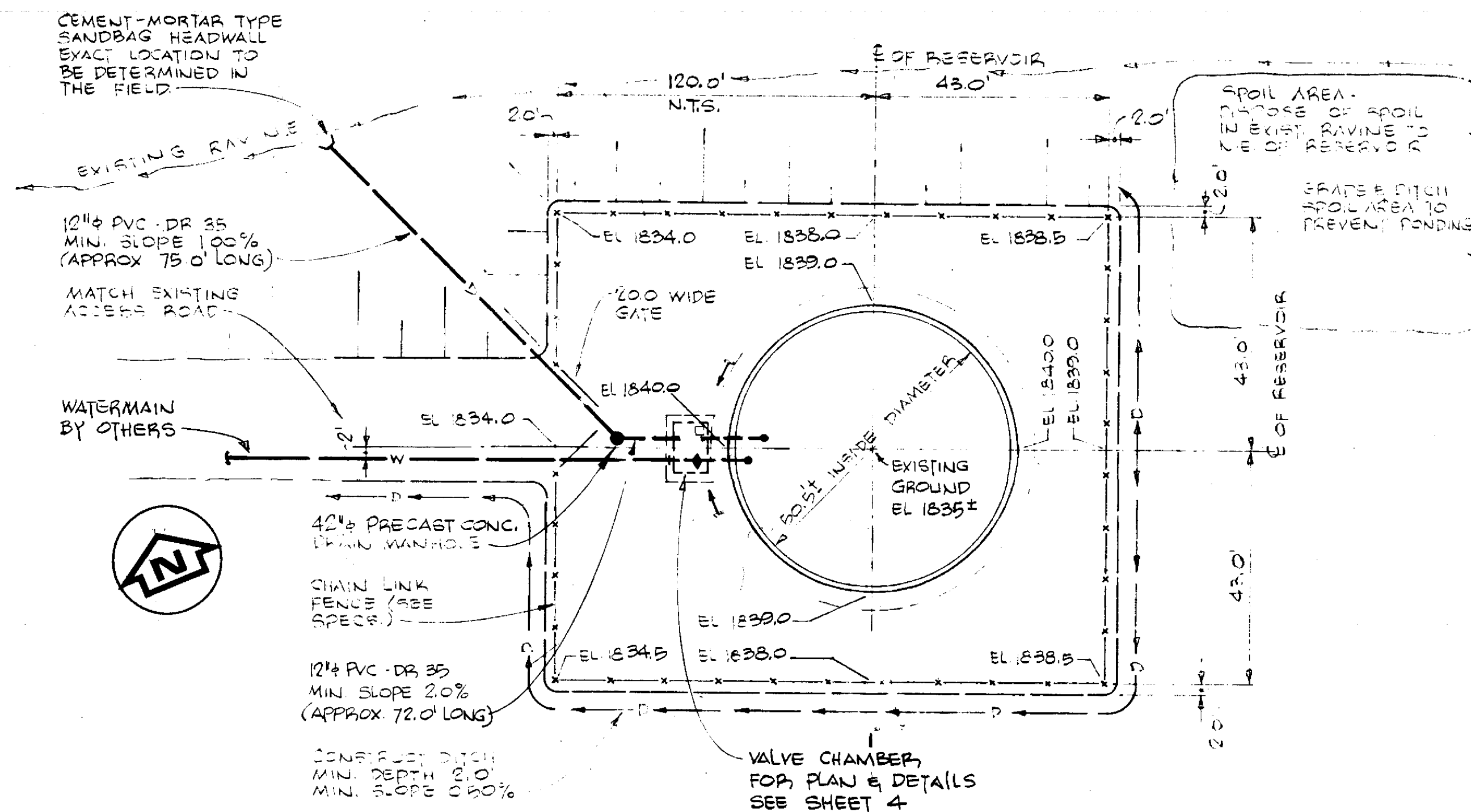
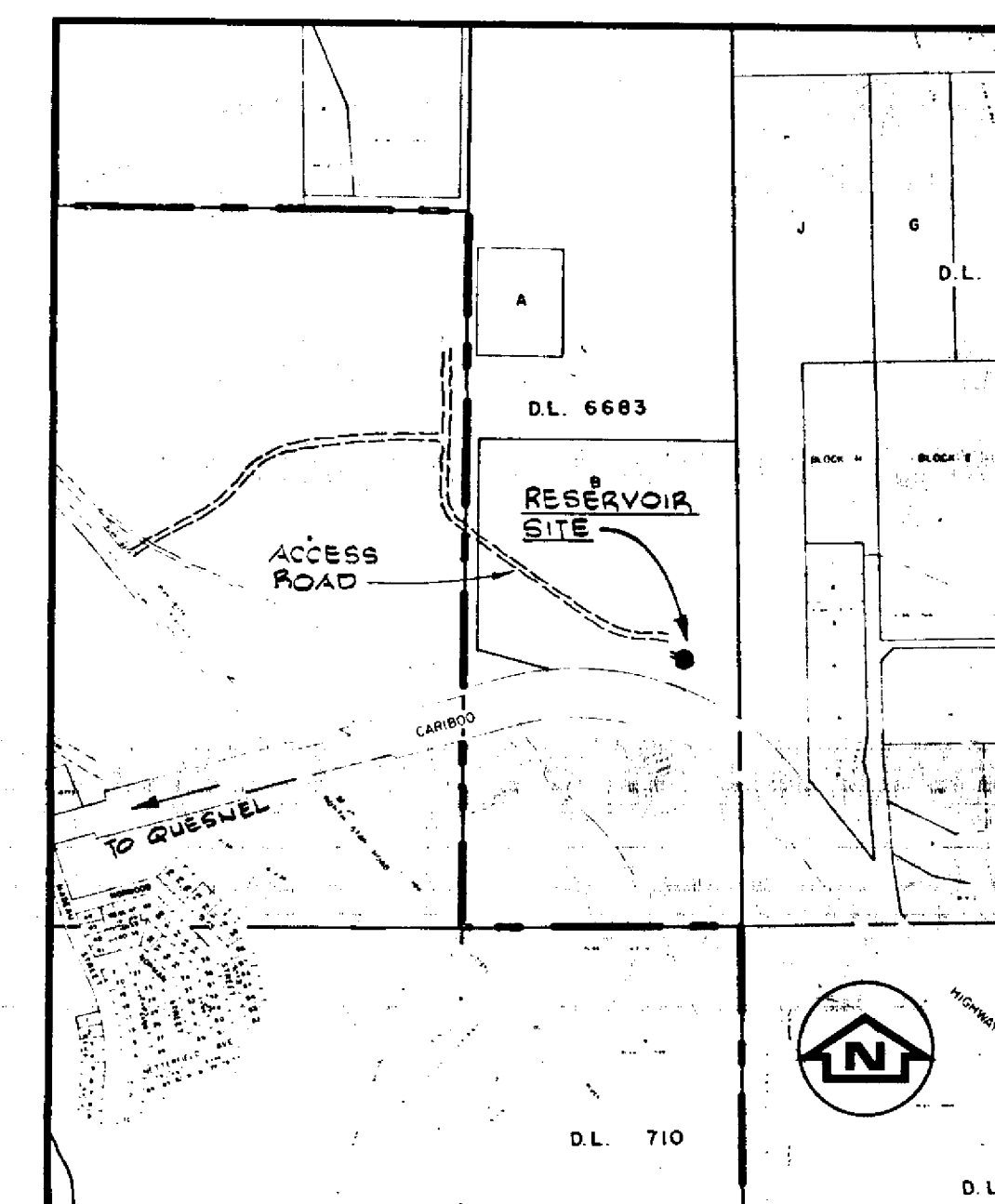
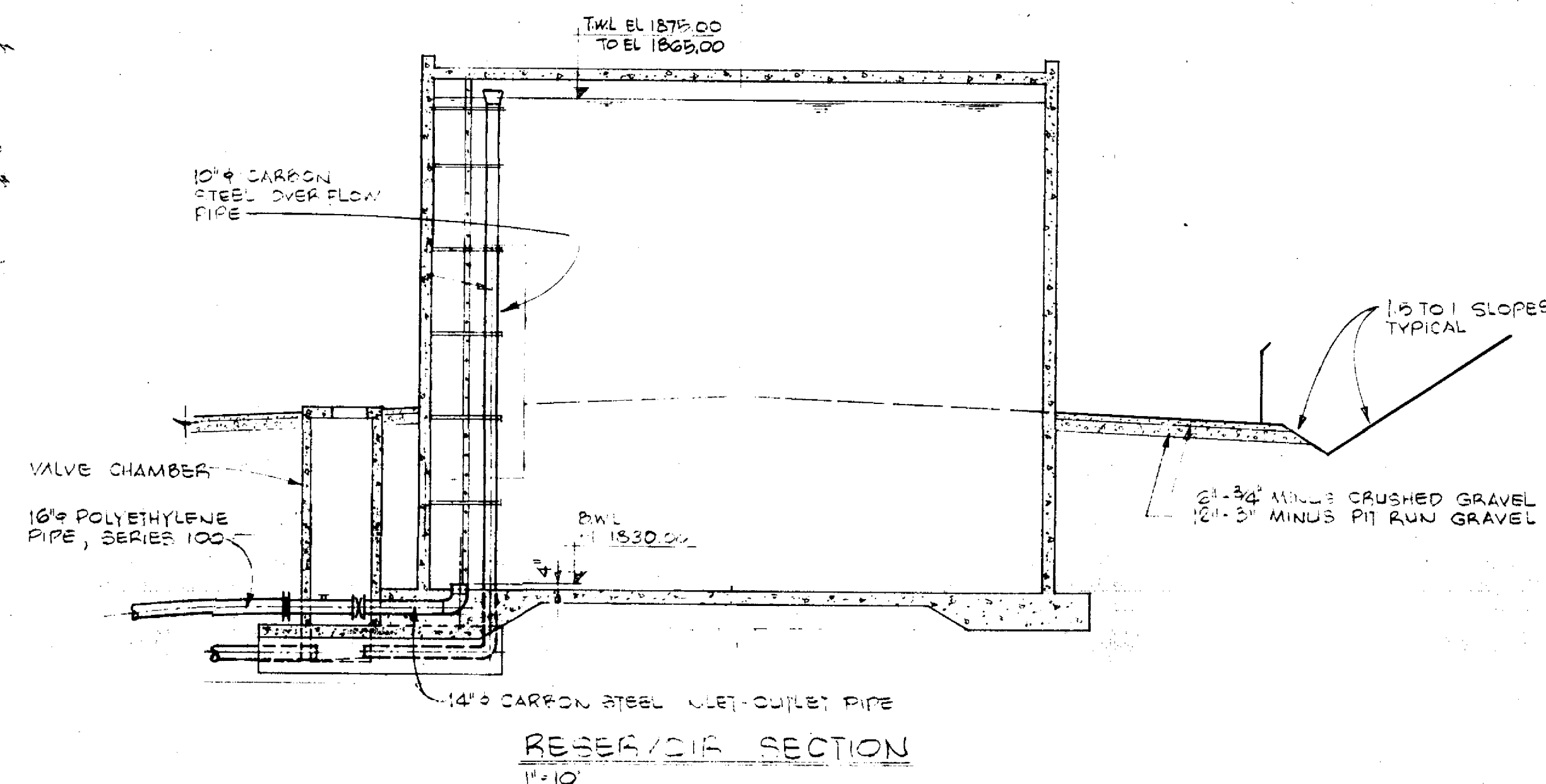




