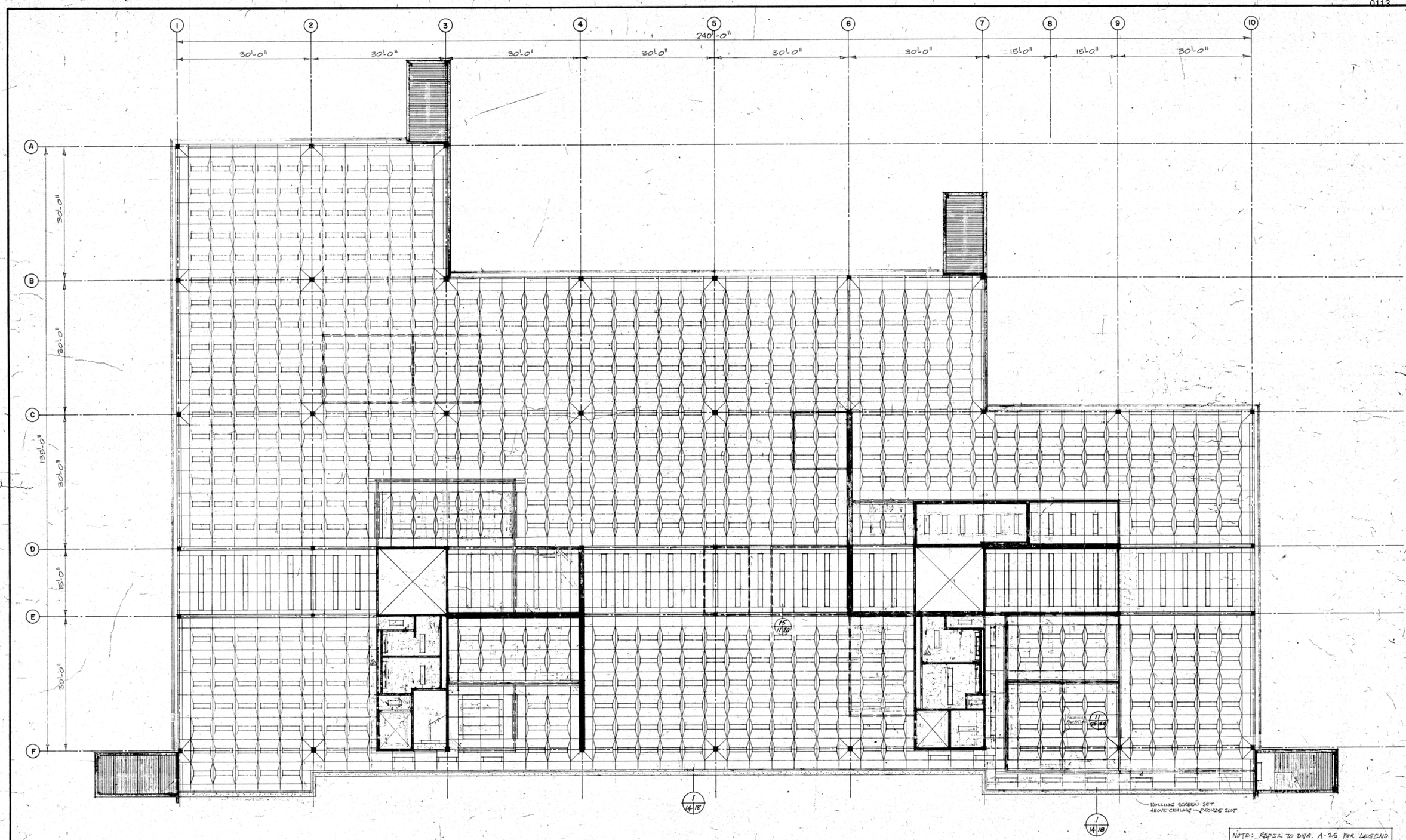
0113




Public Works Canada / Travaux publics Canada
Pacific Region

| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| A | SEPT/82 | SHADED AREAS (RIGID INSULATION) ABOVE CEILING DELETED |
| B | 82/10/26 | Revised to 'As Built' |

PROJECT NO.

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE

REFLECTED CEILING PLAN LEVEL 3 EAST

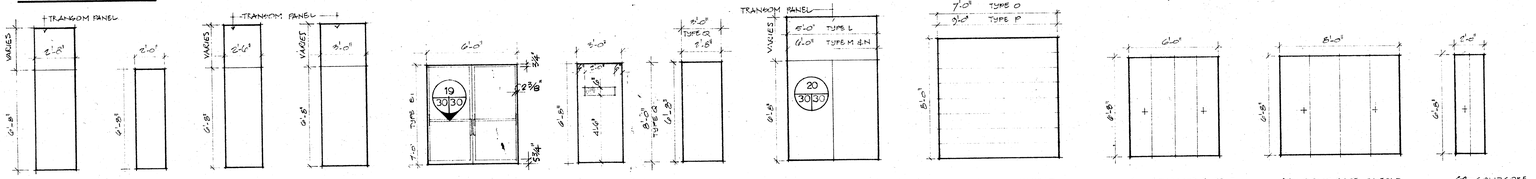
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.

A 29

A

## DOOR SCHEDULE




A
A1 - LOCKSET
A2 - SELF CLOSING
A3 - SAME AS A2 + FULL PUSH-E KICKPLATES
A4 - SAME AS A3 + LOCKSET
G - METAL CLADDING *
G1 - " " LOCKSET *
GE - SAME AS G1 NO TRANSOM PANEL
R - VAULT DOOR SEE SPEC'N. NO TRANSOM PANEL

B - LOCKSET

C - LOCKSET

D - SAME AS A
D1 - " " A1
D2 - " " A2
D3 - " " A3
D4 - " " A4
DS - SAME AS A NO TRANSOM PANEL
H - SAME AS G SELF CLOSING NO TRANSOM PANEL
J - CEDAR SIDING OUTSIDE (TO MATCH WALL) LOCKSET NO TRANSOM
K - INSULATED (ASBESTOS) NO TRANSOM PANEL

E1 - SINGLE GLAZED TEMP GLASS, SELF CLOSING ALUM. AS SPECIFIED

F - GEORGIAN WIRE GLASS WINDOW LATCH SET KICKPLATES SELF CLOSING

I - LOCKSET
Q - LOCKSET

L - SINGLE SWING (CLOSER, LOCK)
M - DOUBLE SWING LOWER HALF METAL CLAD SELF CLOSING
N - SINGLE SWING LOCKSET
N1 - SAME AS N NO TRANSOM PANEL
N2 - SAME AS N1 SELF CLOSING FIRE RATED 1½ HR
L1 - SAME AS L, NO CLOSER

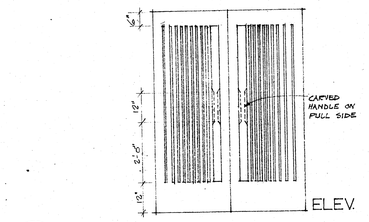
O - SECTIONAL OVERHEAD INSULATED - ALUMINUM
P - SAME AS O

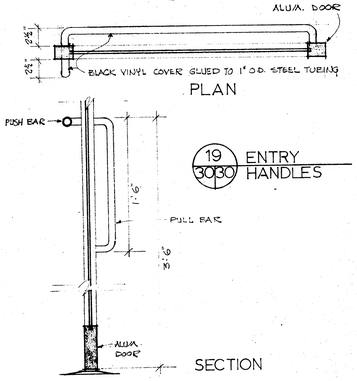
S - SOLID CORE BI-FOLD

S1 - SOLID CORE BI-FOLD

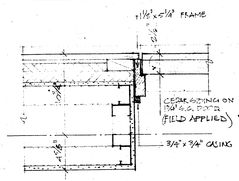
S2 - SOLID CORE BI-FOLD

NOTE
ALL DOORS & TRANSOM PANELS TO BE WOOD SOLID CORE ASH VENEERED EXCEPT AS NOTED.
SEE SPECIFICATIONS FOR FINISH & HARDWARE
* METAL CLADDING ON EXTERIOR WOOD DOORS TO BE BRONZE ANODIZED ALUMINUM TO MATCH BLDG. CLADDING (ON EXTERIOR FACE ONLY)

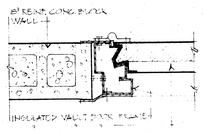



## DOOR JAMB DETAILS

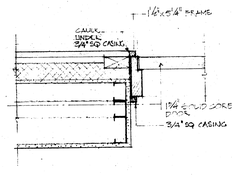



1 30 MALL TO COURT

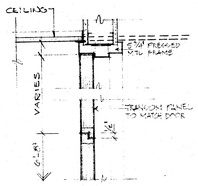



NOTE
EXTERIOR FACE OF VAULT WALLS ON LEVEL 2 TO BE FINISHED WITH ½" GYPSUM BOARD

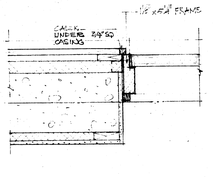
10 30 TYP. AT VAULT



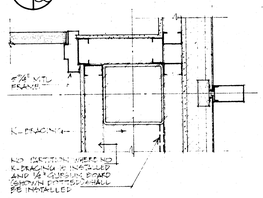

2 30 TYP. AT LEVEL 1



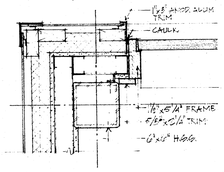

11 30 DOOR HEAD WITH TRANSOM PANEL



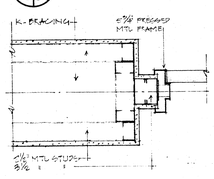

3 30 LEVEL 1 AT CONC. WALLS



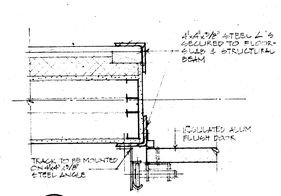

12 30 TYP. INT. DOOR AT STAIRS 1 2 3 & 4



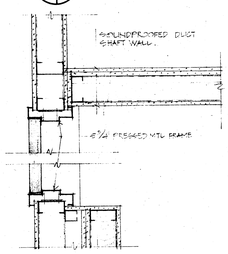

4 30 TYP. AT STAIR EXITS



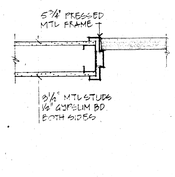

13 30 TYP. AT K-BRACING



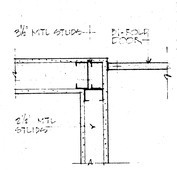

5 30 OVERHEAD DOOR



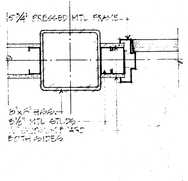

14 30 TYP. AT DUCT SHAFT



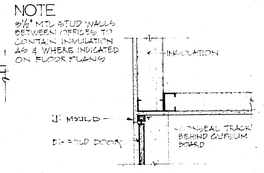

6 30 TYP. AT 3 1/8" STUDS



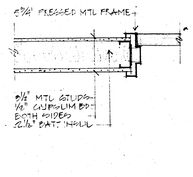

15 30 BI-FOLD DOOR JAMB



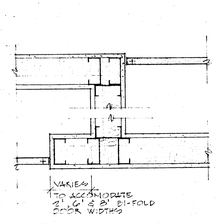

7 30 TYP. AT COLUMN



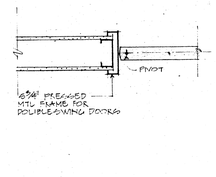

16 30 HEAD DETAIL

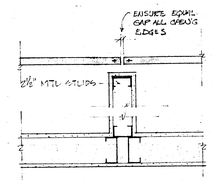



8 30 TYP. AT SOUNDPROOF PARTITION




17 30 TYP. JAMBS




9 30 TYP. AT DOUBLE SWING DOORS

18 30 TYP. JAMB

CHANGE ORDER 27
SUPPLY AND INSTALLATION OF ADDITIONAL STEEL STUDS AT ALL DOOR FRAME

Public Works Canada / Travaux publics Canada
Pacific Region

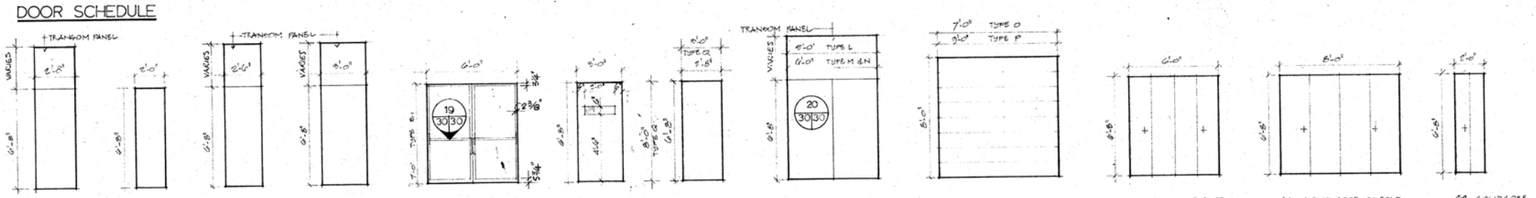
| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| A | 1977/1986 | Revised to 'As Builts' |

PROJECT NO. 8085T
DATE: APRIL 1974
SCALE: 1/8" F.H.
DRAWN: K.H.R.
CHECK:
APPROVED:

**GOVERNMENT OF THE YUKON TERRITORY**

DRAWING TITLE: DOOR SCHEDULE AND DETAILS
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.
DRAWING NO. A 30

## DOOR SCHEDULE




A
A1 - LOCKSET
A6 - SELF CLOSING
A9 - SAME AS A6 + FULL PUSH + KICKPLATES
A4 - SAME AS A9 + LOCKSET
G - METAL CLADDING *
G1 - " LOCKSET *
G6 - SAME AS G1 NO TRANSOM PANEL
K - VAULT DOOR (SEE SPEC'S) NO TRANSOM PANEL

B - LOCKSET

C - LOCKSET

D - SAME AS A
D1 - " " A1
D6 - " " A6
D9 - " " A9
D4 - " " A4
D6 - SAME AS A NO TRANSOM PANEL
H - SAME AS G SELF CLOSING NO TRANSOM PANEL
J - CEDAR SIDING OUTSIDE (TO MATCH WALL) LOCKSET NO TRANSOM
K - INSULATED (SEE SPEC'S) NO TRANSOM PANEL

E1 - SINGLE GLAZED TEMP GLASS, SELF CLOSING ALUM. AS SPECIFIED

F - GEORGIAN WIRE GLASS WINDOW LATCH SET KICKPLATES SELF CLOSING

I - LOCKSET
Q - LOCKSET

L - SINGLE SWING (CLOSER, LOCK)
M - DOUBLE SWING LOWER HALF METAL CLAD SELF CLOSING
N - SINGLE SWING LOCKSET
N1 - SAME AS N NO TRANSOM PANEL
N2 - SAME AS N1 SELF CLOSING FIRE RATED 1½ HR
L1 - SAME AS L, NO CLOSER

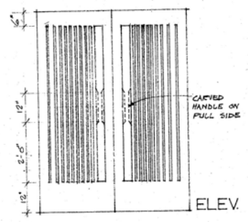
O - SECTIONAL OVERHEAD INSULATED - ALUMINUM
P - SAME AS O

S - SOLID CORE BI-FOLD

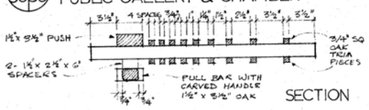
S1 - SOLID CORE BI-FOLD

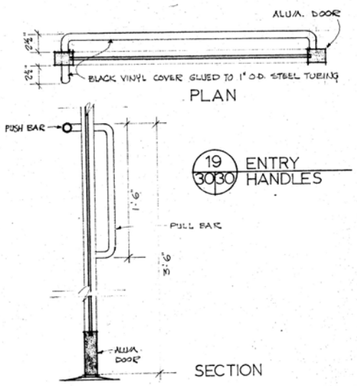
S2 - SOLID CORE BI-FOLD

NOTE
ALL DOORS & TRANSOM PANELS TO BE WOOD SOLID CORE ASH VENEERED EXCEPT AS NOTED.
SEE SPECIFICATIONS FOR FINISH & HARDWARE
* METAL CLADDING ON EXTERIOR WOOD DOORS TO BE BRONZE ANODIZED ALUMINUM TO MATCH BLDG. CLADDING (ON EXTERIOR FACE ONLY)



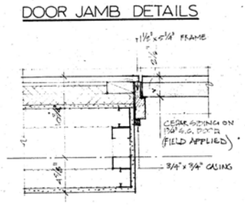

20 / 30|30 4 TYPE L DOORS TO PUBLIC GALLERY & CHAMBER



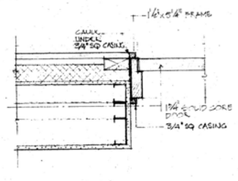




19 / 30|30 ENTRY HANDLES

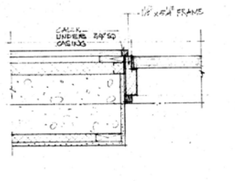
## DOOR JAMB DETAILS



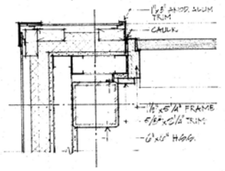

1 / 30 MALL TO COURT



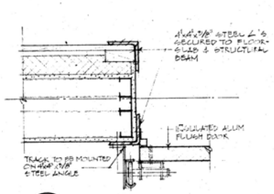

2 / 30 TYP. AT LEVEL 1



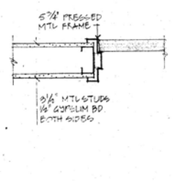

3 / 30 LEVEL 1 AT CONC. WALLS



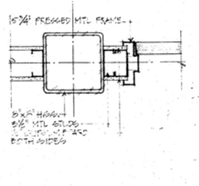

4 / 30 TYP. AT STAIR EXITS



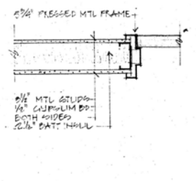

5 / 30 OVERHEAD DOOR



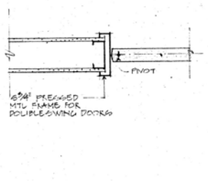

6 / 30 TYP. AT 3 1/2" STUDS



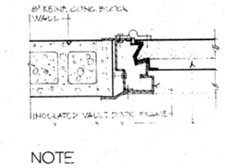

7 / 30 TYP. AT COLUMN




8 / 30 TYP. AT SOUNDPROOF PARTITION

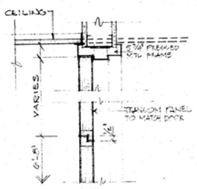



9 / 30 TYP. AT DOUBLE SWING DOORS

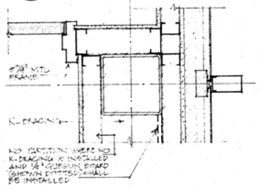



NOTE
EXTERIOR FACE OF VAULT WALLS ON LEVEL 2 TO BE FINISHED WITH ½" GYPSUM BOARD

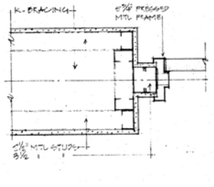
10 / 30 TYP. AT VAULT



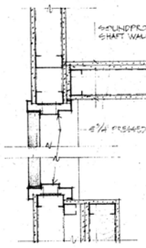

11 / 30 DOOR HEAD WITH TRANSOM PANEL



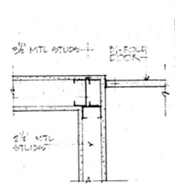

12 / 30 TYP. INT. DOOR AT STAIRS 1 2 3 & 4



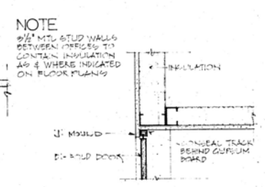

13 / 30 TYP. AT K-BRACING



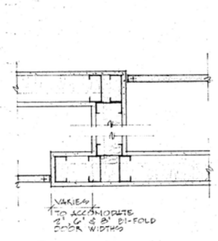

14 / 30 TYP. AT DUCT SHAFT



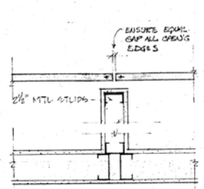

15 / 30 BI-FOLD DOOR JAMB




16 / 30 HEAD DETAIL




17 / 30 TYP. JAMBS




18 / 30 TYP. JAMB

CHANGE ORDER #7
SUPPLY AND INSTALLATION OF ADDITIONAL STEEL STUDS AT ALL DOOR FRAME

Public Works Canada / Travaux publics Canada
Pacific Region

| REVISIONS NO. | DATE | DESCRIPTION |
|---|---|---|
| A | 07/1986 | Revised to 'As Builts' |

PROJECT NO. 8087
DATE: APRIL 1974
SCALE: 1/8" F.P.
DRAWN: K.H.R.
CHECK:
APPROVED:

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: DOOR SCHEDULE AND DETAILS
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

DRAWING NO. A 30

VAV13OX NC 207 MODEL NC 6HSVV MIN 158 CFM'S MAX 630 SET UP SPRING ASSEMBLY HIGHER THIS 13OX HAS SINGLE ZONE & NEW STATION SUPPLIED ON THIS SYSTEM CHECKED 13LADDER FOR DAMAGE OKAY

SOLAR PANEL VALVE MODEL V-3800 SPRING RANGE 3TO 6 1BS P.S.I. SUPPIED NEW PIPING & CONNECTIONS T. STATION NO. 208

SOLAR PANEL VALVE MODEL-V 3800 SPRING RANGE 3 TO 6 1BS P.S.I. EXSISTING STATION TO REMAIN NEW SUPPLY PIPING INSTALLED

SOLAR PANEL VALVE MODEL V-3800 CONNECTED NEW SUPPLY AIR LINE

VAV13OX NC 209 6HSVV MODEL MIN CFM'S 15- MAX 63C SET UP SPRING ASSEMBLY SUPPLY NEW STAT & SUPPLY AIR LINE. FIXED LEAKS IN OUTPUT SYSTEM OF AIR LINES. VAV SPRING RANGE 10-TO 15 1BS PRESSURE.

SOLAR PANEL VALVE MODEL-V-38CC SPRING RANGE 3 TC 6 1BS P.S.I. VAV & SOLAR PANEL CONNECTED TCGETHER.

VAV13OX NC 214 MODEL 6HSVV MIN CFM'S 158 MAX 630 SET UP SPRING ASSEMBLY HIGHER. THIS IS HEATING & COOLING ZONE SUPPLY NEW STATION & SUPPLY AIR LINE. CHECK FOR LEAKS.

SOLAR PANEL VALVE MODEL V-38CC SPRING RANGE 3 TC 6 1BS P.S.I. VAV & SOLAR PANEL CONNECTED TOGETHER.

VAV13OX NC 215 MODEL 8HSVV MIN CFM'S 132 MAX 536 SET UP SPRING ASSEMBLY HIGHER. THIS IS HEATING & COOLING ZONE. CONNECTED NEW AIR SUPPLY LINE.

SOLAR PANEL VALVE MODEL V-38CC VAV & SOLAR PANEL CONNECTED TOGETHER.

VAV13OX N 2[illegible] MODEL 6HSVV MIN CFM'S 132 MAX 536 THIS SYSTEM HAS HEATING & COOLING ZONE CONNECTED TOGETHER WITH DIRECT ACTING STATION NEW SET UP SPRING ASSEMBLY, CHECK 1BLADDER & REGULATOR.

SOLAR PANAL [illegible] VALVE MODEL V-38CC CONNECTED NEW SUPPLY AIR LINE. SUPPLY NEW AIR LINES.

VAV13OX NC 213 MODEL 6HSVV MIN 158 MAX 630 THIS SYSTEM IS COOLING ZONE ONLY PROVIDE NEW STATION AS PER CONTRACT & RELOCATE TC NEW LOCATION. SET SPRING ASSEMBLY, CHECK 1BLADDER & REGULATOR.

SOLAR PANEL VALVE MODEL V-38CC SPRING RANGE 3 TO 6 1BS P.S.I. SERVICE ALONE GRID LINE 7 RELOCATE STATION, SUPPLY NEW AIR LINES.

VAV13OX NC 219 MODEL 6HSVV MIN 158 CFM'S MAX 631 THIS SYSTEM HAS HEATING & COOLING ZONE, CONNECTED TCGETHER WITH DIRECT ACTING STATION NEW SET UP SPRING ASSEMBLY, CHECK 1BLADDER & REGULATOR.

SOLAR PANEL VALVE MODEL V-38CC CONNECTED WITH VAV NC 213 SPRING ASSEMBLY SET, RUN NEW AIR SUPPLY LINE.

SOLAR PANEL VALVE MODEL V-38CC CONNECTED WITH DIRECT ACTING STATION, HEATING ZCNE CNLY. SUPPLY AIR LINE NEW 1BELOW GRID LINE 8

VAV13OX NC 218 MODEL 8HSVV MIN CFM'S 137 MAX 546 THIS SYSTEM IS COOLING ZONE ONLY SET UP SPRING ASSEMBLY, CHECK 1BLADDER & REGULATOR. SUPPLY NEW STATION

SOLAR PANEL VALVE MODEL V-38CC CONNECTED WITH DIRECT ACTING STATION HEATING ZONE ONLY NEW SUPPLY AIR LINE NEEDED

VAV13OX NC 224 MODEL 6HSVV MIN 73 CFM'S MAX 316 THIS SYSTEM HAS HEATING & COOLING ZCNE CONNECTED TCGETHER WITH DIRECT ACTING STATION NEW, SET UP SPRING ASSEMBLY, CHECK 1BLADDER & REGULATOR

SOLAR PANEL VALVE MODEL V-3800 CONNECTED WITH DIRECT ACTING STATION HEATING ZONE ONLY-LOCATION BETWEEN GRID LINE 9 & 10 SUPPLY AIR LINE NEW.

VAV13OX NC 225 MODEL 7HSVV MIN 103 CFM'S MAX 411. THIS SYSTEM HAS HEATING & COOLING ZONE CONNECTED TCGETHER WITH DIRECT ACTING STATION NEW, SET UP SPRING ASSEMBLY CHECK 1BLADDER & REGULATOR

SOLAR PANEL VALVE MODEL V-3800 CONNECTED WITH DIRECT ACTING STATION HEATING & COOLING ZONE SUPPLY NEW AIR LINE.

VAV13OX NC 222 6HSVV MIN CFM'S 151 MAX 604 THIS SYSTEM HAS HEATING & COOLING ZONE CONNECTED WITH DIRECT ACTING STATION NEW, SET UP SPRING ASSEMBLY CHECK 1BLADDER & REGULATOR

SOLAR PANEL VALVE MODEL V-38CC CONNECTED WITH DIRECT ACTING STATION NEW HEATING & COOLING ZONE, SUPPLY NEW AIR LINE.

VAV13OX NO 223 MODEL 6HSVV MIN CFM'S 79 MAX 316 THIS SYSTEM HAS COOLING ZONE ONLY. CONNECTED WITH DIRECT ACTING STATION NEW SET SPRING ASSEMBLY RELOCATE STATION & SUPPLY NEW STAT.

SOLAR PANEL VALVE MODEL V-3800 CONNECTED WITH DIRECT ACTING STATION. THIS ZONE WAS CONNECTED 13OTH SUPPLY AND OUTPUT LINES. CALIBRATE STATION. ONLY.

VAV13OX NC 220 MODEL NC 8HSVV MIN CFM'S 176 MAX 705 TH IS SYSTEM HAS HEATING & COOLING ZCNE CONNECTED TCGETHER WITH DIRECT ACTION STATION. NC WORK COMPLETED CN THIS ZONE, CALIBRATE ONLY

SOLAR PANEL VALVE MODEL V-38CC CONNECTED WITH DIRECT ACTING STATION THIS ZCNE WAS CONNECTED 13OTH SUPPLY & OUTPUT LINES - CALIBRATE STATION ONLY.

SOLAR PANAL CONTINUED NOT IN WORKING ORDER NO COOLING VAV 13OXES CONNECTED TOGETHER WITH DIRECT ACTING STATIONS NC SUPPLY AIR LINE

VAV13OX NC 208 6HSVV MIN 158 MAX 630 THIS SYSTEM HAS HEATING & COOLING ZCNE CONNECTED TCGETHER, WITH DIRECT ACTING STATION, NEW

VAV 13OX 206 6HSVV MIN 158 MAX 632 SETUP SPRING ASSEMBLY CHECK 13LADDER & REGULATCR. SUPPIED NEW STATION FCR NEW SINGLE ZONE

VAV13OX NC 204 MIN 158 MAX 632 6HSVV SET UP SPRING ASSEMBLY PRCVIDE NEW STAT. AND SINGLE ZONE FOR VAV 204 SYSTEM

VAV 13OX NC. 203 MIN 79 CFM'S MAX 315 MODEL 6 HSVV 13LADDER DAMAGE IN REGULATOR SUPPIED NEW COOLING ZONE STATION.

VAV13OX NO. 202 MIN 30C FMS MAX 120 4HSVV FLEX ON HIGH PRESSURE SIDE. 3.5.P 8' FEET LONG REGULATOR WORKING SUPPIED NEW DIRECT COOLING ZONE STATION

VAV 13OX NO. 201 MIN 184 MAX 737 SHOULD REPLACE HIGH PRESSURE FLEX P.D. - 75 TROFFERS SHOULD 13E REPLACED 3' LONG. THIS 13OX LOW ON CFM'S 718.

VAV13OX NC 205 8HSVV MIN CFM'S 158 MAX 630 SET UP SPRING ASSEMBLY HIGHER SUPPLY NEW STATION CHECKED FOR OUTPUT LEAKS CHECK 1BLADDER FOR DAMAGE OKAY

VAV13OX NC 210 MODEL 8HSVV MIM CFM'S 158 MAX 630 SET UP SPRING ASSEMBLY HIGHER N C'S ARE TC HIGH P.D 75 3' LONG TROFFERS SUPPLY NEW HOSE TO LEAKING VAV13OX

- ACTUAL CFM'S FOR VENTILATION & COOLING LOAD
- LENGTH OF TROFFER DIFFUSER P.D. - 75 MODEL

## LEVEL TWO EAST

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

VAV13OX NC 216 6HSVV MODEL MIN CFM'S 54 MAX 216 THIS IS A COOLING ZONE CNLY, CONNECTEL WITH DIRECT ACTING STATION SET UP SPRING ASSEMBLY, CHECK FCR LEAKS & PROVIDE NEW STATION.

VAV13OX NC. 217 6HSVV MIN CFM'S 81 MAX 324 THIS IS A COOLING ZONE ONLY CONNECTED WITH DIRECT ACTING STATION SETUP SPRING ASSEMBLY CHECK FCR LEAKS, PRCVIDE NEW STATION

VAV13OX NC. 212 MODEL 8HSVV MIN CFM'S 158 MAX 630 SET UP SPRING ASSEMBLY CHECK 13LADDER & REGULATOR, SUPPIED NEW STATION CHECKED OUTPUT AIR LINES FCR LEAKS

VAV13OX NC 211 MODEL 7HSVV MIM CFM'S 117 MAX 468 SET UP SPRING ASSEMBLY SUPPLY NEW STATION & FIX LEAKS IN OUTPUT SYSTEM P.D 75 3' LONG TROFFERS SHOULD 13E REPLACED, PRESSURE DRCP TC HIGH & N C'S.

VAV13OX NC 221 MODEL 6HSVV MIN CFM'S 73 MAX 371 THIS SYSTEM HAS COOLING ZONE CNLY, CONNECTED WITH DIRECT ACTING STATION NEW, SPRING ASSEMBLY SET UP PROVIDE NEW STATION

NOTES:

ALL C FM READING PROVIDED AT 1.5 STATIC PRESSURE AND 1.4 S.P. ALL P D 75 TROFFERS 3'LONG. SHOULD 13E REP-ACED, IN/C TO HIGH AND FLEX HAS TOMUCH PPESSURE DROP.

All HIGH PRESSURE 13OX INLETS WITH LOW STATIC PRESSURE SHCULD 13E REPLACED WITH SCLID SPIRAL PIPE.

All AIR STATIONS CALAIBRATED FCR PROPER SPRING RANGE P.S.I.

CALIBRATED ALL STATIONS HEATING & CCCLING ZCNES WITH 13LADDER IN OPEN POSITICN

VAV 13OX NC 1,2,3,4,5,6 MODEL 10 HSVV MIN CFM'S 240 MAX 960 KITCHEN AREA, PROVIDED TWO NEW STATIONS AND SET UP SPRING ASSEMBLY TOTAL SIX VAV13OXS NO AIR 13ALANCE REQUIRED TO DATE.

EXHAUST SYSTEM 2600 AP-RO MAKE UP AIR 1750 APPRO.

REST VENTILATICNS & COOLING LOAD LEVEL ONE.

BROOKS AIR DESIGN
BALANCING TESTING
COMMISSIONING

DRAWING MADE FOR FIREWEED P & H LTD. FOR CONTROL WORK HEATING SOLAR PANELS VENTILATION A/C 13ALANCE REPORTS, SEQUENCE REPORTS, TESTING & COMMISSIONING AGENCY

RENOVATIONS TO LEVEL II ADMIN 13LDG C & S E CO & WOMEN'S DIRECTORATE

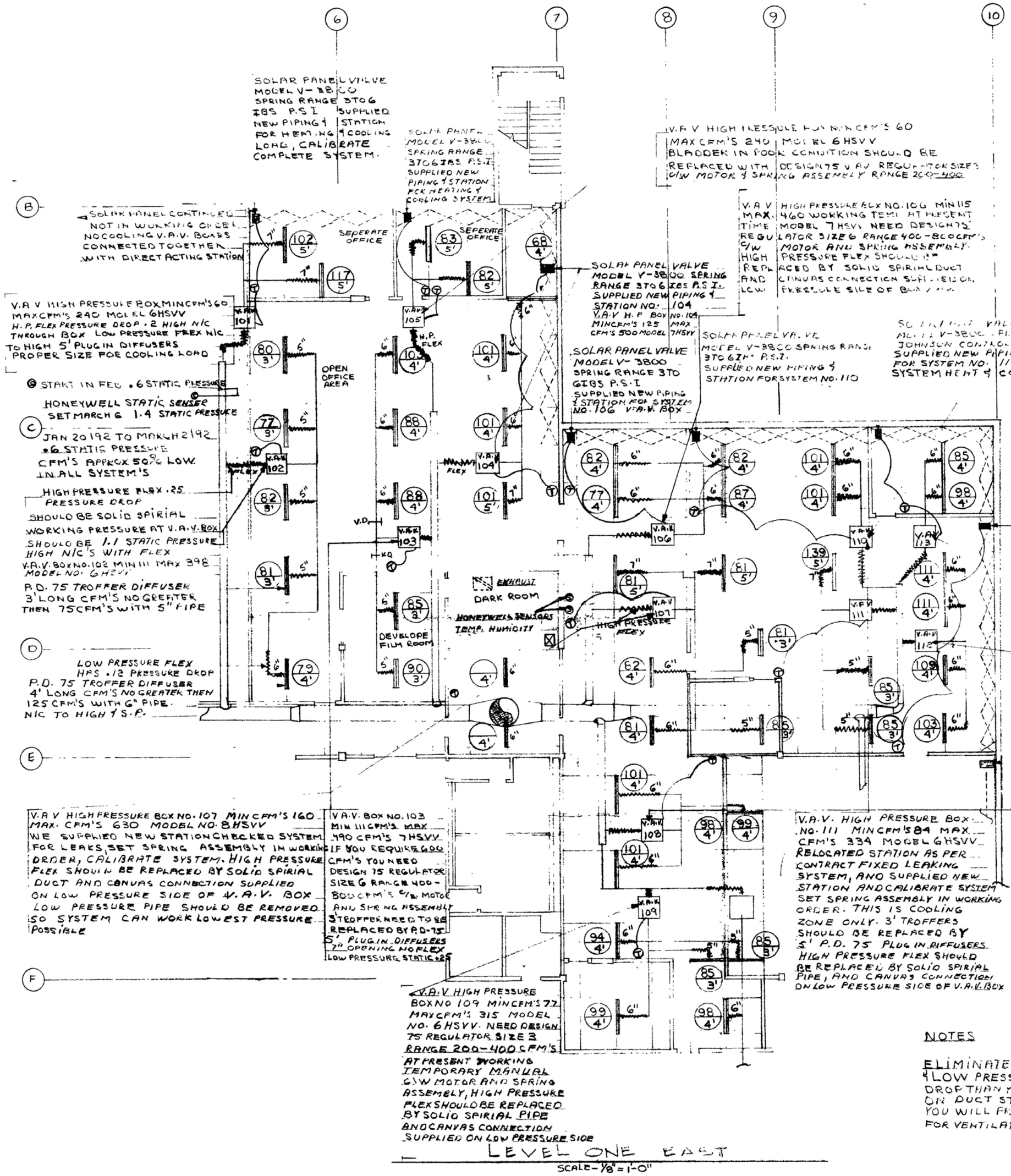
DRAWING TITLE
CONTROLS HEATING VENTILATION-COOLING REVISIONS

| | |
|---|---|
| SCALE. | AS NOTED |
| DATE. | MARCH 12 1992 |
| DRAWN | A 13ROOKS |
| DRAWN-FOR FIREWEED | |

DRAWING NUMBER SK- 2

SHEET - 2

0117




NOTES: HIGH PRESSURE SYSTEM

THE VENTILATION WAS IN POOR CONDITION WHEN CONTRACT STARTED AIR VOLUME DOWN 46% CONTROLS OUT OF SEQUENCE V.A.V BOX NOT IN WORKING ORDER SYSTEM WORKING ON .6 DUCT STATIC BEFORE CHANGING TO 1.4 STATIC PRESSURE AT FIRST I WANTED STATIC AT 1.8 BUT N/C WERE TO HIGH BUT THE SPRINGS POKED AT 1.8 AND RECEIVED 100% AIR FLOW. AT PRESENT AIR FLOW AT 85.7% AT 1.4 STATIC PRESSURE SOME BLADDERS HAVE BEEN DAMAGED BY HUMIDITY, AND HAVE WATER IN ONE LAYER WHICH FURTHER DAMAGE. ALSO KITCHEN WAS AFFECTING SOUTH PAN SYSTEM BY .2 S.P. SO I PROVIDED TWO NEW STATIONS FOR KITCHEN AREA AND SET SPRING ASSEMBLY IN ALL 6 V.A.V IN SAME AREA. MIN 240 CFM'S MAX 960 CFM'S LOW SV MODEL EXHAUST SYSTEM 2000 CFM'S MAKE UP AIR SYSTEM 1750 CFM THIS AREA NEEDS TO BE BALANCED AND SEQUENCE OF OPERATION CHECKED. ALL OTHER AREA'S WILL BE AFFECTED DO TO THE CHANGE IN SYSTEM STATIC PRESSURE. ALSO HONEYWELL SHOULD BE SENSING DUCT STATIC AT ENTRANCE OF V.A.V. BOX FOR WORKING PRESSURE OF HIGH PRESSURE SYSTEM

BROOKS AIR DESIGN BALANCING TESTING, COMMISSIONING AGENCY.

DRAWING MADE FOR FIREWEED P/H. LTD. FOR UNDERSTANDING HEATING SOLAR PANELS VENTILATING, A/C BALANCE REPORTS, SEQUENCE REPORTS TESTING & COMMISSIONING

PROJECT
RENOVATIONS TO LEVEL I ADMIN BLDG STATISTICS AND SYSTEM'S

DRAWING TITLE:
CONTROLS, HEATING, VENTILATION, A/C REVISIONS

SCALE 1/8" = 1'-0"
DATE MARCH 10 1992
DRAWN A. BROOKS
BROOKS AIR DESIGN
FOR FIREWEED P/H. LTD.

DRAWING NO. SK/1 SHEET NO. 1 OF 2 DRAWINGS SK-1/SK-2

MOUNT SWITCH BESIDE ACCESS HATCH. APPROX 10'-0" UP

COOLING TOWER

CONTROL PANEL

MECHANICAL ROOM

STAFF

ELEVATOR No.1 MACHINE ROOM

ELEVATOR No.2 MACHINE ROOM

STAIR No.1

STAIR No.4

MALL

SEE DRG E-10 FOR LOW LEVEL MALL LIGHTING

SEE DRG E-10 FOR LOW LEVEL MALL LIGHTING

NOTE:
1. FANS K7, K8, K9, K10 & K11 FED THROUGH EXHAUST FAN CONTROL PANEL.
2. PUMP P3 FED THROUGH SELECTOR SWITCH ADJACENT TO PANEL 'LNK'
3. PUMP P7 FED THROUGH SELECTOR SWITCH ADJACENT TO PANEL 'LEC'

SEE NOTE 1 EXHAUST FAN CONTROL PANEL. SEE 33/E24
SELECTOR SWITCH FOR P3. SEE 34/E24.

NORTH AIR HANDLING SYSTEM

SOUTH AIR HANDLING SYSTEM

110 VOLT FEED

SELECTOR SWITCH FOR P7. SEE DETAIL 34/E24

R. HOBNER ELECTRICAL ENGINEER

AS BUILT DRAWINGS

Public Works Canada / Travaux publics Canada
Pacific Region

| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| A | 24/5/74 | CONTROL PANEL & SELECTOR SWITCHES ADDED AT MCC #1 & 2. HP SIZES FOR PUMPS P4 & P6 CHANGED FROM ½ TO 1 HP. CIRCUIT FOR P3 ADDED; TRANSFORMER Y9 LOCATED. |
| B | 11/6/74 | NOTE "110 VOLT FEED" ADDED AT E1 & E2 |

PROJECT NO. 8837
DATE 1 APRIL 1974
SCALE 1/4" = 1'-0"
DRAWN O.S./H.M.B.
CHECK
APPROVED

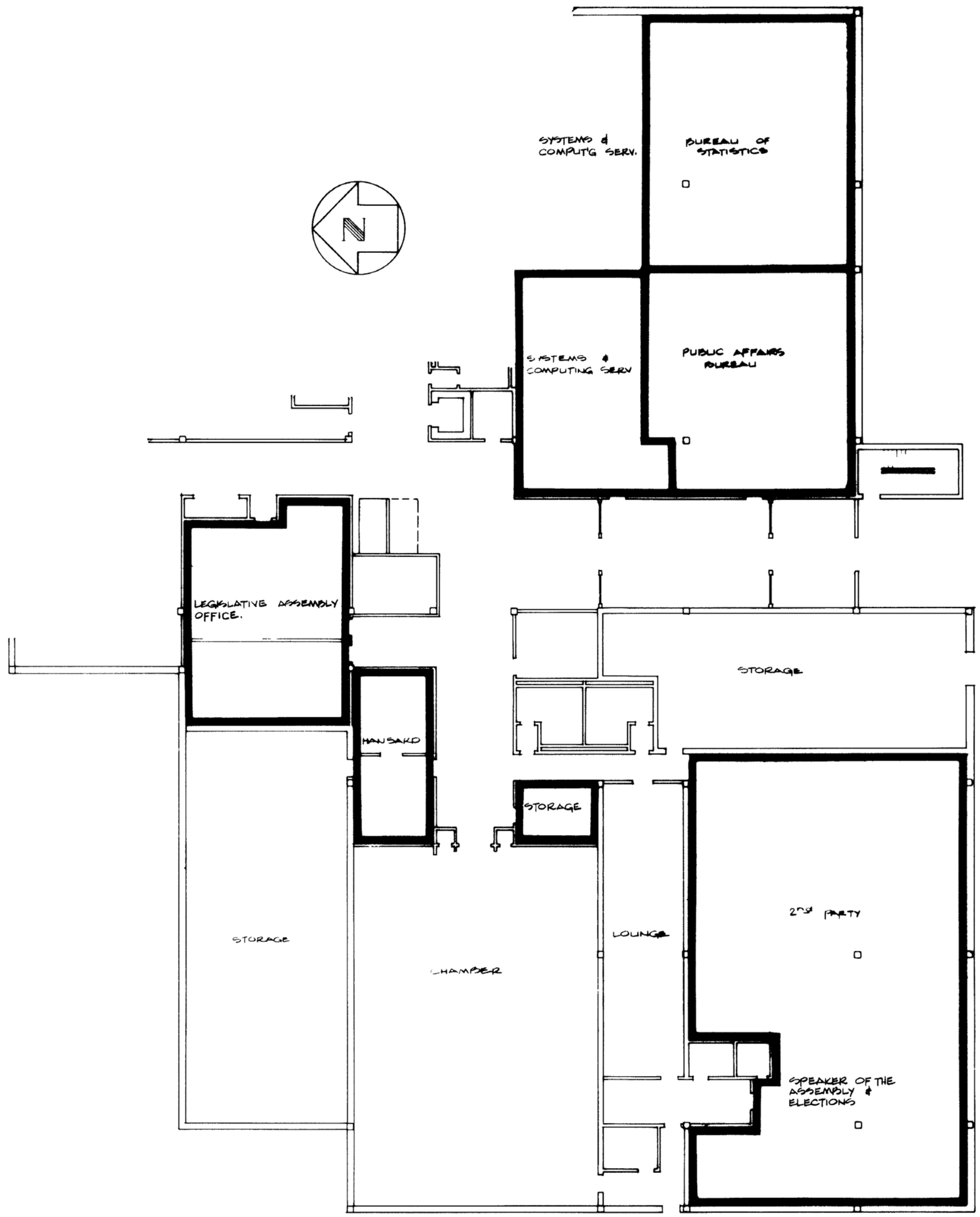
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
ELECTRICAL-PENTHOUSE-LIGHTING & POWER

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
E12
A

0119




NOTES

Yukon
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG. | SUBJECT |
|---|---|---|---|
| 1 | APR 190 | | REVISE OCCUPANTS |

PROJECT
SPACE ALLOCATION
LEGISLATIVE PRECINCTS
ADMIN. BLDG.

