0175

BRASS FILL BOX SET IN CONCRETE PAD

MANHOLE

OIL TANK VENT RISE UP WALL & TERMINATE WITH U BEND

PIPES BELOW GRADE

GRADE PIPES ⅛" PER FOOT DOWN TO TANK

SEE DRWG M13 FOR GENERATOR ROOM DETAILS

GAUGE CONDUIT

OIL STORAGE TANK - FOR MOUNTING DETAILS SEE DRAWING M12

TANK GAUGE ON WALL

SEE DRWGS M12 & M13 FOR FURTHER DETAILS

TO DAMPERS

EXHAUST FAN AT HIGH LEVEL OVER DOOR

24"x 20" OPENING AT HIGH LEVEL IN WALL

24"x 20" OPENING WITH FILTER TO ALLOW CEILING SPACE AIR TO ENTER TELEPHONE ROOM

48X18 RETURN AIR OPENING COVER WITH EXPANDED METAL MESH

REV. 1

48X36 R.A. DUCT

30X18 RETURN AIR OPENING WITH EXPANDED METAL MESH

29½ GENERAL EXHAUST DUCT

5'x5' KITCHEN EXHAUST HOOD

FOR HEATING UNITS & PIPING SERVING LEVEL 1 CENTRE AREA SEE PLAN ON M10

SEE DRAWING M6 FOR CONTINUATION OF THESE DUCTS

SEE DRAWING M6 FOR CONTINUATION OF PIPES & DUCTS

LEVEL 1 ZONE HEATING PIPING IN CEILING SPACE SERVING DOWN TO HEATING UNITS AT FLOOR LEVEL

SEE M8 FOR DETAIL

48X18 RETURN AIR OPENING

REV. 1

48X36 R.A. DUCT

30X18 R.A. OPENING

SEE DRAWING M6 FOR CONTINUATION OF THESE DUCTS

SEE DRAWING M6 FOR CONTINUATION OF PIPES & DUCTS

GENERAL NOTE :- ALL RISERS FROM HEATING UNITS TO BE INSTALLED BEHIND WALL FINISH - STUDY ARCHITECTURAL DETAILS

3" PRIMARY HEATING SUPPLY & RETURN
4" PRIMARY CHILLED SUPPLY & RETURN
1" STEAM SUPPLY
2" HOT LINE SUPPLY
FROM VERTICAL SHAFT - SEE M6 FOR CONTINUATION

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD. A FIRE DAMPERS IN SHAFT SIDEWALLS NOT AT SLAB PENETRATION

PROJECT NO. 5057

DATE	SCALE
APR 74	1/8" = 1'-0"
DRAWN	CHECK
B.S	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE EAST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING M 1

87

GRADE PIPES 1/8" PER FOOT DOWN TO TANK

PIPES BELOW GRADE

MANHOLE

BRASS FILL BOX SET IN CONCRETE PAD

OIL TANK VENT RISE UP WALL & TERMINATE WITH U BEND

SEE DRWG. M13 FOR GENERATOR ROOM DETAILS

GAUGE CONDUIT

OIL STORAGE TANK - FOR MOUNTING DETAILS SEE DRAWING M12

TANK GAUGE ON WALL

TO DAMPERS

SEE DRWGS. M12 & M13 FOR FURTHER DETAILS

EXHAUST FAN AT HIGH LEVEL - OVER DOOR

1" OIL SUCTION & RETURN IN CEILING SPACE

24" x 20" OPENING AT HIGH LEVEL IN WALL

24" x 20" OPENING WITH FILTER TO ALLOW CEILING SPACE AIR TO ENTER TELEPHONE ROOM

48"x18" RETURN AIR OPENING COVER WITH EXPANDED METAL MESH

REV 1

36"x18" RETURN AIR OPENING COVER WITH EXPANDED METAL MESH

48"x36" R.A. DUCT

28"x12" GENERAL EXHAUST DUCT

6'x5' KITCHEN EXHAUST HOOD

FOR HEATING UNITS & PIPING SERVING LEV. 1 CENTRE AREA SEE PLAN ON M10

LEVEL 1 ZONE HEATING PIPING IN CEILING SPACE SERVING DOWN TO HEATING UNITS AT FLOOR LEVEL

1 DG IN TOP OF DOOR - 1 DG IN BOTTOM OF DOOR

SEE M8 FOR DETAIL

48"x18" RETURN AIR OPENING

REV 1

48"x36" R.A. DUCT

36"x18" R.A. OPENING

SEE DRAWING M6 FOR CONTINUATION OF PIPES & DUCTS

SEE DRAWING M6 FOR CONTINUATION OF THESE DUCTS

SEE DRAWING M6 FOR CONTINUATION OF THESE DUCTS

SEE DRAWING M6 FOR CONTINUATION OF PIPES & DUCTS

GENERAL NOTE :- ALL RISERS FROM HEATING UNITS TO BE INSTALLED BEHIND WALL FINISH - STUDY ARCHITECTURAL DETAILS

3" PRIMARY HEATING SUPPLY & RETURN
4" PRIMARY CHILLED SUPPLY & RETURN
1" STEAM SUPPLY
2" HOT LINE SUPPLY
FROM VERTICAL SHAFT - SEE M6 FOR CONTINUATION

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS

NO.	DATE	DESCRIPTION
1	30 AUG. 74	ADD. A FIRE DAMPERS IN SHAFT SIDEWALLS NOT AT SLAB PENETRATION

PROJECT NO. 9857

DATE: 1 APR. 74 | SCALE: 1/8" = 1'-0"

DRAWN: B.S | CHECK:

APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE

LEVEL ONE EAST - HEATING & AIR CONDITIONING

PROJECT TITLE

TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.

M 5

A

0177

BRASS FILL BOX SET IN CONCRETE PAD

MANHOLE

OIL TANK VENT RISE UP WALL & TERMINATE WITH U BEND

GRADE PIPES ⅛" PER FOOT DOWN TO TANK

PIPES BELOW GRADE

SEE DRWG. M13 FOR GENERATOR ROOM DETAILS

GAUGE CONDUIT

OIL STORAGE TANK - FOR MOUNTING DETAILS SEE DRAWING M12

TANK GAUGE ON WALL

TO DAMPERS

SEE DRWGS. M12 & M13 FOR FURTHER DETAILS

EXHAUST FAN AT HIGH LEVEL - OVER DOOR

1" OIL SUCTION & RETURN IN CEILING SPACE

24" x 20" OPENING AT HIGH LEVEL IN WALL

24" x 20" OPENING WITH FILTER TO ALLOW CEILING SPACE AIR TO ENTER TELEPHONE ROOM

48"x18" RETURN AIR OPENING COVER WITH EXPANDED METAL MESH

REV 1

36"x18" RETURN AIR OPENING COVER WITH EXPANDED METAL MESH

48"x36" R.A. DUCT

28" x 12" GENERAL EXHAUST DUCT

6'x5' KITCHEN EXHAUST HOOD

FOR HEATING UNITS & PIPING SERVING LEV. 1 CENTRE AREA SEE PLAN ON M10

LEVEL 1 ZONE HEATING PIPING IN CEILING SPACE SERVING DOWN TO HEATING UNITS AT FLOOR LEVEL

1 DG IN TOP OF DOOR - 1 DG IN BOTTOM OF DOOR

SEE M8 FOR DETAIL

48"x18" RETURN AIR OPENING

REV 1

48"x36" R.A. DUCT

36"x18" R.A. OPENING

SEE DRAWING M6 FOR CONTINUATION OF PIPES & DUCTS

SEE DRAWING M6 FOR CONTINUATION OF THESE DUCTS

SEE DRAWING M6 FOR CONTINUATION OF THESE DUCTS

SEE DRAWING M6 FOR CONTINUATION OF PIPES & DUCTS

GENERAL NOTE :- ALL RISERS FROM HEATING UNITS TO BE INSTALLED BEHIND WALL FINISH :- STUDY ARCHITECTURAL DETAILS

3" PRIMARY HEATING SUPPLY & RETURN
4" PRIMARY CHILLED SUPPLY & RETURN
1" STEAM SUPPLY
2" HOT LINE SUPPLY
FROM VERTICAL SHAFT - SEE M6 FOR CONTINUATION

KEY PLAN

Public Works Travaux publics Canada Canada Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD. A FIRE DAMPERS IN SHAFT SIDEWALLS NOT AT SLAB PENETRATION

PROJECT NO. 9857

DATE 1 APR. 74 | SCALE 1/8" = 1'-0"

DRAWN B.S | CHECK

APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE EAST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 5
A

cut here coupez ici

420 x 594 mm international A2

inches 0 1 2 3 4 5 6 7 8 pouces

4 5 6 7 8 9

TYPICAL

160 / 5' / S9

LENGTH OF DIFFUSER = 5'
SUPPLIES 160 CFM
CONNECTED TO VARIABLE VOLUME BOX S9

TYPICAL

W T S14 S16

THERMOSTAT CONTROLS VARIABLE VOLUME BOXES S14 & S16
WALL MOUNTED

DELETE TIG DOOR GRILLES

3/4" ϕ RETURN TO HIGH LEVEL MAIN

DELETE R20 AND SUBSTITUTE R2 FULL LENGTH OF WALL

REVISE SPRINKLER HEAD LOCATIONS TO SUIT NEW PARTITION LAYOUT

1" ϕ SUPPLY DROP (3/4" ϕ TO EACH RUN OF RADIATION)

THE AIR OUTLETS NOT SHOWN ARE TO REMAIN AS THE ORIGINAL M-5 DRAWING.

RELOCATED R32 (SEE DRAWING M-10)

RELOCATED R17

1/2 SUPPLY & RETURN TO RADIATORS IN WALL THICKNESS

NEW RADIATION IDENTICAL TO R17

NOTES

1. HIGH VELOCITY DUCTWORK, RETANGULAR LOW VELOCITY DUCTWORK AND VARIABLE VOLUME BOXES TO REMAIN (IF POSSIBLE) IN THEIR PRESENTLY INSTALLED POSITIONS.
2. RESET THE VARIABLE VOLUME BOXES TO THE FOLLOWING CFM SCHEDULE:-

NO.	OLD MAX. VOLUME	NEW MAX. VOLUME	NO.	OLD MAX. VOLUME	NEW MAX. VOLUME
S9	242 CFM	342 CFM	S14	240 CFM	252 CFM
S10	473 "	425 CFM	S15	443 "	483 "
S11	636 "	650 "	S16	360 "	378 "
S12	464 "	300 "	S17	585 "	544 "
S13	720 "	805 "	S18	500 "	473 "
			S26	440 "	490 "
			S31	334 "	300 "

MINIMUM CFM TO BE SET TO 25% OF MAX. VOLUME.

centimetres 0 2 4 6 8 10 12 14 16 18 20 centimetres

DPW A2

Public Works Canada / Travaux publics Canada

office
bureau

consultant
expert-conseil

seal
sceau

designed by / conçu par — L. FARRANT

drawn by / dessiné par — B SANDHU — JUNE 1975

approved by / approuvé par — date

scale / échelle 1/8" = 1'-0"

A detail no. / no. du détail
B sheet no. – where detail required / no. de la feuille – où détail exigé
C sheet no. – where detailed / no. de la feuille – où détaillé

revisions
révisions

REVISIONS TO LAYOUT DUE TO PARTITION CHANGES

project
projet

TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y. T.

drawing
dessin

LEVEL 1 - EAST HEATING

project No. du projet	sheet No. de la feuille
89857	M-5 R1

0178

106

cut here
couper ici

international A2 420 x 594 mm

inches 0 1 2 3 4 5 6 7 8 pouces

C

4 5 6 7 8 9

B

C

TYPICAL

5' 160 S9

LENGTH OF DIFFUSER = 5'
SUPPLIES 160 CFM
CONNECTED TO VARIABLE VOLUME BOX S9

TYPICAL

W T S14 S16

THERMOSTAT CONTROLS VARIABLE VOLUME BOXES S14 & S16
WALL MOUNTED

DELETE T16 DOOR GRILLES

3/4"ϕ RETURN TO HIGH LEVEL MAIN

2'

DELETE R20 AND SUBSTITUTE R2 FULL LENGTH OF WALL

2'

REVISE SPRINKLER HEAD LOCATIONS TO SUIT NEW PARTITION LAYOUT

1½'

1"ϕ SUPPLY DROP (3/4"ϕ TO EACH RUN OF RADIATION)

THE AIR OUTLETS NOT SHOWN ARE TO REMAIN AS THE ORIGINAL M-5 DRAWING.

RELOCATED R32 (SEE DRAWING M10)

RELOCATED R17

½" SUPPLY & RETURN TO RADIATORS IN WALL THICKNESS

NEW RADIATION IDENTICAL TO R17

NOTES

1. HIGH VELOCITY DUCTWORK, RETANGULAR LOW VELOCITY DUCTWORK AND VARIABLE VOLUME BOXES TO REMAIN (IF POSSIBLE) IN THEIR PRESENTLY INSTALLED POSITIONS.
2. RESET THE VARIABLE VOLUME BOXES TO THE FOLLOWING CFM SCHEDULE:-

NO.	OLD MAX. VOLUME	NEW MAX. VOLUME
S9	242 CFM	342 CFM
S10	473 "	425 CFM
S11	636 "	650 "
S12	484 "	300 "
S13	720 "	805 "
MINIMUM CFM TO BE SET TO 25% OF MAX. VOLUME.		

NO.	OLD MAX. VOLUME	NEW MAX. VOLUME
S14	240 CFM	252 CFM
S15	443 "	483 "
S16	360 "	378 "
S17	555 "	544 "
S18	500 "	473 "
S26	640 "	690 "
S31	334 "	300 "

centimetres 0 2 4 6 8 10 12 14 16 18 20 centimetres

DPW A2

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expert-conseil

seal
sceau

designed by conçu par	L. FARRANT	
drawn by dessiné par	B SANDHU	JUNE 1975
approved by approuvé par		date

scale
échelle 1/8" = 1'-0"

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C sheet no. – where detailed no. de la feuille – où détaillé

revisions
révisions

REVISIONS TO LAYOUT DUE TO PARTITION CHANGES

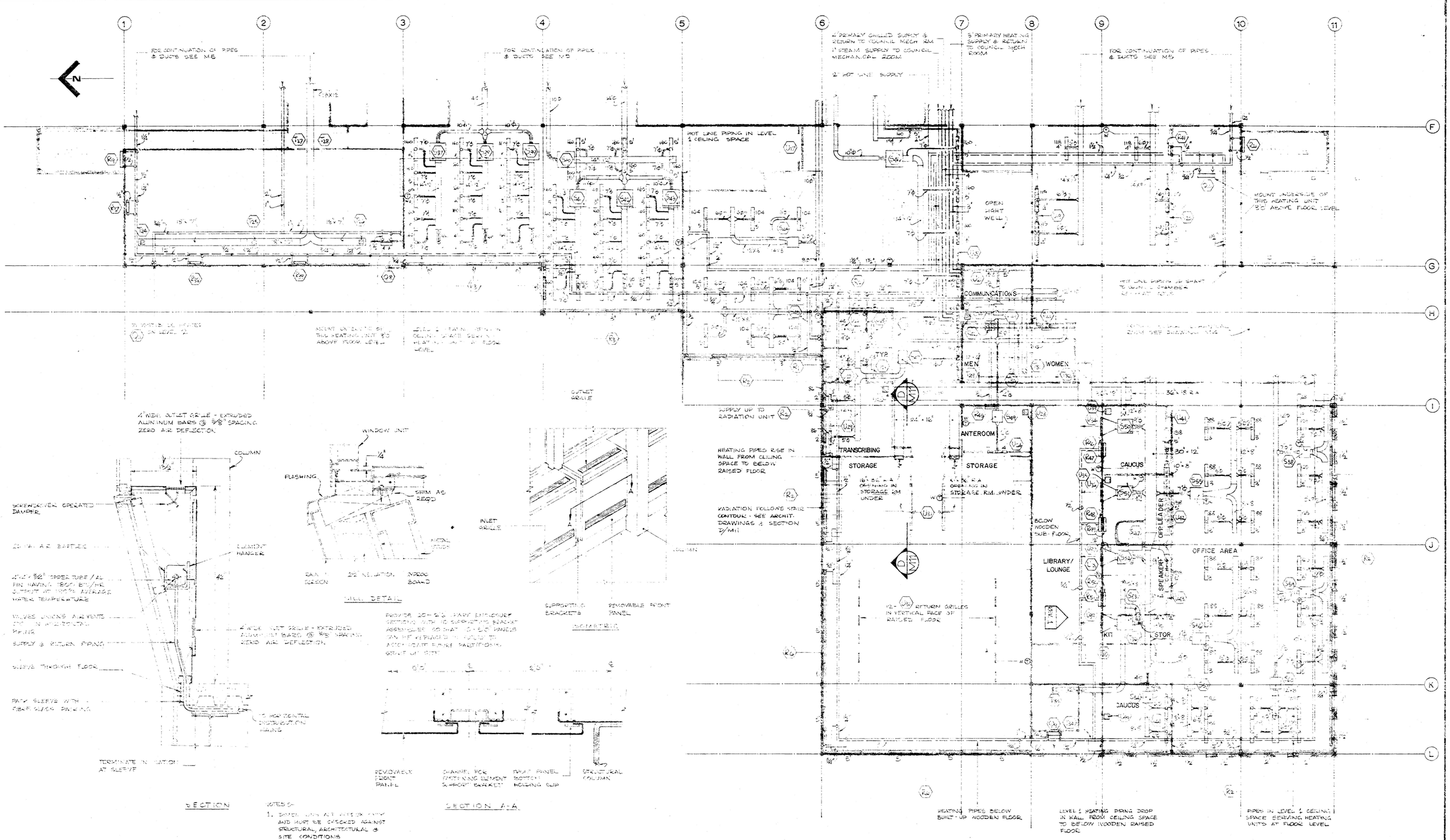
project
projet

TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y. T.

drawing
dessin

LEVEL 1 - EAST HEATING

project No. du projet	sheet No. de la feuille
89857	M-5 R1



PROVIDE 20-GA G.I. PANEL ENCLOSURE VERTICALLY WITH 10 SUPPORTING BRACKET ASSEMBLIES SO THAT G.I. PANELS CAN BE REMOVED TO GIVE ACCESS TO ACCOMPANYING PIPING PARTITIONING GRILLE OR UNIT

NOTES:-
1. DIMENSIONS ARE APPROX ONLY AND MUST BE CHECKED AGAINST STRUCTURAL, ARCHITECTURAL & SITE CONDITIONS.
2. GENERAL ENCLOSURE CONSTRUCTION SHALL BE 20 GA G.I.P.S.
3. LOCATION NOTED THUS (R7) ALSO APPLY TO RADIATION (R7)

RADIATION R7
N.T.S.

KEYPLAN

REVISIONS		PROJECT NO.		
NO.	DATE	DESCRIPTION		
1	80 AUG 26	ADD - HEATING PIPES SERVING R24 TO BE RELOCATED BELOW LIBRARY/LOUNGE FLOOR	DATE APR 78	SCALE 1/4"=1'0"
			DRAWN BS	CHECK
			APPROVED	

Public Works Canada / Travaux publics Canada
Pacific Region

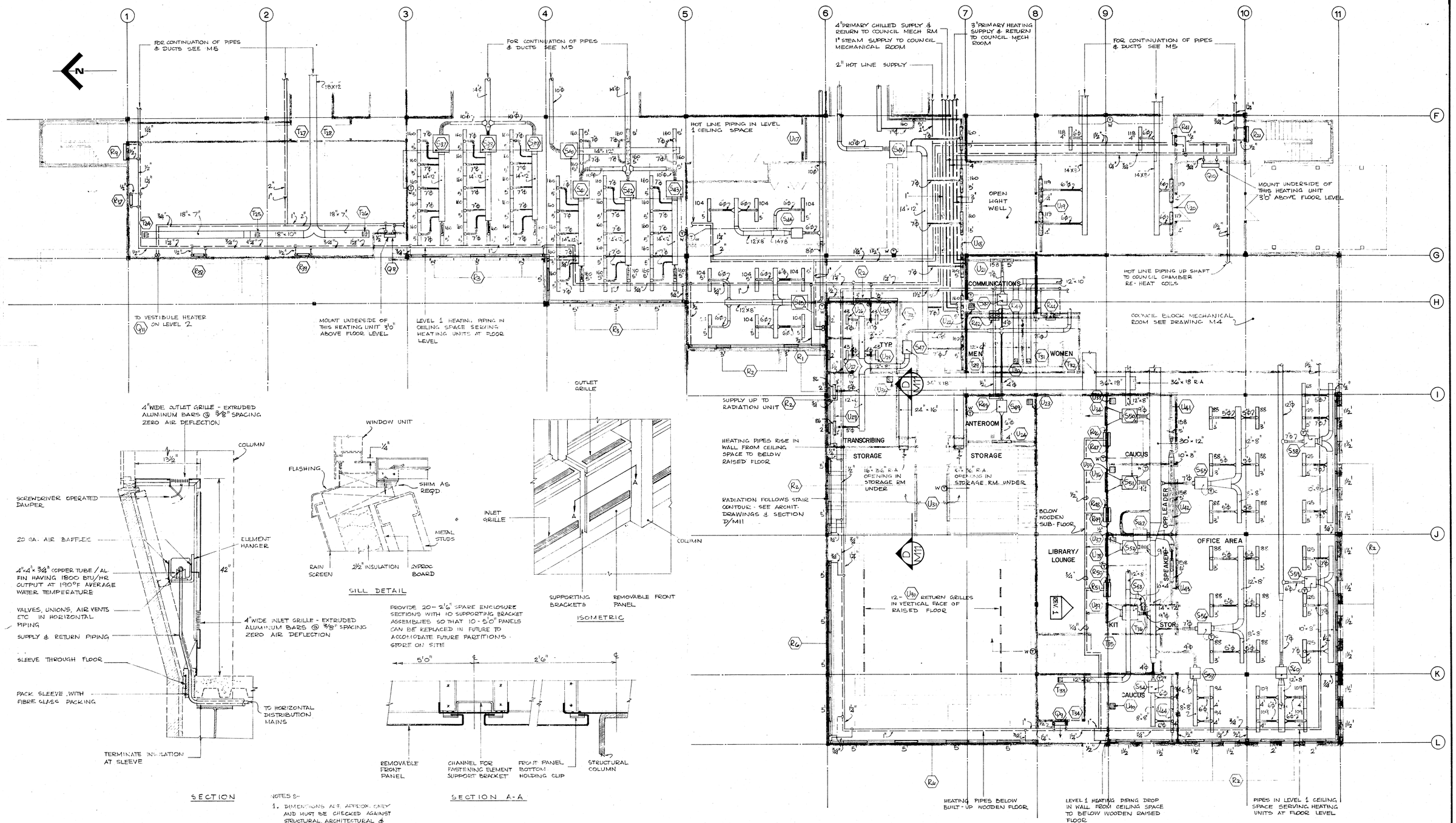
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE WEST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M6
A

88



PROVIDE 20 - 2'6" SPARE ENCLOSURE SECTIONS WITH 10 SUPPORTING BRACKET ASSEMBLIES SO THAT 10 - 5'0" PANELS CAN BE REPLACED IN FUTURE TO ACCOMODATE FUTURE PARTITIONS - STORE ON SITE

NOTES :-

1. DIMENSIONS ARE APPROX. ONLY AND MUST BE CHECKED AGAINST STRUCTURAL, ARCHITECTURAL & SITE CONDITIONS.
2. GENERAL ENCLOSURE CONSTRUCTION SHALL BE 16 GA. C.R.S.
3. RADIATION NOTES SHOWN ON M12 ALSO APPLY TO RADIATION (R7)

RADIATION (R7)
N.T.S.

KEY PLAN

Public Works Canada Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD. 1 HEATING PIPES SERVING R46 TO R51 RELOCATED BELOW LIBRARY/LOUNGE FLOOR

PROJECT NO. 30357
DATE 1 APR. 74 | SCALE 1/8" = 1'-0"
DRAWN B.S | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE WEST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M6
A

cut here
couper ici

international A2 420 x 594 mm

inches 0 1 2 3 4 5 6 7 8 pouces

C

EXISTING HOT LINE SUPPLY & RETURN.

G

BREAK INTO EXISTING MAINS WITH NEW 3/4" BRANCH CONNECTIONS.

INCREASE SIZE OF THIS SUPPLY PIPE FROM 1/4" TO 1 1/2"

H

EXISTING FEEDS TO VESTIBULE HEATER OVER

I

MARK - HOT HORIZONTAL UNIT HEATER H-40, 40 MBH, 200°F SUPPLY WATER, 4 GPM 1120 CFM, 1550 RPM, 1/12 HP 115V/1/60 HZ

LINE VOLTAGE ROOM THERMOSTAT - MOUNT ADJACENT TO ACCESS OPENING

TRANSFORMING ROOM

18" x 18" HIGH LEVEL OPENING THROUGH WALL WITH GRILLE ON SOUTH FACE OF WALL

STORAGE ROOM

GRILLES TO BE AS PRESENTLY APPROVED FOR EXHAUST C/W MOUNTING FRAMES

18" x 18" DUCT C/W 1" INTERNAL ACOUSTIC LINING & TURNING VANE - SUPPORT DUCT FROM FLOOR

18" x 48" LOW LEVEL OPENING THROUGH WALL WITH GRILLE AT WALL FACE

4'0" OF STRAIGHT DUCT TO FAN INLET

J

FLEXIBLE CONNECTION

FACTORY SUPPLIED FAN OUTLET GUARD

FAN - GREENHECK MODEL SQD-12-B 1000 CFM, 1/8 HP, 115V/1/60 HZ 1140 RPM C/W ACOUSTIC LINING TO FAN HOUSING & FACTORY SUPPLIED BASE SUPPORT VIBRATION ISOLATORS - PROVIDE SHOP DRAWINGS

COUNCIL CHAMBER

EXTEND SPRINKLER SYSTEM INTO NEW STORAGE ROOM

NEW STORAGE ROOM UNDER MAIN ENTRY RAMP

K

NOTE :- QUALITY OF WORKMANSHIP, MATERIALS TESTING ETC. ARE ALL TO BE AS PHASE 2 MAIN CONTRACT DOCUMENTS

5 PART PLAN 6

DPW A2

centimetres 0 2 4 6 8 10 12 14 16 18 20 centimètres

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seal
sceau

designed by / conçu par: Len Favrant

drawn by / dessiné par: Len Favrant

approved by / approuvé par: date

scale / échelle: 1/8" = 1 Foot

A detail no. / no. du détail
B sheet no. – where detail required / no. de la feuille – où détail exigé
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revisions
révisions
ADDITION OF NEW STORAGE ROOM UNDER MAIN ENTRY RAMP

project
projet
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE Y.T

drawing
dessin
LEVEL 1 WEST
HEATING & AIR CONDITIONING

project No. du projet	sheet No. de la feuille
89857.	M6 - R1

FOR CONTINUATION OF PIPES & DUCTS SEE M5

4" PRIMARY CHILLED SUPPLY & RETURN TO COUNCIL MECH RM
1" STEAM SUPPLY TO COUNCIL MECHANICAL ROOM
2" HOT LINE SUPPLY
3" PRIMARY HEATING SUPPLY & RETURN TO COUNCIL MECH ROOM

HOT LINE PIPING IN LEVEL 1 CEILING SPACE

OPEN LIGHT WELL

MOUNT UNDERSIDE OF THIS HEATING UNIT 8'0" ABOVE FLOOR LEVEL

HOT LINE PIPING UP SHAFT TO COUNCIL CHAMBER RE-HEAT COILS

TO VESTIBULE HEATER ON LEVEL 2

LEVEL 1 HEATING PIPING IN CEILING SPACE SERVING HEATING UNITS AT FLOOR LEVEL

COUNCIL BLOCK MECHANICAL ROOM SEE DRAWING M4

SUPPLY UP TO RADIATION UNIT

HEATING PIPES RISE IN WALL FROM CEILING SPACE TO BELOW RAISED FLOOR

RADIATION FOLLOWS STAIR CONTOUR - SEE ARCHIT. DRAWINGS & SECTION D/M11

12 - RETURN GRILLES IN VERTICAL FACE OF RAISED FLOOR

HEATING PIPES BELOW BUILT-UP WOODEN FLOOR

LEVEL 1 HEATING PIPING DROP IN WALL FROM CEILING SPACE TO BELOW WOODEN RAISED FLOOR

PIPES IN LEVEL 1 CEILING SPACE SERVING HEATING UNITS AT FLOOR LEVEL

COMMUNICATIONS
MEN
WOMEN
ANTEROOM
TRANSCRIBING
STORAGE
CAUCUS
OPP LEADER
SPEAKER
LIBRARY/ LOUNGE
KIT
STOR
OFFICE AREA
BELOW WOODEN SUB-FLOOR

4" WIDE OUTLET GRILLE - EXTRUDED ALUMINUM BARS @ 3/8" SPACING ZERO AIR DEFLECTION

COLUMN
SCREWDRIVER OPERATED DAMPER
20 GA. AIR BAFFLES
ELEMENT HANGER
4"-4" x 3/4" COPPER TUBE / AL FIN HAVING 1800 BTU/HR OUTPUT AT 190°F AVERAGE WATER TEMPERATURE
VALVES, UNIONS, AIR VENTS ETC IN HORIZONTAL PIPING
SUPPLY & RETURN PIPING
SLEEVE THROUGH FLOOR
PACK SLEEVE WITH FIBRE GLASS PACKING
TO HORIZONTAL DISTRIBUTION MAINS
TERMINATE INSULATION AT SLEEVE

SECTION

WINDOW UNIT
FLASHING
SHIM AS REQ'D
METAL STUDS
RAIN SCREEN
2½" INSULATION
GYPROC BOARD

SILL DETAIL

OUTLET GRILLE
INLET GRILLE
COLUMN
SUPPORTING BRACKETS
REMOVABLE FRONT PANEL

ISOMETRIC

PROVIDE 20 - 2'6" SPARE ENCLOSURE SECTIONS WITH 10 SUPPORTING BRACKET ASSEMBLIES SO THAT 10 - 5'0" PANELS CAN BE REPLACED IN FUTURE TO ACCOMODATE FUTURE PARTITIONS - STORE ON SITE

5'0" ℄ 2'6" ℄

REMOVABLE FRONT PANEL
CHANNEL FOR FASTENING ELEMENT SUPPORT BRACKET
FRONT PANEL BOTTOM HOLDING CLIP
STRUCTURAL COLUMN

SECTION A-A

NOTES :-
1. DIMENSIONS ARE APPROX. ONLY AND MUST BE CHECKED AGAINST STRUCTURAL, ARCHITECTURAL & SITE CONDITIONS.
2. GENERAL ENCLOSURE CONSTRUCTION SHALL BE 16 GA. C.R.S.
3. RADIATION NOTES SHOWN ON M12 ALSO APPLY TO RADIATION R7

RADIATION
N.T.S.

