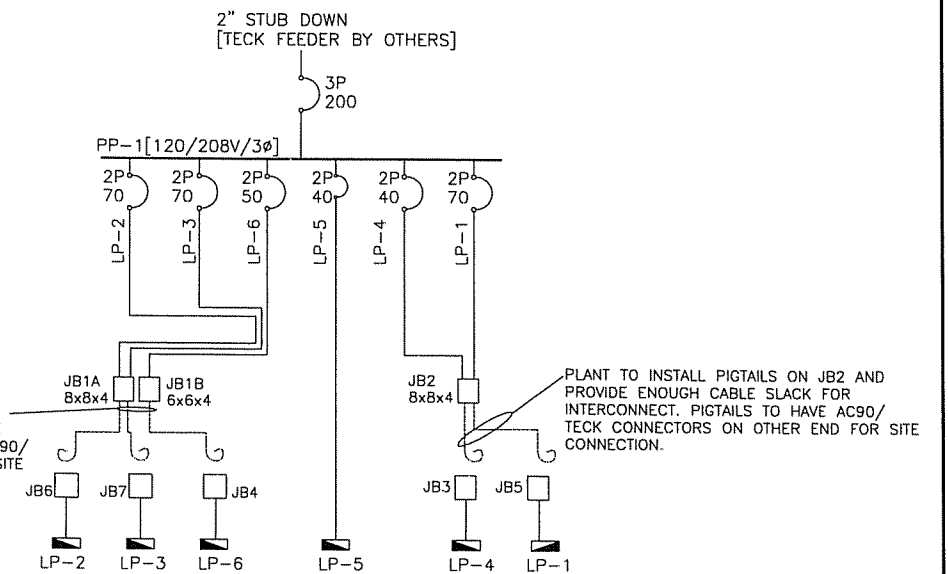
ATCO structures



SERIAL NUMBERS	
UNIT #1	256073426
UNIT #2	256073427
UNIT #3	256073428
UNIT #4	256073429
UNIT #5	256073430
UNIT #6	256073431



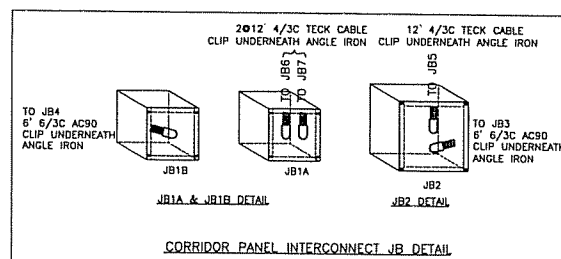
PLANT TO INSTALL PIGTAILS ON JB1 AND JB1A AND PROVIDE ENOUGH CABLE SLACK FOR INTERCONNECT. PIGTAILS TO HAVE AC90/TECK CONNECTORS ON OTHER END FOR SITE CONNECTION.



PANEL WIRING FEEDERS - BLOCK DIAGRAM

NOTES:

- ALL FEEDER WIRING WITHIN UNIT #1, #2, #3 TO BE 3C#4 NMD90.
- ALL FEEDER WIRING WITHIN UNIT #4, #5 TO BE 3C#8 NMD90.
- ALL FEEDER WIRING WITHIN UNIT #6 TO BE 3C#6 NMD90.
- ALL FEEDER WIRING IN PERMAWALK TO BE 3C#6 AC90 UNLESS SPECIFIED.
- AC90/TECK CABLE TO BE SECURED WITH CABLE CLIPS.
- ALL JB'S SHALL BE 6x6x4 DKO UNLESS OTHERWISE NOTED.



PANEL SCHEDULE							
PANEL #	PP-1	PANEL TYPE		P1B4A2-24ED			
MOUNTING SURFACE		VOLTAGE		120/208V			
TOTAL LOAD	50KW[EST. DEMAND LOAD]	PHASE:		3ø 4W			
FED FROM	BY CLIENT	MAIN BREAKER		3P200A			
FEEDER	BY CLIENT						
STUBS	2" STUB DOWN + 3ø1" EMT STUB DOWN S						
WATTS	DESCRIPTION	No	C/B	C/B	No	DESCRIPTION	WATTS
10.3kw	LP-1	1	2P	2P	2	LP-4	6.0kw
		3	70	40	4		
10.3kw	LP-2	5	2P	2P	6	LP-5	6.0kw
		7	70	50	8		
10.3kw	LP-3	9	2P	2P	10	LP-6	7.1KW
		11	70	50	12		
		13			14		
		15			16		
		17			18		
		19			20		
		21			22		
		23			24		