DRAWING TITLE
LEVEL 1
FLOOR PLAN
EXISTING OCCUPANTS

SCALE 1:200

DATE SEPT. '88 / APR '90

DESIGN

DRAWN M L W

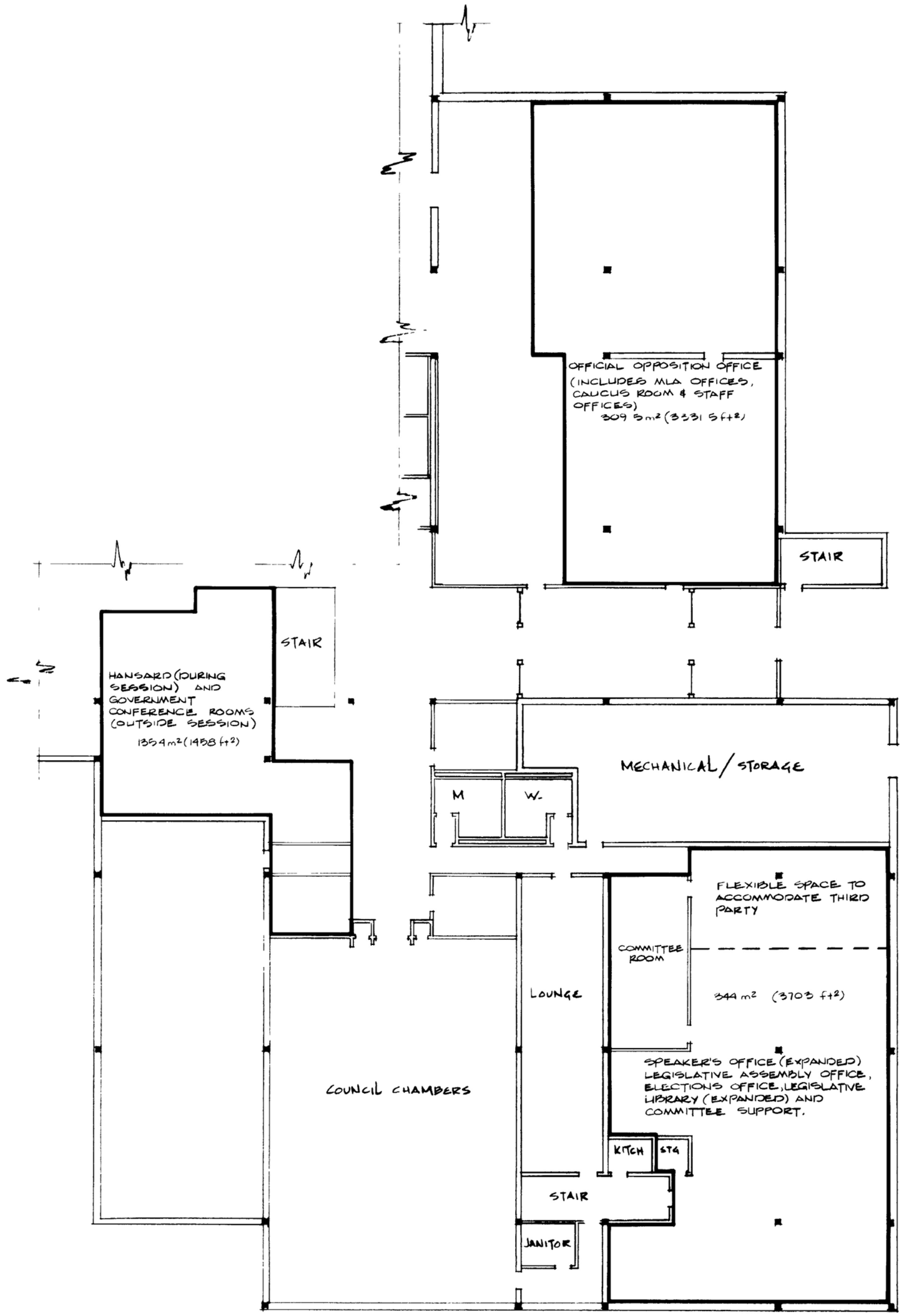
CHECKED

APPROVED

| DRAWING NUMBER | SHEET |
|---|---|
| 1-259 | 1 OF 1 |

N.S. 12821

0120




**NOTES**

**Yukon**
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

**REVISIONS**

| NO | DATE | ENG. | SUBJECT |
|---|---|---|---|
| 1 | MAY '89 | | REVISE AREA DESCRIPTIONS |
| 2 | JUNE '89 | | SEPARATE FLEXIBLE SPACE FROM LEGISLATIVE AREA |

PROJECT
SPACE ALLOCATION
LEGISLATIVE
PRECINCTS, ADMN BLDG

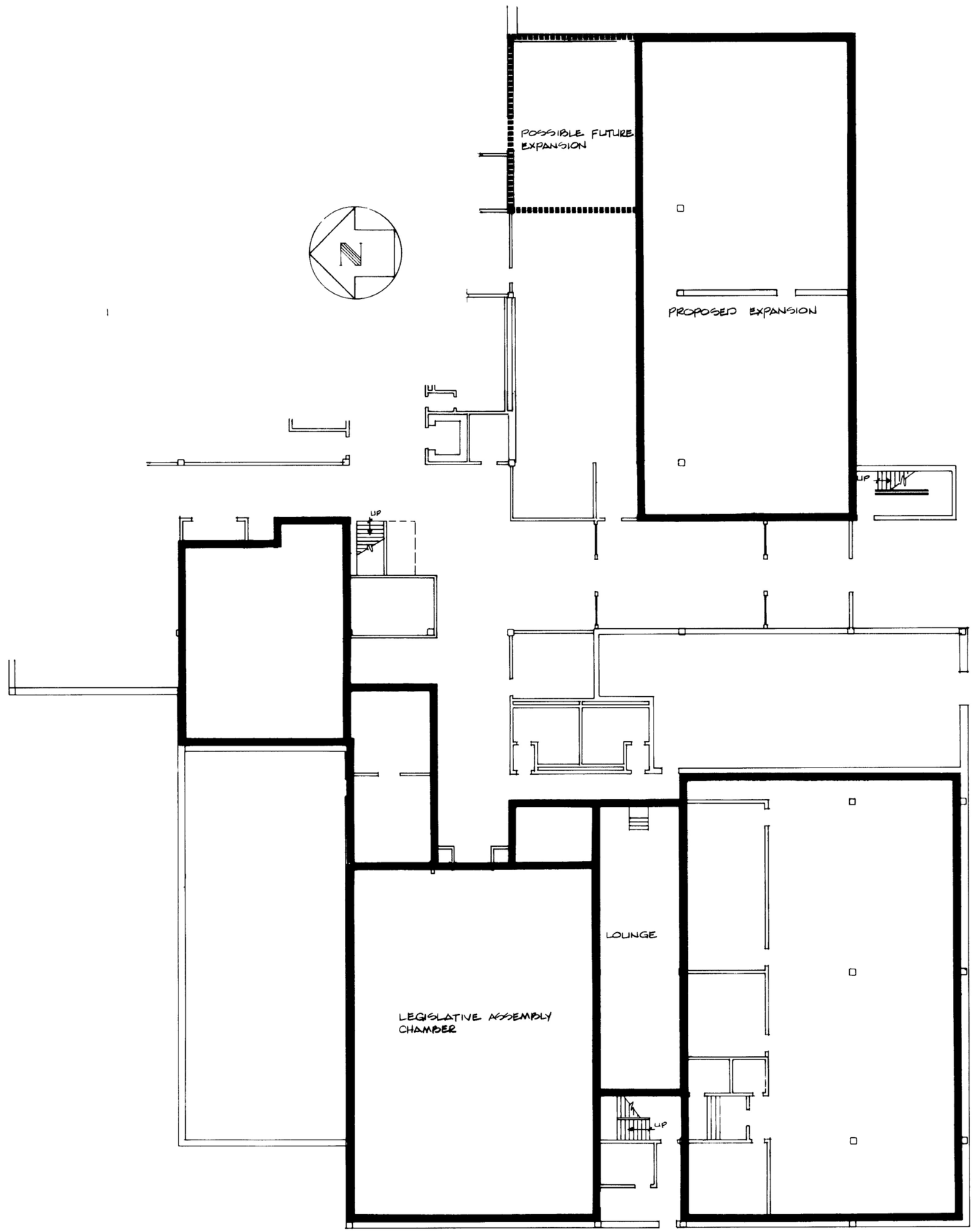
DRAWING TITLE
PARTIAL FL PLAN
LEVEL 1, SW CORNER
BLOCK SCHEMATIC

| | |
|---|---|
| SCALE | 1:200 |
| DATE | MAY 19/89 |
| DESIGN | |
| DRAWN | M L W. |
| CHECKED | |
| APPROVED | |

| DRAWING NUMBER | SHEET |
|---|---|
| BLDG.# 1-259 | 1 of 1 |

N.S. 12821

0121




NOTES

Yukon
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG | SUBJECT |
|---|---|---|---|
| | | | |

PROJECT
SPACE ALLOCATION
LEGISLATIVE PRECINCT
ADMIN. BLDG

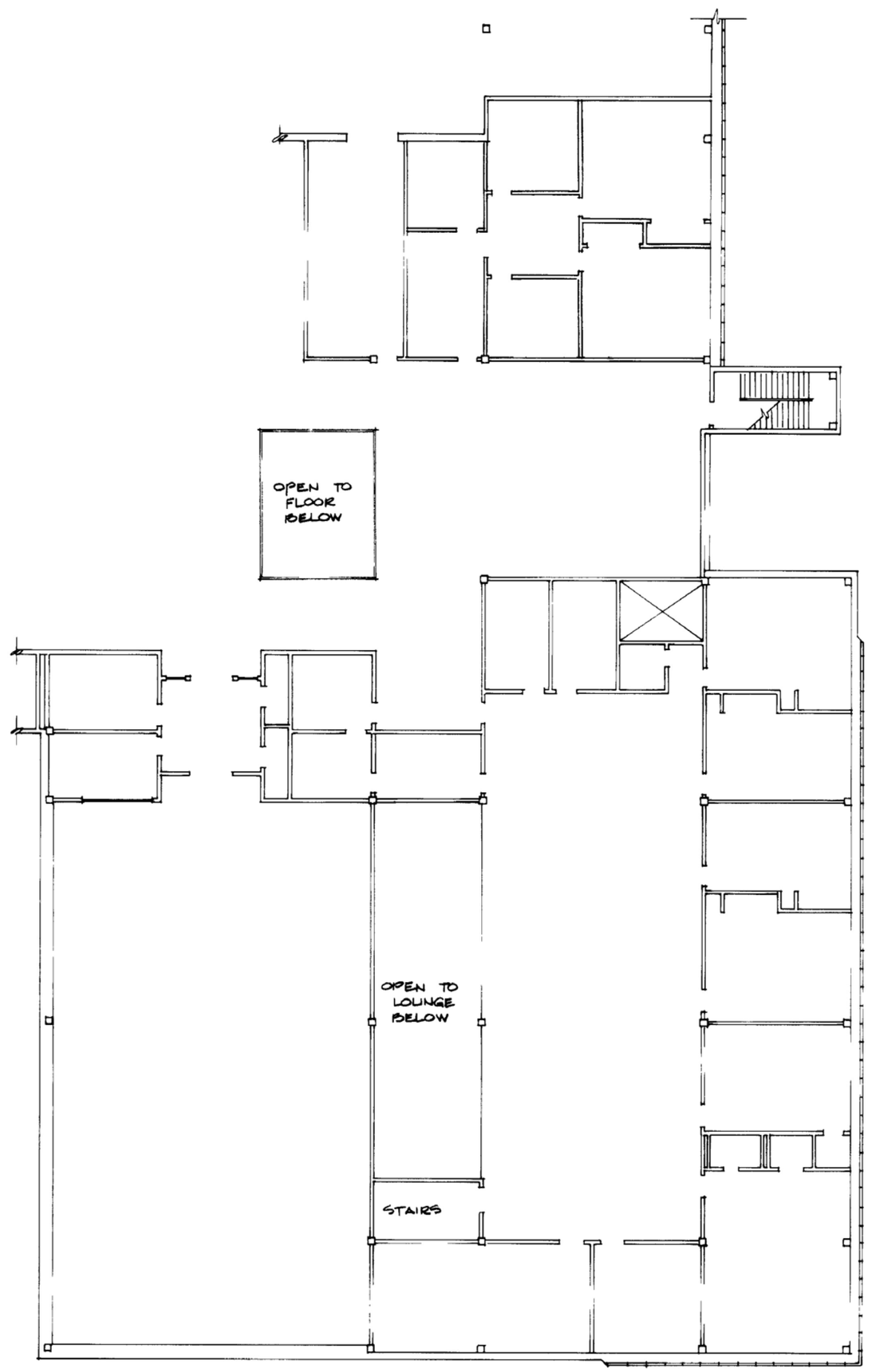
DRAWING TITLE
LEVEL 1
FLOOR PLAN
PROPOSED EXPANSION

| | |
|---|---|
| SCALE | 1:200 |
| DATE | APR '90 |
| DESIGN | |
| DRAWN | M L W |
| CHECKED | |
| APPROVED | |

| DRAWING NUMBER | SHEET |
|---|---|
| 1 254 | 1 OF 2 |

N.S. 1282

0122




1 0 1 2 3 4 5 10 15 METRES

5 0 5 10 15 20 30 40 50 FEET (APPROX)

NOTES

Yukon
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG | SUBJECT |
|---|---|---|---|

PROJECT
SPACE ALLOCATION
EXEC. OFFICES
ADMIN. BLDG.

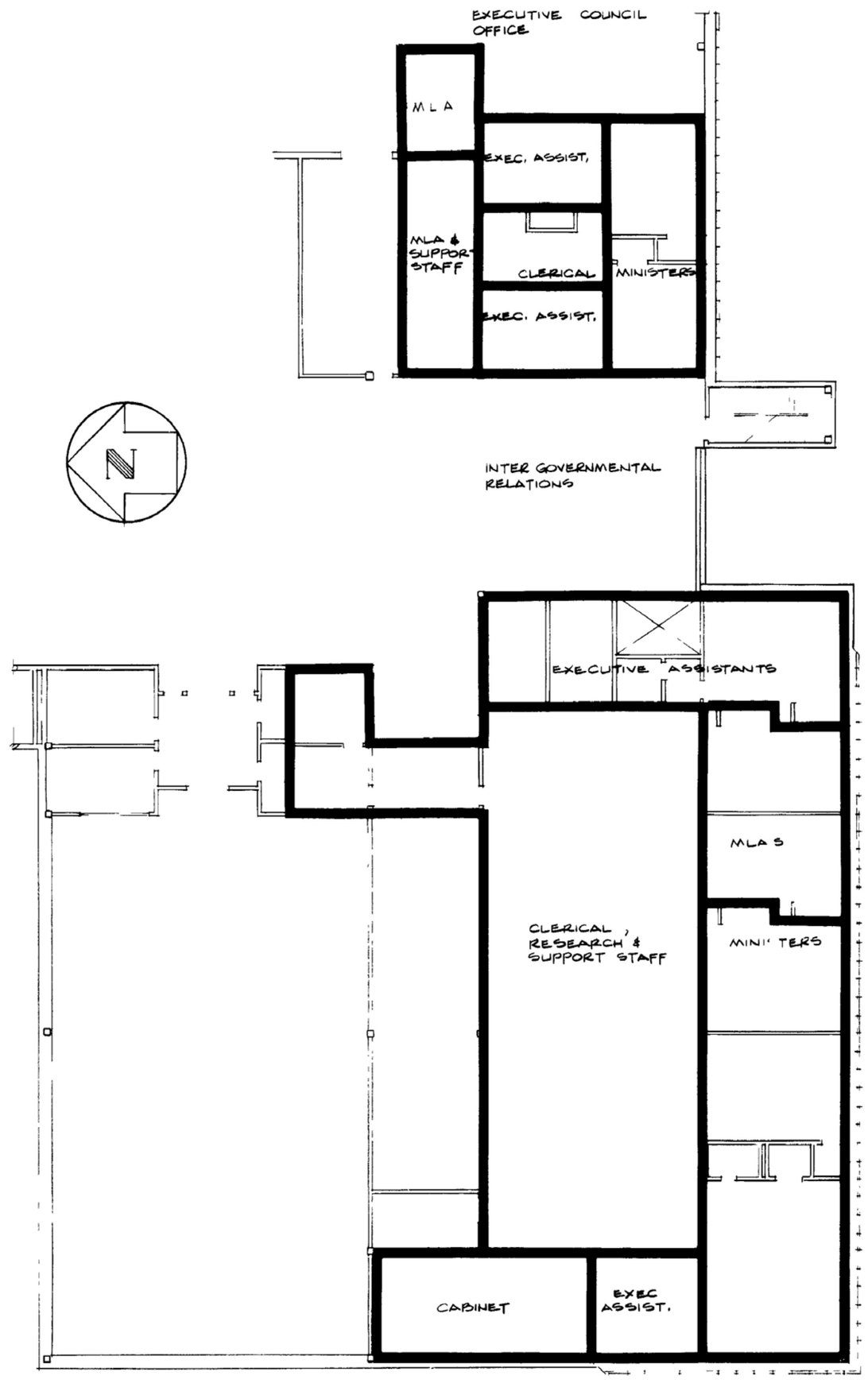
DRAWING TITLE
LEVEL 2 FL PLAN
EXISTING

| | |
|---|---|
| SCALE | 1:200 |
| DATE | MAR '89 |
| DESIGN | |
| DRAWN | M L W |
| CHECKED | |
| APPROVED | |

| DRAWING NUMBER | SHEET |
|---|---|
| 1-259 | 6 OF 6 |

N.S. 1/82)

0123




NOTES

Yukon
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG | SUBJECT |
|---|---|---|---|
| 1 | APR '90 | | ADD ECO & MLA |

PROJECT
SPACE ALLOCATION
LEGISLATIVE PRECINCTS
& EXECUTIVE OFFICES
ADMIN. BUILDING

DRAWING TITLE
LEVEL 2
FLOOR PLAN
EXISTING OCCUPANTS

SCALE 1:200

DATE SEPT '88/APR '90

DESIGN

DRAWN M L W

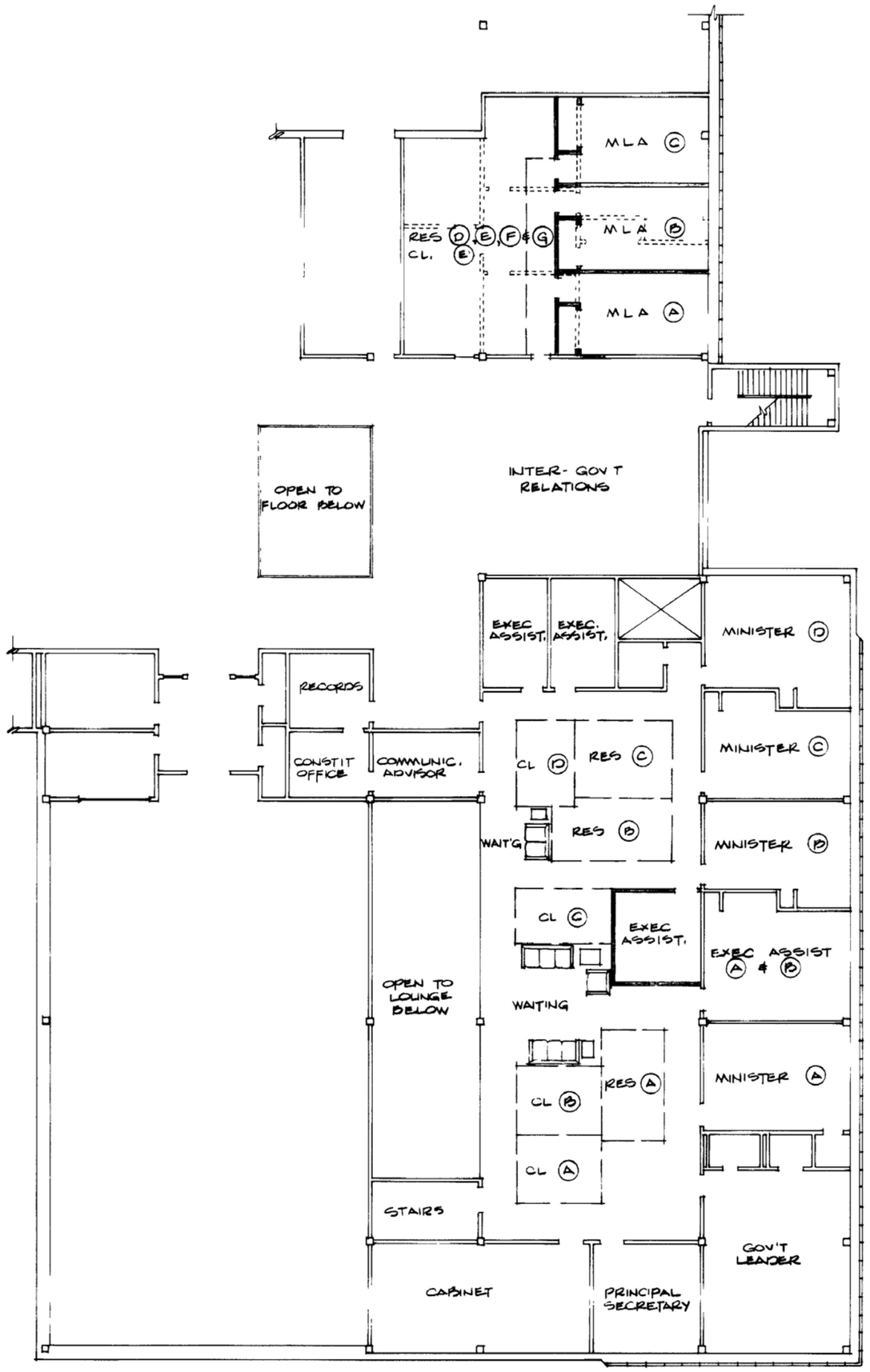
CHECKED

APPROVED

| DRAWING NUMBER | SHEET |
|---|---|
| 1-259 | 1 OF 1 |

N.S. 12821

0124




1 0 1 2 3 4 5 10 15 METRES

3 0 5 10 15 20 30 40 50 FEET (APPROX)

NOTES

LEGEND

- EXIST'G WALLS
- WALLS TO BE REMOVED
- NEW WALLS
- RES (A) RESEARCHER
- CL (D) CLERICAL
- WORK STATION BOUNDARIES

Yukon

DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG | SUBJECT |
|---|---|---|---|
| | | | |

PROJECT
SPACE ALLOCATION
EXEC OFFICES
ADMIN BLDG.

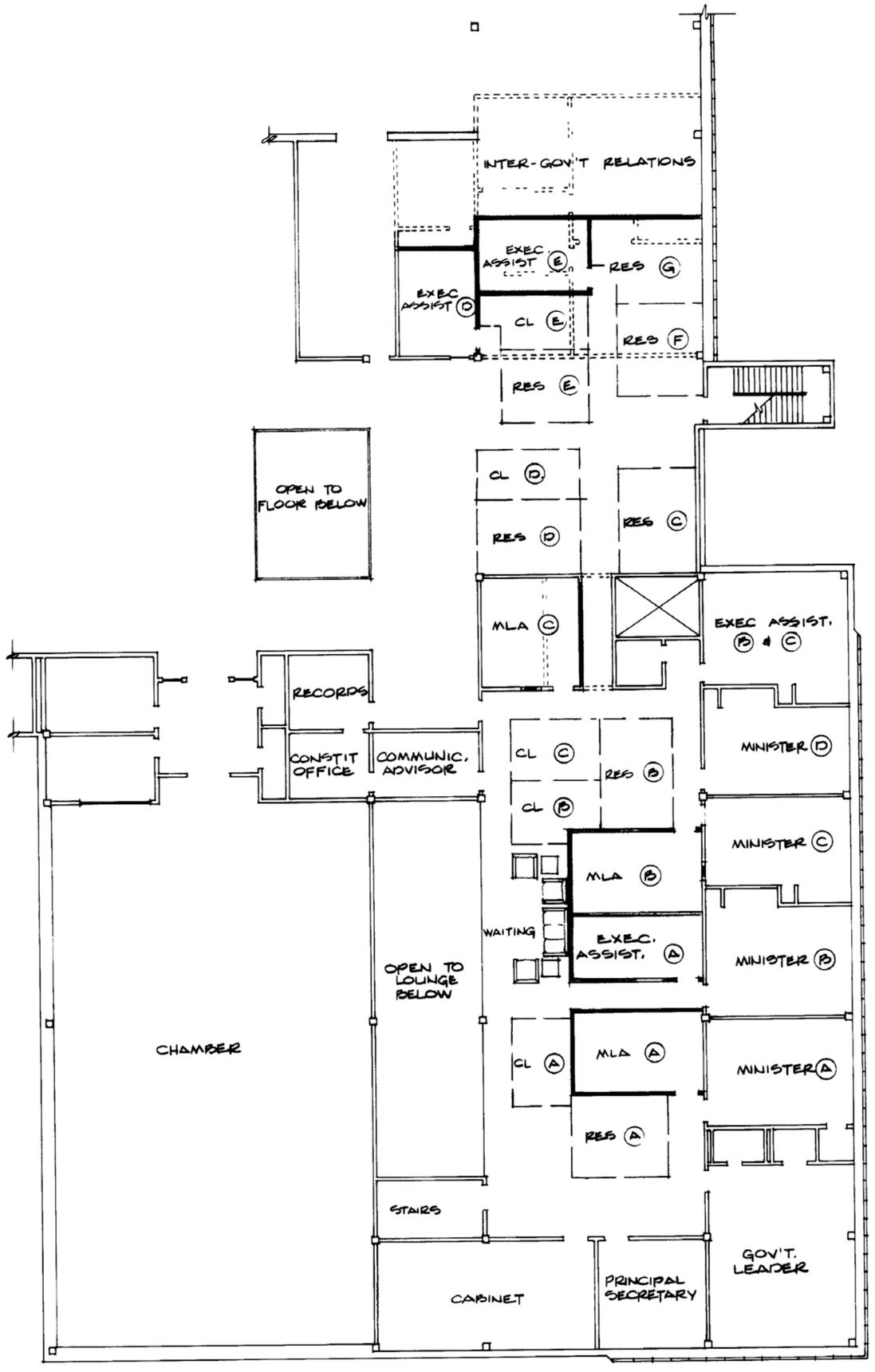
DRAWING TITLE
LEVEL 2 FL PLAN
OPTION 1

| | |
|---|---|
| SCALE | 1:200 |
| DATE | MAR '89 |
| DESIGN | |
| DRAWN | MLW |
| CHECKED | |
| APPROVED | |

| DRAWING NUMBER | SHEET |
|---|---|
| 1-259 | 1 OF 6 |

N.S. 12821

0125




NOTES

LEGEND

- EXISTG WALLS
- WALLS TO BE REMOVED
- NEW WALLS
- RES (A) - RESEARCHER
- CL (D) - CLERICAL/RECEPTION
- WORK STATION BOUNDARIES

1 0 1 2 3 4 5 10 15 METRES

5 0 5 10 15 20 30 40 50 FEET (APPROX)

Yukon
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG | SUBJECT |
|---|---|---|---|

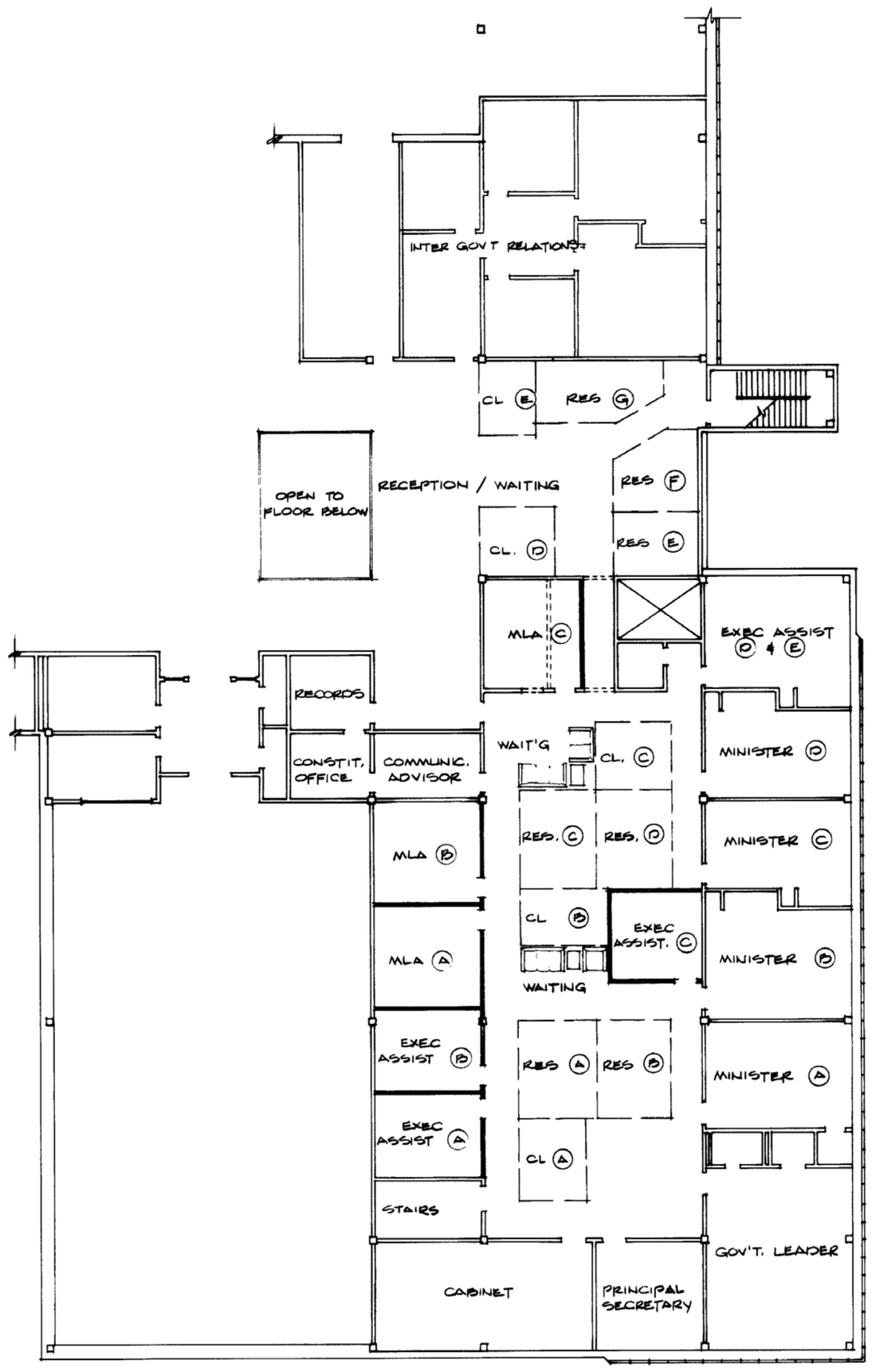
PROJECT
SPACE ALLOCATION
EXEC OFFICES
ADMIN BLDG

DRAWING TITLE
LEVEL 2 FL PLAN
OPTION 2

| | |
|---|---|
| SCALE | 1:200 |
| DATE | MAR '89 |
| DESIGN | |
| DRAWN | M.L.W. |
| CHECKED | |
| APPROVED | |

| DRAWING NUMBER | SHEET |
|---|---|
| 1-259 | 2 OF 6 |

0126




1 0 1 2 3 4 5 10 15 METRES

3 0 5 10 15 20 30 40 50 FEET (APPROX)

NOTES:

LEGEND

- EXIST'G WALLS
- WALLS TO BE REMOVED
- NEW WALLS
- RES (A) RESEARCHER
- CL. (D) CLERICAL
- WORK STATION BOUNDARIES

Yukon
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG. | SUBJECT |
|---|---|---|---|
| | | | |

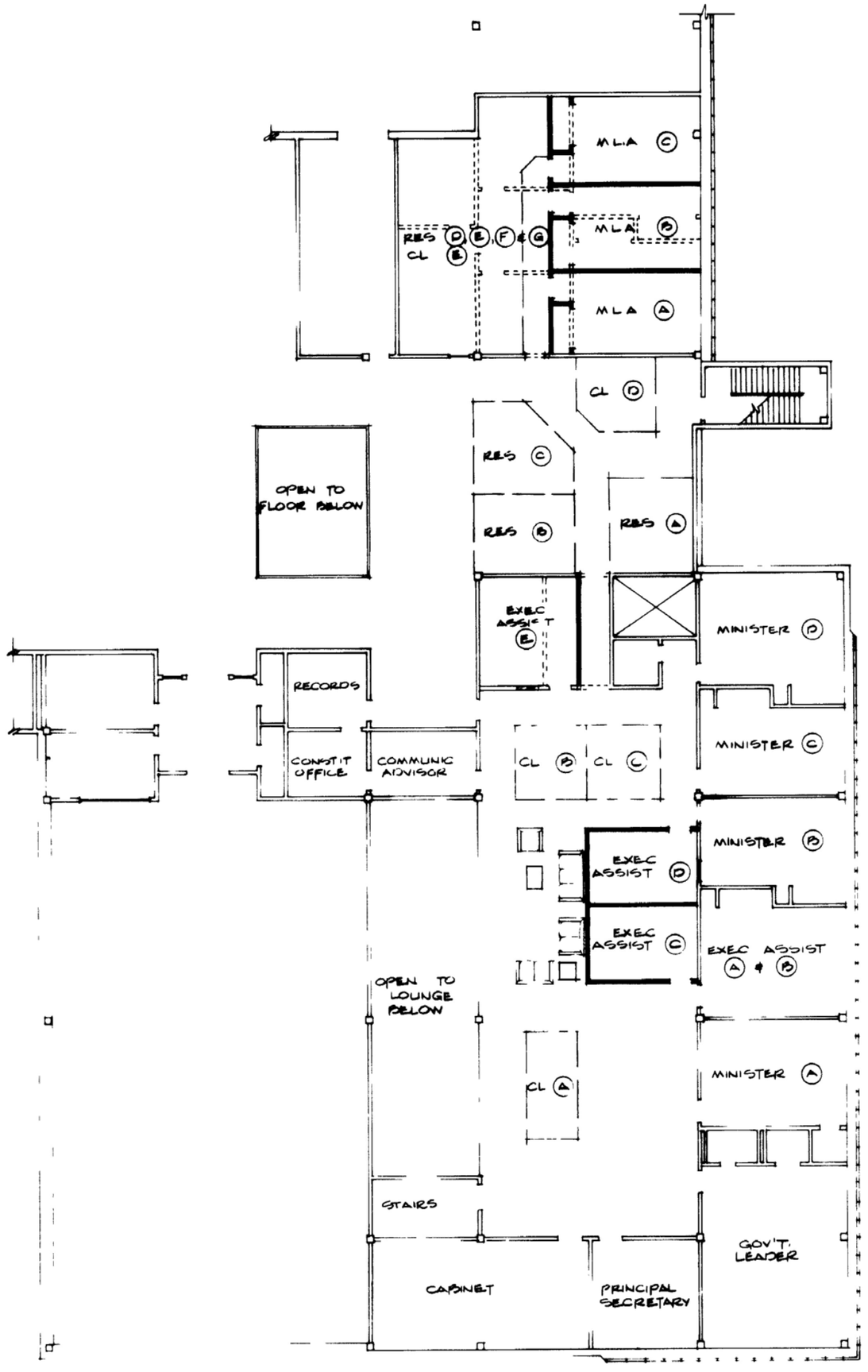
PROJECT
SPACE ALLOCATION
EXEC OFFICES
ADMIN BLDG

DRAWING TITLE
LEVEL 2 FL PLAN
OPTION 3

| | |
|---|---|
| SCALE | 1:200 |
| DATE | MAR '89 |
| DESIGN | |
| DRAWN | M L W |
| CHECKED | |
| APPROVED | |

| DRAWING NUMBER | SHEET |
|---|---|
| 1-259 | 3 OF 6 |

0127




1 0 1 2 3 4 5 10 15 METRES

3 0 5 10 15 20 30 40 50 FEET (APPROX)

**NOTES**

LEGEND

- EXIST'G WALLS
- WALLS TO BE REMOVED
- NEW WALLS
- RES (A) RESEARCHER
- CL. (D) CLERICAL
- WORK STATION BOUNDARIES

**Yukon**
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG | SUBJECT |
|---|---|---|---|

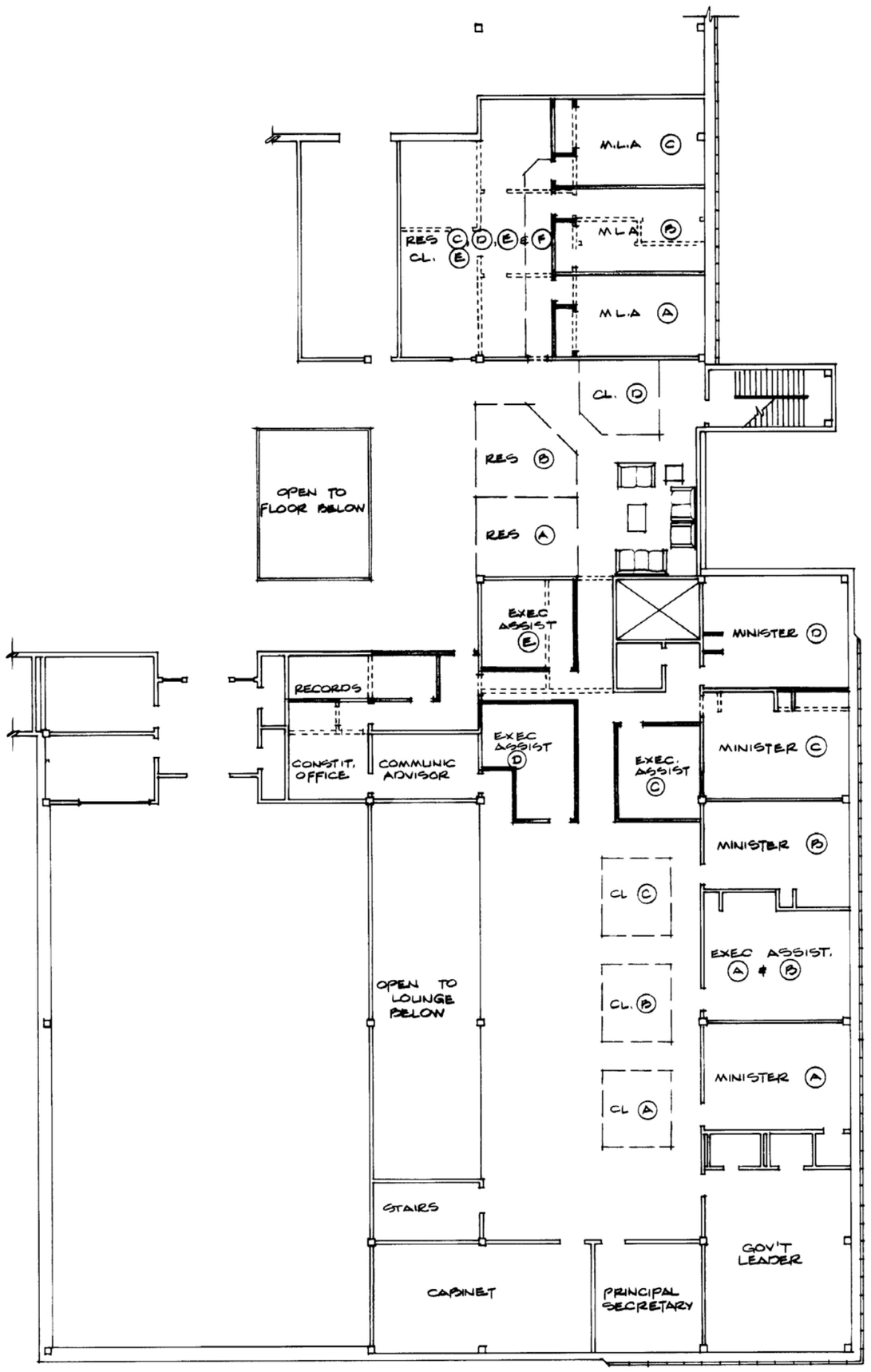
PROJECT
SPACE ALLOCATION
EXEC OFFICES
ADMIN BLDG.

DRAWING TITLE
LEVEL 2 FL PLAN
OPTION 4

| | |
|---|---|
| SCALE | 1:200 |
| DATE | MAR '89 |
| DESIGN | |
| DRAWN | M L W |
| CHECKED | |
| APPROVED | |

| DRAWING NUMBER | SHEET |
|---|---|
| -259 | 4 OF 6 |

0128




1 0 1 2 3 4 5 10 15 METRES

5 0 5 10 15 20 30 40 50 FEET (APPROX)

**NOTES**

LEGEND

- EXIST'G WALLS
- WALLS TO BE REMOVED
- NEW WALLS
- RES (A) RESEARCHER
- CL. (D) CLERICAL
- WORK STATION BOUNDARIES

Yukon
DEPARTMENT of GOVERNMENT SERVICES
PUBLIC WORKS BRANCH

REVISIONS

| NO | DATE | ENG | SUBJECT |
|---|---|---|---|
| | | | |

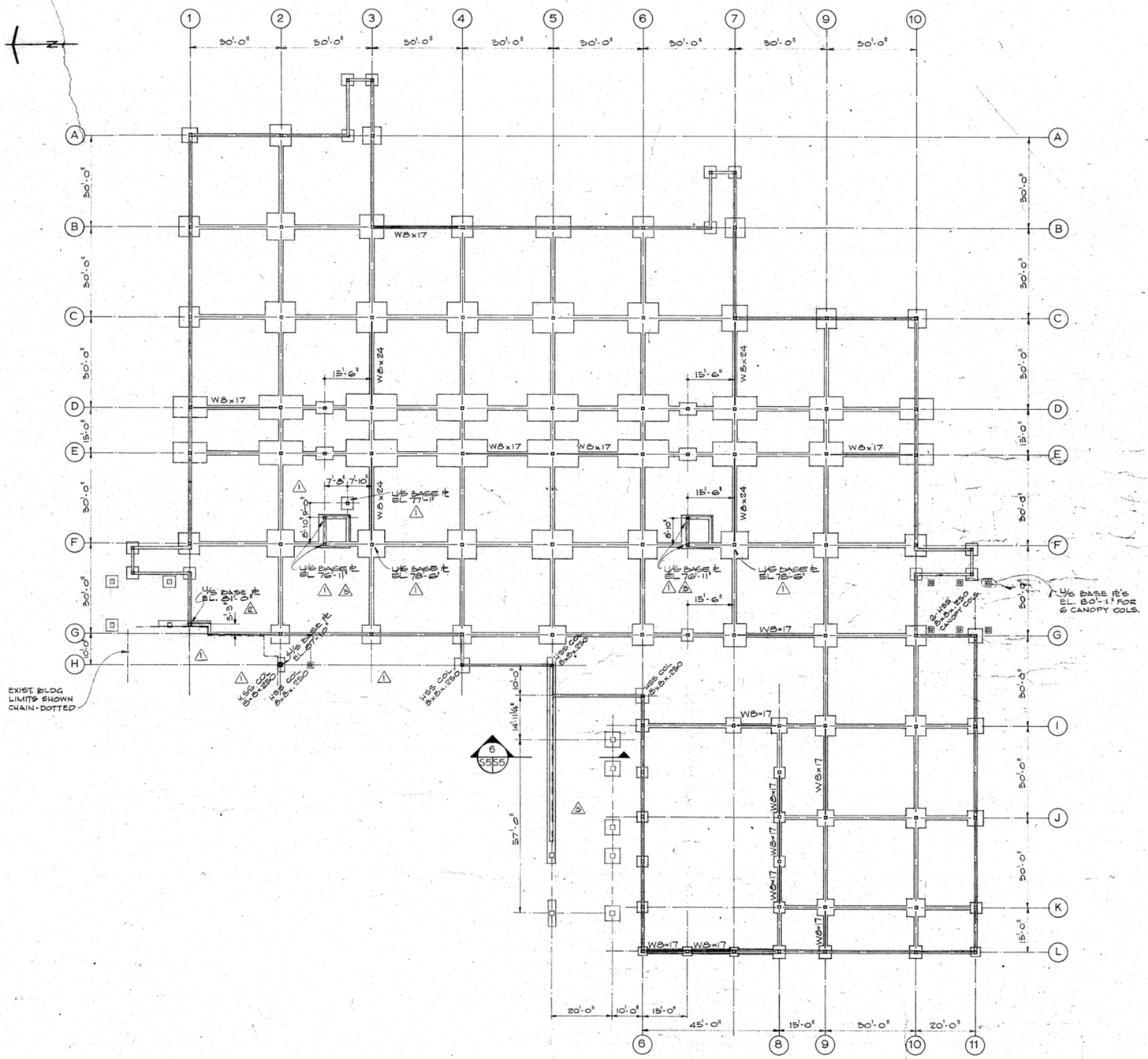
PROJECT
SPACE ALLOCATION
EXEC OFFICES
ADMIN. BLDG.

DRAWING TITLE
LEVEL 2 FL PLAN
OPTION 5

SCALE 1:200
DATE MAY '90
DESIGN
DRAWN M L W
CHECKED
APPROVED

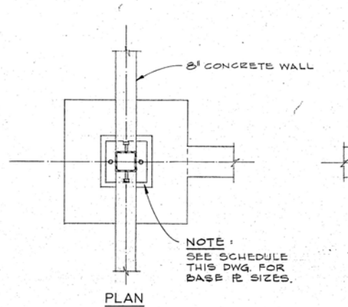
| DRAWING NUMBER | SHEET |
|---|---|
| 1-259 | 5 OF 6 |

N.S. 12821

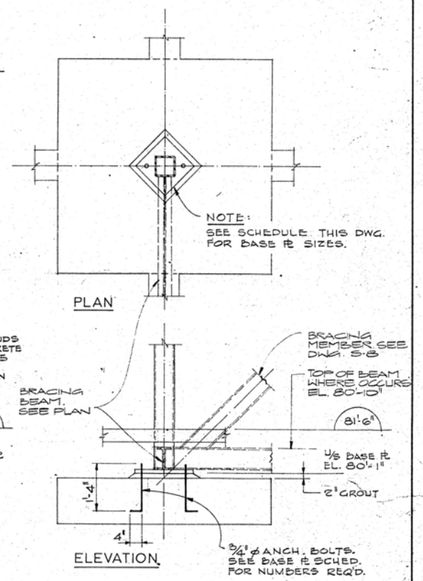



FOUNDATION PLAN

SCALE : 1 INCH = 16 FEET




TYPICAL EXTERIOR COLUMN BASE




TYPICAL INTERIOR COLUMN BASE

| COLUMN SCHEDULE | | | |
|---|---|---|---|
| SIZE | LOCATION | NO. REQ'D. | |
| HSS 8x8x.500 | B2, C2, C3, C4, C5, C6, D3, D4, D5, D6, E3, E4, E5, E6, F3, F4, F5, F6, F7, G6 | TOTAL – 20 | |
| HSS 8x8x.375 | B3, B4, B5, B6, C7, D2, D7, D9, E2, E7, E9, F2, F9, G7, G9 | TOTAL – 15 | |
| HSS 8x8x.250 | A1, A2, A3, B1, B7, C1, C9, C10, D1, D10, E1, E10, F1, F10, G1, G2, G3, G4, G5, G10, G11, H6, I7, L7, L8, L9, I-10, I-11, I+15'-6, J6, J9, J10, J11, J+15'-6, K6, K9, K10, K11, L6, L6+15', L9, L10, L11, L6+14'-6". PLUS 33 WALKWAY AND CANOPY COLUMNS. | TOTAL – 77 | ⚠ |
| HSS 6x6x.250 | ALL OTHER COLUMNS UNLESS NOTED SPECIFICALLY SHALL BE H.S.S. 6x6.250 | TOTAL – 22 | ⚠ |

| COLUMN BASE PLATES | | | |
|---|---|---|---|
| SIZE | LOCATION | NO. REQ'D. | A. BOLTS/PL. |
| 16x16x1 | ALL EXTERIOR 8x8 COLS. EXCEPT AT C7. ALL INTERIOR 8x8 COLS FROM LINE G TO LINE K INCL. + 5 WALKWAY COLS. | TOTAL – 37 | 2 EACH. TOTAL 114 ⚠ |
| 16x16x1½ | EXTERIOR 8x8 COL AT C7. ALL INTERIOR 8x8 COLS FROM LINE B TO LINE F INCL. | TOTAL – 27 | 2 EACH, TOTAL 54 |
| 12x12x¾ | ALL 6x6 COLUMNS | TOTAL – 22 | 4 EA./TOT. – 88 ⚠ |
| 16x16x⅜ | ALL 8x8 CANOPY COLUMNS | TOTAL - 28 | 4EA/TOT. 112 ⚠ |

NOTE:
SEE REFERENCE DRAWING S100 FOR EXTENT OF CONCRETE WORK COVERED IN PHASE I CONTRACT (N.I.C.) AND REPEATED ON THIS DRAWING FOR INFORMATION ONLY.
ALL STRUCTURAL STEEL & STEEL DECKING SHOWN ON DWGS. S1 TO S10 (INCLUSIVE), IS INCLUDED IN A PRETENDER DATED NOVEMBER, 1973.