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD. 1 HEATING PIPES SERVING R46 TO R51 RELOCATED BELOW LIBRARY/LOUNGE FLOOR

PROJECT NO. 30357
DATE 1 APR. 74 | SCALE 1/8" = 1'-0"
DRAWN B.S | CHECK
APPROVED

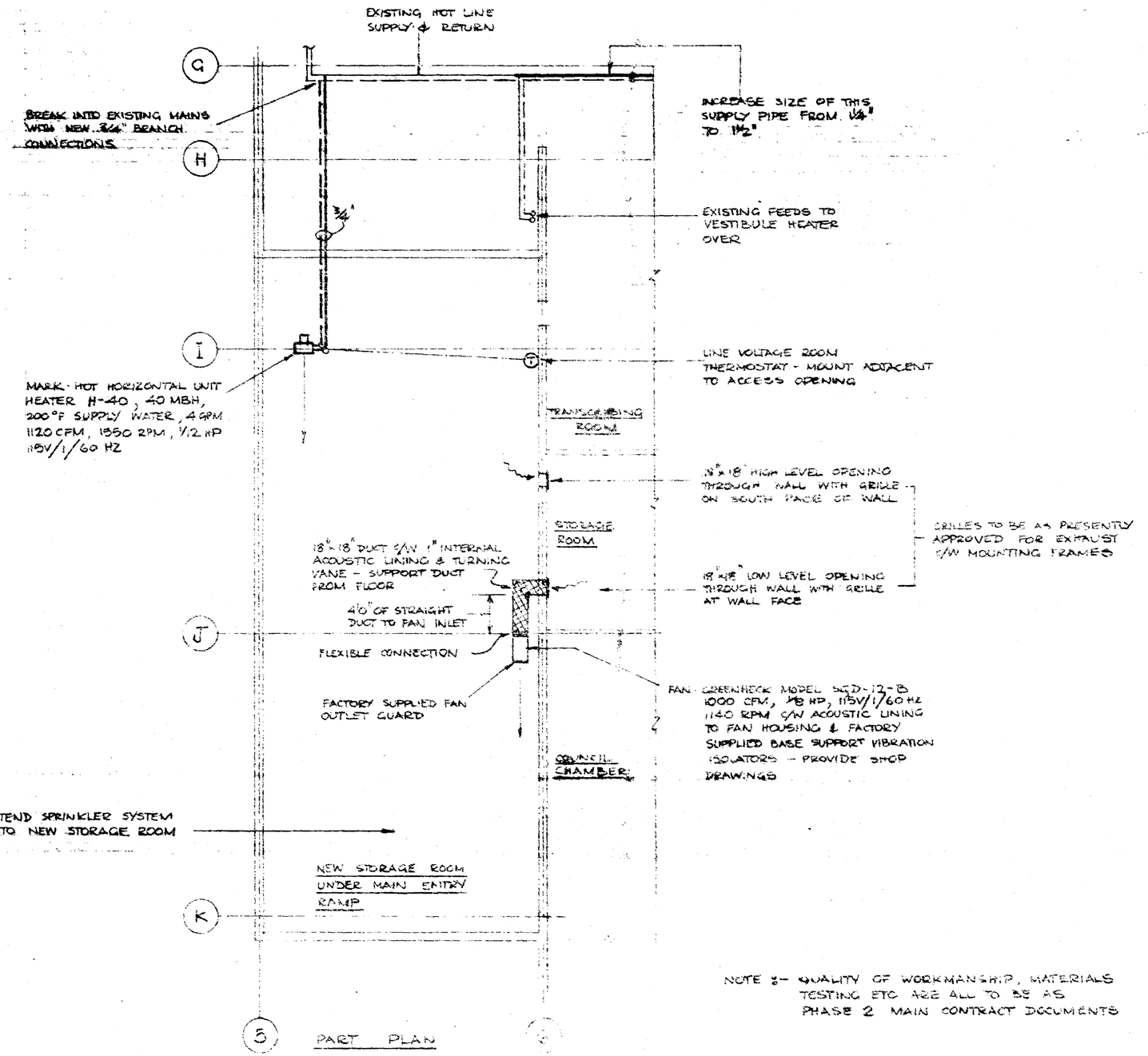
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE WEST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M6
A

cut here
couper ici
420 x 594 mm
international A2
inches 0 1 2 3 4 5 6 7 8 pouces
C



NOTE :- QUALITY OF WORKMANSHIP, MATERIALS TESTING ETC ARE ALL TO BE AS PHASE 2 MAIN CONTRACT DOCUMENTS

Public Works Canada / Travaux publics Canada

office
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consultant
expert-conseil

seal
sceau

designed by / conçu par: Lon Farrant

drawn by / dessine par: Lon Farrant

approved by / approuvé par: date

scale / échelle: 1/8" = 1 FOOT

A detail no. / no. du détail
B sheet no. – where detail required / no. de la feuille – où détail exigé
C sheet no. – where detailed / no. de la feuille – où détaillé

revisions
révisions
ADDITION OF NEW STORAGE ROOM UNDER MAIN ENTRY RAMP

project
projet
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE Y.T.

drawing
dessin
LEVEL 1 WEST
HEATING & AIR CONDITIONING

project No. du projet	sheet No. de la feuille
89857.	M6 - R1

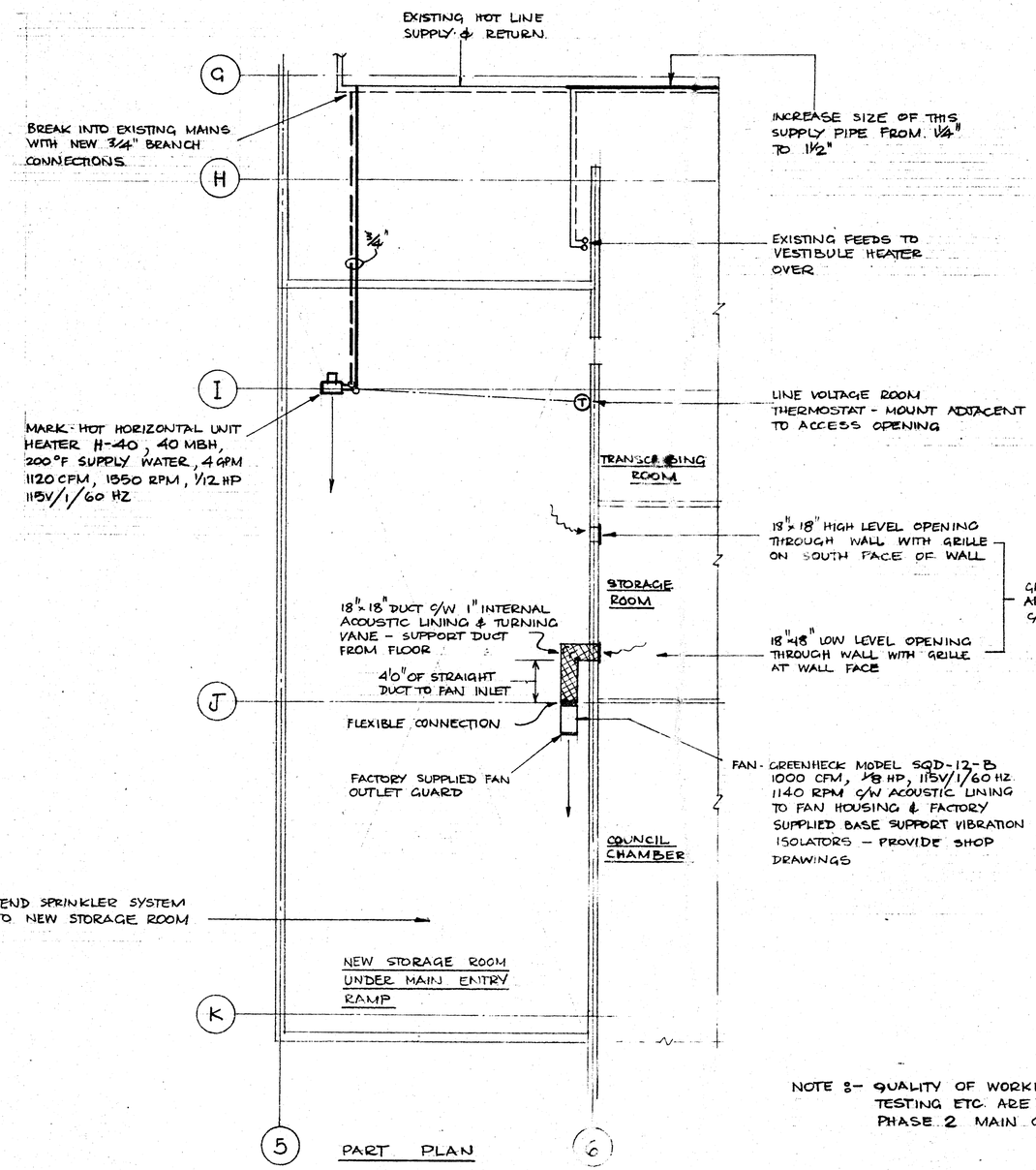
DPW A2
centimetres 0 2 4 6 8 10 12 14 16 18 20 centimètres
C

cut here
couper ici

international A2 420 x 594 mm

inches 0 1 2 3 4 5 6 7 8 pouces

C



PART PLAN

NOTE :- QUALITY OF WORKMANSHIP, MATERIALS TESTING ETC. ARE ALL TO BE AS PHASE 2 MAIN CONTRACT DOCUMENTS

DPW A2

centimetres 0 2 4 6 8 10 12 14 16 18 20 centimètres

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seal
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A detail no. / no. du détail
B sheet no. – where detail required / no. de la feuille – où détail exigé
C sheet no. – where detailed / no. de la feuille – où détaillé

revisions
révisions
ADDITION OF NEW STORAGE ROOM UNDER MAIN ENTRY RAMP

project
projet
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE Y.T.

drawing
dessin
LEVEL 1 WEST HEATING & AIR CONDITIONING

project No. du projet	sheet No. de la feuille
89857.	M6 - R1

STAIR # 2

STAIR # 3

LEVEL 2/3 HEATING PIPING IN LEVEL-2 CEILING SPACE-SERVING HEATING UNITS ON LEVEL-3 OVER

OFFICE AREA

RECORDS

VAULT 60'-0" x 16'-0" R.A.

OFFICE AREA

DUCT SHAFT

CONFERENCE

MEN

WOMEN

STAIR # 6

ELEV #1

FIRST AID

OFFICE AREA

RECORDS

DUCT SHAFT

RECORDS

CONFERENCE

MEN

WOMEN

ELEV #2

JAN

CORR

OFFICE AREA

STAIR #1

STAIR #4

PIPING IN LEVEL-2 CEILING SPACE - HOT LINE SYSTEM - SERVING VARIABLE VOLUME BOX RE-HEAT COILS

SEE TYPICAL VALVE AND RE-HEAT COIL HOOK UP SHOWN ON SHEET M12

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.	39557
DATE	SCALE
1 APR. 74	1/8" = 1'-0"
DRAWN	CHECK
B.S	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO EAST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 7

LEVEL 2/3 HEATING PIPING IN LEVEL-2 CEILING SPACE-SERVING HEATING UNITS ON LEVEL-3 OVER

PIPING IN LEVEL-2 CEILING SPACE - HOT LINE SYSTEM - SERVING VARIABLE VOLUME BOX RE-HEAT COILS

SEE TYPICAL VALVE AND RE-HEAT COIL HOOK UP SHOWN ON SHEET M12.

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

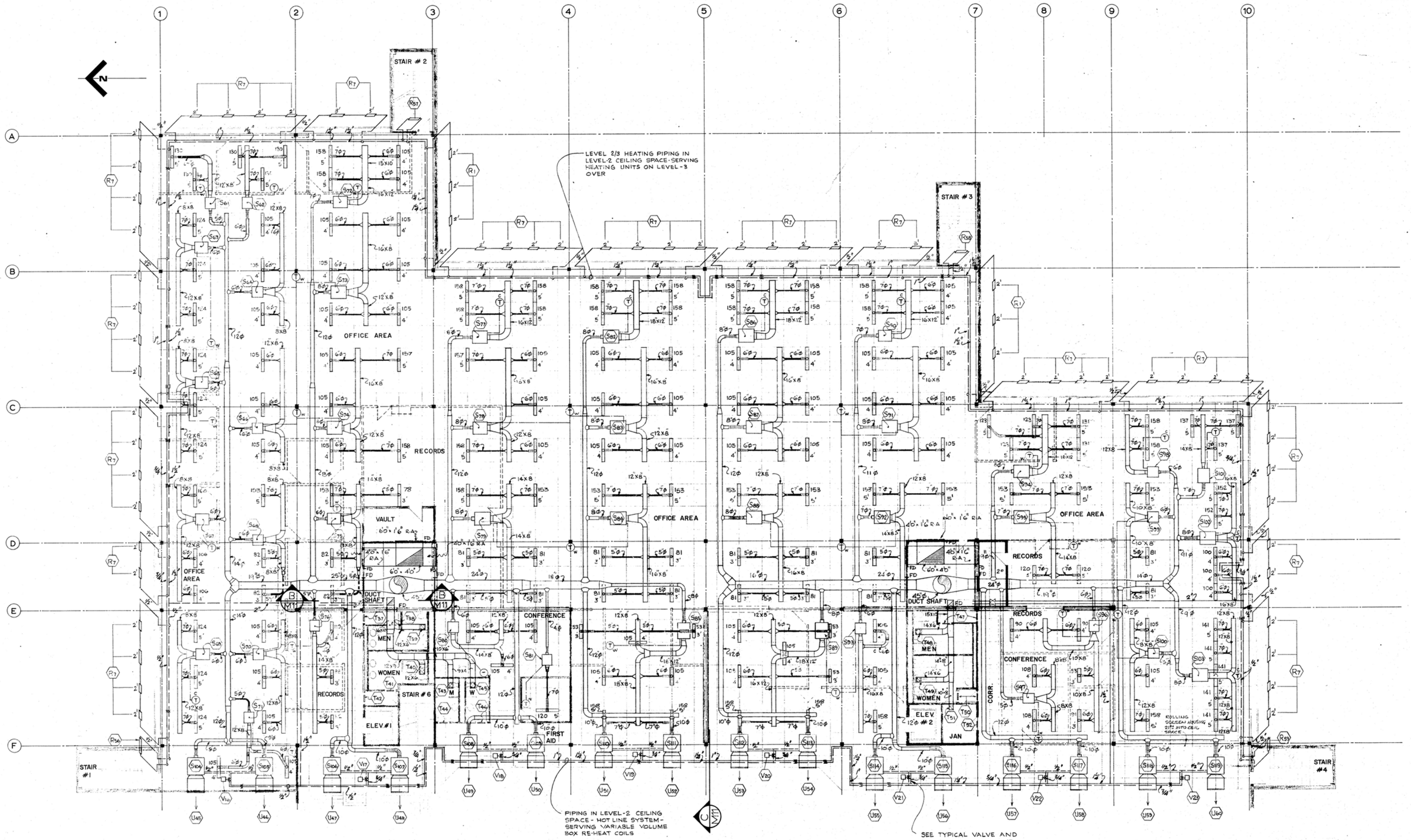
PROJECT NO. 39857
DATE 1 APR. 74 | SCALE 1/8" = 1'-0"
DRAWN B.S | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO EAST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 7



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.	9857
DATE	1 APR. 74
SCALE	1/8" = 1'-0"
DRAWN	B.S
CHECK	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO EAST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 7

MOUNT UNDERSIDE OF UNIT 3'0" ABOVE FLOOR LEVEL

WALL TO BE REMOVED, RELOCATE ALL AFFECTED MECHANICAL EQUIPMENT

REMOVE FORCE-FLO IN EXISTING LIBRARY & ASSOCIATED DUCTS, PIPES, VALVES, GRILLES ETC

SEE TYPICAL RADIATION DETAIL ON THIS SHEET

SEE DETAIL ON SHEET M8 OF UNIT Q12.

SEE DRAWING M 10 FOR PIPING IN CEILING SPACE BELOW WHICH SERVES HEATING UNITS ON THIS LEVEL.

KEEP CLEAR OF ENTRY HATCH TO CEILING SPACE

INSTALL PIPE ANCHORS IN HOT LINE PIPES

LOCATE THIS VALVE ABOVE REMOVABLE TILE CEILING OF ADJACENT ROOM

REV. 1

RELIEF & EXHAUST COWL ON ROOF OVER SEE DETAIL ON THIS SHEET

10"ϕ DUCT UP TO ROOF COWL

SOUND BAFFLE IN RADIATION ENCLOSURE

SOUND BAFFLE IN RADIATION ENCLOSURE

SOUND BAFFLE IN RADIATION ENCLOSURE

SOUND BAFFLE IN RADIATION ENCL

EXHAUST COWL ON ROOF OVER

SOUND BAFFLE IN RADIATION ENCLOSURE

SEE ALSO M6 FOR THERMOSTAT LOCATIONS IN COUNCIL CHAMBER.

CAT WALK FULL LENGTH OF COUNCIL CHAMBER CEILING SPACE KEEP CLEAR

ENCLOSURE & ELEMENT TYPE (R1) FULL LENGTH OUTSIDE WALL IN THIS ROOM

FRONT OF ENCLOSURE TO BE FLUSH WITH FACE OF COLUMNS (MALL & LUNCH ROOM)

3" GAP BETWEEN COLUMN & ENCLOSURE END CAP

COLUMN

FURRING THROUGH LEVEL 1

TYPICAL PIPE DROP TO FEED RADIATION

HIDDEN PIPES ONLY TO BE INSULATED

TYPICAL FREESTANDING RADIATION TYPE (R3)

PIPING FOR LEVEL 1 LUNCH ROOM IS AS SHOWN ON THIS DETAIL

PIPING FOR LEVEL 2 MALL IS THROUGH FLOOR FROM LEVEL 1 CEILING SPACE

ENCLOSURE ENDS & EXPOSED PIPING TO BE PAINTED MATT BLACK.

THIS RADIATION FOLLOWS THE STAIR CONTOUR - SEE SECTION D on M11

FREE-STANDING RADIATION DETAIL

N.T.S.

LINEAR SLOT DIFFUSER MARKED (U) TO BE SUPPLIED BY MECHANICAL CONTRACTOR

SEM THROUGH BOOT (TYPICAL)

MECHANICAL TO PROVIDE BOOT & ASSOCIATED DIRECTIONAL & DAMPERING TONGUES

5' LENGTH OF BOOT (TYPICAL)

LINEAR SLOT GRIDS FORMING PART OF THE COFFERED CEILING SYSTEM ARE NOT IN THE MECHANICAL CONTRACT

AIR OUTLET KEY N.T.S

ENCLOSURE

ELEMENT

5' LENGTH OF ELEMENT - FEET (TYPICAL)

(R) RADIATION TYPE IDENTIFICATION

RADIATION KEY N.T.S

FEATURES SHOWN ON THIS DETAIL :- i.e. BACKDRAFT DAMPER, CAULKING, INTERNAL INSULATION ETC ALSO APPLY TO DUCTS CONNECTED TO COWLS (L9) & (L4)

EXTRUDED ALUMINUM LOUVRED COWL (L6)

FOR CURB & FLASHING ETC SEE DRWG M12

SEE DRAWING M12 FOR TYPICAL FLASHING DETAIL

APPLY INSULATION ON INSIDE OF DUCT FOR LAST 10'0" OF RUN

CAULK THOROUGHLY TO PREVENT ANY OUTSIDE AIR LEAKAGE INTO THE BUILDING

INSTALL BACKDRAFT DAMPERS IN DUCTS APPROX 5'0" FROM ROOF PENETRATION

REV. 2

48"x36" COUNCIL ZONE RELIEF

12"x12" EXHAUST

ROOF COWL DETAIL

N.T.S.

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD. A NOTE ADDED REGARDING LOCATION OF VALVE V27
2	30 AUG 74	ADD B ROOF COWL BACKDRAFT DAMPER LOCATION REVISED

PROJECT NO. 8957

DATE 1 APR. 74 | SCALE 1/8" = 1'-0"

DRAWN B.S. | CHECK

APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO WEST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 8
B

MOUNT UNDERSIDE OF UNIT 3'0" ABOVE FLOOR LEVEL

WALL TO BE REMOVED, RELOCATE ALL AFFECTED MECHANICAL EQUIPMENT

REMOVE FORCE-FLO IN EXISTING LIBRARY & ASSOCIATED DUCTS, PIPES, VALVES, GRILLES ETC

SEE TYPICAL RADIATION DETAIL ON THIS SHEET

SEE DETAIL ON SHEET M13 OF UNIT Q12.

SEE DRAWING M 10 FOR PIPING IN CEILING SPACE BELOW WHICH SERVES HEATING UNITS ON THIS LEVEL

KEEP CLEAR OF ENTRY HATCH TO CEILING SPACE

INSTALL PIPE ANCHORS IN HOT LINE PIPES

LOCATE THIS VALVE ABOVE REMOVABLE TILE CEILING OF ADJACENT ROOM

REV. 1

RELIEF & EXHAUST COWL ON ROOF OVER SEE DETAIL ON THIS SHEET

SOUND BAFFLE IN RADIATION ENCLOSURE

SOUND BAFFLE IN RADIATION ENCLOSURE

SOUND BAFFLE IN RADIATION ENCLOSURE

SOUND BAFFLE IN RADIATION ENCL.

EXHAUST COWL ON ROOF OVER

SOUND BAFFLE IN RADIATION ENCLOSURE

THIS RADIATION FOLLOWS THE STAIR CONTOUR - SEE SECTION D ON M11

SEE ALSO M6 FOR THERMOSTAT LOCATIONS IN COUNCIL CHAMBER

CAT WALK FULL LENGTH OF COUNCIL CHAMBER CEILING SPACE - KEEP CLEAR

ENCLOSURE & ELEMENT TYPE (R1) FULL LENGTH OUTSIDE WALL IN THIS ROOM

FRONT OF ENCLOSURE TO BE FLUSH WITH FACE OF COLUMNS (MALL & LUNCH ROOM)

3" GAP BETWEEN COLUMN & ENCLOSURE END CAP

COLUMN

FURRING THROUGH LEVEL 1

TYPICAL PIPE DROP TO FEED RADIATION

HIDDEN PIPES ONLY TO BE INSULATED

TYPICAL FREESTANDING RADIATION TYPE (P3)

PIPING FOR LEVEL 1 LUNCH ROOM IS AS SHOWN ON THIS DETAIL

PIPING FOR LEVEL 2 MALL IS THROUGH FLOOR FROM LEVEL 1 CEILING SPACE

ENCLOSURE ENDS & EXPOSED PIPING TO BE PAINTED MATT BLACK.

FREE-STANDING RADIATION DETAIL

N.T.S.

LINEAR SLOT DIFFUSER MARKED TO BE SUPPLIED BY MECHANICAL CONTRACTOR

CFM THROUGH BOOT (TYPICAL)

MECHANICAL TO PROVIDE BOOT & ASSOCIATED DIRECTIONAL & DAMPERING TONGUES

LENGTH OF BOOT (TYPICAL)

LINEAR SLOT GRIDS FORMING PART OF THE COFFERED CEILING SYSTEM ARE NOT IN THE MECHANICAL CONTRACT

AIR OUTLET KEY N.T.S

ENCLOSURE

ELEMENT

LENGTH OF ELEMENT - FEET (TYPICAL)

RADIATION TYPE IDENTIFICATION

RADIATION KEY N.T.S

FEATURES SHOWN ON THIS DETAIL :-
i.e. BACKDRAFT DAMPER, CAULKING, INTERNAL INSULATION ETC ALSO APPLY TO DUCTS CONNECTED TO COWLS (L8) & (L9)

FOR CURB & FLASHING ETC SEE DRWG. M12

EXTRUDED ALUMINUM LOUVRED COWL (L10)

SEE DRAWING M12 FOR TYPICAL FLASHING DETAIL

APPLY INSULATION ON INSIDE OF DUCT FOR LAST 10'0" OF RUN

CAULK THOROUGHLY TO PREVENT ANY OUTSIDE AIR LEAKAGE INTO THE BUILDING

48"×36" COUNCIL ZONE RELIEF

12"×12" EXHAUST

INSTALL BACKDRAFT DAMPERS IN DUCTS APPROX 5'0" FROM ROOF PENETRATION

REV. 2

ROOF COWL DETAIL

N.T.S.

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD. A NOTE ADDED REGARDING LOCATION OF VALVE V27
2	30 AUG 74	ADD. B ROOF COWL BACKDRAFT DAMPER LOCATION REVISED

PROJECT NO. 8957

DATE 1 APR. 74 | SCALE 1/8" = 1'-0"

DRAWN B.S. | CHECK

APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO WEST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 8
B

1

2

N

F

S104

S105

R52

U45

U46

T
V4

U4

0197

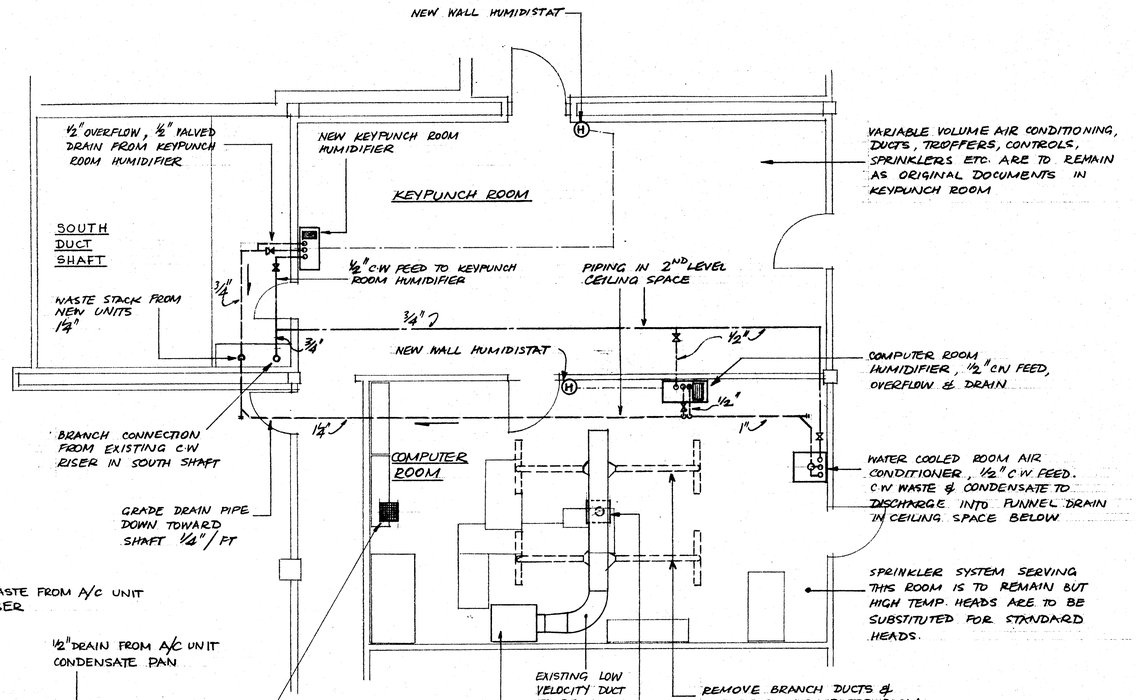
cut here
couper ici
international A1 594x841 mm
inches 0 1 2 3 4 5 6 7 8 pouces
0192

HUMIDIFIERS (KEYPUNCH & COMPUTER RMS.)

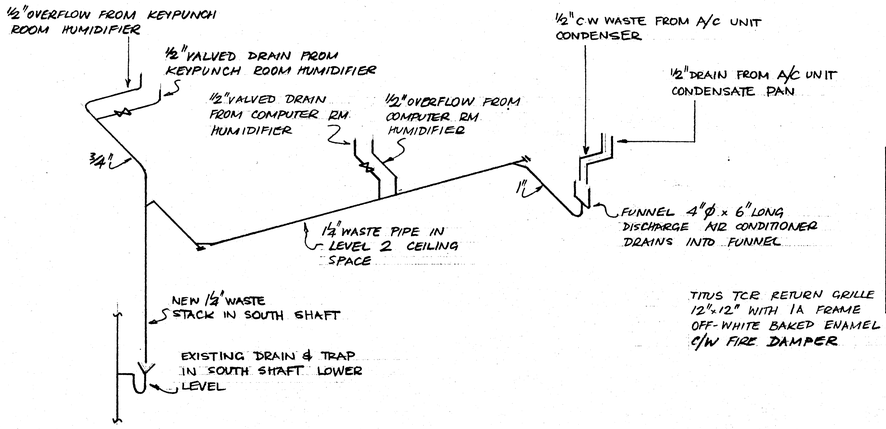
ARMSTRONG "HUMIDIMAKER" MODEL DE-2
120 VOLT, SINGLE PHASE, 60 HZ, 2000 WATTS
C/W FLOOR STAND, ENAMELLED STEEL ENCLOSURE.
AND 24 V WALL HUMIDISTAT

ROOM AIR CONDITIONER

KOLDWAVE MODEL K-19DH, 208VOLT, SINGLE PHASE.
60 HZ, 19,100 BTU/HR COOLING, 20,500 BTU/HR HEATING
700 CFM



PART LEVEL 3 EAST PLAN
SCALE ¼" = 1 FOOT



WASTE PIPING SCHEMATIC
N.T.S

NOTE:- QUALITY OF WORKMANSHIP, MATERIALS, TESTING ETC ARE ALL TO BE AS PHASE 2 MAIN CONTRACT DOCUMENTS.

Public Works Canada / Travaux publics Canada

office
bureau

consultant
expert-conseil

seal
sceau

designed by / conçu par: L.G. FARRANT
drawn by / dessiné par: L.G. FARRANT
approved by / approuvé par: date

scale / echelle: AS SHOWN

A detail no. / no. du détail
B sheet no. – where detail required / no. de la feuille – où détail exigé
C sheet no. – where detailed / no. de la feuille – où détaillé

revisions
révisions

project
projet
TERRITORIAL ADMINISTRATION BUILDING - WHITEHORSE Y.T.

drawing
dessin
COMPUTER ROOMS - AIR CONDITIONING

project No. du projet: 89857
sheet No. de la feuille: M9/M12 - R1

D.P.W. A1
centimetres 0 2 4 6 8 10 12 14 16 18 20 centimètres

cut here
couper ici

international A1 594x841 mm

inches 0 1 2 3 4 5 6 7 8 pouces

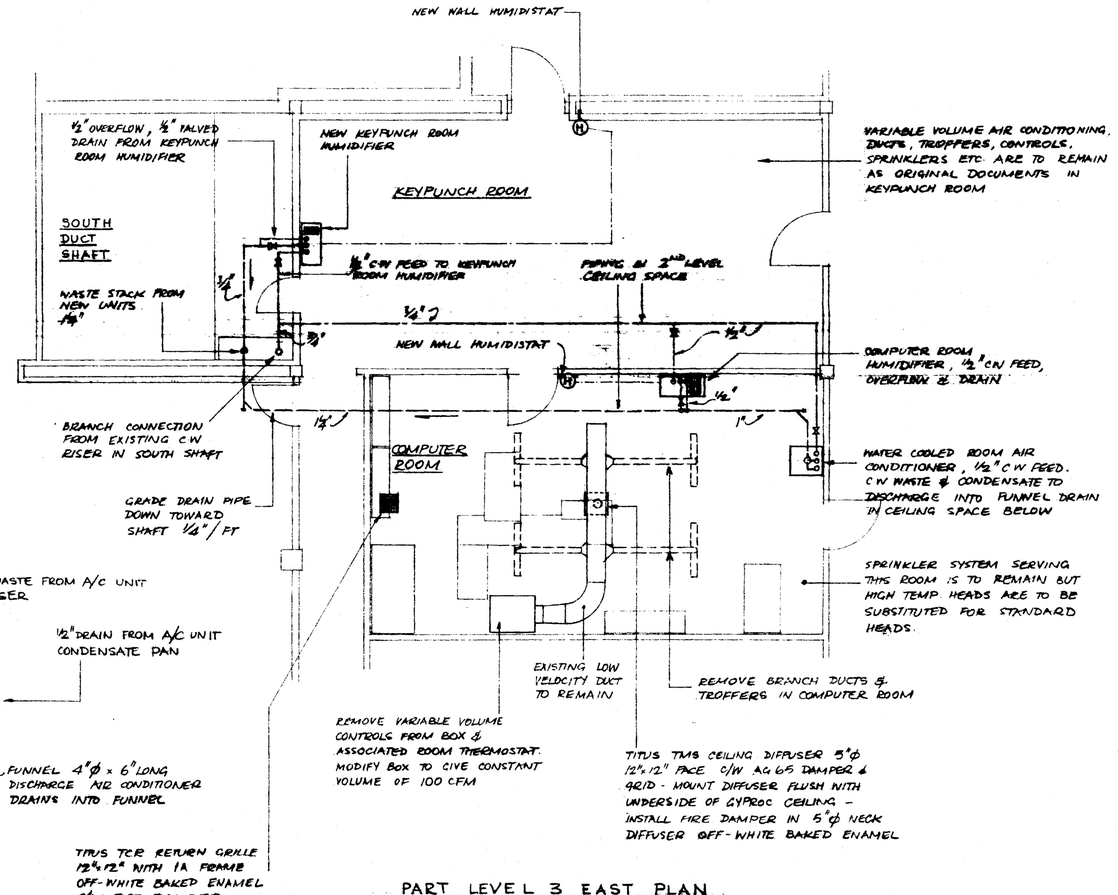
pouces 0 1 2 3 4 5 6 7 8 inches

HUMIDIFIERS (KEYPUNCH & COMPUTER RMS)

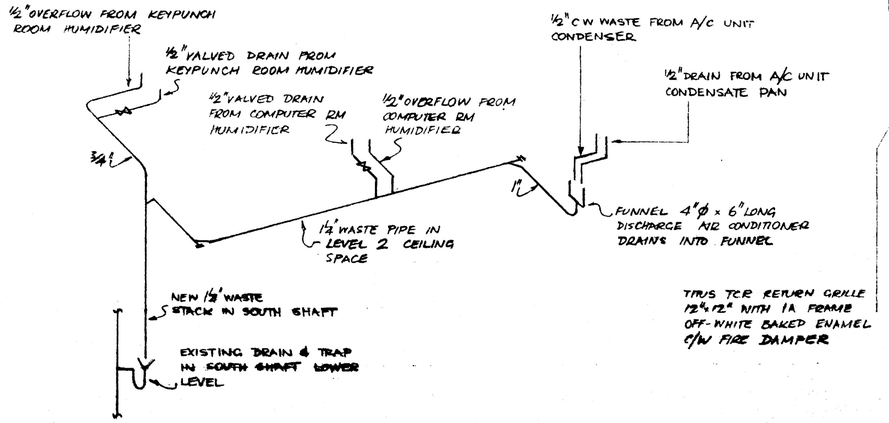
ARMSTRONG "HUMIDIMAKER" MODEL DE-2
120 VOLT, SINGLE PHASE, 60 HZ, 2000 WATTS
C/W FLOOR STAND, ENAMELLED STEEL ENCLOSURE.
AND 24 V WALL HUMIDISTAT

ROOM AIR CONDITIONER

KOLDWAVE MODEL K-19DH, 208VOLT, SINGLE PHASE
60 HZ, 19,100 BTU/HR COOLING, 20,500 BTU/HR HEATING
700 CFM



PART LEVEL 3 EAST PLAN
SCALE ¼" = 1 FOOT



WASTE PIPING SCHEMATIC
N.T.S

NOTE :- QUALITY OF WORKMANSHIP, MATERIALS, TESTING ETC ARE ALL TO BE AS PHASE 2 MAIN CONTRACT DOCUMENTS.

