

WILLIAMS SCOTSMAN

FLEET

36' x 60' KITCHEN/DINER

ARCHITECTURAL		
DWG NO	REV	DRAWING TITLE
A00	B	SPECIFICATIONS
A01	B	COMPLEX FLOOR PLAN
A02	B	UNIT #1 FLOOR PLAN
A03	B	UNIT #2 FLOOR PLAN
A04	B	UNIT #3 FLOOR PLAN
A05	B	ELEVATIONS
B01	B	SKID FRAME
F01	B	FOUNDATION LAYOUT
F02	B	FOUNDATION DETAILS

ELECTRICAL		
DWG NO	REV	DRAWING TITLE
E01	B	UNITS 1, 2, 3 LIGHTING
E02	B	UNITS 1, 2, 3 POWER & SYS.
E03	B	EQUIPMENT SCHEDULES
E04	B	PANEL SCHEDULES

MECHANICAL		
DWG NO	REV	DRAWING TITLE
M01	B	UNITS 1, 2, 3 HVAC
M02	B	UNITS 1, 2, 3 WATER PIPING
M03	B	UNITS 1, 2, 3 DRAINAGE
M04	B	WATER PIPING & DRAIN SCHEM.
M05	B	SPECIFICATIONS

**WILLIAMS SCOTSMAN
OF CANADA INC**

JANUARY 1, 2006

STRUCTURAL

MODULAR WOOD FRAMED UNIT, FULLY ERECTED IN MANUFACTURING FACILITY.

FLOORS

LUMBER - KILN DRIED, SPF #2 OR BETTER.

SKID FRAME - 3 MEMBER STEEL SKID AS PER DWG B01

UNDERSHEATHING - 3/8" OSB SHEATHING, GLUED & STAPLED.

JOISTS & PLATES - 2x10 SPF @16" O.C. c/w
c/w DOUBLE SIDE AND DOUBLE END PLATES.

INSULATION - FIBERGLASS (R-20)

SUBFLOOR - 5/8" SELECT TONGUE & GROOVE PLYWOOD OVER 1/2" BUTT JOINT. GLUED, SCREWED & STAPLED.
FILLED & SANDED AS REQUIRED FOR FLOOR COVERING APPLICATION.

FLOOR COVERING - 2.0mm POLYFLOR WITH WELDED SEAMS, WAX TO SEAL FLOOR IN FACTORY

WALLS

(FROM EXTERIOR TO INTERIOR)

STRUCTURAL CEILING HEIGHT - 8'-0 1/4"

FINISHED CEILING HEIGHT - 8'-0 1/4"

FINISH - PRE-FINISHED, 8 3/4" STARTER STRIP c/w 1/2" RETURN UNDER FLOOR
DELUXE MESA SPLIT SIDING w/ F-105 SIDING DIVIDER
F-105 TOP DIVIDER
12 3/4" > 8 3/4" (HORIZONTAL)

SHEATHING - 3/8" OSB EXTERIOR, GLUED & STAPLED.

STUDS & PLATES - 2"x6" SPRUCE, 16" o/c. COMPLEX PERIMETER
- 2"x4" SPRUCE, 16" o/c. MATING WALLS, EXCEPT COOLER/FREEZER IS 2x6

INSULATION - 5 1/2" (R20) FIBERGLASS BATT FRICTION FIT COMPLEX PERIMETER except
- (R25) FOAM IN PLACE TO COOLER/FREEZER

VAPOR BARRIER - 6 MIL. POLYETHYLENE.

FINISH - FRP BOARD OVER 1/2" FIRE GUARD GYPROC TO KITCHEN & MECH ROOM
FRP BOARD OVER 3/8" OSB TO COOLER/FREEZER
1/2" VINYL COVERED FIREGUARD GYP TO DINING

TRIM - PREFINISHED 4" RUBBER BASE
- VINYL COVERED, MATCHING COVE AND DIVIDER MOLDING.

SHOP NOTE: LAG ALL INTERIOR WALLS TO FLOOR/ROOF AT 32" O/C 3/8" DIAM X 3" LG
LAG ALL EXTERIOR WALLS TO FLOOR/ROOF AT 24" O/C X 3/8" DIAM X 3" LG

PARTITIONS

STUDS & PLATES - 2"x4" SPRUCE, 16" o/c except
2"x6" SPRUCE, 16" o/c TO COOLER/FREEZER

FINISH - FRP BOARD OVER 1/2" FIRE GUARD GYPROC TO KITCHEN & MECH ROOM
FRP BOARD OVER 3/8" OSB TO COOLER/FREEZER
1/2" VINYL COVERED FIREGUARD GYP TO DINING

SHOP NOTE: LAG ALL INTERIOR WALLS TO FLOOR/ROOF AT 32" O/C 3/8" DIAM X 3" LG
LAG ALL EXTERIOR WALLS TO FLOOR/ROOF AT 24" O/C X 3/8" DIAM X 3" LG

ROOF

(FROM EXTERIOR TO INTERIOR)

FINISH - .045 MIL, FULLY ADHERED, EPDM MEMBRANE c/w ALUMINUM TERMINATION BAR,

SHEATHING - 15/32" O.S.B., SCREWED AND SANDED.

WEDGES - 1 1/2" < 5 1/2" > 1 1/2" LONGITUDINAL @ 24" O.C.

JOISTS & PLATES - 2"x8" @ 16 o/c.

INSULATION - FIBERGLASS BATT. FILL ENTIRE CAVITY except
5" FOAM IN PLACE TO COOLER/FREEZER

VAPOR BARRIER - 6 MIL. POLYETHYLENE.

FINISH - FRP BOARD GLUED OVER 1/2" FIRE GUARD GYPROC TO KITCHEN & MECH ROOM
1/2" VINYL COVERED FIREGUARD GYPROC GLUED OVER 3/8" OSB TO BALANCE

CODE COMPLIANCE

THE PROPOSED BUILDING MUST COMPLY WITH THE ALBERTA BUILDING CODE AND SAFETY REGULATIONS.
THE ELECTRICAL DESIGN MUST MEET THE CANADIAN STANDARDS ASSOCIATION - ELECTRICAL CERT.
THE PLUMBING DESIGN MUST MEET APPLICABLE PROVINCIAL PLUMBING REGULATIONS.
THE HEATING DESIGN MUST MEET ALL APPLICABLE PROVINCIAL GAS PROTECTION REGULATIONS.
STRUCTURAL - "ALBERTA BUILDING CODE 1997, PART 9"
ELECTRICAL - "CANADIAN ELECTRICAL CODE 2002"
GAS/PLUMBING - "GAS CODE - CAN/CGA-B149.1-M2000"
ALBERTA BUILDING REGULATIONS - "PART 10 LABELED"

TERMINOLOGY

AFF = ABOVE FINISHED FLOOR (BOTTOM OF RO)
BSC = BELOW STRUCTURAL CEILING (TOP OF RO)
BFC = BELOW FINISHED CEILING (TOP OF RO)

GENERAL NOTES

MODULAR FIRE RATINGS TO BE VERIFIED/CONFIRMED BY CLIENT
CLIENT IS RESPONSIBLE TO ENSURE COMPLEX MEETS LOCAL FIRE CODE & RATING BASED ON LOCATION

FINISH SCHEDULE

POLYFLOR XL - 9340 POLAR GREY
SIDING STARTER - WHITE
SIDING & SIDING DIVIDER - WHITE
FASCIA DIVIDER - MEDIUM GREEN
FASCIA - MEDIUM GREEN
VC GYPSUM BOARD - TORTOISE
CEILING VC GYPSUM BOARD - ADOBE
EXTERIOR DOORS - WHITE INSIDE & OUTSIDE
INTERIOR DOORS - MAPLE
DOOR TRIM - MAPLE
WINDOW JAMB & CASING - MAPLE
BASEBOARD - FLEXCO WF-03 CHARCOAL

DESIGN LOADS

ROOF LIVE LOAD = 42 psf
ROOF DEAD LOAD = 10 psf
FLOOR LIVE LOAD = 100 psf
FLOOR DEAD LOAD = 15 psf

B	01/01/06	ISSUE FOR CONSTRUCTION
A	12/12/05	ISSUE FOR REVIEW
No:	Date:	Revision:

WILLIAMS SCOTSMAN
OF CANADA, INC.
CALGARY ALBERTA CANADA

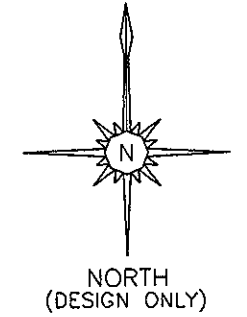
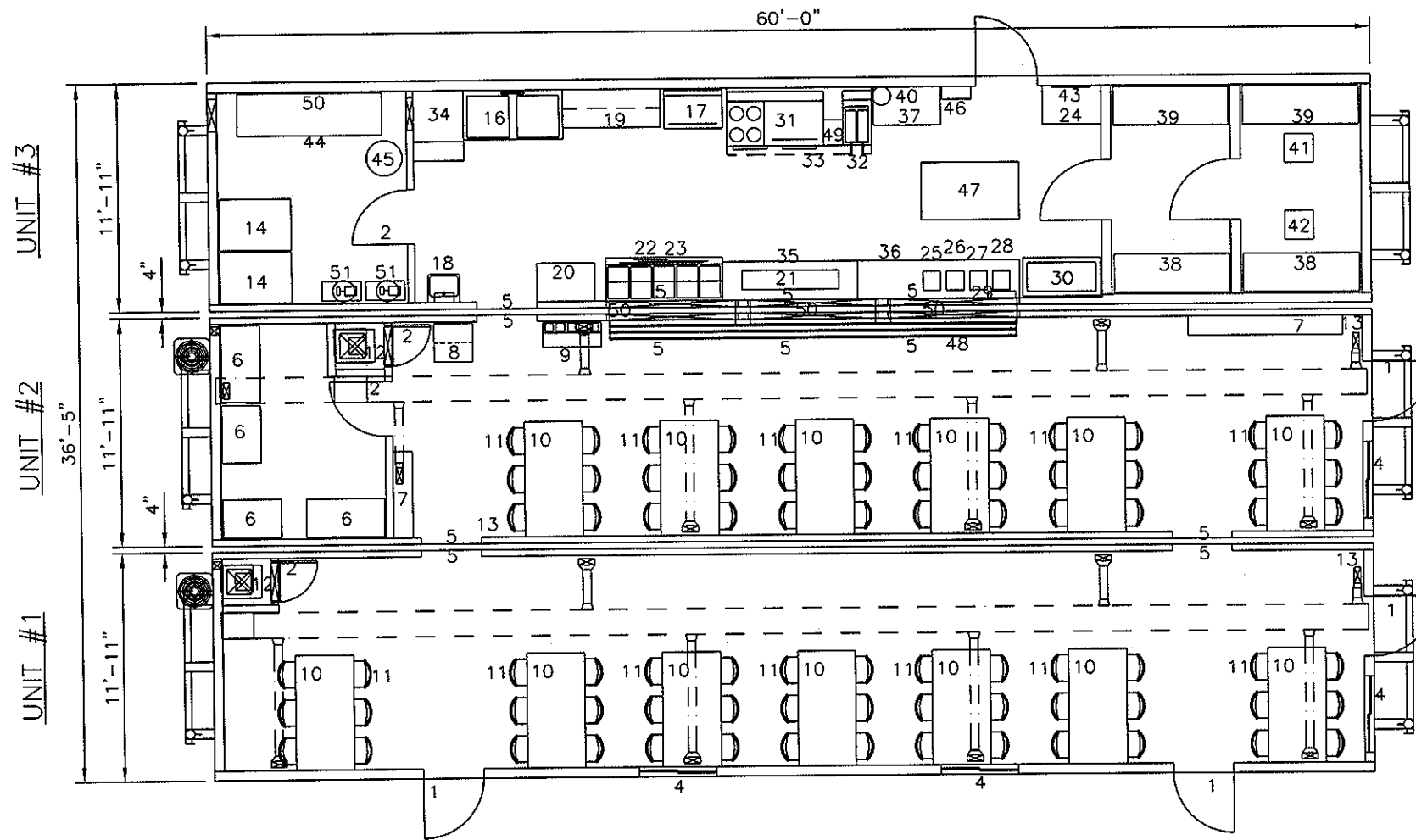
PROJECT:
WILLIAMS SCOTSMAN
FLEET
36' x 60' KITCHEN/DINER

TITLE:
ARCHITECTURAL
SPECIFICATIONS
-

Drawn By:	RSH	Date:	12/12/05
Project No:	-	Scale:	N.T.S.

Drawing No: **A00**

2006 ISSUE FOR CONSTRUCTION

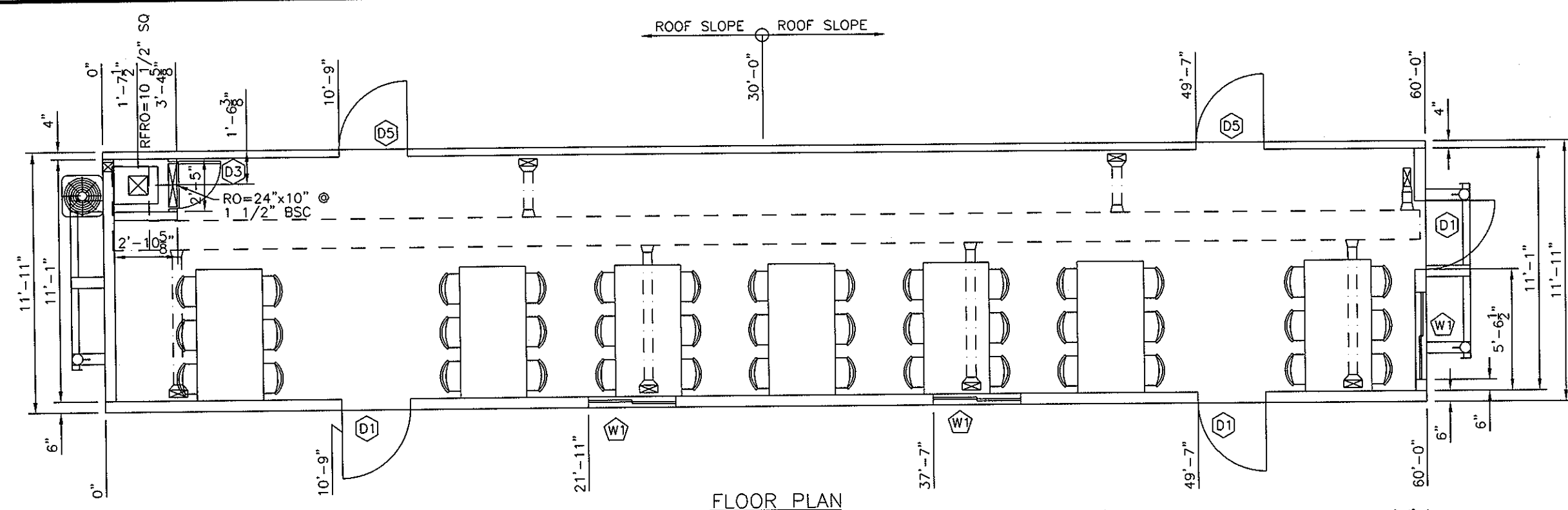
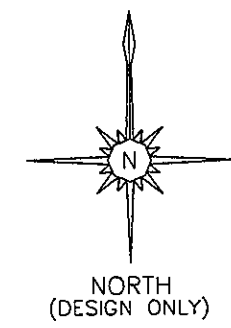