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST. VANCOUVER, B.C. TELEPHONE 688-8861

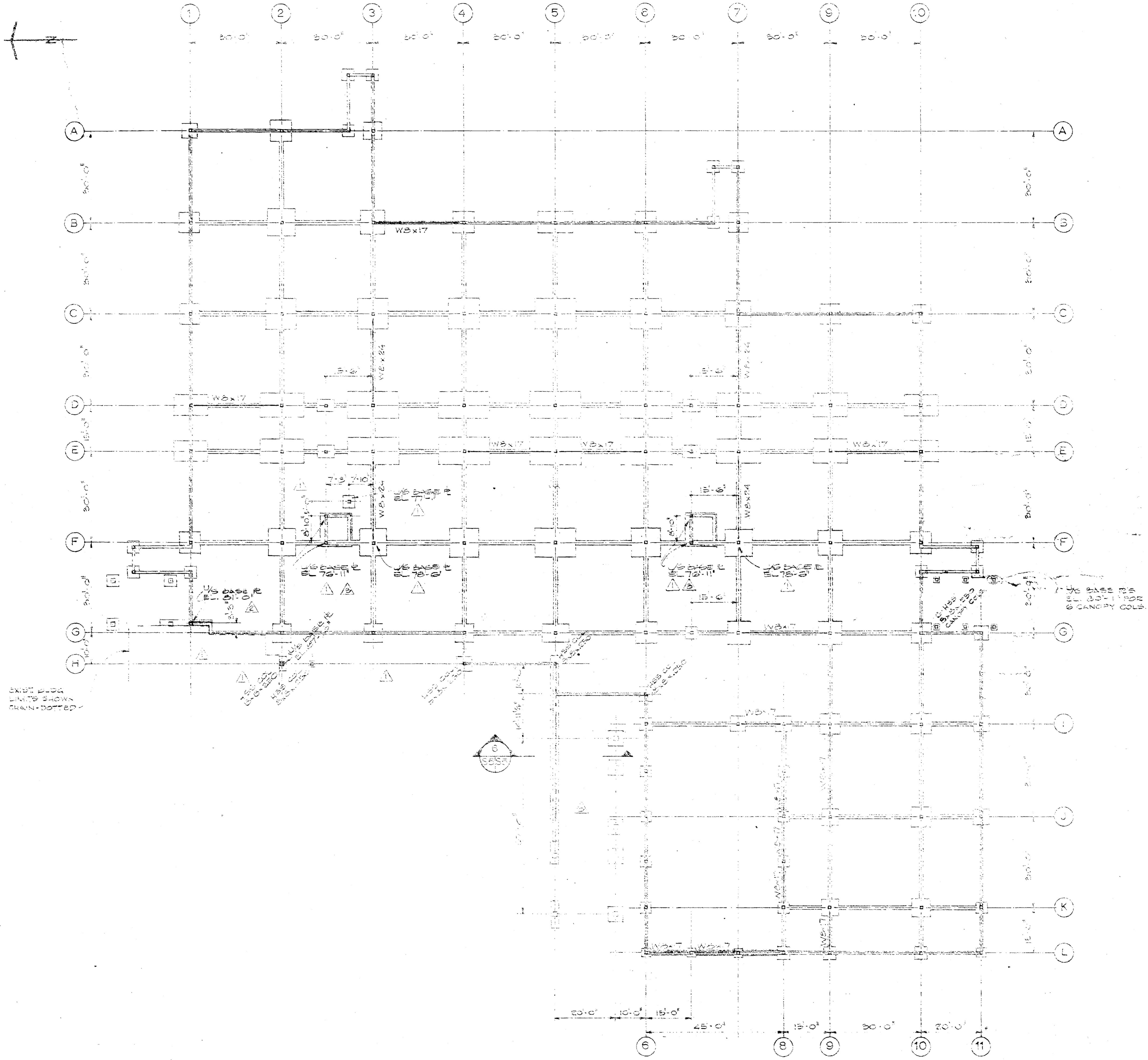
PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L.C. BOHLMAN

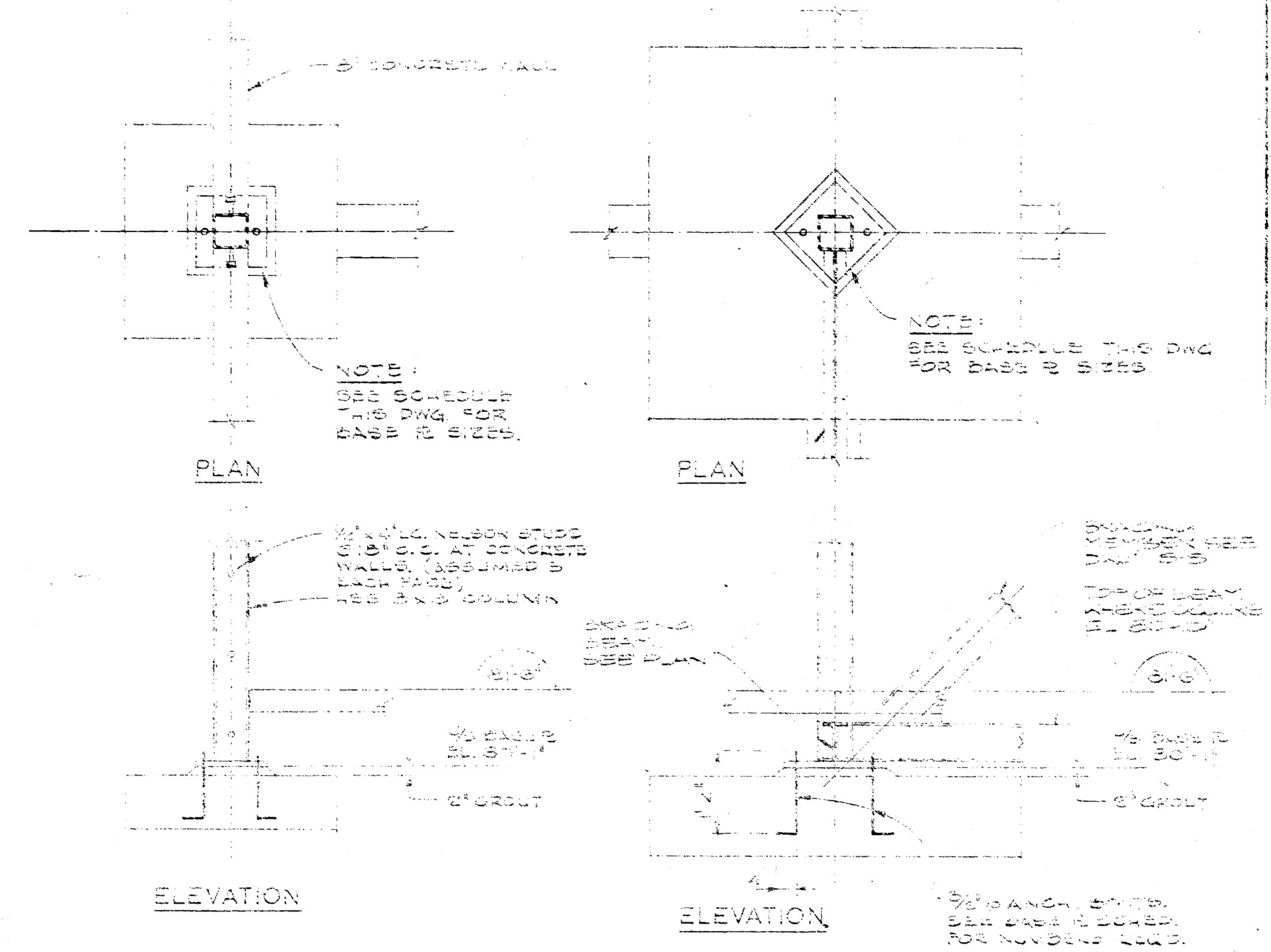
| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | GENERAL REVISION. ISSUED TO DOMINION BRIDGE |
| 2 | 1/8/74 | 'HOLD' AREA RELEASED WITH MODIFICATION |
| 3 | 22/3/74 | GENERAL REVISION |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 19/9/06 | Revised to 'As Builts' |

PROJECT NO. 89857
DATE: NOV. 16/73 SCALE: NOTED
DRAWN: G.C.P. CHECK: H.C.
APPROVED: L.C.B.

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: FOUNDATION PLAN
DRAWING NO.




TYPICAL EXTERIOR COLUMN BASE

TYPICAL INTERIOR COLUMN BASE

**COLUMN SCHEDULE**

| SIZE | LOCATION | NO. REQ'D. |
|---|---|---|
| HSS 8x8x.50 | B2, C2, C3, C4, C5, C6, D3, D4, D5, D6, E3, E4, E5, E6, F3, F4, F5, F6, F7, G6 | TOTAL – 20 |
| HSS 8x8x.375 | B3, B4, B5, B6, C7, D2, D7, D8, E2, E7, E8, F2, F8, G7, G8 | TOTAL – 15 |
| HSS 8x8x.250 | A1, A2, A3, B1, B7, C1, C8, C10, D1, D10, E1, E10, F1, F10, G1, G2, G3, G4, G5, G10, G11, H6, H7, L7, L8, [illegible] PLUS 33 WALKWAY AND CANOPY COLUMNS | TOTAL – 77 |
| HSS 6x6x.250 | ALL OTHER COLUMNS UNLESS NOTED OTHERWISE SHALL BE HSS 6x6x.250 | TOTAL – 22 |

**COLUMN BASE PLATES**

| SIZE | LOCATION | NO. REQ'D. | A.BOLTS/℄ |
|---|---|---|---|
| [illegible] | ALL EXTERIOR 8x8 COLS EXCEPT AT C7. ALL INTERIOR 8x8 COLS FROM LINE G TO LINE K INCL. + 3 WALKWAY COLS. | TOTAL – 37 | 2 EACH. TOTAL 74 |
| [illegible] | EXTERIOR 8x8 COL AT C7. ALL INTERIOR 8x8 COLS FROM LINE 2 TO LINE F INCL. | TOTAL – 27 | 2 EACH. TOTAL 54 |
| 12x12x3/4 | ALL 6x6 COLUMNS | TOTAL – 22 | 4 EA./TOT – 88 |
| [illegible] | ALL 8x8 CANOPY COLUMNS | TOTAL – 22 | 4 EA./TOT 12 |

NOTE:
SEE REFERENCE DRAWING S100 FOR EXTENT OF CONCRETE WORK COVERED IN PHASE I CONTRACT (N.I.C.) AND REPEATED ON THIS DRAWING FOR INFORMATION ONLY.
ALL STRUCTURAL STEEL & STEEL DECKING SHOWN IN DWGS. S1 TO S10 (INCLUSIVE) IS INCLUDED IN A PRETENDER, DATED NOVEMBER, 1973.

FOUNDATION PLAN

SCALE: 1 INCH = 16 FEET

BUSH & BOHLMAN LTD.
consulting engineers

**REVISIONS**

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | [illegible] | GENERAL REVISION ISSUED TO DOMINION BRIDGE |
| 2 | 1/2/74 | HOLD AREA RELEASED WITH MODIFICATION |
| 3 | [illegible] | GENERAL REVISION |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | [illegible] | Revised to As Built |

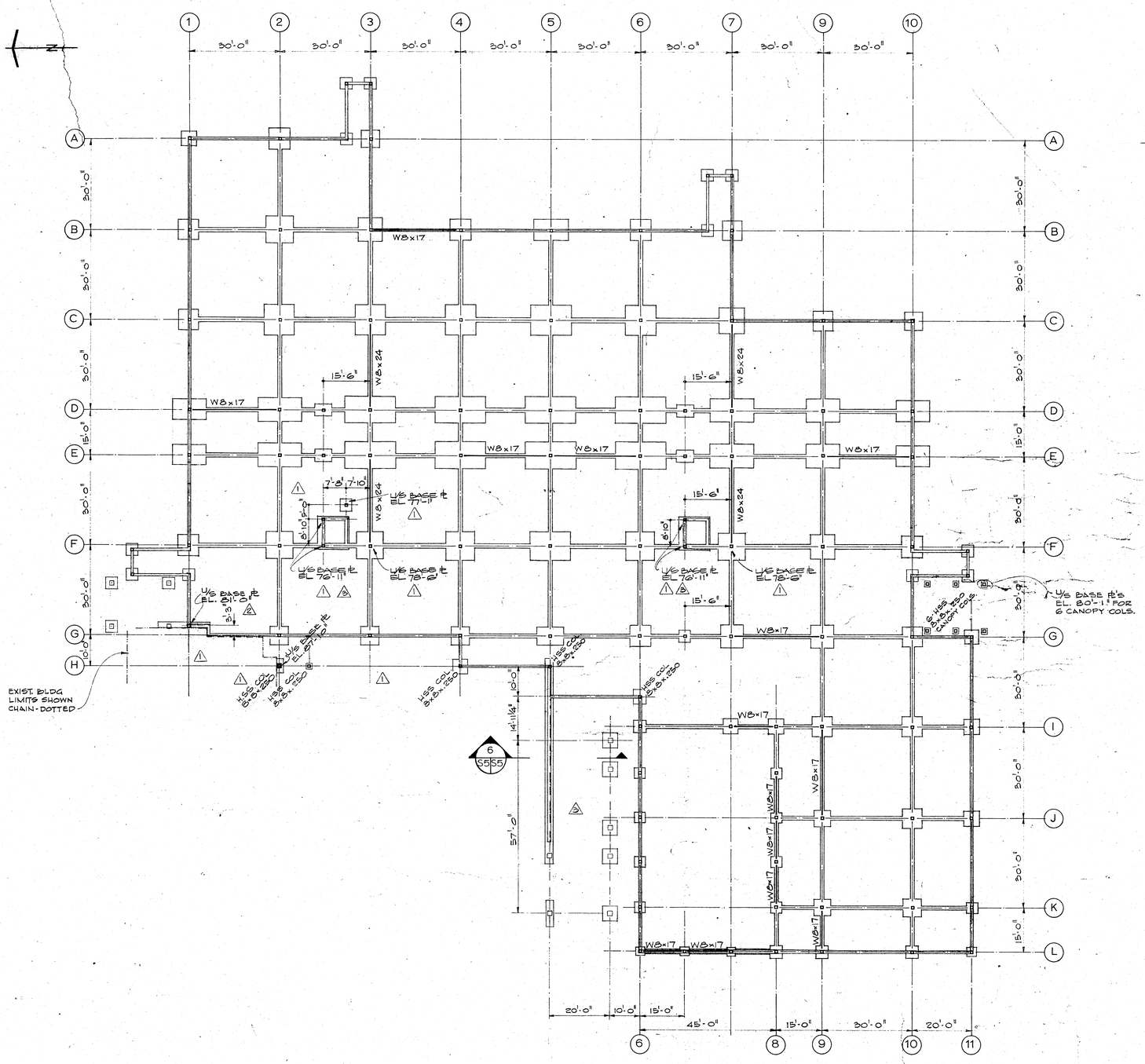
PROJECT NO. 89857
DATE NOV. 16/73 | SCALE NOTED
DRAWN G.C.P. | CHECK H.C.
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: FOUNDATION PLAN
TERRITORIAL ADMINISTRATION BUILDING

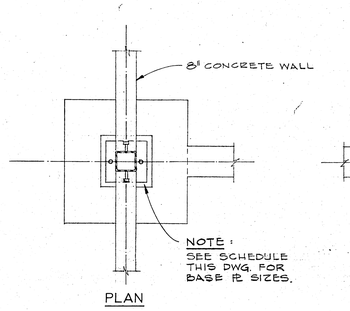
DRAWING NO. S-1

72

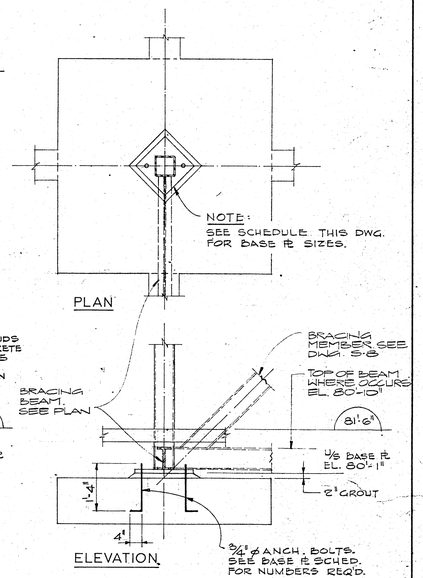



FOUNDATION PLAN

SCALE : 1 INCH = 16 FEET




TYPICAL EXTERIOR COLUMN BASE




TYPICAL INTERIOR COLUMN BASE

| COLUMN SCHEDULE | | |
|---|---|---|
| SIZE | LOCATION | NO. REQ'D. |
| HSS 8x8x.50 | B2, C2, C3, C4, C5, C6, D3, D4, D5, D6, E3, E4, E5, E6, F3, F4, F5, F6, F7, G6 | TOTAL – 20 |
| HSS 8x8x.375 | B3, B4, B5, B6, C7, D2, D7, D9, E2, E7, E9, F2, F9, G7, G9 | TOTAL – 15 |
| HSS 8x8x.250 | A1, A2, A3, B1, B7, C1, C8, C10, D1, D10, E1, E10, F1, F10, G1, G2, G3, G4, G5, G10, G11, I6, I7, L7, L8, I-9, I-10, I-11, I+15'-6, J6, J9, J10, J11, J+15'-6, K6, K9, K10, K11, L6, L6+15', L9, L10, L11, G6+14'-6". PLUS 33 WALKWAY AND CANOPY COLUMNS. | TOTAL – 77 ⚠1 |
| HSS 6x6x.250 | ALL OTHER COLUMNS UNLESS NOTED SPECIFICALLY SHALL BE HSS. 6x6.250 | TOTAL – 22 ⚠1 |

| COLUMN BASE PLATES | | | |
|---|---|---|---|
| SIZE | LOCATION | NO. REQ'D. | A.BOLTS/PL. |
| 16x16x1 | ALL EXTERIOR 8x8 COLS. EXCEPT AT C7. ALL INTERIOR 8x8 COLS FROM LINE G TO LINE K INCL. + 3 WALKWAY COLS. | TOTAL – 57 | 2 EACH. TOTAL 114 ⚠1 |
| 16x16x1½ | EXTERIOR 8x8 COL AT C7. ALL INTERIOR 8x8 COLS FROM LINE B TO LINE F INCL. | TOTAL – 27 | 2 EACH, TOTAL 54 |
| 12x12x¾ | ALL 6x6 COLUMNS | TOTAL – 22 | 4 EA./TOT – 88 ⚠1 |
| 14x14x¾ | ALL 8x8 CANOPY COLUMNS | TOTAL – 28 | 4EA/TOT. 112 ⚠1 |

NOTE:
SEE REFERENCE DRAWING S100 FOR EXTENT OF CONCRETE WORK COVERED IN PHASE I CONTRACT (N.I.C.) AND REPEATED ON THIS DRAWING FOR INFORMATION ONLY. ALL STRUCTURAL STEEL & STEEL DECKING SHOWN ON DWGS S1 TO S10 (INCLUSIVE), IS INCLUDED IN A PRETENDER DATED NOVEMBER, 1973.

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST. VANCOUVER, B.C. TELEPHONE 688-9861

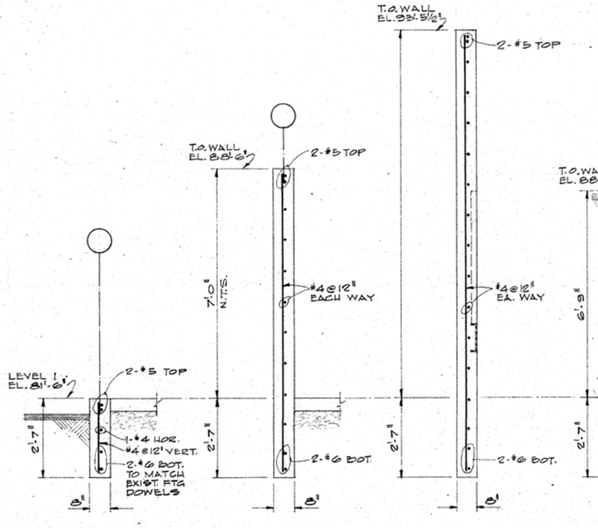
PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — L.C. BOHLMAN

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| ⚠3 | 14/1/74 | GENERAL REVISION. ISSUED TO DOMINION BRIDGE |
| ⚠2 | 1/8/74 | 'HOLD' AREA RELEASED WITH MODIFICATION |
| ⚠1 | 22/3/74 | GENERAL REVISION |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 7/11/06 | Revised to 'As Builts' |

PROJECT NO. 89857
DATE: NOV. 16/73 | SCALE: NOTED
DRAWN: G.C.P. | CHECK: H.C.
APPROVED: R.C.B.

GOVERNMENT OF THE YUKON TERRITORY

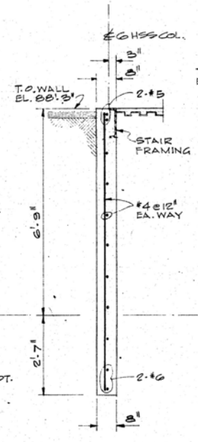
DRAWING TITLE: FOUNDATION PLAN
DRAWING NO. S2 ⚠3

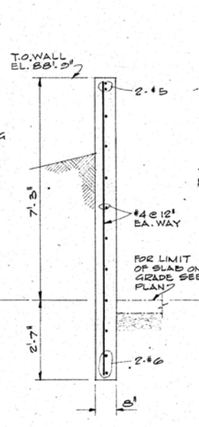


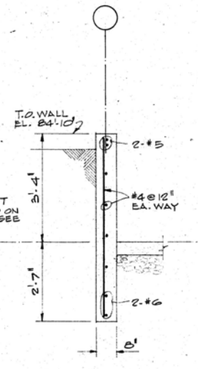


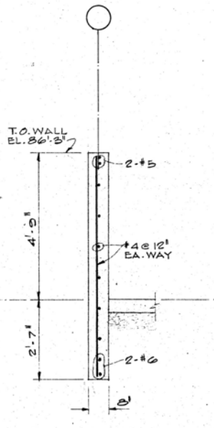


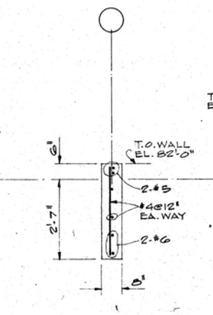


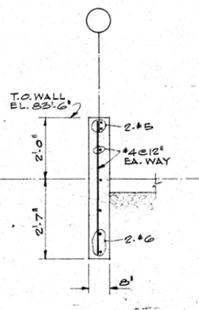



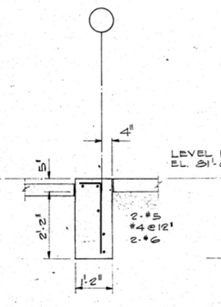



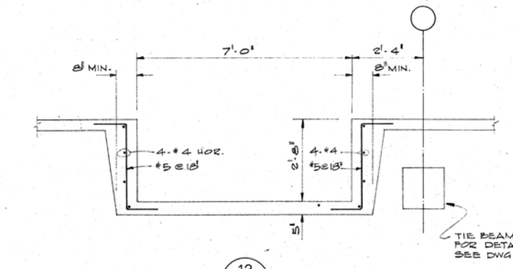



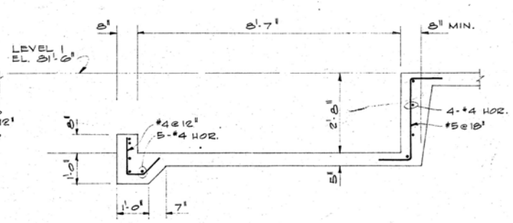



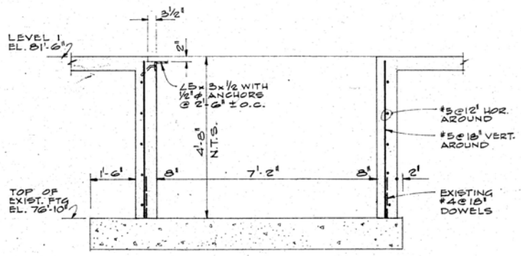



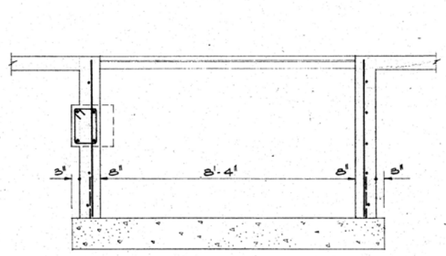



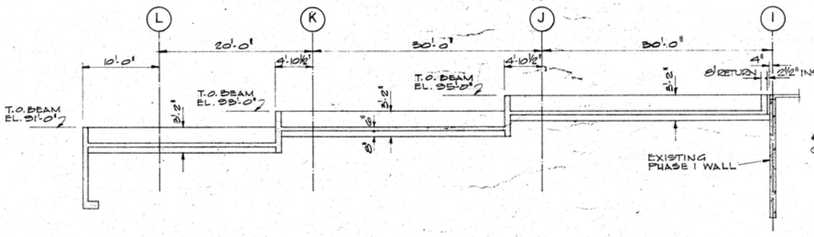



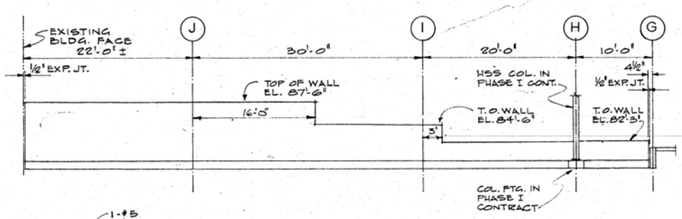



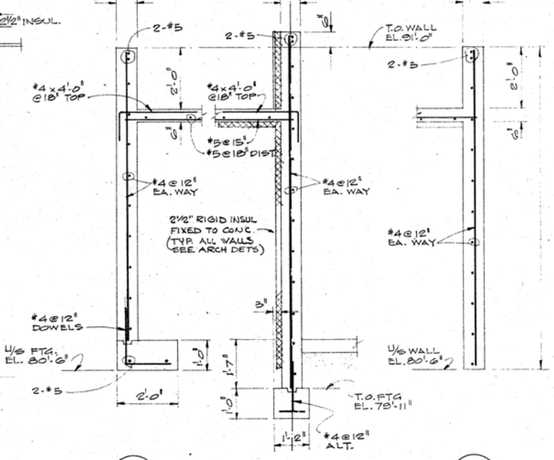



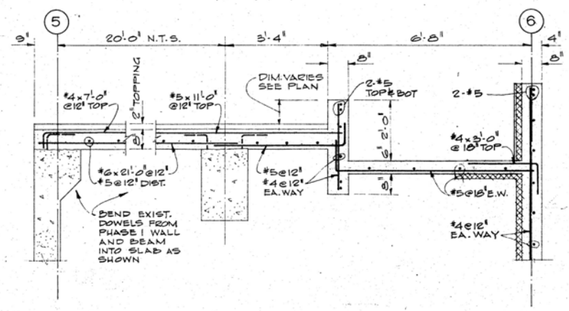



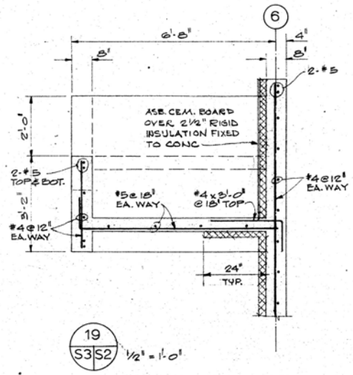



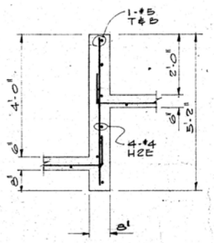



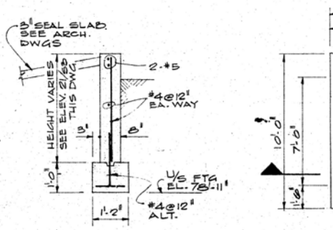



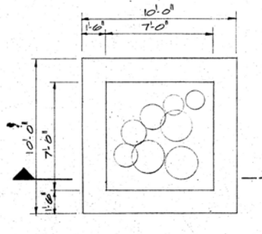



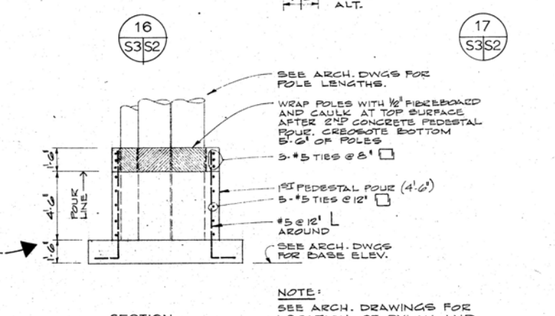




BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST. VANCOUVER B.C. TELEPHONE 688-9861

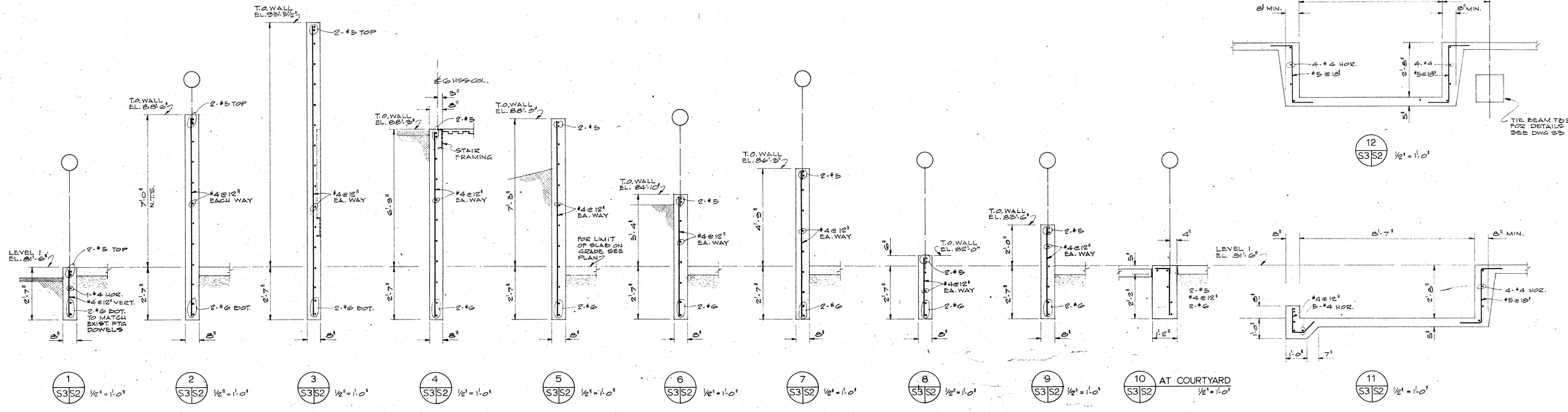
| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 2 | 26/9/96 | Revised to 'As Built's' |

| | |
|---|---|
| PROJECT NO. | 89857 |
| DATE | SCALE |
| APR 1/74 | NOTED |
| DRAWN | CHECK |
| GCP | HC |
| APPROVED | |

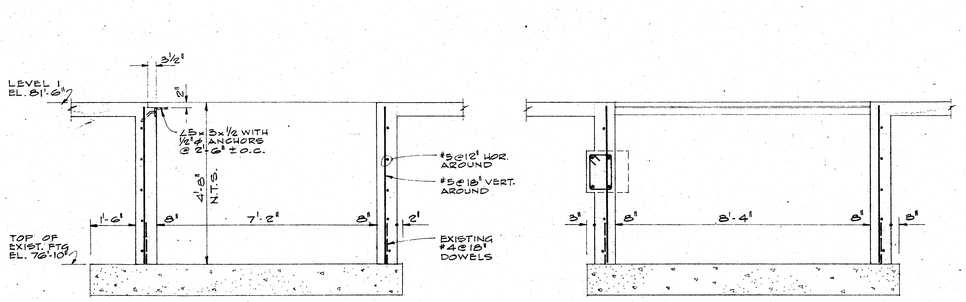
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
FOUNDATION DETAILS
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

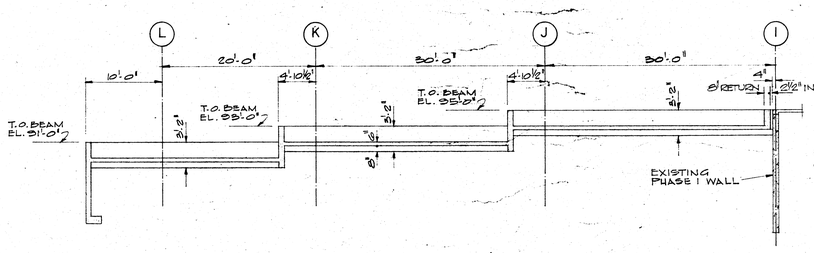
DRAWING NO.
S2



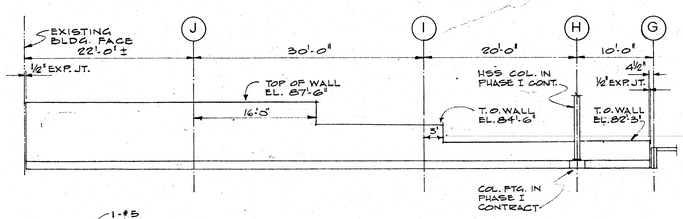

1 S3 S2 ½"=1'-0" | 2 S3 S2 ½"=1'-0" | 3 S3 S2 ½"=1'-0" | 4 S3 S2 ½"=1'-0" | 5 S3 S2 ½"=1'-0" | 6 S3 S2 ½"=1'-0" | 7 S3 S2 ½"=1'-0" | 8 S3 S2 ½"=1'-0" | 9 S3 S2 ½"=1'-0" | 10 S3 S2 AT COURTYARD ½"=1'-0" | 11 S3 S2 ½"=1'-0" | 12 S3 S2 ½"=1'-0"

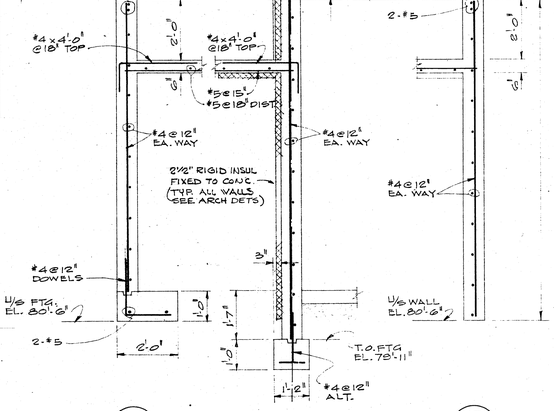



13 S3 S2 ½"=1'-0" | 14 S3 S2 ½"=1'-0"

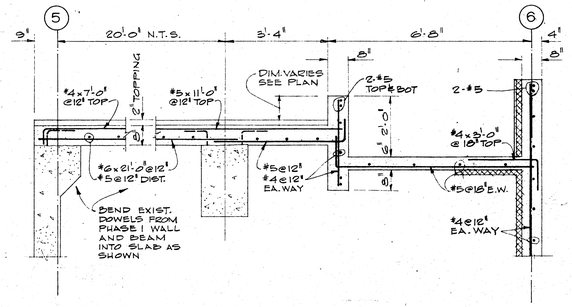



15 S3 S2 NORTH PLANTER WALL AT MAIN ENTRANCE RAMP SCALE: ⅛"=1'-0"

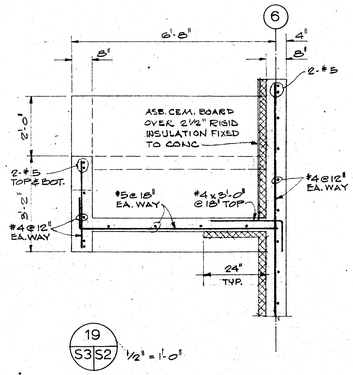


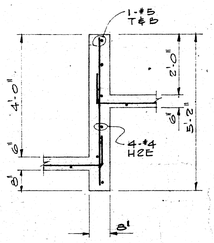

16 S3 S2 | 17 S3 S2




18 S3 S2 ½"=1'-0"

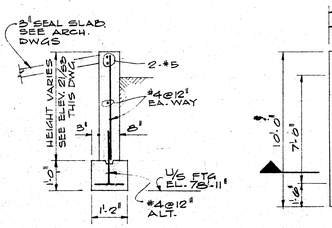



19 S3 S2 ½"=1'-0"

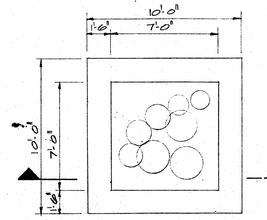



20 S3 S2 ½"=1'-0"

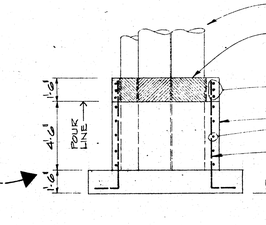
21 S3 S2 LINK WALKWAY SOUTH WALL FOOTING SCALE: ⅛"=1'-0"




22 S3 S2 ½"=1'-0"




PLAN




SECTION

PYLON SUPPORT DETAILS ¼"=1'-0"

NOTE:
SEE ARCH. DRAWINGS FOR LOCATION OF PYLON AND ORIENTATION OF POLES.

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST. VANCOUVER B.C. TELEPHONE 688-9861

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 2 | 28/11/76 | Revised to 'As Builts' |

PROJECT NO. 88857
DATE: APR 1/74 | SCALE: NOTED
DRAWN: GGP | CHECK: HC
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
FOUNDATION DETAILS
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
S2

PLAN

ELEVATION

3 / S2|S2 FOOTING 1 DETAIL

NORTH ENTRANCE
8th RAMP SLAB

WEST ENTRANCE
8th RAMP SLAB & PLANTERS

LEVEL 1 PLAN & SLAB ON GRADE

NOTE:
UNDERSIDE OF WALLS AT EL. 78'-11"
UNLESS NOTED OTHERWISE

TIE-BEAM SCHEDULE

| NO. | WIDTH | DEPTH | LENGTH | REINFORCING | STIRRUPS |
|---|---|---|---|---|---|
| TB1 | | | 21'-6" | | |
| TB2 | | | 1'-0" | | |
| TB3 | | | 20'-0" | | |
| TB4 | | | 30'-0" | | |
| TB5 | 12" | 6" | 8'-0" | 4 #6 LONG'L | #3 @ 12" |
| TB6 | | | 22'-0" | | |
| TB7 | | | 5'-2" | | |
| TB8 | | | 5'-5" | | |
| TB9 | | | 21'-0" | | |
| TB10 | | | 7'-5" | | |
| TB11 | | | 9'-8" | | |
| TB12 | | | 22'-2" | | |
| TB13 | 12" & 11" | 12" | 21'-0" | | |
| TB14 | 12" & 11" | 12" | 30'-0" | | |
| TB15 | | | 30'-3" | | |
| TB16 | | | 24'-6" | | |
| TB17 | | | 2'-0" | | |
| TB18 | | | 5'-5" | | |
| TB19 | | | 10'-0" | | |
| TB20 | | | 23'-5" | | |
| TB21 | 12" | 6" | 24'-0" | | |
| TB22 | | | 15'-0" | | |
| TB23 | | | 23'-5" | | |
| TB24 | | | 2'-0" | | |
| TB25 | | | 20'-5" | | |
| TB26 | | | 5'-6" | | |
| TB27 | | | 21'-2" | | |
| TB28 | | | 11'-0" | | |
| TB29 | | | 7'-0" | | |
| TB30 | | | 7'-5" | | |
| TB31 | | | 4'-6" | | |
| TB32 | | | 4'-4" | | |
| TB33 | | | 5'-4" | | |

1 / S2|S2 TYP. SECT.

2 / S2|S2 AT ELEVATORS

TYPICAL TIE-BEAM ELEVATION

TB13 & TB14 ELEVATION

GENERAL NOTES

1. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE 1970.
2. ALL FOUNDATIONS TO BEAR ON NATIVE MATERIAL HAVING A SAFE BEARING CAPACITY OF 2000 PSF.
3. FOR DESIGN LOADS SEE DRAWING S4.
4. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
5. CONCRETE PROTECTION TO REINFORCING STEEL TO BE AS SPECIFICATIONS.
6. REINFORCING STEEL:
   #3 & #4 BARS — GRADE 40
   #5 & LARGER — GRADE 60
7. SEE NOTES ON STRUCTURAL STEEL AND METAL DECKING SEE DRAWING S4.
8. REINFORCED MASONRY WALLS IN ACCORDANCE WITH THE NATIONAL BUILDING CODE SECTION 4.4. CONCRETE FILL SHALL BE 3000 PSI AT 28 DAYS WITH A MAXIMUM AGGREGATE SIZE OF 3/8".
9. READ WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND STRUCTURAL SPECIFICATIONS.
10. PROVIDE HORIZONTAL CORNER BARS TO MATCH SIZE AND SPACING OF HORIZONTAL REINFORCEMENT AT ALL WALL CORNERS, AND INTERSECTION OF WALLS. BARS TO BE 4'-0" LONG.
11. EXTERIOR EXTENSION OF INSULATION SHOWN THUS [ ] ON LEVEL 1 PLAN. FOR INSULATION DETAILS SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
12. SEE DIVISION 1 SPECIFICATIONS FOR STRUCTURAL STEEL SUBTRADE CONDITIONS.

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VANCOUVER B.C.

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 12/74 | ISSUED FOR PHASE 1 MAIN CONTRACT |
| 2 | 2/75 | Revised to As Built |

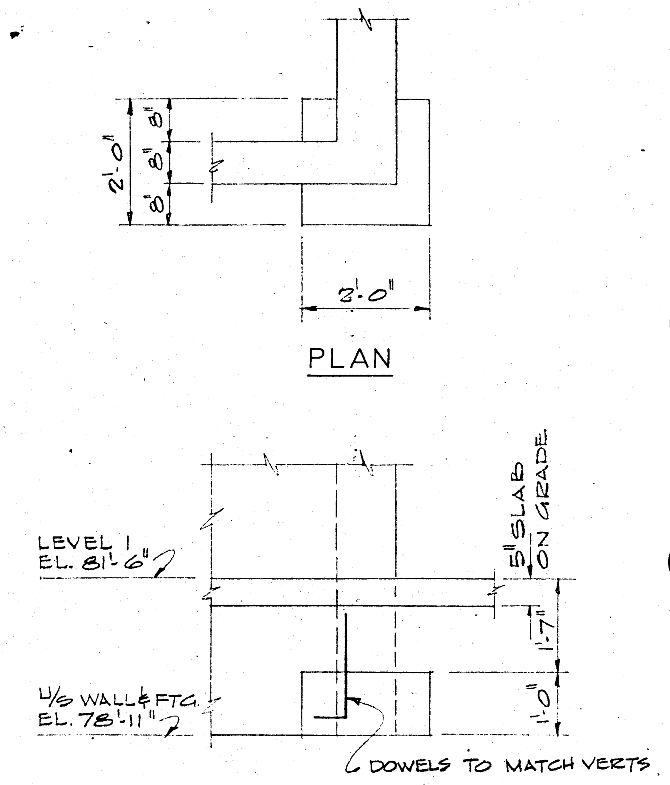
PROJECT NO. 89857
DATE APR 1/74 | SCALE NOTED
DRAWN GAF | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

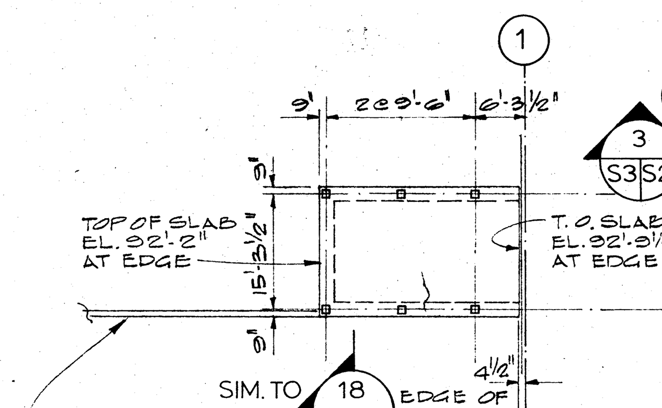
DRAWING TITLE
LEVEL 1 PLAN

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

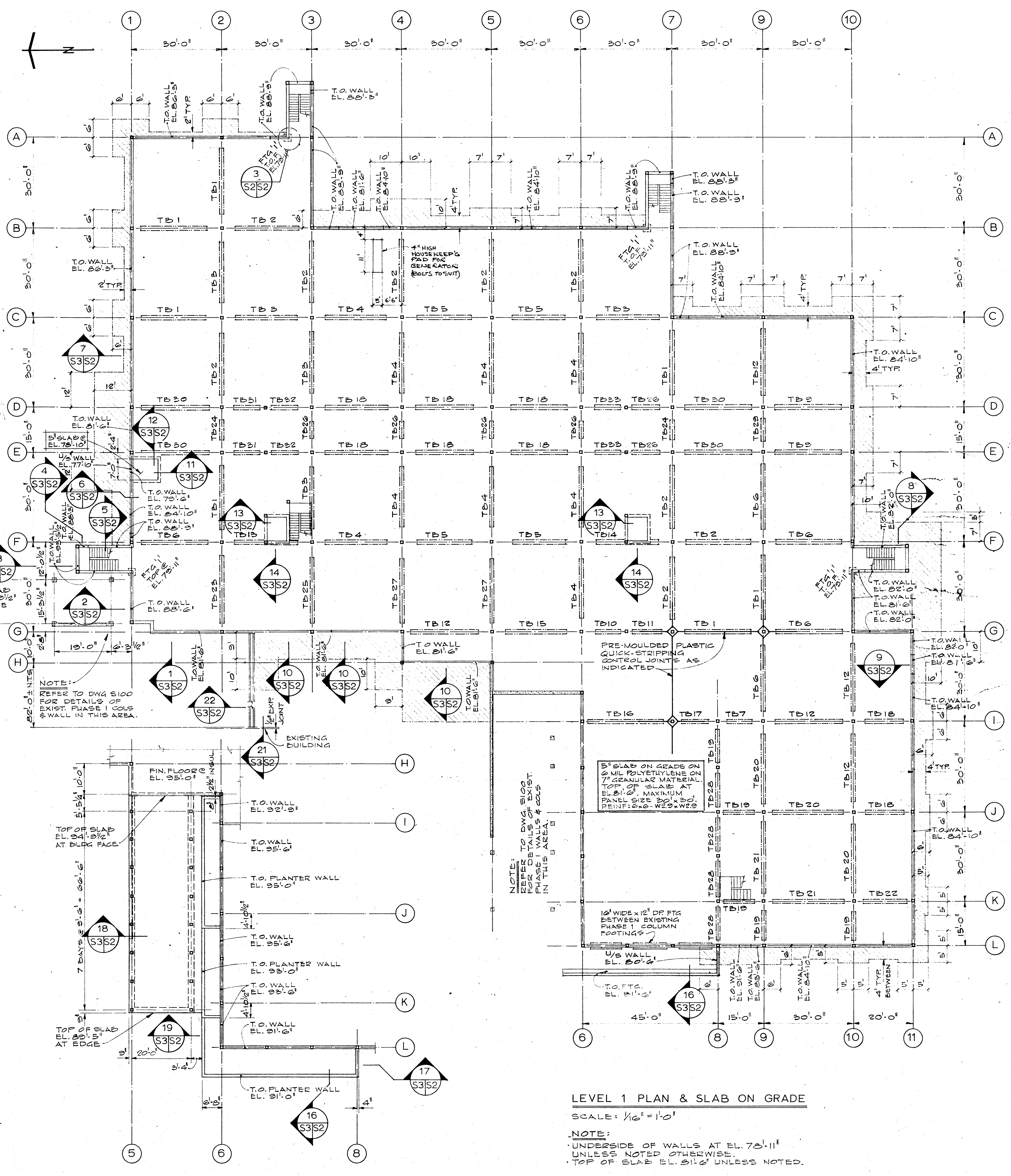
DRAWING NO.
S3




3 S2|S2 FOOTING 1 DETAIL 1/2" = 1'-0"




NORTH ENTRANCE
8" RAMP SLAB
SCALE: 1/16" = 1'-0"

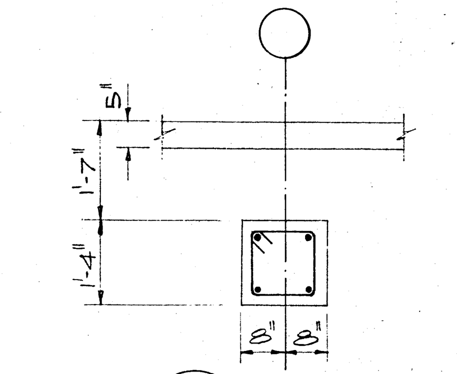



WEST ENTRANCE
8" RAMP SLAB & PLANTERS
SCALE: 1/16" = 1'-0"

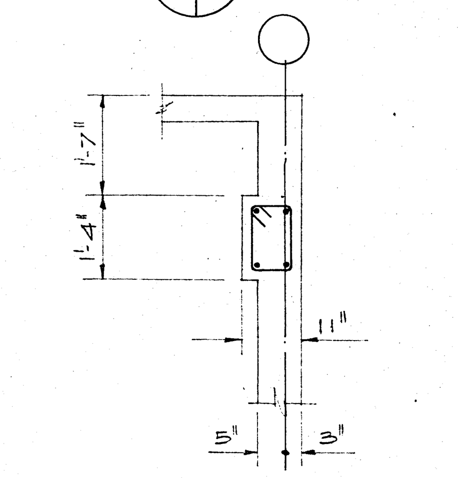
LEVEL 1 PLAN & SLAB ON GRADE
SCALE: 1/16" = 1'-0"

NOTE:
· UNDERSIDE OF WALLS AT EL. 78'-11" UNLESS NOTED OTHERWISE.
· TOP OF SLAB EL. 81'-6" UNLESS NOTED.