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revisions
revisions

project
projet
TERRITORIAL ADMINISTRATION
BUILDING - WHITEHORSE Y.T

drawing
dessin
COMPUTER ROOMS - AIR CONDITIONING

project No. du projet: 89857
sheet No. de la feuille: M9/M12 - R1

D.P.W. A1

centimetres 0 2 4 6 8 10 12 14 16 18 20 centimetres

cut here
couper ici

international A1 594x841 mm

inches 0 1 2 3 4 5 6 7 8 pouces

centimetres 0 2 4 6 8 10 12 14 16 18 20 centimètres

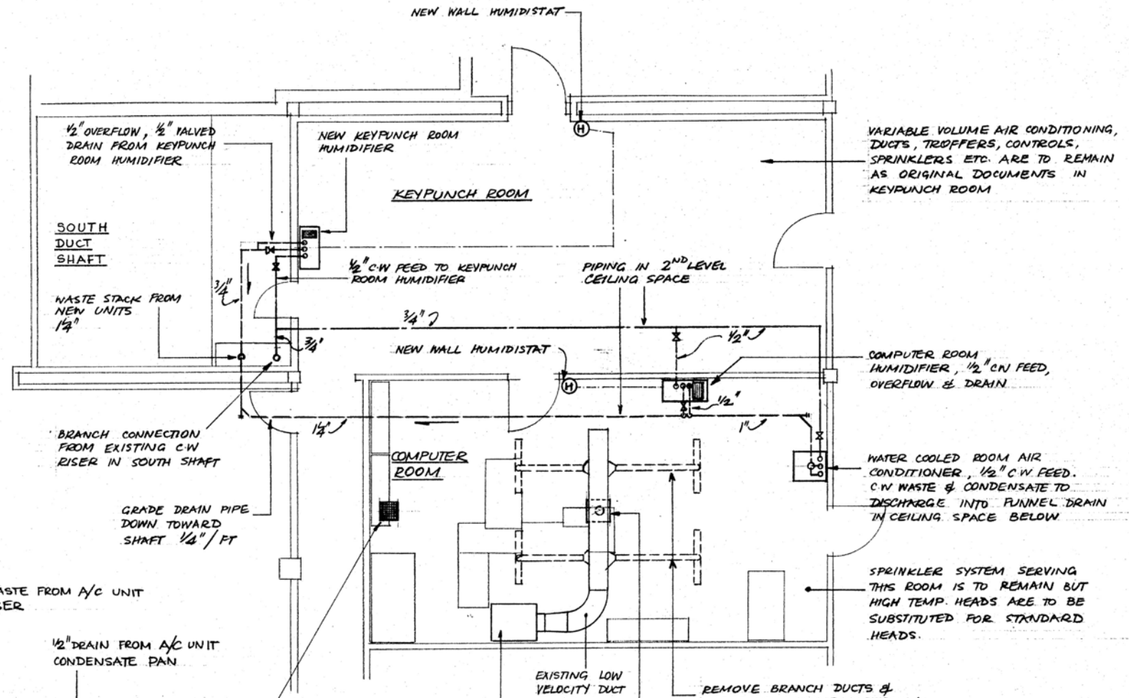
D.P.W. A1

HUMIDIFIERS (KEYPUNCH & COMPUTER RMS)

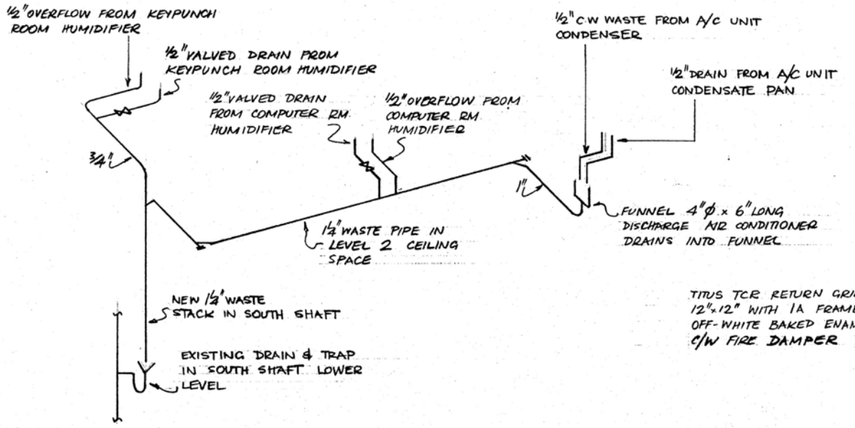
ARMSTRONG "HUMIDIMAKER" MODEL DE-2
120 VOLT, SINGLE PHASE, 60 HZ, 2000 WATTS
C/W FLOOR STAND, ENAMELLED STEEL ENCLOSURE.
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ROOM AIR CONDITIONER

KOLDWAVE MODEL K-19DH, 208 VOLT, SINGLE PHASE.
60 HZ, 19,100 BTU/HR COOLING, 20,500 BTU/HR HEATING
700 CFM



PART LEVEL 3 EAST PLAN
SCALE ¼" = 1 FOOT



WASTE PIPING SCHEMATIC
N.T.S

NOTE:- QUALITY OF WORKMANSHIP, MATERIALS, TESTING ETC ARE ALL TO BE AS PHASE 2 MAIN CONTRACT DOCUMENTS.

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revisions
révisions

project
projet
TERRITORIAL ADMINISTRATION
BUILDING - WHITEHORSE Y.T

drawing
dessin
COMPUTER ROOMS - AIR CONDITIONING

project / No. du projet	sheet / No. de la feuille
89857	M9/M12 - R1

STAIR #2

STAIR #3

LEVEL 2/3 ZONE PIPING IN LEVEL 3 CEILING SPACE, SERVING CEILING SPACE HEATERS, STAIRWELL UNITS AND MALL SKYLIGHT HEATING UNITS

CONTROL VALVES C/W ISOLATING VALVES, STRAINER, UNIONS ETC.

8X8 OFFICE AREA

OFFICE AREA

RECORDS

PRINTING

DUCT SHAFT

MEN

WOMEN

STAIR #6

ELEV. #1

MAP/PRINT STORAGE

MEETING

RECORDS

108 X 12 R.A. DUCT

VAULT

DUCT SHAFT

MEN

WOMEN

ELEV. #2

JAN

TREASURY

SUPERVISOR

KEYPUNCH

COMPUTOR

CONFERENCE

STAIR #1

STAIR #4

TYPICAL FOR TYPE (R5) UNITS-ISOLATING VALVES, UNIONS, AIR VENTS, DRAINS ETC. SHALL BE ABOVE REMOVABLE TILES

HEATING ELEMENTS FOR HEATING THE HIGH MALL SKYLIGHTS

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

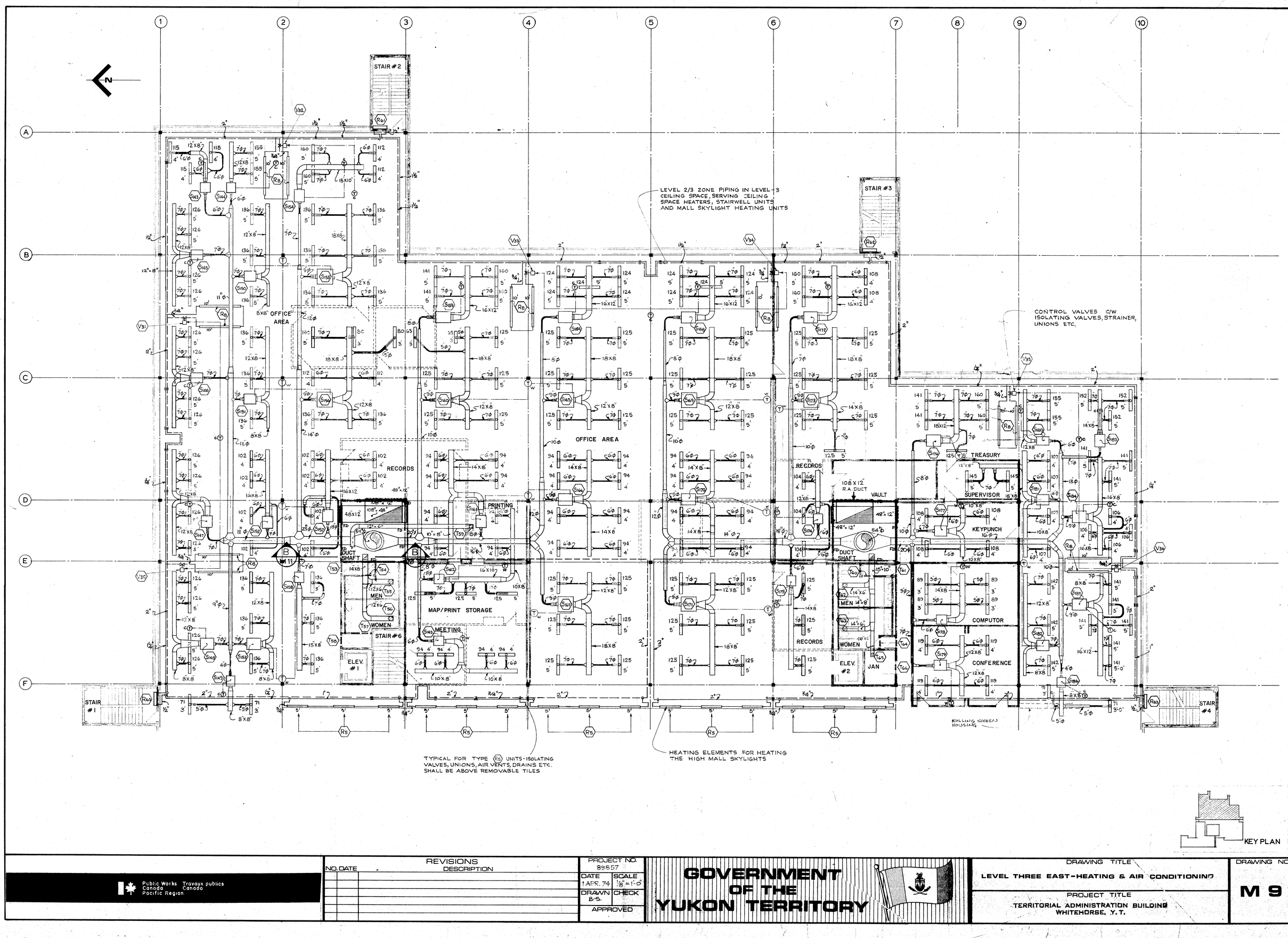
PROJECT NO. 99857
DATE 1 APR. 74 | SCALE 1/8" = 1'-0"
DRAWN B.S. | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL THREE EAST-HEATING & AIR CONDITIONING

PROJECT TITLE
Tterritorial ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 9



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

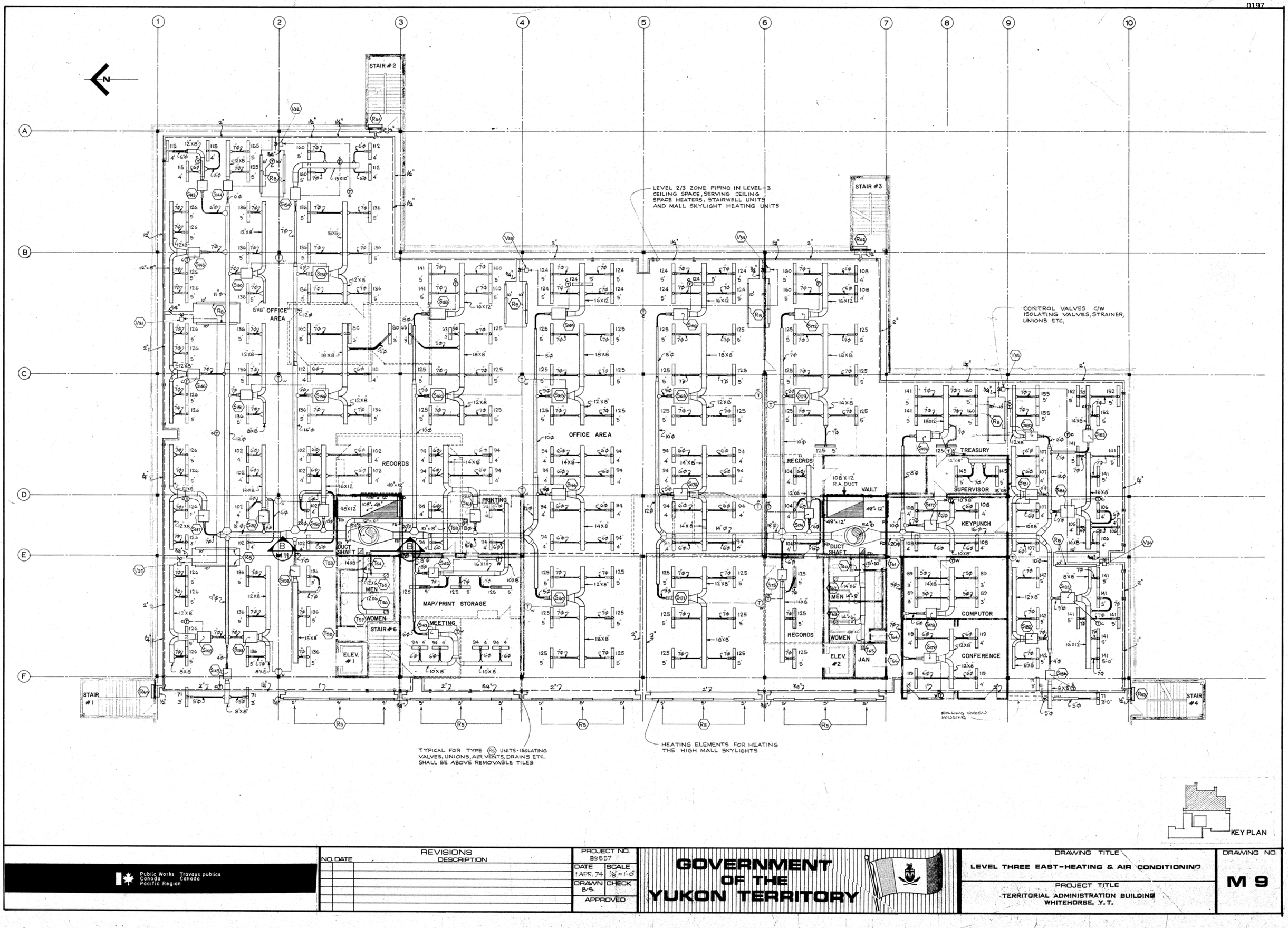
PROJECT NO.	89857
DATE	SCALE
1 APR. 74	1/8" = 1'-0"
DRAWN	CHECK
B.S.	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL THREE EAST - HEATING & AIR CONDITIONING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 9



KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.	89857
DATE	SCALE
1 APR. 74	1/8" = 1'-0"
DRAWN	CHECK
B.S.	
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GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL THREE EAST - HEATING & AIR CONDITIONING

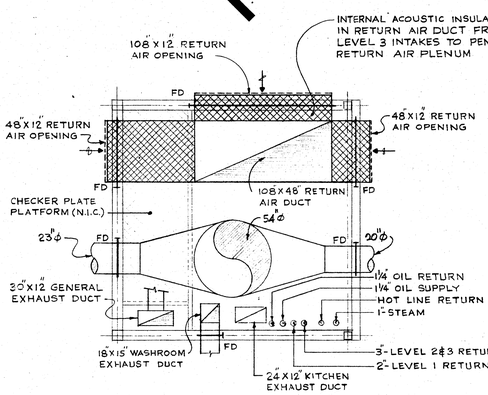
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 9

NOTE

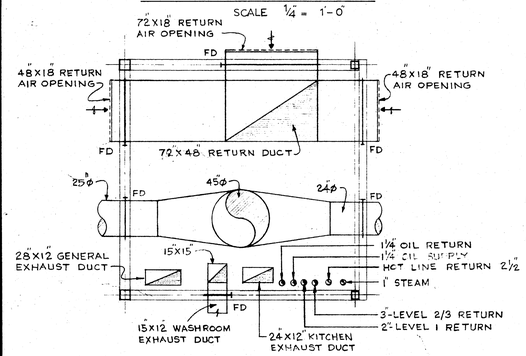
ALL RETURN AIR OPENINGS SHALL BE COVERED WITH EXPANDED METAL MESH

ALL FIRE DAMPERS MUST BE ACCESSIBLE EITHER THROUGH CEILING TILE OUTSIDE OF SHAFT, OR ACCESS DOORS IN GYPROC CEILINGS OR FROM INSIDE OF SHAFT.



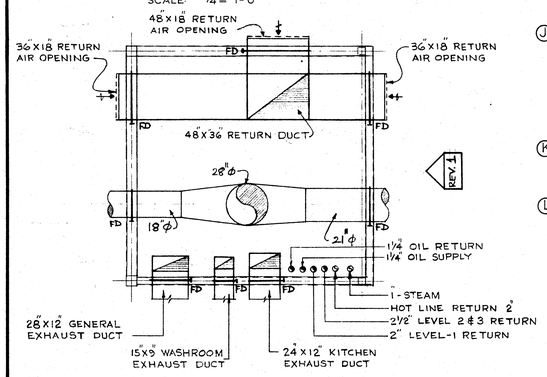
NORTH SHAFT LEVEL-3

SCALE 1/4" = 1'-0"



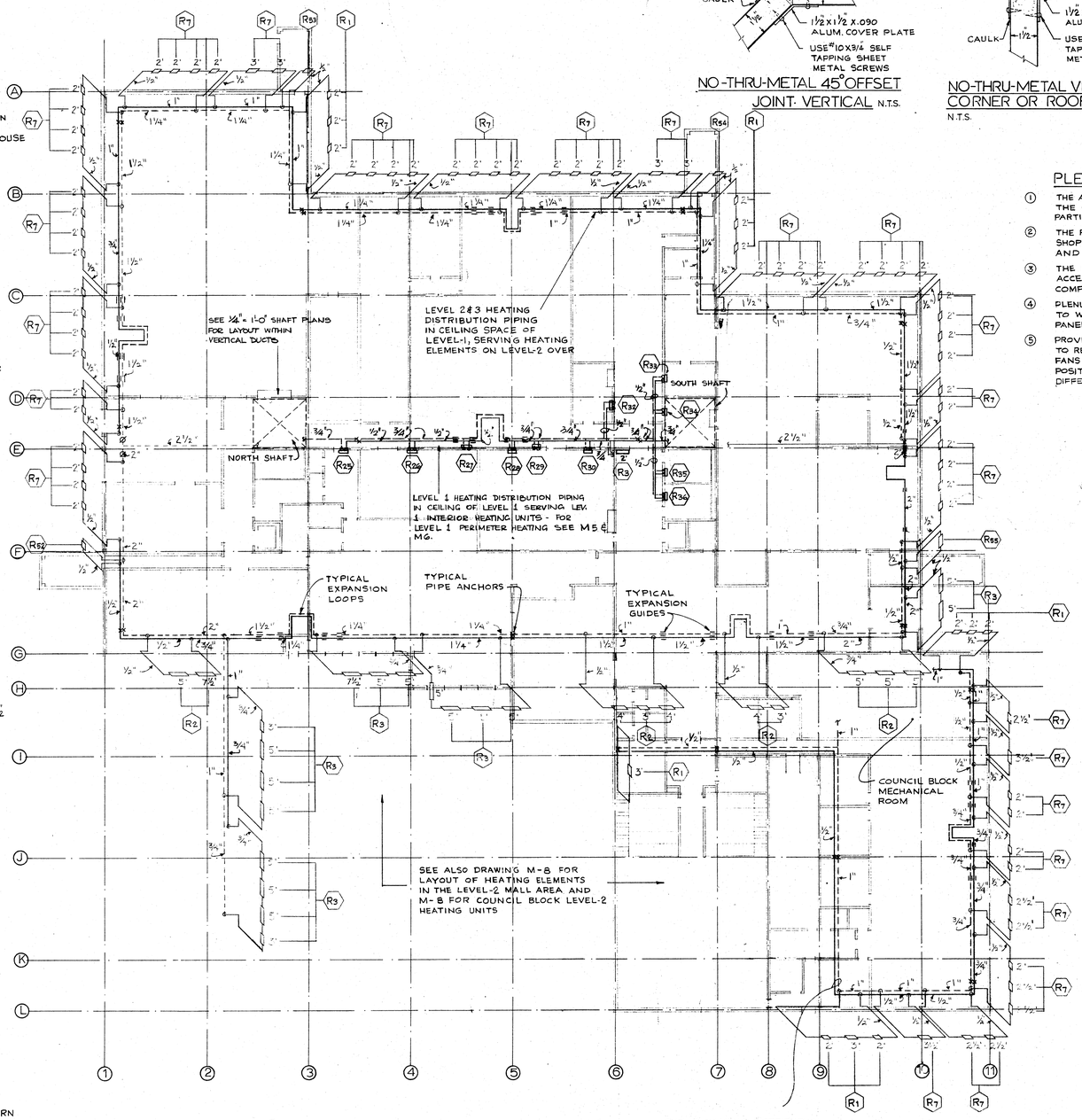
NORTH SHAFT LEVEL-2

SCALE: 1/4" = 1'-0"



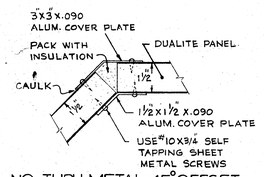
NORTH SHAFT LEVEL-1

SCALE 1/4" = 1'-0"

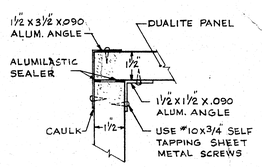


LEVEL - 1 PLAN

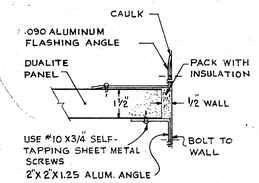
SCALE 1/16" = 1'-0"



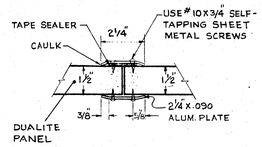
NO-THRU-METAL 45° OFFSET JOINT- VERTICAL N.T.S.



NO-THRU-METAL VERTICAL CORNER OR ROOF JOINT N.T.S.



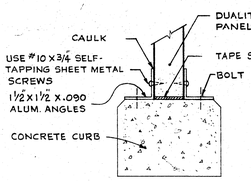
NO-THRU-METAL CASING ROOF TO WALL JOINT EXTERIOR USE N.T.S.



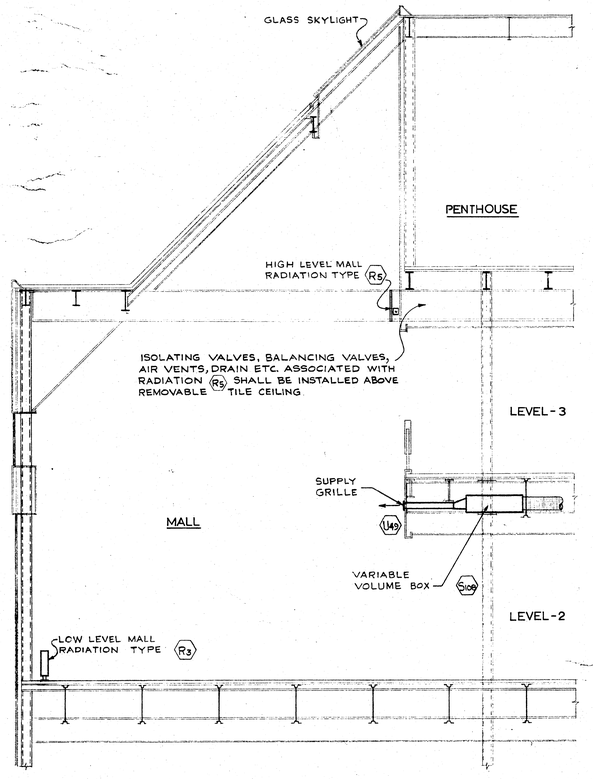
NO-THRU-METAL BUTT JOINT N.T.S.

PLENUM NOTES

1. THE ABOVE 5 DETAILS ARE INTENDED TO SHOW ONLY THE GENERAL DETAILS OF THE AIR PLENUMS, NOT PARTICULAR CONSTRUCTION DETAILS
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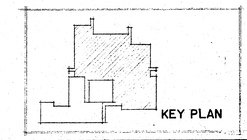


NO-THRU-METAL CONNECTION TO CONCRETE CURB N.T.S.



SECTION A/M8

SCALE: 1/4" = 1'-0"



KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	MAY 24	ADD A LEVEL 1 SHAFT FIRE DAMPERS IN SIDEWALLS NOT AT FLOOR PENETRATION

PROJECT NO. 89857	
DATE: APR. 74	SCALE: AS SHOWN
DRAWN: L.B.	CHECK:
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: HEATING & AIR CONDITIONING DETAIL SHEET 1

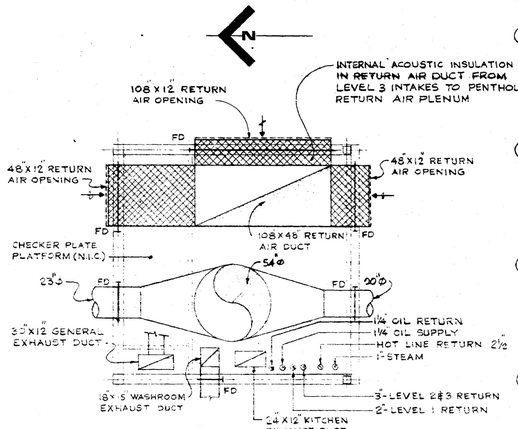
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING, WHITEHORSE, Y.T.

DRAWING NO. M 10 A

NOTE

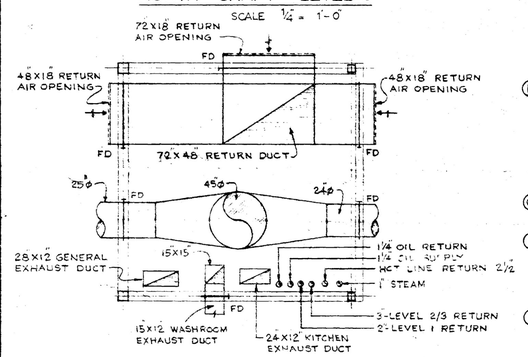
ALL RETURN AIR OPENINGS SHALL BE COVERED WITH EXPANDED METAL MESH

ALL FIRE DAMPERS MUST BE ACCESSIBLE EITHER THROUGH CEILING TILE OUTSIDE OF SHAFT, OR ACCESS DOORS IN GYPROC CEILINGS OR FROM INSIDE OF SHAFT.



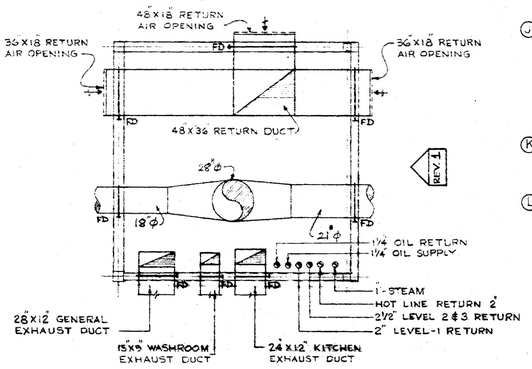
NORTH SHAFT LEVEL-3

SCALE ¼" = 1'-0"



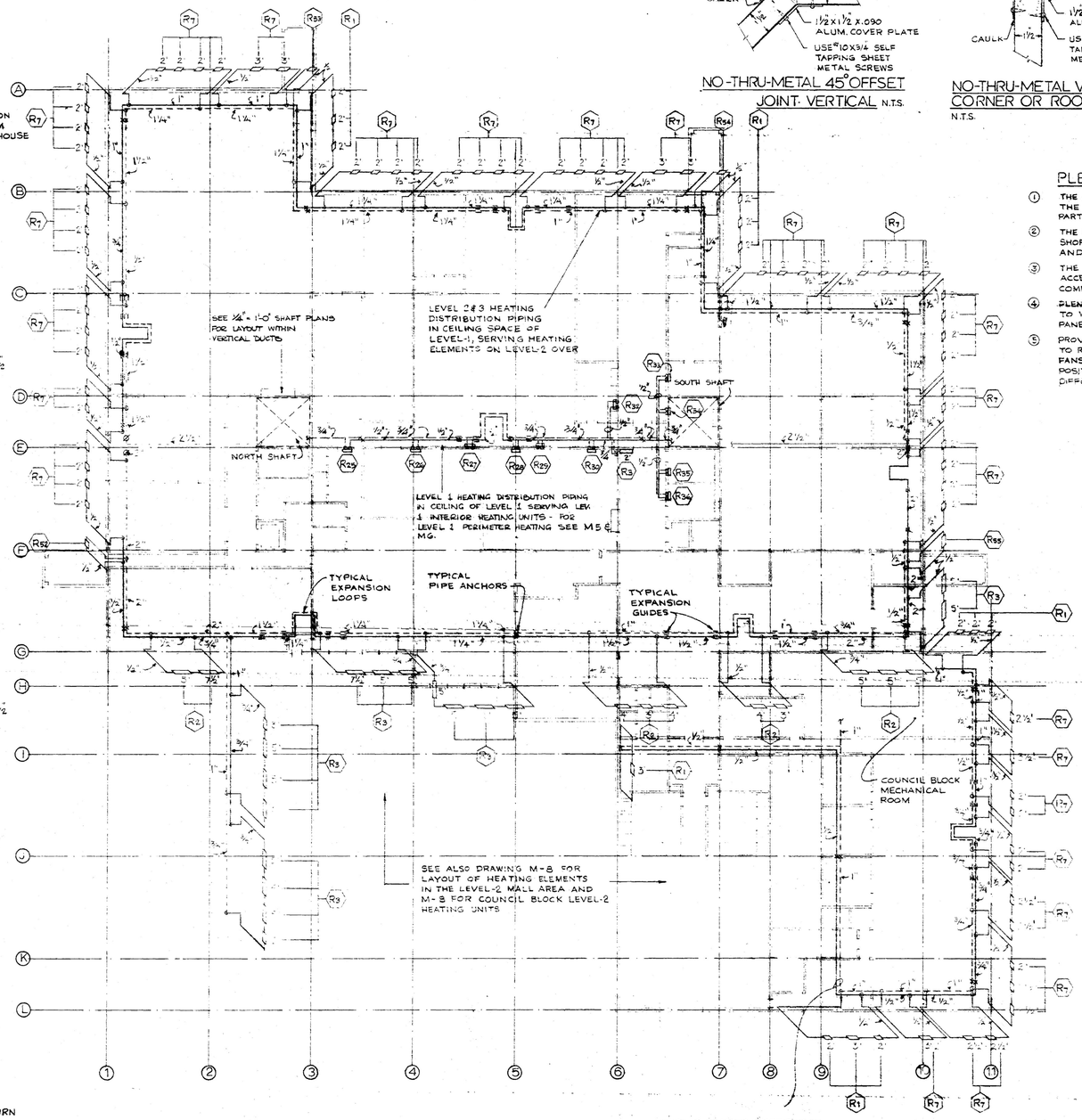
NORTH SHAFT LEVEL-2

SCALE ¼" = 1'-0"



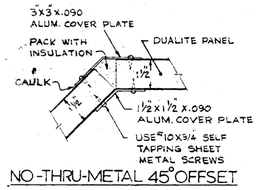
NORTH SHAFT LEVEL-1

SCALE ¼" = 1'-0"

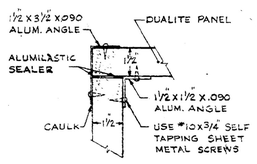


LEVEL - 1 PLAN

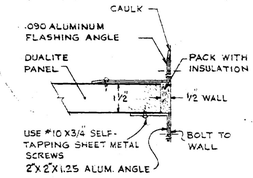
SCALE 1/16" = 1'-0"



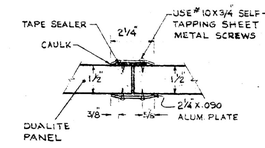
NO-THRU-METAL 45° OFFSET JOINT- VERTICAL N.T.S.



NO-THRU-METAL VERTICAL CORNER OR ROOF JOINT N.T.S.



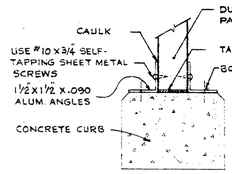
NO-THRU-METAL CASING ROOF TO WALL JOINT EXTERIOR USE N.T.S.



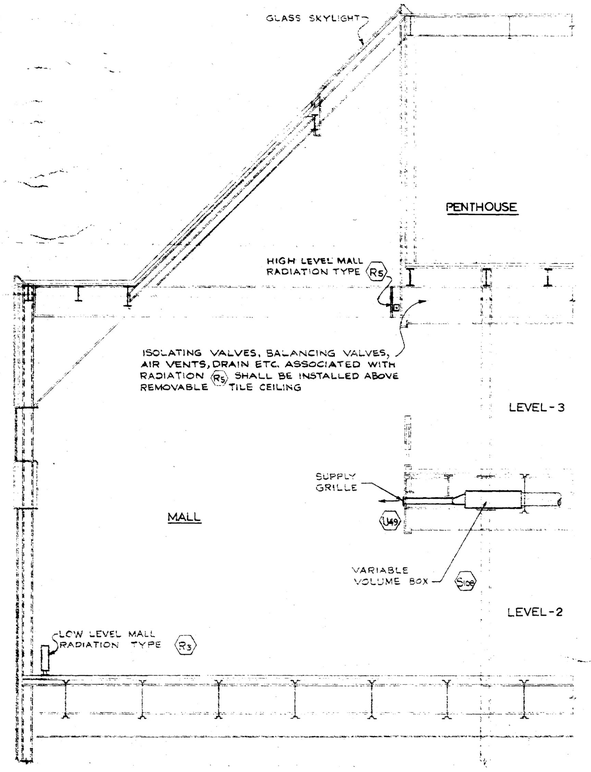
NO-THRU-METAL BUTT JOINT N.T.S.