- | | | |
|--|---|--|
| <p>1) 5-36"x80" EXTERIOR DOORS
 2) 1-32"x80" SC DOOR
 3-24"x80" SC DOOR
 3) 2-34"x79" COOLER/FREEZER DOORS
 4) 3-46"x36" WINDOWS
 5) 12-36"x80" SHIPPING DOORS
 6) 2-24"x48" 3-TIER METAL SHELVING
 2-24"x36" 3-TIER METAL SHELVING
 7) 1-12"x54" MELAMINE COAT HOOK BOARD w/ HAT SHELF
 1-12"x96" MELAMINE COAT HOOK BOARD w/ HAT SHELF
 8) 1-185LB ICE MACHINE WITH HOLDING BIN
 9) 1-MOBILE TRAY & CUTLERY STAND
 10) 13-36"x72" DINING TABLES WITH FOLDING LEGS
 11) 78-STACKING CHAIRS, VINYL LESS ARMS
 12) 2-56MBH LPG FURNACE, DOWNFLOW INTERTHERM
 13) 3-5LB ABC FIRE EXTINGUISHERS
 14) 2-400 GALLON WATER TANKS c/w PRESSURE SYSTEM
 15) 1-44"x31" SS COUNTER c/w MELAMINE SHELF OVER</p> | <p>16) 1-62"x31"x18"D DOUBLE SS POT SINK WITH FAUCET AND STERILIZER
 17) 1-CONVECTION OVEN LPG
 18) 1-WALL HUNG HAND SINK c/w TOWEL DISPENSER
 19) 1-60" BAKER'S TABLE WITH MELAMINE SHELF OVER
 20) 1-36" COUNTER WITH SHELF UNDER
 21) 1-60", 2-TIER DISPLAY SHELF WITH SHELF OVER
 22) 1-72" HOT FOOD SERVER, 5 COMPARTMENT & SHELF OVER
 23) 1-48" FOOD WARMER (MERCO HEAT LAMP, MODEL FNM480)
 24) 1-36" COUNTER WITH SHELF OVER & UNDER
 25) 1-DOUBLE JUICE DISPENSER
 26) 1-DOUBLE MILK DISPENSER
 27) 1-DOUBLE COFFEE URN
 28) 1-SINGLE WATER STATION
 29) 1-4"x17" DRIP PAN
 30) 1-STANDARD PASTRY CABINET (48")
 31) 1-60" RANGE c/w 4 BURNERS, 2 OVENS, GRIDDLE & SHELF, LPG
 32) 1-35LB DEEP FRYER c/w BASKETS, LPG</p> | <p>33) 1-90"x42" CANOPY WITH FIRE SUPPRESSION & EXHAUST
 34) 1-DISHWASHER
 35) 1-24"x84" COUNTER WITH SHELF UNDER
 36) 1-24"x100" COUNTER WITH SHELF UNDER
 37) 1-42" SS COUNTER WITH SHELF UNDER
 38) 2-24"x72", 3-TIER METAL WIRE SHELVING
 39) 2-24"x72", 2-TIER METAL WIRE SHELVING
 40) 1-10LB ABC FIRE EXTINGUISHER
 41) 1-FREEZER UNIT
 42) 1-COOLER UNIT
 43) 1-24"x18" UTENSIL RACK
 44) 1-143MBH, 1600 CFM MAKE-UP AIR UNIT, LPG
 45) 1-50 GALLON WATER HEATER, LPG
 46) 1-4KW ELECTRIC FORCE FLOW HEATER
 47) 1-36"x60" SS PREP TABLE c/w WHEELS
 48) 1-252" TRAY RAIL
 49) 1-12" SS SPACER
 50) 3-16"W x 3"H x 78"L SS COVER FOR PASS-THRU
 51) 2 JACUZZI PUMP AND PRESSURE CELL - SEE MECH DWGS</p> |
|--|---|--|

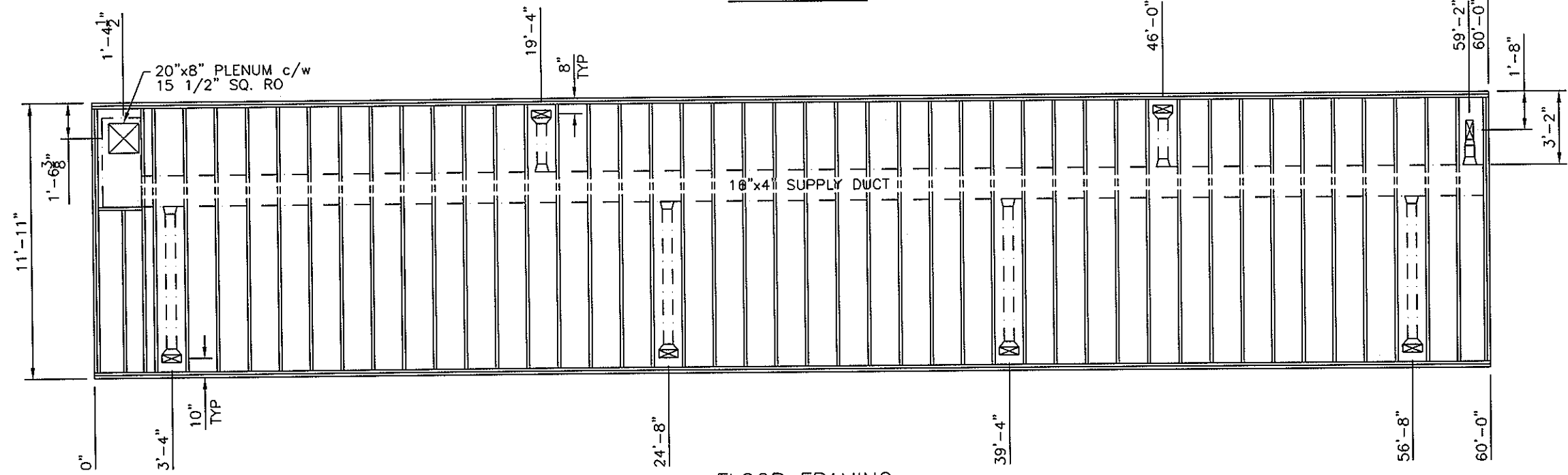
NOTE: INSTALL HEAT SHIELD BEHIND CONVECTION OVEN

2006 ISSUE FOR CONSTRUCTION

B	01/01/06	ISSUE FOR CONSTRUCTION
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No:	Date:	Revision:
<p>WILLIAMS SCOTSMAN OF CANADA, INC. CALGARY ALBERTA CANADA</p>		
<p>PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER</p>		
<p>TITLE: ARCHITECTURAL COMPLEX FLOOR PLAN</p>		
Drawn By:	RSB	Date: 12/12/05
Project No:	-	Scale: 1/8"=1'-0"
Drawing No:	A01	



FLOOR PLAN



FLOOR FRAMING

DOOR SCHEDULE

- D1 36"x80" GIENOW, PREFIN EMBOSSED, ALUM COVERED SOLID CORE DOOR, ALUM FRAME, DRIPCAP, PAINT WHITE TEMPERED GWG 10"x18" LITE, TAYMOR ENT/EXIT PANIC KEYED TO W.S. MASTER, CLOSER R.O. 37 1/2"x81 1/4" (CONFIRM RO WITH SUPPLIER)
- D2 32"x80" CLASS B DOOR TAYMOR LOCKSET, CLOSER R.O. 34"x82"
- D3 24"x80" CLASS B DOOR TAYMOR LOCKSET, CLOSER R.O. 26"x82"

- D4 80"x36" GIENOW, PREFIN EMBOSSED, ALUM COVERED SOLID CORE DOOR, ALUM FRAME, DRIPCAP, PAINT WHITE, DEADBOLT ONLY KEYED TO W.S. MASTER, CLOSER R.O. 81 1/4"x37 1/2" @ 38" AFF (CONFIRM RO WITH SUPPLIER)
- D5 36"x80" GIENOW, PREFIN EMBOSSED, ALUM COVERED SOLID CORE DOOR, ALUM FRAME, DRIPCAP, PAINT WHITE, DEADBOLT ONLY KEYED TO W.S. MASTER, CLOSER R.O. 37 1/2"x81 1/4" (CONFIRM RO WITH SUPPLIER)
- D6 34"x79" COOLER/FREEZER DOOR CONFIRM RO WITH SUPPLIER

WINDOW SCHEDULE

- W1 48"x36" VINYL CLAD HORIZONTAL SLIDER LITE OAK CASING & JAMB R.O. 47 1/2"x36" @ 36" AFF (CONFIRM RO W/ SUPPLIER)

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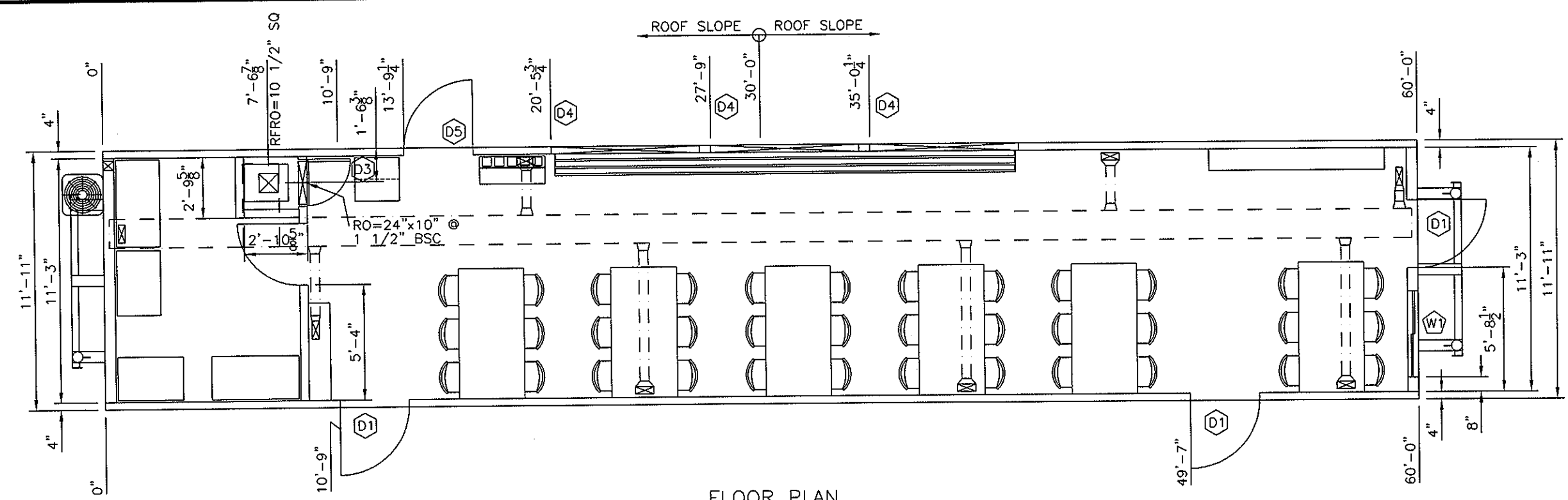
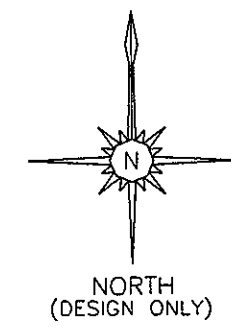
WILLIAMS SCOTSMAN OF CANADA, INC.
CALGARY ALBERTA CANADA

PROJECT:
WILLIAMS SCOTSMAN FLEET
36' x 60' KITCHEN/DINER

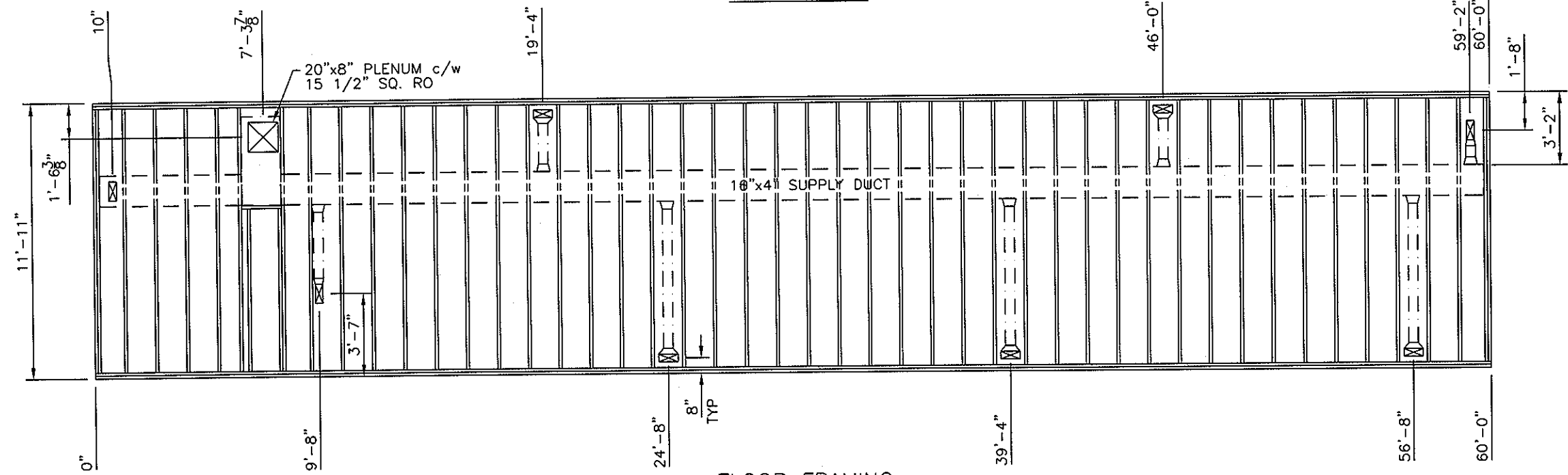
TITLE:
ARCHITECTURAL UNIT #1 FLOOR PLAN

Drawn By:	RSH	Date:	12/12/05
Project No:	-	Scale:	3/16"=1'-0"

Drawing No: **A02**



FLOOR PLAN



FLOOR FRAMING

DOOR SCHEDULE

- D1 36"x80" GIENOW, PREFIN EMBOSSED, ALUM COVERED SOLID CORE DOOR, ALUM FRAME, DRIPCAP, PAINT WHITE TEMPERED GWG 10"x18" LITE, TAYMOR ENT/EXIT PANIC KEYED TO W.S. MASTER, CLOSER R.O. 37 1/2"x81 1/4" (CONFIRM RO WITH SUPPLIER)
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- D4 80"x36" GIENOW, PREFIN EMBOSSED, ALUM COVERED SOLID CORE DOOR, ALUM FRAME, DRIPCAP, PAINT WHITE, DEADBOLT ONLY KEYED TO W.S. MASTER, CLOSER R.O. 81 1/4"x37 1/2" @ 38" AFF (CONFIRM RO WITH SUPPLIER)
- D5 36"x80" GIENOW, PREFIN EMBOSSED, ALUM COVERED SOLID CORE DOOR, ALUM FRAME, DRIPCAP, PAINT WHITE, DEADBOLT ONLY KEYED TO W.S. MASTER, CLOSER R.O. 37 1/2"x81 1/4" (CONFIRM RO WITH SUPPLIER)
- D6 34"x79" COOLER/FREEZER DOOR CONFIRM RO WITH SUPPLIER

WINDOW SCHEDULE

- W1 48"x36" VINYL CLAD HORIZONTAL SLIDER LITE OAK CASING & JAMB R.O. 47 1/2"x36" @ 36" AFF (CONFIRM RO W/ SUPPLIER)