REV	DATE	DESCRIPTION	BY	CHK	APP
0	30JAN07	ISSUE FOR ACCEPTANCE	KL	HS	

NOTES:
Client Acceptance Issue
FEB 16 2007

CUSTOMER ACCEPTANCE

- ☒ - ACCEPTANCE AS DRAWN
- ☐ - ACCEPTANCE EXCEPT AS NOTED

BY: *Paul*
DATE: 22 Feb 2007

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DRAWN BY: KL
DATE: 30JAN07
SCALE: 1/8"=1'-0"
CHECKED BY: *KL*
APPROVED BY:

CLIENT:

DEVON CANADA
JACKFISH PROJECT

PROJECT:

18 PERSON DORM ADDITION

INTERNAL DOCUMENT CONTROL

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

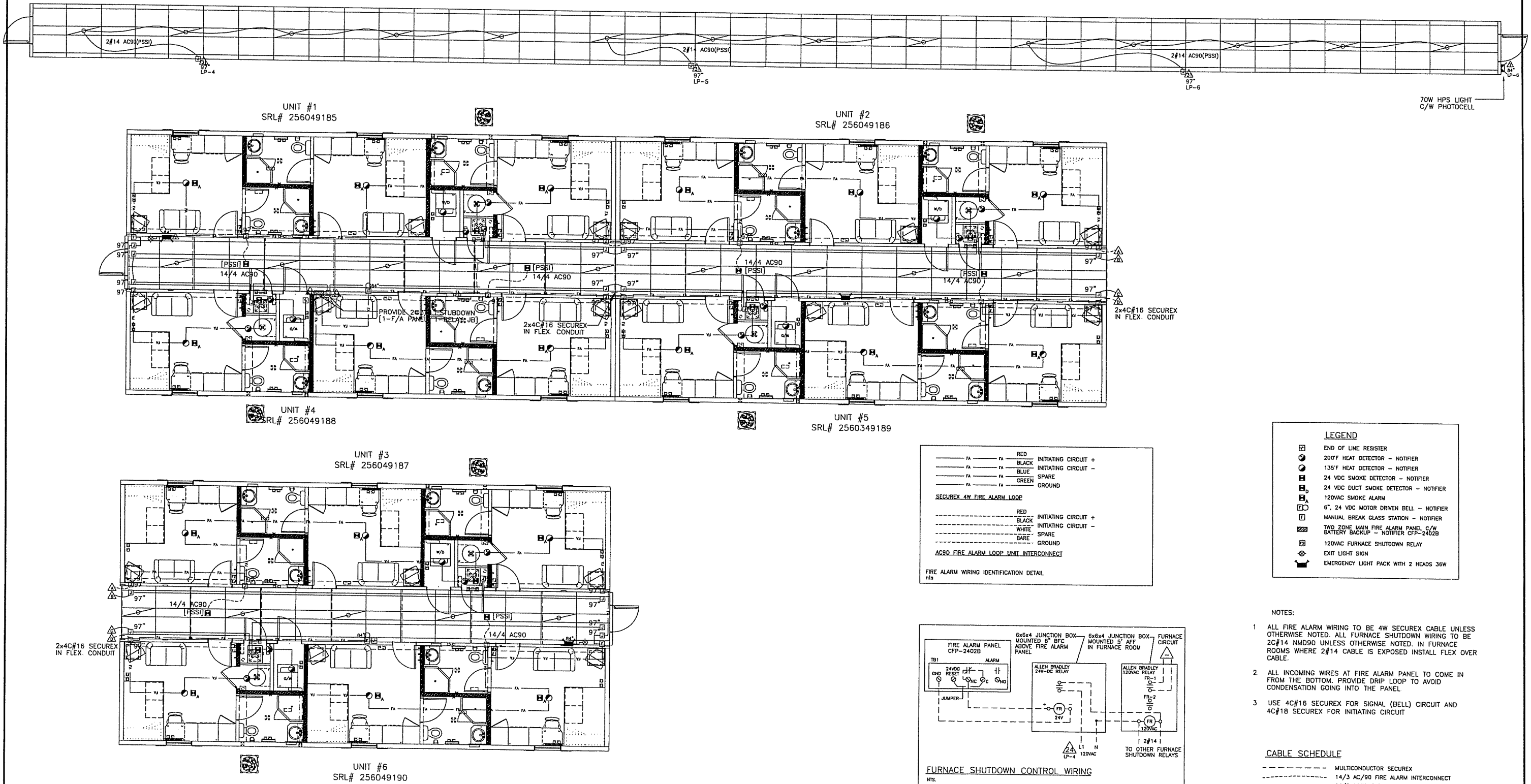
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