PLENUM NOTES

1. THE ABOVE 5 DETAILS ARE INTENDED TO SHOW ONLY THE GENERAL DETAILS OF THE AIR PLENUMS, NOT PARTICULAR CONSTRUCTION DETAILS
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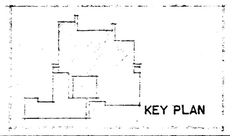


NO-THRU-METAL CONNECTION TO CONCRETE CURB N.T.S.



SECTION A/M8

SCALE: ¼" = 1'-0"



KEY PLAN

REVISIONS		
NO.	DATE	DESCRIPTION
1	10 JAN. 74	ADD A. LEVEL 1 SHAFT FIRE DAMPERS IN SIDEWALLS NOT AT FLOOR PENETRATION

Public Works Canada / Travaux publics Canada
Pacific Region

PROJECT NO. 8965.7

DATE	SCALE
1 APR. 74	AS SHOWN
DRAWN L.B.	CHECK
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 1

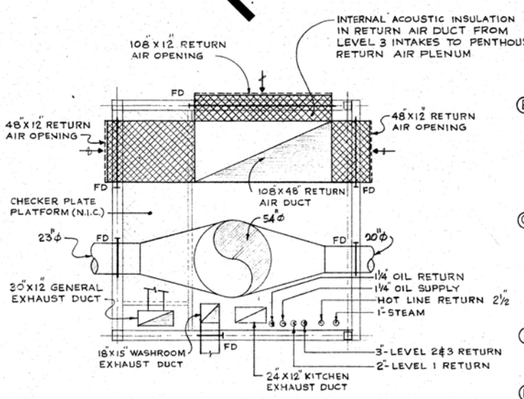
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 10
A

NOTE

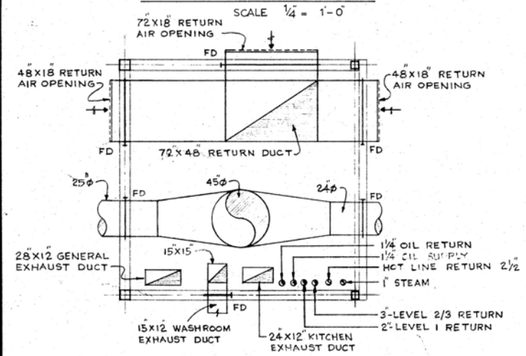
ALL RETURN AIR OPENINGS SHALL BE COVERED WITH EXPANDED METAL MESH

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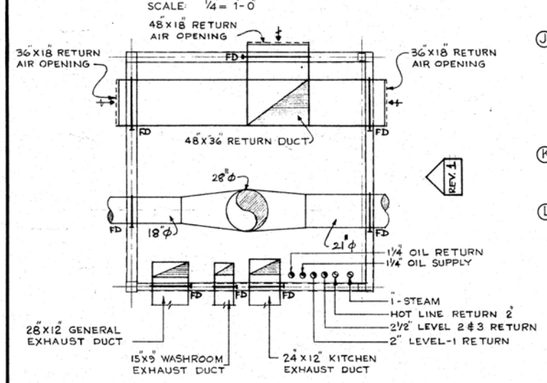
NORTH SHAFT LEVEL-3

SCALE 1/4" = 1'-0"



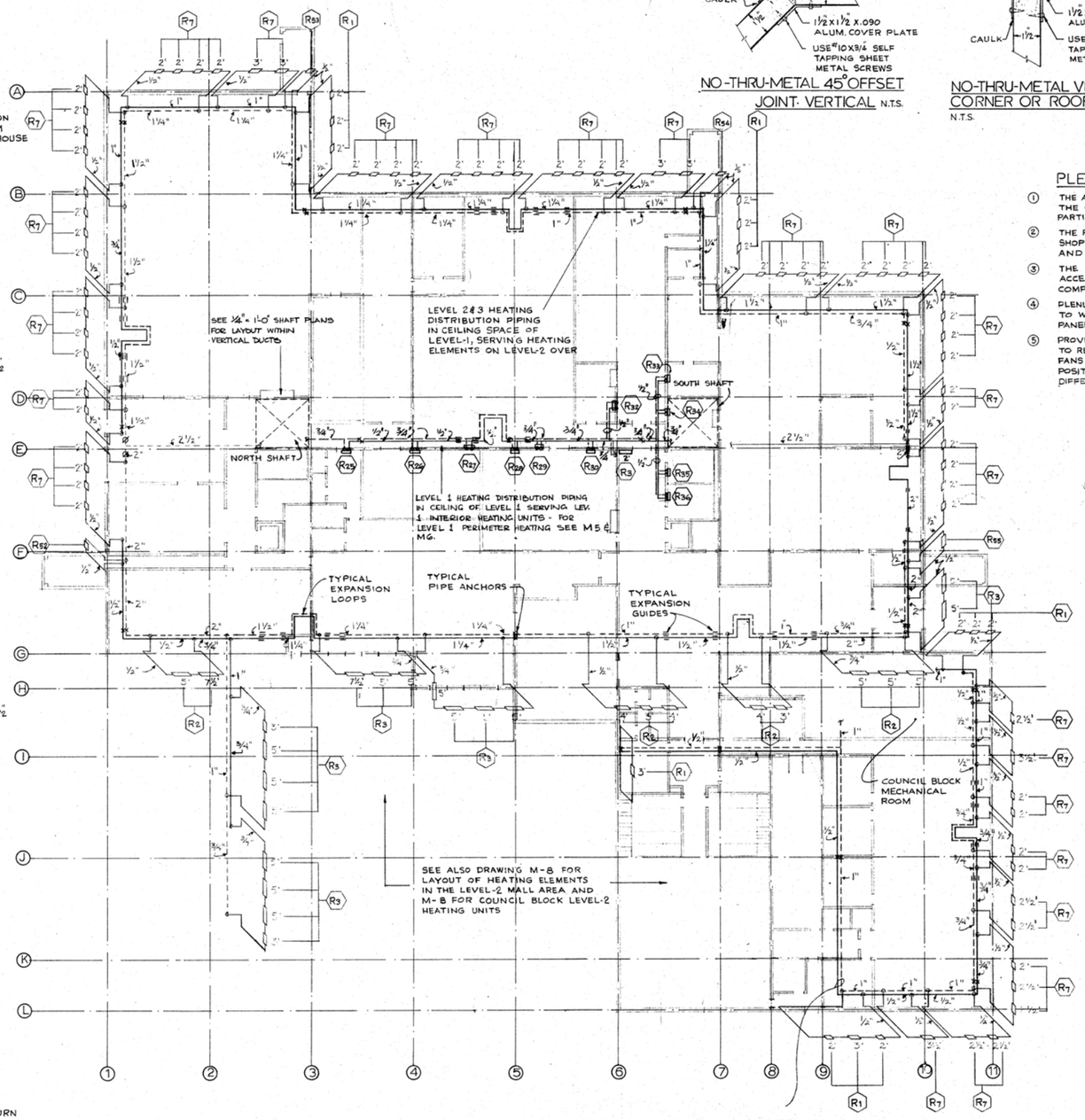
NORTH SHAFT LEVEL-2

SCALE 1/4" = 1'-0"



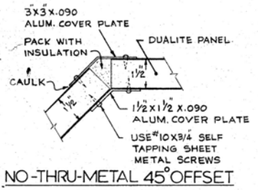
NORTH SHAFT LEVEL-1

SCALE 1/4" = 1'-0"

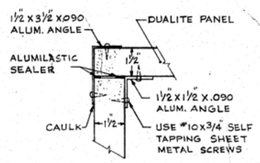


LEVEL - 1 PLAN

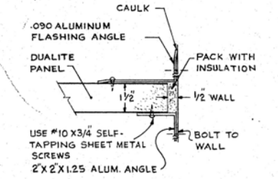
SCALE 1/16" = 1'-0"



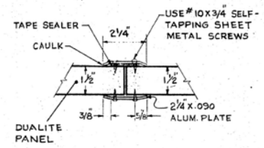
NO-THRU-METAL 45° OFFSET JOINT- VERTICAL N.T.S.



NO-THRU-METAL VERTICAL CORNER OR ROOF JOINT N.T.S.



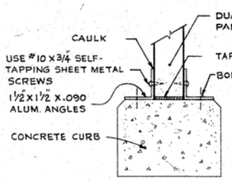
NO-THRU-METAL CASING ROOF TO WALL JOINT EXTERIOR USE N.T.S.



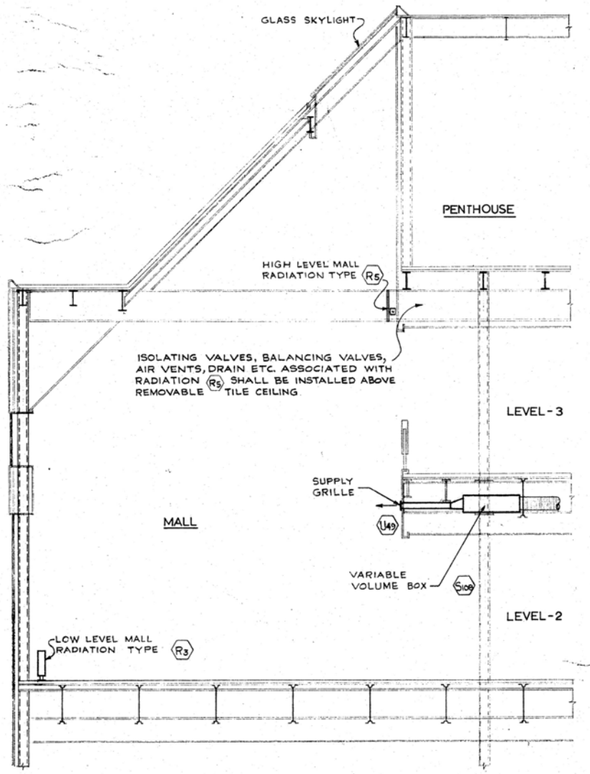
NO-THRU-METAL BUTT JOINT N.T.S.

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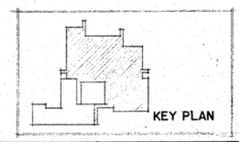


NO-THRU-METAL CONNECTION TO CONCRETE CURB N.T.S.



SECTION A/M8

SCALE: 1/4" = 1'-0"



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	10 AUG. 74	ADD A LEVEL 1 SHAFT FIRE DAMPERS IN SIDEWALLS NOT AT FLOOR PENETRATION

PROJECT NO. 89857

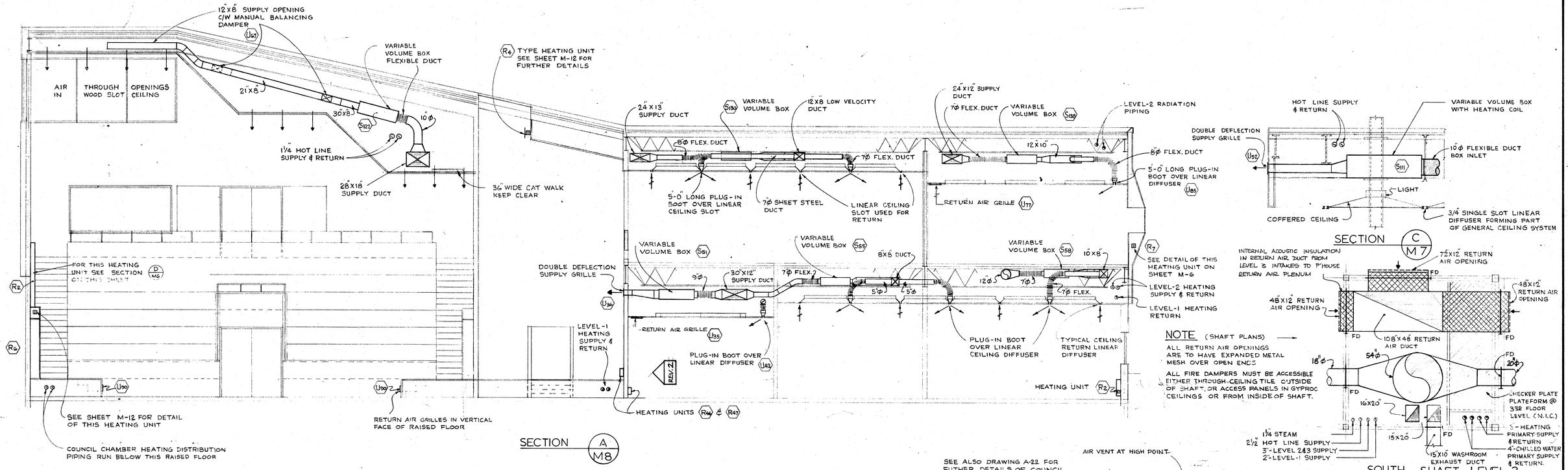
DATE	SCALE
APR. 74	AS SHOWN
DRAWN L.B.	CHECK
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 1

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO. M 10 A



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1.	30 AUG. 74	ADD A LEVEL-1 SHAFT FIRE DAMPERED IN SIDEWALLS NOT AT FLOOR PENETRATION
2.	30 AUG. 74	ADD A RELOCATE HEATING PIPES SERVING UNITS R46 TO R51 TO BELOW LIBRARY FLOOR

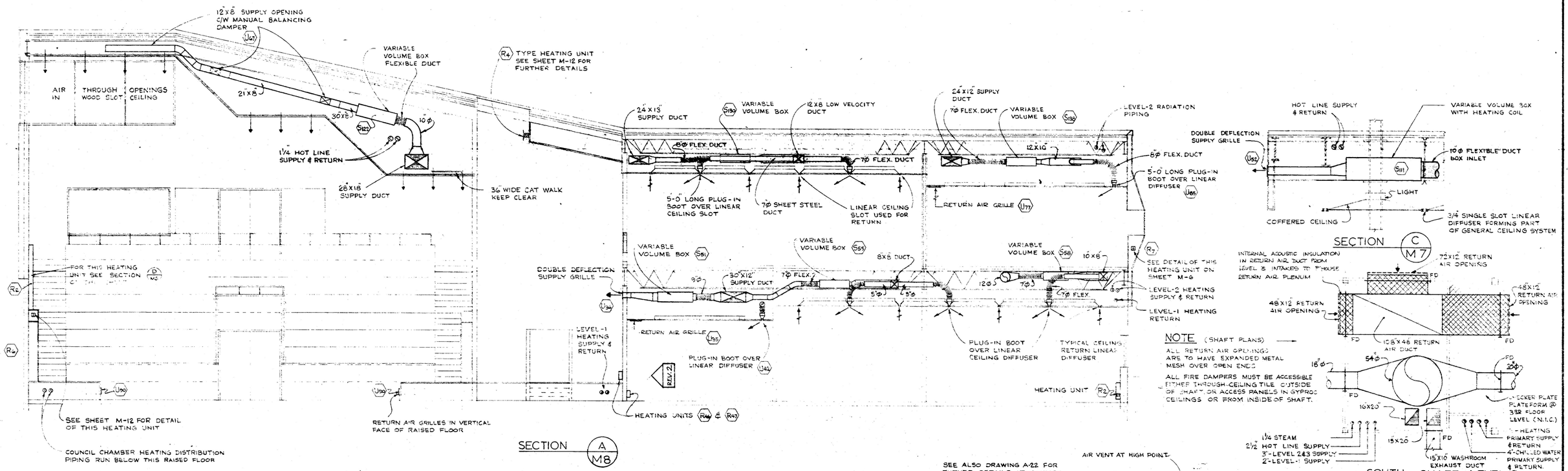
PROJECT NO.	39857
DATE	1 APR. 74
SCALE	AS SHOWN
DRAWN	B.S.
CHECK	-
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 2

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M11



NOTE
SECTION (C / M7) - SCALE: ½" = 1'-0"
ALL OTHER DETAILS - SCALE: ¼" = 1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD'D A LEVEL 1 SHAFT FIRE DAMPERS IN SIDEWALLS NOT AT FLOOR PENETRATION
2	30 AUG 74	ADD'D & RELOCATE HEATING PIPES SERVING UNITS R46 & R47 TO BELOW LIBRARY FLOOR

Public Works Canada / Travaux publics Canada
Pacific Region

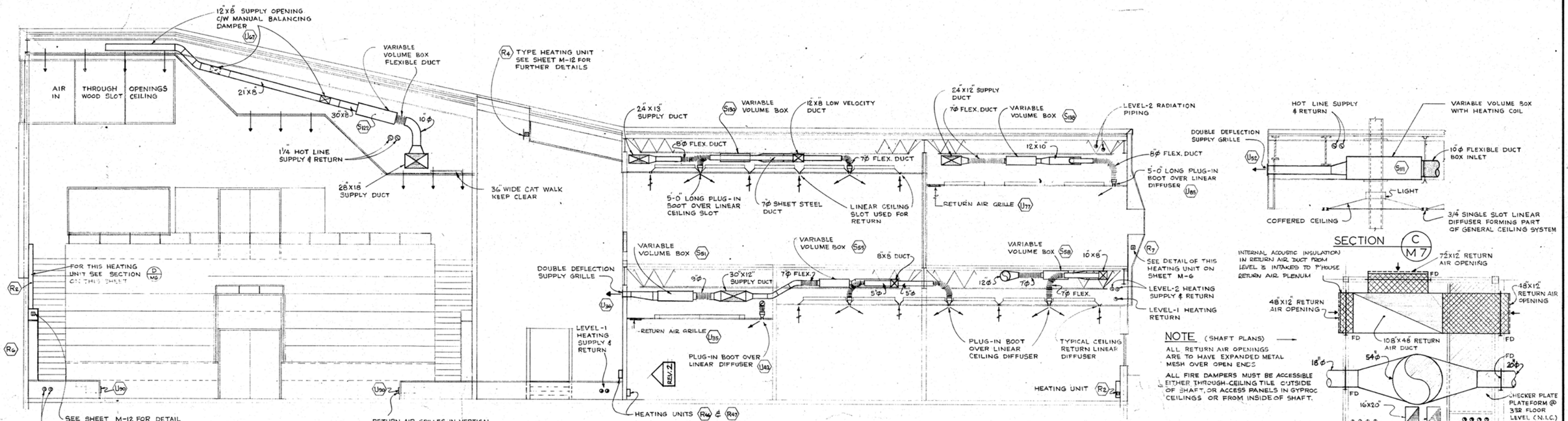
PROJECT NO. 8965?
DATE 1 APR 74 | SCALE AS SHOWN
DRAWN B.S. | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 2

PROJECT TITLE
Tterritorial ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M11
3



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1.	30 AUG. 74	ADD A LEVEL-1 SHAFT FIRE DAMPERS IN SIDEWALLS NOT AT FLOOR PENETRATION
2.	30 AUG. 74	ADD & RELOCATE HEATING PIPES SERVING UNITS R46 TO R51 TO BELOW LIBRARY FLOOR

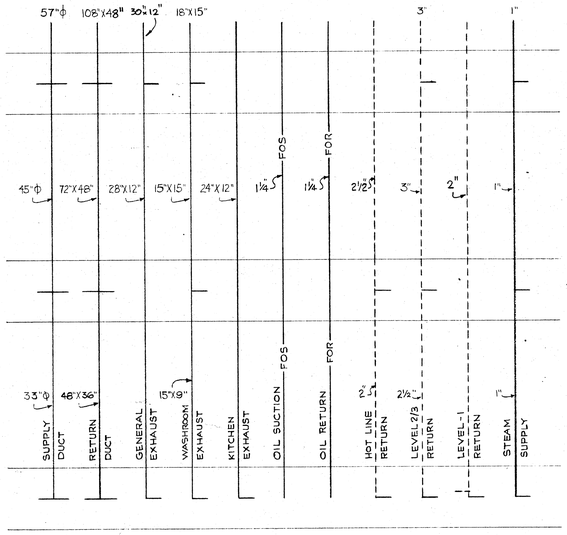
PROJECT NO. 89857
DATE 1 APR. 74 | SCALE AS SHOWN
DRAWN B.S. | CHECK -
APPROVED

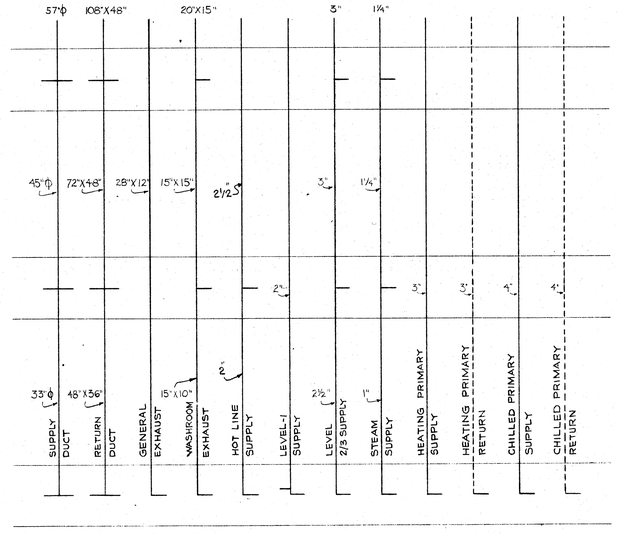
GOVERNMENT OF THE YUKON TERRITORY

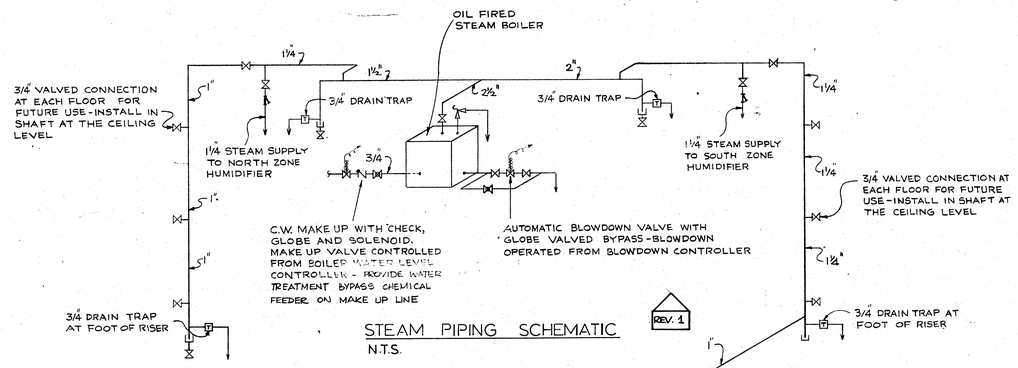
DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 2

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M11



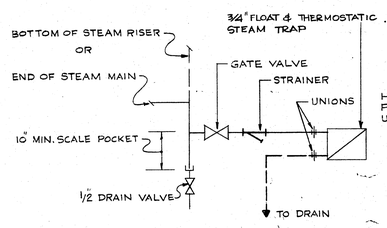




STEAM PIPING SCHEMATIC

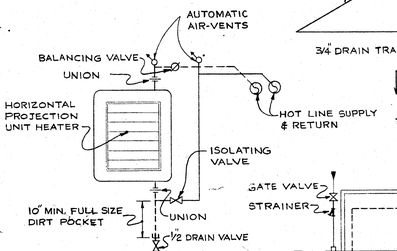
N.T.S.

REV. 1



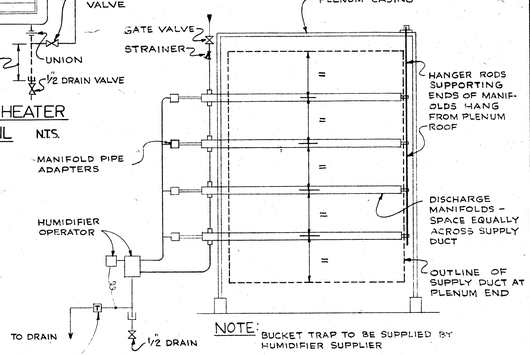
DRAIN TRAP DETAIL

N.T.S.



UNIT HEATER DETAIL

N.T.S.



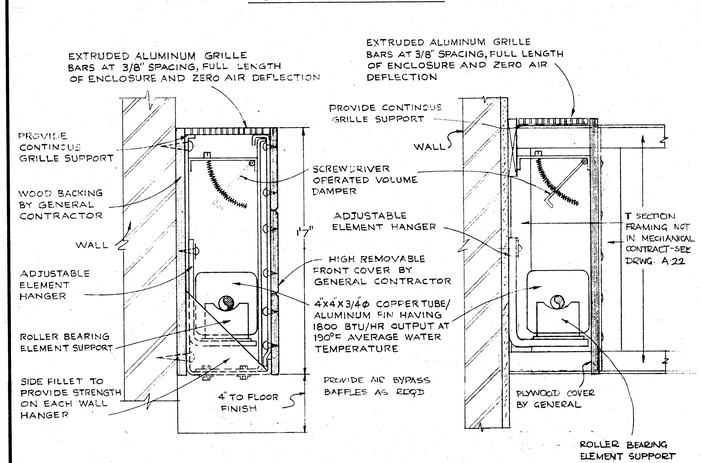
NOTE: BUCKET TRAP TO BE SUPPLIED BY HUMIDIFIER SUPPLIER

HUMIDIFIER LAYOUT

N.T.S.

NORTH SHAFT RISERS

N.T.S.

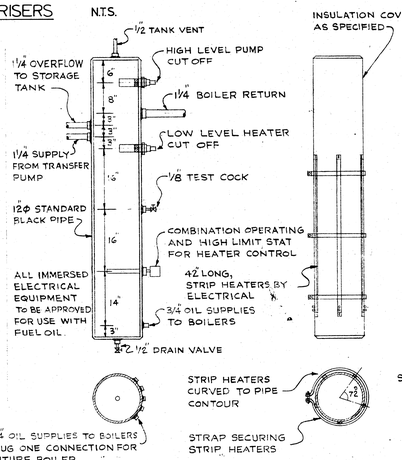


RADIATION DETAIL (R2)

RADIATION DETAIL (R6)

SOUTH SHAFT RISERS

N.T.S.

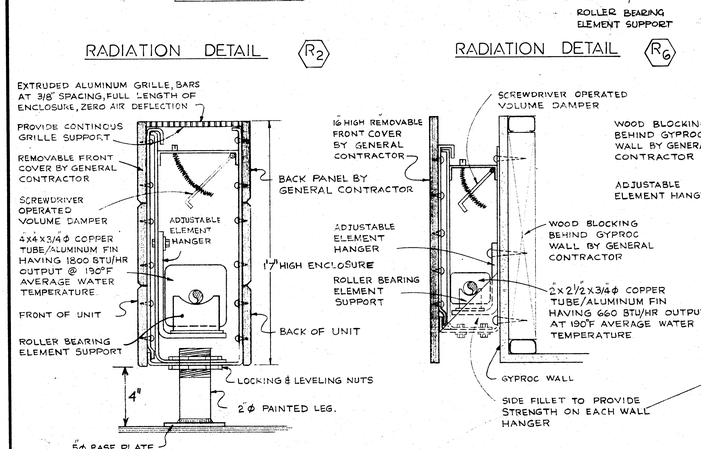


OIL HEAD TANK

N.T.S.

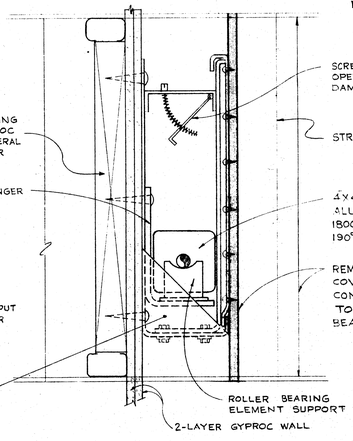
RADIATION NOTES

1. RADIATION TYPE (R1) TO BE STANDARD BASEBOARD RADIATION 8"HIGH X 3⅝"W, USING 2"X 2½" X 3/4"ϕ COPPER TUBE/ALUMINUM FIN GIVING 660 BTU/HR OUTPUT @ 190°F AVERAGE WATER TEMPERATURE, C/W DAMPERS & SPECIFIED ACCESSORIES
2. RADIATION TYPE (R7) IS SHOWN ON DRAWING M-6
3. THESE DETAILS ARE INTENDED TO SHOW THE GENERAL FEATURES REQUIRED FOR RADIATION, NOT SPECIFIC CONSTRUCTION DETAILS. THE RADIATION SUPPLIER IS TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO MANUFACTURE OF ANY RADIATION EQUIPMENT
4. THE GENERAL CONTRACTOR SHALL PROVIDE ALL WOOD ENCLOSURES, BLOCKING AND WOOD SCREWS
5. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL HANGERS, BEARINGS, FIN, STRENGTHENERS, GRILLES, CLIPS, DAMPERS ETC. TO PROVIDE A COMPLETE INSTALLATION.
6. ALL RADIATION ITEMS AS LISTED IN #5 ABOVE, WHICH ARE ATTACHED TO BUILDING STRUCTURE SHALL BE HANDED TO GENERAL CONTRACTOR FOR INSTALLATION UNDER THE GUIDANCE OF THE MECHANICAL CONTRACTOR.
7. THE RADIATION SUPPLIER SHALL PROVIDE ALL MISCELLANEOUS BAFFLES ETC. NECESSARY TO PROVIDE THE SPECIFIED OUTPUT.
8. SPACING OF RADIATION SUPPORTS SHALL NOT BE GREATER THAN 60" APART
9. RADIATION TYPE (R8) IS BARE 4'-4'-3/4" AL/CU FIN HAVING 1500 BTU/HR OUTPUT AT 190°F AVERAGE WATER TEMP.
10. FIN OUTPUTS QUOTED ARE PER 1 FOOT OF ELEMENT

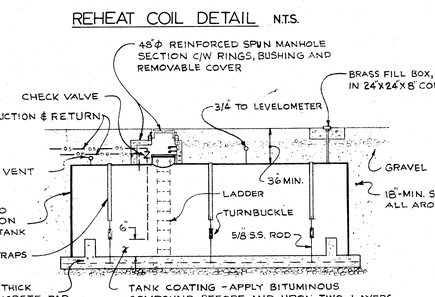


RADIATION DETAIL (R3)

RADIATION DETAIL (R4)

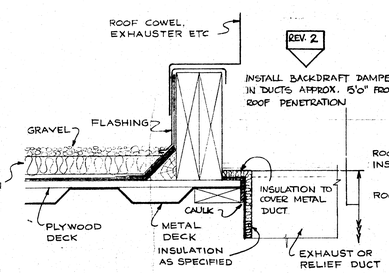


RADIATION DETAIL (R5)



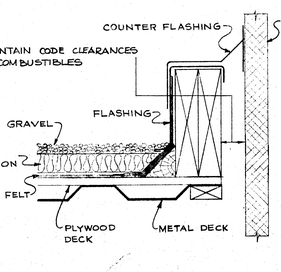
LIGHT OIL STORAGE TANK DETAIL

N.T.S.



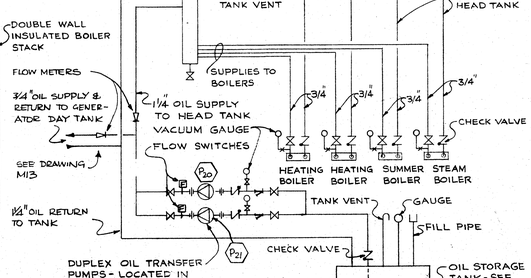
TYPICAL FLASHING - 2

N.T.S.



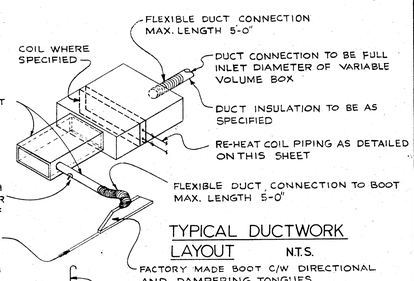
TYPICAL FLASHING - 1

N.T.S.



OIL PIPING SCHEMATIC

N.T.S.



TYPICAL DUCTWORK LAYOUT

N.T.S.