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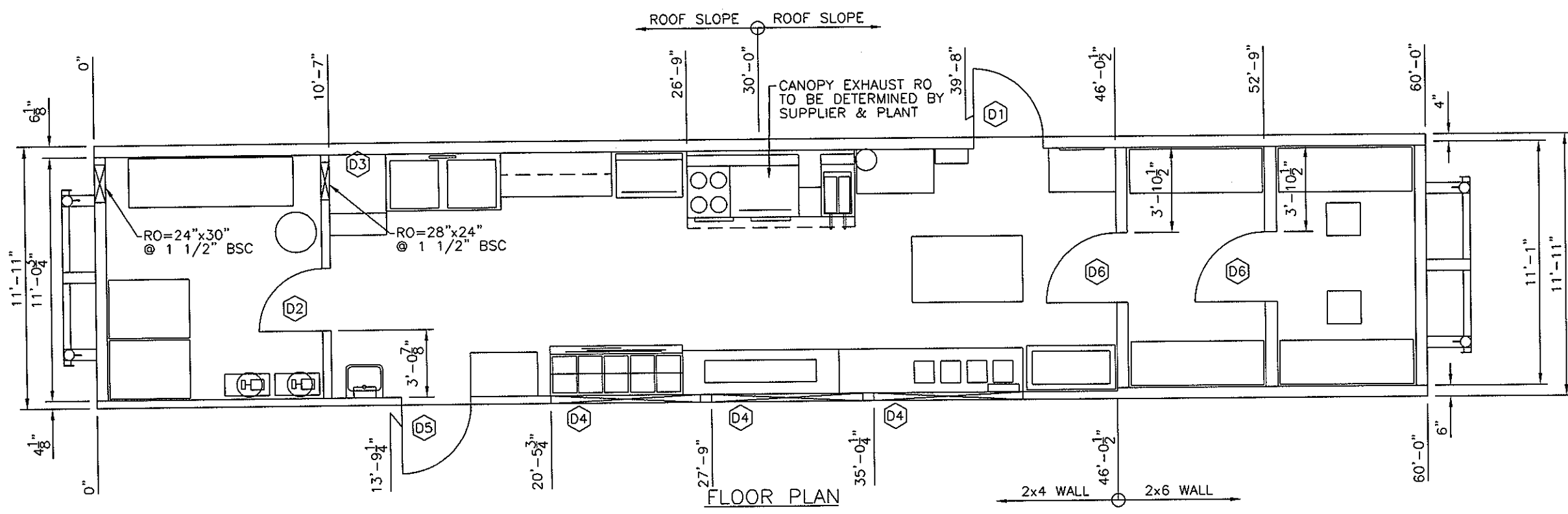
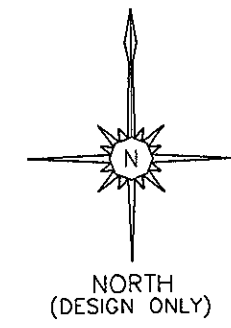
WILLIAMS SCOTSMAN OF CANADA, INC.
CALGARY ALBERTA CANADA

PROJECT:
WILLIAMS SCOTSMAN FLEET
36' x 60' KITCHEN/DINER

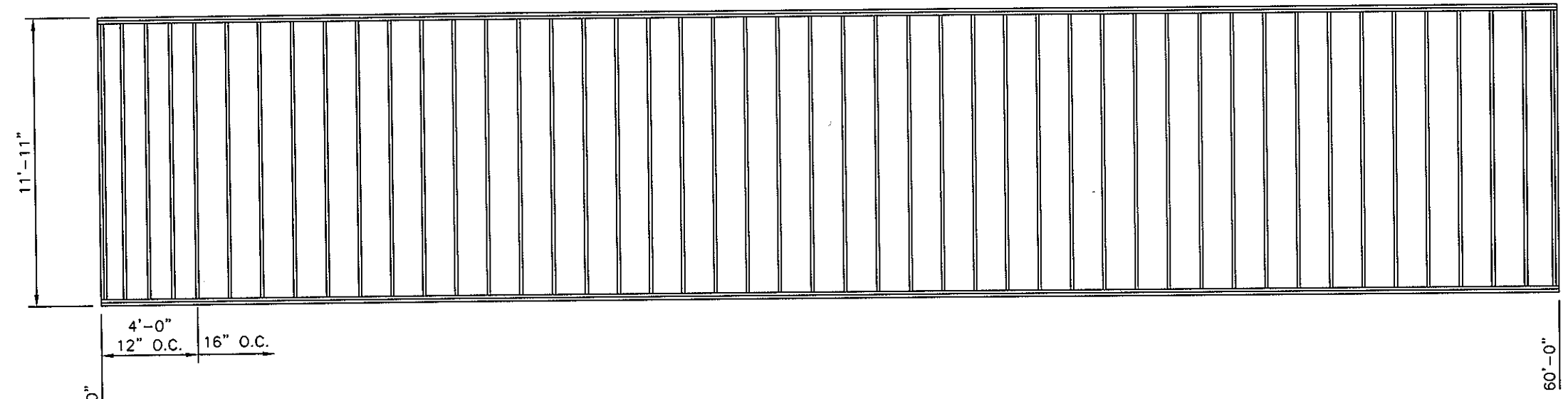
TITLE:
ARCHITECTURAL UNIT #2 FLOOR PLAN

Drawn By:	RSH	Date:	12/12/05
Project No:	-	Scale:	3/16"=1'-0"

Drawing No: **A03**



FLOOR PLAN



FLOOR FRAMING

DOOR SCHEDULE

- D1 36"x80" GIENOW, PREFIN EMBOSSED, ALUM COVERED SOLID CORE DOOR, ALUM FRAME, DRIPCAP, PAINT WHITE TEMPERED GWG 10"x18" LITE, TAYMOR ENT/EXIT PANIC KEYED TO W.S. MASTER, CLOSER R.O. 37 1/2"x81 1/4" (CONFIRM RO WITH SUPPLIER)
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- D6 34"x79" COOLER/FREEZER DOOR CONFIRM RO WITH SUPPLIER

WINDOW SCHEDULE

- W1 48"x36" VINYL CLAD HORIZONTAL SLIDER LITE OAK CASING & JAMB R.O. 47 1/2"x36" @ 36" AFF (CONFIRM RO W/ SUPPLIER)

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WILLIAMS SCOTSMAN OF CANADA, INC.
CALGARY ALBERTA CANADA

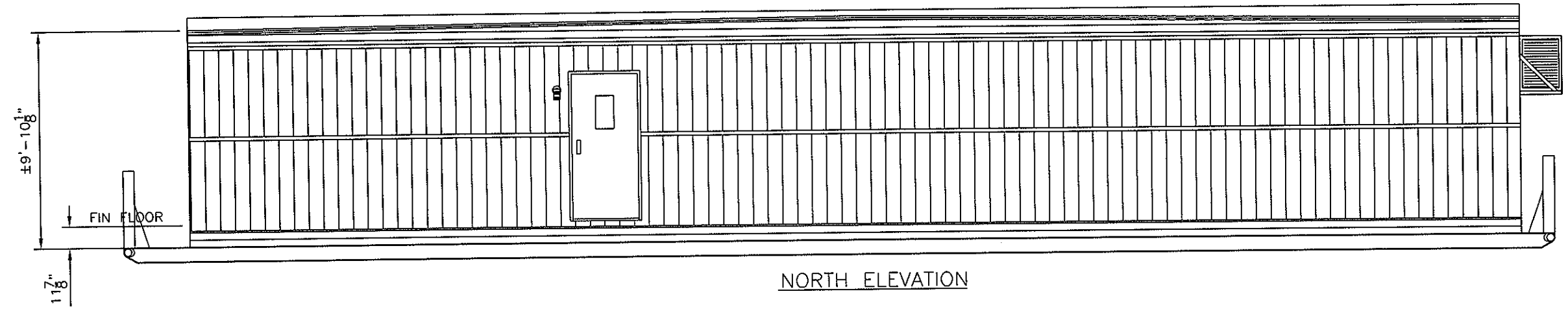
PROJECT:
WILLIAMS SCOTSMAN FLEET
36' x 60' KITCHEN/DINER

TITLE:
ARCHITECTURAL UNIT #3 FLOOR PLAN

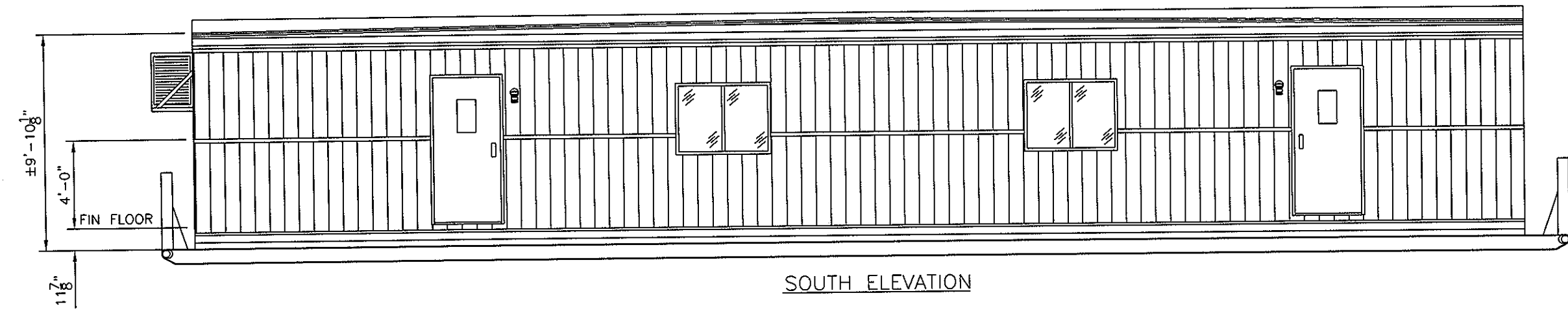
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Project No:	-	Scale:	3/16" = 1'-0"

Drawing No: **A04**

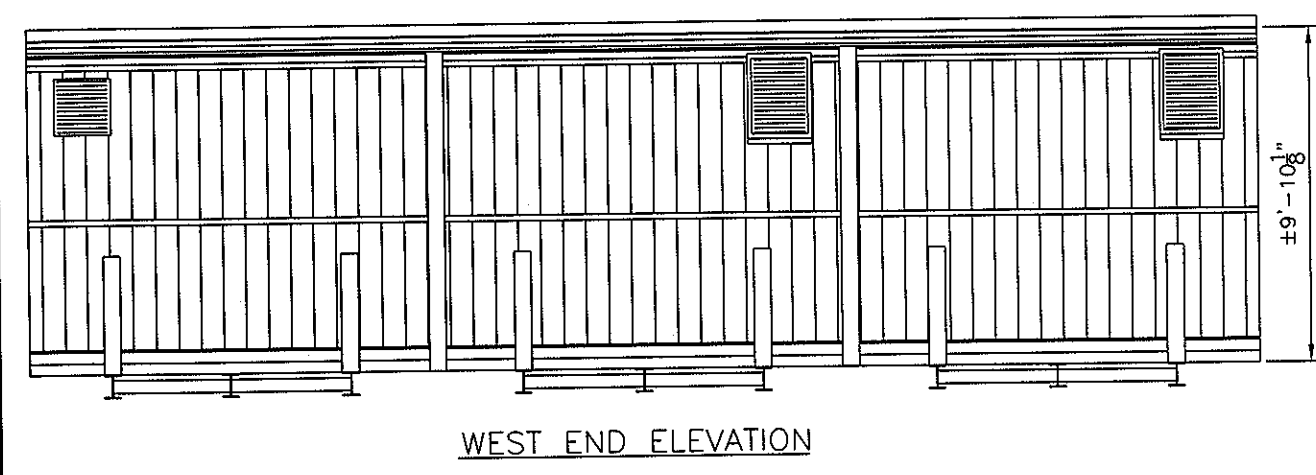
NOTE:
FIELD DESIGN OF ALL STAIRS AND LANDINGS
TO MEET APPLICABLE BUILDING AND OH&S CODES



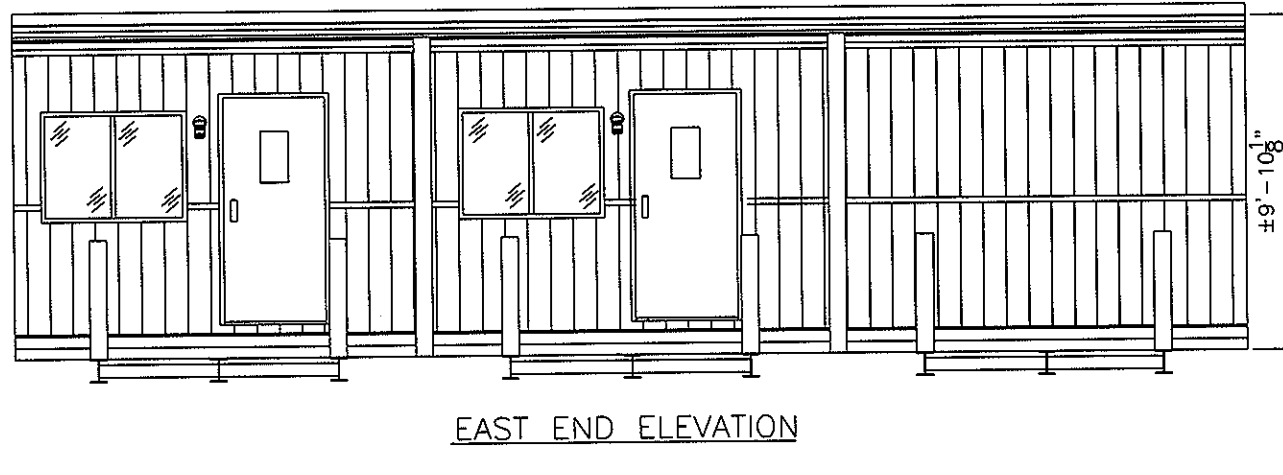
NORTH ELEVATION



SOUTH ELEVATION

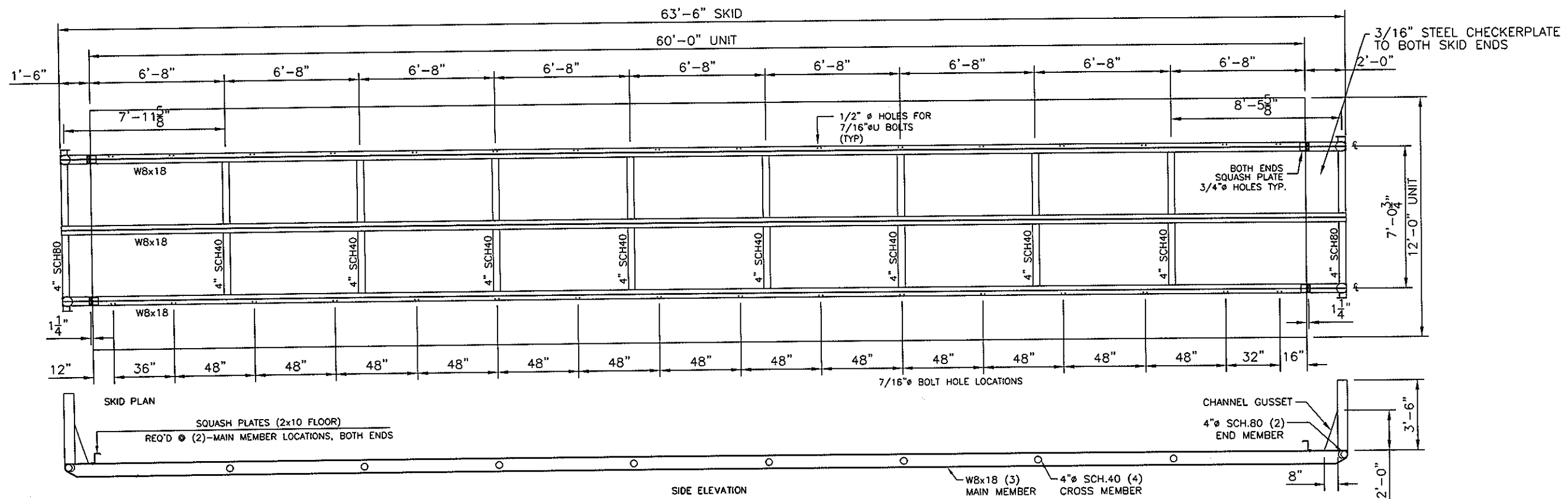


WEST END ELEVATION



EAST END ELEVATION

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PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER	
TITLE: ARCHITECTURAL ELEVATIONS	
Drawn By: RSH	Date: 12/12/05
Project No: -	Scale: 3/16"=1'-0"
Drawing No: A05	