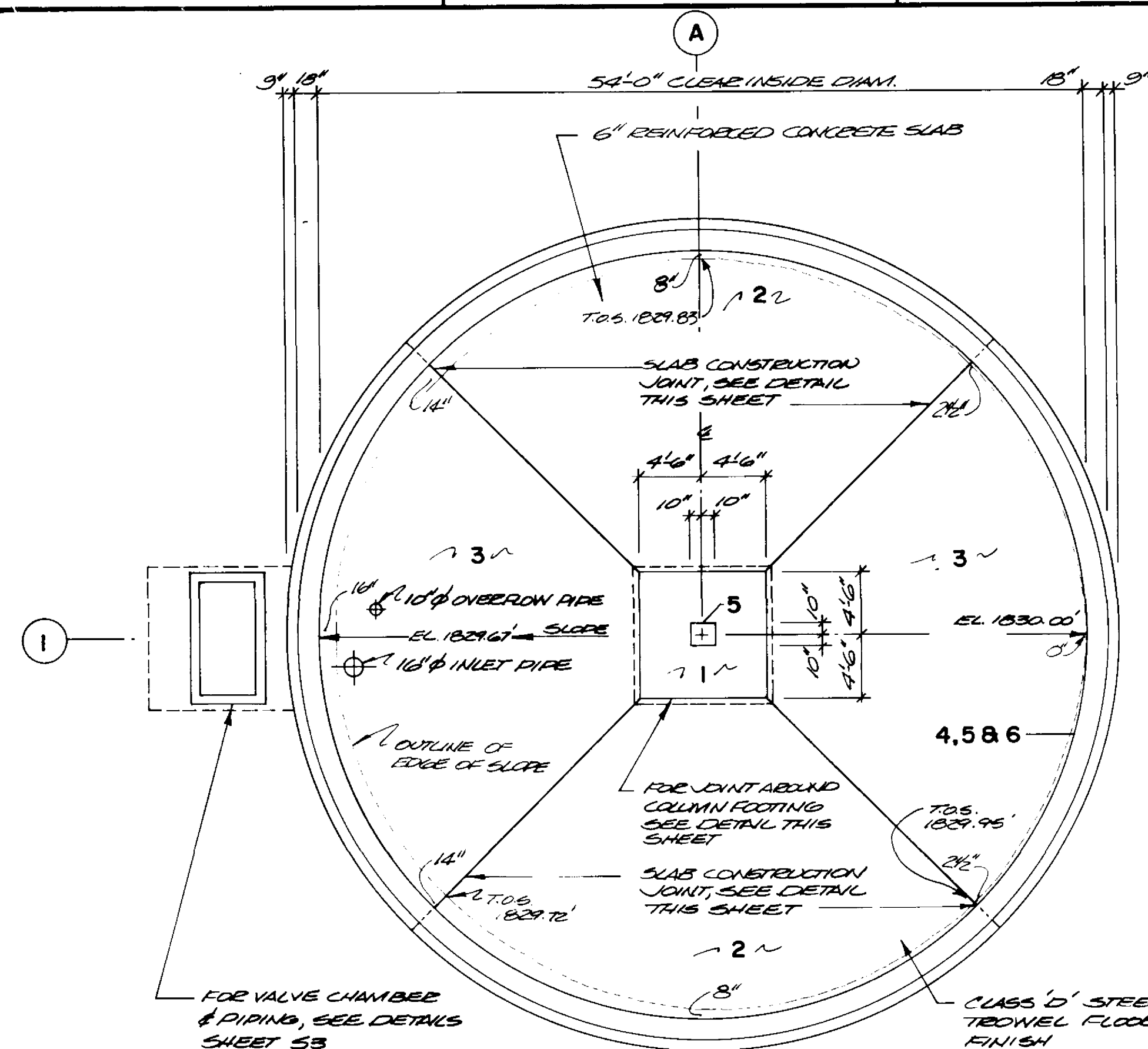
RESERVOIR SITE PLAN
1"=20'



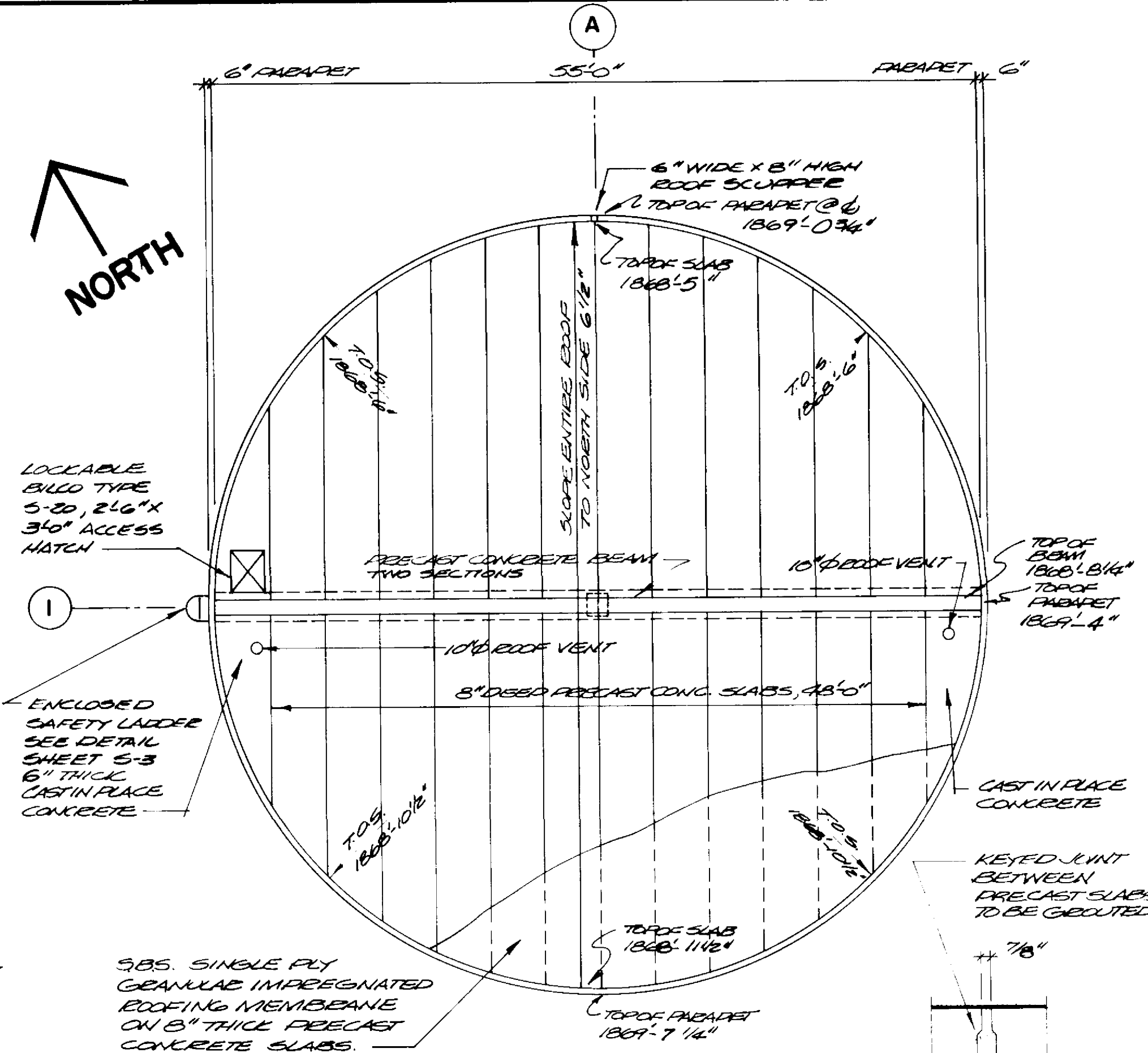