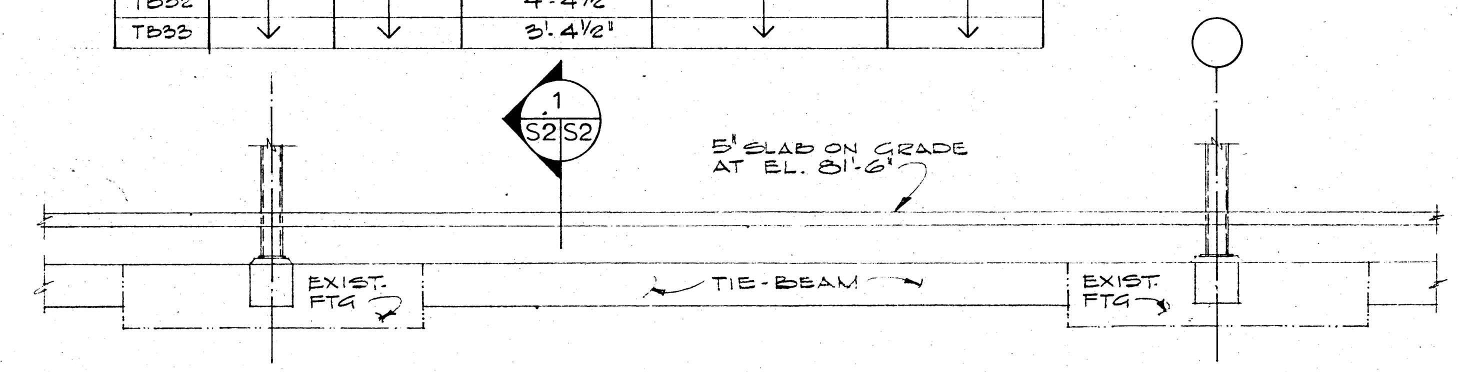
| TIE-BEAM SCHEDULE | | | | | |
|---|---|---|---|---|---|
| NO. | WIDTH | DEPTH | LENGTH | REINFORCING | STIRRUPS |
| TB1 | ↑ | ↑ | 21'-6" | ↑ | ↑ |
| TB2 | | | 21'-0" | | |
| TB3 | | | 20'-6" | | |
| TB4 | | | 20'-0" | | |
| TB5 | 16" | 16" | 18'-0" | 4-#6 LONGIT. | #3@12" |
| TB6 | | | 22'-0" | | |
| TB7 | | | 8'-3" | | |
| TB8 | | | 8'-9" | | |
| TB9 | | | 19'-0" | | |
| TB10 | | | 7'-9" | | |
| TB11 | | | 9'-3" | | |
| TB12 | ↓ | ↓ | 22'-6" | | |
| TB13 | 16"&11" | 16" | 21'-0" | | |
| TB14 | 16"&11" | 16" | 20'-0" | | |
| TB15 | ↑ | ↑ | 20'-9" | | |
| TB16 | | | 24'-6" | | |
| TB17 | | | 9'-0" | | |
| TB18 | | | 13'-3" | | |
| TB19 | | | 10'-0" | | |
| TB20 | | | 23'-3" | | |
| TB21 | 16" | 16" | 24'-0" | | |
| TB22 | | | 15'-0" | | |
| TB23 | | | 22'-9" | | |
| TB24 | | | 6'-6" | | |
| TB25 | | | 22'-3" | | |
| TB26 | | | 5'-6" | | |
| TB27 | | | 21'-9" | | |
| TB28 | | | 11'-0" | | |
| TB29 | | | 7'-6" | | |
| TB30 | | | 17'-6" | | |
| TB31 | | | 4'-6" | | |
| TB32 | | | 4'-4 1/2" | | |
| TB33 | ↓ | ↓ | 3'-4 1/2" | ↓ | ↓ |



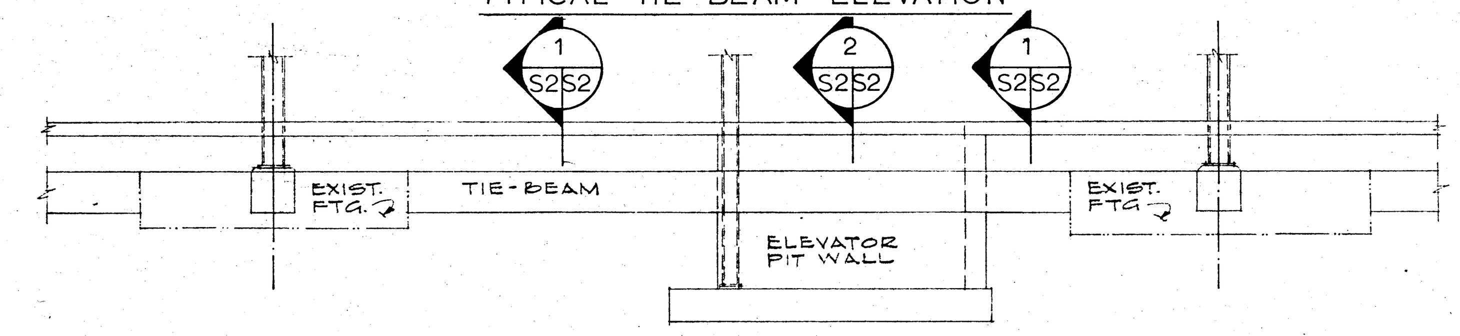

1 S2|S2 TYP. SECT. 1/2" = 1'-0"




2 S2|S2 AT ELEVATORS 1/2" = 1'-0"




TYPICAL TIE-BEAM ELEVATION




TB13 & TB14 ELEVATION

GENERAL NOTES

1. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE 1970.
2. ALL FOUNDATIONS TO BEAR ON NATIVE MATERIAL HAVING A SAFE BEARING CAPACITY OF 3500 P.S.F.
3. FOR DESIGN LOADS SEE DRAWING S4.
4. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.
5. CONCRETE PROTECTION TO REINFORCING STEEL TO BE AS SPECIFICATIONS.
6. REINFORCING STEEL:
   #3 & #4 BARS — GRADE 40
   #5 & LARGER — GRADE 60
7. FOR NOTES ON STRUCTURAL STEEL AND METAL DECKING SEE DRAWING S4.
8. REINFORCED MASONRY WALLS IN ACCORDANCE WITH THE NATIONAL BUILDING CODE, SECTION 4.4. CONCRETE FILL SHALL BE 3000 P.S.I. AT 28 DAYS WITH A MAXIMUM AGGREGATE SIZE OF 3/8".
9. READ WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND STRUCTURAL SPECIFICATIONS.
10. PROVIDE HORIZONTAL CORNER BARS TO MATCH SIZE AND SPACING OF HORIZONTAL REINFORCEMENT AT ALL WALL CORNERS AND INTERSECTION OF WALLS. BARS TO BE 1'-6 1'-6 3'-0" LONG.
11. EXTERIOR EXTENSION OF INSULATION SHOWN THUS [hatched box] ON LEVEL 1 PLAN. FOR INSULATION DETAILS SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
12. SEE DIVISION 1 SPECIFICATIONS FOR STRUCTURAL STEEL SUBTRADE CONDITIONS.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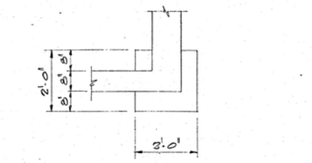
| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 2 | 78/10/06 | Revised to 'As Builts' |

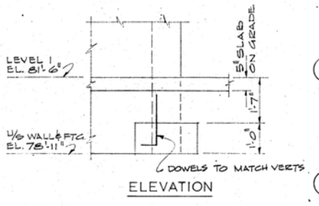
| PROJECT NO. 89857 | |
|---|---|
| DATE APR 1/74 | SCALE NOTED |
| DRAWN GCP | CHECK H.C. |
| APPROVED [signature] | |

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL 1 PLAN
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING, WHITEHORSE, Y.T.
DRAWING NO. S3

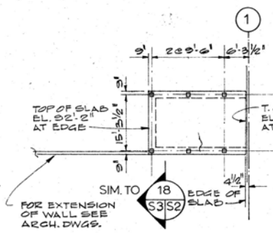



PLAN

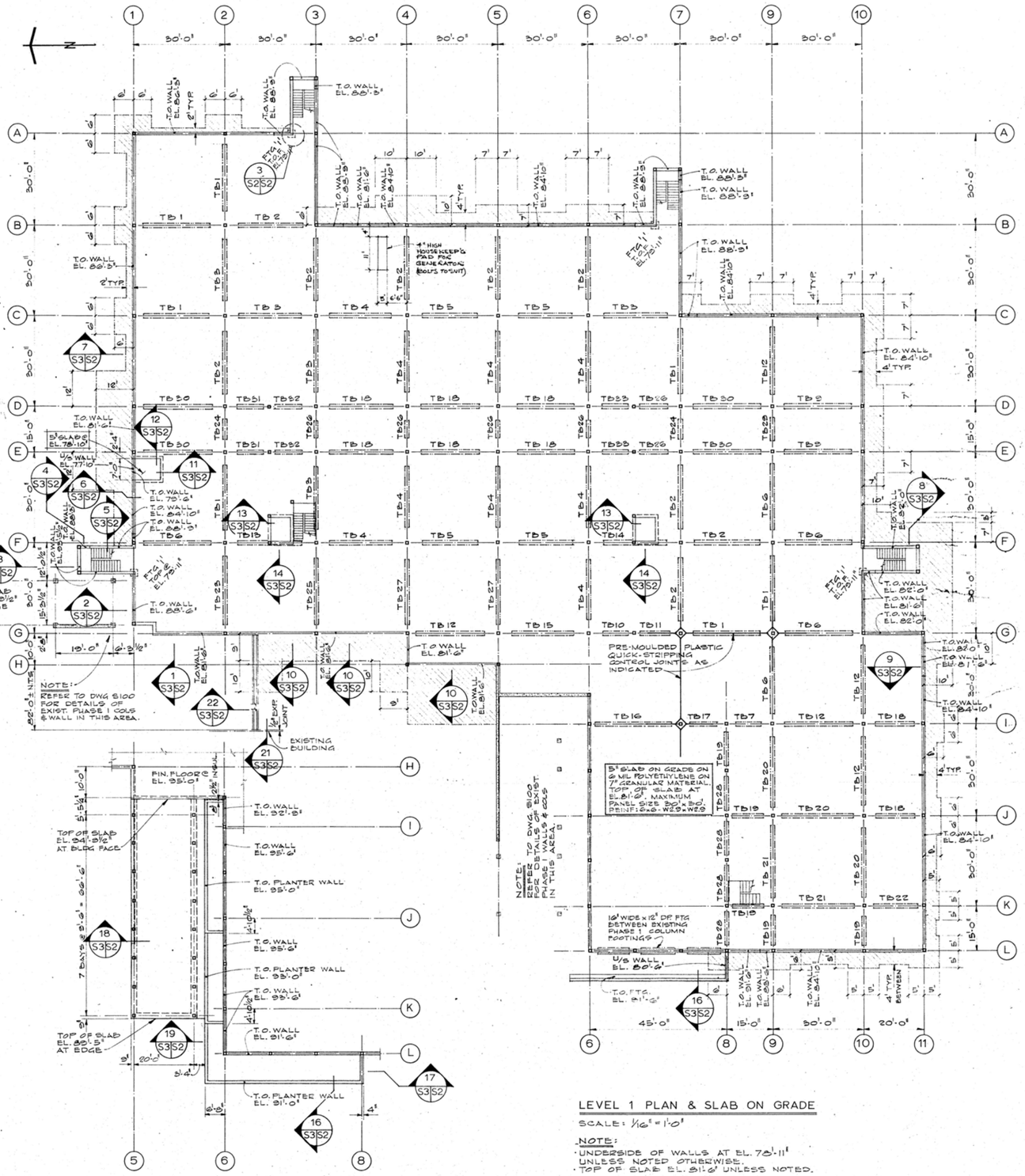



ELEVATION

3 S2|S2 FOOTING 1 DETAIL
1/2"=1'-0"




NORTH ENTRANCE
8" RAMP SLAB
SCALE: 1/16"=1'-0"




LEVEL 1 PLAN & SLAB ON GRADE
SCALE: 1/16"=1'-0"

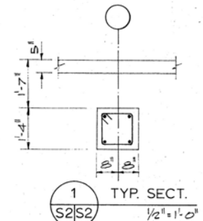
NOTE:
- UNDERSIDE OF WALLS AT EL. 78'-11" UNLESS NOTED OTHERWISE.
- TOP OF SLAB EL. 81'-6" UNLESS NOTED.



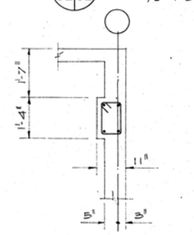

WEST ENTRANCE
8" RAMP SLAB & PLANTERS
SCALE: 1/16"=1'-0"

## TIE-BEAM SCHEDULE

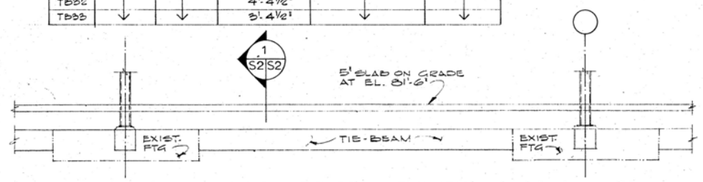
| NO. | WIDTH | DEPTH | LENGTH | REINFORCING | STIRRUPS |
|---|---|---|---|---|---|
| TB1 | | | 21'-6" | | |
| TB2 | | | 21'-0" | | |
| TB3 | | | 20'-0" | | |
| TB4 | | | 20'-0" | | |
| TB5 | 16" | 16" | 18'-0" | 4-#6 LONGIT. | #3@12" |
| TB6 | | | 22'-0" | | |
| TB7 | | | 8'-3" | | |
| TB8 | | | 8'-3" | | |
| TB9 | | | 19'-0" | | |
| TB10 | | | 7'-3" | | |
| TB11 | | | 9'-3" | | |
| TB12 | | | 22'-6" | | |
| TB13 | 16"&11" | 16" | 21'-0" | | |
| TB14 | 16"&11" | 16" | 20'-0" | | |
| TB15 | | | 20'-3" | | |
| TB16 | | | 24'-6" | | |
| TB17 | | | 9'-0" | | |
| TB18 | | | 13'-3" | | |
| TB19 | | | 10'-0" | | |
| TB20 | | | 23'-3" | | |
| TB21 | 16" | 16" | 24'-0" | | |
| TB22 | | | 15'-0" | | |
| TB23 | | | 22'-9" | | |
| TB24 | | | 6'-6" | | |
| TB25 | | | 22'-3" | | |
| TB26 | | | 5'-6" | | |
| TB27 | | | 21'-9" | | |
| TB28 | | | 11'-0" | | |
| TB29 | | | 7'-6" | | |
| TB30 | | | 17'-6" | | |
| TB31 | | | 4'-6" | | |
| TB32 | | | 4'-4½" | | |
| TB33 | | | 3'-4½" | | |



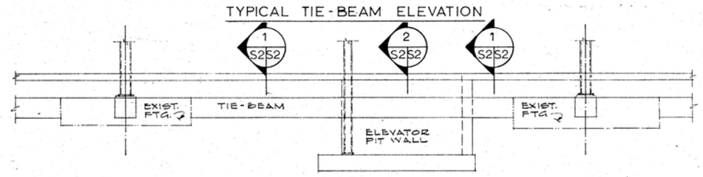

1 S2|S2 TYP. SECT.
1/2"=1'-0"




2 S2|S2 AT ELEVATORS
1/2"=1'-0"




TYPICAL TIE-BEAM ELEVATION




TB13 & TB14 ELEVATION

## GENERAL NOTES

1. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE 1970.
2. ALL FOUNDATIONS TO BEAR ON NATIVE MATERIAL HAVING A SAFE BEARING CAPACITY OF 3500 P.S.F.
3. FOR DESIGN LOADS SEE DRAWING S4.
4. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.
5. CONCRETE PROTECTION TO REINFORCING STEEL TO BE AS SPECIFICATIONS.
6. REINFORCING STEEL:
   #3 & #4 BARS — GRADE 40
   #5 & LARGER — GRADE 60
7. FOR NOTES ON STRUCTURAL STEEL AND METAL DECKING SEE DRAWING S4.
8. REINFORCED MASONRY WALLS IN ACCORDANCE WITH THE NATIONAL BUILDING CODE, SECTION 4.4. CONCRETE FILL SHALL BE 3000 P.S.I. AT 28 DAYS WITH A MAXIMUM AGGREGATE SIZE OF 3/8".
9. READ WITH ARCHITECTUAL, MECHANICAL AND ELECTRICAL DRAWINGS AND STRUCTURAL SPECIFICATIONS.
10. PROVIDE HORIZONTAL CORNER BARS TO MATCH SIZE AND SPACING OF HORIZONTAL REINFORCEMENT AT ALL WALL CORNERS AND INTERSECTION OF WALLS. BARS TO BE 6'-0" LONG.
11. EXTERIOR EXTENSION OF INSULATION SHOWN THUS ▨ ON LEVEL 1 PLAN. FOR INSULATION DETAILS SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
12. SEE DIVISION 1 SPECIFICATIONS FOR STRUCTURAL STEEL SUBSTRADE CONDITIONS.

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST. VANCOUVER B.C. TELEPHONE 688-9861

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 2 | 2/11/00 | Revised to 'As Built's' |

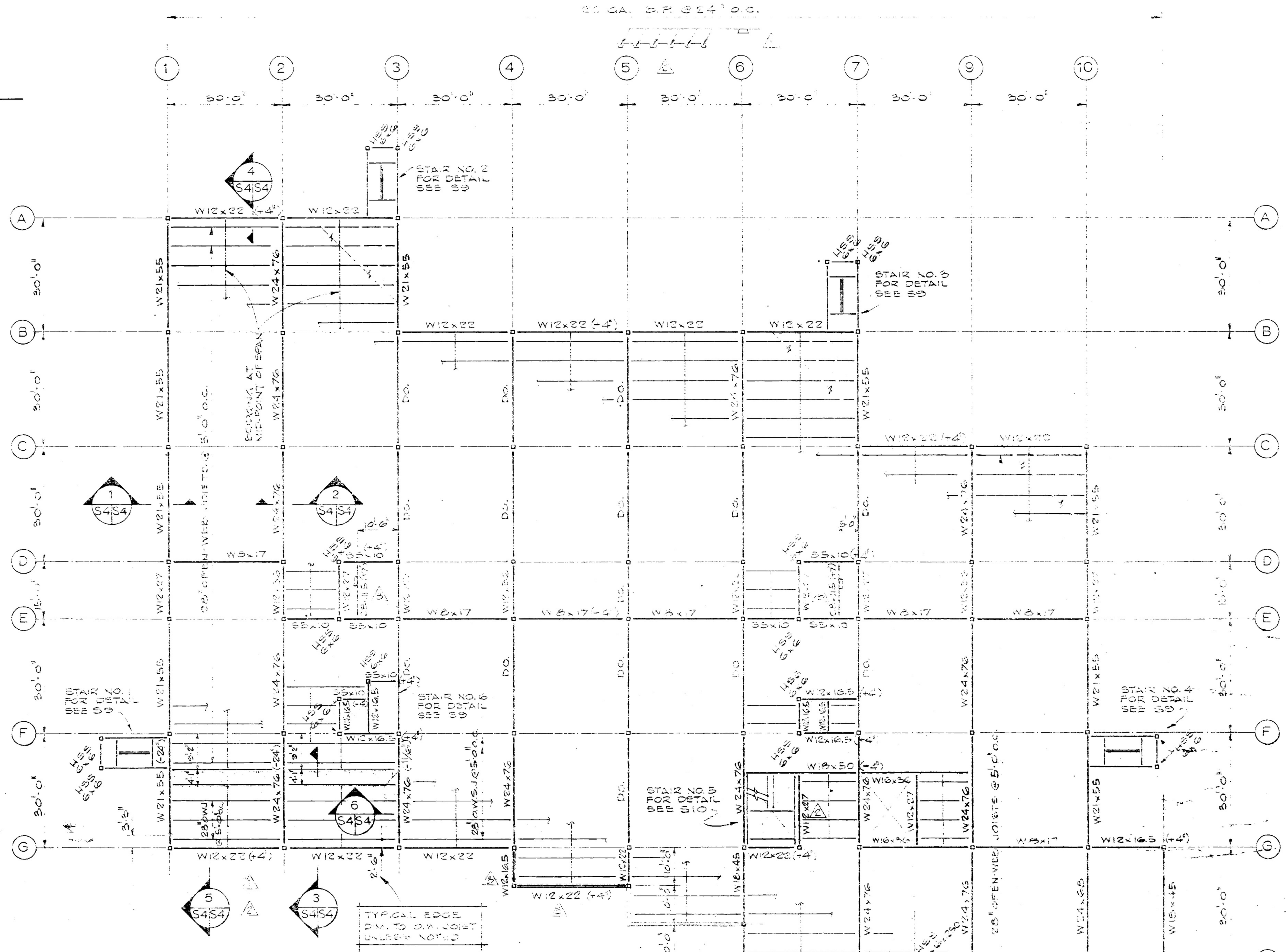
PROJECT NO. 89857
DATE APR 1/74 | SCALE NOTED
DRAWN RCP | CHECK H.C.
APPROVED

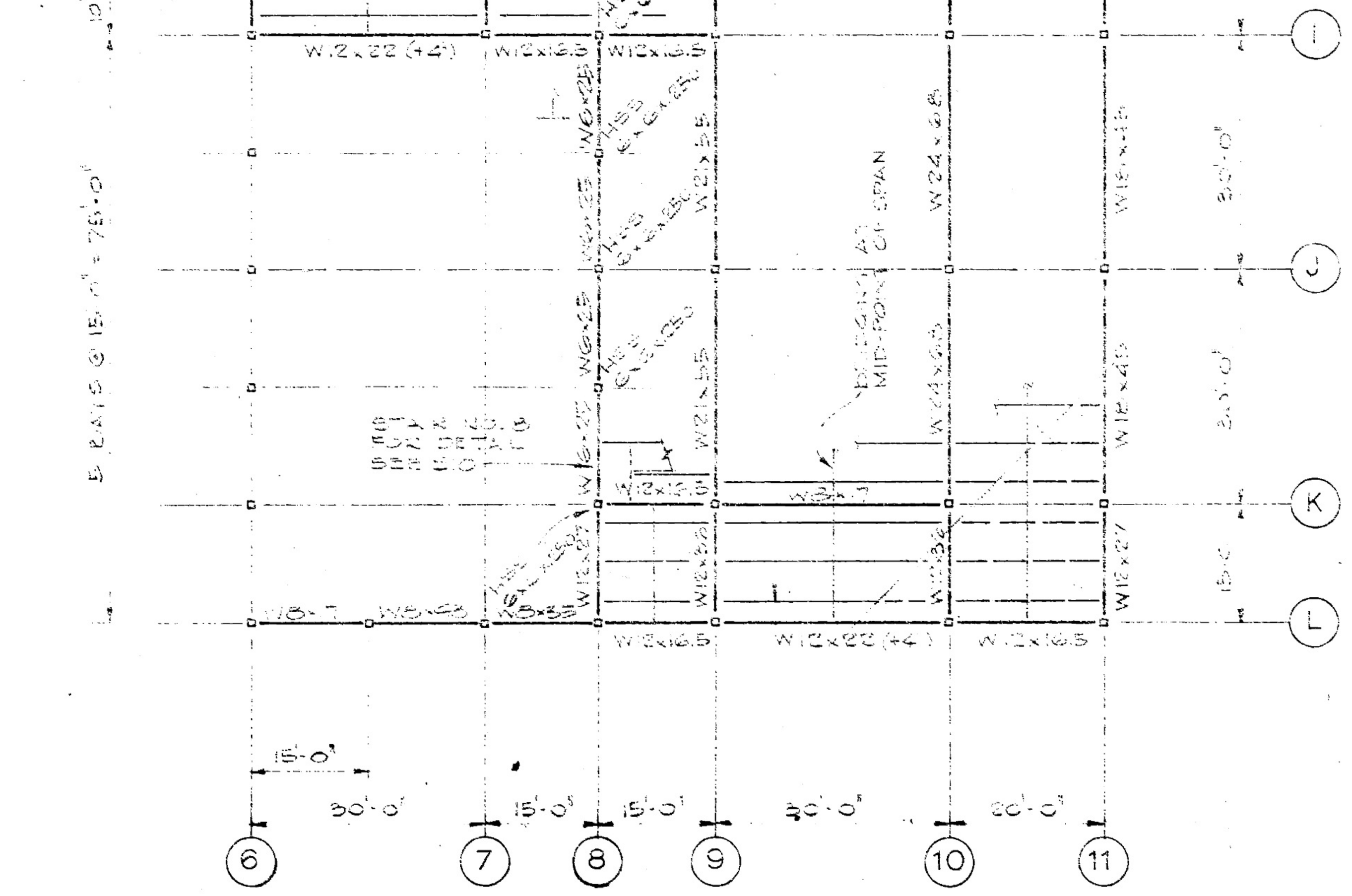
GOVERNMENT OF THE YUKON TERRITORY

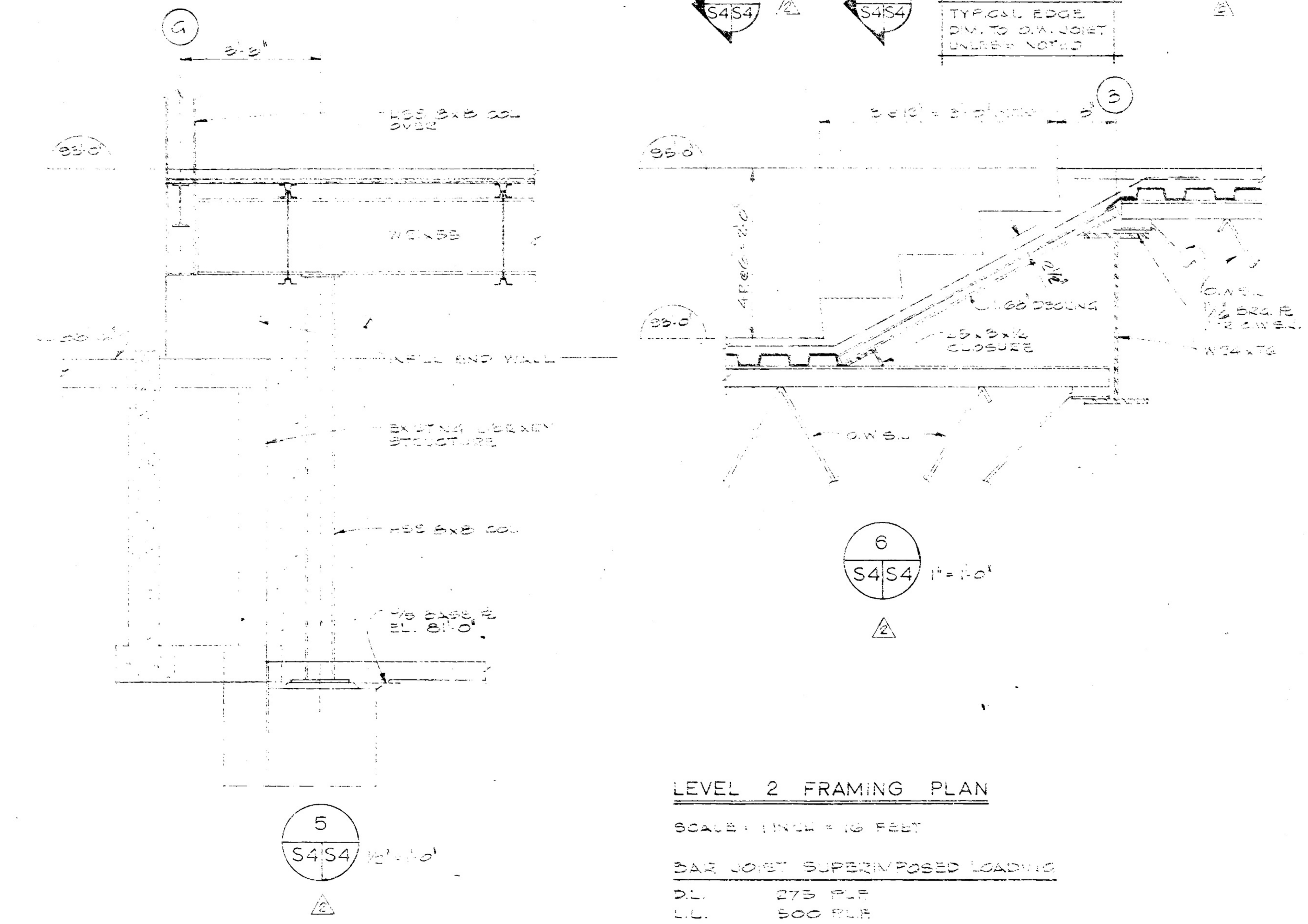
DRAWING TITLE
LEVEL 1 PLAN

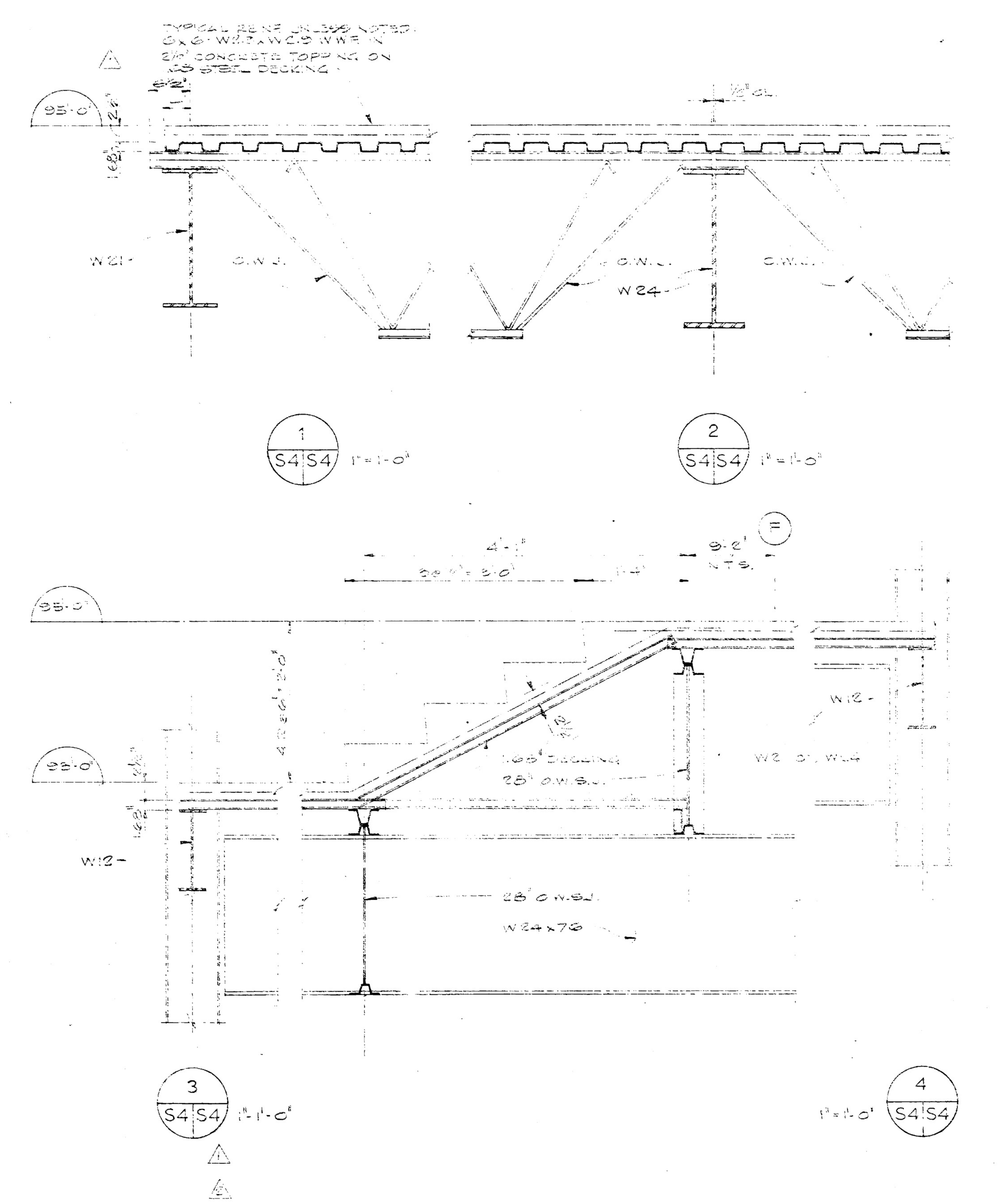
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO. S3






## LEVEL 2 FRAMING PLAN

SCALE: 1 INCH = 16 FEET

BAR JOIST SUPERIMPOSED LOADING

D.L. 275 PLF
L.L. 500 PLF

| COLUMN SCHEDULE | | |
|---|---|---|
| SIZE | LOCATION | NO. REQ'D. |
| HSS 8x8x.375 | B2, C2, C3, C4, C5, C6, D3, D4, D5, D6, E3, E4, E5, E6, F3, F4, F5, F6, F7, G6. | TOTAL - 20 |
| HSS 8x8x.250 | ALL COLUMNS NOT OTHERWISE CALLED IN COLUMN SCHEDULE OR IN PLAN | TOTAL - 62 |
| HSS 6x6x.250 | SEE PLAN FOR LOCATION | TOTAL - 22 |

## STRUCTURAL STEEL NOTES

1. LOADINGS — NATIONAL BUILDING CODE 1970.
   LIVE LOADS: ROOFS SNOW — 0.8x27 PSF PLUS BUILD UP
   MECH. PENTHOUSE — 150 & 80 PSF
   FLOORS — 100 & 75 PSF
   STAIRS, CORRIDORS — 100 PSF
   EARTHQUAKE ZONE 3;
2. DESIGN — MEMBERS AND CONNECTIONS TO BE IN ACCORDANCE WITH CSA S16
3. WELDING SHALL CONFORM TO CSA W59. FABRICATOR TO BE FULLY APPROVED BY CANADIAN WELDING BUREAU TO REQUIREMENTS OF CSA W47.
4. WORKMANSHIP & FABRICATION TO BE IN ACCORDANCE WITH CSA S16.
5. ALL STRUCTURAL STEEL PLATE, SHAPES & BARS TO CSA G40.21-44W. ALL HOLLOW SECTIONS TO CSA G40.5 G40.6 & G40.7, GRADE 50. ALL OPEN WEB JOISTS TO CSA G40.21-44W, G40.14, GRADE 50, 55 & 60.
6. ALL BOLTED CONNECTIONS TO BE HI-TENSILE BOLTS TO ASTM A325 OR A490. CONNECTIONS FOR BEAMS TO BE DESIGNED FOR 1/2 TOTAL ALLOWABLE LOAD UNLESS SHOWN OTHERWISE.
7. ALL STEELWORK TO RECEIVE ONE SHOP COAT AND FIELD TOUCH-UP.
8. THE FINAL STRUCTURE RECEIVES HORIZONTAL TRANSFER OF LATERAL FORCES FROM DIAPHRAGM ACTION THROUGH CONCRETE-FILLED DECK WHERE CONCRETE FILL INDICATED AND THROUGH METAL DECK WHERE CONCRETE FILL NOT PROVIDED. THE STEEL ERECTOR SHALL PROVIDE SUCH TEMPORARY BRACING AS MAY BE REQUIRED FOR STABILITY UNTIL THE FINAL AS-DESIGNED STRUCTURE IS COMPLETE.

## METAL DECKING

1. METAL DECKING TO BE 20 ga. GRADE B (f allow = 22400 PSI) GALVANIZED STEEL DECKING OR EQUAL, AS SHOWN ON THE DRAWINGS. DECKING TO BE CONTINUOUS OVER 3 SPANS WHERE POSSIBLE.
2. WELDING, BUTTON PUNCHING AND WELDED STUDS TO BE IN STRICT ACCORDANCE WITH THE DRAWINGS. WHEN ZINC COATING BURNED BY THE WELDS THE AREA SHALL BE COATED AS SPECIFIED.
3. PUDDLE WELDS SHALL BE 1/2" EFFECTIVE AND BUTTON PUNCHING TO BE AS SHOWN. STEEL STUDS FOR DIAPHRAGM ACTION TO BE AS SHOWN.

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MELVILLE ST. VANCOUVER B.C.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — J. BOHLMAN

| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | GENERAL REVISION - ISSUED TO DOMINION BRIDGE |
| 1/2 | 5/2/74 | HOLD AREAS RELEASED WITH MODIFICATIONS; SECTIONS ADDED. |
| 3 | 22/3/74 | BEAM ELEVS. REVISED FOR O.W. JOIST BEARINGS, BEAMS ADDED. |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 19/10/06 | Revised to 'As Builts' |

| PROJECT NO. 89857 | |
|---|---|
| DATE NOV. 16/73 | SCALE NOTED |
| DRAWN GCP | CHECK HC |
| APPROVED | |

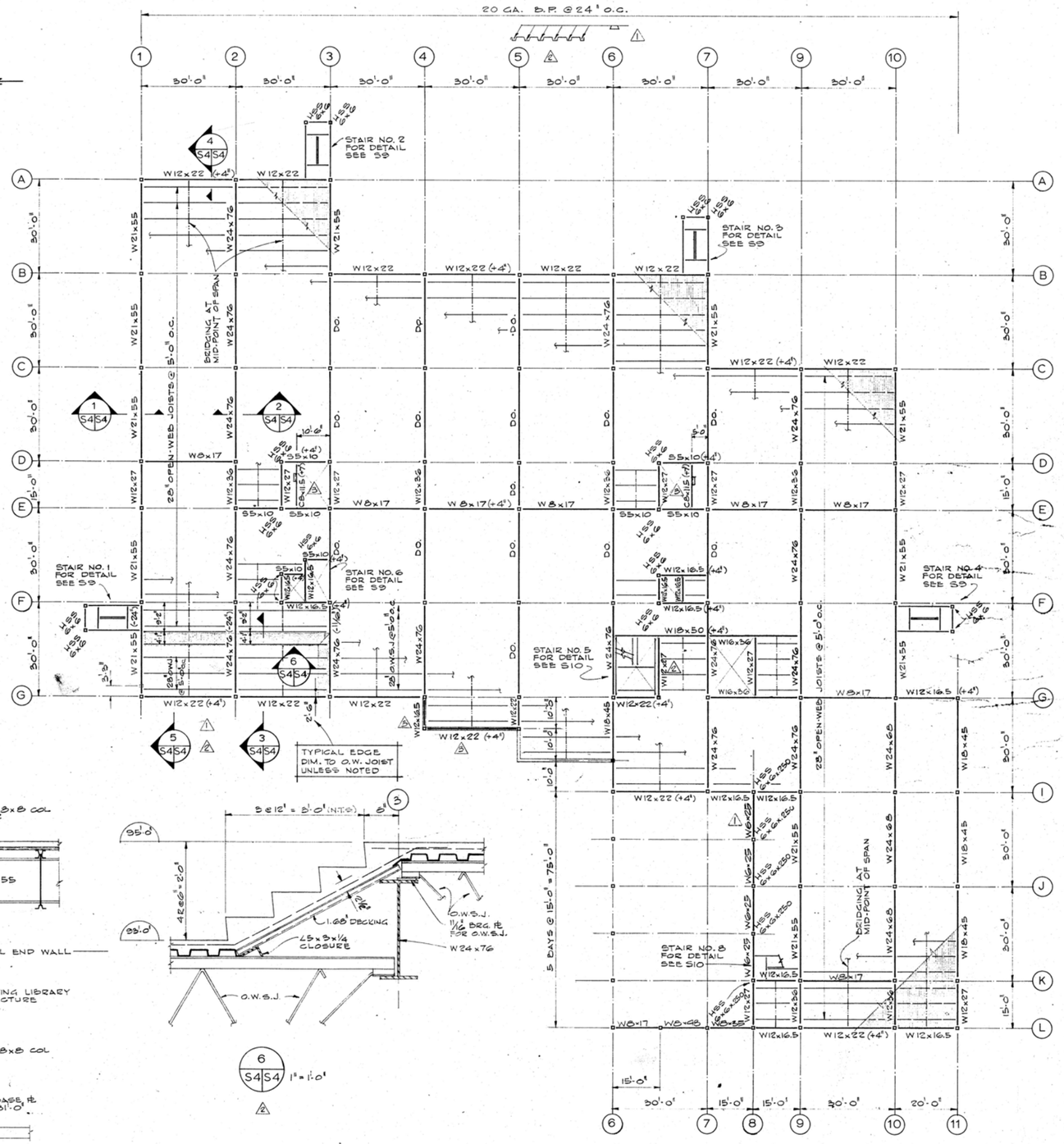
GOVERNMENT OF THE YUKON TERRITORY

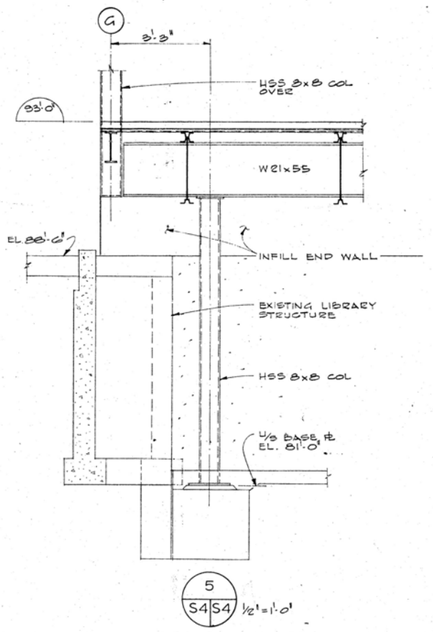
DRAWING TITLE: LEVEL 2 FRAMING

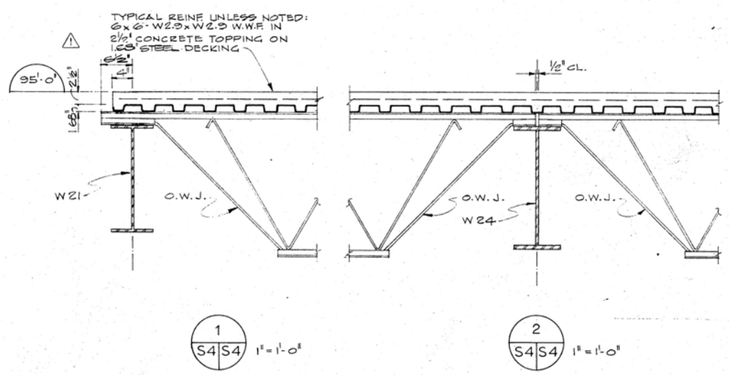
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING, WHITEHORSE, Y.T.