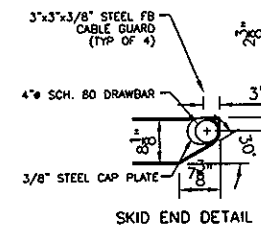


GENERAL NOTES

1. MAIN MEMBERS - W8x18
2. CROSSMEMBERS - 4" SCH.40
3. DRAWBAR - 4" SCH.80
4. BUMPER POST - 6" SCH.40, 42" TALL
5. ALL WELDED CONSTRUCTION - CSA-W59

6. REMOVE ALL FLUX, BURRS & SPLATTER
7. WIRE BRUSHED, ALL PRIMED ONE COAT WITH 2 COATS OF BLACK ENAMEL PAINT
8. BOLT HOLES TO BE 1/2" TYPICAL

NOTE:
ALL WELDING TO
CSA W59-M AND
APPLICABLE
BUILDING CODES



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CALGARY ALBERTA CANADA

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**WILLIAMS SCOTSMAN
FLEET**
36' x 60' KITCHEN/DINER

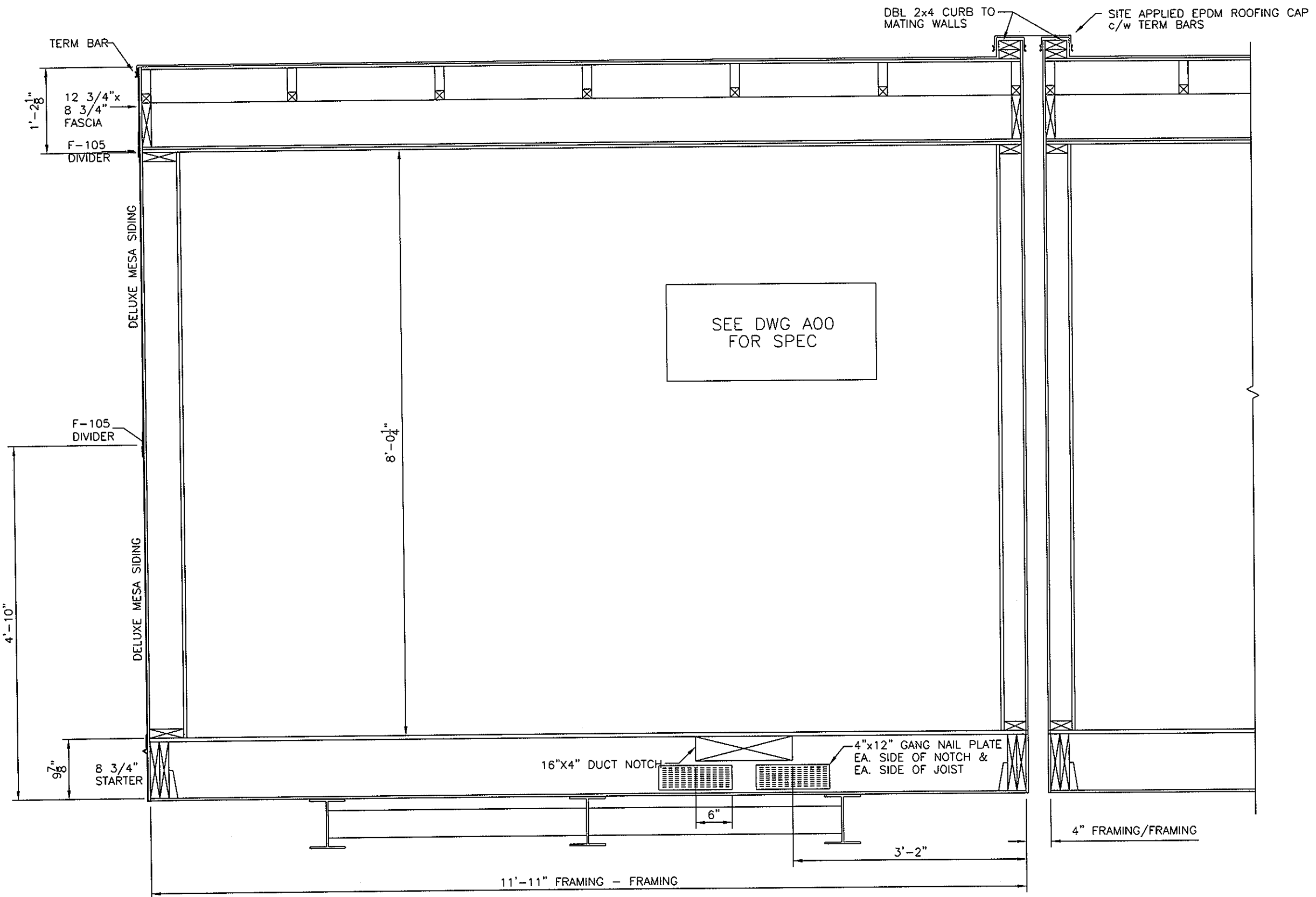
TITLE:
**ARCHITECTURAL
SKID FRAME**

Drawn By: RSH Date: 12/12/05

Project No: - Scale: 3/16"=1'-0"

Drawing No:

B01



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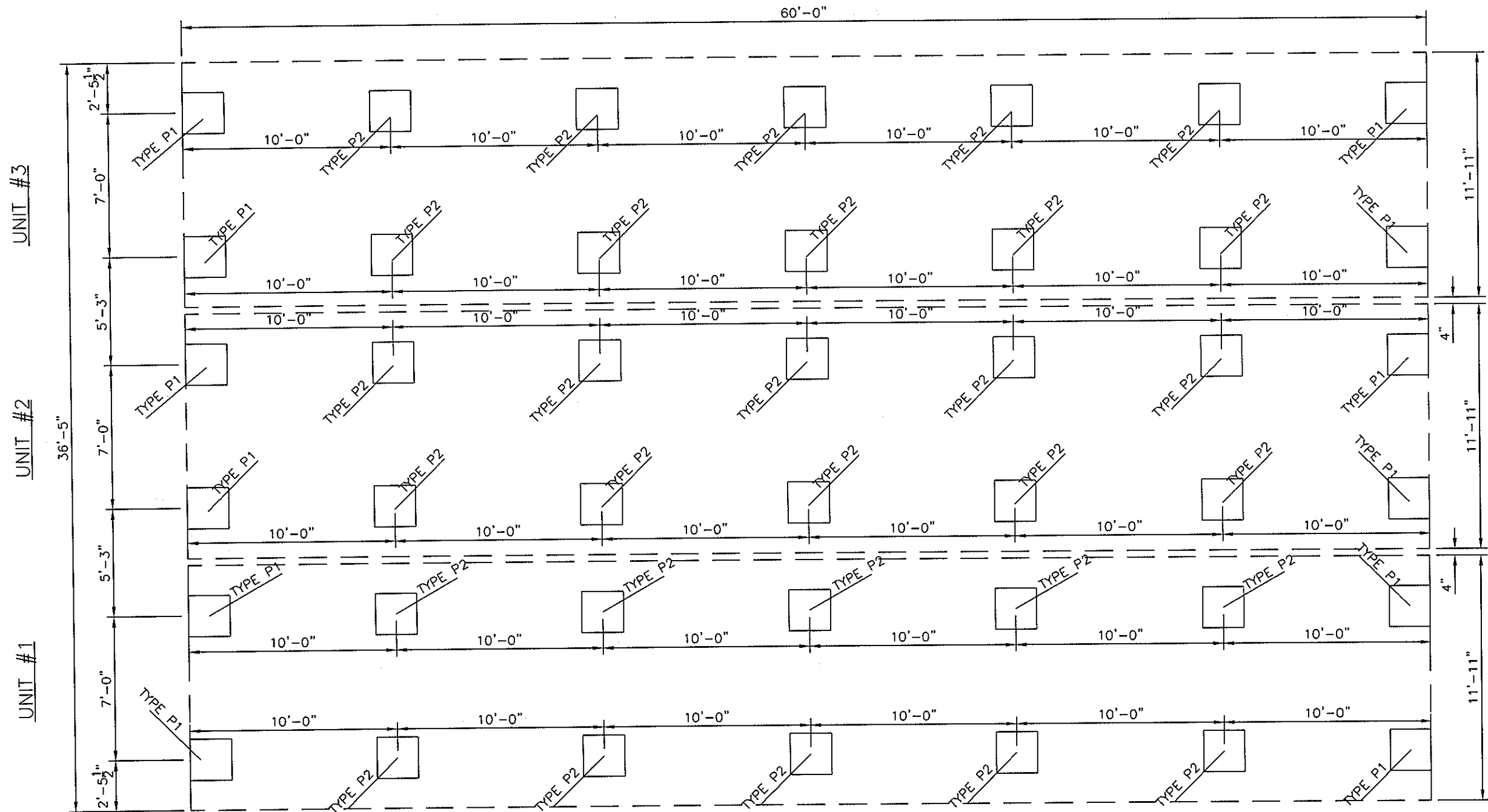
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OF CANADA, INC.
CALGARY ALBERTA CANADA

PROJECT:
WILLIAMS SCOTSMAN
FLEET
36' x 60' KITCHEN/DINER

TITLE:
ARCHITECTURAL
BUILDING SECTION

Drawn By: RSH Date: 12/12/05
Project No: - Scale: 3/4"=1'-0"

Drawing No: **D01**



2005 ISSUE FOR CONSTRUCTION

DESIGN LOADS	
1. ALBERTA BUILDING CODE, PART 10	
a.	ROOF LIVE LOAD = 42 psf
b.	MAIN FLOOR LIVE LOAD = 100 psf
c.	ROOF DEAD LOAD = 10 psf
d.	MAIN FLOOR DEAD LOAD = 25 psf
e.	WIND LOAD = 25 psf

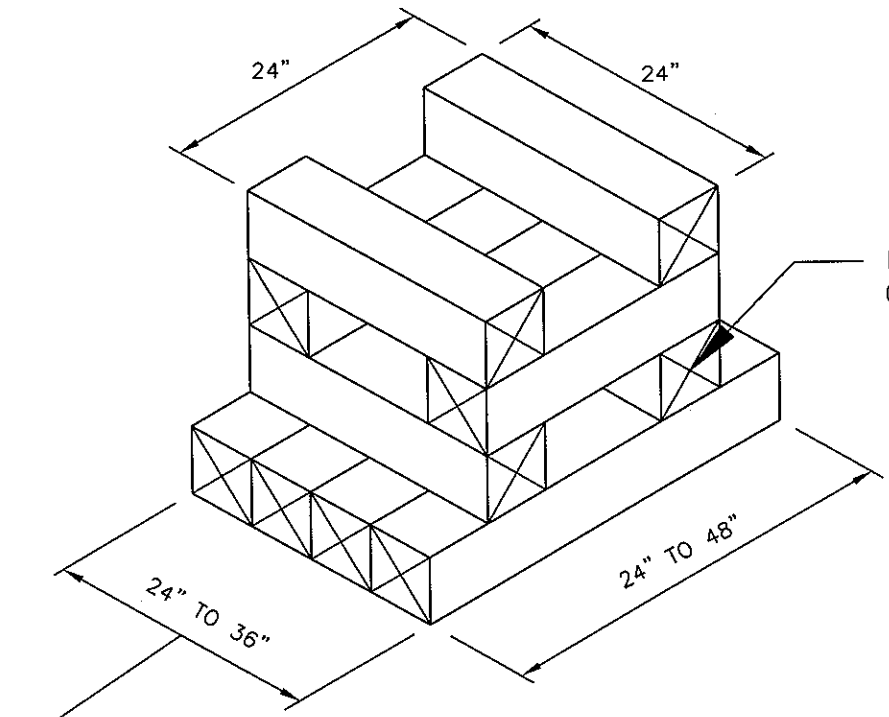
SPECIFIED FOUNDATION LOADS (kps)	
LOAD TYPE	TOTAL
TYPE P1	7 kips
TYPE P2	13 kips
MAXIMUM HORIZ SHEAR/SUPPORT = 1800 LBS	

FIELD NOTE: 1) CLIENT TO SUPPLY/DESIGN FOUNDATION BLOCKING AS REQUIRED FOR GIVEN LOADS AND EXISTING SOIL CONDITIONS. PROVIDE MECHANICAL TIE DOWN CLIPS BETWEEN BLOCKING AND UNIT FOR 1.5 KIP SHEAR AND 1.0 KIP UPLIFT PER BLOCK PRIOR TO ALL UNITS BEING IN PLACE AND STRAPPED TOGETHER

2) DESIGN BASED ON SIDE PRE COMPACTED FOR MINIMUM 3000 psf ALLOWABLE BEARING PRESSURE FOR BLOCKING

NOTES:
1. SEE F02 FOR FOUNDATION TYPICAL DETAILS

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A	12/12/05	ISSUE FOR REVIEW
No:	Date:	Revision:
WILLIAMS SCOTSMAN OF CANADA, INC. CALGARY ALBERTA CANADA		
PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER		
TITLE: ARCHITECTURAL FOUNDATION LAYOUT		
Drawn By:	RSH	Date: 12/12/05
Project No:	-	Scale: 3/16"=1'-0"
Drawing No:	F01	

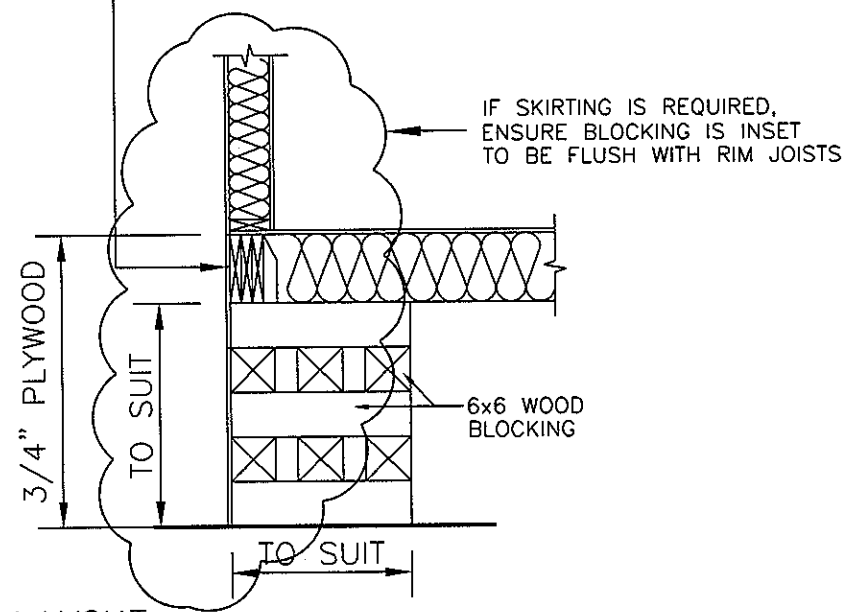
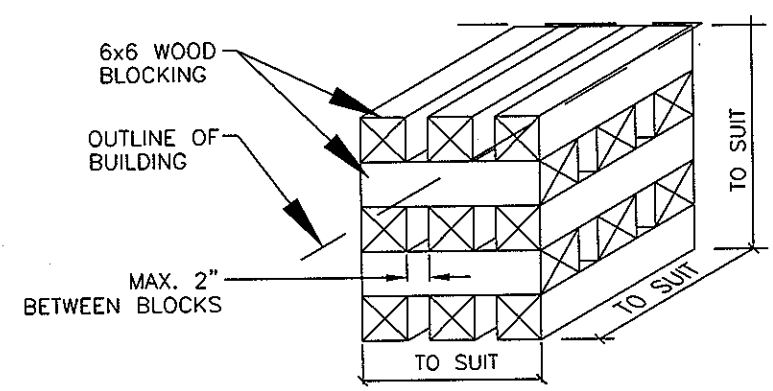