LOCATION PLAN SCALE 1:10000

A SUPERSEDES DWG 43-1819-2/31-3	30 NOV 83 LP	DESIGN JFB DRAWN LP CHECKED APPROVED DATE SEPT 1983 SCALE FIELD BOOK No.	Willis Cunliffe Tait DeLCan CONSULTING ENGINEERS & PLANNERS	CITY OF QUESNEL THREE MILE FLATS AND/OR DRAGON LAKE HILL RESERVOIR(S) CONTRACT 2 DRAGON LAKE HILL RESERVOIR PLAN & SECTION	DHW-43-1819-2/31-3	SHEET No. 5 OF 6 REV. A DRAWING No. 43-1819-2/31-5
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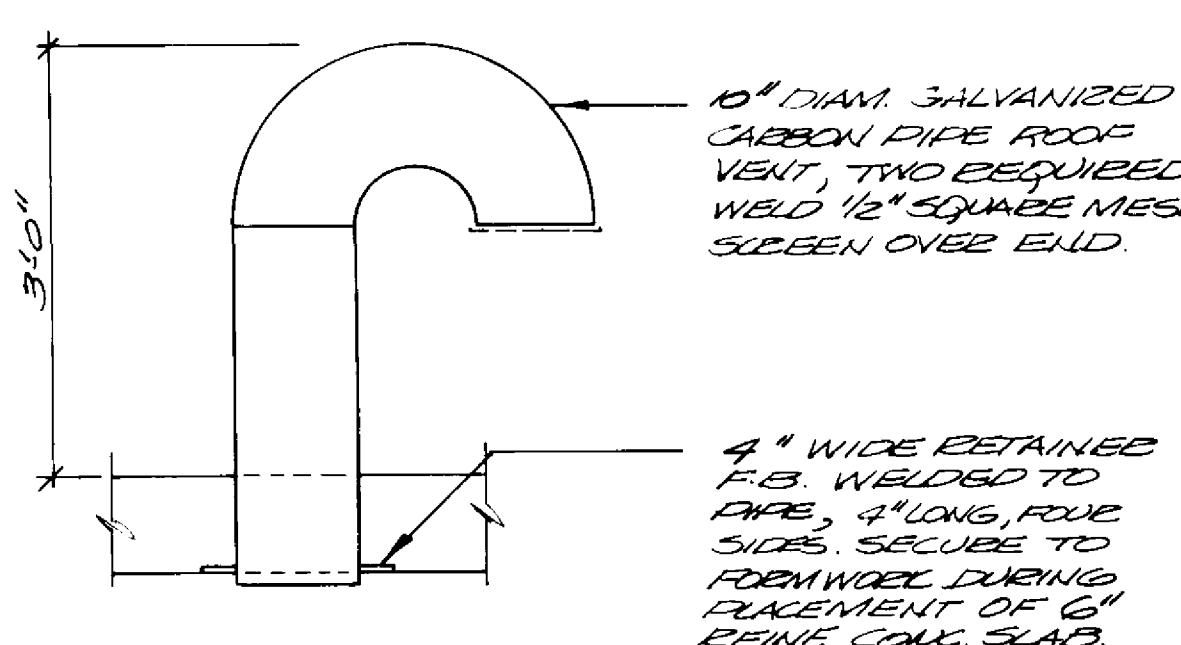