Public Works Travaux publics Canada Canada Pacific Region

NO.	DATE	DESCRIPTION
1	30 AUG 74	ADD. A STEAM PIPING SCHEMATIC. PIPE SIZES REVISED
2	30 AUG 74	ADD. B TYPICAL FLASHING - 2, BACKDRAFT DAMPER LOCATION REVISED

PROJECT NO. 88857
DATE 1 APR. 74 | SCALE N.T.S.
DRAWN B.S | CHECK
APPROVED

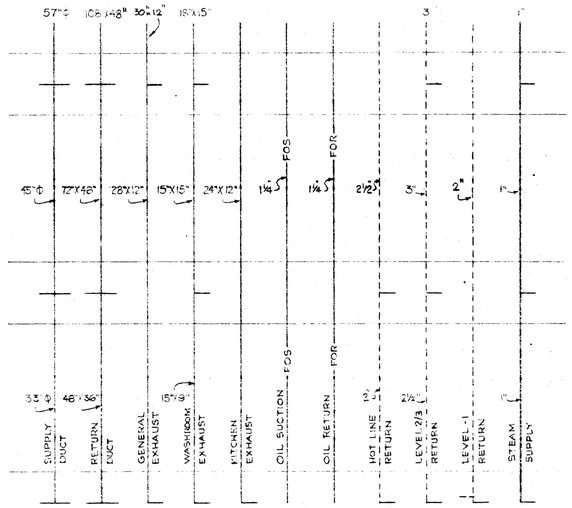
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 3

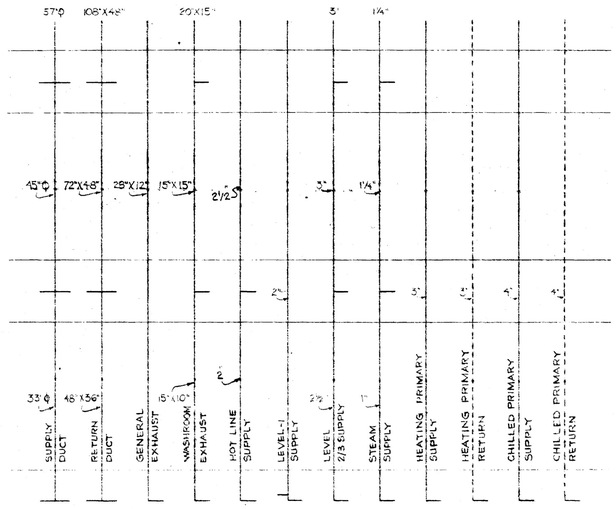
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

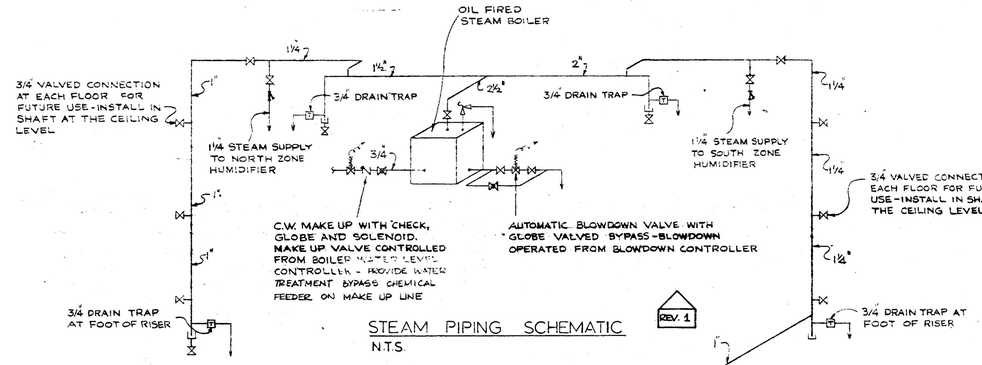
DRAWING NO.
M 12
B

SEE MECHANICAL PENTHOUSE FOR CONTINUATION

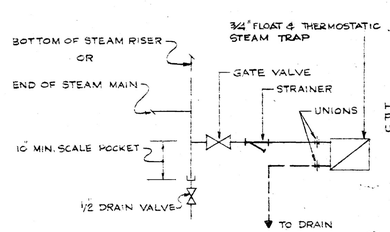


SEE MECHANICAL PENTHOUSE FOR CONTINUATION

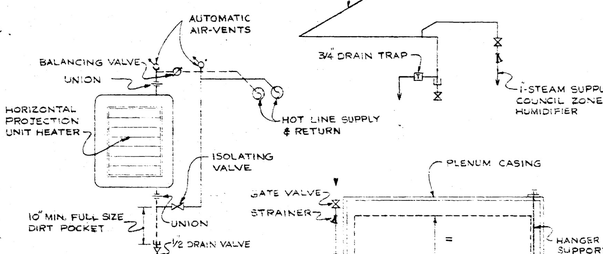




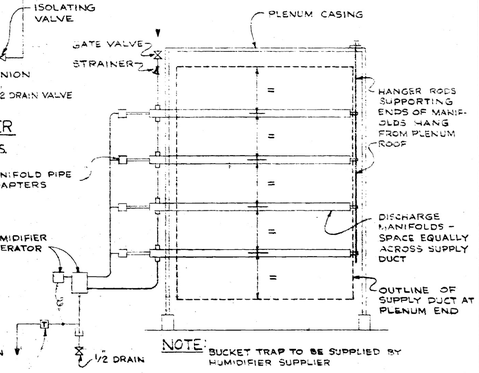
STEAM PIPING SCHEMATIC
N.T.S.



DRAIN TRAP DETAIL N.T.S.

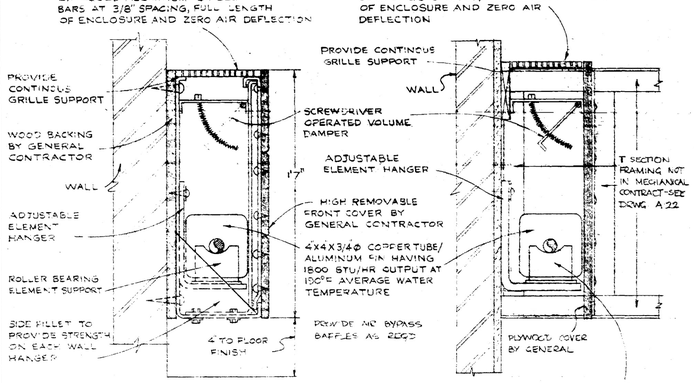


UNIT HEATER DETAIL N.T.S.



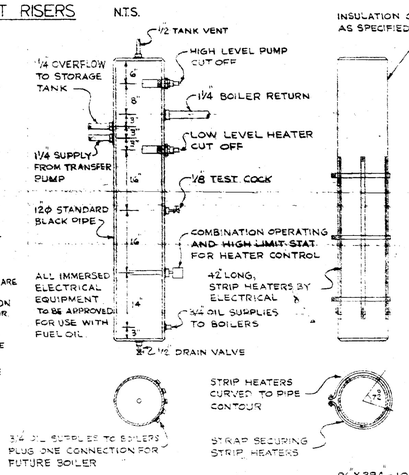
HUMIDIFIER LAYOUT N.T.S.

NORTH SHAFT RISERS N.T.S.



RADIATION DETAIL (R2) RADIATION DETAIL (R6)

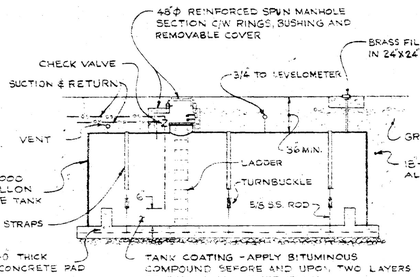
SOUTH SHAFT RISERS N.T.S.



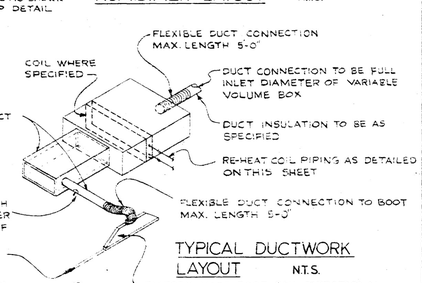
RADIATION NOTES

1. RADIATION TYPE (R1) TO BE STANDARD BASEBOARD RADIATION 8"HIGH X 3 5/16 WIDE, USING 2"X 2 1/2" X 3/4"Ø COPPER TUBE/ALUMINUM FIN GIVING 660 BTU/HR OUTPUT @ 190°F AVERAGE WATER TEMPERATURE, C/W DAMPERS & SPECIFIED ACCESSORIES
2. RADIATION TYPE (R2) IS SHOWN ON DRAWING M-6
3. THESE DETAILS ARE INTENDED TO SHOW THE GENERAL FEATURES REQUIRED FOR RADIATION, NOT SPECIFIC CONSTRUCTION DETAILS. THE RADIATION SUPPLIER IS TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO MANUFACTURE OF ANY RADIATION EQUIPMENT.
4. THE GENERAL CONTRACTOR SHALL PROVIDE ALL WOOD ENCLOSURES, BLOCKING AND WOOD SCREWS
5. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL HANGERS, BEARINGS, FIN, STRENGTHENERS, GRILLES, CLIPS DAMPERS ETC. TO PROVIDE A COMPLETE INSTALLATION.
6. ALL RADIATION ITEMS AS LISTED IN #5 ABOVE WHICH ARE ATTACHED TO BUILDING STRUCTURE SHALL BE HANDED TO GENERAL CONTRACTOR FOR INSTALLATION UNDER THE GUIDANCE OF THE MECHANICAL CONTRACTOR
7. THE RADIATION SUPPLIER SHALL PROVIDE ALL MISCELLANEOUS BAFFLES ETC. NECESSARY TO PROVIDE THE SPECIFIED OUTPUT.
8. SPACING OF RADIATION SUPPORTS SHALL NOT BE GREATER THAN 60" APART
9. RADIATION TYPE (R6) IS BARE 4"X4"- 3/4" Al/Cu FIN HAVING 1800 BTU/HR OUTPUT AT 190°F AVERAGE WATEL TEMP.
10. FIN OUTPUTS QUOTED ARE PER 1 FOOT OF ELEMENT

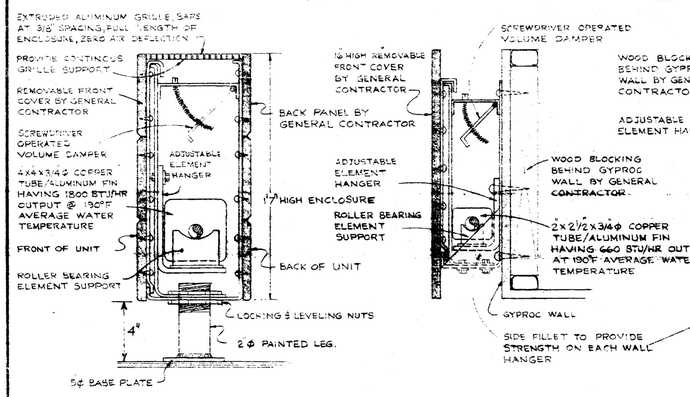
OIL HEAD TANK N.T.S.



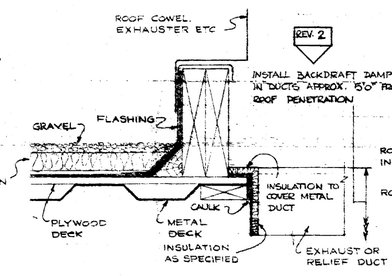
LIGHT OIL STORAGE TANK DETAIL N.T.S.



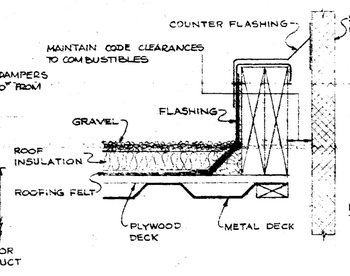
TYPICAL DUCTWORK LAYOUT N.T.S.



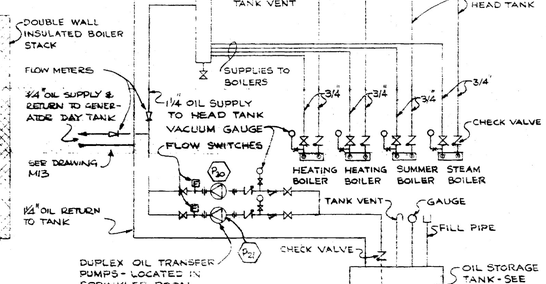
RADIATION DETAIL (R3) RADIATION DETAIL (R4) RADIATION DETAIL (R5)



TYPICAL FLASHING - 2 N.T.S.



TYPICAL FLASHING - 1 N.T.S.



OIL PIPING SCHEMATIC N.T.S.

REVISIONS		
NO.	DATE	DESCRIPTION
1	20AUG74	ADD. A STEAM PIPING SCHEMATIC PIPE SIZES REVISED
2	20AUG74	ADD. B TYPICAL FLASHING - 2, BACKDRAFT DAMPER LOCATION REVISED

PROJECT NO. 8957

DATE	SCALE
1 APR. 74	N.T.S.
DRAWN B.S	CHECK
APPROVED	

Public Works Canada / Travaux publics Canada
Pacific Region

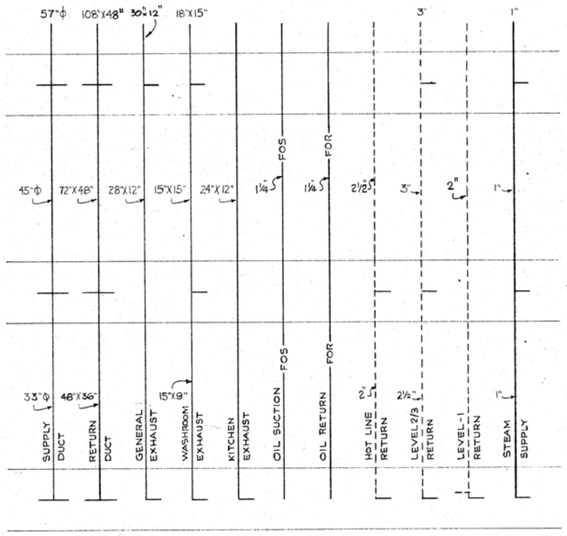
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 3

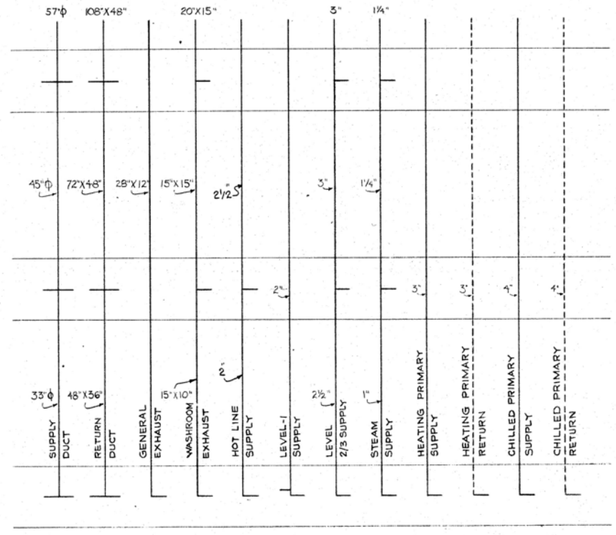
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 12

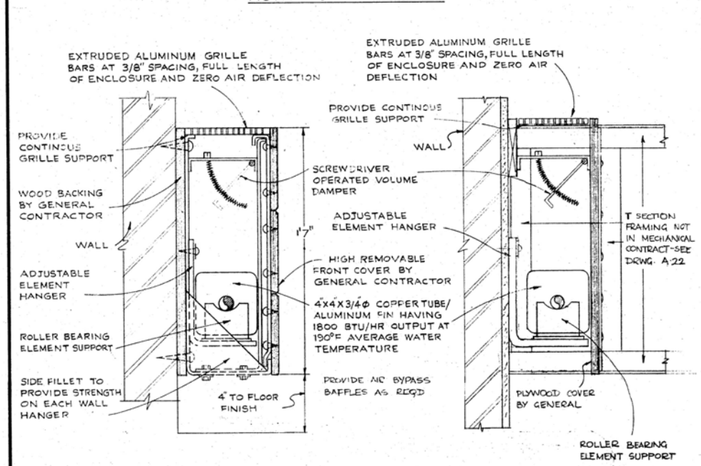
SEE MECHANICAL PENTHOUSE FOR CONTINUATION



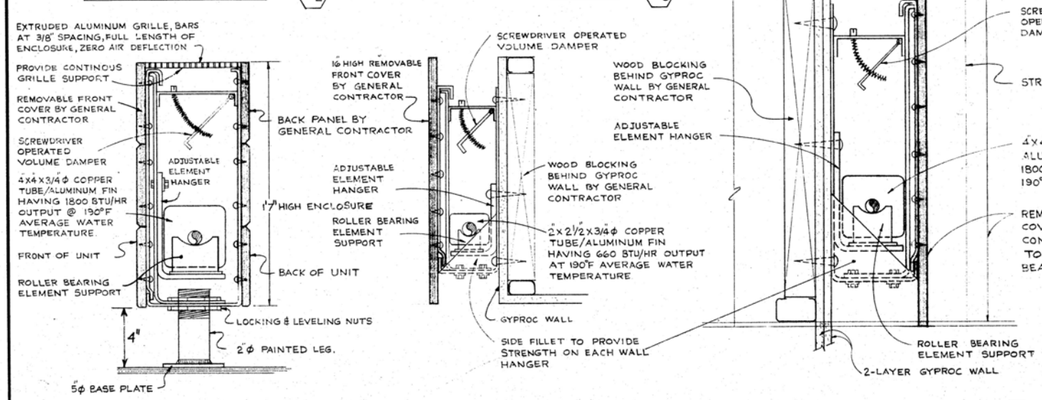
SEE MECHANICAL PENTHOUSE FOR CONTINUATION



NORTH SHAFT RISERS N.T.S.



RADIATION DETAIL (R2) RADIATION DETAIL (R6)

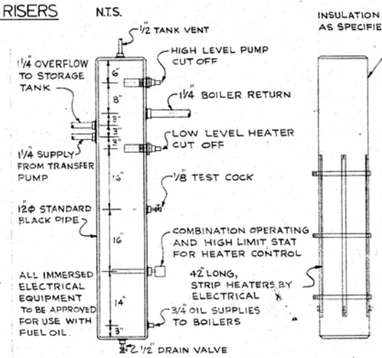


RADIATION DETAIL (R3) RADIATION DETAIL (R4) RADIATION DETAIL (R5)

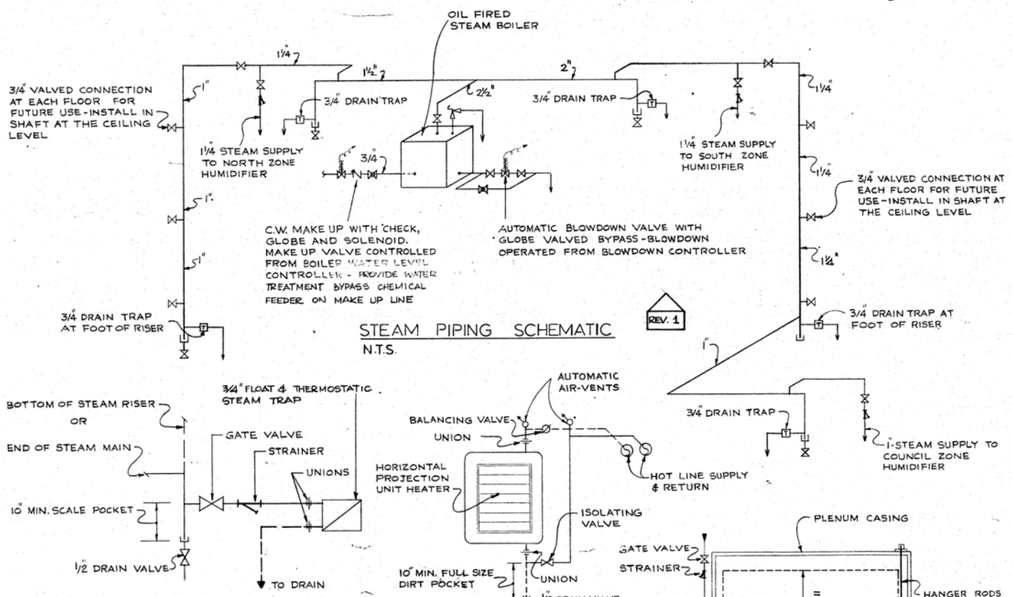
RADIATION NOTES

1. RADIATION TYPE (R1) TO BE STANDARD BASEBOARD RADIATION 8"HIGH X 35⅛ WIDE, USING 2"X 2½"X 3/4"ϕ COPPER TUBE/ALUMINUM FIN GIVING 660 BTU/HR OUTPUT @ 190°F AVERAGE WATER TEMPERATURE, C/W DAMPERS & SPECIFIED ACCESSORIES
2. RADIATION TYPE (R2) IS SHOWN ON DRAWING M-6
3. THESE DETAILS ARE INTENDED TO SHOW THE GENERAL FEATURES REQUIRED FOR RADIATION, NOT SPECIFIC CONSTRUCTION DETAILS. THE RADIATION SUPPLIER IS TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO MANUFACTURE OF ANY RADIATION EQUIPMENT
4. THE GENERAL CONTRACTOR SHALL PROVIDE ALL WOOD ENCLOSURES, BLOCKING AND WOOD SCREWS
5. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL HANGERS, BEARINGS, FIN, STRENGTHENERS, GRILLES, CLIPS, DAMPERS ETC. TO PROVIDE A COMPLETE INSTALLATION.
6. ALL RADIATION ITEMS AS LISTED IN #5 ABOVE, WHICH ARE ATTACHED TO BUILDING STRUCTURE SHALL BE HANDED TO GENERAL CONTRACTOR FOR INSTALLATION UNDER THE GUIDANCE OF THE MECHANICAL CONTRACTOR.
7. THE RADIATION SUPPLIER SHALL PROVIDE ALL MISCELLANEOUS BAFFLES ETC. NECESSARY TO PROVIDE THE SPECIFIED OUTPUT.
8. SPACING OF RADIATION SUPPORTS SHALL NOT BE GREATER THAN 60" APART
9. RADIATION TYPE (R6) IS BARE 4'-4'- 3/4" Al/CU FIN HAVING 1500 BTU/HR OUTPUT AT 190°F AVERAGE WATER TEMP.
10. FIN OUTPUTS QUOTED ARE PER 1 FOOT OF ELEMENT

SOUTH SHAFT RISERS N.T.S.



OIL HEAD TANK N.T.S.

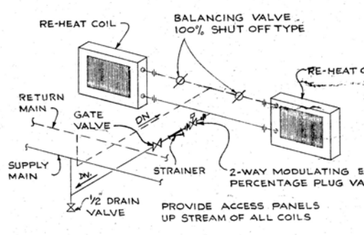


STEAM PIPING SCHEMATIC N.T.S.

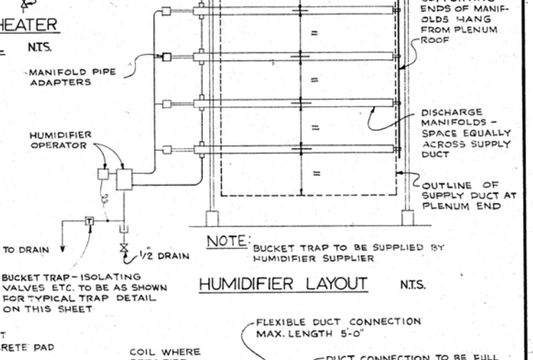
REV. 1

DRAIN TRAP DETAIL N.T.S.

UNIT HEATER DETAIL N.T.S.

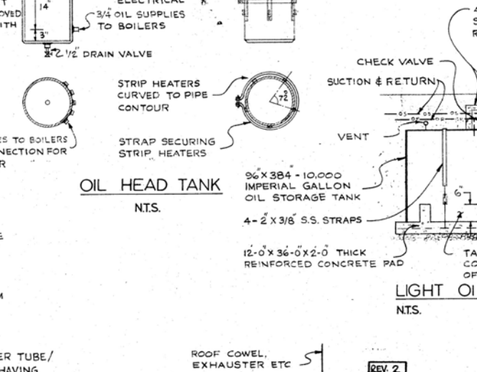


REHEAT COIL DETAIL N.T.S.

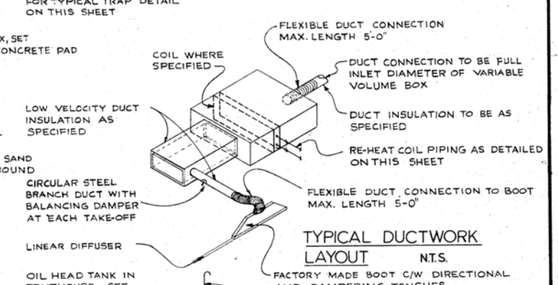


NOTE: BUCKET TRAP TO BE SUPPLIED BY HUMIDIFIER SUPPLIER

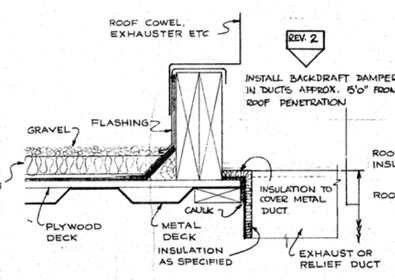
HUMIDIFIER LAYOUT N.T.S.



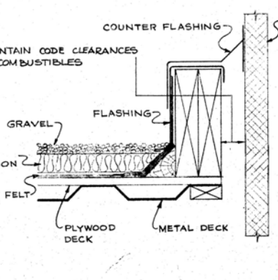
LIGHT OIL STORAGE TANK DETAIL N.T.S.



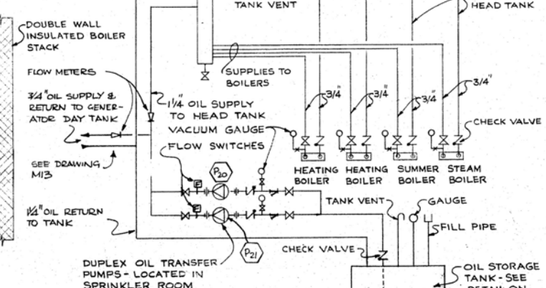
TYPICAL DUCTWORK LAYOUT N.T.S.



TYPICAL FLASHING - 2 N.T.S.



TYPICAL FLASHING - 1 N.T.S.



OIL PIPING SCHEMATIC N.T.S.

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS			
NO.	DATE	DESCRIPTION	
1	30 AUG 74	ADD. A STEAM PIPING SCHEMATIC. PIPE SIZES REVISED	
2	30 AUG 74	ADD. B TYPICAL FLASHING-2, BACKDRAFT DAMPER LOCATION REVISED	

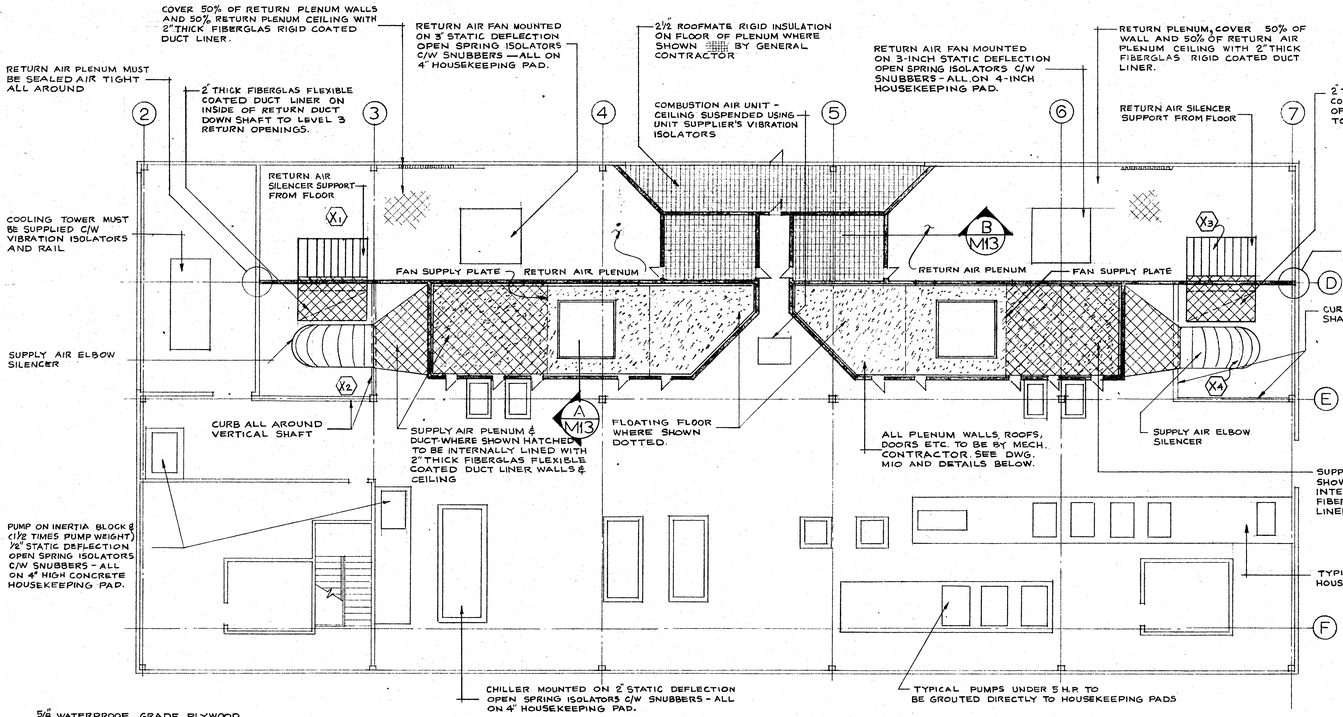
PROJECT NO. 88857
DATE: 1 APR. 74 | SCALE: N.T.S.
DRAWN: B.S | CHECK:
APPROVED:

GOVERNMENT OF THE YUKON TERRITORY

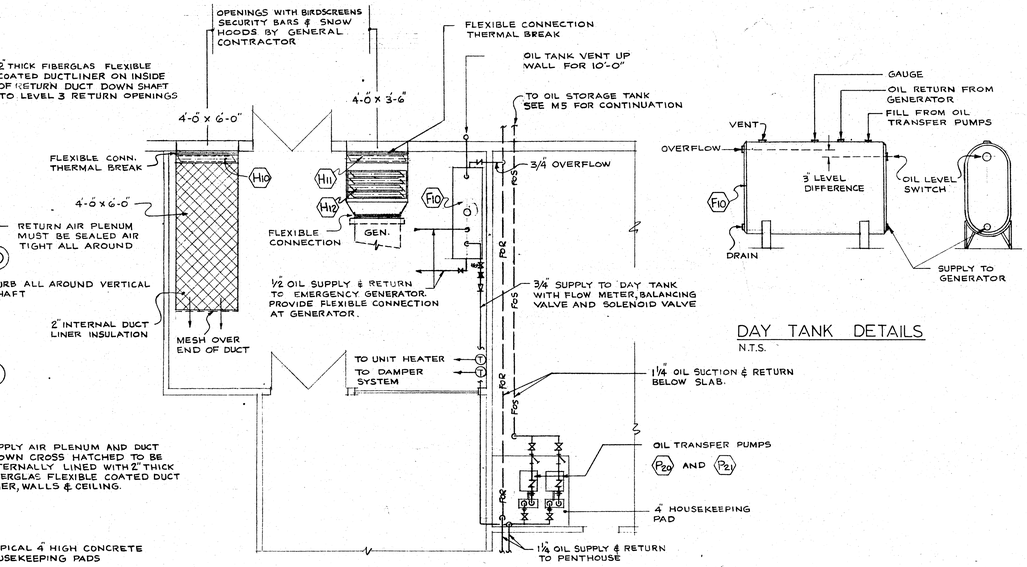
DRAWING TITLE: HEATING & AIR CONDITIONING DETAIL SHEET 3

PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

DRAWING NO. M 12 (B)

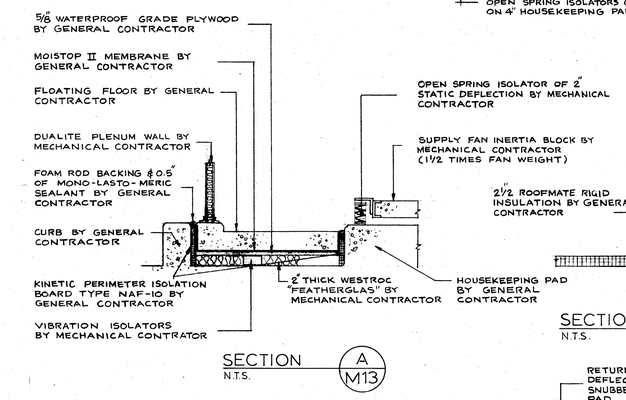


PENTHOUSE PLAN
SCALE ⅛" = 1'-0"

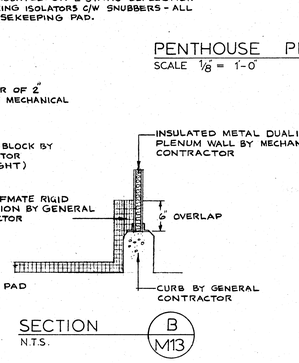


DAY TANK DETAILS
N.T.S.

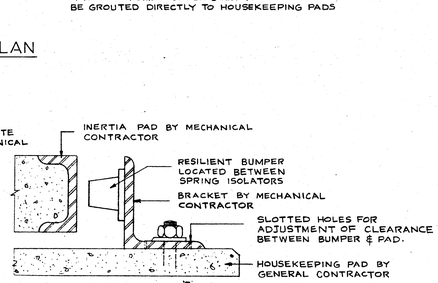
LEVEL-1 PART PLAN
SCALE ⅛" = 1'-0"



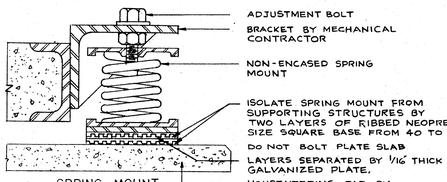
SECTION A M13
N.T.S.



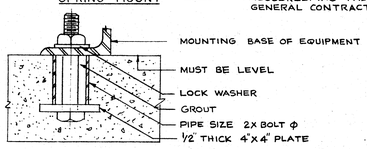
SECTION B M13
N.T.S.



LATERAL RESTRAINT

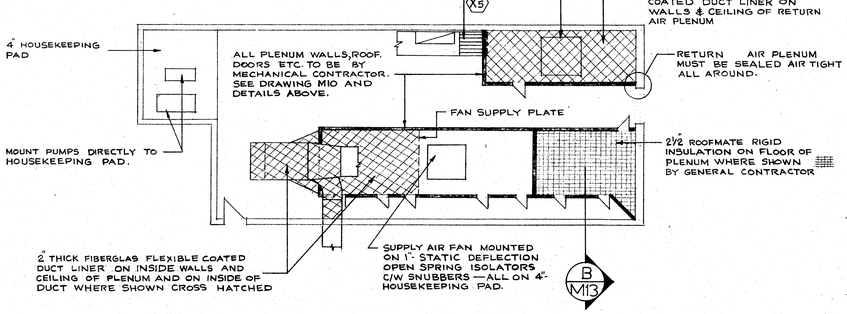


SPRING MOUNT

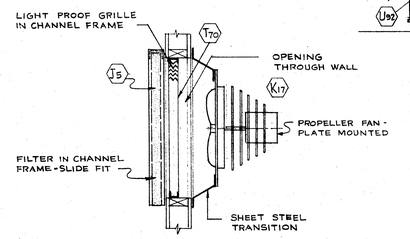


ANCHOR BOLT

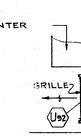
SPRING MOUNT DETAILS
N.T.S.