MATCH LENGTH OF BLOCKING THIS COURSE TO BOTTOM LAYER (36" MAX)

LOWER COURSE SIZE DETERMINES CAPACITY (SEE BELOW)
 4 SQ FT (24" X 24") = LOAD UP TO 12,000 lbs (12KIPS) - MINIMUM SIZE
 6 SQ FT (24" X 36") = LOAD UP TO 16,000 lbs (18KIPS)
 7.5 SQ FT (30" X 36") = LOAD UP TO 22,500 LBS (22.5KIPS)
 10 SQ FT (30" X 48") = LOAD UP TO 30,000 LBS (30 KIPS)
 [TYPICAL CALCULATION: 3000 PSF X 2 FT X 2 FT = 12,000 LB]

FIELD INSTALL 3/8" TREATED PLYWOOD
 X 24" WIDE TO BLOCKING AND UNIT WITH
 3/8" LAG BOLTS AT 3" C/C STAGGERED (UNIT AND BLOCK)
 TYPICAL ALL PERIMETER BLOCKS FOR OVERTURNING SHEAR STABILITY
 (MIN 2 LAGS PER BLOCK)

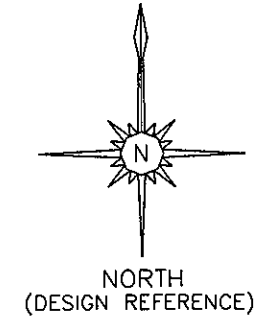
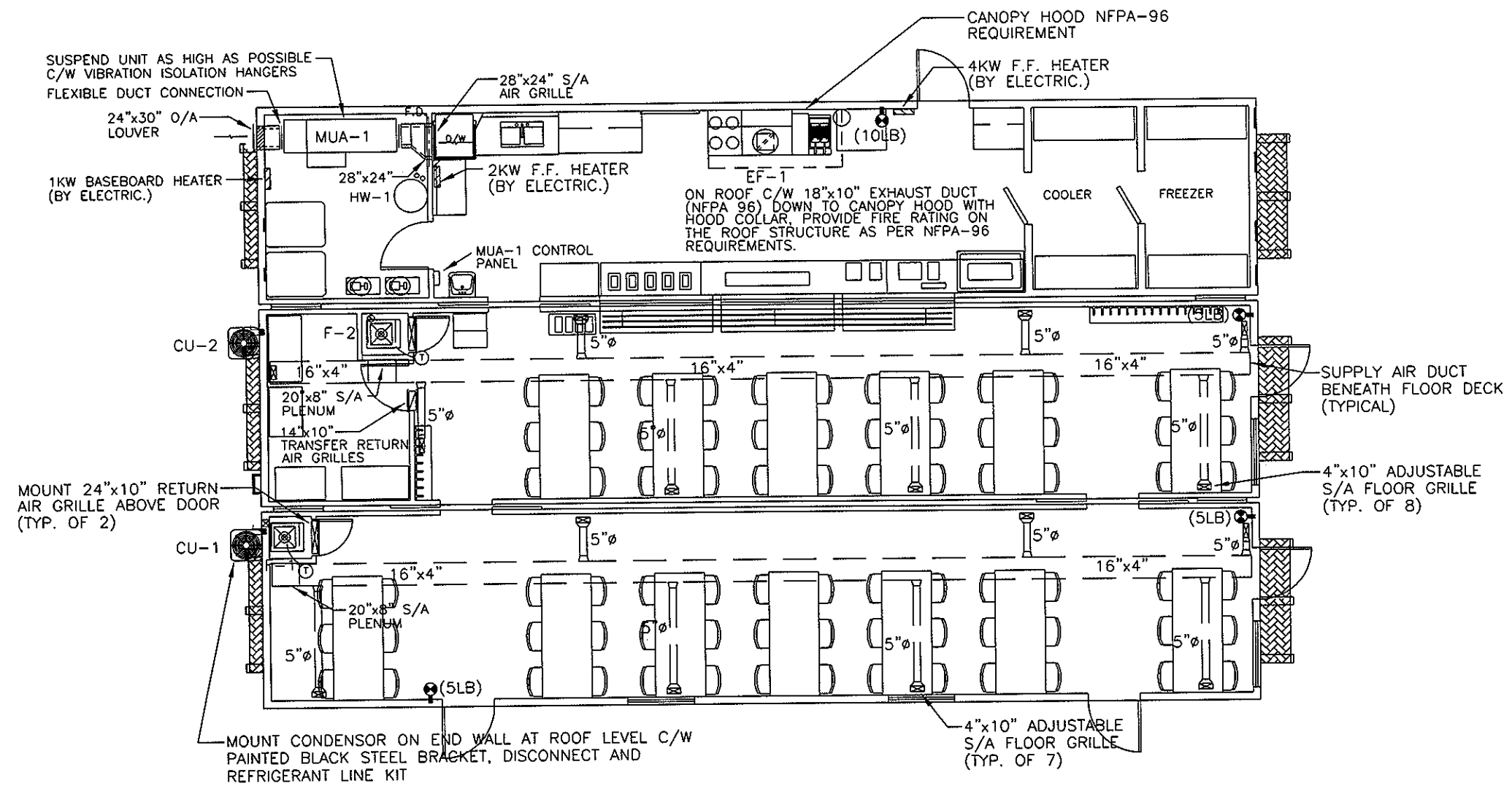
- NOTES:
1. 6x6 TIMBER TYPICAL CRIB MATERIALS
 2. THE NUMBER OF COURSES TO SUIT SITE LEVELING CONDITIONS
 3. SHIMS MAY BE REQ. TO LEVEL CRIB BETWEEN COURSES
 4. LENGTH & WIDTH OF BOTTOM COURSES DICTATES THE CRIB CAPACITY
 5. PRESUMED SITE GROUND BEARING CAPACITY—"3000 PSF" MIN. SITE SLOPE TO BE STABLE
 6. TOP BLOCKS TO RUN PERPENDICULAR TO FLOOR JOISTS
 7. THE SITE MUST BE GRADED TO SLOPE DRAINAGE AWAY FROM THE FOUNDATION
 8. BOTTOM WOOD BLOCKING IN CONTACT WITH SOIL TO BE 'PWF'.



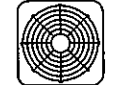
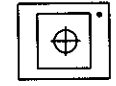



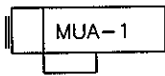







TYPICAL BLOCKING LAYOUT

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No:	Date:	Revision:
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PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER		
TITLE: ARCHITECTURAL FOUNDATION DETAILS		
Drawn By:	RSB	Date: 12/12/05
Project No:	-	Scale: N.T.S.
Drawing No:	F02	

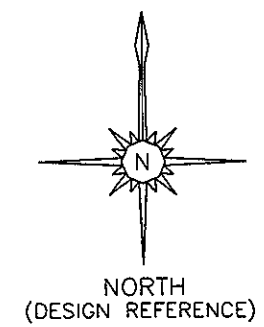
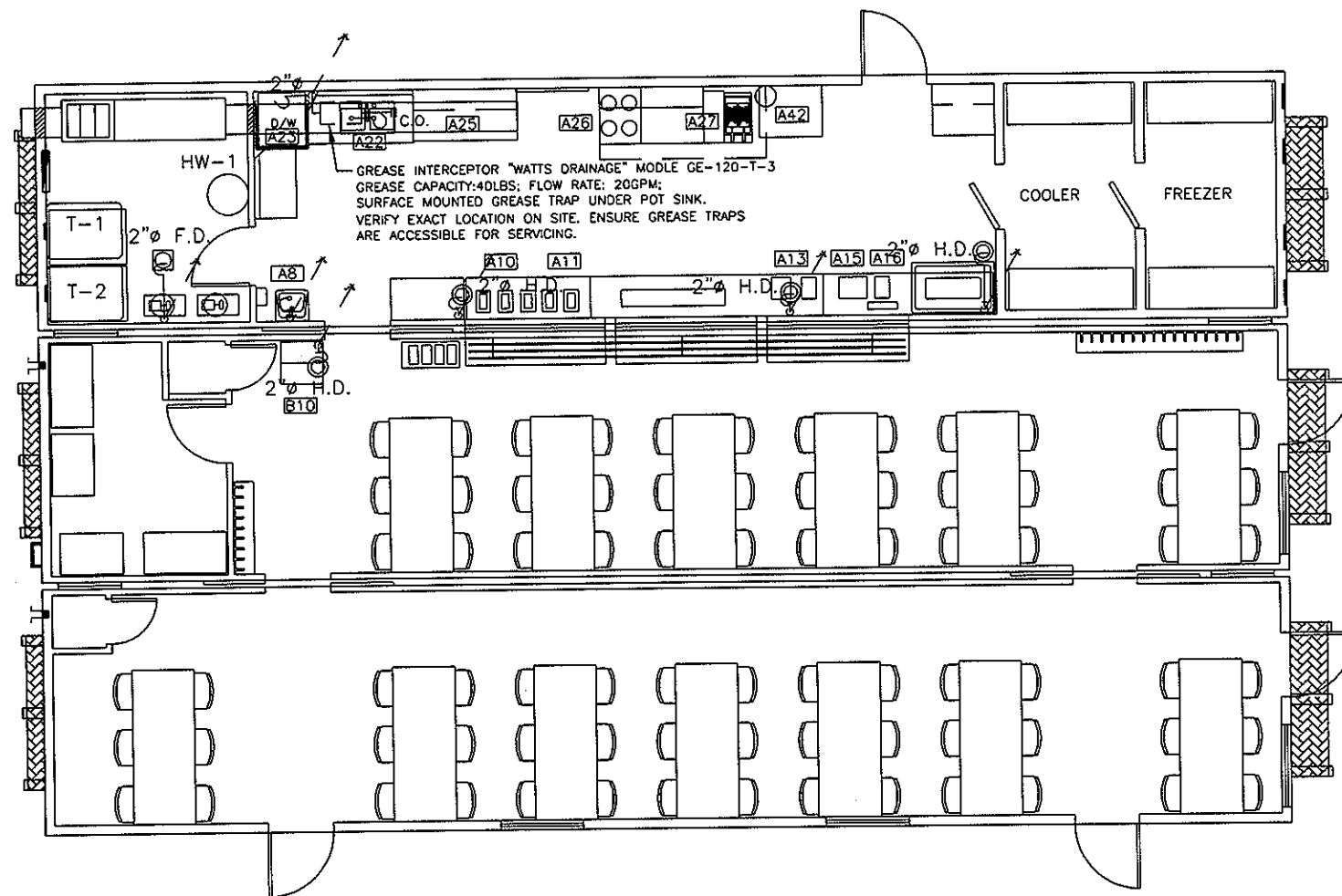


FLOOR PLAN - HVAC LAYOUT
SCALE : 1/8"=1'-0"

-  - 2 TON CONDENSOR
-  - INTERTHERM LPG FURNACE MODEL# M1MB056ABW (56,000 BTU INPUT) C/W TWO STAGE FISHER REGULATOR AND 48" PIGTAIL AND 1-420# BOTTLE 1/4 HP, 120/1/60, 15 AMP
-  - HEAT/ COOL THERMOSTAT C/W AUTO-CHANGE OVER
-  - 8"Ø FRESH AIR DUCT AND OPENING THRU FLOOR
-  - 8"Ø FRESH AIR DUCT AND OPENING THRU WALL
-  - MAKE-UP AIR , LPG, EngA. 210MBH, 2000CFM (MODEL HE-20) 1HP 208/3/60 C/W DISCHARGE AIR CONTROL, FREEZE PROTECTION LOW LIMIT, MAXITROL & CONTROL PANEL, WASHABLE OR DISPOSABLE FILTER & ACCESS, INDOOR HORIZ. DISCHARGE SUPPLY. APPROX. WEIGHT: 500LBS (REINFORCE ROOF AS PER STRUCTURAL DRAWINGS)
-  - RETURN AIR GRILLE MOUNTED (WHITE) AT CEILING HEIGHT C/W F.D.
-  - TRANSFER RETURN AIR GRILLES MOUNTED AT CEILING HEIGHT ON WALL (BOTH SIDE)
-  - ADJUSTABLE SUPPLY AIR FLOOR GRILLE/REGISTER C/W BALANCING DAMPER.
-  - SUPPLY AIR GRILLE MOUNTED (WHITE) AT CEILING HEIGHT C/W F.D.
-  - COMBINED CHIMNEY & COMBUSTION AIR
-  - 5 LB OR 10LB ABC FIRE EXTINGUISHER C/W BRACKET - USE TYPE BC ONLY FOR KITCHEN
-  - EF-1, GREENHECK MODEL CUBE-161 (OR EQUAL) 2000CFM@1" ESP. 3/4HP 208/3/60 C/W HIGH ROOF CURB GREASE TROUGH B.D.D.

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WILLIAMS SCOTSMAN OF CANADA, INC. CALGARY ALBERTA CANADA		
PROJECT:		
WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER		
TITLE:		
UNITS #1,2,3 FLOOR PLAN HVAC LAYOUT		
Drawn By:	YL	Date: 10/04/06
Project No:	ACE 26055	Scale: 1/8"=1'-0"
Drawing No:	M-1	

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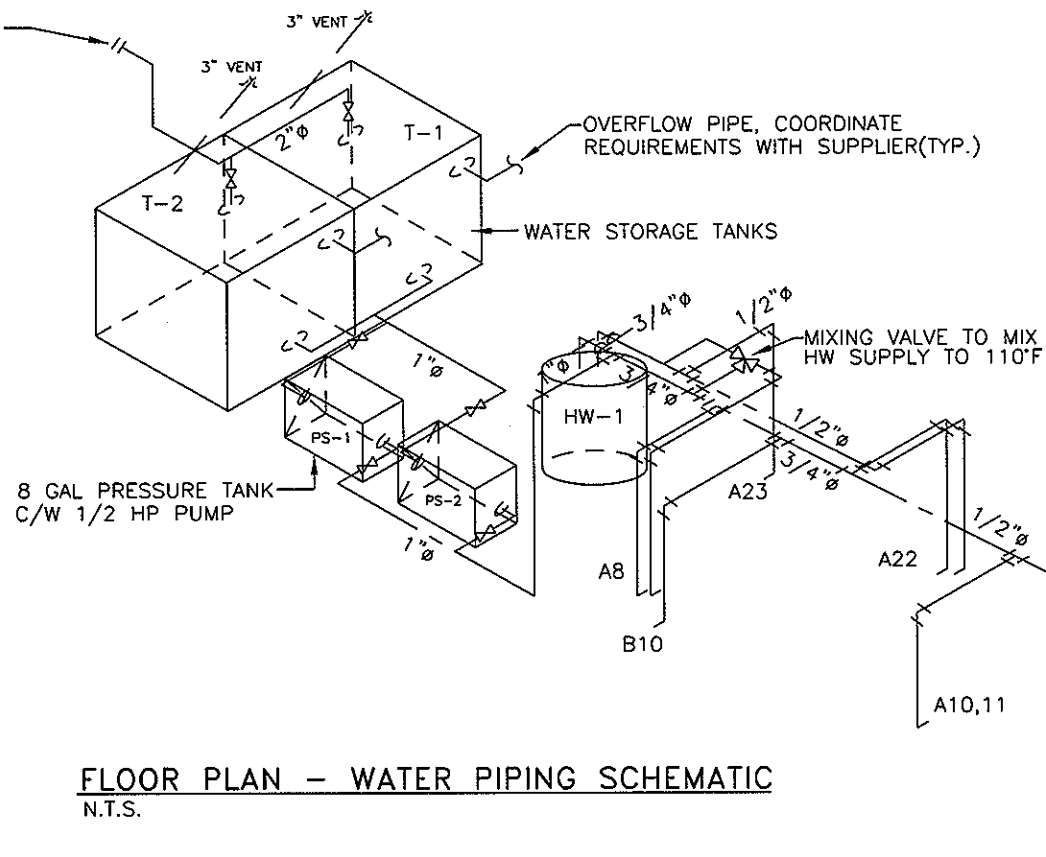
FLOOR PLAN - DRAINAGE
 SCALE : 1/8"=1'-0"

- NOTE:**
1. ALL DRAIN PIPES TO BE EXPOSED ABS DWV. EXCEPT FOR D/W WHERE COPPER PIPE SHALL BE USED.
 2. FIXTURE DRAINAGE PIPING TO BE HARNESSSED AT INTERIOR OF UNIT IN FLOOR (AS REQUIRED) AND FIELD CONNECTED TO THE SEWAGE HOLDING TANK. (BY OTHERS)
 3. FREEZER UNIT CONDENSATE DRAIN C/W HEAT TRACE.
 4. PIPE EQUIPMENT DRAINS OR CONDENSATE DRAINS TO H.D.S.