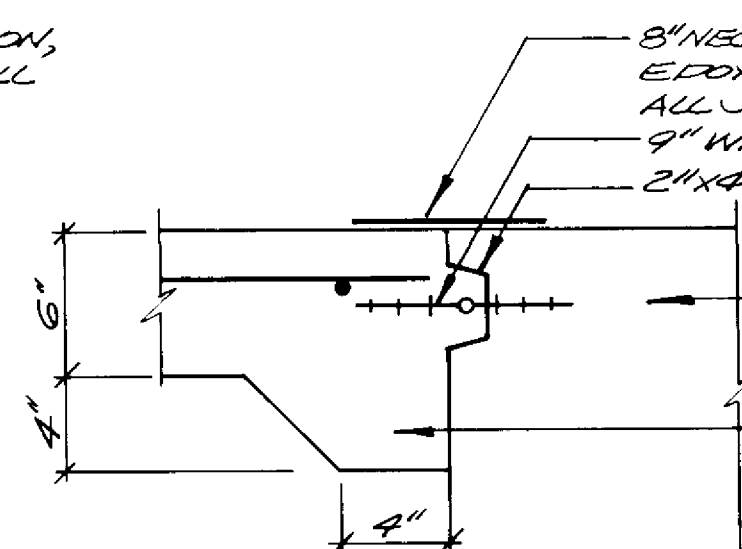
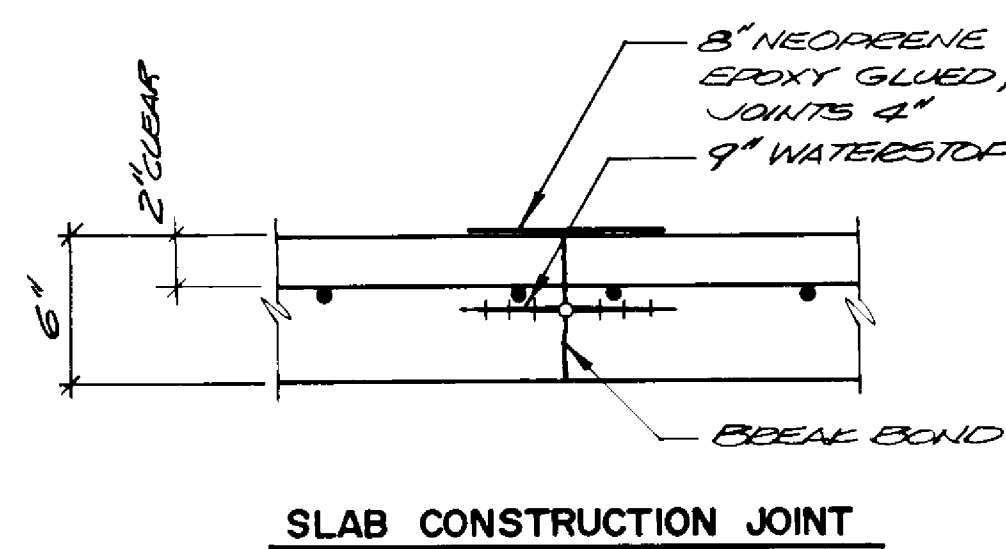
83-19-S1