ELECTRICAL DISTRIBUTION LAYOUT

DRAWING NO: D950000066-1-E01
REVISION: 0

ATCO Structures

PERMAWALK 24HR LIGHTINGS(PSSI)



LEGEND	
	END OF LINE RESISTOR
	200F HEAT DETECTOR - NOTIFIER
	135F HEAT DETECTOR - NOTIFIER
	24 VDC SMOKE DETECTOR - NOTIFIER
	24 VDC DUCT SMOKE DETECTOR - NOTIFIER
	120VAC SMOKE ALARM
	MANUAL BREAK GLASS STATION - NOTIFIER
	TWO ZONE MAIN FIRE ALARM PANEL C/W BATTERY BACKUP - NOTIFIER CFP-2402B
	120VAC FURNACE SHUTDOWN RELAY
	EXIT LIGHT SIGN
	EMERGENCY LIGHT PACK WITH 2 HEADS 36W

- NOTES:
- ALL FIRE ALARM WIRING TO BE 4W SECUREX CABLE UNLESS OTHERWISE NOTED. ALL FURNACE SHUTDOWN WIRING TO BE 2C#14 NMD90 UNLESS OTHERWISE NOTED. IN FURNACE ROOMS WHERE 2#14 CABLE IS EXPOSED INSTALL FLEX OVER CABLE.
 - ALL INCOMING WIRES AT FIRE ALARM PANEL TO COME IN FROM THE BOTTOM. PROVIDE DRIP LOOP TO AVOID CONDENSATION GOING INTO THE PANEL
 - USE 4C#16 SECUREX FOR SIGNAL (BELL) CIRCUIT AND 4C#18 SECUREX FOR INITIATING CIRCUIT

CABLE SCHEDULE	
-----	MULTICONDUCTOR SECUREX
-----	14/3 AC/90 FIRE ALARM INTERCONNECT
-----	14/2 AC90 FOR FURNACE SHUTDOWN INTERCONNECT

REV	DATE	DESCRIPTION	BY	CHK	APP
0	01FEB07	ISSUE FOR ACCEPTANCE	KL	RW	

NOTES:

Client Acceptance Issued

FEB 16 2007

CUSTOMER ACCEPTANCE

BY: *Paul Let*

DATE: 22 Feb 2007

1 - ACCEPTANCE AS DRAWN

1 - ACCEPTANCE EXCEPT AS NOTED

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DRAWN BY: KL

DATE: 01FEB07

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

CHECKED BY: PK

APPROVED BY: *PK*

DATE: FEB 9 2007

CLIENT: DEVON CANADA

18 PERSON DORM ADDITION

JACKFISH PROJECT

PROJECT: 6-12x56 UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL

PLANT REDLINES BY: DATE:

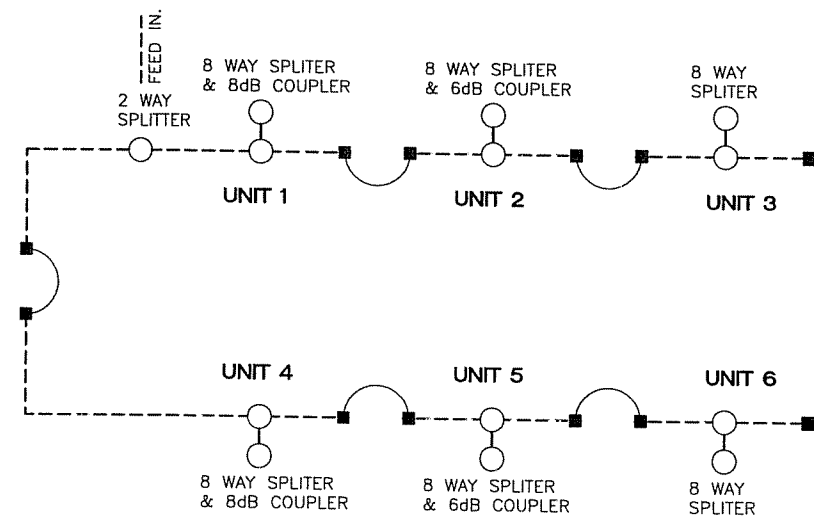
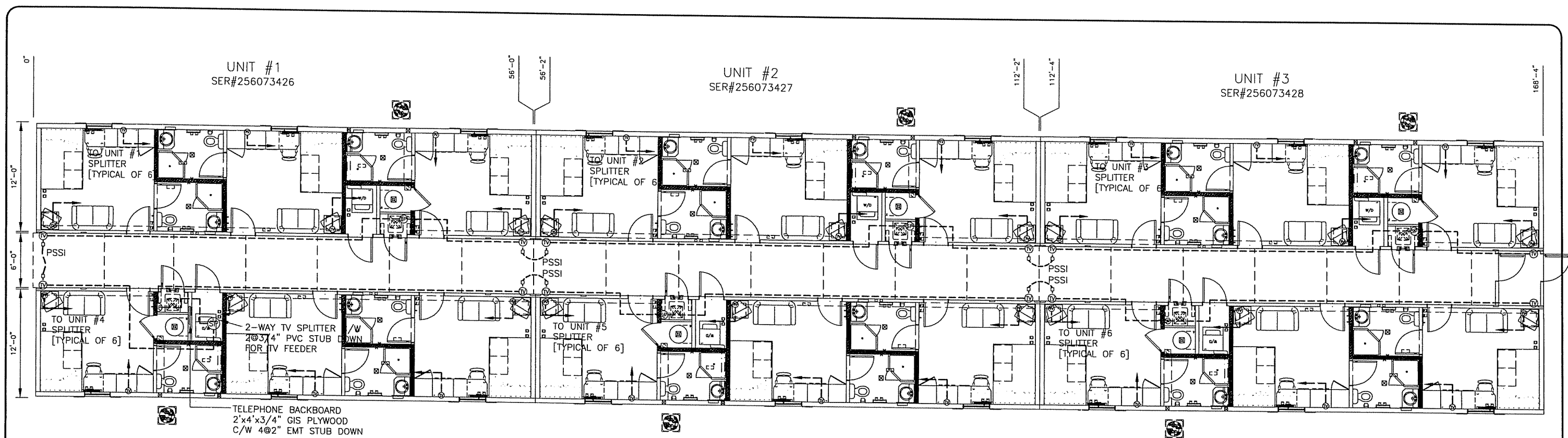
REDLINE REC'D BY ENG BY: DATE:

DRAWING TITLE: FIRE ALARM LAYOUT & PERMAWALK LIGHTINGS

DRAWING NO: D950000066-1-E03

REVISION: 0





SCHEMATIC TELEVISION RISER

NOTES:

1. PROVIDE 610MTR CAT5E TEL/DATA CABLE FOR SITE INSTALLATION TO TEL/DATA OUTLETS. SHIP LOOSE.
2. TELEVISION OUTLETS TO BE WIRED WITH RG-6 COAX CABLE BACK TO FURNACE ROOM AND INSTALLED INTO 8-WAY SPLITTER.
3. EACH TELEVISION OUTLET C/W PLATE AND F8 CONNECTOR.
4. PROVIDE A TV OUTLET CONNECTION AT EACH END OF EACH UNIT FOR TV CABLE INTERCONNECTION. OUTLETS TO CONSIST OF AN 1104 BOX C/W WHITE C/P & F8 CONNECTOR. OUTLETS TO BE LOCATED DIRECTLY BELOW THE FA INTERCONNECT OUTLET (@ APPROX. 98" AFF) AND MOUNTED HORIZONTALLY.
4. PROVIDE INTERCONNECT JUMPERS FOR TV CABLE BETWEEN. JUMPERS SHALL CONSIST OF RG-6 COAX CABLE C/W AN RG-6 CONNECTOR AT EITHER END. CABLE LENGTHS SHALL BE AS FOLLOWS:

(a) 5'0" BETWEEN UNITS 1-2, 2-3, 4-5 AND 5-6.

(b) 10'0" BETWEEN UNIT 1-4.

REV	DATE	DESCRIPTION	BY	CHK	APP
0	01FEB07	ISSUE FOR ACCEPTANCE	KL		

NOTES:

Client Acceptance Issue
FEB 16 2007

CUSTOMER ACCEPTANCE

- ☒ - ACCEPTANCE AS DRAWN
☐ - ACCEPTANCE EXCEPT AS NOTED

BY: *Paul H. [Signature]*
DATE: 22 Feb 2007

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DRAWN BY: KL
DATE: 01FEB06
SCALE: 3/16" = 1'-0"
CHECKED BY: *CK*
APPROVED BY: *Paul H. [Signature]*

CLIENT:

DEVON CANADA
18 PERSON ADDITION
JACKFISH PROJECT

PROJECT:

6-12x56 UNIT DORM COMPLEX

INTERNAL DOCUMENT CONTROL

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

TELEPHONE & TV LAYOUT

DRAWING NO: D950000066-1-E04
REVISION: 0

ATCO Structures