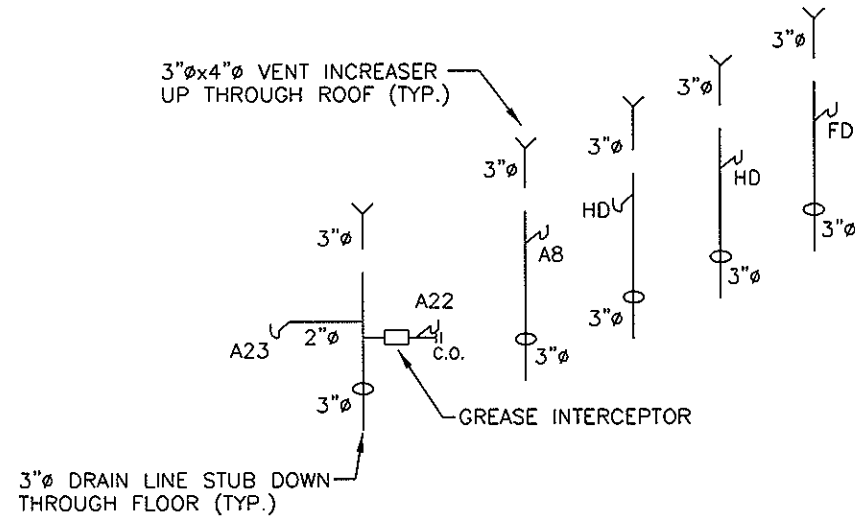
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A	10/04/06	ISSUE FOR REVIEW	
No:	Date:	Revision:	
WILLIAMS SCOTSMAN OF CANADA, INC. CALGARY ALBERTA CANADA			
PROJECT:			
WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER			
TITLE:			
UNIT #1,2,3 FLOOR PLAN DRAINAGE			
Drawn By:	YL	Date:	10/04/06
Project No:	ACE 26055	Scale:	1/8"=1'-0"
Drawing No:	M-3		

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FILL PIPE, COORDINATE REQUIREMENTS WITH SUPPLIER



FLOOR PLAN - WATER PIPING SCHEMATIC
N.T.S.



FLOOR PLAN - DRAINAGE SCHEMATIC
N.T.S.

PLUMBING FIXTURE PIPING HOOK-UP SCHEDULE							
SYMBOL	FIXTURE	C.W.	H.W.	SAN.	VENT	GAS	REMARKS
A08	HAND SINK	1/2"	1/2"	1-1/2"	1-1/2"	-	USE 110°F HOT WATER
A10	HOT FOOD TABLE	1/2"	-	-	-	-	PIPE COND. TO H.D. C/W BACKFLOW PREVENTOR & PRESSURE REGULATOR.
A11	FOOD WARMER	1/2"	-	-	-	-	PIPE COND. TO H.D. C/W BACKFLOW PREVENTOR & PRESSURE REGULATOR.
A13	JUICE DISPENSER	1/2"	-	-	-	-	PIPE COND. TO H.D. C/W BACKFLOW PREVENTOR & PRESSURE REGULATOR.
A15	COFFEE URN	1/2"	-	-	-	-	PIPE COND. TO H.D. C/W BACKFLOW PREVENTOR & PRESSURE REGULATOR.
A16	WATER STATION	1/2"	-	-	-	-	PIPE COND. TO H.D. C/W BACKFLOW PREVENTOR & PRESSURE REGULATOR.
A22	KITCHEN SINK	1/2"	1/2"	1-1/2"	1-1/2"	-	USE 140°F HOT WATER
A23	DISHWASHER	-	3/4"	2"	-	-	DRAIN TO ADJACENT SINK USE 110°F HOT WATER
A25	CONNECTION OVEN	-	-	-	-	60MBH	
A26	60" RANGE	-	-	-	-	90MBH	
A27	DEEP FRYER	-	-	-	-	100MBH	
B10	ICE MACHINE	1/2"	-	-	-	-	PIPE COND. TO H.D. C/W BACKFLOW PREVENTOR & PRESSURE REGULATOR.

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WILLIAMS SCOTSMAN OF CANADA, INC. CALGARY ALBERTA CANADA	
PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER	
TITLE: MECHANICAL WATER PIPING & DRAINAGE SCHEMATIC	
Drawn By: YL	Date: 10/04/06
Project No: ACE 26055	Scale: 1/8"=1'-0"
Drawing No: M-4	

2006 ISSUE FOR CONSTRUCTION

**MECHANICAL SPECIFICATIONS
GENERAL**

- .1 Provide complete, fully tested and operational mechanical systems to meet requirements described herein and in complete accord with applicable codes and ordinances.
- .2 Contract documents & Drawings are diagrammatic. They establish scope, material and installation quality and are not detailed installation instructions.
- .3 Follow manufacturer's recommended installation details and procedures for equipment, supplemented by requirements of Contract Documents.
- .4 The work under this section includes the supply and installation of all materials and equipment as indicated on the drawings or specified in these specifications. Included are the heating, ventilation, air-conditioning, plumbing, and fire protection systems and all labour and materials necessary to complete, start up and test the systems.
- .5 The Contractor shall give all necessary notices, obtain all necessary permits and pay all fees in order that the work may be carried out.
- .6 A written guarantee covering all new materials and workmanship provided under this contract for (1) one year from the date of final acceptance of the entire contract, shall be supplied by the contractor. This guarantee shall not cancel longer warranties.
- .7 Provide access doors for all concealed valves or controls. Doors shall be installed by the General Contractor.

PLUMBING

- .1 This work includes the supply, installation and testing of all plumbing fixtures, and all items necessary to complete the sanitary sewer, drains & vents, domestic hot and cold water systems, and fire protection system.
- .2 The entire installation shall conform to the "Alberta Building Code" 1997 Edition, "Canadian Plumbing Code", ASHRAE guides and all local codes and regulations.
- .3 Piping
 - A Domestic Water Piping:
 - Above ground: Type "L" copper c/w soldered joints and bronze/wrought copper fittings.
 - B Sanitary:
 - Above ground: ABS plastic throughout except for dishwasher drain vent lines are within the wall structure where possible
 - Underground: ABS DWV

.4 Valves

- Gate Valves - 50mm and Smaller - Crane No. 1320C or equivalent.
- Globe Valves - 50mm and Smaller - Crane No. 1342 or equivalent.
- Check Valves - 50mm and Smaller - Crane No. 1342 or equivalent.
- Provide approved ground joint plug cocks for gas piping systems.
- Backflow preventers - Febco or equal, double check valve type.
- .5 Clean-outs and clean-out access covers shall be caulked or threaded type extended to finished floor or wall surface. Ensure ample clearance at clean out for rodding of drainage system.
- .6 Provide room for expansion and contraction of pipes. Provide approved expansion joints or expansion loops.
- .7 Support pipes with metal hangers to prevent sagging but at not greater than 8 ft. centres.
- .8 Test all valves for shut-off and operation and check packings for leakage.
- .9 Drainage lines shall grade minimum 2% unless shown otherwise on drawings.
- .10 Install vacuum breakers on plumbing lines where contamination of domestic water may occur. Generally necessary on hose bibs and flush valves.
- .11 Cleanouts: Zurn ZX-1400 w/ access cover or equal.
- .12 Fire Extinguishers: Canadian Fire Hose, ratings on plans, c/w cabinets as required.

HEATING, VENTILATION AND AIR CONDITIONING

- .1 Provide and install units, duct work, grilles and diffusers, intakes, exhaust fans, coils and controls as shown on the plans.
- .2 All materials, equipment and installation shall conform to the "Alberta Building Code" 1997, "Installation Code for Propane Gas Burning Equipment and Appliances B149.2, and all local codes and requirements.
- .3 Ducts shall be made of galvanized steel lock forming quality, having galvanized coating to ASTM A525 G90 designation for both sides.
- .4 Sealant shall be water resistant, fire resistive, compatible with mating materials.
- .5 All duct work except for the kitchen exhaust duct shall be constructed in accordance with the following schedule:
 - .1 Rectangular Ducts

Maximum Width	mm
Up to 300 mm	0.6
330 mm to 760 mm	0.8
790 mm to 1370 mm	0.8
1400 mm to 2130 mm	1.0
2160 mm and Over	1.2
 - .2 Round Ducts

Duct Diameter	mm
Up to 330 mm	0.6
350 mm to 550 mm	0.8
580 mm to 1270 mm	0.8
890 mm to 910 mm	1.0
1300 mm to 1520 mm	1.2
1550 mm to 2130 mm	1.6
- .6 Kitchen exhaust ductwork shall be constructed to NFPA-96 requirements. duct shall be constructed of and supported by min.16 gauge carbon steel. All seams and joints shall have a liquid tight continuous external weld.

- .7 Ducts shall be adequately supported to prevent sagging and vibration.
- .8 At each point where ducts pass through partitions, the joints around the duct shall be sealed with non-combustible material.
- .9 All ducts passing through fire separation and/or required by code shall be equipped with fire dampers. Fire dampers shall be UL listed and constructed in accordance with ULC Standard S 112 "Fire Dampers". Fusible links on fire dampers shall be constructed to ULC Standard S 505. Fabricate fire dampers of galvanized steel or prime coated black steel weighted to close and lock in closed position when released by fusible link. Fire dampers may be multi-blade, offset butterfly or curtain type. Curtain type fire dampers shall have blades retained in a recess so free area of connecting ductwork is not reduced. Fusible links shall be set for 72 C.
- .10 Provide fresh air intakes in furnace rooms.
- .11 The following ducts shall be insulated with 1" of Fibreglass Canada MD-103 Duct Insulation, .75 lb/ft.3, FSK facing: fresh air.
- .12 Exhaust fan shall be provided with back draft damper.
- .13 When the work is complete, operate the heating, ventilation and air conditioning systems and adjust all controls dampers, thermostats, etc., so that there is an even distribution of heat and air throughout the building and the desired results are attained.
- .14 Provide a complete and tested system of automatic controls to control the mechanical systems as specified and as indicated on the drawings.
- .15 Controls
 - A F-1 (CU-1), F-2 (CU-2)
Heat/cool unit controlled by area thermostat, provided by furnace supplier. Auto Change-over.
 - B EF-1 - Activated on switch, keyed as per electrical.
 - C Service kitchen area ventilation shall be controlled by make up air unit MUA-1 working in conjunction with EF-1. Provide current sensing relay at the exhaust fan and reverse interlock. System shall be controlled by make up air unit control panel.
- .16 H.V.A.C. Equipment List
 - A F-1, F-2 - Refer to drawing for detail
 - B CU-1, CU-2 - Refer to drawing for detail.
 - C EF-1 - Refer to drawing for detail.
 - D MUA-1 - Refer to drawing for detail.
- .17 Provide wet chemical fire extinguishing system for kitchen exhaust canopy hood c/w all necessary duct nozzles, plenum nozzles, and surface nozzles. System shall be interlocked with gas solenoid valve to shut off gas supplies to cooking equipment whenever the system is activated.

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PROJECT:		
WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER		
TITLE:		
MECHANICAL SPECIFICATIONS		
Drawn By:	YL	Date: 10/04/06
Project No:	ACE 26055	Scale: 1/8"=1'-0"
Drawing No:	M-5	

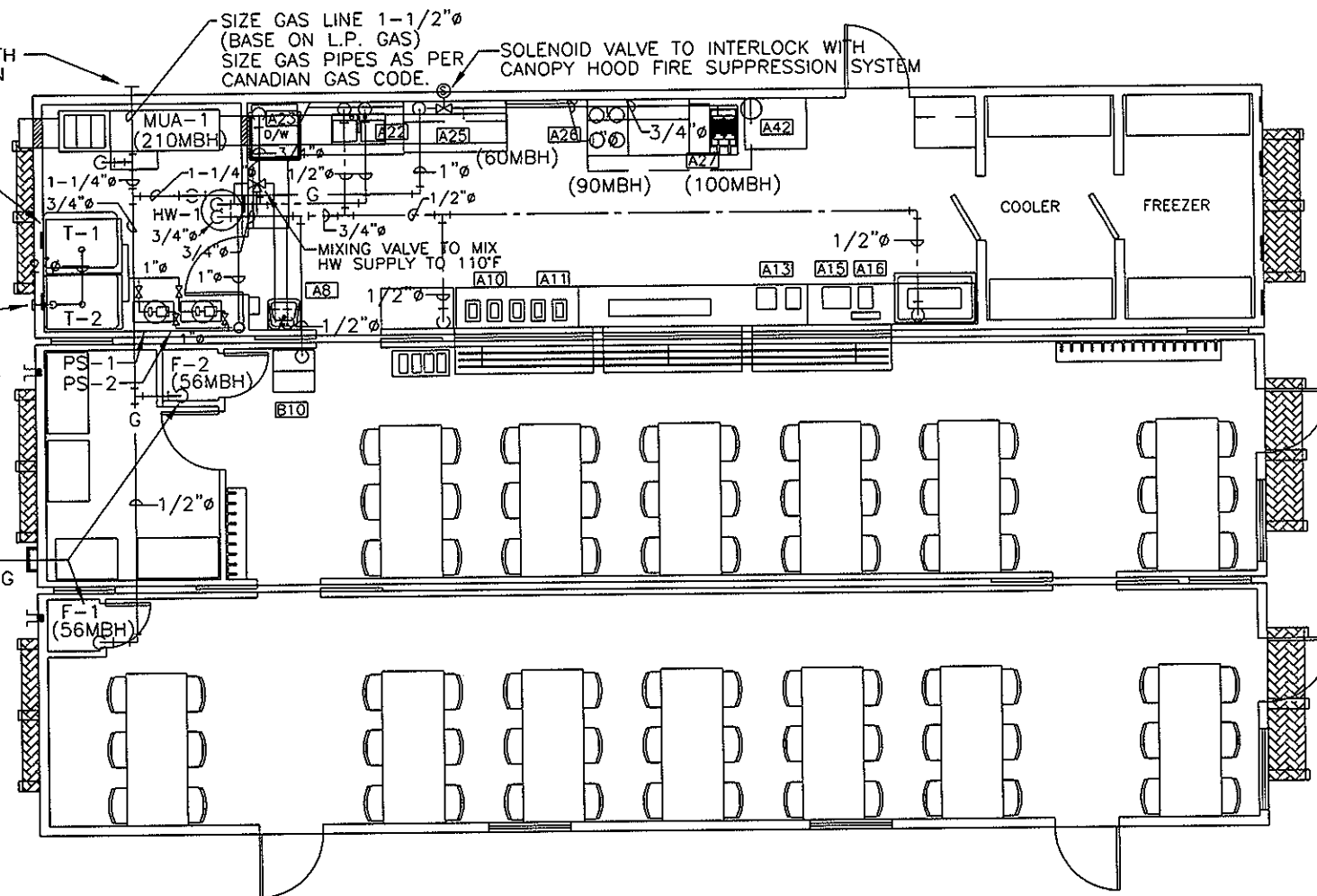
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INCOMING GAS LINE TO HANDLE 700CFH INTERCONNECT PIPES TO ONE COMMON POINT FOR CONNECTION BY CLIENT

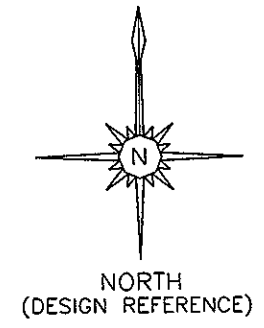
2@400 GAL WATER STORAGE TANK

2" FILL LINE WITH 2" MALE S/S OR ENVIROBRASS KAMLOK FITTING (4' ABOVE BOTTOM OF SKID)

GAS LINE TO BE STUBBED DOWN TO BOTTOM OF BUILDING COMPLEX C/W GAS COCK



- SANITARY PIPE
 - DOUBLE SS POT SINK
 - HAND SINK
 - DISHWASHER
 - ICE MACHINE
 - HOT WATER HEATER
 - 2" FLOOR DRAIN
 - VENT PIPE
- SINK
HS
DW
IM
HW-1
2" F.D.
/



FLOOR PLAN - WATER PIPING
SCALE : 1/8"=1'-0"

- NOTE:**
1. ALL WATER PIPES TO BE EXPOSED TYPE 'L' COPPER AND OFFSET 1/2" FROM WALL C/W SPACER AND INSTALLED TO REDUCE VISIBILITY
 2. ALL WATER HEATER AND TANK TO BE INSTALLED ON DRAIN PAN.
 3. GAS LINE SHALL BE BLACK IRON PIPE HARNESSSED AT THE END OF EACH UNIT C/W FLEX HOSE INTERCONNECTS AND WOG SHUT OFF BALL VALVE.
 4. SEWER LINES ARE HARNESS STRAIGHT DROP FLUSH TO UNDERSIDE OF THE FLOOR FOR HARNESS TO ONE COMMON POINT AND CONNECTION TO THE CLIENT SUPPLIED SERVICE.
 5. VENT LINES ARE WITHIN THE WALL STRUCTURE WHERE POSSIBLE.