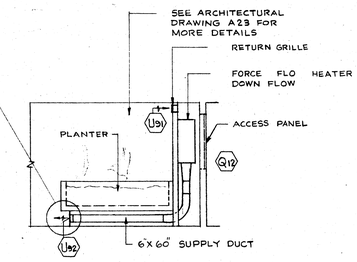


COUNCIL MECHANICAL ROOM
SCALE: ⅛" = 1'-0"

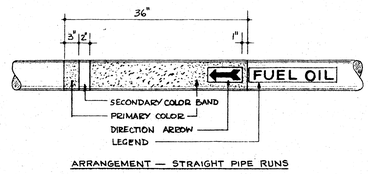


DARK ROOM SUPPLY
N.T.S.

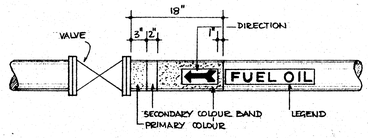




VESTIBULE HEATER DETAIL
N.T.S.



ARRANGEMENT — STRAIGHT PIPE RUNS



ARRANGEMENT - AT VALVES & FITTINGS

PIPING IDENTIFICATION
N.T.S.

NOTES

1. ALL FANS TO HAVE FLEXIBLE CONNECTIONS TO PREVENT VIBRATION TRANSMISSION TO STRUCTURE.
2. ALL PUMPS TO HAVE FLEXIBLE CONNECTIONS ON SUCTION AND DELIVERY.
3. CHILLER TO HAVE FLEXIBLE CONNECTIONS ON CHILLED AND CONDENSER WATER SUPPLIES AND RETURNS.
4. COOLING TOWER TO HAVE FLEXIBLE CONNECTIONS ON SUPPLY AND SUCTION PIPING.
5. ALL EQUIPMENT MOUNTED THROUGH VIBRATION ISOLATORS SHALL HAVE FLEXIBLE CONNECTIONS ON ATTACHED PIPING

Public Works Canada / Travaux publics Canada
Pacific Region

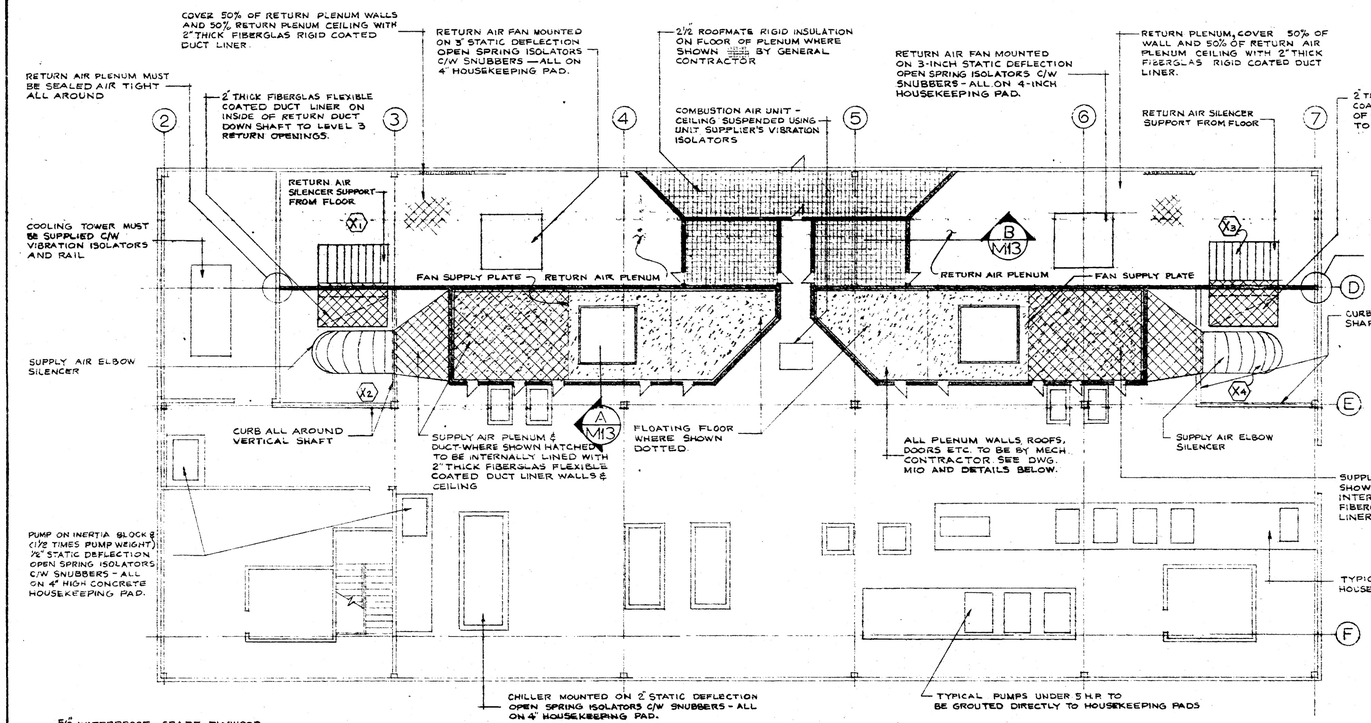
REVISIONS NO.	DATE	DESCRIPTION

PROJECT NO. 89857
DATE 1 APR. 74 | SCALE AS SHOWN
DRAWN B.S. | CHECK
APPROVED

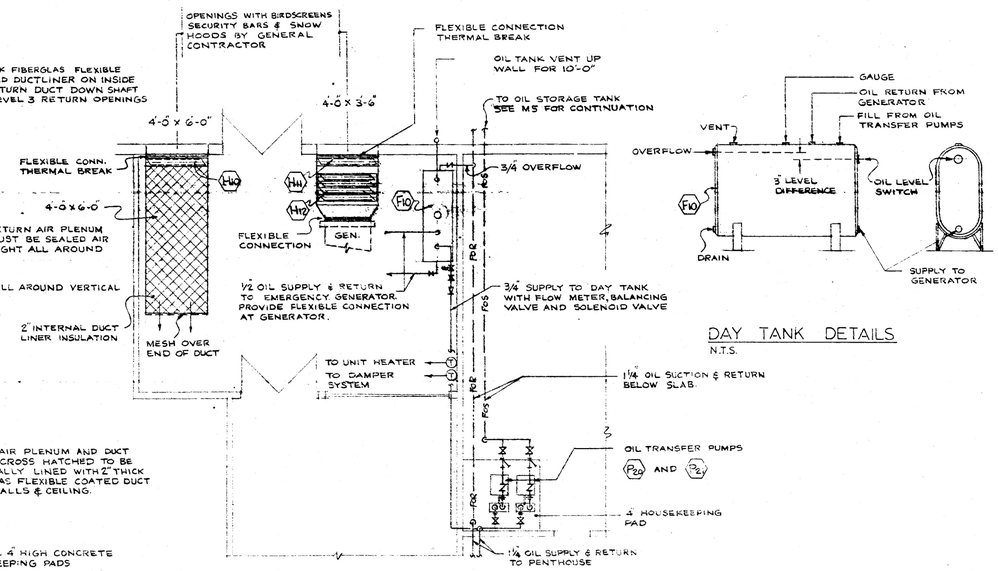
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 4
PROJECT TITLE

DRAWING NO. M13

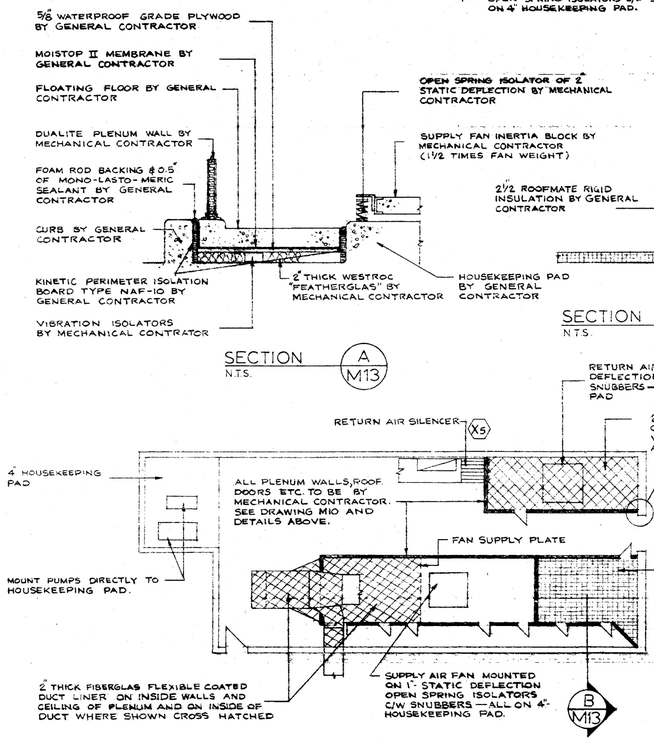


PENTHOUSE PLAN
SCALE ⅛" = 1'-0"

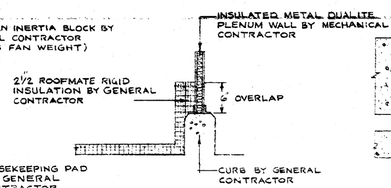


DAY TANK DETAILS
N.T.S.

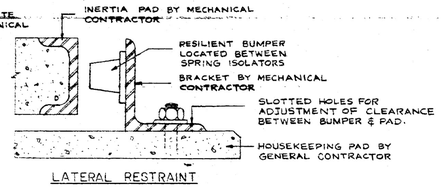
LEVEL-1 PART PLAN
SCALE ¼" = 1'-0"



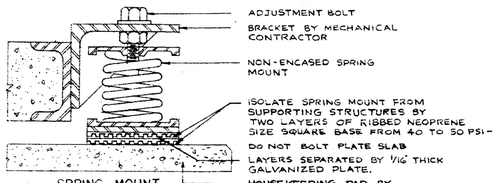
SECTION A M13
N.T.S.



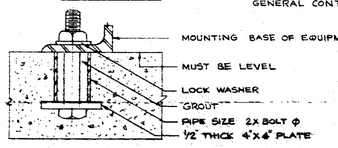
SECTION B M13
N.T.S.



LATERAL RESTRAINT

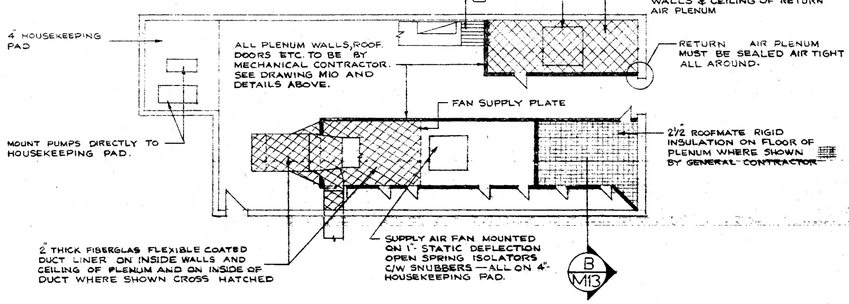


SPRING MOUNT

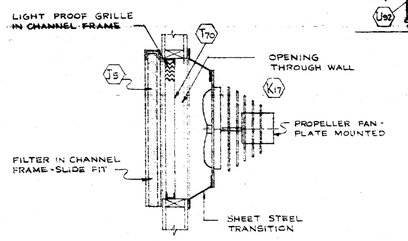


ANCHOR BOLT

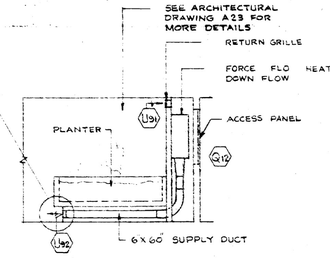
SPRING MOUNT DETAILS
N.T.S.



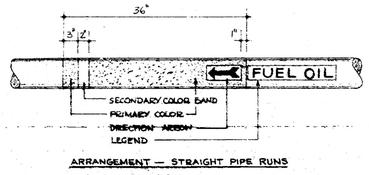
COUNCIL MECHANICAL ROOM
SCALE: ⅛" = 1'-0"



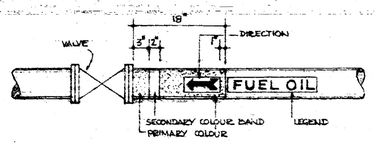
DARK ROOM SUPPLY
N.T.S.



VESTIBULE HEATER DETAIL
N.T.S.



ARRANGEMENT — STRAIGHT PIPE RUNS



ARRANGEMENT - AT VALVES & FITTINGS

PIPING IDENTIFICATION
N.T.S.

NOTES

1. ALL FANS TO HAVE FLEXIBLE CONNECTIONS TO PREVENT VIBRATION TRANSMISSION TO STRUCTURE.
2. ALL PUMPS TO HAVE FLEXIBLE CONNECTIONS ON SUCTION AND DELIVERY.
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5. ALL EQUIPMENT MOUNTED THROUGH VIBRATION ISOLATORS SHALL HAVE FLEXIBLE CONNECTIONS ON ATTACHED PIPING

Public Works Canada / Travaux publics Canada
Pacific Region

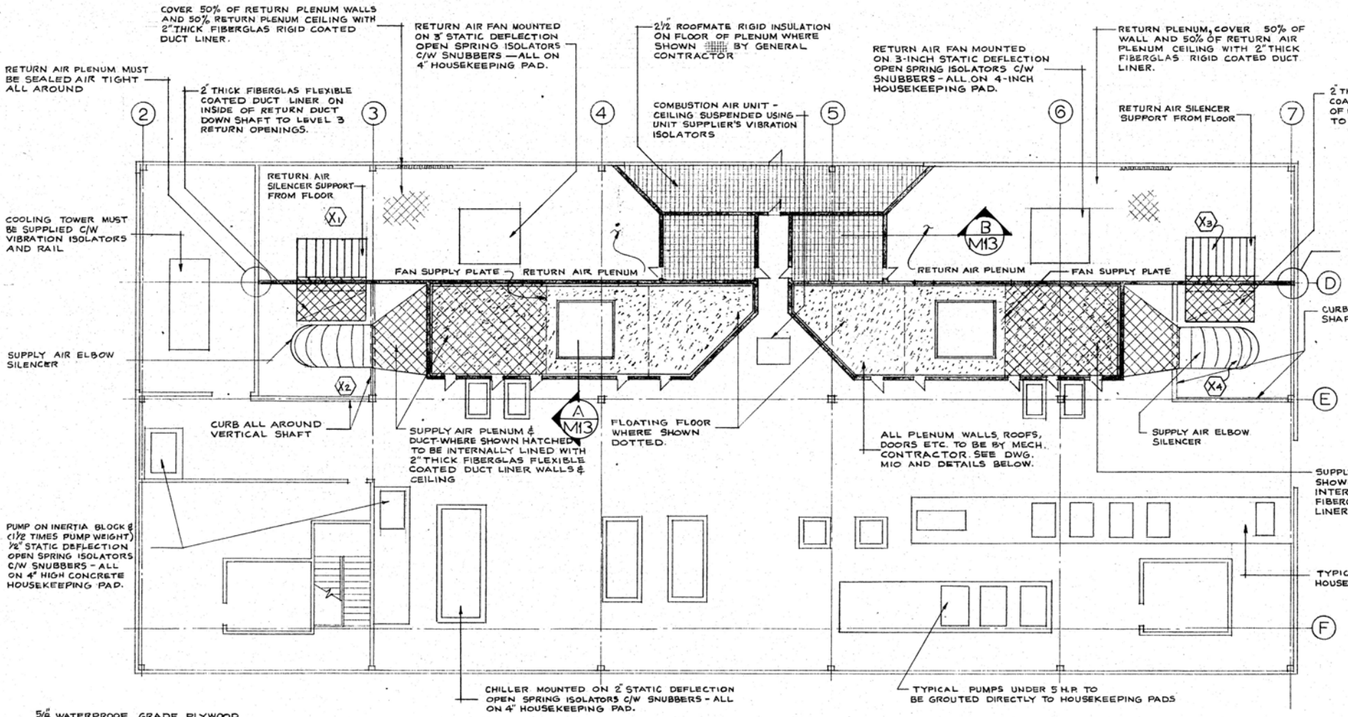
NO.	DATE	REVISIONS DESCRIPTION

PROJECT NO. 89857
DATE APR. 24/89 | SCALE AS SHOWN
DRAWN S.S. | CHECKED
APPROVED

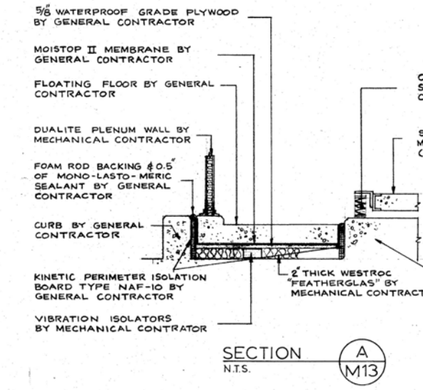
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 4
PROJECT TITLE

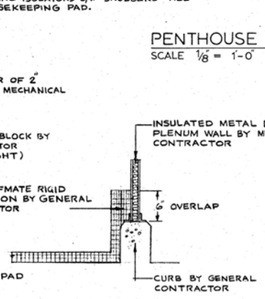
DRAWING NO.
M13



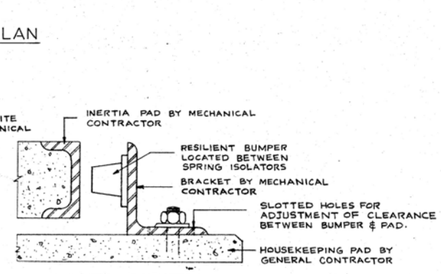
PENTHOUSE PLAN
SCALE ⅛" = 1'-0"



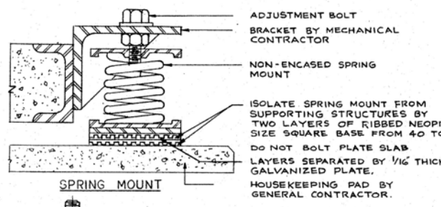
SECTION A M13
N.T.S.



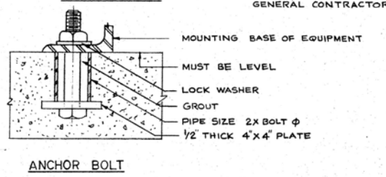
SECTION B M13
N.T.S.



LATERAL RESTRAINT



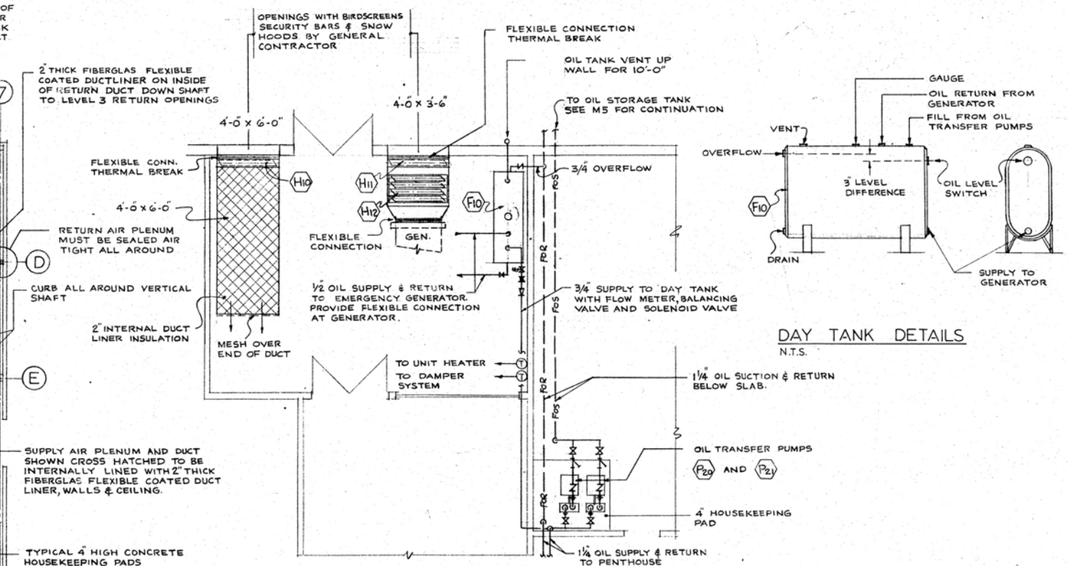
SPRING MOUNT



ANCHOR BOLT

SPRING MOUNT DETAILS
N.T.S.

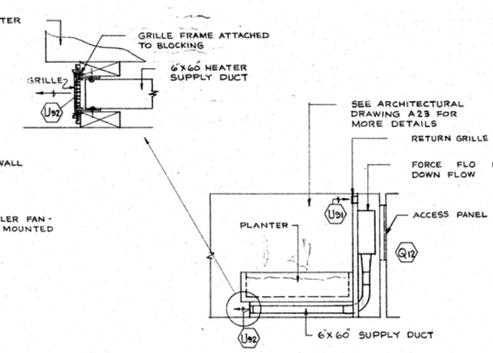
COUNCIL MECHANICAL ROOM
SCALE: ⅛" = 1'-0"



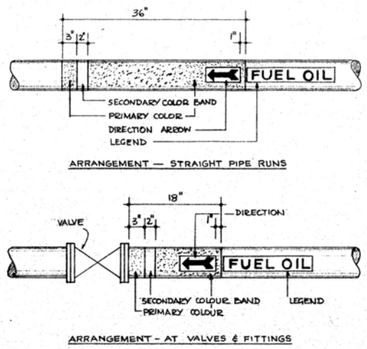
LEVEL-1 PART PLAN
SCALE ⅛" = 1'-0"

DAY TANK DETAILS
N.T.S.

DARK ROOM SUPPLY
N.T.S.



VESTIBULE HEATER DETAIL
N.T.S.



PIPING IDENTIFICATION
N.T.S.

NOTES

1. ALL FANS TO HAVE FLEXIBLE CONNECTIONS TO PREVENT VIBRATION TRANSMISSION TO STRUCTURE.
2. ALL PUMPS TO HAVE FLEXIBLE CONNECTIONS ON SUCTION AND DELIVERY.
3. CHILLER TO HAVE FLEXIBLE CONNECTIONS ON CHILLED AND CONDENSER WATER SUPPLIES AND RETURNS
4. COOLING TOWER TO HAVE FLEXIBLE CONNECTIONS ON SUPPLY AND SUCTION PIPING.
5. ALL EQUIPMENT MOUNTED THROUGH VIBRATION ISOLATORS SHALL HAVE FLEXIBLE CONNECTIONS ON ATTACHED PIPING

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.	89857
DATE	SCALE
1 APR. 74	AS SHOWN
DRAWN	CHECK
B.S.	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
HEATING & AIR CONDITIONING DETAIL SHEET 4
PROJECT TITLE

DRAWING NO.
M13

0210

LEGEND FOR SITE PLAN

- SANITARY SEWER ——— S ———
- STORM SEWER ——— ST ———
- DOMESTIC COLD WATER ———
- ABANDON LINES ////////
- FIRE HYDRANTS
- SIAMESE CONNECTION
- CATCH BASIN
- MANHOLE
- SHUT-OFF VALVES

LEGEND FOR PLUMBING DRAWINGS

- COLD WATER
- HOT WATER
- HOT WATER RECIRC
- SANITARY DRAIN
- STORM DRAIN
- VENT — V
- CLEANOUT — CO
- HOSE BIBB — HB
- FLOOR DRAIN — FD
- FUNNEL DRAIN — FU D
- HUB DRAIN — HD
- ROOF DRAIN — RD
- FIRE HOSE CABINET — FHC
- FIRE EXTINGUISHER (TYPE NOTED)
- SIAMESE CONNECTIONS
- PLUMBING FIXTURES (TYPE NOTED)

NEW LOCATION OF EXISTING FIRE HYDRANT c/w SHUT-OFF VALVE. LOCATE FIRE HYDRANT TO WITHIN FOUR (4) FEET OF MAIN WATER LINE.

EXIST. MANHOLE PIPE INV. 79.67'

10"ϕ + EXISTING

21"ϕ + EXISTING

ABANDON EXISTING WATER LINE.

EL. ST. WASHROOMS

TRANSFORMER

NEW SHUT OFF VALVES

REMOVE EXISTING 10" WATER LINE & CAP.

EXISTING

LONG THRUST BLOCK

NEW MANHOLE NEW EL. 84.62' PIPE INV. 79.82' C.S.P.

CONNECT NEW 8" SANITARY SEWER TO NEW MANHOLE

EXISTING FIRE HYDRANT REMOVED IN FIRST CONTRACT.

SHUT-OFF VALVE AT PROPERTY LINE

2"ϕ FORCED C.W. LINE BACK TO CITY MAIN.

80'-0" TO CITY WATER MAIN. CONNECTION

NEW SIAMESE CONNECTION

¾"ϕ HOSE BIBB

NEW BUILDING

¾"ϕ HOSE BIBB.

¾"ϕ HOSE BIBB.

½" HOSE BIBB

CATCH BASIN

EXISTING WET WELL

ABANDON EXISTING WATER LINE. LINE SHALL NOT BE ABANDON UNTIL NEW WATER SERVICE TO BUILDING IS INSTALLED

ABANDON EXISTING SANITARY SEWER

REMOVE EXISTING 10" WATER LINE AND CAP.

EXIST. SIAMESE TO BE RELOCATED

EXISTING LIBRARY

REMOVE VALVE AND CAP AT MAIN WATER LINE.

EXISTING FIRE HYDRANT SHALL BE REMOVED

ABANDON EXISTING SANITARY SEWER LINE. LINE SHALL NOT BE ABANDONED UNTIL SUCH TIME THAT NEW SEWER LINE IS INSTALLED INSIDE BUILDING

NEW LOCATION FOR EXISTING SIAMESE CONNECTION.

HANSON STREET

SECOND AVENUE

EXISTING 10"ϕ WATER LINE

EXISTING MANHOLE INVERT 77.10'

EXISTING 21"ϕ SANITARY SEWER

NEW LOCATION OF EXISTING FIRE HYDRANT c/w SHUT-OFF VALVE. INSTALLATION OF HYDRANT BY CITY OF WHITEHORSE FORCES

LEGAL DESCRIPTION:
LOTS 1 TO 5 AND LANE, BLK A, PLAN 19005
LOTS 1, 2 AND 6 TO 17 AND LANES, BLK 1, PLANS 19005 AND 3807.
LOTS 1 TO 17 AND LANES, BLK 2 PLAN 3807.
PORTIONS OF HAWKINS & ROGERS ST. FIRST AVENUE AND C OF T 127 B AS IN EXP 806.
WHITEHORSE, YUKON TERRITORY.

SITE PLAN

SCALE: 1"=20'0"

Public Works Canada Travaux publics Canada Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	3SEPT 74	DRAWING REVISED TO INCLUDE ADDENDUM 'A' (M14 ITEMS 1 TO 5)

PROJECT NO. 89857

DATE APR. 74 | SCALE 1"=20'0"

DRAWN B.J.S. | CHECK

APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
SITE PLAN AND LEGEND- PLUMBING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 14
A

Z1

LEGEND FOR SITE PLAN

SAN TAY: SEWER ——— S ———
STORM SEWER ——— ST ———
DOMEST. COLD WATER ———
ABANDON LINES ———
FIRE HYDRANTS
SIAMESE CONNECTION
CATCH BASIN
MANHOLE
SHUT-OFF VALVES

LEGEND FOR PLUMBING DRAWINGS

COLD WATER
HOT WATER
HOT WATER RECIRC
SANITARY DRAIN
STORM DRAIN
VENT — V —
CLEANOUT — CO
HOSE BIBB — HB
FLOOR DRAIN — FD
FUNNEL DRAIN — FU D
HUB DRAIN — HD
ROOF DRAIN — RD
FIRE HOSE CABINET — FHC
FIRE EXTINGUISHER (TYPE NOTED)
SIAMESE CONNECTIONS
PLUMBING FIXTURES (TYPE NOTED)

NEW LOCATION OF EXISTING FIRE HYDRANT W/ SHUT-OFF VALVE. LOCATE FIRE HYDRANT TO WITHIN FOUR (4) FEET OF MAIN WATER LINE.

EX. 6" MANHOLE 99.96 INV. 79.07'

10" ϕ EXISTING

8" ϕ EXISTING

ABANDON EXISTING WATER LINE

TRANSFORMER

REMOVE EXISTING 10" WATER LINE & CAP

EXISTING NEW MANHOLE RIM EL. 80.50 PIPE INV. 79.82 CAP

CONNECT NEW 8" SANITARY SEWER TO NEW MANHOLE

EXISTING FIRE HYDRANT REMOVED IN FIRST CONTRACT

NEW SHUT OFF VALVES

NEW SIAMESE CONNECTION

SHUT-OFF VALVE AT PROPERTY LINE

2" ϕ ROLLED C.I. LINE BACK TO CITY MAIN.

80'-0" TO CITY WATER MAIN CONNECTION.

NEW BUILDING

HANSON STREET

EXISTING WET WELL

CATCH BASIN

ABANDON EXISTING WATER LINE. LINE SHALL NOT BE ABANDONED UNTIL NEW WATER SERVICE TO BUILDING IS INSTALLED

ABANDON EXISTING SANITARY SEWER

REMOVE EXISTING WATER LINE AND CAP.

EXIST. SIAMESE TO BE RELOCATED

EXISTING LIBRARY

REMOVE VALVE AND CAP AT MAIN WATER LINE

EXISTING FIRE HYDRANT SHALL BE REMOVED

ABANDON EXISTING SANITARY SEWER LINE. LINE SHALL NOT BE ABANDONED UNTIL SUCH TIME THAT NEW SEWER LINE IS INSTALLED INSIDE BUILDING

NEW LOCATION FOR EXISTING SIAMESE CONNECTION

SECOND AVENUE

EXISTING 10" ϕ WATER LINE

EXISTING MANHOLE INVERT 77.9

EXISTING 21" ϕ SANITARY SEWER

NEW LOCATION OF EXISTING FIRE HYDRANT W/ SHUT-OFF VALVE. INSTALLATION OF HYDRANT BY CITY OF WHITEHORSE FORCES

LEGAL DESCRIPTION
LOTS 1 TO 5 AND LANE, BLK A, PLAN 19005
LOTS 1 AND 6 TO 7 AND LANE, BLK J, PLAN 19005 AND 3807.
LOTS 1 TO 17 AND LANE, BLK 2 PLAN 3807.
PORTIONS OF HAWKINS & ROGERS ST. FIRST AVENUE AND C OF T 127 B AS IN 62DP 804.
WHITEHORSE, YUKON TERRITORY.

SITE PLAN

SCALE: 1"=20'0"

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	3SEPT74	DRAWING REVISED TO INCLUDE ADDENDUM 'A' (M14 ITEMS 1 TO 5)

PROJECT NO. 89857
DATE APR. 74 | SCALE 1"=20'0"
DRAWN B.J.S. | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
SITE PLAN AND LEGEND - PLUMBING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 14
A

LEGEND FOR SITE PLAN

- SANITARY SEWER. — S —
- STORM SEWER. — ST —
- DOMESTIC COLD WATER. — — —
- ABANDON LINES. ////////
- FIRE HYDRANTS
- SIAMESE CONNECTION
- CATCH BASIN
- MANHOLE
- SHUT-OFF VALVES

LEGEND FOR PLUMBING DRAWINGS

- COLD WATER
- HOT WATER
- HOT WATER RECIRC
- SANITARY DRAIN
- STORM DRAIN
- VENT — V —
- CLEANOUT — CO
- HOSE BIBB — HB
- FLOOR DRAIN — FD
- FUNNEL DRAIN — FU D
- HUB DRAIN — HD
- ROOF DRAIN — RD
- FIRE HOSE CABINET — FHC
- FIRE EXTINGUISHER (TYPE NOTED)
- SIAMESE CONNECTIONS
- PLUMBING FIXTURES (TYPE NOTED)

NEW LOCATION OF EXISTING FIRE HYDRANT ON SHUT-OFF VALVE. LOCATE FIRE HYDRANT TO WITHIN FOUR (4) FEET OF MAIN WATER LINE.

EXIST. MANHOLE PIPE INV. 79.67'

10"ϕ + EXISTING

21"ϕ + EXISTING

ABANDON EXISTING WATER LINE.

EXIST. WASHROOMS.

TRANSFORMER

NEW SHUT OFF VALVES

REMOVE EXISTING 10" WATER LINE & CAP

EXISTING

NEW MANHOLE NEW S. INV. 80.62' PIPE INV. 79.82' CAP

CONNECT NEW 8" SANITARY SEWER TO NEW MANHOLE

EXISTING FIRE HYDRANT REMOVED IN FIRST CONTRACT.

LONG TWIST BUCK.

SHUT-OFF VALVE AT PROPERTY LINE

2"ϕ FORCED C.W. LINE BACK TO CITY MAIN.

80'-0" TO CITY WATER MAIN. CONNECTION

NEW SIAMESE CONNECTION

¾"ϕ HOSE BIBB.