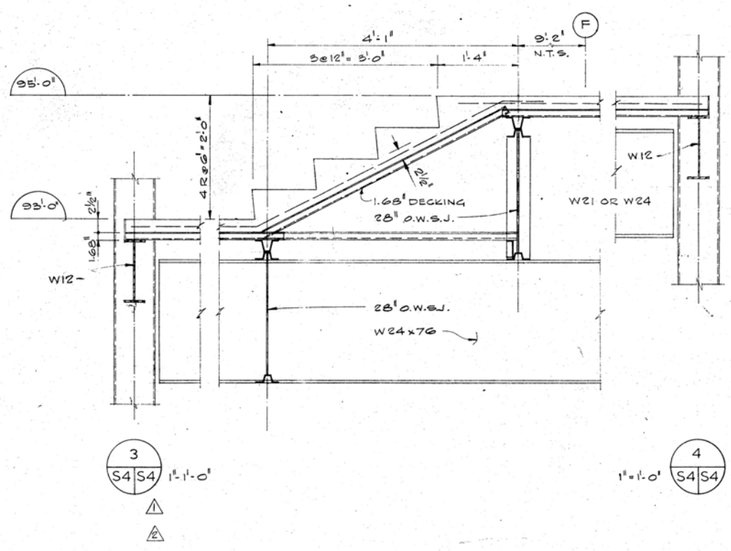
DRAWING NO. S4

75




## STRUCTURAL STEEL NOTES

1. LOADINGS — NATIONAL BUILDING CODE 1970.
   LIVE LOADS: ROOFS SNOW — S=27 PSF PLUS BUILDUP
   MECH. PENTHOUSE — 150 & 50 PSF
   FLOORS — 100 & 75 PSF
   STAIRS, CORRIDORS — 100 PSF
   EARTHQUAKE ZONE 3
2. DESIGN — MEMBERS AND CONNECTIONS TO BE IN ACCORDANCE WITH CSA S16
3. WELDING SHALL CONFORM TO CSA W59. FABRICATOR TO BE FULLY APPROVED BY CANADIAN WELDING BUREAU TO REQUIREMENTS OF CSA W47.
4. WORKMANSHIP & FABRICATION TO BE IN ACCORDANCE WITH CSA S16.
5. ALL STRUCTURAL STEEL PLATE, SHAPES & BARS TO CSA G40.21-44W. ALL HOLLOW SECTIONS TO CSA G40.15, G40.16 & G40.17, GRADE 50. ALL OPEN WEB JOISTS TO CSA G40.21-44W, G40.14, GRADE 50,55 & 60.
6. ALL BOLTED CONNECTIONS TO BE HI-TENSILE BOLTS TO ASTM A325 OR A490. CONNECTIONS FOR BEAMS TO BE DESIGNED FOR ½ TOTAL ALLOWABLE LOAD UNLESS SHOWN OTHERWISE.
7. ALL STEELWORK TO RECEIVE ONE SHOP COAT AND FIELD TOUCH-UP.
8. THE FINAL STRUCTURE RECEIVES HORIZONTAL TRANSFER OF LATERAL FORCES FROM DIAPHRAGM ACTION THROUGH CONCRETE-FILLED DECK WHERE CONCRETE FILL INDICATED AND THROUGH METAL DECK WHERE CONCRETE FILL NOT PROVIDED. THE STEEL ERECTOR SHALL PROVIDE SUCH TEMPORARY BRACING AS MAY BE REQUIRED FOR STABILITY UNTIL THE FINAL AS-DESIGNED STRUCTURE IS COMPLETE.

## METAL DECKING

1. METAL DECKING TO BE 20 ga. GRADE B (F ALLOW = 22400 PSI) GALVANIZED STEEL DECKING OR EQUAL, AS SHOWN ON THE DRAWINGS. DECKING TO BE CONTINUOUS OVER 3 SPANS WHERE POSSIBLE.
2. WELDING, BUTTON PUNCHING AND WELDED STUDS TO BE IN STRICT ACCORDANCE WITH THE DRAWINGS. WHEN ZINC COATING BURNED BY THE WELDS THE AREA SHALL BE COATED AS SPECIFIED.
3. PUDDLE WELDS SHALL BE ½" EFFECTIVE AND BUTTON PUNCHING TO BE AS SHOWN. STEEL STUDS FOR DIAPHRAGM ACTION TO BE AS SHOWN.

## LEVEL 2 FRAMING PLAN

SCALE: 1 INCH = 16 FEET

BAR JOIST SUPERIMPOSED LOADING

D.L. 275 PLF
L.L. 500 PLF

| COLUMN SCHEDULE | | |
|---|---|---|
| SIZE | LOCATION | NO. REQ'D. |
| HSS 8x8x.375 | B2, C2, C3, C4, C5, C6, D3, D4, D5, D6, E3, E4, E5, E6, F3, F4, F5, F6, F7, G6. | TOTAL - 20 |
| HSS 8x8x.250 | ALL COLUMNS NOT OTHERWISE CALLED IN COLUMN SCHEDULE OR IN PLAN. | TOTAL - 62 |
| HSS 6x6x.250 | SEE PLAN FOR LOCATION. | TOTAL - 22 |

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA — L. C. BOHLMAN

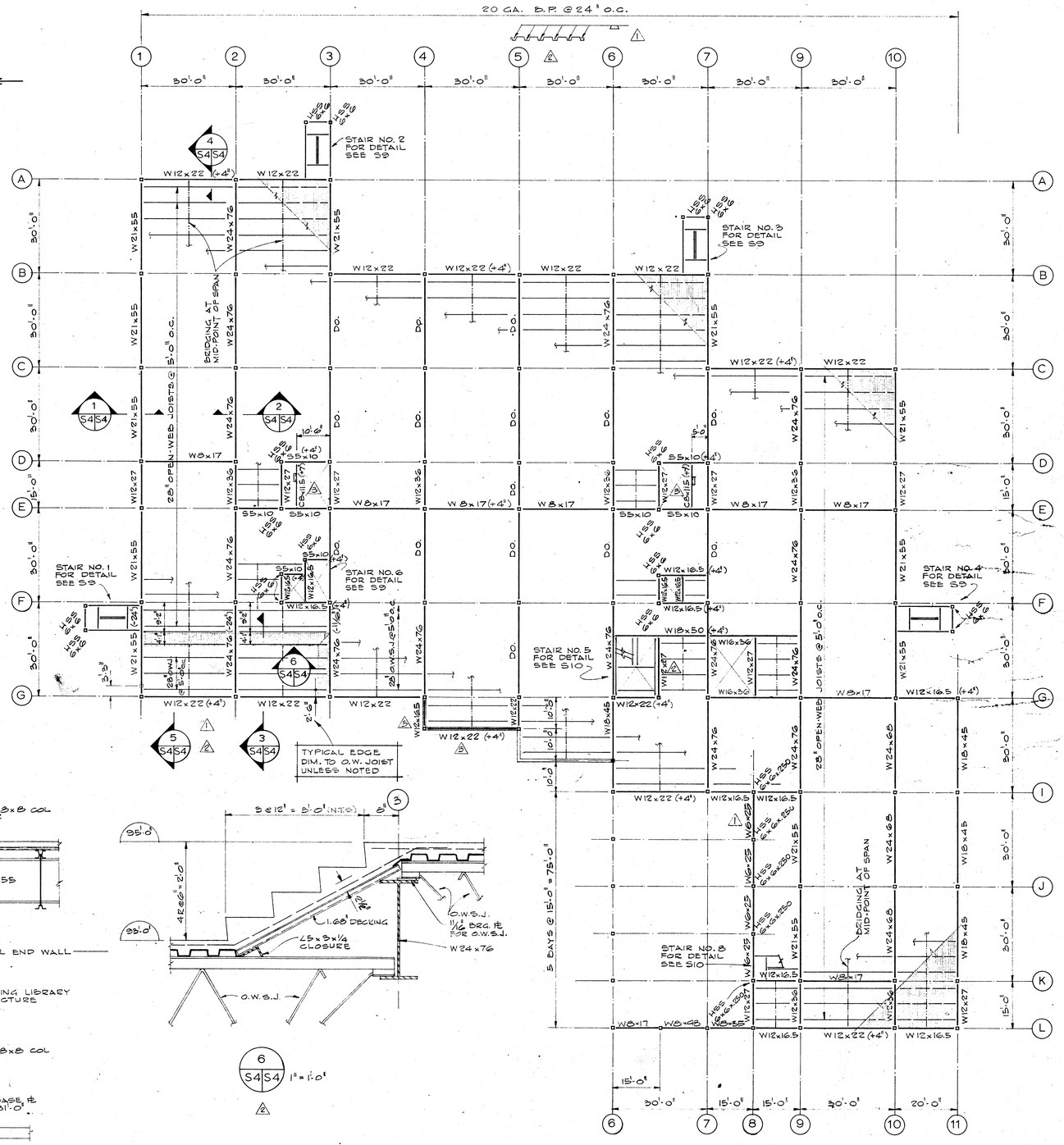
REVISIONS

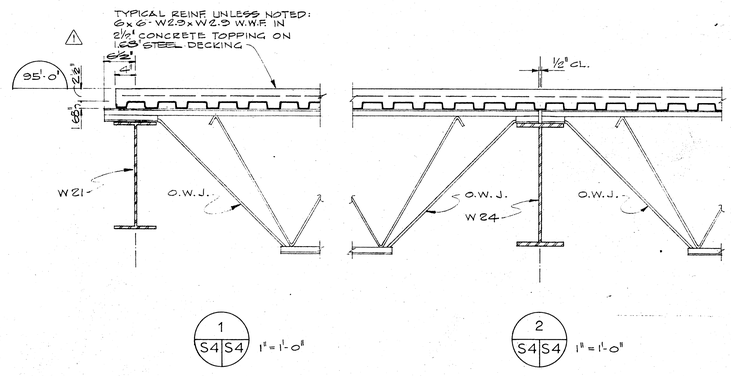
| NO | DATE | DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | GENERAL REVISION - ISSUED TO DOMINION BRIDGE |
| 2 | 5/2/74 | HOLD AREAS RELEASED WITH MODIFICATIONS; SECTIONS ADDED. |
| 3 | 22/3/74 | BEAM ELEVS. REVISED FOR O.W. JOIST BEARING; 2 BEAMS ADDED. |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 28/10/06 | Revised to 'As Builts' |

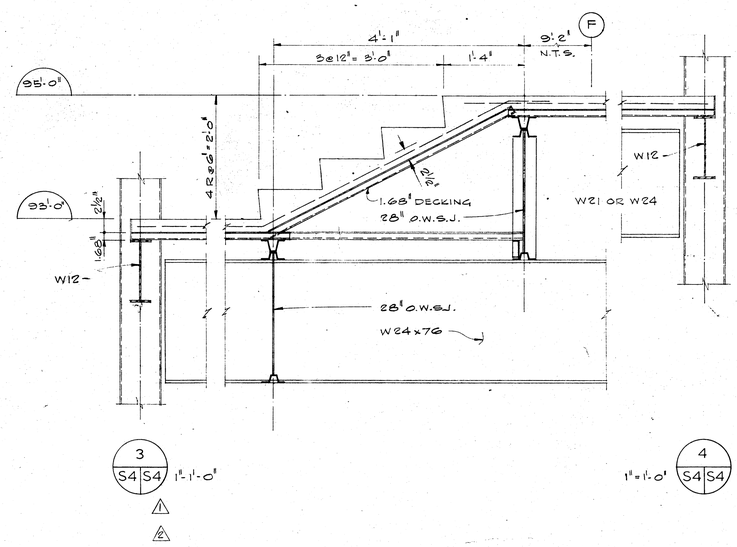
PROJECT NO. 89857
DATE NOV. 16/73 | SCALE NOTED
DRAWN GCP | CHECK HC
APPROVED LCB

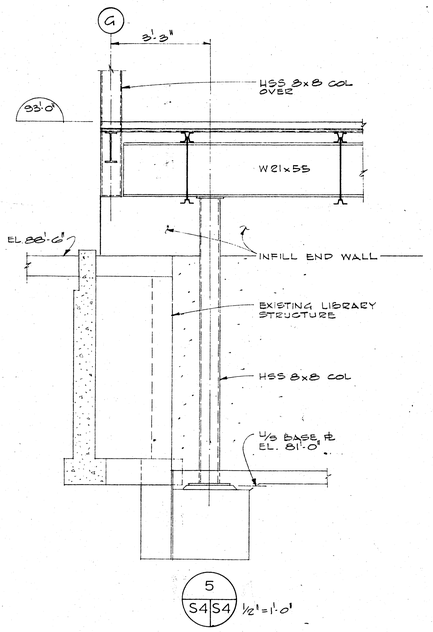
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL 2 FRAMING
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.
DRAWING NO. S2







## LEVEL 2 FRAMING PLAN

SCALE: 1 INCH = 16 FEET

BAR JOIST SUPERIMPOSED LOADING

D.L. 275 P.L.F.
L.L. 500 P.L.F.

| COLUMN SCHEDULE | | |
|---|---|---|
| SIZE | LOCATION | NO. REQ'D. |
| HSS 8x8x.375 | B2, C2, C3, C4, C5, C6, D3, D4, D5, D6, E3, E4, E5, E6, F3, F4, F5, F6, F7, G6. | TOTAL - 20 |
| HSS 8x8x.250 | ALL COLUMNS NOT OTHERWISE CALLED IN COLUMN SCHEDULE OR IN PLAN. | TOTAL - 62 |
| HSS 6x6x.250 | SEE PLAN FOR LOCATION. | TOTAL - 22 |

## STRUCTURAL STEEL NOTES

1. LOADINGS — NATIONAL BUILDING CODE 1970.
   LIVE LOADS: ROOFS SNOW — 8x27 P.S.F. PLUS BUILDUP
   MECH. PENTHOUSE — 150 & 50 PSF
   FLOORS — 100 & 75 PSF
   STAIRS, CORRIDORS — 100 PSF
   EARTHQUAKE ZONE 2
2. DESIGN — MEMBERS AND CONNECTIONS TO BE IN ACCORDANCE WITH CSA S16
3. WELDING SHALL CONFORM TO CSA W59. FABRICATOR TO BE FULLY APPROVED BY CANADIAN WELDING BUREAU TO REQUIREMENTS OF CSA W47.
4. WORKMANSHIP & FABRICATION TO BE IN ACCORDANCE WITH CSA S16.
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6. ALL BOLTED CONNECTIONS TO BE HI-TENSILE BOLTS TO ASTM A325 OR A490. CONNECTIONS FOR BEAMS TO BE DESIGNED FOR ½ TOTAL ALLOWABLE LOAD UNLESS SHOWN OTHERWISE.
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## METAL DECKING

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2. WELDING, BUTTON PUNCHING AND WELDED STUDS TO BE IN STRICT ACCORDANCE WITH THE DRAWINGS. WHEN ZINC COATING BURNED BY THE WELDS THE AREA SHALL BE COATED AS SPECIFIED.
3. PUDDLE WELDS SHALL BE ½" EFFECTIVE AND BUTTON PUNCHING TO BE AS SHOWN. STEEL STUDS FOR DIAPHRAGM ACTION TO BE AS SHOWN.


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PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — L. C. BOHLMAN

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 4/1/74 | GENERAL REVISON - ISSUED TO DOMINION BRIDGE |
| 2 | 5/2/74 | HOLD AREAS RELEASED WITH MODIFICATIONS; SECTIONS ADDED. |
| 3 | 22/5/74 | BEAM ELEVS. REVISED FOR O.W. JOIST BEARING; 2 BEAMS ADDED. |
| 4 | 1/6/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 28/10/06 | Revised to 'As Builts' |

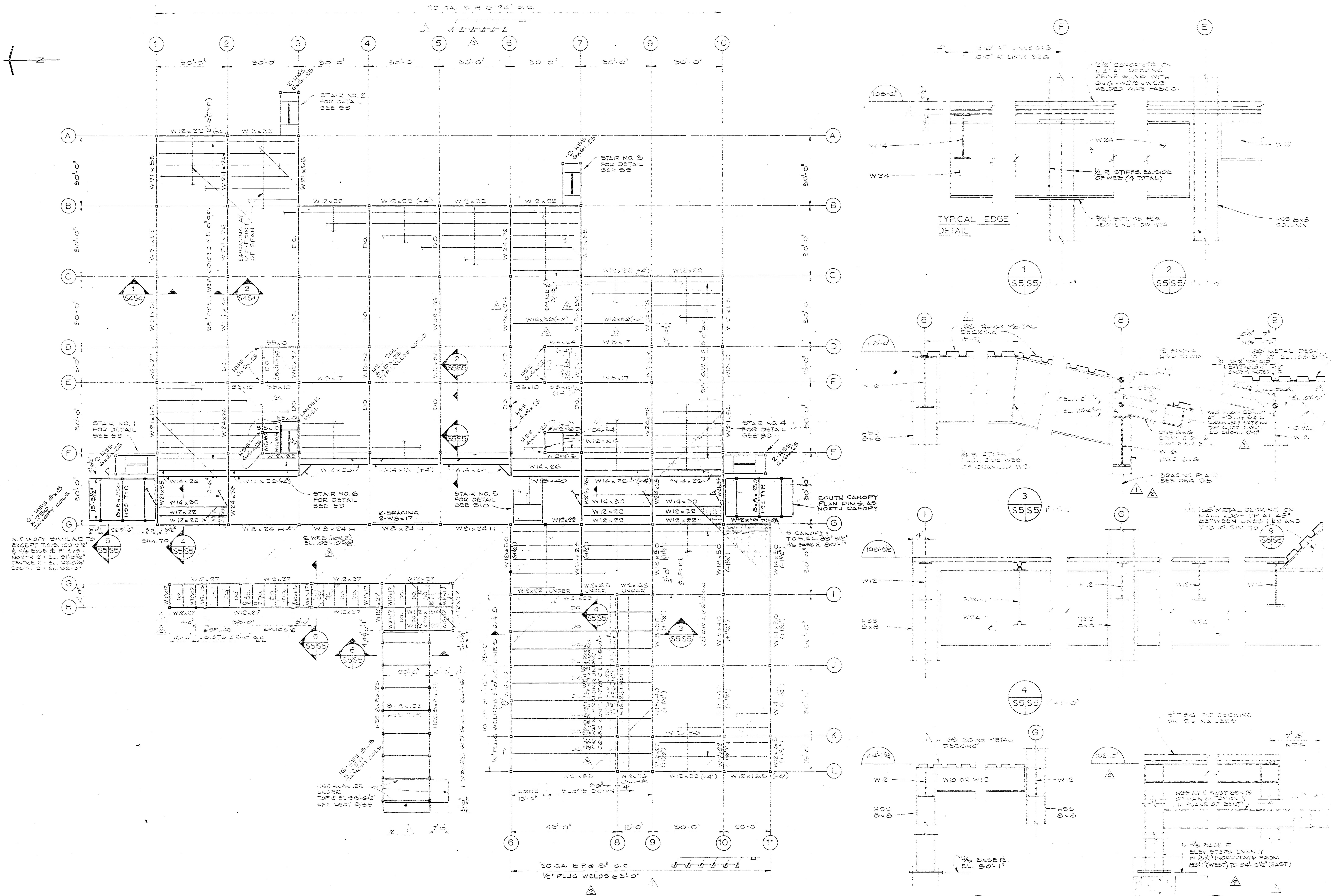
| | |
|---|---|
| PROJECT NO. | 89857 |
| DATE | NOV. 16/73 |
| SCALE | NOT TO SCALE |
| DRAWN | GCP |
| CHECK | HC |
| APPROVED | L.C.B. |

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL 2 FRAMING

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

DRAWING NO. S4




NOTE:

ALL COLUMNS THIS FLOOR HSS 8x8x.250 UNLESS NOTED OTHERWISE IN PLAN.

BAR JOIST SUPERIMPOSED LOADING.

| | | |
|---|---|---|
| D.L. | 325 PLF | ALL 28' O.W.J. |
| L.L. | 375 PLF | |
| D.L. | 165 PLF | ALL 20' O.W.J. |
| L.L. | 390 PLF | |

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REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | [illegible] | GENERAL REVISION - ISSUED TO DOMINION [illegible] |
| 2 | 2/1/74 | HOLD AREAS RELEASED WITH MODIFICATIONS |
| 3 | 22/3/74 | GENERAL REVISION |
| [illegible] | 28/10/86 | Revised to 'As Builts' |

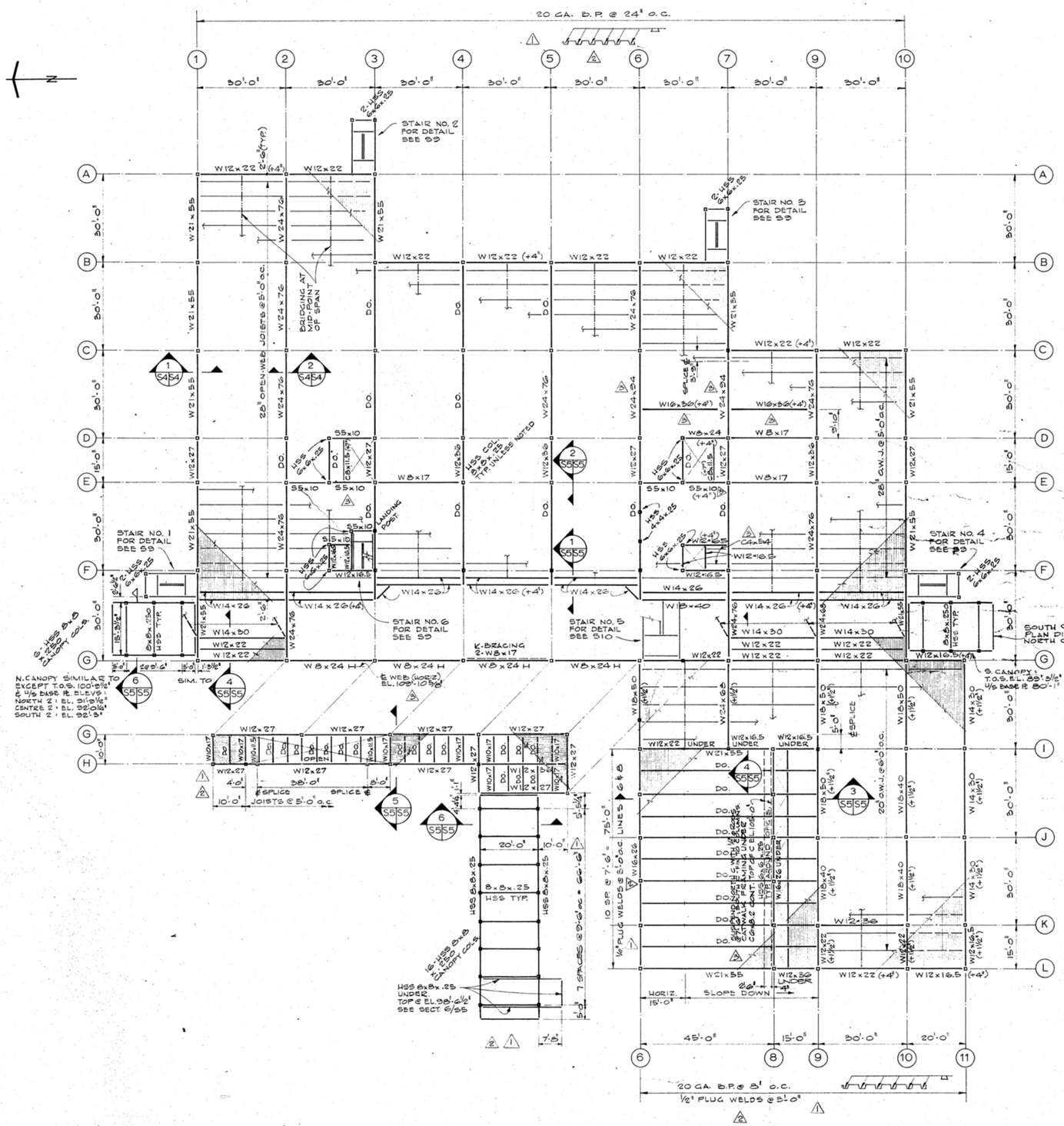
PROJECT NO. 89857
DATE NOV. 16/73 — SCALE NOTED
DRAWN GCP — CHECK HC
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE: LEVEL 3 FRAMING

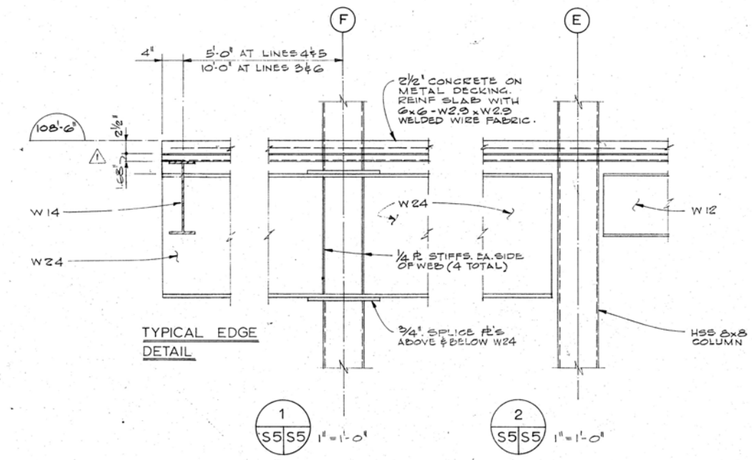
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING, WHITEHORSE, Y.T.

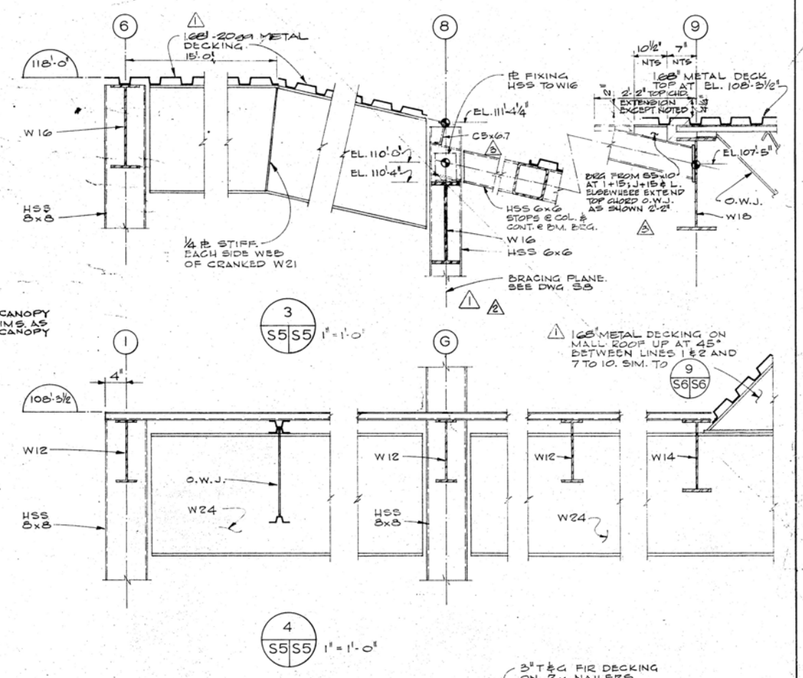
DRAWING NO. S5




LEVEL 3 FRAMING PLAN

SCALE: 1 INCH = 16 FEET




NOTE:

ALL COLUMNS THIS FLOOR HSS 8x8x.250 UNLESS NOTED OTHERWISE IN PLAN.

BAR JOIST SUPERIMPOSED LOADING.

| | | |
|---|---|---|
| D.L. | 325 P.L.F. | ALL 28' O.W.J. |
| L.L. | 375 P.L.F. | |
| D.L. | 165 P.L.F. | ALL 20' O.W.J. |
| L.L. | 390 P.L.F. | |

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L.C. BOHLMAN

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 4/1/74 | GENERAL REVISION - ISSUED TO DOMINION BRIDGE |
| 2 | 21/1/74 | HOLD AREAS RELEASED WITH MODIFICATIONS. |
| 3 | 22/3/74 | GENERAL REVISION |
| 4 | 28/10/86 | Revised to 'As Builts' |

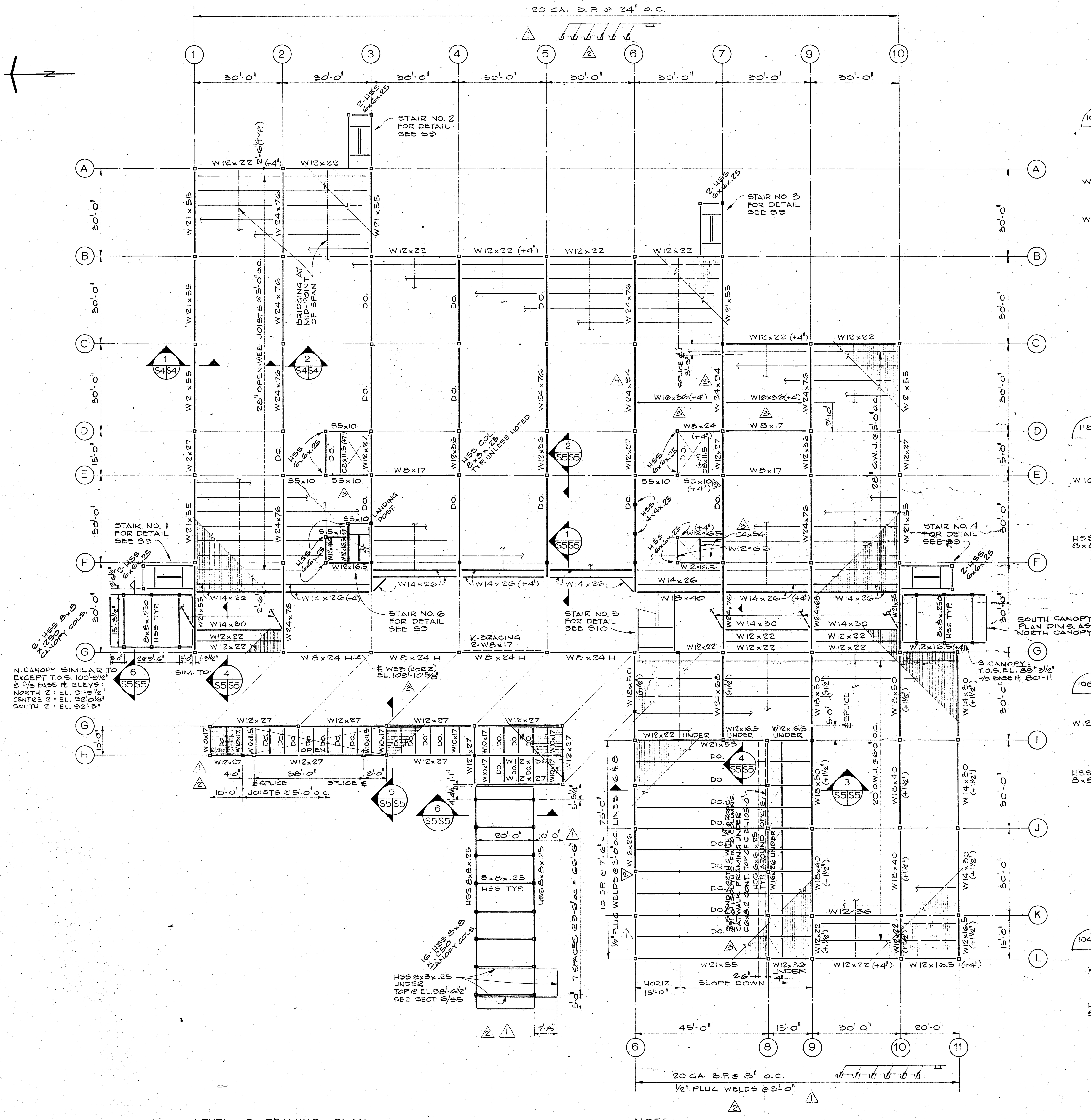
PROJECT NO. 88857
DATE NOV. 16/73
SCALE NOTED
DRAWN GCP
CHECK HC
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
LEVEL 3 FRAMING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO. S5




LEVEL 3 FRAMING PLAN

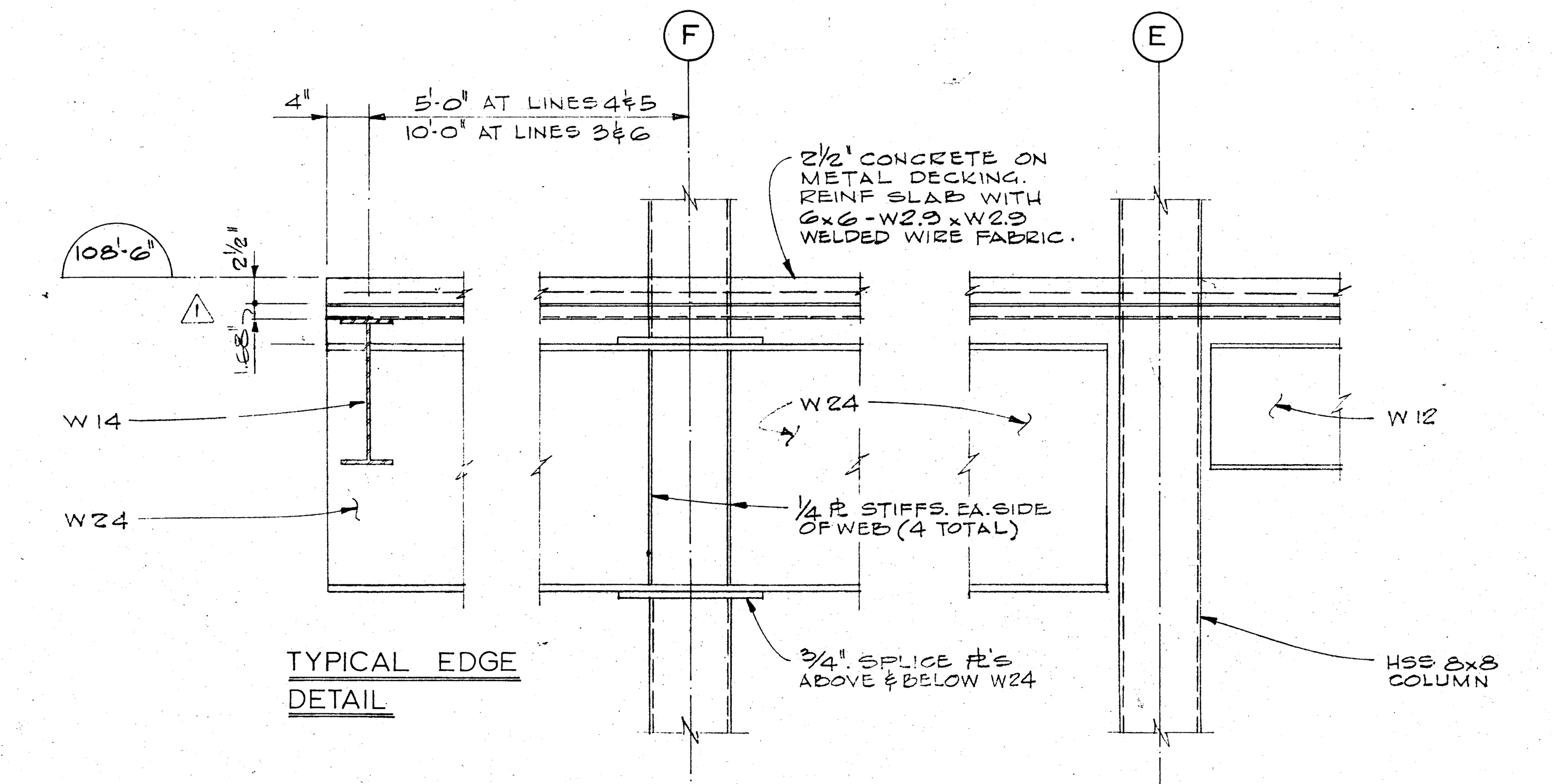
SCALE: 1 INCH = 16 FEET

NOTE:

ALL COLUMNS THIS FLOOR HSS 8x8x.250 UNLESS NOTED OTHERWISE IN PLAN.

BAR JOIST SUPERIMPOSED LOADING.

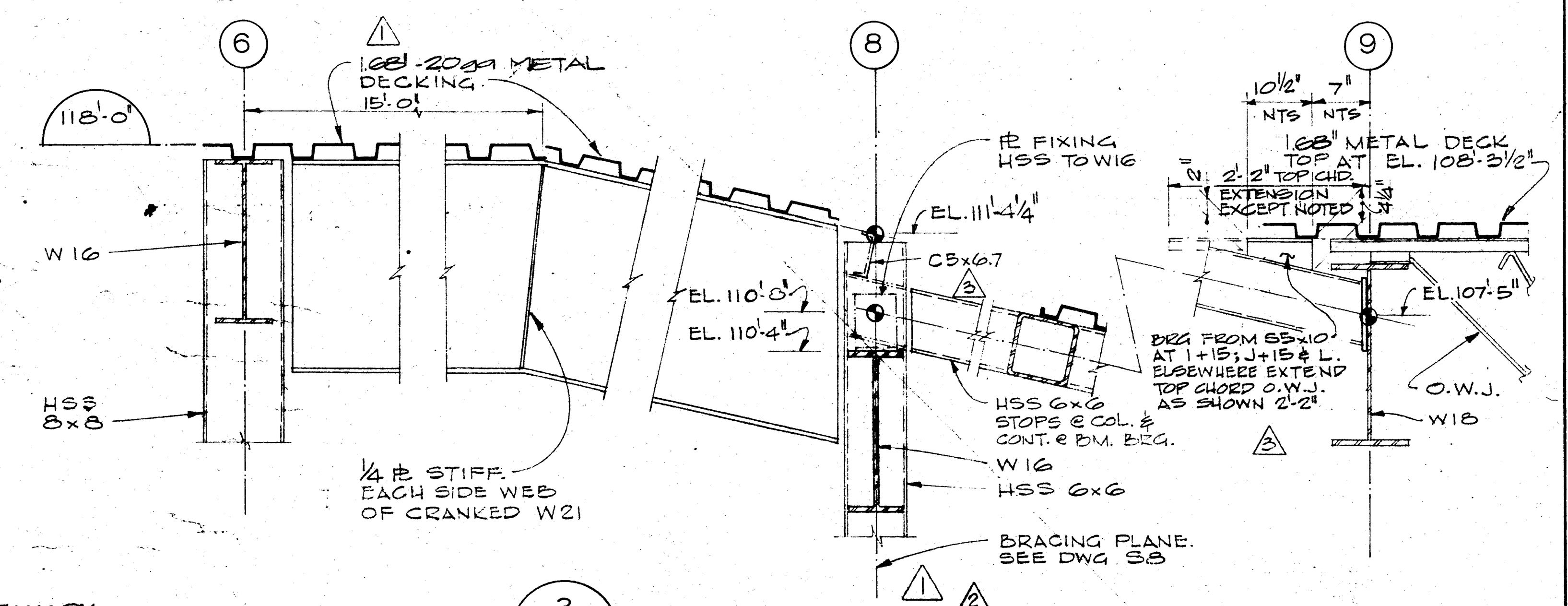
D.L. 325 P.L.F. } ALL 28" O.W.J.
L.L. 375 P.L.F.
D.L. 165 P.L.F. } ALL 20" O.W.J.
L.L. 390 P.L.F.



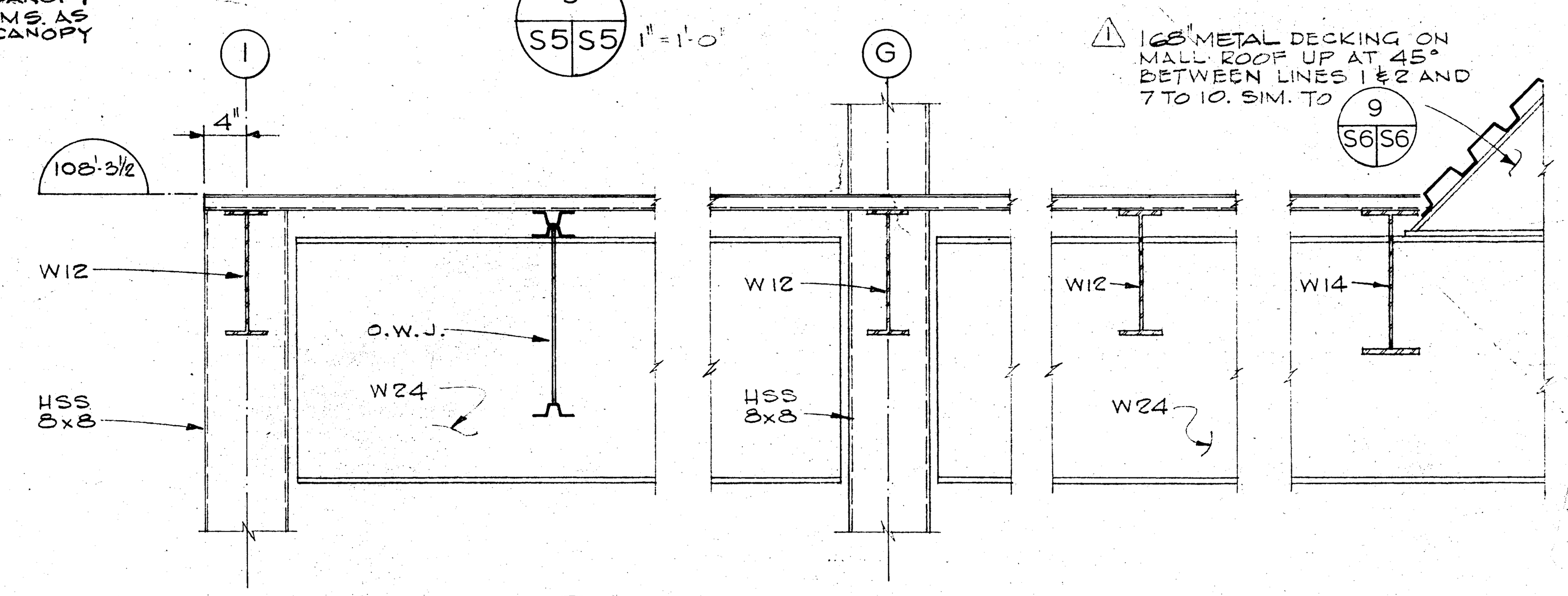

TYPICAL EDGE DETAIL

1 S5|S5 1" = 1'-0"

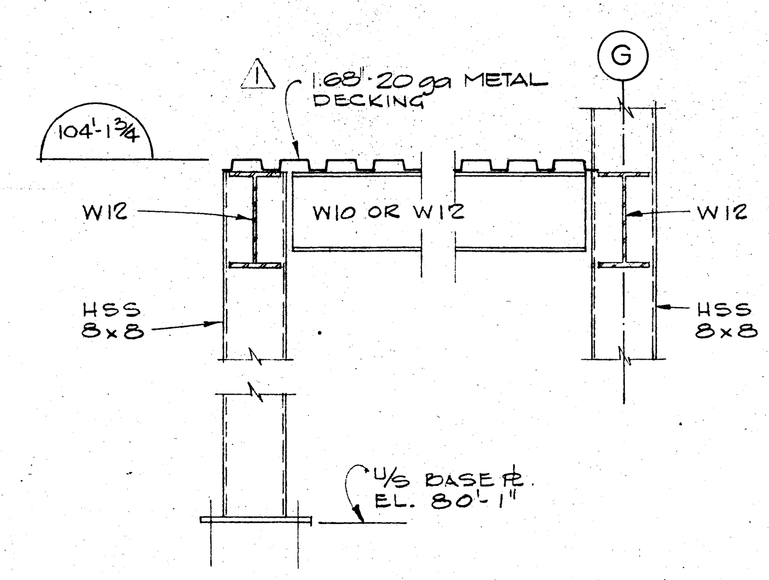
2 S5|S5 1" = 1'-0"



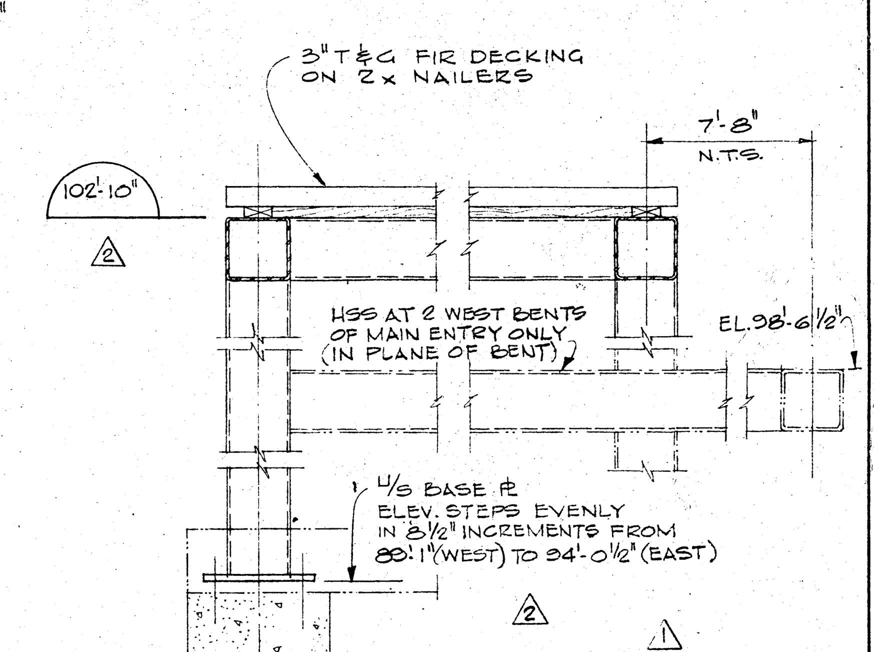

3 S5|S5 1" = 1'-0"




4 S5|S5 1" = 1'-0"




5 S5|S5 ¾" = 1'-0"




6 S5|S5 ¾" = 1'-0"

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PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — L. C. BOHLMAN

| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | GENERAL REVISION - ISSUED TO DOMINION BRIDGE |
| 2 | 2/1/74 | HOLD AREAS RELEASED WITH MODIFICATIONS. |
| 3 | 22/3/74 | GENERAL REVISION |
| 4. | 78/10/06 | Revised to 'As Builts' |