HAND SINK 'HS'
AMERICAN STANDARD, S/S WALL MOUNTED LAVATORY BASIN C/W FAUCET & WALL HANGER SET, PLUG WITH CHAIN AND METAL SUPPORT LEGS

KITCHEN SINK 'SINK'
DOUBLE COMPARTMENT STAINLESS STEEL POT SINK C/W FAUCET SET AND SWING SPOUT

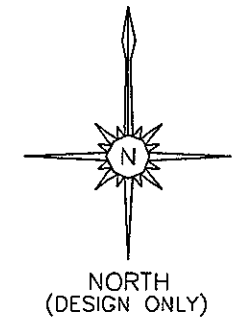
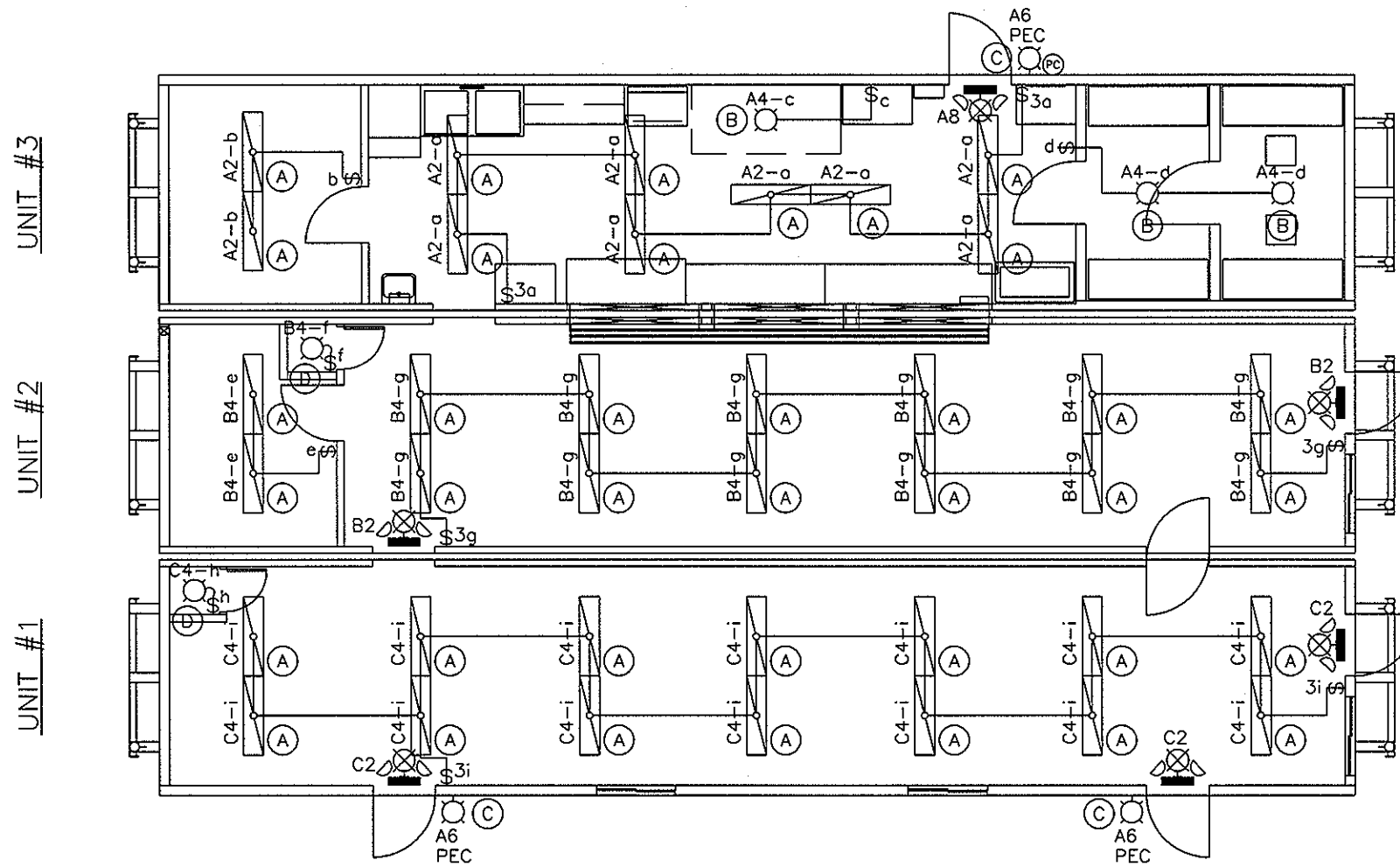
HOT WATER HEATER 'HW-1'
A.O. SMITH BTH-120 HIGH EFFICIENCY UNIT
STORAGE CAPACITY : 60US GALLONS
INPUT : 120MBH
RECOVERY @100° RISE: 137
VENT & C/A PIPES: 3"

WATER STORAGE TANK 'T-1,2'
ZEBEST PLASTICS
400 GAL. RIBBED PLASTIC WATER STORAGE TANK, C/W TWO JACUZZI 5C PRESSURE PUMPS, PRESSURE TANK, AND 12"x24"x1" GALVANIZED DRIP PAN. TANK TO HAVE LEVEL CONTROL ON TANK AND AN EXTERIOR LIGHT TO INDICATE WHEN TANK IS FULL.
FILL LINE TO BE 2" DIAMETER WITH 2" MALE STAINLESS STEEL OR ENVIROBRASS KAMLOK FITTING AT REAR OF UNIT APPROXIMATELY 4' UP FROM BOTTOM OF SKID. VENT/OVERFLOW TO BE 2"

WATER PRESSURE SYSTEM 'PS-1,2'
JACUZZI 5C-W25-S (OR EQUAL)
TANK CAPACITY : 8 GALLONS
PUMP : 1/2 HP 120/1/60
MAX. WATER SUPPLY PRESSURE : 80 PSI


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CALGARY ALBERTA CANADA		
PROJECT:		
WILLIAMS SCOTSMAN FLEET		
36' x 60' KITCHEN/DINER		
TITLE:		
UNIT #1,2,3 FLOOR PLAN WATER PIPING		
Drawn By:	YL	Date: 10/04/06
Project No:	ACE 26055	Scale: 1/8"=1'-0"
Drawing No:	M-2	

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FLOOR PLANS - LIGHTING
SCALE : 1/8"=1'-0"

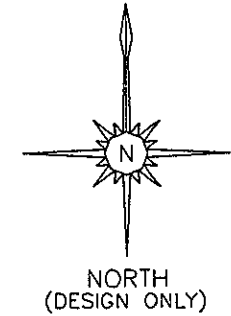
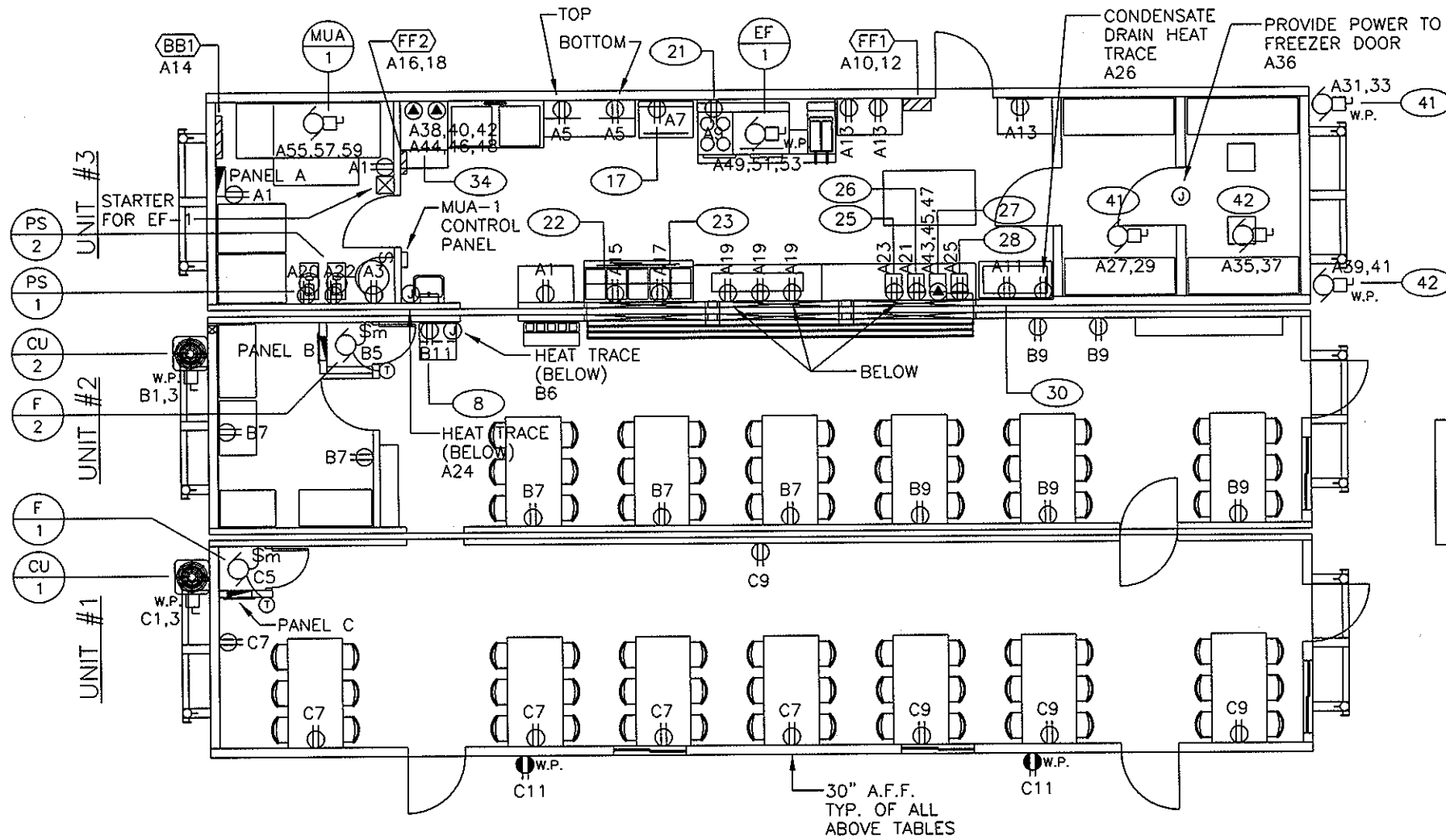
LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	CAT. NO.	LAMP TYPE	REMARKS
(A)	1'x4' FLUORESCENT 2-LAMP C/W ACRYLIC DIFFUSER, SURFACE MOUNTED	METALUX #W232A-120-EBB OR EQUAL	2x F32 - T8 COOL WHITE	
(B)	VAPOUR PROOF INCANDESCENT LIGHT FOR CANOPY, COOLER & FREEZER	LUMARK # ICVC1(G) OR EQUAL	150W A19	PROVIDE METAL GUARD FOR LIGHTS IN COOLER & FREEZER
(C)	EXTERIOR LOW PROFILE LIGHT FIXTURE C/W HIGH PRESSURE SODIUM LAMP	LUMARK # HPMP-PC-70-120 OR EQUAL	70W HPS	CONTROLLED BY PHOTOCELL
(D)	CEILING MOUNTED KEYLESS PORCELAIN LAMPHOLDER	SMITH & STONE OR EQUAL	60W A19	

EMERGENCY LIGHTING EQUIPMENT SCHEDULE	
	COMBINATION EMERGENCY/EXIT LIGHT UNITS SHALL BE LUMACELL # 3LERLMCEU-2-MQ12W-120V COMPLETE WITH TWO 12W MICRO QUARTZ LAMPS.
NOTES:	
1.	THE ELECTRICAL CONTRACTOR SHALL SIZE WIRES WITH MAXIMUM 3% VOLTAGE DROP.
2.	APPROVED EQUIVALENT PRODUCTS SHALL BE 'READY-LITE', 'EMERGI-LITE', 'UNIGLOW' & 'LITHONIA'.

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PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER	
TITLE: UNITS #1,2,3 FLOOR PLANS - LIGHTING	
Drawn By: GS	Date: 10/04/06
Project No: ACE 26055	Scale: 1/8"=1'-0"
Drawing No:	E01

2006 ISSUE FOR CONSTRUCTION

ELECTRICAL SYMBOL SCHEDULE	
	CONDUIT RUN IN WALL OR CEILING
	CONDUIT IN FLOOR OR UNDER SLAB
	CEILING MOUNTED FLUORESCENT FIXTURE
	WALL MOUNTED FLUORESCENT FIXTURE
	STRIP FLUORESCENT FIXTURE
	CEILING MOUNTED LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	CEILING MOUNTED EXIT LIGHT
	WALL MOUNTED EXIT LIGHT
	WALL MOUNTED SINGLE POLE SWITCH
	WALL MOUNTED TWO POLE SWITCH
	WALL MOUNTED THREE - WAY SWITCH
	WALL MOUNTED FOUR - WAY SWITCH
	WALL MOUNTED DIMMER SWITCH
	WALL MOUNTED KEY OPERATED SWITCH
	MANUAL MOTOR PROTECTION SWITCH
	PILOT LIGHT SWITCH
	MANUAL MOTOR STARTER
	MAGNETIC MOTOR STARTER
	DISCONNECT SWITCH
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	CEILING MOUNTED DUPLEX RECEPTACLE
	SPLIT FEED DUPLEX RECEPTACLE
	SPLIT SWITCHED DUPLEX RECEPTACLE
	GFI DUPLEX RECEPTACLE
	ISOLATED GROUND DUPLEX RECEPTACLE
	DIRECT POWER CONNECTION
	SMOKE ALARM
	JUNCTION BOX
	OUTLET BOX WIRED IN
	WALL MOUNTED TELEPHONE OUTLET
	WALL MOUNTED TELEVISION OUTLET
	COMBO VOICE DATA OUTLET
	COMPUTER DATA OUTLET
	MOTOR
	THERMOSTAT
	METER
	PHOTO CELL
	W.P. - WEATHER PROOF
	N.L. - NIGHT LIGHT
	I.G. - SEPARATE ISOLATED GROUND
	G.F.I. - GROUND FAULT INTERRUPTER
	P.E.C. - PHOTO-ELECTRIC CELL CONTROLLED



NOTE:
 1. PROVIDE CURRENT SENSING RELAY FOR EF-1 AND INSTALL REVERSE INTERLOCK WITH MUA-1. SYSTEM SHALL BE CONTROLLED BY MUA-1 CONTROL PANEL.