NEW BUILDING

HANSON STREET

CATCH BASIN

EXISTING WET WELL

ABANDON EXISTING WATER LINE. LINE SHALL NOT BE ABANDON UNTIL NEW WATER SERVICE TO BUILDING IS INSTALLED.

ABANDON EXISTING SANITARY SEWER

REMOVE EXISTING 10" WATER LINE AND CAP.

EXIST. SIAMESE TO BE RELOCATED

EXISTING LIBRARY

REMOVE VALVE AND CAP AT MAIN WATER LINE.

EXISTING FIRE HYDRANT SHALL BE REMOVED

ABANDON EXISTING SANITARY SEWER LINES. LINE SHALL NOT BE ABANDONED UNTIL SUCH TIME THAT NEW SEWER LINE IS INSTALLED INSIDE BUILDING

NEW LOCATION FOR EXISTING SIAMESE CONNECTION.

SECOND AVENUE

EXISTING MANHOLE INVERT 77.10'

EXISTING 10"ϕ WATER LINE

EXISTING 21"ϕ SANITARY SEWER

NEW LOCATION OF EXISTING FIRE HYDRANT ON SHUT-OFF VALVE. INSTALLATION OF HYDRANT BY CITY OF WHITEHORSE FORCES

LEGAL DESCRIPTION:
LOTS 1 TO 5 AND LANE, BLK A, PLAN 19005
LOTS 1, 2 AND 6 TO 17 AND LANES, BLK 1, PLANS 19005 AND 3807.
LOTS 1 TO 17 AND LANES, BLK 2 PLAN 3807.
PORTIONS OF HAWKINS & ROGERS ST. FIRST AVENUE AND C OF T 127 B AS IN 82-19 BDL.
WHITEHORSE, YUKON TERRITORY.

SITE PLAN

SCALE: 1"=20'0"

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	3SEPT 74	DRAWING REVISED TO INCLUDE ADDENDUM 'A' (M14 ITEMS 1 TO 5)

PROJECT NO. 89857
DATE APR. 74 | SCALE 1"=20'0"
DRAWN B.J.S. | CHECK
APPROVED

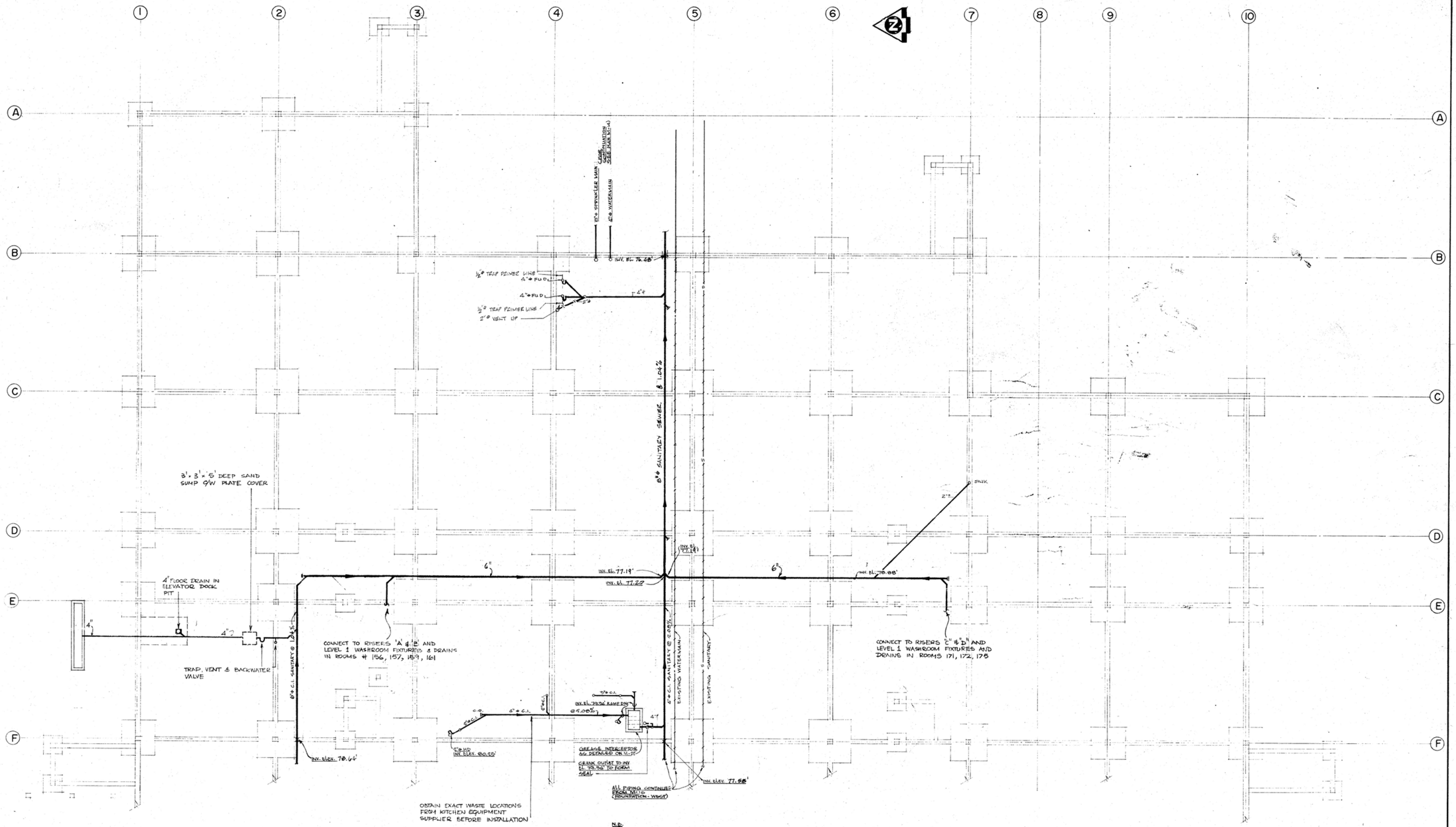
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
SITE PLAN AND LEGEND- PLUMBING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 14
A

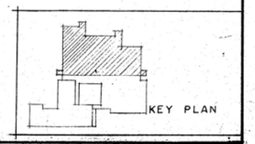
0213



N.B.
EXISTING WATER & SANITARY PIPING SHALL BE ABANDONED & CAPPED AS INDICATED ONLY UPON COMPLETION OF ALL PIPING INSTALLATION.
CLEANOUTS DEPICTED HEREIN ACCORDING TO CODE - REFER TO FURNITURE LAYOUT PLAN AND INCORPORATE ON SITE IF RELOCATION OF ABOVE-SAID REQUIRED TO AVOID CONFLICT. PRIOR APPROVAL SHALL BE OBTAINED FROM ARCHITECT & PLUG INSPECTOR BEFORE SAID RELOCATION.

LEVEL ONE EAST

SCALE: 1/8"= 1'-0"



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
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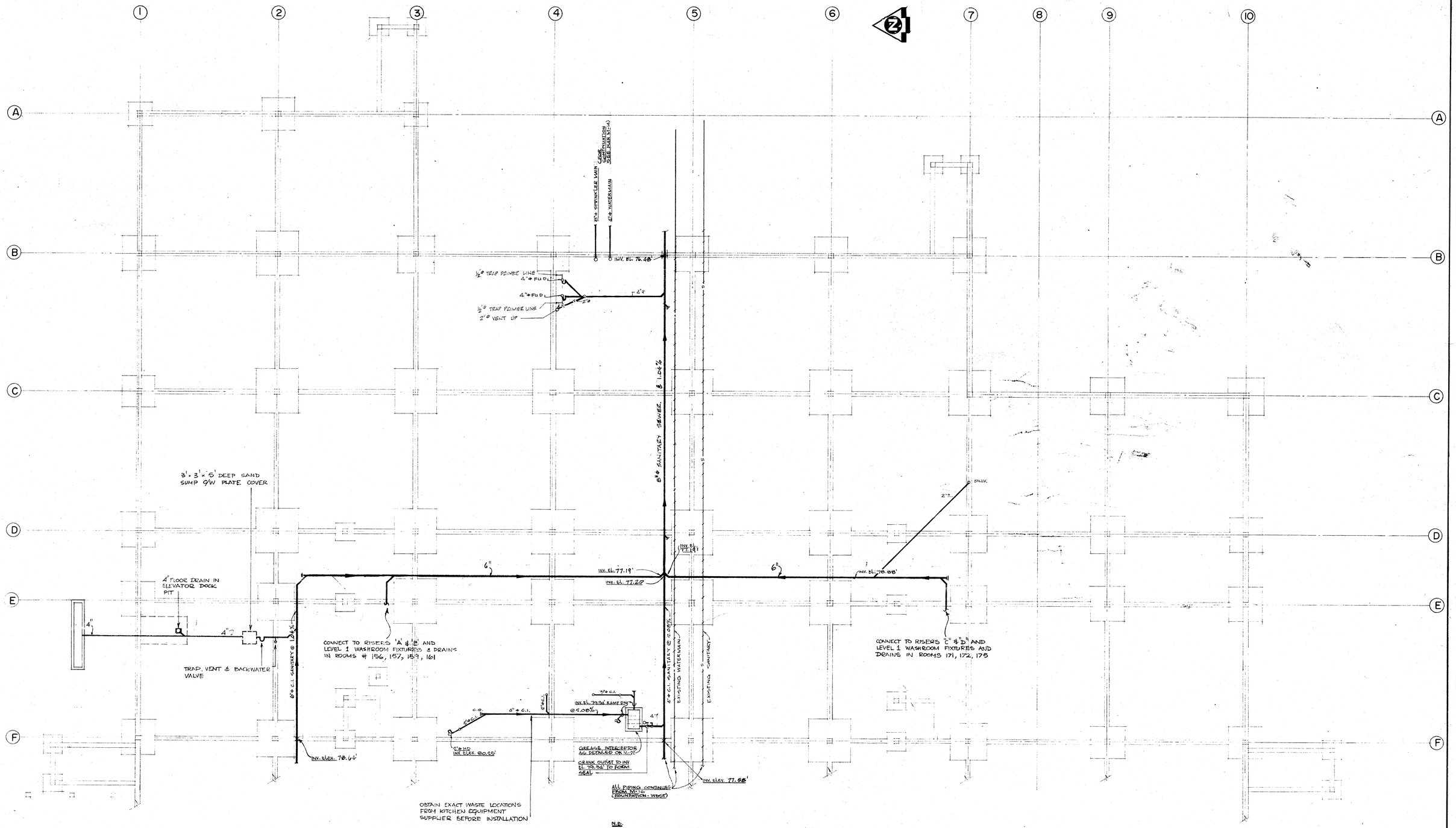
PROJECT NO. 89 857
DATE APR. 74
SCALE 1/8"=1'-0"
DRAWN G.L.
CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE EAST - FOUNDATION - PLUMBING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 16
A

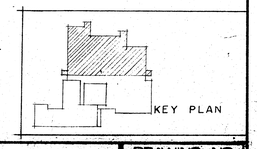


N.B.
EXISTING WATER & SANITARY PIPING SHALL BE ABANDONED & CAPPED AS INDICATED ONLY UPON COMPLETION OF ALL PIPING INSTALLATION.

CLEANOUTS DEPICTED HEREIN ACCORDING TO CODE: REFER TO FURNITURE LAYOUT PLAN AND INCORPORATE ON SITE IF RELOCATION OF FIXTURES AS REQUIRED TO AVOID CONFLICT. PRIOR APPROVAL SHALL BE OBTAINED FROM ARCHITECT & ELEV. INSPECTOR BEFORE SAID RELOCATION

LEVEL ONE EAST

SCALE: 1/8"= 1'-0"



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	3 SEPT. 74	DRAWING REVISED TO INCLUDE ADDENDUM "A" (MIB ITEMS 1 TO 5)

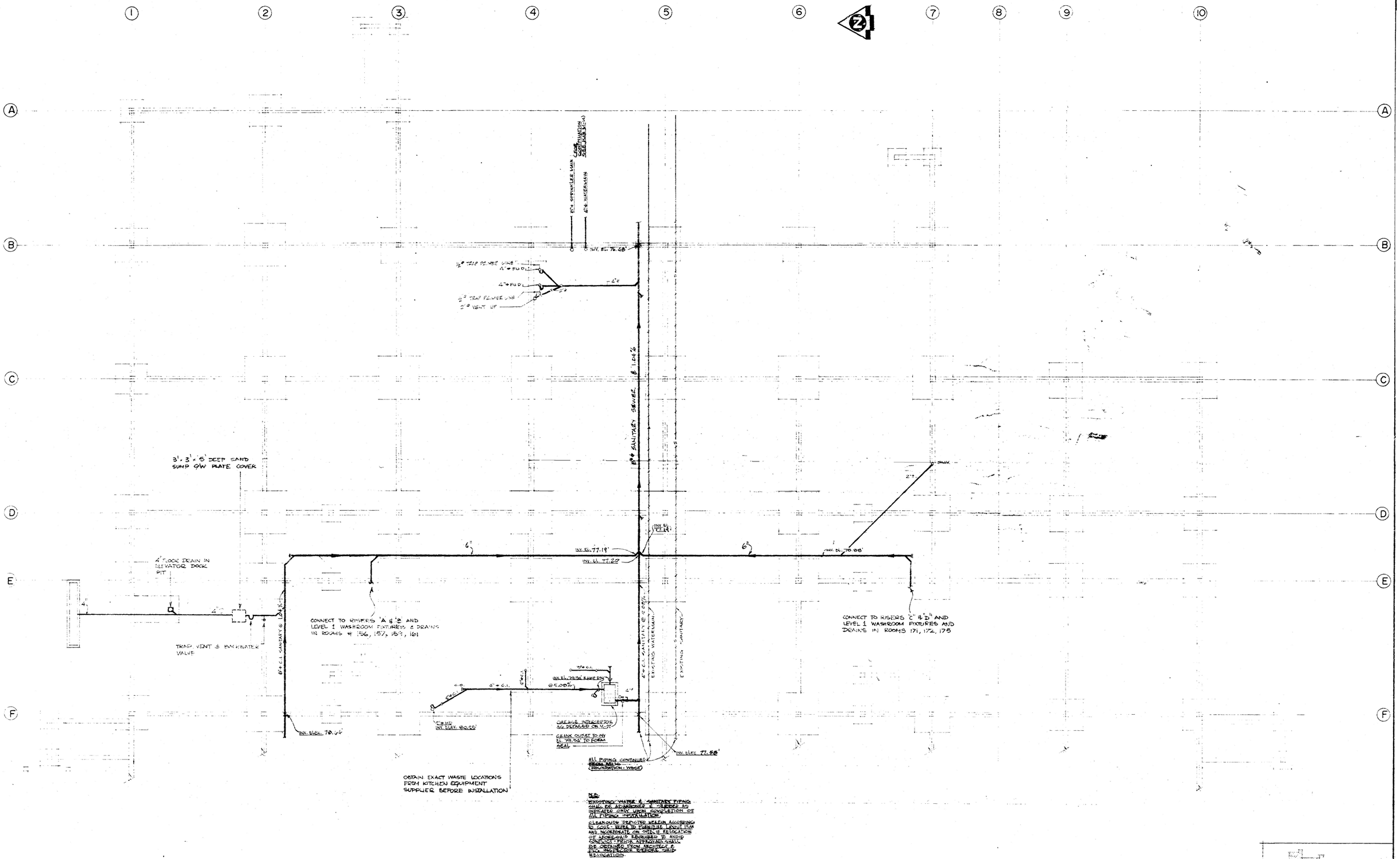
PROJECT NO. 89 857	
DATE APR. 74	SCALE 1/8"=1'-0"
DRAWN G.L.	CHECK
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE EAST - FOUNDATION - PLUMBING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 16
A



N.B:
EXISTING WATER & SANITARY PIPING SHALL BE ABANDONED & CAPPED AS INDICATED ONLY UPON COMPLETION OF ALL PIPING INSTALLATION.

CLEAN-OUTS DIRECTED HEREIN ACCORDING TO CODE - REFER TO FURNITURE LAYOUT PLAN AND INCORPORATE ON SITE RELOCATION OF ABOVE-GRADE REQUIRED TO AVOID CONFLICT - PRIOR APPROVAL SHALL BE OBTAINED FROM ARCHITECT & CIVIL ENGINEER BEFORE SAID RELOCATION.

LEVEL ONE EAST

SCALE: 1/8" = 1'-0"

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

NO.	DATE	REVISIONS DESCRIPTION
1	SEPT. 74	DRAWING REVISED TO INCLUDE ADDENDUM 'A' (MIB ITEMS 1 TO 5)

PROJECT NO. 89 857
DATE APR. 74
SCALE 1/8"=1'-0"
DRAWN G.L.
CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE EAST - FOUNDATION - PLUMBING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 15

FOR CONTINUATION SEE DWG M-18

INV. ELEV. 78.64'

4" FD IN CRAWL SPACE BELOW CORRIDOR, CONNECT TO EXTG WET WELL

8"ø C.I. SANITARY @ 1.04%

NEW CATCH BASIN - PIPE INV. 78.0'

INSTALL NEW SANITARY SEWER CONNECTIONS

EXISTING WELL PIT. ROOFING DRAINAGE TO REMAIN.

ABANDON

4" FD IN CRAWL SPACE BELOW CORRIDOR, CONNECT TO EXTG WET WELL

INV. ELEV. 76.13'

EXIST. 4" FIRE LINE

CONNECT TO EXIST 4"

CAP OFF

EXIST. 4" FIRE LINE TO BE ABANDONED

RELOCATE EXIST. FIRE SIAMESE CONN.

INSTALL NEW 4" FIRE LINE IN CRAWL SPACE UNDER EXIST. LIBRARY.

NEW LOCATION FOR EXIST. SIAMESE

FOR CONTINUATION SEE DWG M-18

INV. 77.88

10" ø

21" ø

EXISTING WATERMAIN TO BE ABANDONED

EXISTING SANITARY TO BE ABANDONED

STANDING DRAIN

4"ø DRAIN PIPE

INV. ELEV. 79.16'

3" POOL DRAIN

3" P.V.C.

CAP EXISTING WATER LINE

ABANDON

RELOCATE EXISTING FIRE HYDRANT

3" POOL DRAIN

2" RISER CONTINUED ON DWG. M-18 & M-20.

ADDENDUM #1

10" ø

21" ø

CONNECT TO LAVS, W.C.'S, URINALS, DRINKING FOUNTAIN, F.D.'S ETC IN 2ND LEVEL WASHROOMS # 207 & # 208 AND LEVEL 1 WASHROOMS # 122 & # 123

3" FUNNEL DRAIN. LOCATE ADJACENT TO CONVERTER, FILL TANK, CHILLED WATER PUMP ETC. TO TAKE LOW POINT DRAINS

3" FUNNEL DRAIN. LOCATE BELOW HEATING SYSTEM PUMP & VALVE STATIONS TO TAKE LOW POINT DRAINS

BOOSTER PUMP SET OPERATION

3" FUNNEL DRAIN. LOCATE ADJACENT TO COOLING COIL DRAIN PAN CONNECTION. TO TAKE COOLING COIL CONDENSATION

5" FLOOR DRAIN. LOCATE 250 INSIDE MECH ROOM DOOR. TO TAKE SURFACE WATER

4"ø C.I. @ 2.08%

INV. EL. 78.80

COMBINATION DEEP SEAL TRAP, CLEANOUT & BACKWATER VALVE LOCATE IN MECH. ROOM. RUN VENT TO NEAREST HEADER

OUTLINE OF MECH ROOM OVER SHOWN DOTTED

3" P.V.C. DRAIN LINE SLOPE 2.0" PER FOOT

2" SOIL HOPPER - NO JOINTS

4"ø C.I. SOIL STACK

K.O.

SERVICE SINK

COMBINATION DEEP SEAL TRAP CLEANOUT & BACKWATER VALVE LOCATE IN JANITORS ROOM. RUN VENT TO NEAREST HEADER.

4"ø FD INV. ELEV. 80.29'

LEVEL ONE COUNCIL BLOCK (WEST)

FOUNDATION PLAN

SCALE : 1/8" = 1'0"

KEY PLAN

Public Works Canada Travaux publics Canada Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	SEPT/74	DRAWING REVISED TO INCLUDE ADDENDUM "A" (M16 ITEMS 1 TO 8)

PROJECT NO: 89857

DATE: APR./74 | SCALE: 1/8" = 1'-0"

DRAWN: G.L. | CHECK:

APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL ONE (WEST) FOUNDATION - PLUMBING

PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

DRAWING NO.

FOR CONTINUATION SEE DWG M-15

INV. ELEV. 78.64'

FOR CONTINUATION SEE DWG M-15

INV. 77.58'

10" ϕ

21" ϕ

CONNECT TO LAVS, W.C.'S, URINALS, DRINKING FOUNTAIN, F.D.'S ETC. IN 2ND LEVEL WASHROOMS # 207 & # 208 AND LEVEL 1 WASHROOMS # 122 & # 123

3" FUNNEL DRAIN. LOCATE ADJACENT TO CONVERTER, FILL TANK, CHILLED WATER PUMP ETC. TO TAKE LOW POINT DRAINS

3" FUNNEL DRAIN. LOCATE BELOW HEATING SYSTEM PUMP & VALVE STATIONS. TO TAKE LOW POINT DRAINS

POOL FILLING & CIRCULATION

3"ϕ

4"

3"

3" FUNNEL DRAIN. LOCATE ADJACENT TO COOLING COIL DRAIN PAN CONNECTION. TO TAKE COOLING COIL CONDENSATION

3" FLOOR DRAIN. LOCATE 150" INSIDE MECH. ROOM DOOR. TO TAKE SURFACE WATER

4" FD IN CRAWL SPACE BELOW CORRIDOR, CONNECT TO EXTG. WET WELL

STANDING DRAIN

4"ϕ DRAIN FROM POOL

INV. ELEV. 79.16'

4"ϕ C.I. @ 2.08%

INV. EL. 78.80'

NEW CATCH BASIN - PIPE INV. 78.0'

6"ϕ CI. SANITARY @ 1.04%

6"

5'

4"

6'

EXISTING WATERMAIN TO BE ABANDONED

EXISTING SANITARY TO BE ABANDONED

COMBINATION DEEP SEAL TRAP, CLEANOUT & BACKWATER VALVE LOCATE IN MECH. ROOM. RUN VENT TO NEAREST HEADER

OUTLINE OF MECH ROOM OVER SHOWN DOTTED

INSTALL NEW SANITARY SEWER CONNECTIONS

EXISTING WELL PIT. ROOFING DRAINAGE TO REMAIN.

ABANDON

4" FD IN CRAWL SPACE BELOW CORRIDOR, CONNECT TO EXTG. WET WELL

INV. ELEV. 78.52'

INV. ELEV. 78.03'

10" ϕ

21" ϕ

3" POOL DRAIN

3"ϕ C.I.

CAP EXISTING WATER LINE

3"ϕ C.I. DRAIN'S LINE SLOPE

2" SOFT COPPER - NO JOINTS

4"

K.D.

4"ϕ C.I. 100% SUPPLY

4'

SERVICE SINK

COMBINATION DEEP SEAL TRAP CLEANOUT & BACKWATER VALVE - LOCATE IN JANITORS ROOM. RUN VENT TO NEAREST HEADER.

4"ϕ FD. INV. ELEV. 80.29'

EXIST. 4"ϕ FIRE LINE

CONNECT TO EXIST. 4"ϕ

CAP OFF

EXIST. 6"ϕ FIRE LINE TO BE ABANDONED.

RELOCATE EXIST. FIRE SIAMESE CONN.

ABANDON

3'

RELOCATE EXISTING FIRE HYDRANT

3" POOL DRAIN

2" RISER, CONTINUED ON DWG. M-15 & M-20.

ADDENDUM # 1

INSTALL NEW 6"ϕ FIRE LINE IN CRAWL SPACE UNDER EXIST. WATERLINE.

NEW LOCATION FOR EXIST. SIAMESE

LEVEL ONE COUNCIL BLOCK (WEST)

FOUNDATION PLAN

SCALE : 1/8" = 1'-0"

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION
1	3 SEPT/74	DRAWING REVISED TO INCLUDE ADDENDUM "A" (M16 ITEMS 1 TO 8)

PROJECT NO: 8957

DATE: APR. 74 | SCALE: 1/8" = 1'-0"

DRAWN: G.L. | CHECK:

APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL ONE (WEST) FOUNDATION - PLUMBING

PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

DRAWING NO.

FOR CONTINUATION SEE DWG M-16

INV. ELEV. 78.44

FOR CONTINUATION SEE DWG M-15

INV. 77.98'

10" ϕ

21" ϕ

CONNECT TO LAVS, W.C.'S, URINALS, DRINKING FOUNTAIN, F.D.'S ETC IN 2ND LEVEL WASHROOMS # 207 & # 208 AND LEVEL 1 WASHROOMS # 122 & # 123

3" FUNNEL DRAIN. LOCATE ADJACENT TO CONVERTER, FILL TANK, CHILLED WATER PUMP ETC TO TAKE LOW POINT DRAINS

3" FUNNEL DRAIN. LOCATE BELOW HEATING SYSTEM PUMP & VALVE STATIONS TO TAKE LOW POINT DRAINS

4" FD IN CRAWL SPACE BELOW CORRIDOR, CONNECT TO EXTG WET WELL

STANDING DRAIN

4"ϕ DRAIN POOL INV. ELEV. 79.76

NEW CATCH BASIN. PIPE INV. 78.0'

6" ϕ CI

4" ϕ CI

EXISTING WATERMAIN TO BE ABANDONED

EXISTING SANITARY TO BE ABANDONED

INSTALL NEW SANITARY SEWER CONNECTIONS

EXISTING WELL PIT. FOOTING DRAINAGE TO REMAIN.

ABANDON

4" FD IN CRAWL SPACE BELOW CORRIDOR, CONNECT TO EXTG WET WELL

INV. ELEV. 78.00

4" ϕ CI @ 1.00%

INV. ELEV. 78.00'

COMBINATION DEEP SEAL TRAP, CLEANOUT & BACKWATER VALVE LOCATE IN MECH. ROOM, RUN VENT TO NEAREST HEADER

OUTLINE OF MECH ROOM OVER SHOWN DOTTED

5" FLOOR DRAIN. LOCATE 3'0" INSIDE MECH. ROOM DOOR. TO TAKE SURFACE WATER

3" FUNNEL DRAIN. LOCATE ADJACENT TO COOLING COIL DRAIN PAN CONNECTION. TO TAKE COOLING COIL CONDENSATION

3" POOL DRAIN

CAP EXISTING WATER LINE

EXIST. 2" FIRE LINE

CAP OFF

CONNECT TO EXIST. 4"

EXIST. 2" FIRE LINE TO BE ABANDONED

RELOCATE EXIST. FIRE SIAMESE CONN.

ABANDON

RELOCATE EXISTING FIRE HYDRANT

3" POOL DRAIN

2" RISER, CONTINUED ON DWG. M-16 & M-20.

ADDENDUM # 1

INSTALL NEW 4" ϕ FIRELINE IN CRAWL SPACE UNDER EXIST. LIBRARY

NEW LOCATION FOR EXIST. SIAMESE

SERVICE SINK

COMBINATION DEEP SEAL TRAP CLEANOUT & BACKWATER VALVE LOCATE IN JANITORS ROOM RUN VENT TO NEAREST HEADER

CAPPED INV. ELEV. 80.09

LEVEL ONE COUNCIL BLOCK (WEST)

FOUNDATION PLAN

SCALE : 1/8" = 1'0"

K.E.Y. PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO	DATE	DESCRIPTION
1		ADDENDUM DRAWING REVISED TO INCLUDE ADDENDUM 'A' (M16 ITEMS 1 TO 8)

PROJECT NO. 89857

DATE	SCALE
APR. 74	1/8" = 1'0"
DRAWN	CHECK
G.L.	

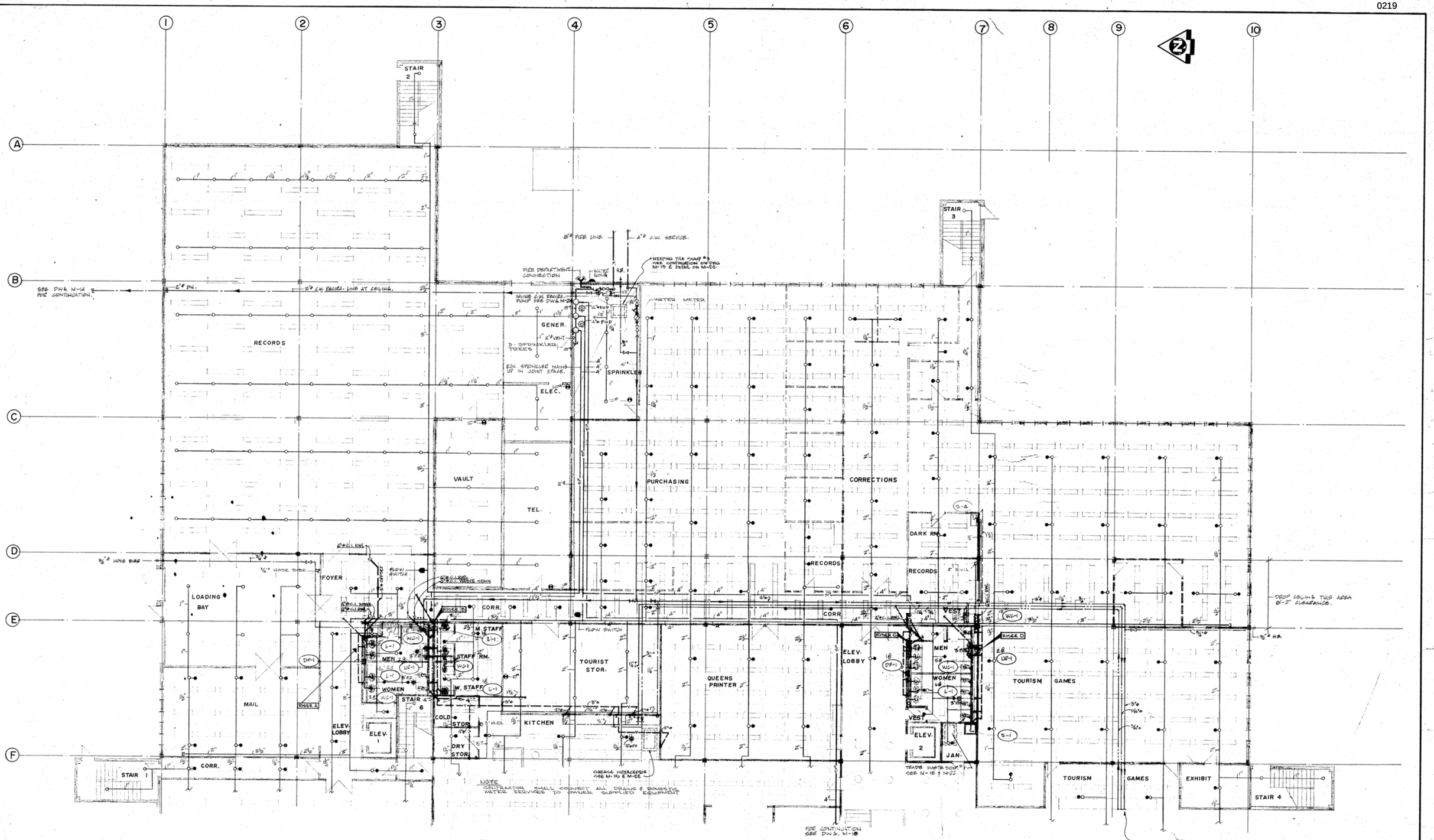
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL ONE COUNCIL BLOCK (WEST) FOUNDATION - PLUMBING

DRAWING NO.