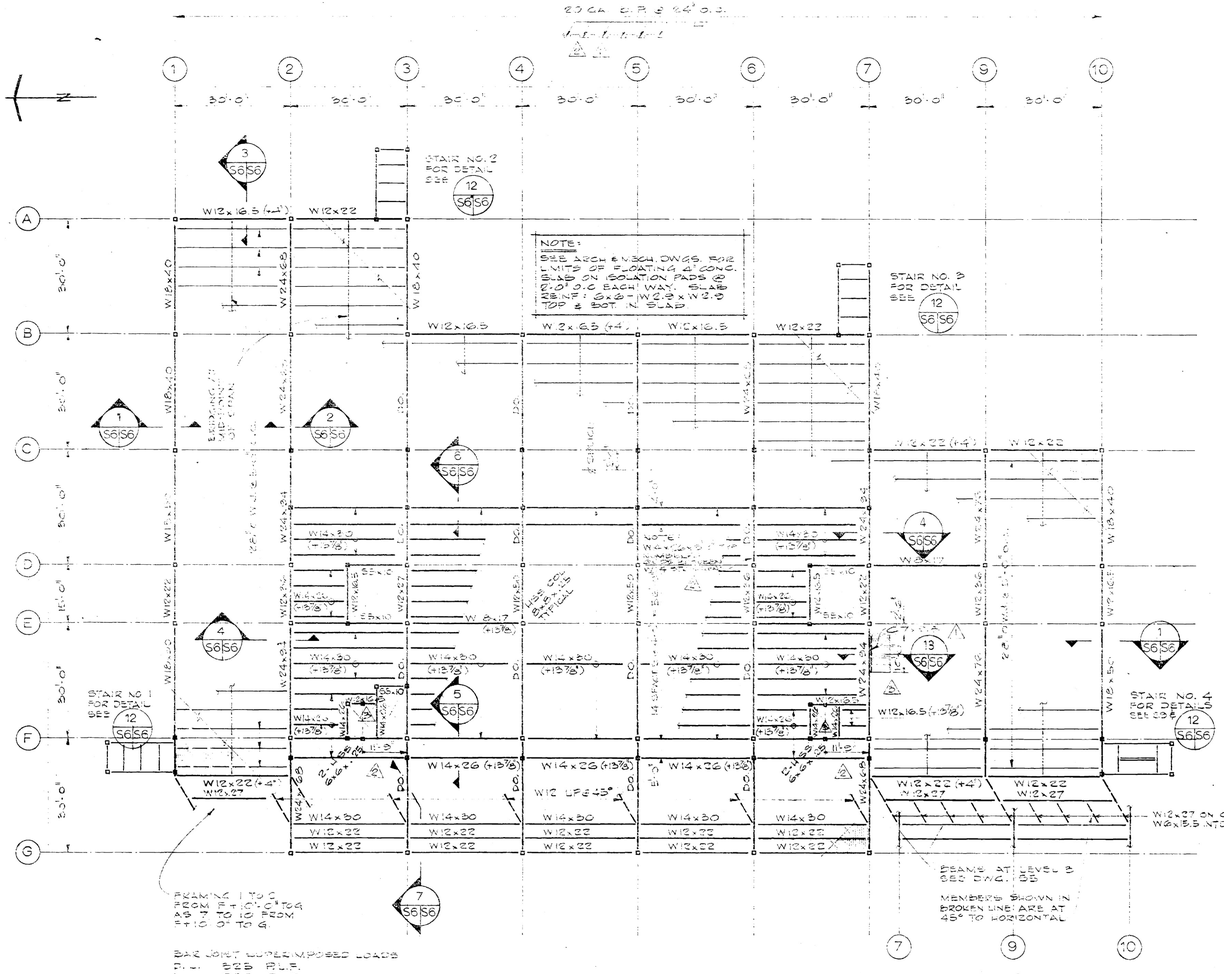
PROJECT NO. 89857
DATE NOV. 16/73 — SCALE NOTED
DRAWN GCP — CHECK HC
APPROVED LCB

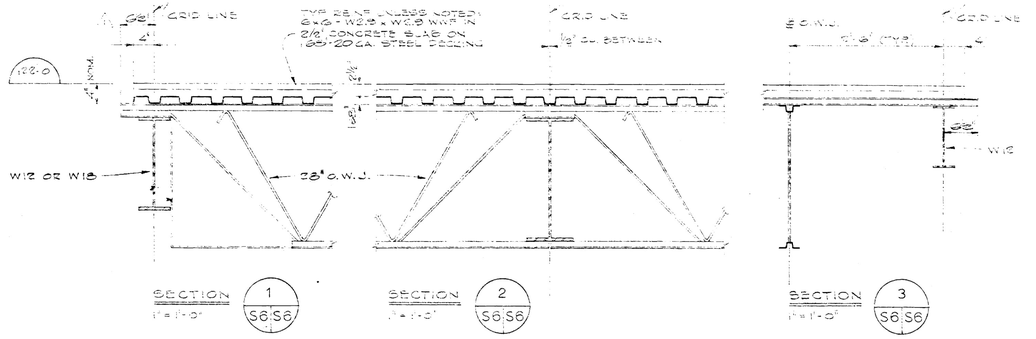
GOVERNMENT OF THE YUKON TERRITORY

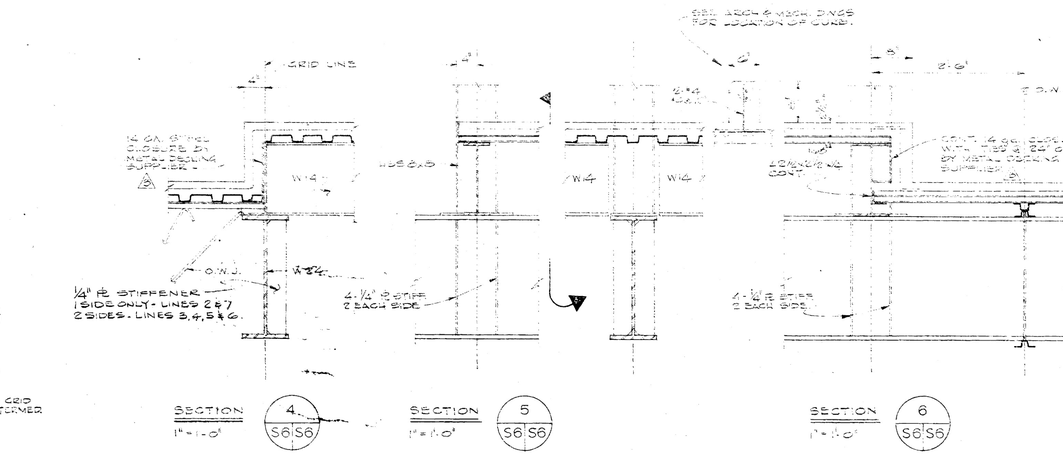
DRAWING TITLE: LEVEL 3 FRAMING

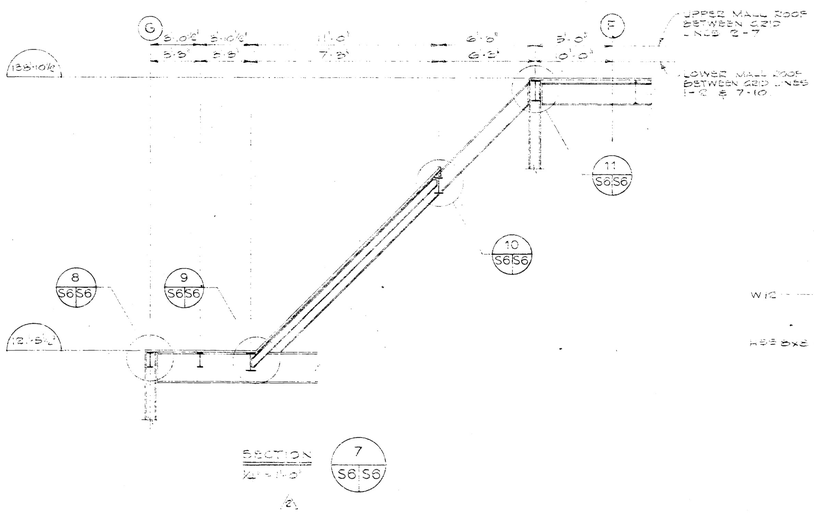
PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

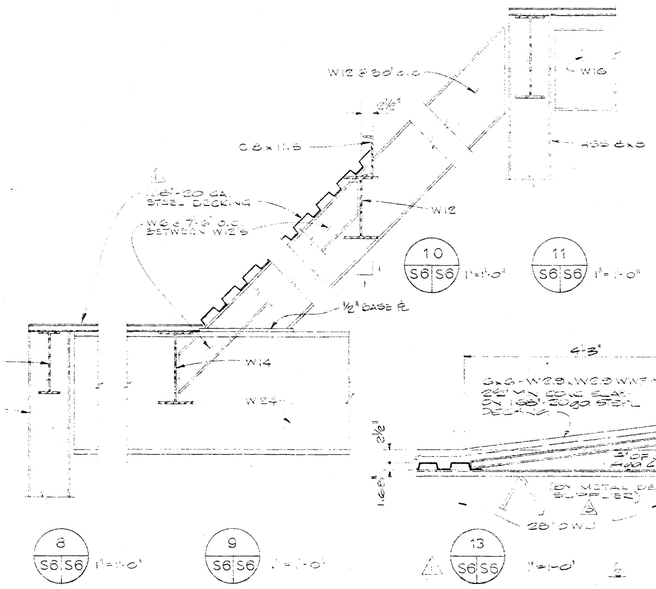
DRAWING NO. S5

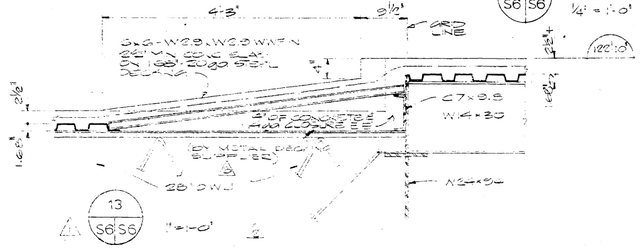


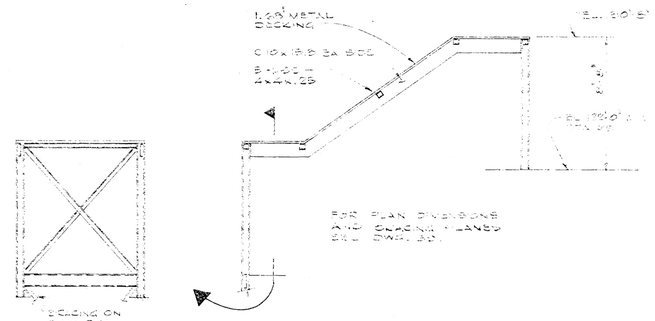



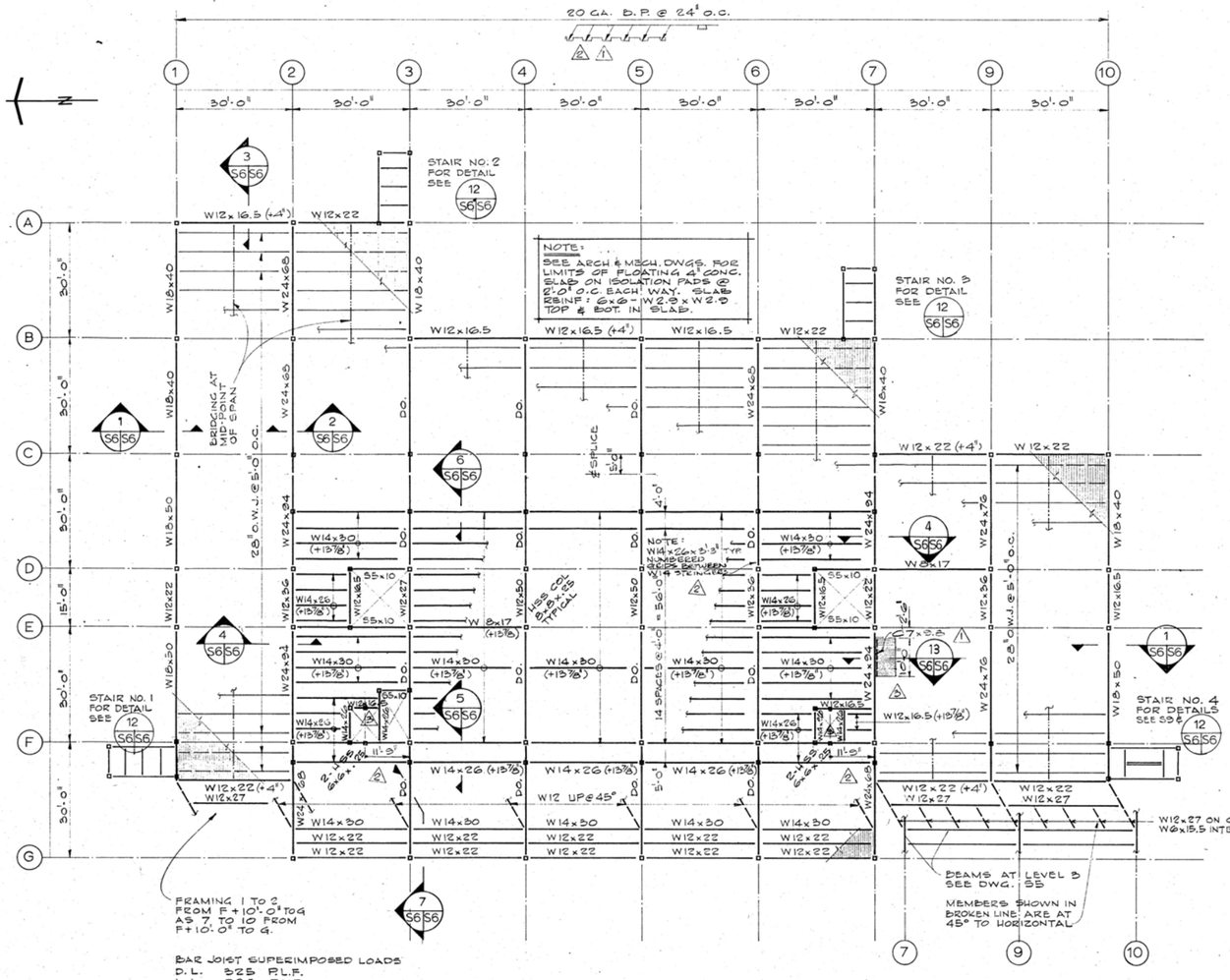




ROOF FRAMING - STAIRS Nº 1, 2, 3 & 4

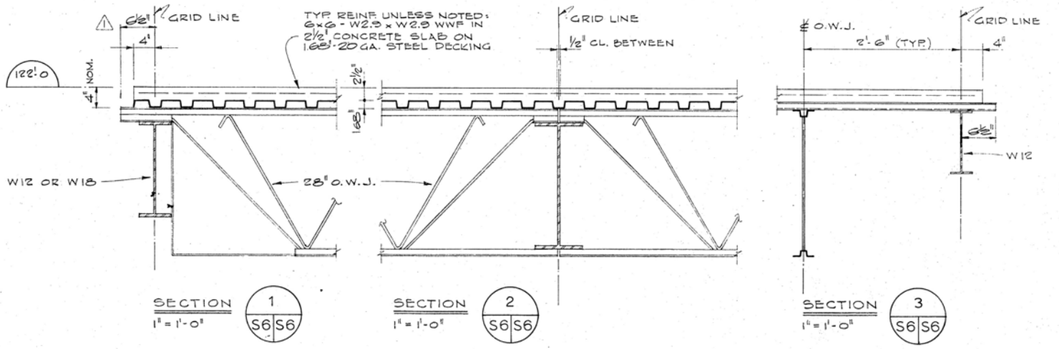
| | | | |
|---|---|---|---|
| BUSH & BOHLMAN LTD. consulting engineers | REVISIONS NO. DATE DESCRIPTION: 1 11/7/74 GENERAL REVISIONS - ISSUED TO DOMINION PRISM; 2 1/10/74 HOLD AREA RELEASED WITH MODIFICATIONS; 3 22/8/74 STAIR ELEVATIONS REVISED; RAMP ENLARGED; FRAMING & ELEVATION; 4 14/74 ISSUED FOR PHASE II MAIN CONTRACT; 5 /10/05 Revised to As Built | PROJECT NO. 89857 DATE NOV 6/73 SCALE NOTED DRAWN CCP CHECK HC APPROVED | GOVERNMENT OF THE YUKON TERRITORY | DRAWING TITLE: PENTHOUSE FLOOR AND MAIN ROOF FRAMING; PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T. | DRAWING NO. S6 |

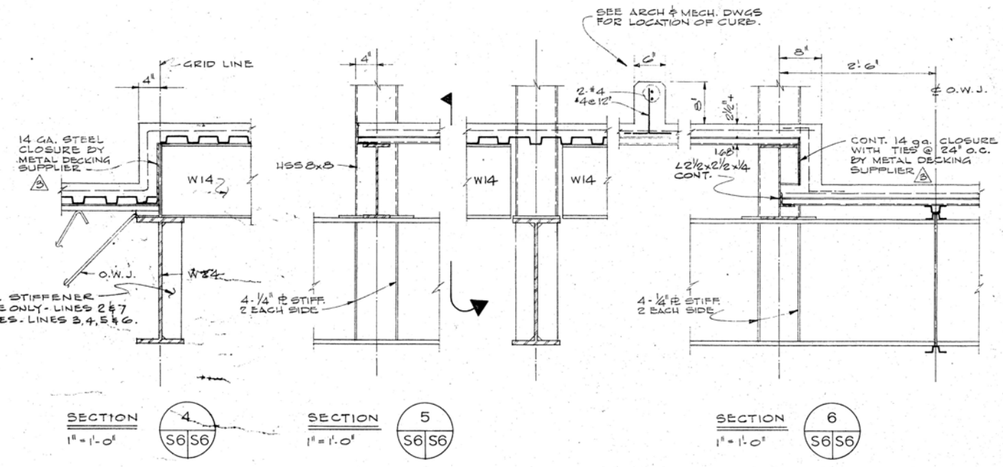


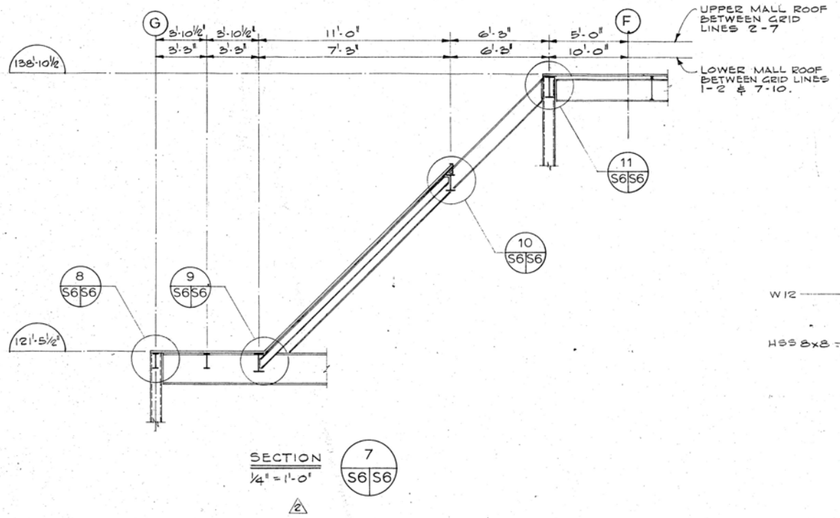

BAR JOIST SUPERIMPOSED LOADS
D.L. 525 P.L.F.
L.L. 285 P.L.F.

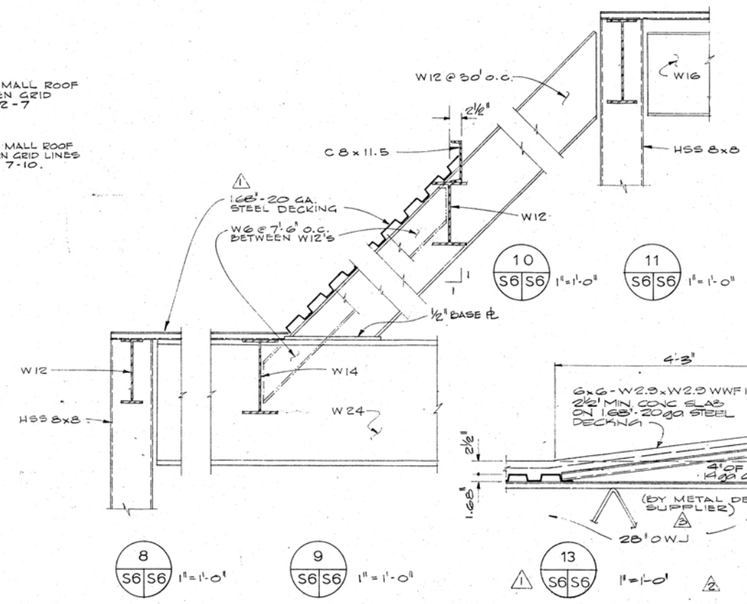
## PENTHOUSE FLOOR & MAIN ROOF FRAMING PLAN

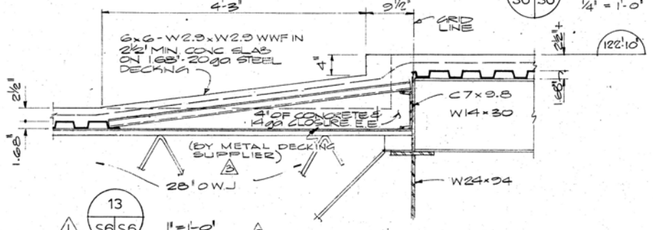
SCALE : 1 INCH = 16 FEET

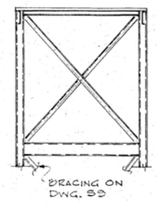


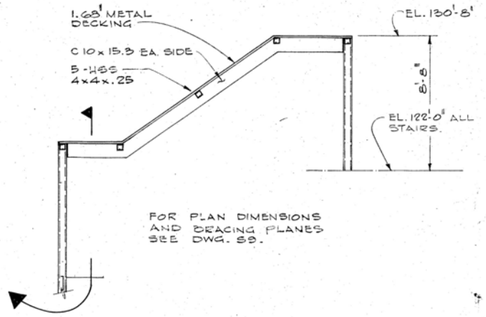



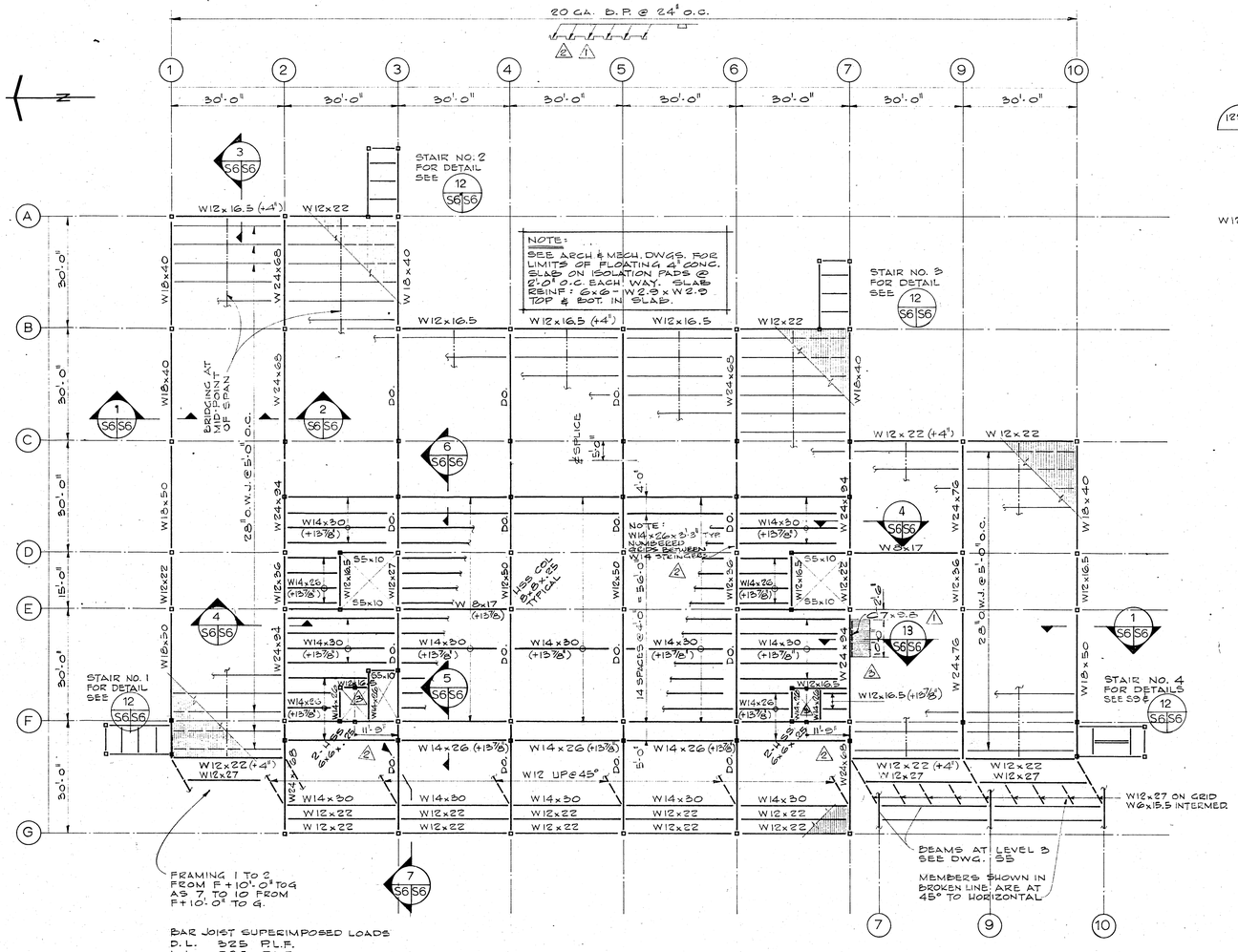




12 S6 S6 ROOF FRAMING - STAIRS N° 1, 2, 3 & 4 1/4" = 1'-0"

| | | | |
|---|---|---|---|
| BUSH & BOHLMAN LTD. consulting engineers 1171 MELVILLE ST. VANCOUVER B.C. TELEPHONE 688-8861 | PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L.C. BOHLMAN | REVISIONS — NO. / DATE / DESCRIPTION: 1 4/1/74 GENERAL REVISIONS - ISSUED TO DOMINION BRIDGE; 2 1/2/74 'HOLD' AREA RELEASED WITH MODIFICATIONS; 15/16 REVISED; 3 22/8/74 BEAM ELEVATIONS REVISED; RAMP ENLARGED; BEAMS @ ELEVATOR; 4 1/4/74 ISSUED FOR PHASE II MAIN CONTRACT; 5 7/10/74 Revised to 'As Built's' | PROJECT NO. 89857; DATE NOV. 16/73; SCALE NOTED; DRAWN GCP; CHECK HC; APPROVED | GOVERNMENT OF THE YUKON TERRITORY | DRAWING TITLE: PENTHOUSE FLOOR AND MAIN ROOF FRAMING; PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T. | DRAWING NO. S6 |



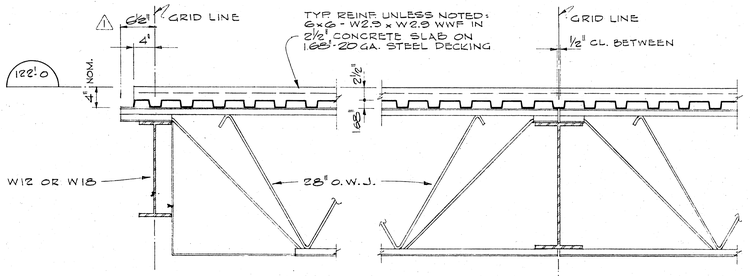

BAR JOIST SUPERIMPOSED LOADS
D.L. 325 P.L.F.
L.L. 285 P.L.F.

## PENTHOUSE FLOOR & MAIN ROOF FRAMING PLAN

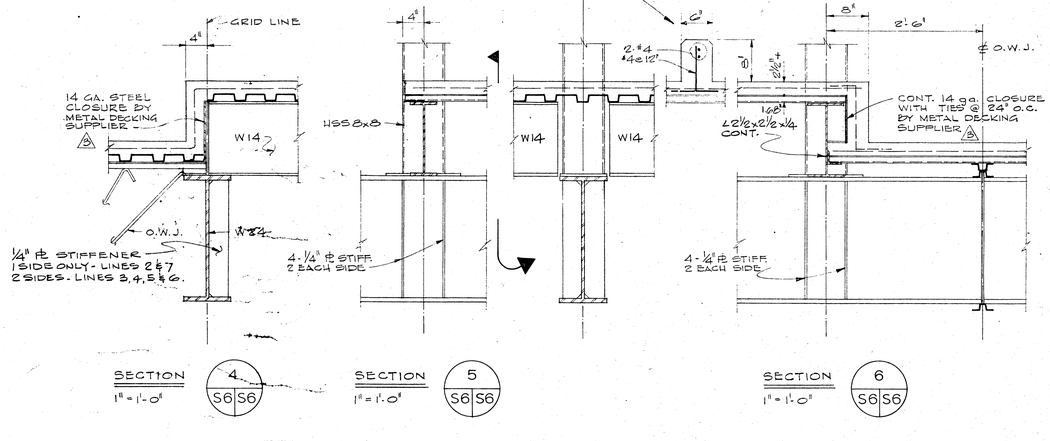
SCALE : 1 INCH = 16 FEET



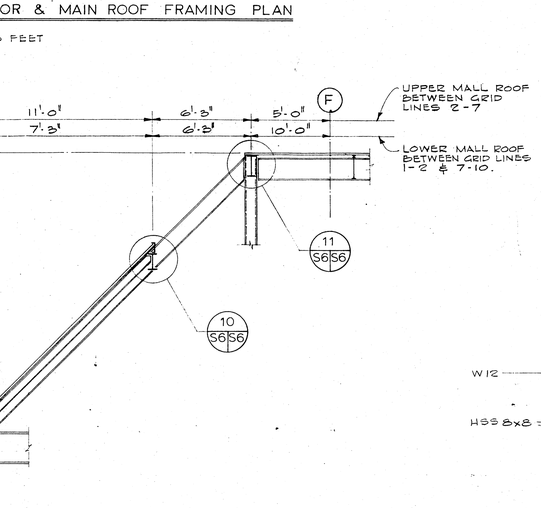

SECTION 7 S6 S6 — 1/4" = 1'-0"



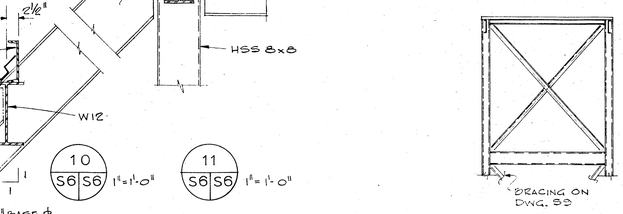

SECTION 1 S6 S6 — 1" = 1'-0"
SECTION 2 S6 S6 — 1" = 1'-0"
SECTION 3 S6 S6 — 1" = 1'-0"

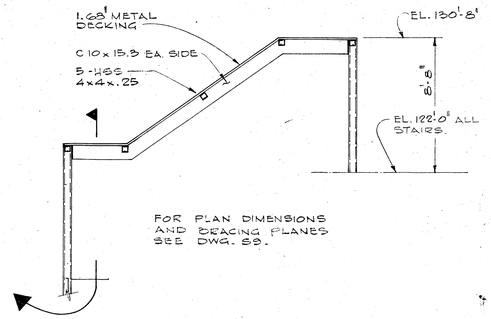



SECTION 4 S6 S6 — 1" = 1'-0"
SECTION 5 S6 S6 — 1" = 1'-0"
SECTION 6 S6 S6 — 1" = 1'-0"

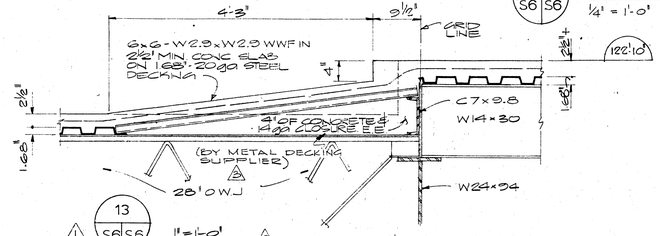



8 S6 S6 — 1" = 1'-0"
9 S6 S6 — 1" = 1'-0"
10 S6 S6 — 1" = 1'-0"
11 S6 S6 — 1" = 1'-0"




12 S6 S6 — ROOF FRAMING - STAIRS N° 1, 2, 3 & 4 — ¼" = 1'-0"




13 S6 S6 — 1" = 1'-0"

| | | |
|---|---|---|
| BUSH & BOHLMAN LTD. consulting engineers 1171 MELVILLE ST. VANCOUVER B.C. TELEPHONE 688-8861 | PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L.C. BOHLMAN | PROJECT NO. 89857 |

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 4/1/74 | GENERAL REVISIONS - ISSUED TO DOMINION BRIDGE |
| 2 | 1/2/74 | 'HOLD' AREA RELEASED WITH MODIFICATIONS; 136c REVISED. |
| 3 | 22/8/74 | BEAM ELEVATIONS REVISED; RAMP ENLARGED; BEAMS & ELEVATOR |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 28/10/86 | Revised to 'As Built's' |

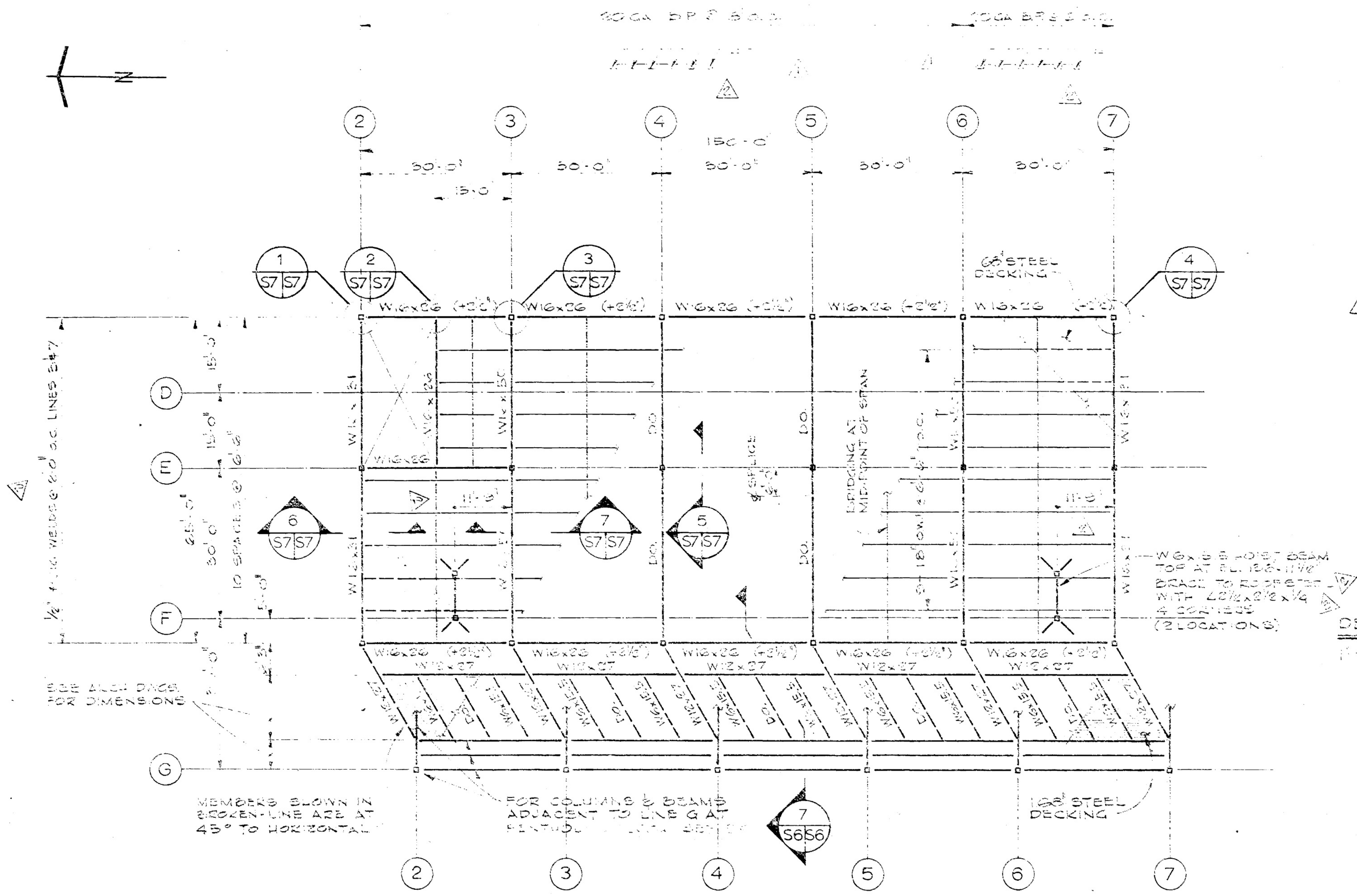
| DATE | SCALE |
|---|---|
| NOV. 16/73 | NOTED |
| DRAWN | CHECK |
| GCP | HC |
| APPROVED | |

**GOVERNMENT OF THE YUKON TERRITORY**

DRAWING TITLE
PENTHOUSE FLOOR AND MAIN ROOF FRAMING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

DRAWING NO. S6

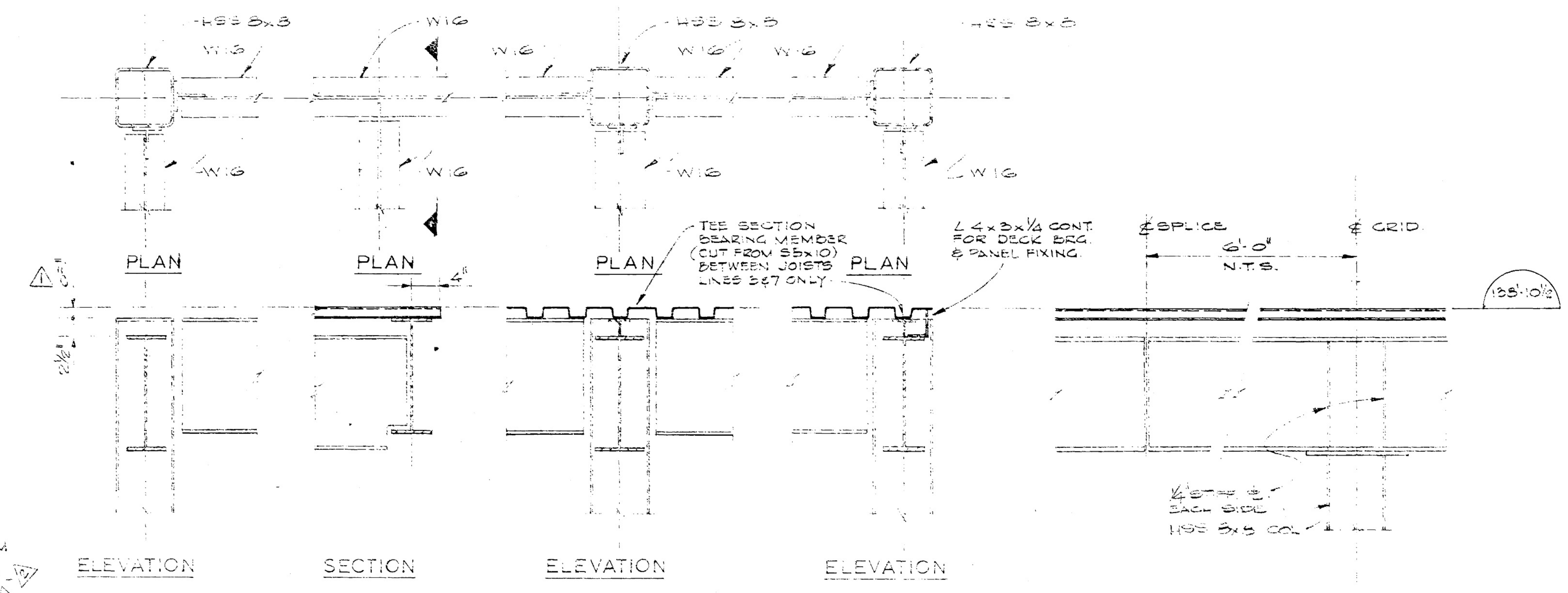



PENTHOUSE ROOF FRAMING PLAN

SCALE: 1 INCH = 16 FEET

BAR JOIST SUPERIMPOSED LOADING:

D.L. 210 PLF
L.L. 175 PLF



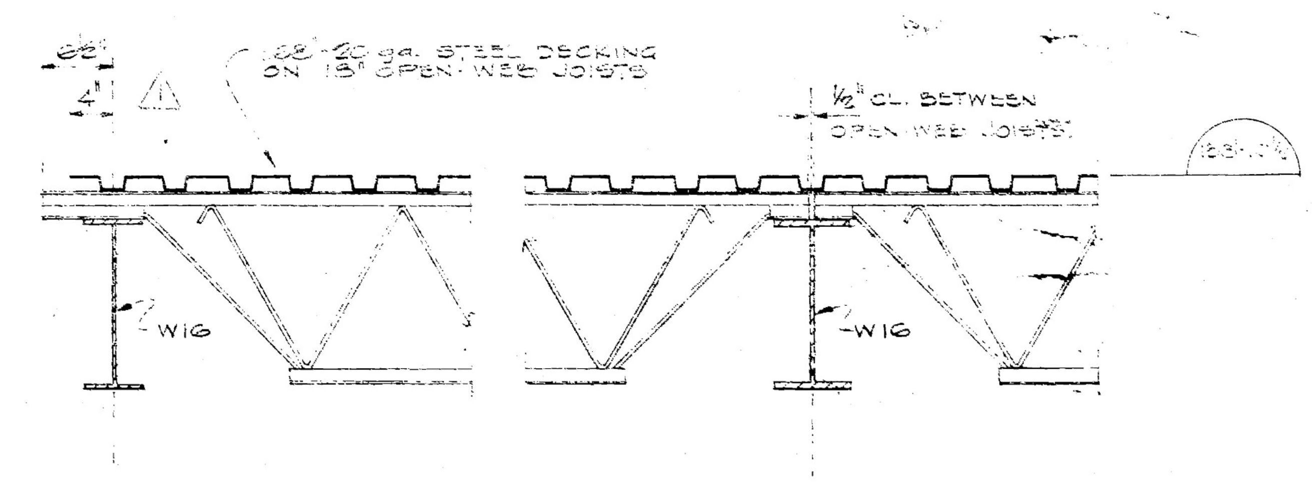

DETAIL 1 S7|S7 1" = 1'-0"

DETAIL 2 S7|S7 1" = 1'-0"

DETAIL 3 S7|S7 1" = 1'-0"

DETAIL 4 S7|S7 1" = 1'-0"

SECTION 5 S7|S7 1" = 1'-0"

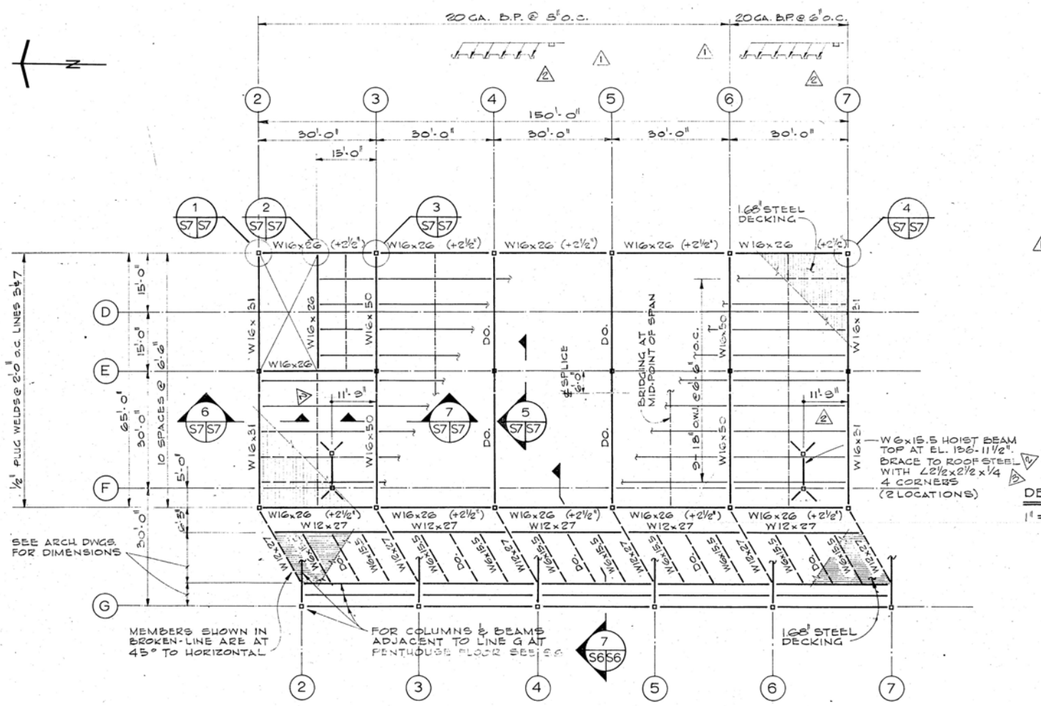



SECTION 6 S7|S7 1" = 1'-0"

SECTION 7 S7|S7 1" = 1'-0"

| | | | | |
|---|---|---|---|---|
| BUSH & BOHLMAN LTD. consulting engineers | PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA | REVISIONS | PROJECT NO. 89857 | DRAWING TITLE: PENTHOUSE ROOF FRAMING |
| | | 1 — 4/1/74 — GENERAL REVISION - ISSUED TO DOMINION BRIDGE | DATE NOV. 16/73 — SCALE NOTED | PROJECT TITLE: TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T. |
| | | 2 — 1/2/74 — 'HOLD' AREA RELEASED WITH MODIFICATIONS. | DRAWN GCP — CHECK HC | DRAWING NO. S7 |
| | | 3 — 22/3/74 — ELEVATOR JOIST BEAM BRACING REVISED | APPROVED | |
| | | 4 — 1/4/74 — ISSUED FOR PHASE II MAIN CONTRACT | | |
| | | 5 — Revised to 'As built' | | |

GOVERNMENT OF THE YUKON TERRITORY

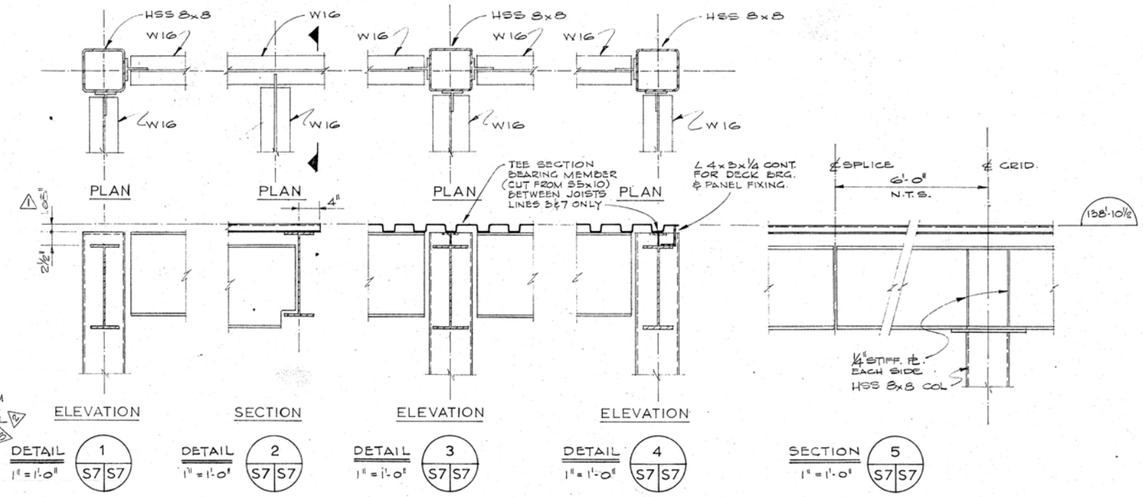


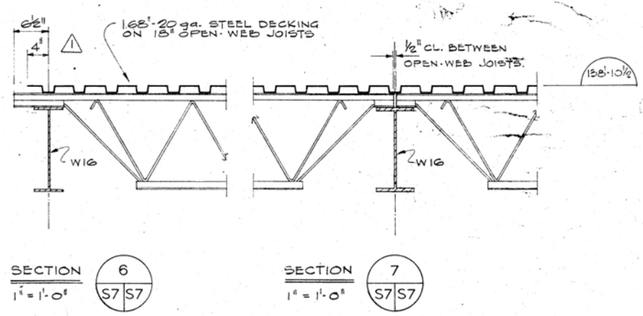

PENTHOUSE ROOF FRAMING PLAN

SCALE: 1 INCH = 16 FEET

BAR JOIST SUPERIMPOSED LOADING:

D.L. 210 P.L.F.
L.L. 175 P.L.F.




BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST. VANCOUVER B.C. TELEPHONE 688-9861

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — L.C. BOHLMAN

| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | GENERAL REVISION - ISSUED TO DOMINION BRIDGE |
| 2 | 1/8/74 | HOLD' AREA RELEASED WITH MODIFICATIONS. |
| 3 | 22/3/74 | ELEVATOR HOIST BEAM BRACING REVISED |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 78/10/06 | Revised to 'As Built's' |

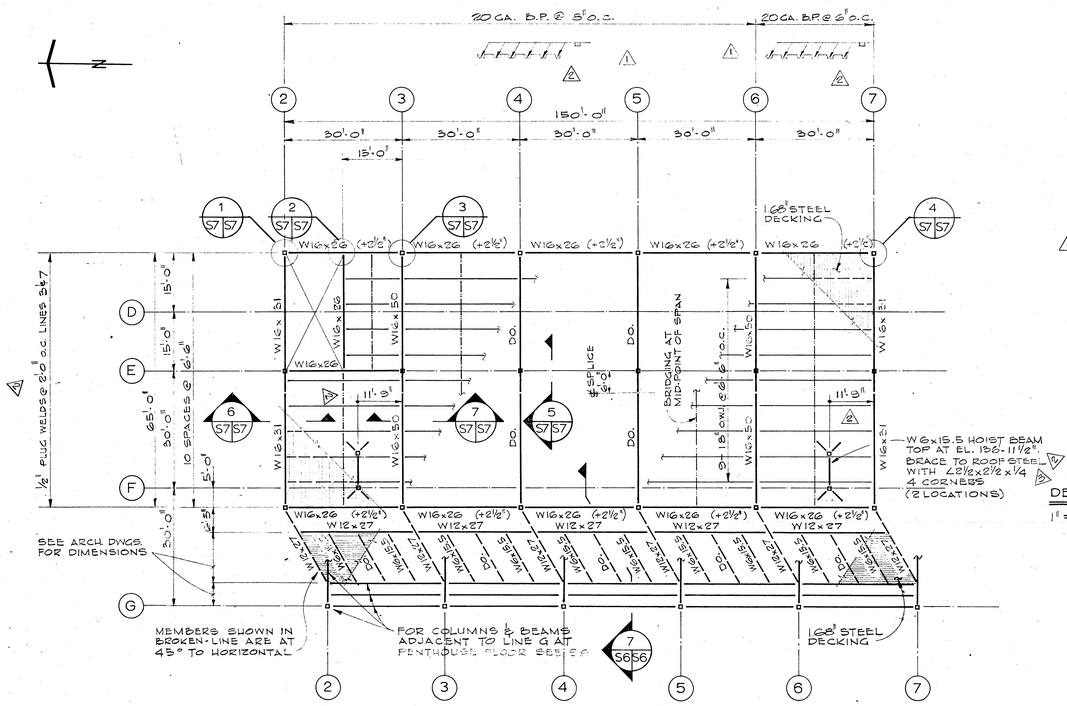
PROJECT NO. 89857
DATE NOV. 16/73 | SCALE NOTED
DRAWN GCP | CHECK HC
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
PENTHOUSE ROOF FRAMING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO. 67

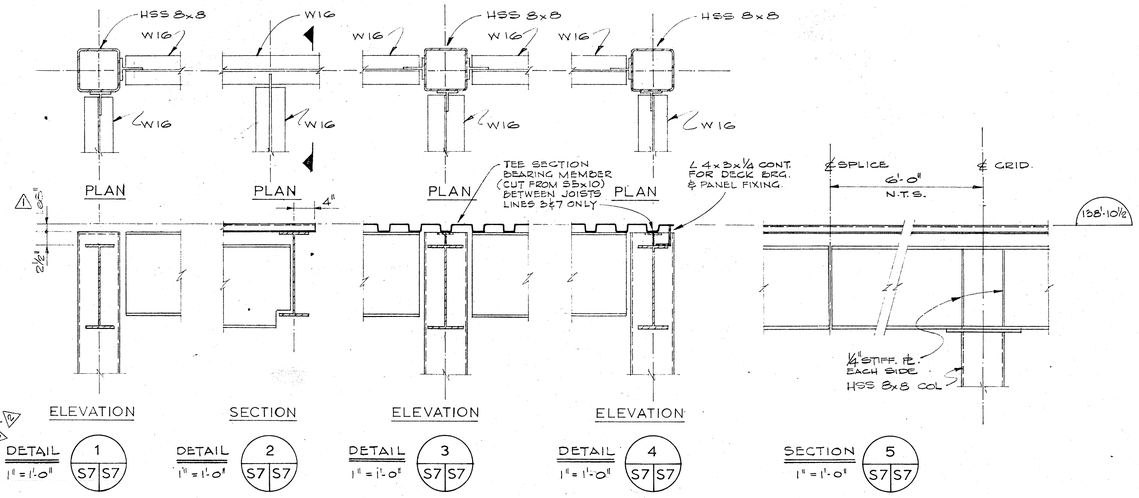


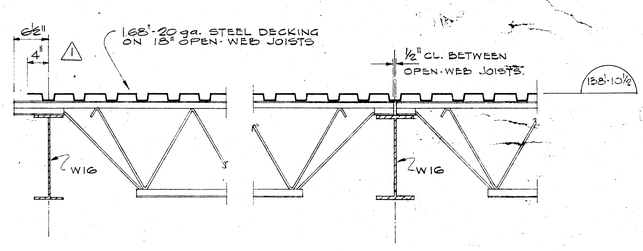

## PENTHOUSE ROOF FRAMING PLAN

SCALE: 1 INCH = 16 FEET

BAR JOIST SUPERIMPOSED LOADING:

D.L. 210 P.L.F.
L.L. 175 P.L.F.




BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST VANCOUVER B C TELEPHONE 688-9861

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — L. C. BOHLMAN

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | GENERAL REVISION - ISSUED TO DOMINION BRIDGE |
| 2 | 1/8/74 | HOLD' AREA RELEASED WITH MODIFICATIONS. |
| 3 | 22/3/74 | ELEVATOR HOIST BEAM BRACING REVISED |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 5 | 78/10/06 | Revised to 'As Builts' |

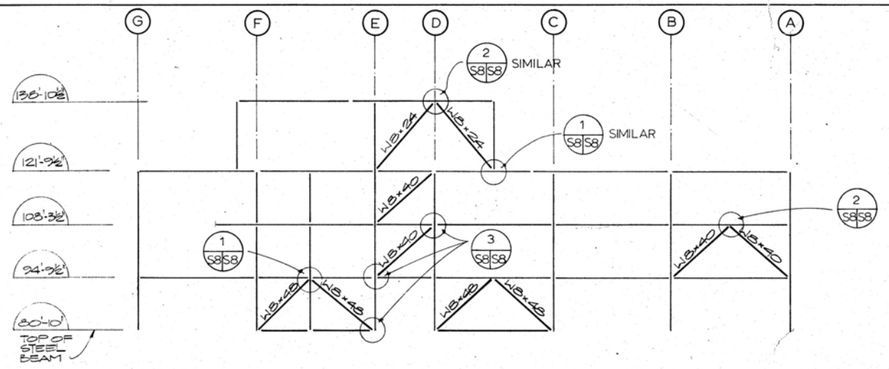
PROJECT NO. 89857
DATE NOV. 16/73 | SCALE NOTED
DRAWN GCP | CHECK HC
APPROVED

**GOVERNMENT OF THE YUKON TERRITORY**

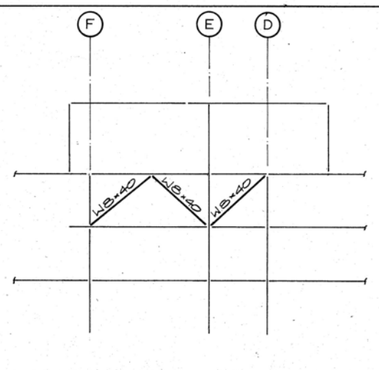
DRAWING TITLE
PENTHOUSE ROOF FRAMING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y. T.

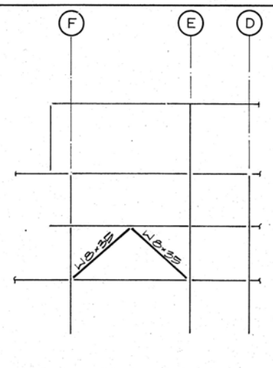
DRAWING NO. S7



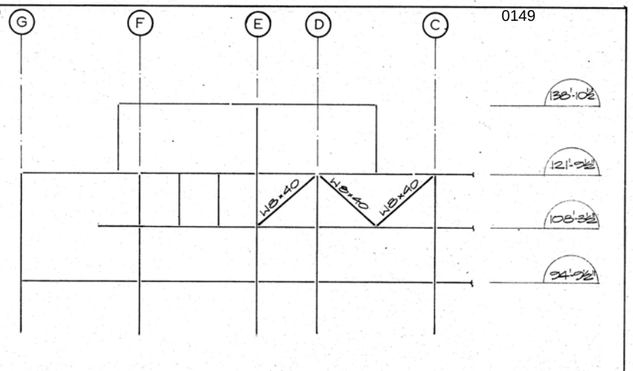

LINE 3



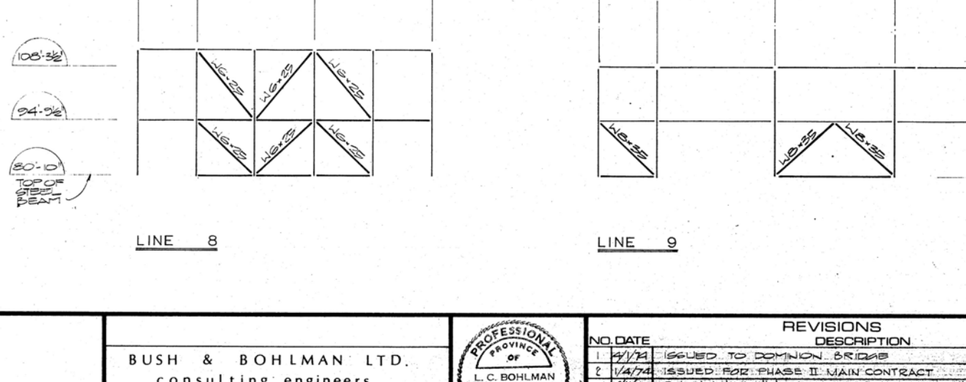

LINE 4




LINE 5



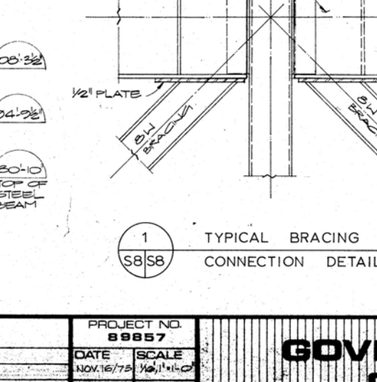

LINE 6




LINE 7



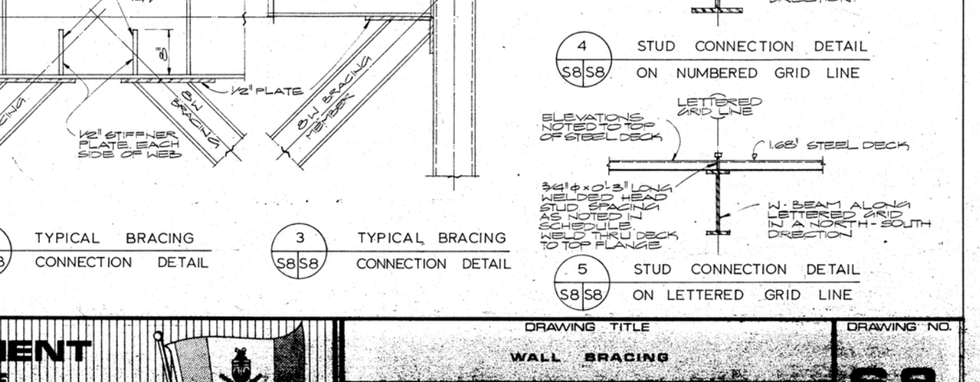

LINE B




LINE D




LINE D




LINE E




LINE G



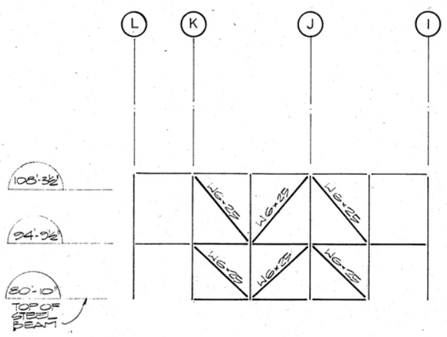

LINE I



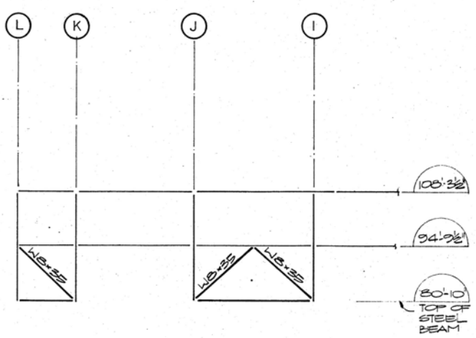

LINE K



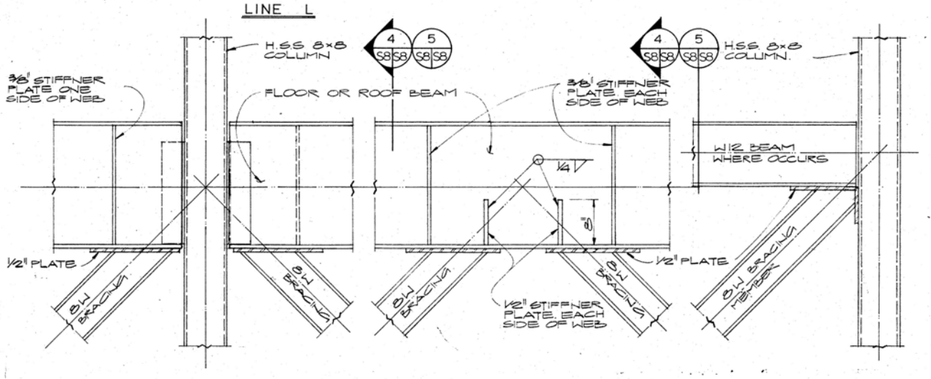

LINE L




LINE 8




LINE 9




1 S8 S8 TYPICAL BRACING CONNECTION DETAIL

2 S8 S8 TYPICAL BRACING CONNECTION DETAIL

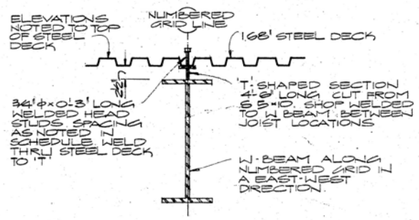
3 S8 S8 TYPICAL BRACING CONNECTION DETAIL




| DIAGONAL MEMBER | REACTION (KIPS) H | REACTION (KIPS) V | STUD SPACING |
|---|---|---|---|
| W8×48 | 162.8 | 146.5 | 12" oc |
| W8×40 | 130.1 | 117.1 | 13" oc |
| W8×35 | 112.2 | 101.0 | 18" oc |
| W8×24 | 49.1 | 44.2 | 30" oc |

NOTE:
WELDED HEAD STUDS NOT REQUIRED WHERE STEEL DECK HAS NO CONCRETE COVER.

BRACING REACTIONS AND STUD SPACING DIAGRAM




4 S8 S8 STUD CONNECTION DETAIL ON NUMBERED GRID LINE




5 S8 S8 STUD CONNECTION DETAIL ON LETTERED GRID LINE

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST VANCOUVER B C TELEPHONE 688-9861

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L.C. BOHLMAN

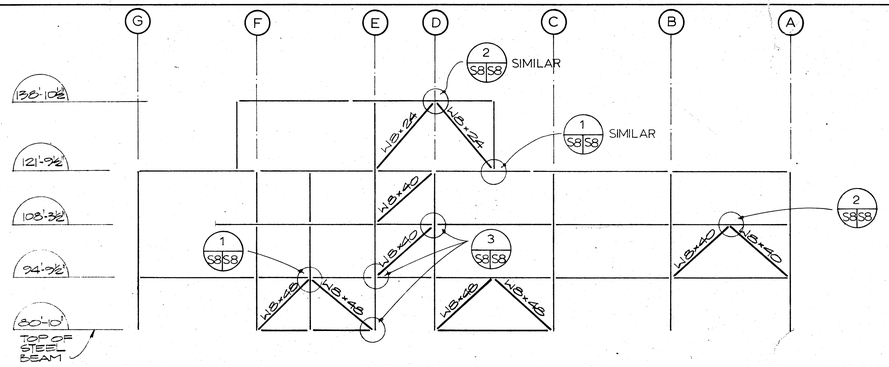
| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | ISSUED TO DOMINION BRIDGE |
| 2 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 3 | 11/10/66 | Revised to 'As Built' |

PROJECT NO. 89857
DATE NOV. 16/73 SCALE 1/16"=1'-0"
DRAWN MW CHECK H.C.
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
WALL BRACING
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T.

DRAWING NO. S8

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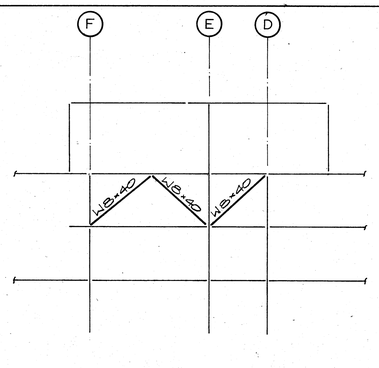


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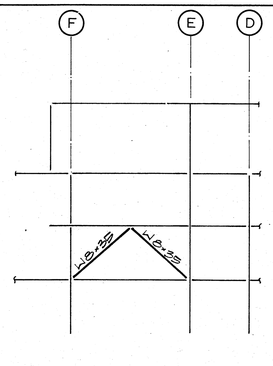
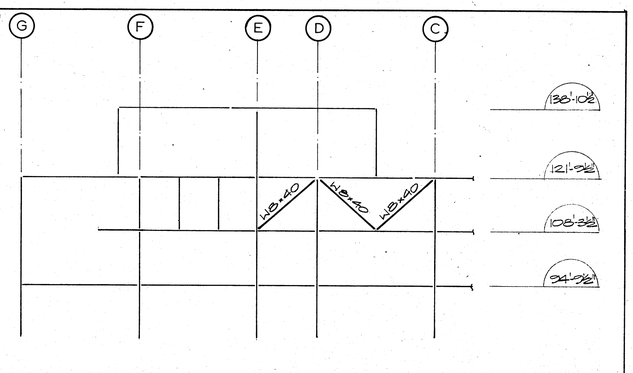
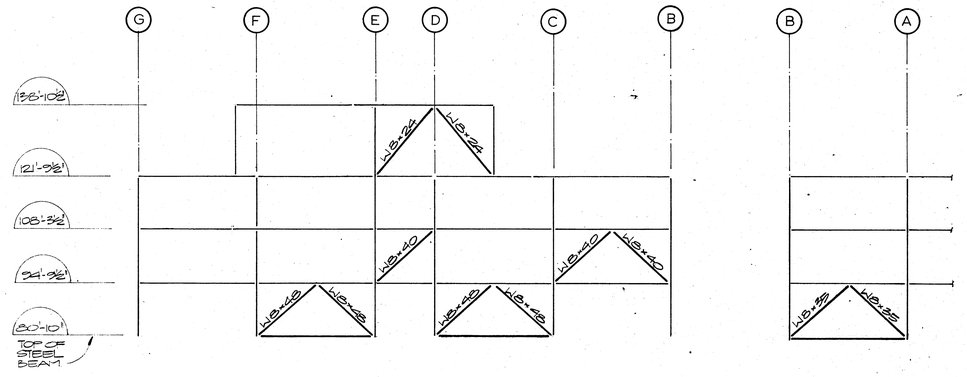



LINE 5



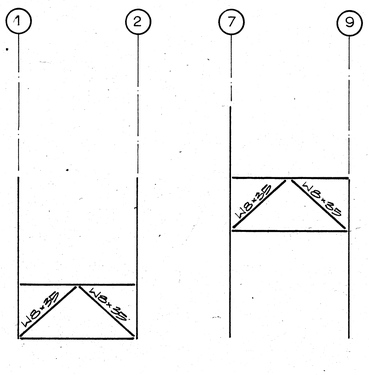

LINE 6




LINE 7




LINE B

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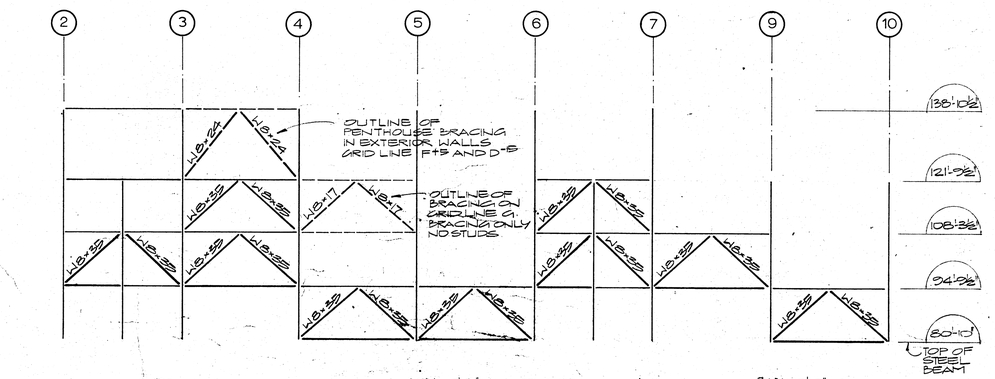
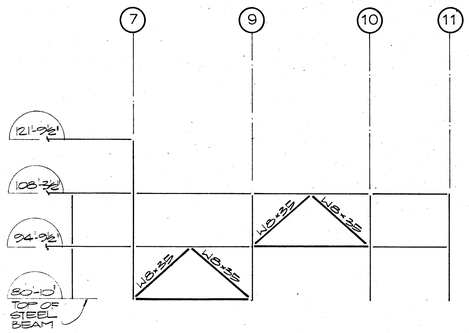



LINE D

LINE E

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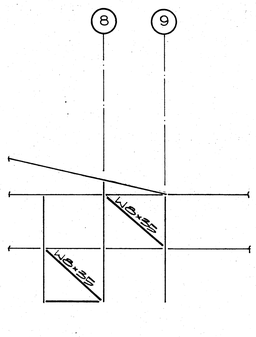


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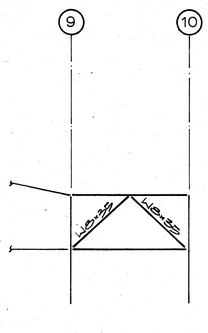


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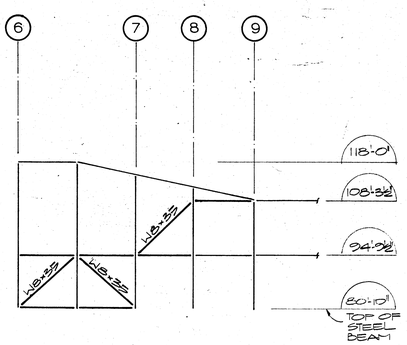


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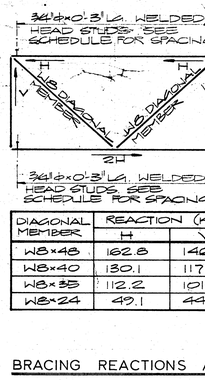


| DIAGONAL MEMBER | REACTION (KIPS) H | REACTION (KIPS) V | STUD SPACING |
|---|---|---|---|
| W8×48 | 162.8 | 146.5 | 12" oc |
| W8×40 | 130.1 | 117.1 | 15" oc |
| W8×35 | 112.2 | 101.0 | 18" oc |
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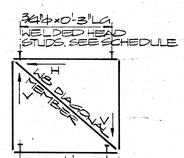
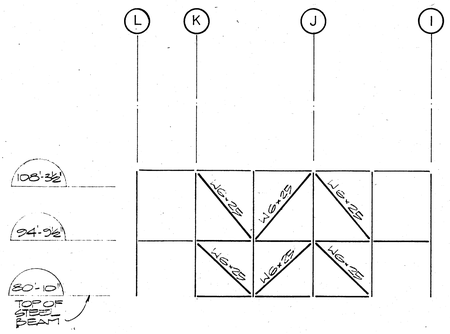



NOTE:
WELDED HEAD STUDS NOT REQUIRED WHERE STEEL DECK HAS NO CONCRETE COVER

BRACING REACTIONS AND STUD SPACING DIAGRAM

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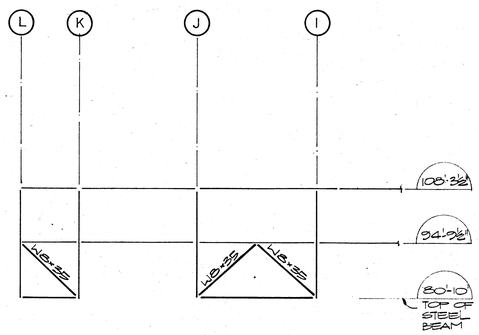
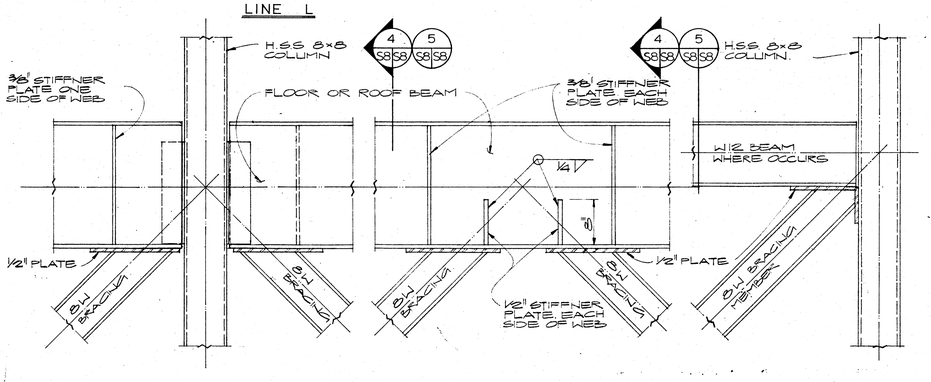


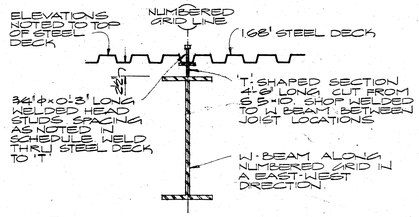

LINE 9



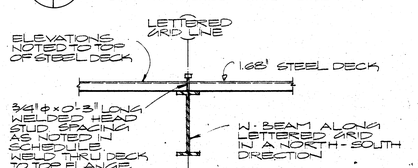

1 S8|S8 TYPICAL BRACING CONNECTION DETAIL

2 S8|S8 TYPICAL BRACING CONNECTION DETAIL

3 S8|S8 TYPICAL BRACING CONNECTION DETAIL




4 S8|S8 STUD CONNECTION DETAIL ON NUMBERED GRID LINE




5 S8|S8 STUD CONNECTION DETAIL ON LETTERED GRID LINE

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST. VANCOUVER B.C. TELEPHONE 688-9861

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L.C. BOHLMAN

| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| 1. | 4/1/74 | ISSUED TO DOMINION BRIDGE |
| 2. | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT |
| 3. | 11/11/76 | Revised to 'As Built' |

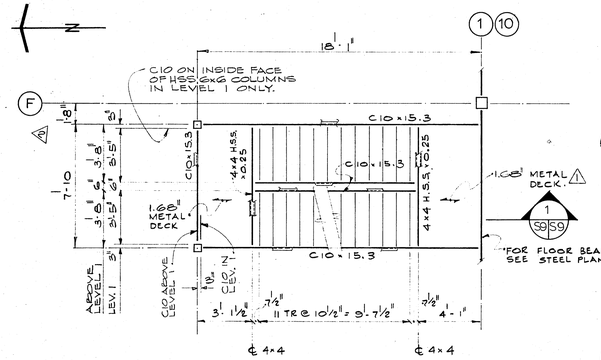
PROJECT NO. 89857
DATE NOV. 16/73
SCALE 1/8", 1'-0"
DRAWN MW
CHECK HC
APPROVED LCB

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
WALL BRACING

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

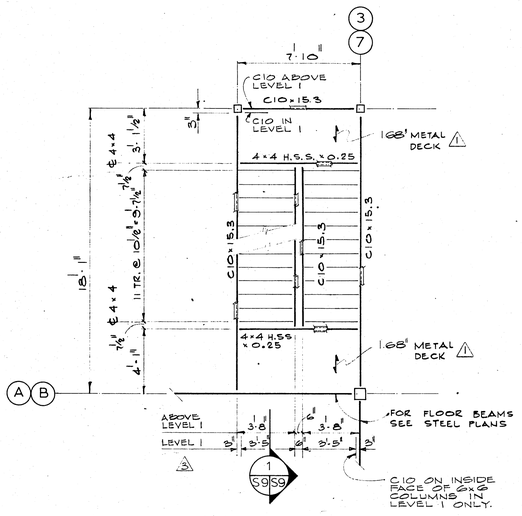
DRAWING NO. S8




PLAN STAIR N° 1 & N° 4 1/4"=1'-0"

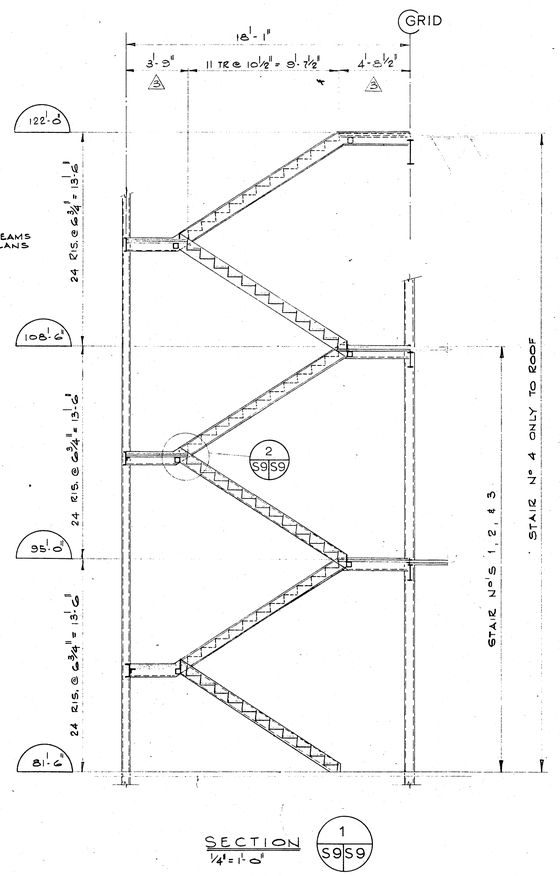
(STAIR N° 4 OPPOSITE HAND)

△2

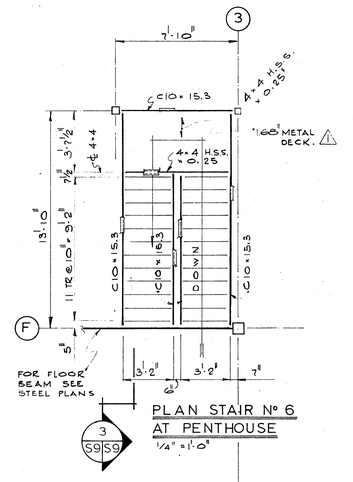



PLAN STAIR N° 2 & N° 3

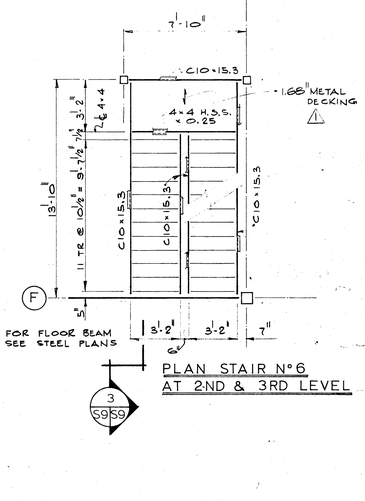
△2



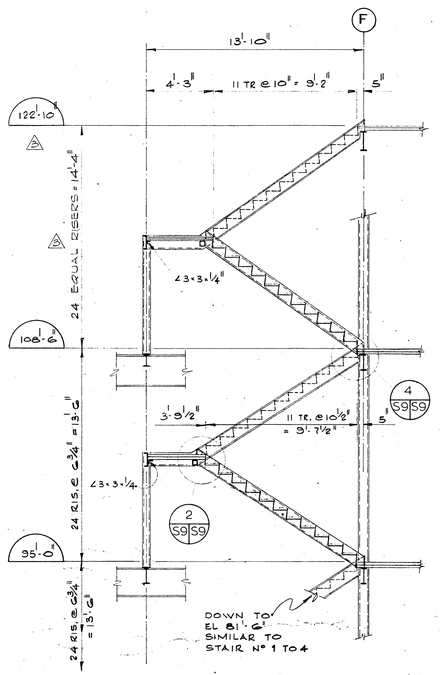

SECTION 1/4"=1'-0" 1 S9 S9



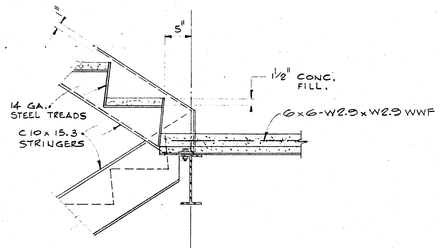

PLAN STAIR N° 6 AT PENTHOUSE 1/4"=1'-0"



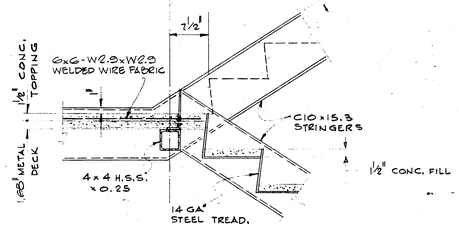

PLAN STAIR N° 6 AT 2ND & 3RD LEVEL



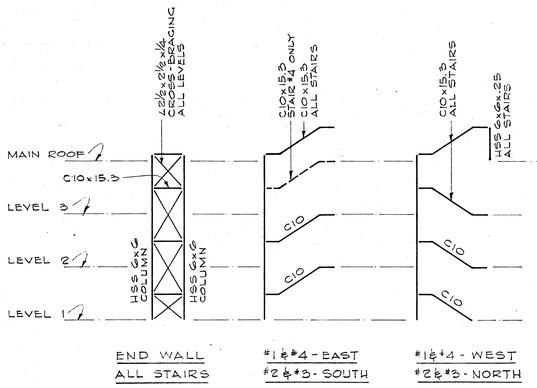

SECTION 1/4"=1'-0" 3 S9 S9




DETAIL 1"=1'-0" 4 S9 S9




DETAIL 1"=1'-0" 2 S9 S9




STAIRS NO. 1, 2, 3 & 4 BRACING

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

NOTE: SEE PLANS FOR DIMENSIONS

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST VANCOUVER B C TELEPHONE 688-9861

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L. C. BOHLMAN

| REVISIONS NO. | DATE | DESCRIPTION |
|---|---|---|
| △1 | 4/1/74 | GENERAL REVISION. ISSUED TO DOMINION BRDGS |
| △2 | 1/2/74 | REVISED LOCATION OF STAIR NO. 1 & NO. 4 RELATIVE TO GRID 'F' |
| △3 | 22/3/74 | LEVEL 1 STRINGERS RELOCATED; STAIR NO. 6 TOP RUN REVISED. |
| 4 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT. |
| 5 | 28/10/10 | Revised to 'As Builts' |

PROJECT NO. 89857

| DATE | SCALE |
|---|---|
| NOV. 16/73 | NOTED |
| DRAWN | CHECK |
| GT | HC |

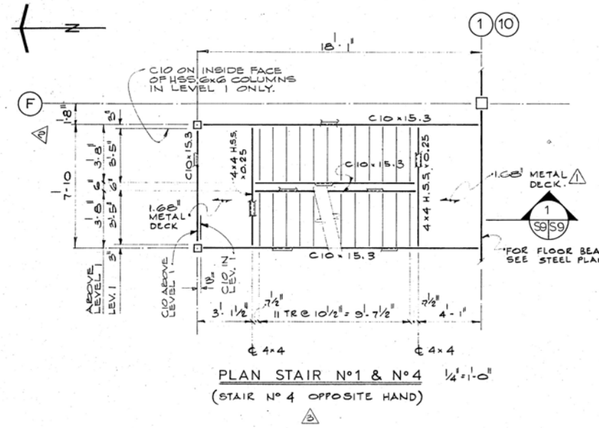
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

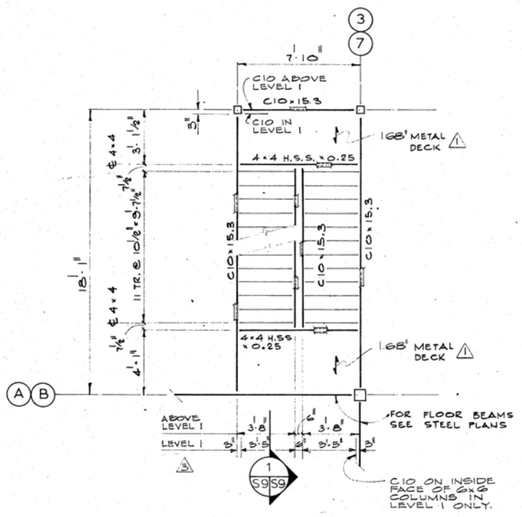
DRAWING TITLE
STAIR SHEET No. 1

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

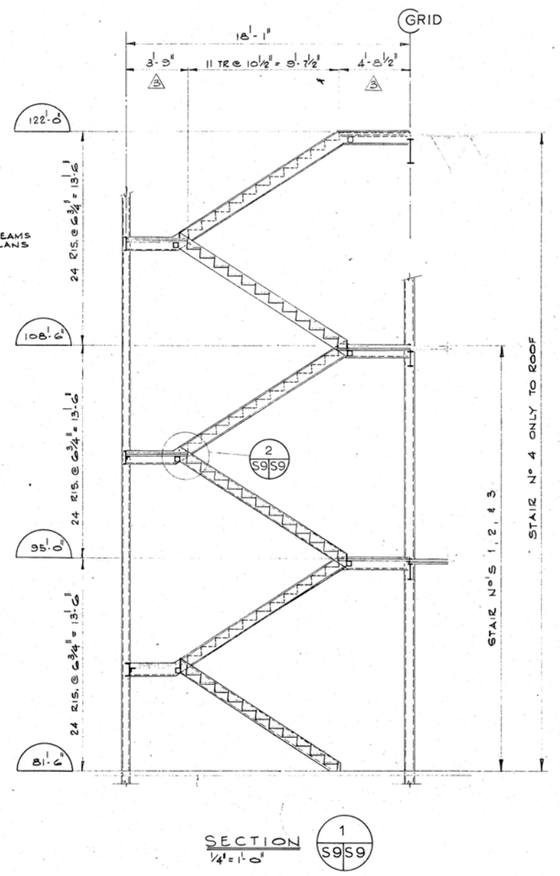
DRAWING NO.
S9
△5



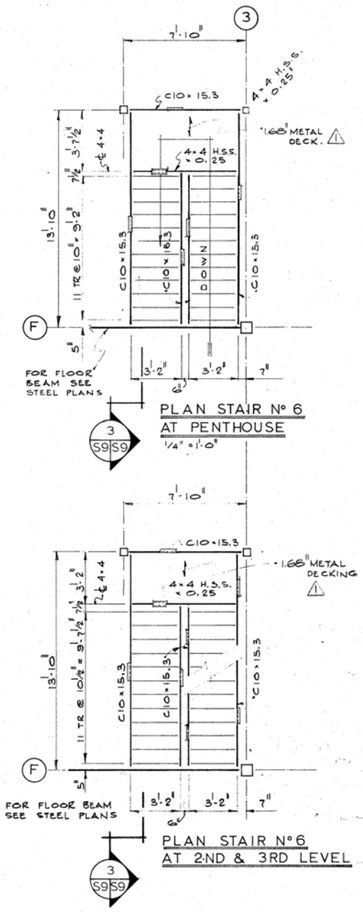

PLAN STAIR Nº 1 & Nº 4 1/4"=1'-0"
(STAIR Nº 4 OPPOSITE HAND)




PLAN STAIR Nº 2 & Nº 3



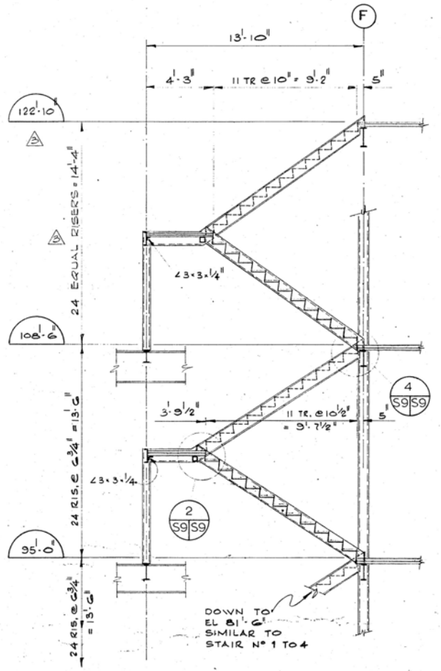

SECTION 1/4"=1'-0"



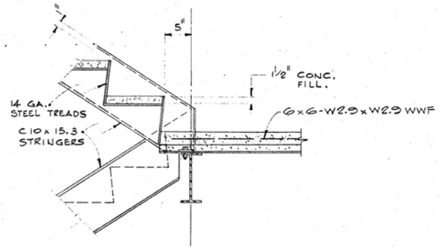

PLAN STAIR Nº 6 AT PENTHOUSE 1/4"=1'-0"



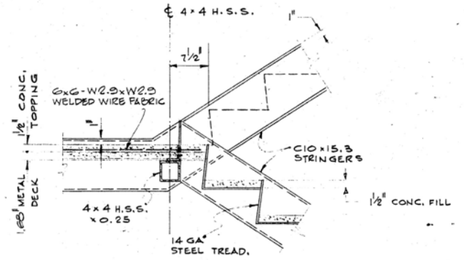

PLAN STAIR Nº 6 AT 2ND & 3RD LEVEL



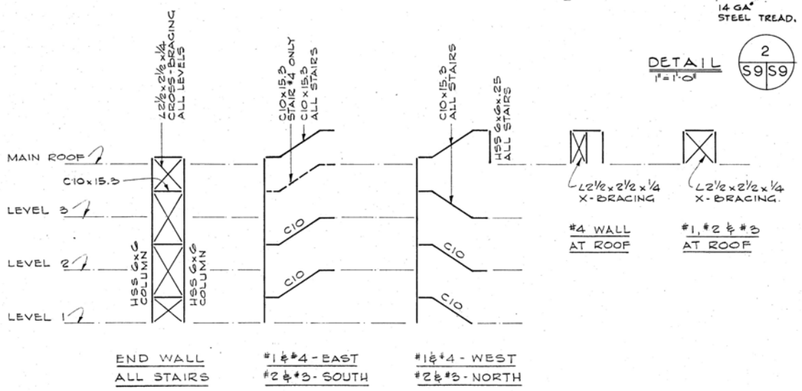

SECTION 3 S9|S9 1/4"=1'-0"




DETAIL 4 S9|S9 1"=1'-0"




DETAIL 2 S9|S9 1"=1'-0"




STAIRS NO. 1, 2, 3 & 4 BRACING
SCALE: 1/16"=1'-0"
NOTE: SEE PLANS FOR DIMENSIONS

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST VANCOUVER B.C. TELEPHONE 688-9861

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — L.C. BOHLMAN

| NO. | DATE | REVISIONS DESCRIPTION |
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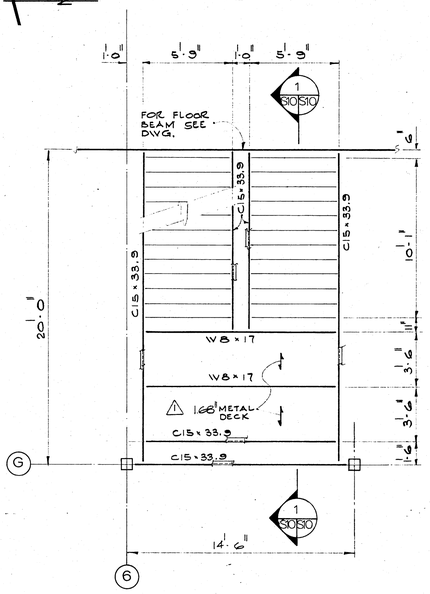
| 5 | 29/9/76 | Revised to 'As Built' |

PROJECT NO. 89857
DATE NOV. 16/73 | SCALE NOTED
DRAWN GT | CHECK HC
APPROVED [illegible]

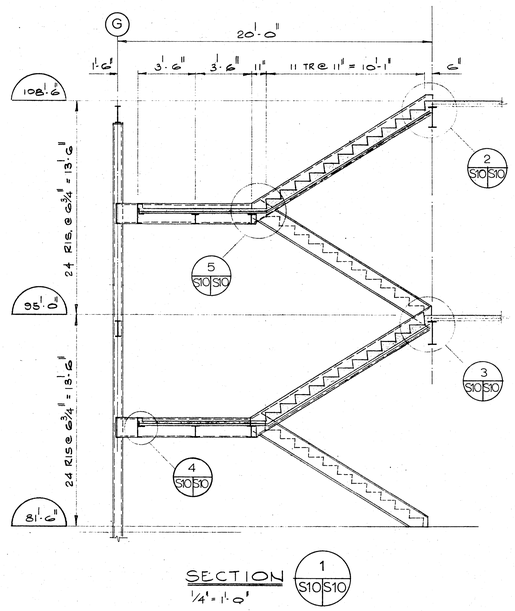
GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
STAIR SHEET No. 1
PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