FLOOR PLANS - POWER & SYSTEMS
 SCALE : 1/8"=1'-0"

4.0 ELECTRICAL SPECIFICATION	
4.1 DESIGN CRITERIA	
Power supply	- 120/208 volt AC, three phase, four wire, 60 Hertz.
Lighting levels	- 50 foot candles (average).
Demand load	- 55.0 KW estimated demand load.
4.2 SERVICE ENTRANCE	
Locations	- main panel located on interior wall of the mechanical room - sub panels located in the storage room and dining room
4.3 DISTRIBUTION	
Loadcenter	- 1 only, Cutler Hammer CPM, 225 amp, three phase, 30/60 circuit main panel c/w 200 amp main breaker and branch circuits as required including breakers for sub panels
Sub panels	- 2 only, Cutler Hammer, sized as required c/w branch circuits
Wiring	- Concealed, non-metallic, sheathed, copper cable, c/w #14 AWG conductors except as required by the Canadian Electrical Code
4.4 DEVICES	
Scope	- all devices shall be Iberville metallic boxes c/w Leviton devices and white cover plates - all receptacles shall be 15A/120V unless noted otherwise
Switching	- switching as required for lighting, exhaust and furnaces
Receptacles	- receptacles as required for applicable appliances - 2 only, WP, GFI exterior duplex receptacles
4.5 LIGHTING	
Int. Incandescent	- vapour proof incandescent lights in the canopy, cooler and freezer
Int. Fluorescent	- 1'x4' surface mount 2 lamp c/w tubes and diffusers
Emergency	- 1 only at each exit, "Lumacell" c/w two remote heads
Exit	- 1 only at each exit, "Lumacell", LMCU
Exterior	- 3 only, low profile exterior light fixtures c/w high pressure sodium lamps - photocell control
4.6 INTERCONNECT	
	- cord fed with plug connection.
4.7 FIRE ALARM	
	- no fire alarm system supplied or installed.
4.8 SIGNAL SYSTEM	
	- No fire signal system supplied or installed.

B 01/01/06 ISSUE FOR PRODUCTION	
A 10/04/06 ISSUE FOR REVIEW	
No:	Date: Revision:
WILLIAMS SCOTSMAN OF CANADA, INC. CALGARY ALBERTA CANADA	
PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER	
TITLE: UNITS #1,2,3 FLOOR PLANS - POWER & SYSTEMS	
Drawn By: GS	Date: 10/04/06
Project No: ACE 26055	Scale: 1/8"=1'-0"
Drawing No: E02	

2006 ISSUE FOR CONSTRUCTION

KITCHEN EQUIPMENT SCHEDULE ELECTRICAL REQUIREMENT

ITEM	EQUIPMENT	VOLT	PHASE	H.P./AMP	WATTS	FEEDER	CIRCUITS	BREAKER	REMARKS
8	1-185LB ICE MACHINE WITH HOLDING BIN	110	1	11.6A	1300W	1/2"C-2#12	B11	15A-1P	
17	1-CONVECTION OVEN LPG	120	1	9.4A	1128W	1/2"C-2#12	A7	15A-1P	
21	1-GAS RANGE	120	1	1/3hp, 6.8A	816W	1/2"C-2#12	A9	15A-1P	
22	1-72" HOT FOOD SERVER, 5 COMPARTMENT & SHELF OVER	120	1			1/2"C-2#12	A15	15A-1P	
23	1-48" FOOD WARMER (MERCO HEAT LAMP, MODEL FNM480)	120	1			1/2"C-2#12	A17	15A-1P	
25	1-DOUBLE JUICE DISPENSER	120	1			1/2"C-2#12	A23	15A-1P	
26	1-DOUBLE MILK DISPENSER	120	1	1/10hp, 1.3A	150W	1/2"C-2#12	A21	15A-1P	
27	1-DOUBLE COFFEE URN	208	3	22A	8.0KW	3/4"C-3#10	A43,45,47	30A-3P	
28	1-SINGLE WATER STATION	120	1			1/2"C-2#12	A25	15A-1P	
30	1-REFRIGERATED DISPLAY CASE	120	1	1/4hp, 3.9A	470W	1/2"C-2#12	A11	15A-1P	
34	1-DISHWASHER	208	3	18.8A		3/4"C-3#10	A38,40,42	30A-3P	
	1-DISHWASHER BOOSTER HEATER	208	3	33.3A	12.0KW	1"C-3#8	A44,46,48	40A-3P	
41	1-COOLER EVAPORATOR UNIT	208	1	2.0MCA	480W	1/2"C-3#12	A27,29	15A-2P	
	1-COOLER CONDENSING UNIT	208	1	15MCA	3600W	3/4"C-3#10	A31,33	30A-2P	
42	1-FREEZER EVAPORATOR UNIT	208	1	7.8MCA	1872W	1/2"C-3#12	A35,37	15A-2P	
	1-FREEZER CONDENSING UNIT	208	1	15MCA	3600W	3/4"C-3#10	A39,41	30A-2P	

NOTE: ELECTRICAL CONTRACTOR TO CONFIRM ALL KITCHEN EQUIPMENT LOADING, TYPE OF CONNECTION, ETC WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN & INSTALLATION AND MAKE NECESSARY ADJUSTMENTS TO SUIT.

MECHANICAL EQUIPMENT SCHEDULE

UNIT NO.	DESCRIPTION	MOTOR LOAD	PHASE	VOLT	CIRCUIT	BREAKER	FEEDER	REMARKS
CU 1	CONDENSING UNIT	12.5MCA	1	208	C1,3	20A-2P	1/2"C-3#12	
CU 2	CONDENSING UNIT	12.5MCA	1	208	B1,3	20A-2P	1/2"C-3#12	
EF 1	EXHAUST FAN	3/4hp	3	208	A49,51,53	15A-3P	1/2"C-3#12	ACTIVATED BY KEYED SWITCH. PROVIDE AIR PROOFING SWITCH FOR REVERSE INTERLOCK WITH MUA-1
F 1	FURNACE FAN	1/4hp	1	120	C5	15A-1P	1/2"C-2#12	
F 2	FURNACE FAN	1/4hp	1	120	B5	15A-1P	1/2"C-2#12	
MUA 1	MAKE UP AIR UNIT	1hp	3	208	A55,57,59	15A-3P	1/2"C-3#12	TIED TO KITCHEN LIGHT SWITCH VIA RELAY SUCH THAT SYSTEM WILL OPERATE WHEN EVER LIGHT SWITCH IS ENERGIZED
PS 1	WATER PRESSURE SYSTEM PUMP	1/2hp	1	120	A20	25A-1P	3/4"C-2#10	
PS 2	WATER PRESSURE SYSTEM PUMP	1/2hp	1	120	A22	25A-1P	3/4"C-2#10	

ELECTRIC HEATER SCHEDULE

- FF1 ELECTRIC FORCE FLOW HEATER "CHROMALOX" RF1840D21
CAPACITY: 4.0KW 208/1/60
C/W BUILT IN THERMOSTAT & SURFACE ADAPTOR
- FF2 ELECTRIC FORCE FLOW HEATER "CHROMALOX" RF1820D31
CAPACITY: 2.0KW 208/1/60
C/W BUILT IN THERMOSTAT & SURFACE ADAPTOR
- BB1 ELECTRIC BASEBOARD HEATER "CHROMALOX" BN2805W11
CAPACITY: 0.5KW 120/1/60
C/W BUILT IN THERMOSTAT

NOTE:
ALL ABOVE HEATERS TO BE SUPPLIED & INSTALLED BY ELECTRICAL CONTRACTOR.

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WILLIAMS SCOTSMAN OF CANADA, INC. CALGARY ALBERTA CANADA	
PROJECT: WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER	
TITLE: EQUIPMENT SCHEDULES	
Drawn By: GS	Date: 10/04/06
Project No: ACE 26055	Scale: 1/8"=1'-0"
Drawing No:	E03

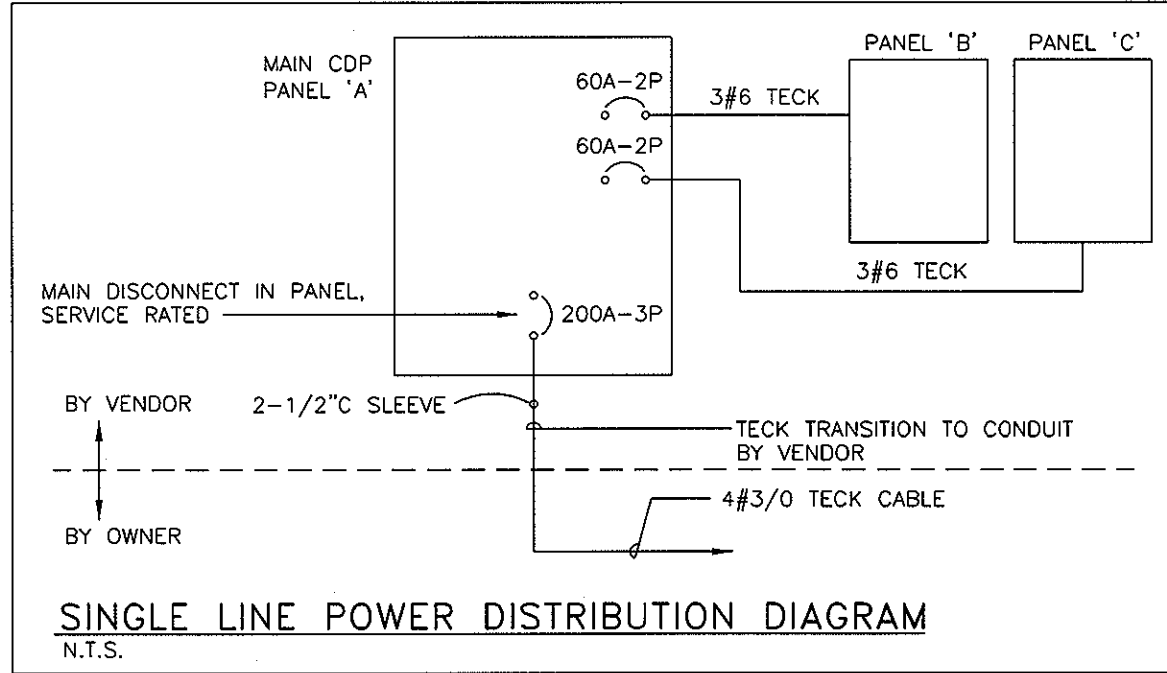
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PANEL A VOLTS 120/208 PHASE 3 WIRE 4 FEEDER SIZE 4#3/0 TECK										
DESCRIPTION	WATTS	TRIP AMPS	A	B	C	TRIP AMPS	WATTS	DESCRIPTION		
CONV. OUTLETS	600	15	1	2		15	800	LIGHTING -KITCHEN/MECH		
HW-1 CONTROL CCT	600	15	3	4		15	450	LIGHTING -CANOPY/COOLER		
COUNTER OUTLETS	400	15	5	6		15	285	EXTERIOR LIGHTING		
CONVECTION OVEN LPG #17	1128	15	7	8		15	30	EXIT/EMERG. LIGHTS		
GAS RANGE #21	816	15	9	10		30	2000	FF-1		
REFRIG. DISPLAY CASE #30	470	15	11	12			2000			
COUNTER OUTLETS	600	15	13	14		15	500	BB-1		
HOT FOOD SERVER #22	1200	15	15	16		15	1000	FF-2		
FOOD WARMER HEAT LAMPS #23	600	15	17	18			1000			
COUNTER OUTLETS	600	15	19	20		25	1176	PS-1		
MILK DISPENSER #26	150	15	21	22		25	1176	PS-2		
JUICE DISPENSER #25	400	15	23	24		15	1000	HEAT TRACE		
WATER STATION #28	1000	15	25	26		15	1000	HEAT TRACE		
COOLER EVAP. #41	240	15	27	28		60	3860	PANEL B		
	240		29	30			4920			
COOLER C/U #41	1800	30	31	32		60	3090	PANEL C		
	1800		33	34			4420			
FREEZER EVAP. #42	936	15	35	36		15	400	FREEZER DOOR		
	936		37	38		30	2256	DISHWASHER #34		
FREEZER C/U #42	1800	30	39	40			2256			
	1800		41	42			2256			
COFFEE URN #27	2640	30	43	44		40	4000	DISHWASHER BOOSTER HEATER		
	2640		45	46			4000			
	2640		47	48			4000			
EF-1	370	15	49	50						
	370		51	52						
	370		53	54						
MUA-1	475	15	55	56						
	475		57	58						
	475		59	60						
PANEL CPM AMPS/φ :A 23001 B 29253 C 24192 MAINS : 225A										

PANEL B VOLTS 120/208 PHASE 1 WIRE 3 FEEDER SIZE 3#6 TECK										
DESCRIPTION	WATTS	TRIP AMPS	A	B	TRIP AMPS	WATTS	DESCRIPTION			
CONDENSING UNIT CU-2	1500	20	1	2	15	60	EXIT/EMERG. LIGHTS			
	1500		3	4	15	1120	LIGHTING -DINING/STORAGE			
FURNACE F-2	700	15	5	6	15	600	HEAT TRACE			
CONV. OUTLETS	1000	15	7	8						
CONV. OUTLETS	1000	15	9	10						
ICE MACHINE #8	1300	15	11	12						
			13	14						
			15	16						
			17	18						
			19	20						
			21	22						
			23	24						
			25	26						
			27	28						
			29	30						
PANEL AMPS/φ :A 3860 B 4920 MAINS : 125A										

DESCRIPTION	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
LIGHTING	3,775 W	100%	3,775 W
POWER	53,884 W	60%	32,330 W
MECHANICAL	12,287 W	100%	12,287 W
ELEC. HEAT	6,500 W	100%	6,500 W
TOTAL	76,446 W		54,892 W

PANEL C VOLTS 120/208 PHASE 1 WIRE 3 FEEDER SIZE 3#6 TECK										
DESCRIPTION	WATTS	TRIP AMPS	A	B	TRIP AMPS	WATTS	DESCRIPTION			
CONDENSING UNIT CU-1	1500	20	1	2	15	90	EXIT/EMERG. LIGHTS			
	1500		3	4	15	1120	LIGHTING -DINING			
FURNACE F-1	700	15	5	6						
CONV. OUTLETS	1000	15	7	8						
CONV. OUTLETS	800	15	9	10						
EXT. WP RECEPTACLE	800	15	11	12						
			13	14						
			15	16						
			17	18						
			19	20						
			21	22						
			23	24						
			25	26						
			27	28						
			29	30						
PANEL AMPS/φ :A 3090 B 4420 MAINS : 125A										



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PROJECT:			
WILLIAMS SCOTSMAN FLEET 36' x 60' KITCHEN/DINER			
TITLE:			
PANEL SCHEDULES & SINGLE LINE DIAGRAM			
Drawn By:	GS	Date:	10/04/06
Project No:	ACE 26055	Scale:	1/8"=1'-0"
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E04			

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