98



NOTE
CONTRACTOR SHALL CONNECT ALL DRAINS & DOMESTIC WATER SERVICES TO OWNER SUPPLIED EQUIPMENT

N.B.
REFER TO RISER DIAGRAMS FOR PIPING HOOKUP, PIPE SIZES & ARRANGEMENTS (SEE PKG M-12B)

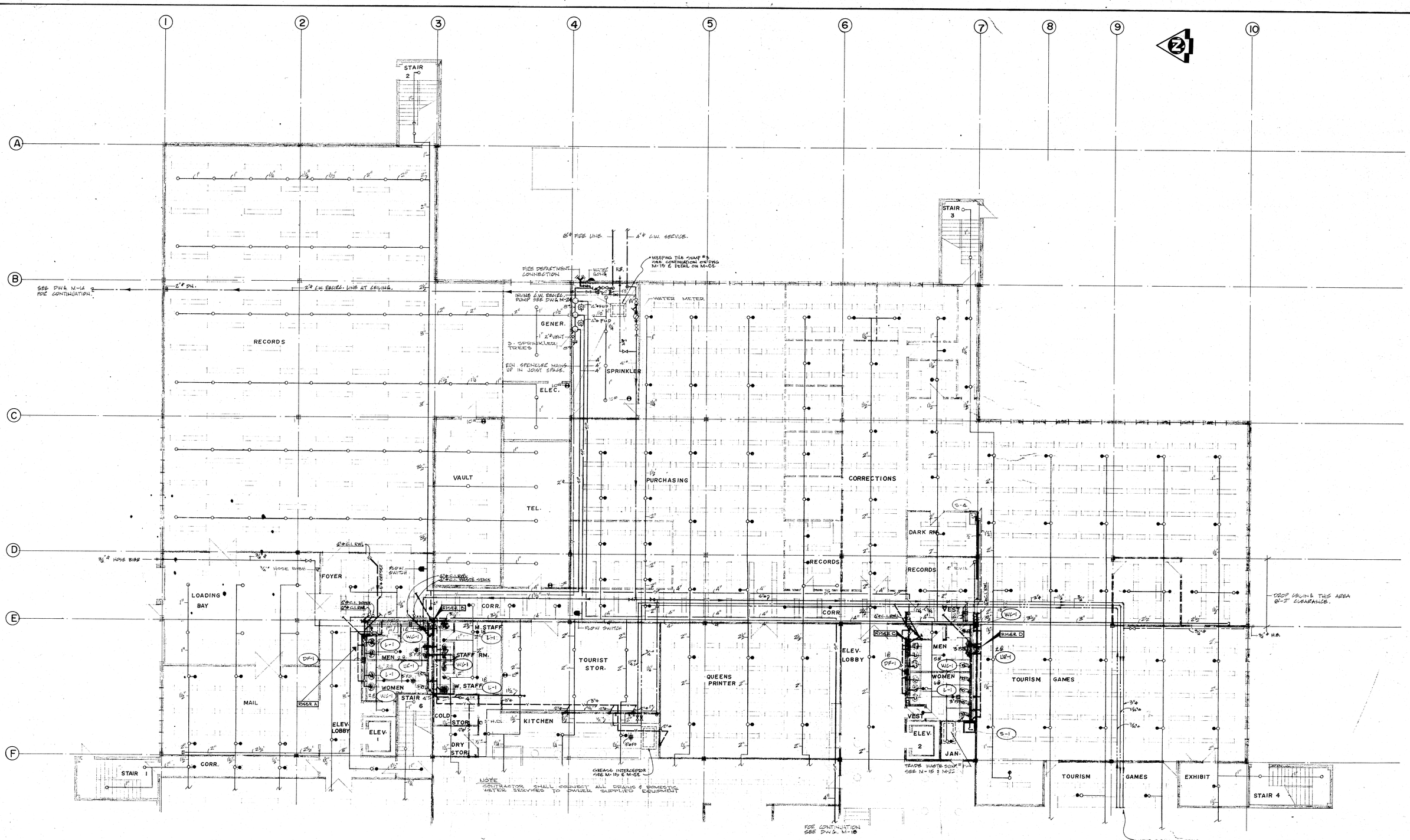
NOTES:
○ DESIGNATES UPRIGHT SPRINKLERS IN THE CEILING SPACE. (TYPICAL)
● DESIGNATES PENDANT TYPE SPRINKLERS ON FINISHED CEILING. (TYPICAL)

LEVEL ONE EAST · PLUMBING & SPRINKLERS

SCALE : 1/8" = 1'-0"

KEY PLAN

Public Works Canada / Travaux publics Canada, Pacific Region	
REVISIONS — NO. / DATE / DESCRIPTION	
PROJECT NO.	89857
DATE	APR. 74
SCALE	1/8"=1'-0"
DRAWN	B.J.S.
CHECK	
APPROVED	
GOVERNMENT OF THE YUKON TERRITORY	
DRAWING TITLE	LEVEL ONE EAST - PLUMBING SPRINKLERS
DRAWING NO.	M17
PROJECT TITLE	TERRITORIAL ADMINISTRATION P WHITEHORSE, Y.T



LEVEL ONE EAST · PLUMBING & SPRINKLERS

SCALE : 1/8" = 1'-0"

Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

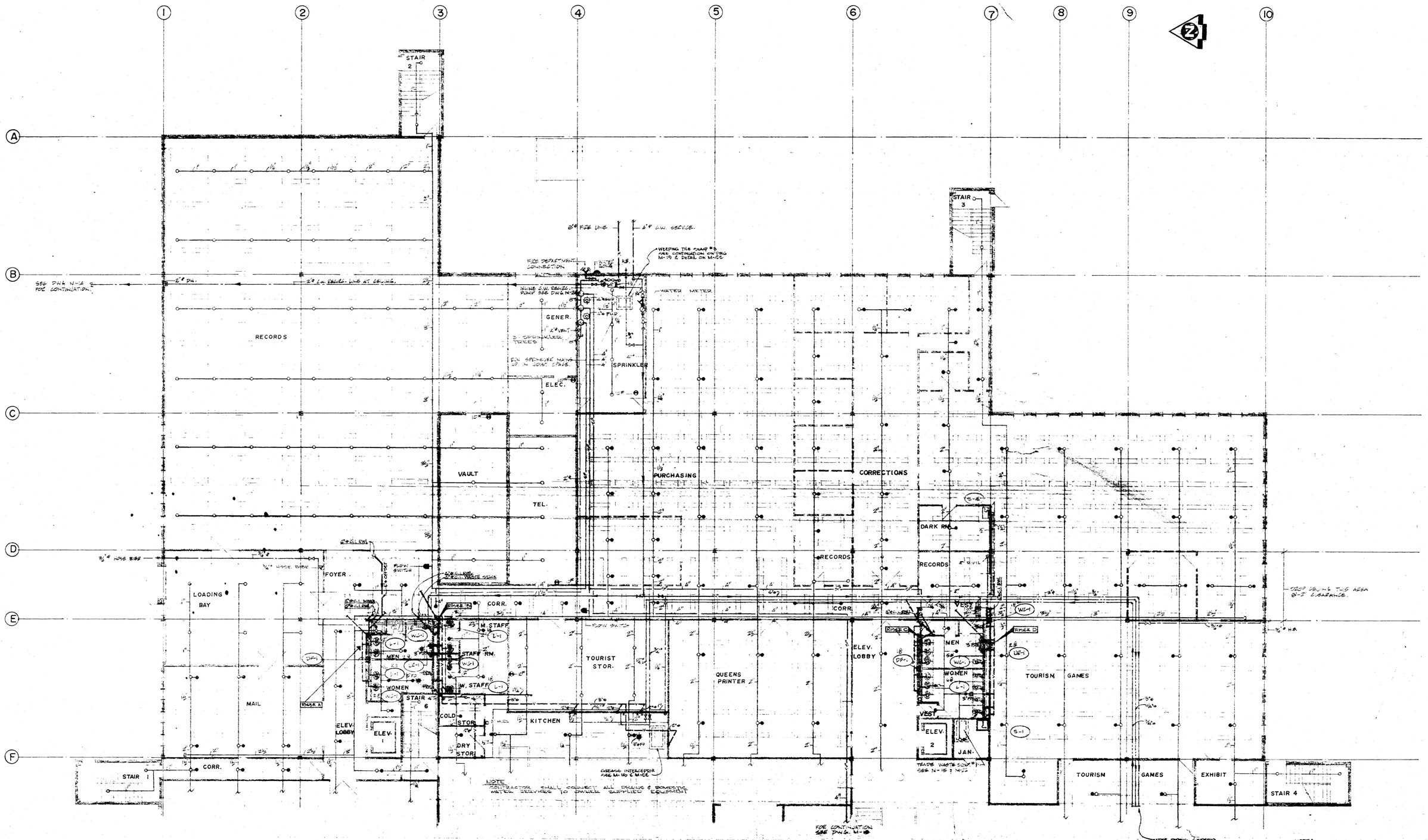
PROJECT NO.	89857
DATE	APR. 74
SCALE	1/8"=1'-0"
DRAWN	B.J.S.
CHECK	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE EAST - PLUMBING SPRINKLERS

DRAWING NO.

PROJECT TITLE
TERRITORIAL ADMINISTRATION P
WHITEHORSE, Y.T.



LEVEL ONE EAST · PLUMBING & SPRINKLERS

SCALE : 1/8" = 1'-0"

NOTE
CONTRACTOR SHALL CONNECT ALL DRAINS & DOMESTIC WATER SERVICES TO OWNER SUPPLIED EQUIPMENT

NOTES
O DESIGNATES UPRIGHT SPRINKLERS IN THE CEILING SPACE. (TYPICAL)
● DESIGNATES PENDANT TYPE SPRINKLERS ON KNOCKED CEILING. (TYPICAL).

N.B.
REFER TO RISER DIAGRAMS FOR PIPING HOOK-UP, PIPE SIZES & ARRANGEMENTS (SEE DWG M-15)

REVISIONS		
NO.	DATE	DESCRIPTION

Public Works Canada / Travaux publics Canada

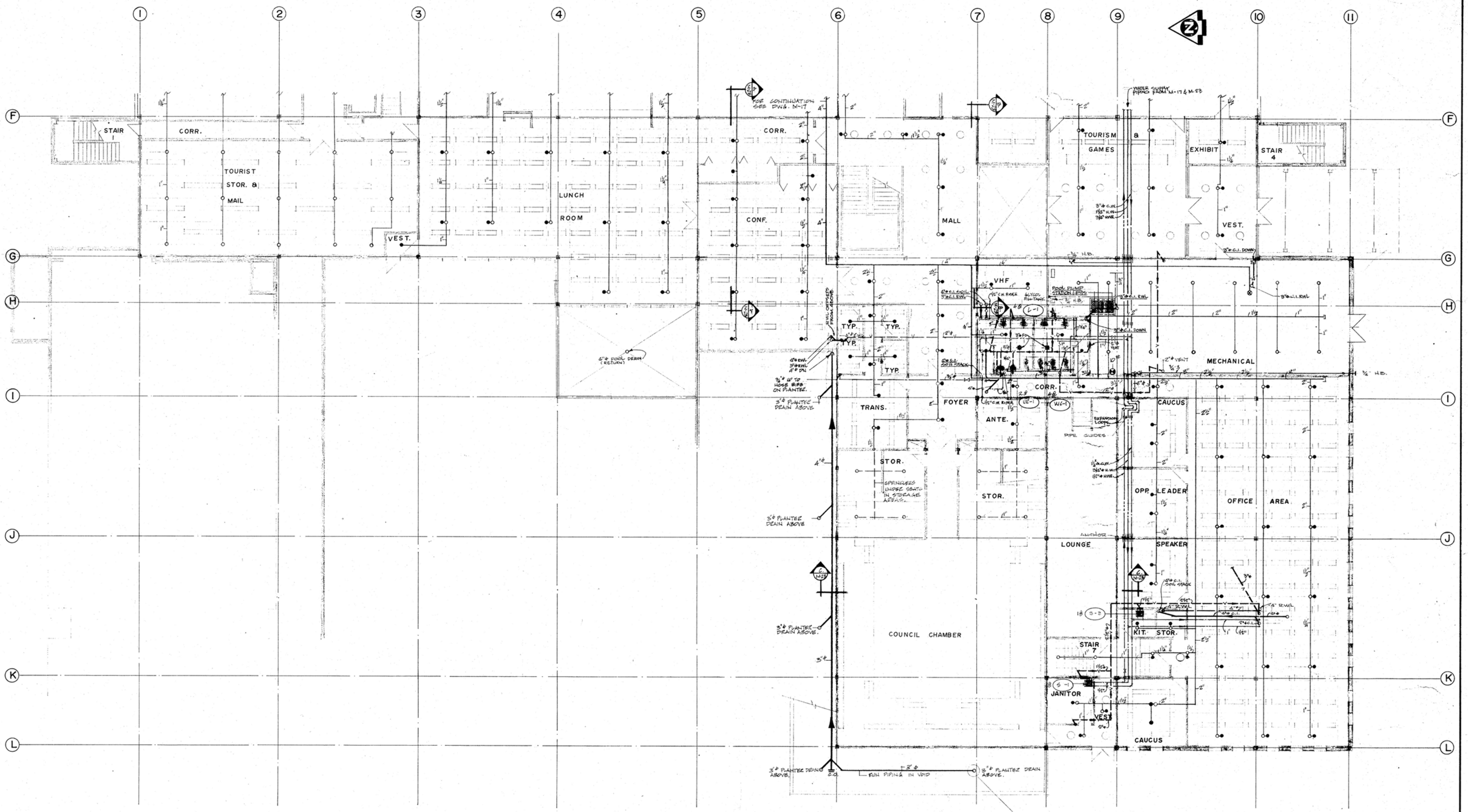
PROJECT NO. 89857
DATE APR. 74
SCALE 1/8"=1'-0"
DRAWN B.J.S.
CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE EAST - PLUMBING SPRINKLERS

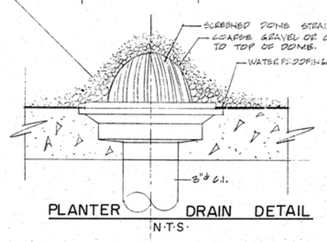
PROJECT TITLE
TERRITORIAL ADMINISTRATION P
WHITEHORSE, Y.T.

DRAWING NO.



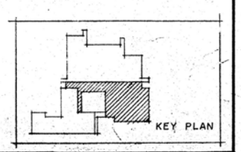
LEVEL ONE COUNCIL BLOCK · PLUMBING & SPRINKLERS
(WEST)

SCALE: 1/8" = 1-0"



PLANTER DRAIN DETAIL
N.T.S.

NOTES:
- ○ DESIGNATES UPRIGHT SPRINKLERS IN THE CEILING SPACE. (TYPICAL)
- ● DESIGNATES PENDANT TYPE SPRINKLERS ON FINISHED CEILING. (TYPICAL)



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

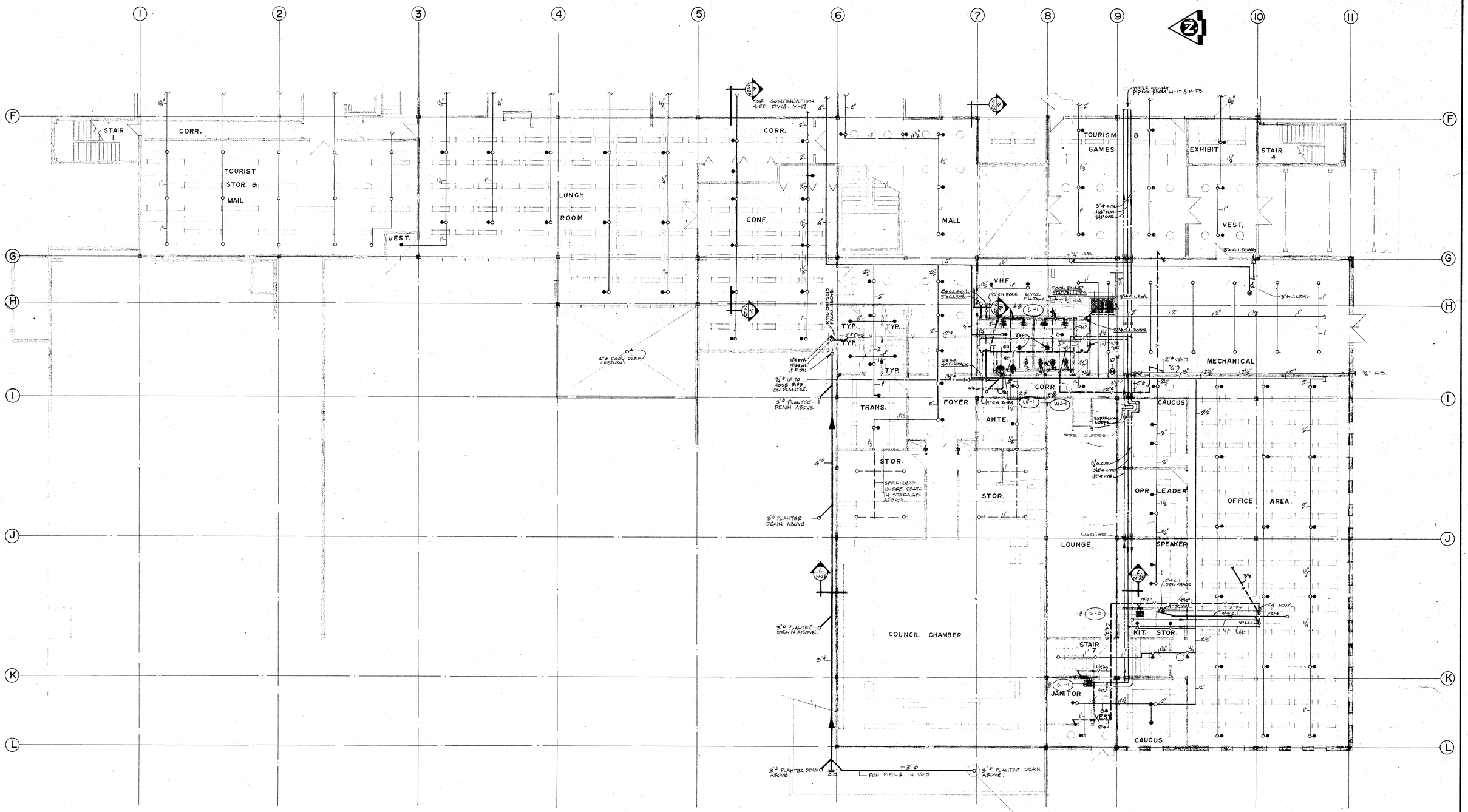
PROJECT NO. 89857
DATE APR. 74 | SCALE 1/8"=1-0"
DRAWN B.J.S. | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE WEST - PLUMBING AND SPRINKLERS

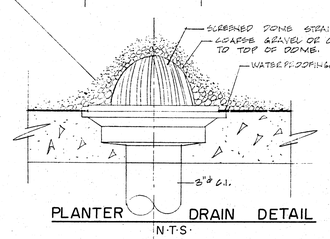
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 18



LEVEL ONE COUNCIL BLOCK · PLUMBING & SPRINKLERS (WEST)

SCALE: 1/8" = 1-0"

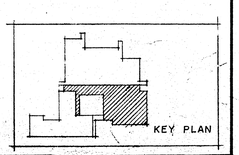


PLANTER DRAIN DETAIL

N.T.S.

NOTES:

- ○ DESIGNATES UPRIGHT SPRINKLERS IN THE CEILING SPACE. (TYPICAL)
- ● DESIGNATES PENDANT TYPE SPRINKLERS ON FINISHED CEILING. (TYPICAL)



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO. 89857	
DATE APR. 74	SCALE 1/8"= 1-0"
DRAWN B.J.S.	CHECK
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL ONE WEST - PLUMBING AND SPRINKLERS

PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

DRAWING NO. M 18

STAIR
CORR.
TOURIST
STOR. &
MAIL
VEST.
LUNCH
ROOM
CONF.
CORR.
SEE CONTINUATION DWG. M-7
MALL
TOURISM
&
GAMES
WATER SUPPLY FROM M-17 & M-23
EXHIBIT
STAIR
4
VEST.
2" ø COND. DRAIN (RETURN)
VHF
TYP.
TYP.
TYP.
TYP.
EVAP. OFFSET FROM ABOVE
MECHANICAL
¾" H.D.
¾" ø H.D. HOSE BIBB ON PLANTER.
3'-0" PLANTER DRAIN ABOVE
TRANS.
FOYER
ANTE.
CORR.
CAUCUS
STOR.
STOR.
OPR. LEADER
OFFICE
AREA
3'-0" PLANTER DRAIN ABOVE
LOUNGE
SPEAKER
COUNCIL CHAMBER
KIT. STOR.
STAIR
7
JANITOR
VEST.
CAUCUS
3'-0" PLANTER DRAIN ABOVE
3'-0" PLANTER DRAIN ABOVE
T & G
FILL PIPING IN VOID

LEVEL ONE COUNCIL BLOCK · PLUMBING & SPRINKLERS (WEST)

SCALE: 1/8" = 1'-0"

SCREENED DOME STRAINER, LOOSE GRAVEL OR CRUSHED STONE TO TOP OF DOME.
WATER PROOFING.
5" ø CI.

PLANTER DRAIN DETAIL
N.T.S.

NOTES:
- ○ DESIGNATES UPRIGHT SPRINKLERS IN THE ATTIC SPACE. (TYPICAL)
- ● DESIGNATES PENDANT TYPE SPRINKLERS ON FINISHED CEILING. (TYPICAL)

KEY PLAN

Public Works Canada / Travaux publics Canada
Pacific Region

NO.	DATE	REVISIONS DESCRIPTION

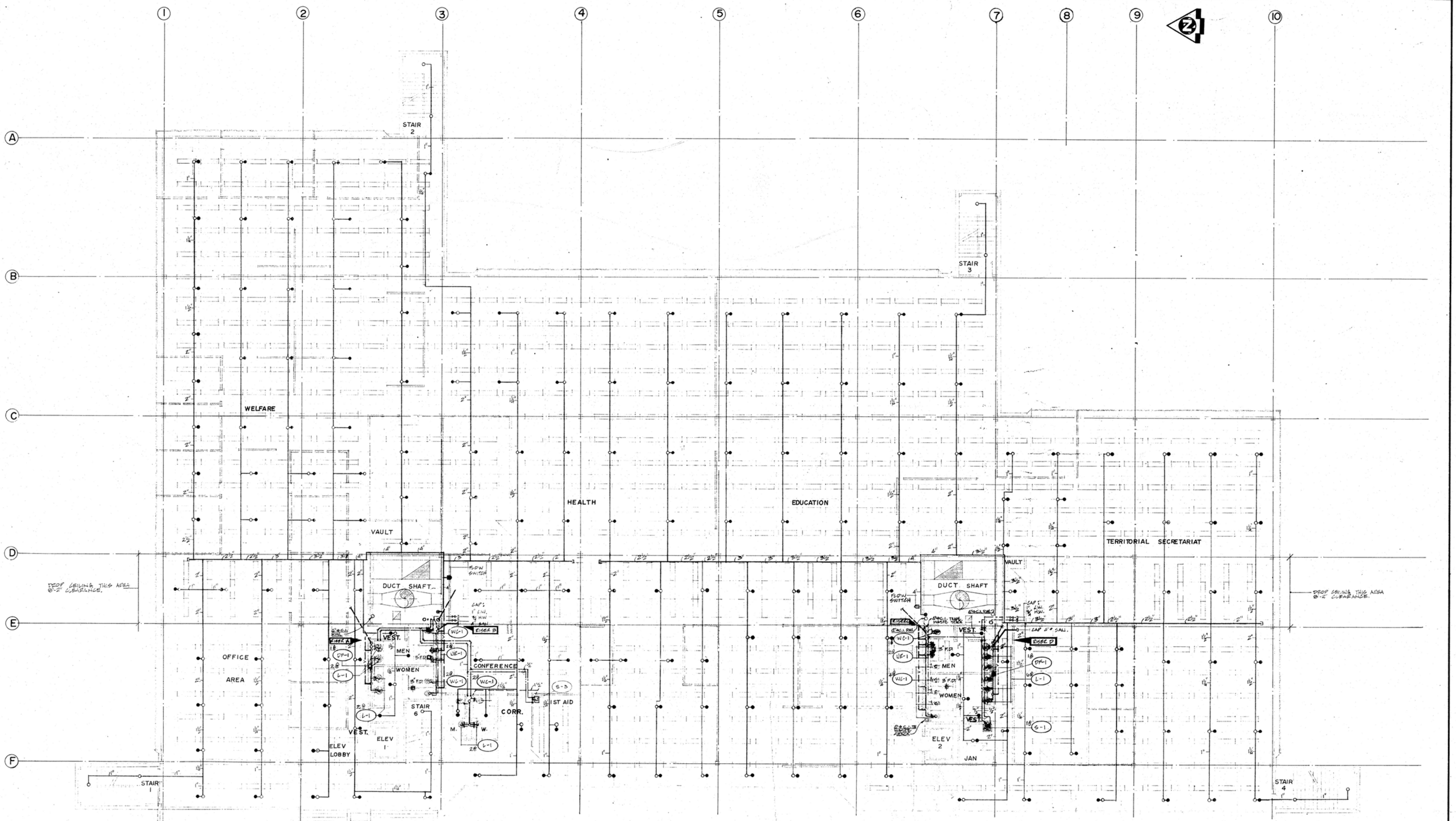
PROJECT NO. 89857
DATE APR. 74 | SCALE 1/8" = 1'-0"
DRAWN B.J.S. | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL ONE WEST - PLUMBING AND SPRINKLERS

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

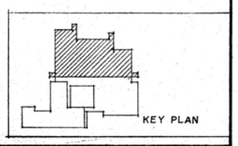
DRAWING NO.
M-18



LEVEL TWO EAST · PLUMBING & SPRINKLER

SCALE: 1/8" = 1'-0"

NOTES:
- ○ DESIGNATES UPRIGHT SPRINKLERS IN THE CEILING SPACE. (TYPICAL.)
- ● DESIGNATES PENDANT TYPE SPRINKLERS ON FINISHED CEILING. (TYPICAL.)



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
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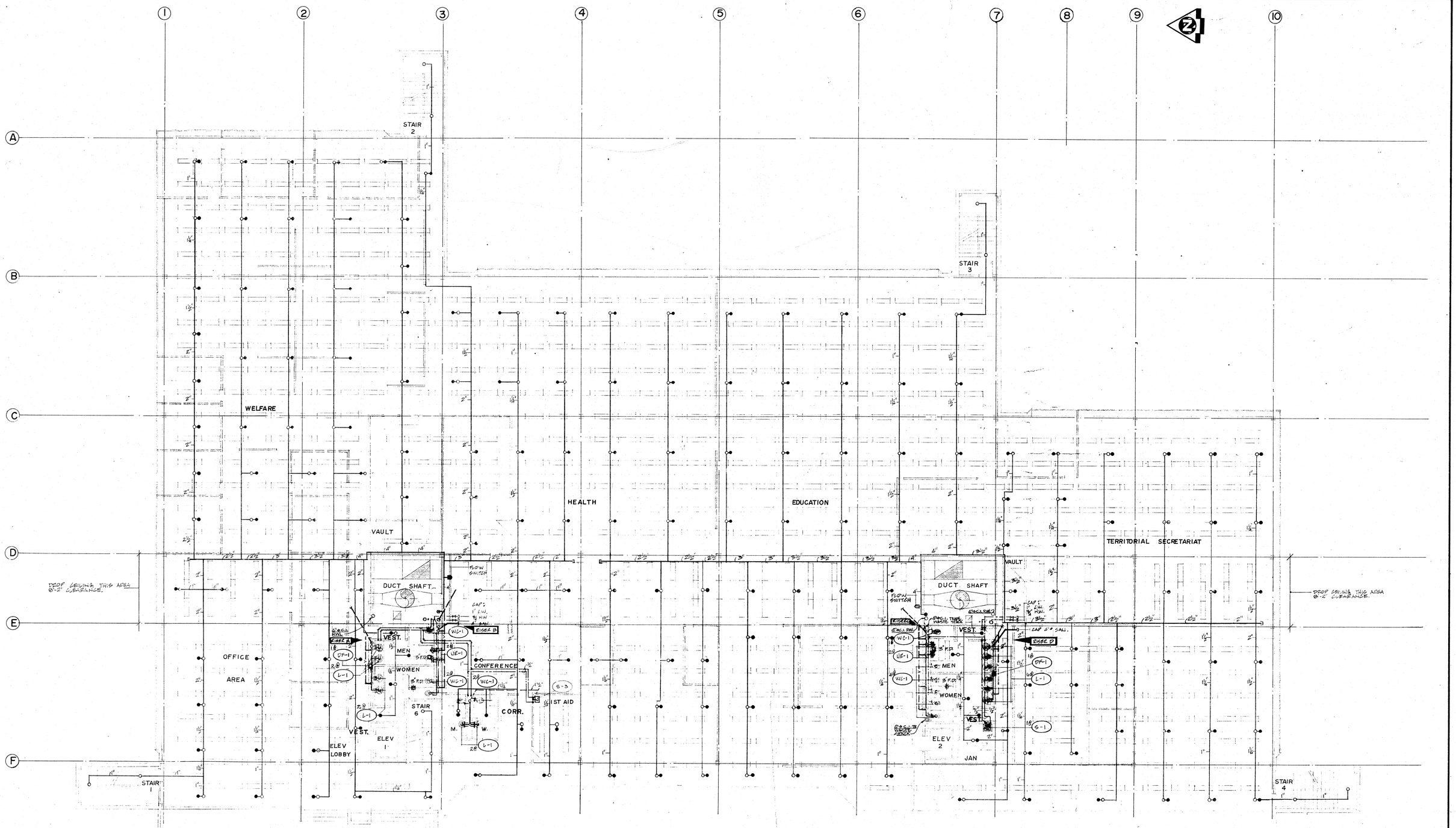
PROJECT NO.	89857
DATE	APR. 74
SCALE	1/8"=1'-0"
DRAWN	B.J.S.
CHECK	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO EAST - PLUMBING & SPRINKLERS

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

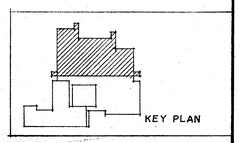
DRAWING NO.
M 19



LEVEL TWO EAST · PLUMBING & SPRINKLER

SCALE : 1/8"= 1'- 0"

NOTES:
- ○ DESIGNATES UPRIGHT SPRINKLERS IN THE CEILING SPACE. (TYPICAL.)
- ● DESIGNATES PENDANT TYPE SPRINKLERS ON FINISHED CEILING. (TYPICAL.)



Public Works Canada / Travaux publics Canada
Pacific Region

REVISIONS		
NO.	DATE	DESCRIPTION

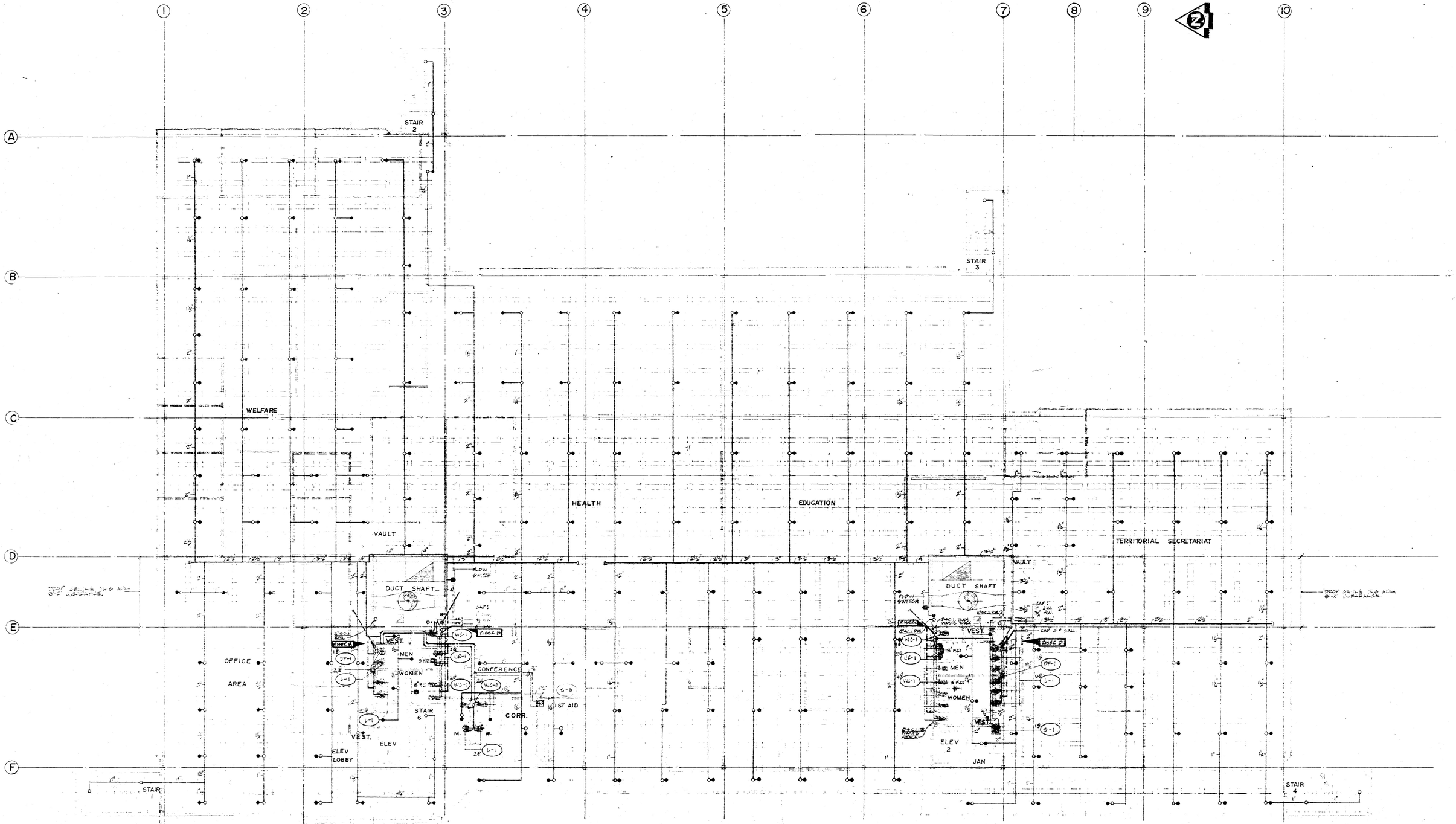
PROJECT NO.	89857
DATE	APR. 74
SCALE	1/8"= 1'-0"
DRAWN	B. J. S.
CHECK	
APPROVED	

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO EAST - PLUMBING & SPRINKLERS

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

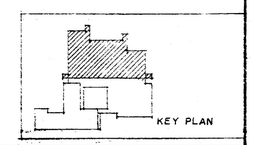
DRAWING NO.
M 19



LEVEL TWO EAST · PLUMBING & SPRINKLER

SCALE : 1/8" = 1'-0"

NOTES:
O DESIGNATES UPRIGHT SPRINKLERS IN THE CEILING SPACE. (TYPICAL.)
● DESIGNATES PENDANT TYPE SPRINKLERS ON FINISHED CEILING. (TYPICAL.)



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GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL TWO EAST - PLUMBING & SPRINKLERS

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
M 19