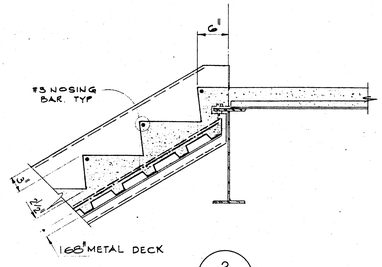
DRAWING NO. S9



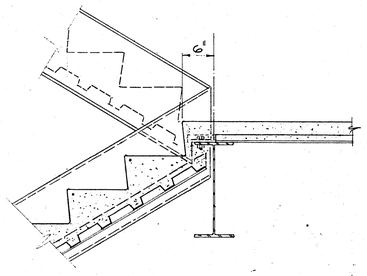

PLAN - STAIR N° 5 1/4"=1'-0"



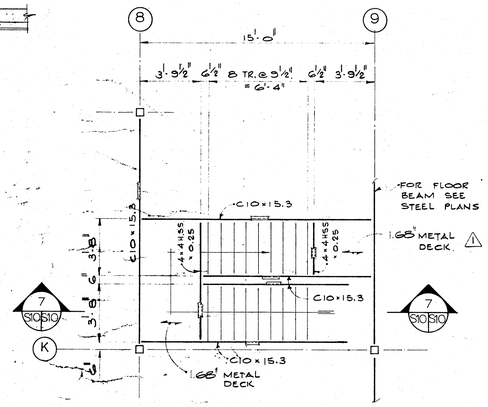

SECTION 1/4"=1'-0" 1 S10 S10



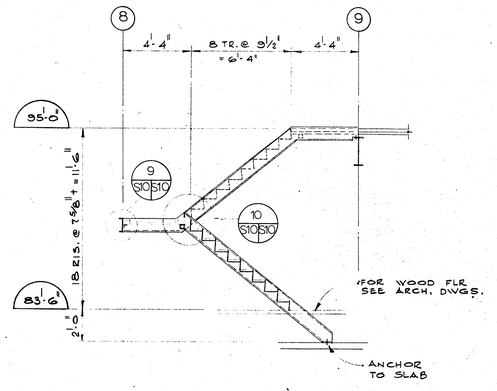

DETAIL 1"=1'-0" 2 S10 S10



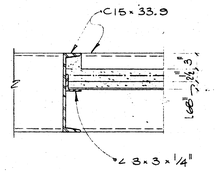

DETAIL 1"=1'-0" 3 S10 S10



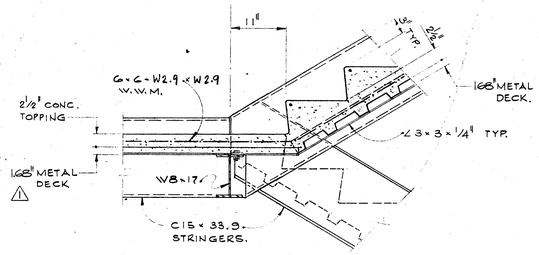

PLAN STAIR N° 8 1/4"=1'-0"



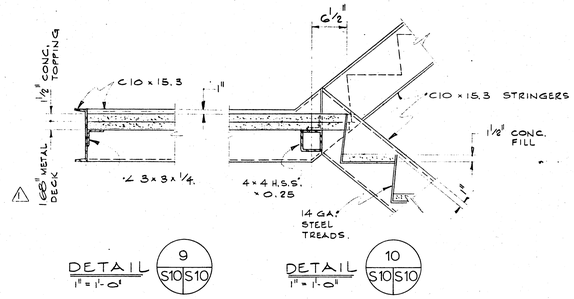

SECTION 1/4"=1'-0" 7 S10 S10




DETAIL 1"=1'-0" 4 S10 S10



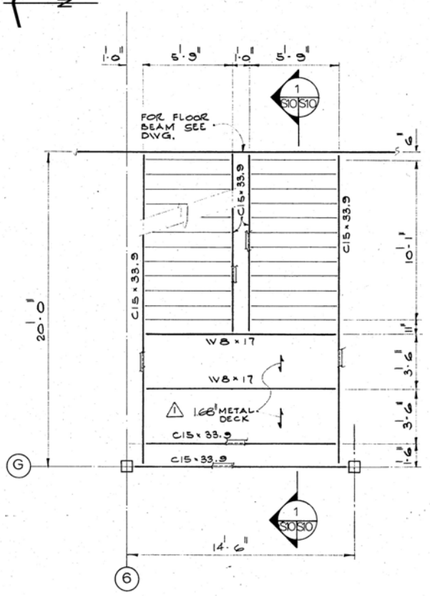

DETAIL 1"=1'-0" 5 S10 S10



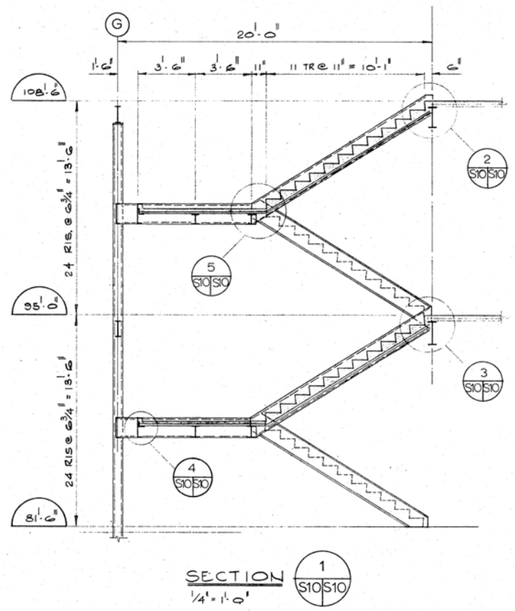

DETAIL 1"=1'-0" 9 S10 S10

DETAIL 1"=1'-0" 10 S10 S10

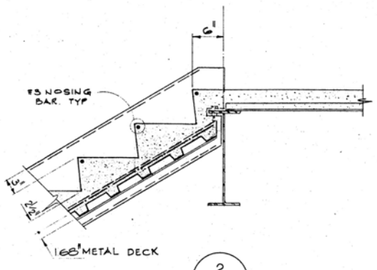
| | | |
|---|---|---|
| BUSH & BOHLMAN LTD. consulting engineers 1171 MELVILLE ST VANCOUVER B C TELEPHONE 688-9861 | PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L. C. BOHLMAN | REVISIONS<br>NO. DATE DESCRIPTION<br>1 4/1/74 GENERAL REVISION ISSUED TO DOMINION BRIDGE<br>2. 1/4/74 ISSUED FOR PHASE II MAIN CONTRACT.<br>3 19/9/96 Revised to 'As Built's'. |
| PROJECT NO. 89857<br>DATE NOV 16/73 SCALE NOTED<br>DRAWN G.T CHECK H.C<br>APPROVED | GOVERNMENT OF THE YUKON TERRITORY | DRAWING TITLE<br>STAIR SHEET No. 2<br>PROJECT TITLE<br>TERRITORIAL ADMINISTRATION BUILDING WHITEHORSE, Y.T. |
| | | DRAWING NO. S10 |



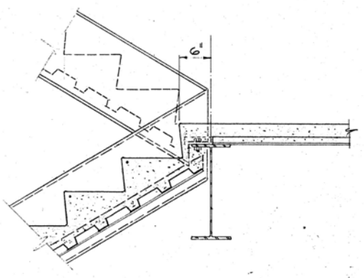

PLAN - STAIR N° 5 1/4"=1'-0"



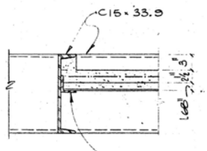

SECTION 1/4"=1'-0" 1 S10 S10



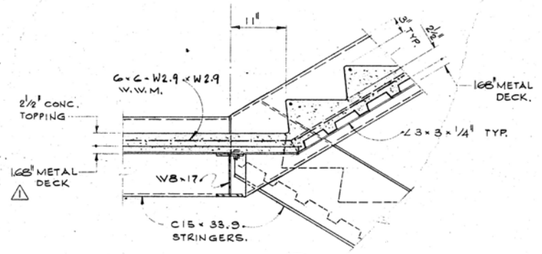

DETAIL 1"=1'-0" 2 S10 S10



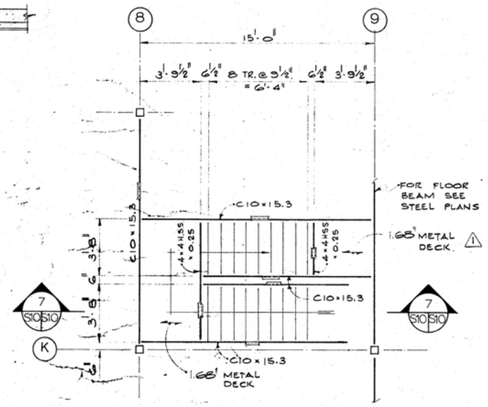

DETAIL 1"=1'-0" 3 S10 S10



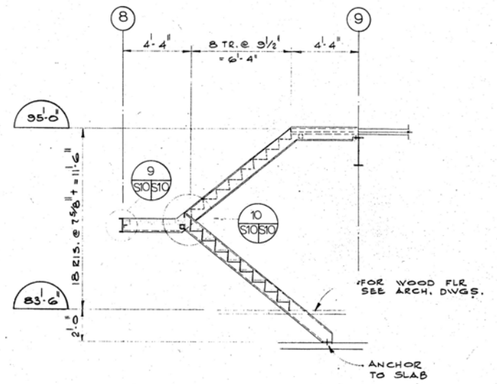

DETAIL 1"=1'-0" 4 S10 S10



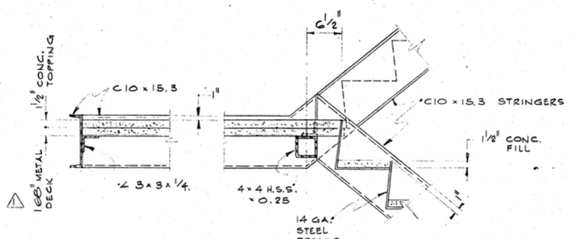

DETAIL 1"=1'-0" 5 S10 S10




PLAN STAIR N° 8 1/4"=1'-0"




SECTION 1/4"=1'-0" 7 S10 S10




DETAIL 1"=1'-0" 9 S10 S10

DETAIL 1"=1'-0" 10 S10 S10

BUSH & BOHLMAN LTD.
consulting engineers
1171 MELVILLE ST VANCOUVER B C TELEPHONE 688-8861

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — L. C. BOHLMAN

| NO. | DATE | REVISIONS DESCRIPTION |
|---|---|---|
| 1 | 4/1/74 | GENERAL REVISION ISSUED TO DOMINION BRIDGE |
| 2 | 1/4/74 | ISSUED FOR PHASE II MAIN CONTRACT. |
| 3 | 7/11/96 | Revised to 'As Built's'. |

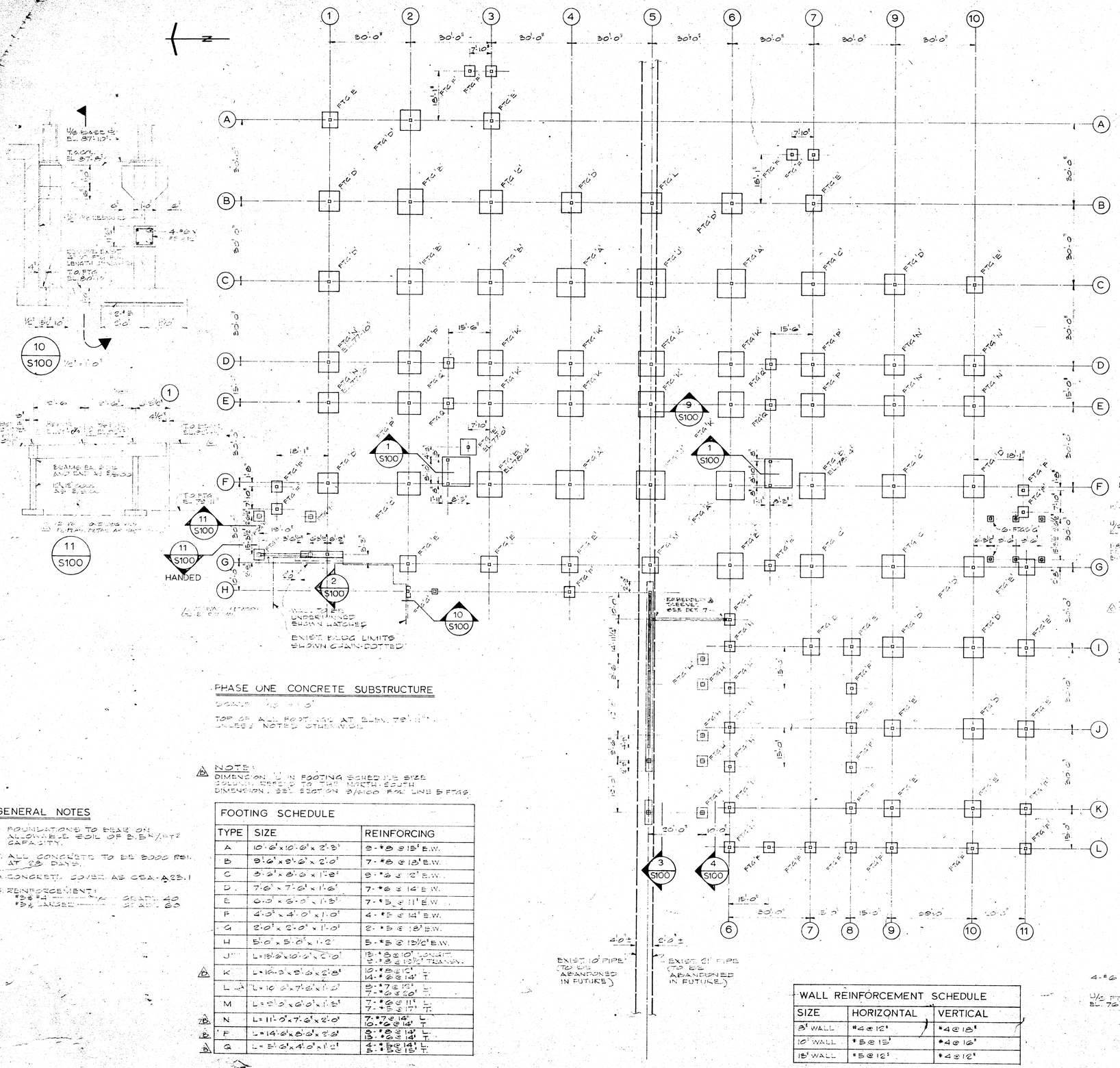
| | |
|---|---|
| PROJECT NO. | 89857 |
| DATE | NOV 16/73 |
| SCALE | NOTED |
| DRAWN | GT |
| CHECK | HC |
| APPROVED | |

GOVERNMENT OF THE YUKON TERRITORY

DRAWING TITLE
STAIR SHEET No. 2

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
S10




## PHASE ONE CONCRETE SUBSTRUCTURE

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

TOP OF ALL FOOTINGS AT ELEV. 79'-11" UNLESS NOTED OTHERWISE.

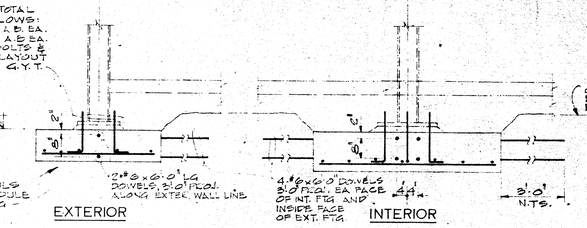
⚠ NOTE:
DIMENSION 'L' IN FOOTING SCHEDULE SIZE COLUMN REFERS TO THE NORTH-SOUTH DIMENSION. SEE SECTION 3/S100 FOR LINE 5 FTGS.

| FOOTING SCHEDULE | | |
|---|---|---|
| TYPE | SIZE | REINFORCING |
| A | 10'-6" x 10'-6" x 2'-3" | 9-#8 @ 15" E.W. |
| B | 9'-6" x 9'-6" x 2'-0" | 7-#8 @ 18" E.W. |
| C | 8'-3" x 8'-3" x 1'-9" | 9-#6 @ 12" E.W. |
| D | 7'-6" x 7'-6" x 1'-6" | 7-#6 @ 14" E.W. |
| E | 6'-0" x 6'-0" x 1'-3" | 7-#5 @ 11" E.W. |
| F | 4'-0" x 4'-0" x 1'-0" | 4-#5 @ 14" E.W. |
| G | 2'-0" x 2'-0" x 1'-0" | 2-#5 @ 18" E.W. |
| H | 5'-0" x 5'-0" x 1'-2" | 5-#5 @ 12½" E.W. |
| J | L=18'-6" x 10'-6" x 2'-0" | 18-#8 @ 10" LONGIT. 13-#8 @ 15½" TRANSV. |
| ⚠ K | L=16'-3" x 8'-6" x 2'-8" | 10-#8 @ 12" L. 14-#8 @ 14" T. |
| L | L=10'-6" x 7'-6" x 1'-2" | 8-#7 @ 12" L. 7-#6 @ 20" T. |
| M | L=8'-3" x 6'-0" x 1'-8" | 7-#6 @ 11" L. 7-#5 @ 17" T. |
| ⚠ N | L=11'-0" x 7'-6" x 2'-0" | 7-#7 @ 14" L. 10-#6 @ 14" T. |
| ⚠ F | L=14'-6" x 8'-6" x 2'-8" | 8-#6 @ 14" L. 8-#6 @ 14" T. |
| ⚠ Q | L=5'-6" x 4'-0" x 1'-0" | 4-#5 @ 14" L. 5-#5 @ 15" T. |

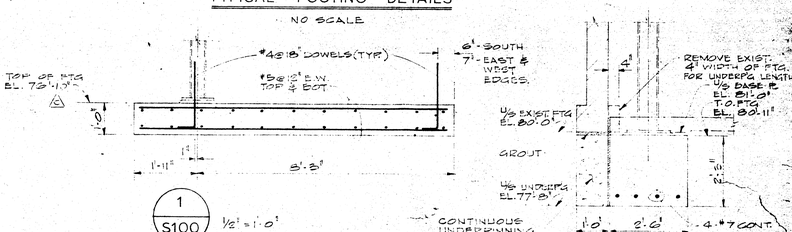
## GENERAL NOTES

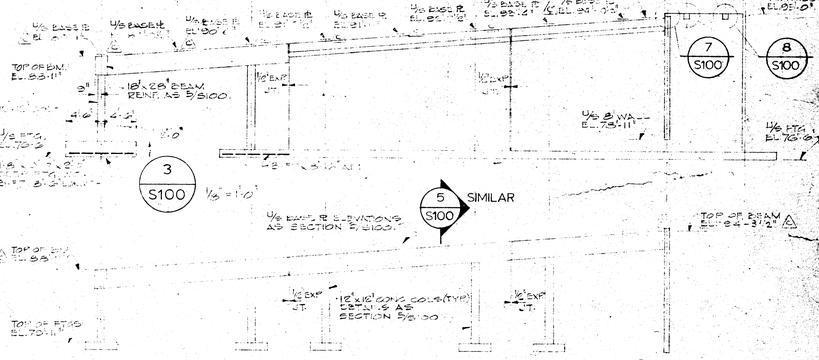
1. FOUNDATIONS TO REST ON UNDISTURBED SOIL OF 3.5 KN/M² CAPACITY.
2. ALL CONCRETE TO BE 30 MPa AT 28 DAYS.
3. CONCRETE COVER AS CSA-A23.1
4. REINFORCEMENT:
   #25 & #30 ——— GRADE 400
   #15 & #20 ——— GRADE 300

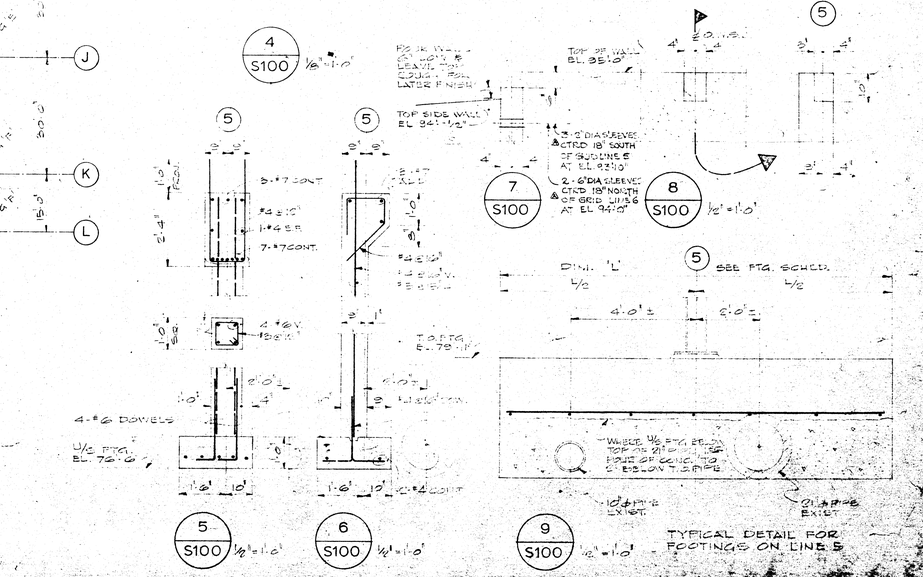
NOTE:
368 A. BOLTS TOTAL REQ'D AS FOLLOWS:
84 COLS - 2 A.B. EA.
50 COLS - 4 A.B. EA.
ALL ANCHOR BOLTS & ANCHOR BOLT LAYOUT SUPPLIED BY G.Y.T.




TYPICAL FOOTING DETAILS
NO SCALE




| WALL REINFORCEMENT SCHEDULE | | |
|---|---|---|
| SIZE | HORIZONTAL | VERTICAL |
| 8" WALL | #4 @ 12" | #4 @ 18" |
| 10" WALL | #5 @ 15" | #4 @ 16" |
| 18" WALL | #5 @ 12" | #4 @ 12" |

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R.C. BOHLMAN BRITISH COLUMBIA ENGINEER

REVISIONS

| NO. | DATE | DESCRIPTION |
|---|---|---|
| A | 11/3/71 | ENTRY RAMP ELEVATIONS AS NOTED. DETAILS 11, 2, 4, 8, 7 |
| B | 1971/12/22 | ADDED FOOTINGS ON GRID LINES D & E. ADDENDA Nº 8 |
| C | 1972/1/26 | CHANGE EL. HOLD HOLES IN U/S FTG'S, #16 @ 3'-0" CTS, #12 @ 3'-0" CTS, NO DOWELS IN LINE 5 |
| D | 1972/10/6 | Revised to "As Built" |

PROJECT 8888

GOVERNMENT OF THE YUKON TERRITORY

CANADA

PHASE ONE CONCRETE SUBSTRUCTURE

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

TOP OF ALL FOOTINGS AT EL. 79'-11" UNLESS NOTED OTHERWISE

EXIST. BLDG LIMITS SHOWN CHAIN-DOTTED

EXIST. 10" PIPE (TO BE ABANDONED IN FUTURE)

EXIST. 21" PIPE (TO BE ABANDONED IN FUTURE)

EXPANSION & SLEEVE, SEE DET. 7

## GENERAL NOTES

1. FOUNDATIONS TO REST ON ALLOWABLE SOIL OF 3.5 KSF/FT² CAPACITY.
2. ALL CONCRETE TO BE 3000 PSI. AT 28 DAYS.
3. CONCRETE COVER AS CSA-A23.1
4. REINFORCEMENT:
   - 35 #4 ——— GRADE 40
   - 35 #5 & LARGER ——— GRADE 60

⚠ NOTE:
DIMENSION 'L' IN FOOTING SCHEDULE IS SIZE COLUMN PARALLEL TO THE NORTH-SOUTH DIMENSION, SEE SECTION 9/S100 FOR LINE 5 FTGS.

| FOOTING SCHEDULE | | |
|---|---|---|
| TYPE | SIZE | REINFORCING |
| A | 10'-6" x 10'-6" x 2'-3" | 9-#8 @ 15" E.W. |
| B | 9'-6" x 9'-6" x 2'-0" | 7-#8 @ 18" E.W. |
| C | 8'-3" x 8'-0" x 1'-8" | 8-#6 @ 12" E.W. |
| D | 7'-6" x 7'-6" x 1'-6" | 7-#6 @ 14" E.W. |
| E | 6'-0" x 6'-0" x 1'-3" | 7-#5 @ 11" E.W. |
| F | 4'-3" x 4'-0" x 1'-0" | 4-#5 @ 14" E.W. |
| G | 2'-0" x 2'-0" x 1'-0" | 2-#5 @ 18" E.W. |
| H | 5'-0" x 5'-0" x 1'-2" | 5-#5 @ 15½" E.W. |
| J | L = 18'-6" x 10'-6" x 2'-0" | 18-#8 @ 10" COUNTER 9-#8 @ 15½" TRANSV. |
| ⚠ K | L = 16'-3" x 8'-6" x 2'-8" | 10-#8 @ 12" L. 14-#8 @ 14" T. |
| L | L = 10'-6" x 7'-6" x 1'-2" | 5-#7 @ 12" L. 7-#6 @ 20" T. |
| M | L = 5'-0" x 6'-0" x 1'-5" | 7-#6 @ 11" L. 7-#5 @ 17" T. |
| ⚠ N | L = 11'-0" x 7'-6" x 2'-0" | 7-#7 @ 14" L. 10-#6 @ 14" T. |
| ⚠ F | L = 14'-6" x 8'-6" x 2'-6" | 8-#6 @ 14" L. 8-#6 @ 14" T. |
| ⚠ Q | L = 5'-6" x 4'-0" x 1'-0" | 4-#5 @ 14" L. 5-#5 @ 15" T. |

| WALL REINFORCEMENT SCHEDULE | | |
|---|---|---|
| SIZE | HORIZONTAL | VERTICAL |
| 8' WALL | #4 @ 12" | #4 @ 18" |
| 10' WALL | #5 @ 15" | #4 @ 16" |
| 18' WALL | #5 @ 12" | #4 @ 12" |

NOTES:
356 A. BOLTS TOTAL READ AS FOLLOWS:
84 COLS - 2 L.B. EA.
50 COLS - 4 A.B. EA.
A.B. - ANCHOR BOLTS & ANCHOR BOLT LAYOUT SUPPLIED BY G.Y.T.

TOP OF FTG EL. 79'-11" (UNLESS NOTED)

FOR FTG DETAILS SEE FTG SCHEDULE THIS DRAWING

EXTERIOR — INTERIOR

GENERAL EXCAVATION TO EL. 80'-0"

N.T.S.

TYPICAL FOOTING DETAILS

NO SCALE

TOP OF FTG EL. 79'-11"

GROUT

CONTINUOUS UNDERPINNING IN SHORT LENGTHS - SEE SPECIFICATIONS.

REMOVE EXIST. 4' WIDTH OF FTG. FOR UNDERPIN LENGTH

TOP OF WALL EL. 84'-1"

TOP OF BEAM EL. 84'-3½"

TOP OF SLAB EL. 84'

TOP OF FTG EL. 79'-11"

TOP SIDE WALL EL. 84'-1½"

TOP OF WALL EL. 85'-0"

SIMILAR

TYPICAL DETAIL FOR FOOTINGS ON LINE 5

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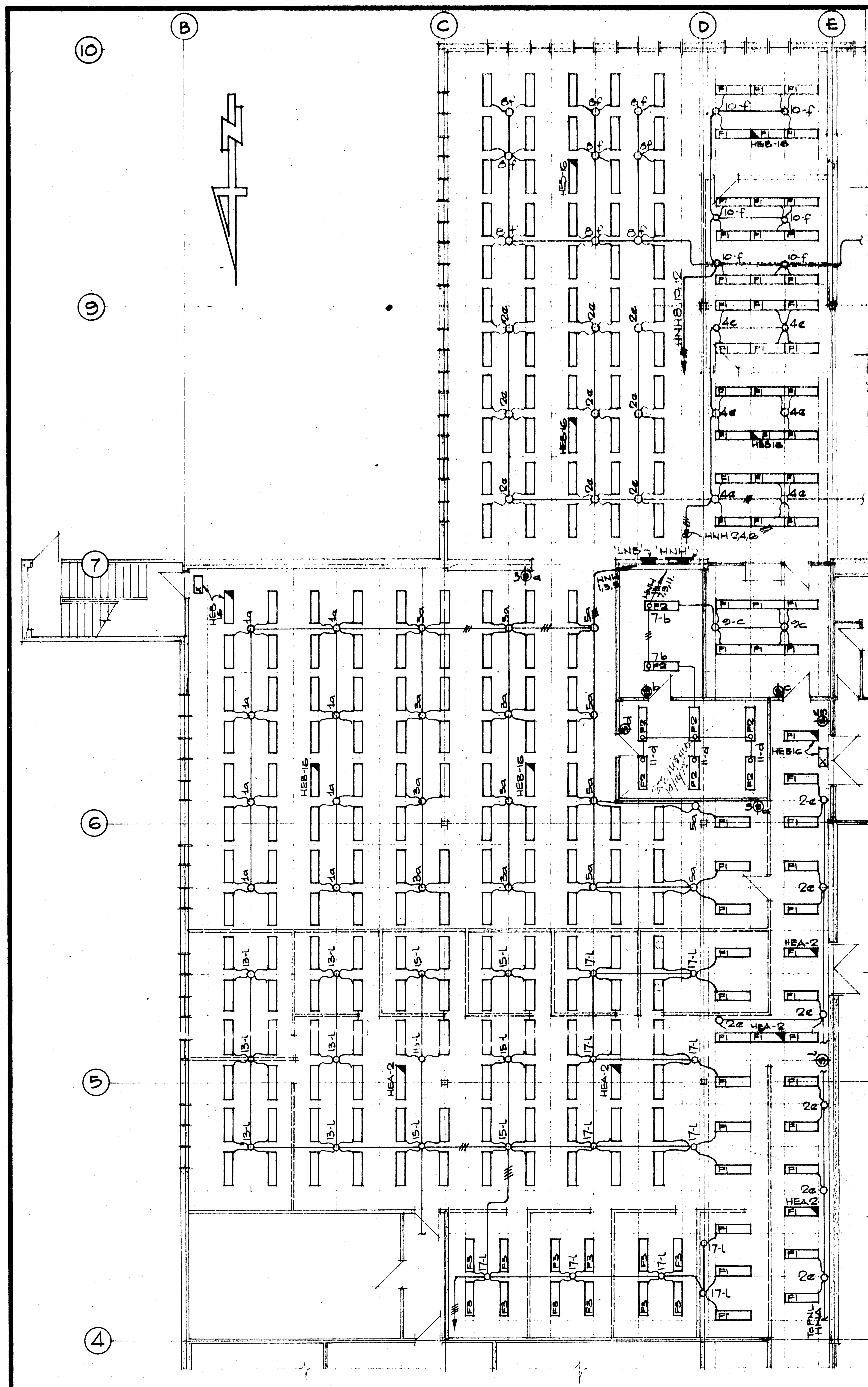
R.C. BOHLMAN
BRITISH COLUMBIA ENGINEER

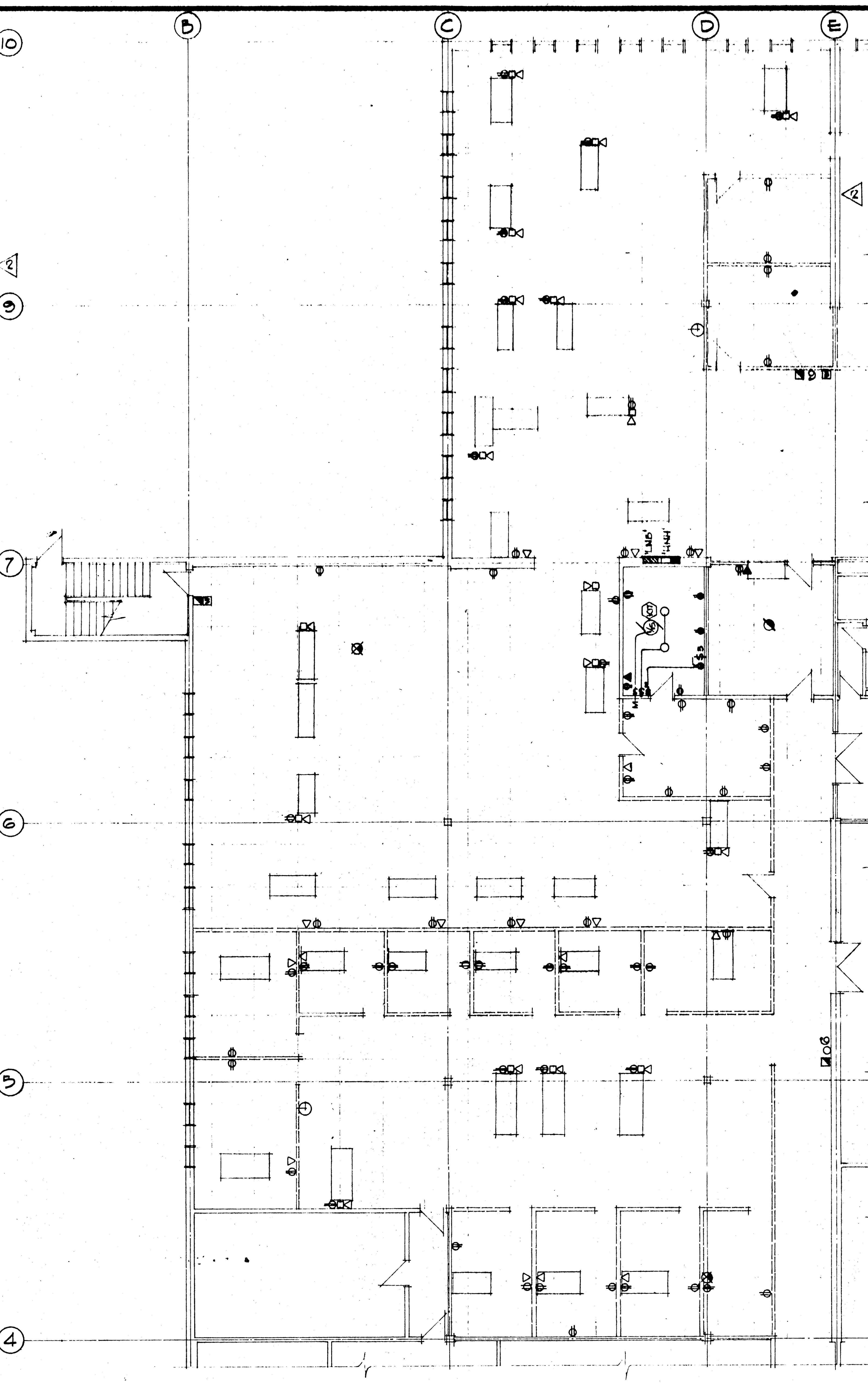
| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| ⚠ | 11/9/71 | ENTRY RAMP ELEVATIONS AS NOTED, DETAILS 1, 2, 4, & 7 |
| ⚠ | 7/8/71 | ADDENDUM FOOTINGS ON GRID LINES D & E. ADDENDA No. 3 |
| ⚠ | 2/28/71 | CHANGE EL. TOP OF FTGS IN 9/S100, 10/S100, 5/S100, 7/S100, TO FULL HEIGHT OF LINE 5 FTGS. |
| D | 71/10/06 | Revised to "As Built" |

PROJECT NO. 6888

GOVERNMENT OF THE YUKON TERRITORY




PART PLAN- LIGHTING 1/8" = 1'-0"




PART PLAN POWER - 1/8" = 1'-0"

NOTES:

1. LIGHTING.
- READ THIS DWG. IN CONJUNCTION WITH DWG E3
- ALL FIXTURES NOT OTHERWISE NOTED ARE TYPE 'F'
- ADD 4 TYPE 'F' FIXTURES TO ORIGINAL QUANTITY.
- DELETE 3 TYPE 'F1' FIXT. FROM " "
- ADD 8 TYPE 'F2' FIXTURES TO " "
- ADD 12 TYPE 'F3' FIXTURES TO " "

2. POWER
- READ THIS DWG. IN CONJUNCTION WITH DWG E5
- CIRCUIT RECEPTACLES FROM NEAREST ADJACENT OVERHEAD JUNCTION BOX, AS ORIGINAL DESIGN ON E5
- DELETE 21 "POWER" POLES FROM ORIGINAL DESIGN.
ADD 38 RECEPTACLES TO ORIGINAL DESIGN.
ADD 15 TELEPHONE OUTLETS TO ORIGINAL DESIGN.

AS BUILT DRAWINGS

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 5/12/75 | POWER PLAN ADDED |
| 2 | 6/2/76 | LIGHTING & POWER REVISED AT 'D' TO 'E' GRID '9' - DELETE 3 'F1' |

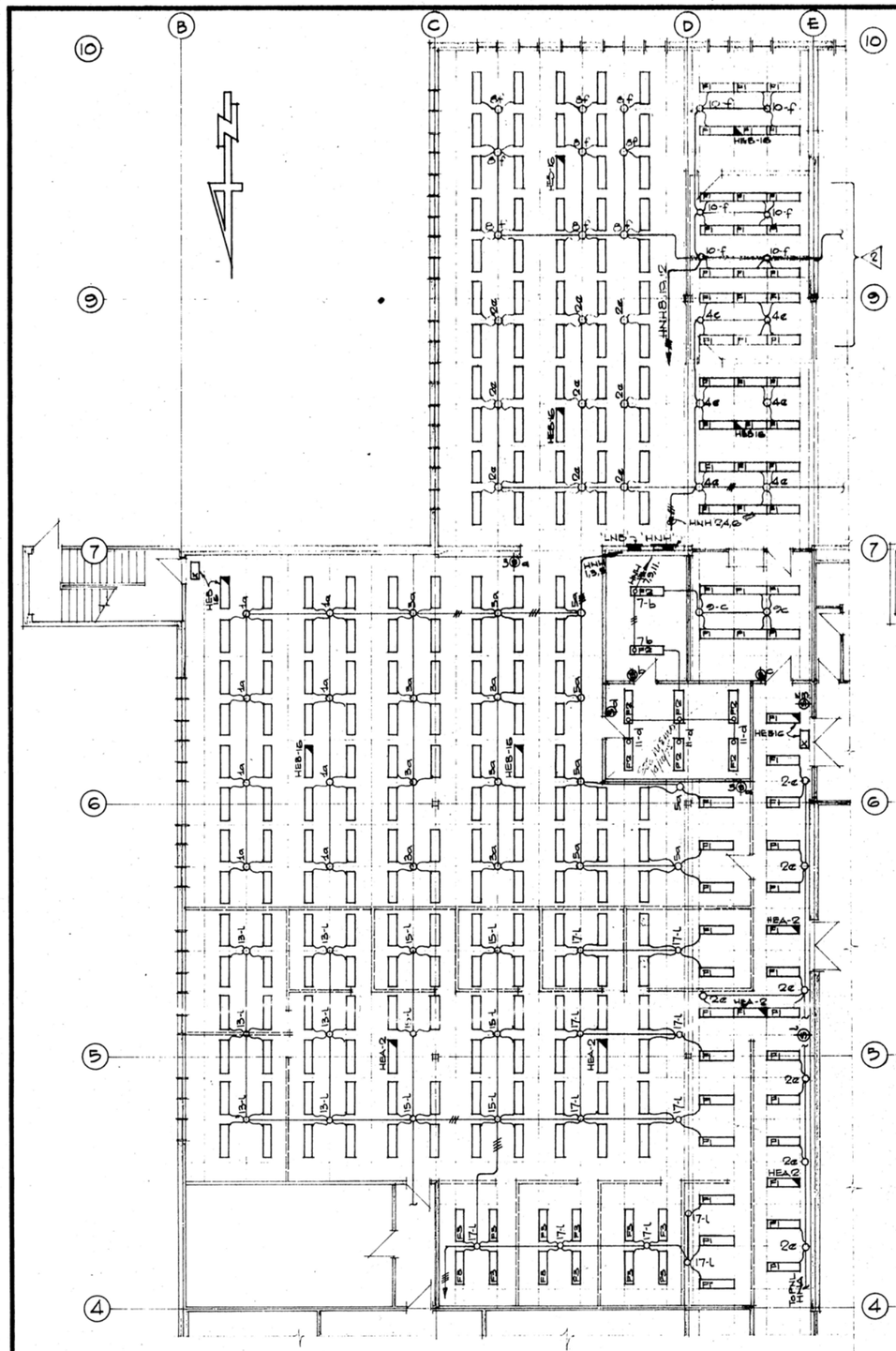
PROJECT NO. 89857
DATE | SCALE
DRAWN CS. | CHECK
APPROVED

GOVERNMENT OF THE YUKON TERRITORY

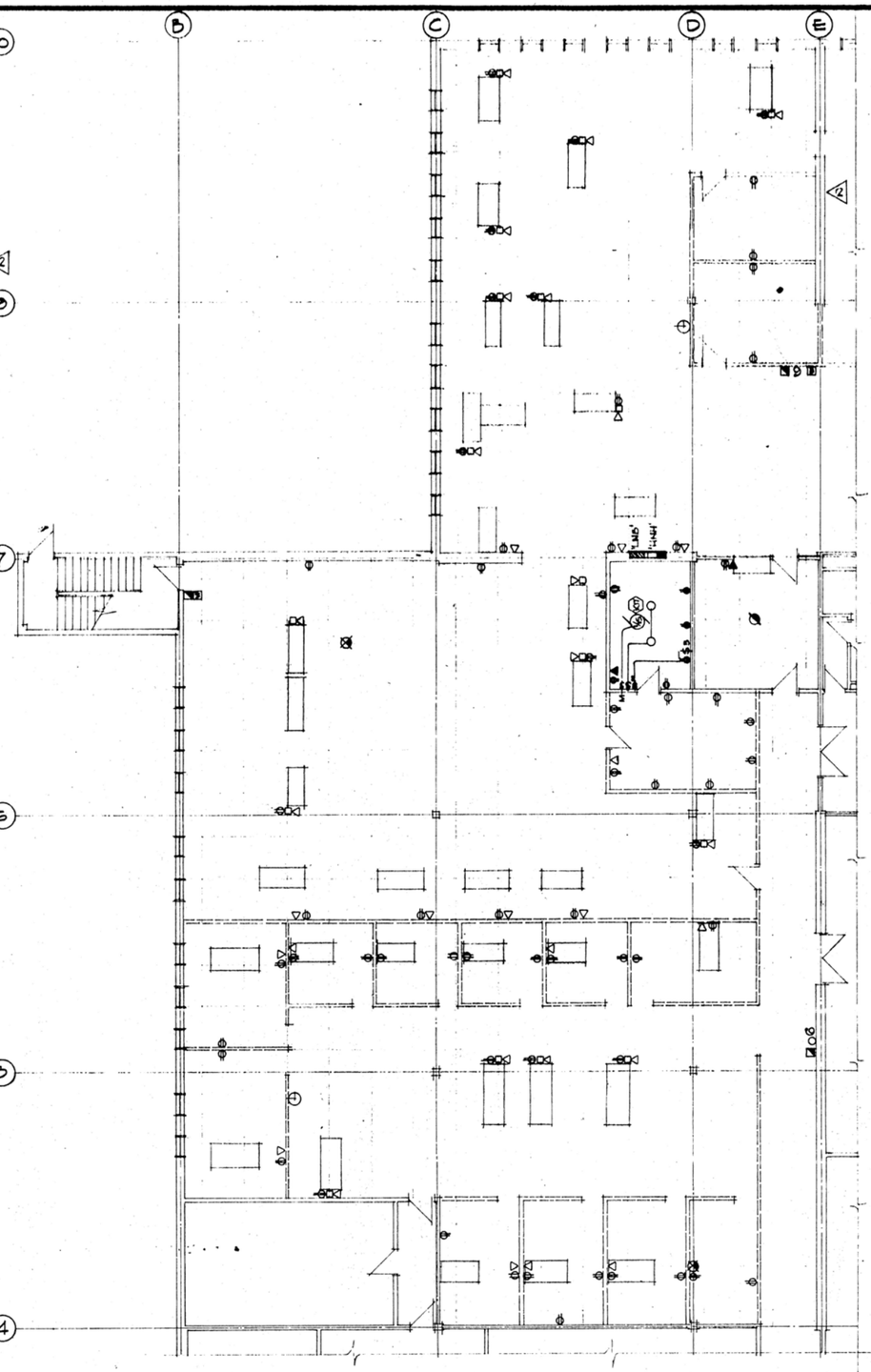
DRAWING TITLE
REVISED ELECTRICAL - LEVEL ONE EAST.
LIGHTING & POWER.

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
SK-E29
REV 2



PART PLAN- LIGHTING 1/8" = 1'-0"



PART PLAN POWER - 1/8" = 1'-0"

Notes:

1. LIGHTING.
- READ THIS DWG. IN CONJUNCTION WITH DWG E5
- ALL FIXTURES NOT OTHERWISE NOTED ARE TYPE 'F'
- ADD 4 TYPE 'F' FIXTURES TO ORIGINAL QUANTITY.
- DELETE 5 TYPE 'F1' FIXT. FROM " "
- ADD 8 TYPE 'F2' FIXTURES TO " "
- ADD 12 TYPE 'F5' FIXTURES TO " "

2. POWER
- READ THIS DWG. IN CONJUNCTION WITH DWG E5
- CIRCUIT RECEPTACLES FROM NEAREST ADJACENT OVERHEAD JUNCTION BOX, AS ORIGINAL DESIGN ON E5
- DELETE 21 'POWER' POLES FROM ORIGINAL DESIGN.
ADD 38 RECEPTACLES TO ORIGINAL DESIGN.
ADD 15 TELEPHONE OUTLETS TO ORIGINAL DESIGN.

AS BUILT DRAWINGS

| REVISIONS | | |
|---|---|---|
| NO. | DATE | DESCRIPTION |
| 1 | 5/12/15 | POWER PLAN ADDED |
| 2 | 6/2/16 | LIGHTING & POWER REVISED AT 'D' TO 'E' GRIDS - DELETE 3 'F1' |

PROJECT NO. 89857

DATE | SCALE

DRAWN JB. | CHECK

APPROVED

**GOVERNMENT OF THE YUKON TERRITORY**

DRAWING TITLE
REVISED ELECTRICAL - LEVEL ONE EAST.
LIGHTING & POWER.

PROJECT TITLE
TERRITORIAL ADMINISTRATION BUILDING
WHITEHORSE, Y.T.

DRAWING NO.
SK-E29
REV 2