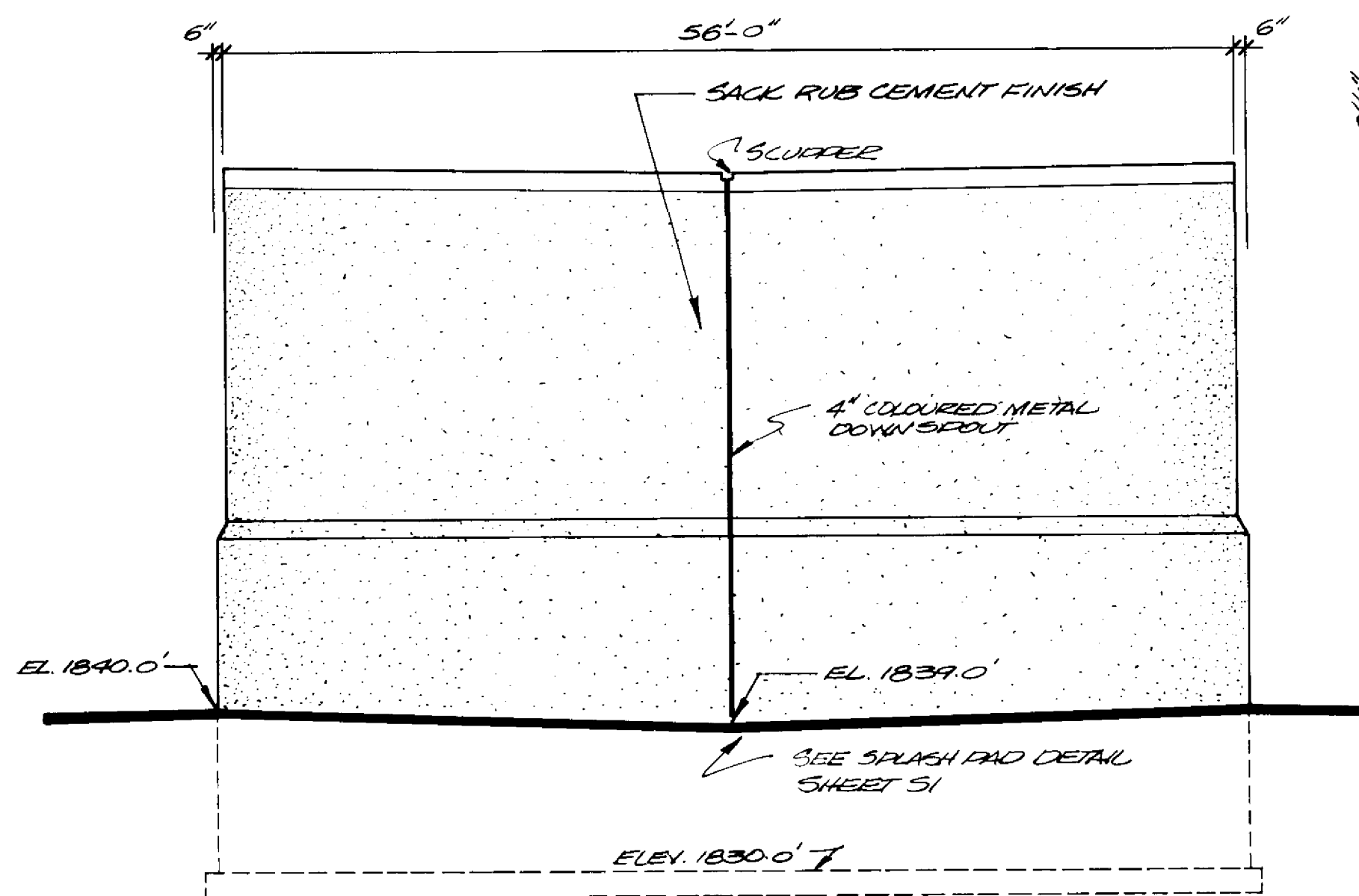
FOUNDATION PLAN 1/8" = 1'-0"



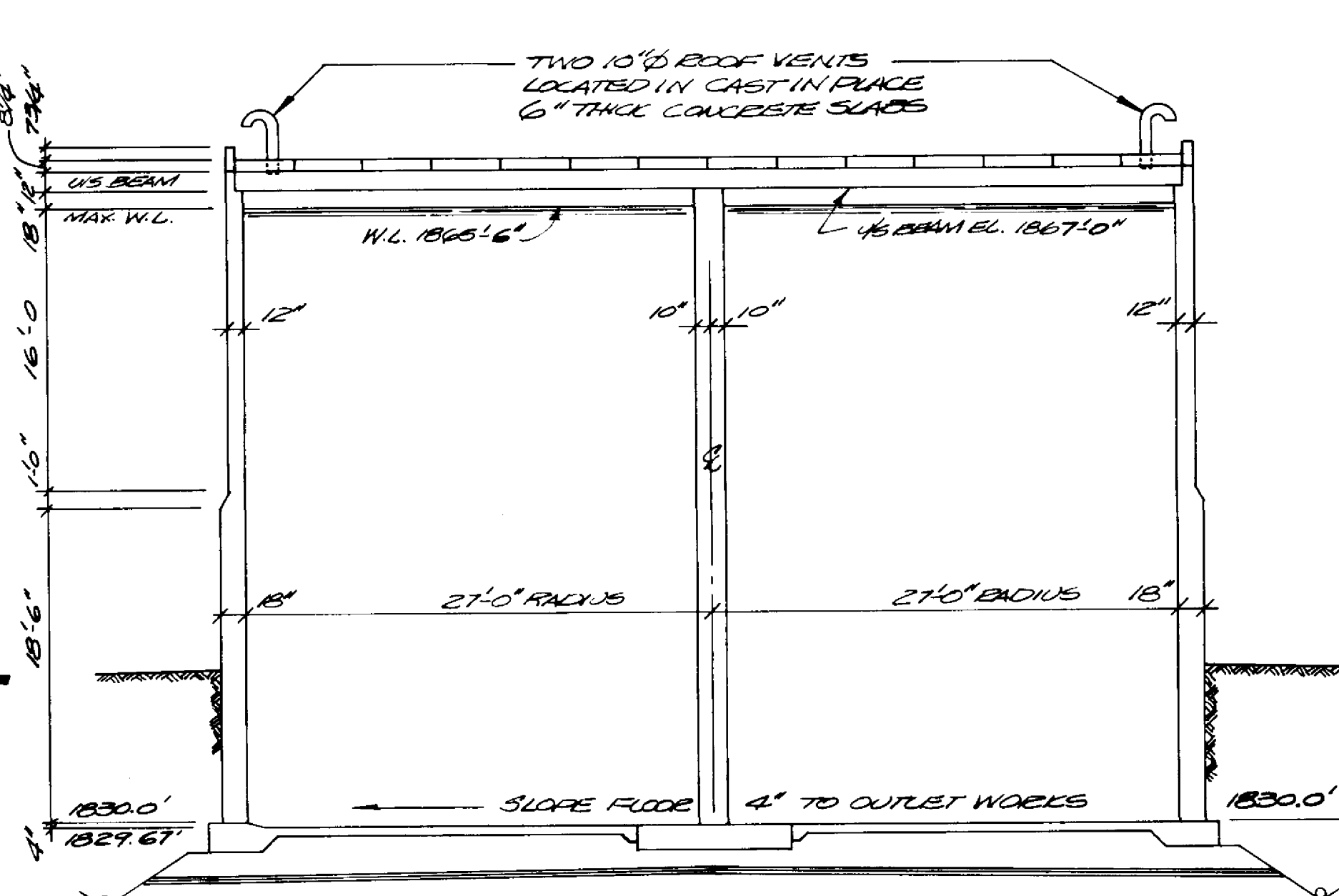
ROOF PLAN 1/8" = 1'-0"



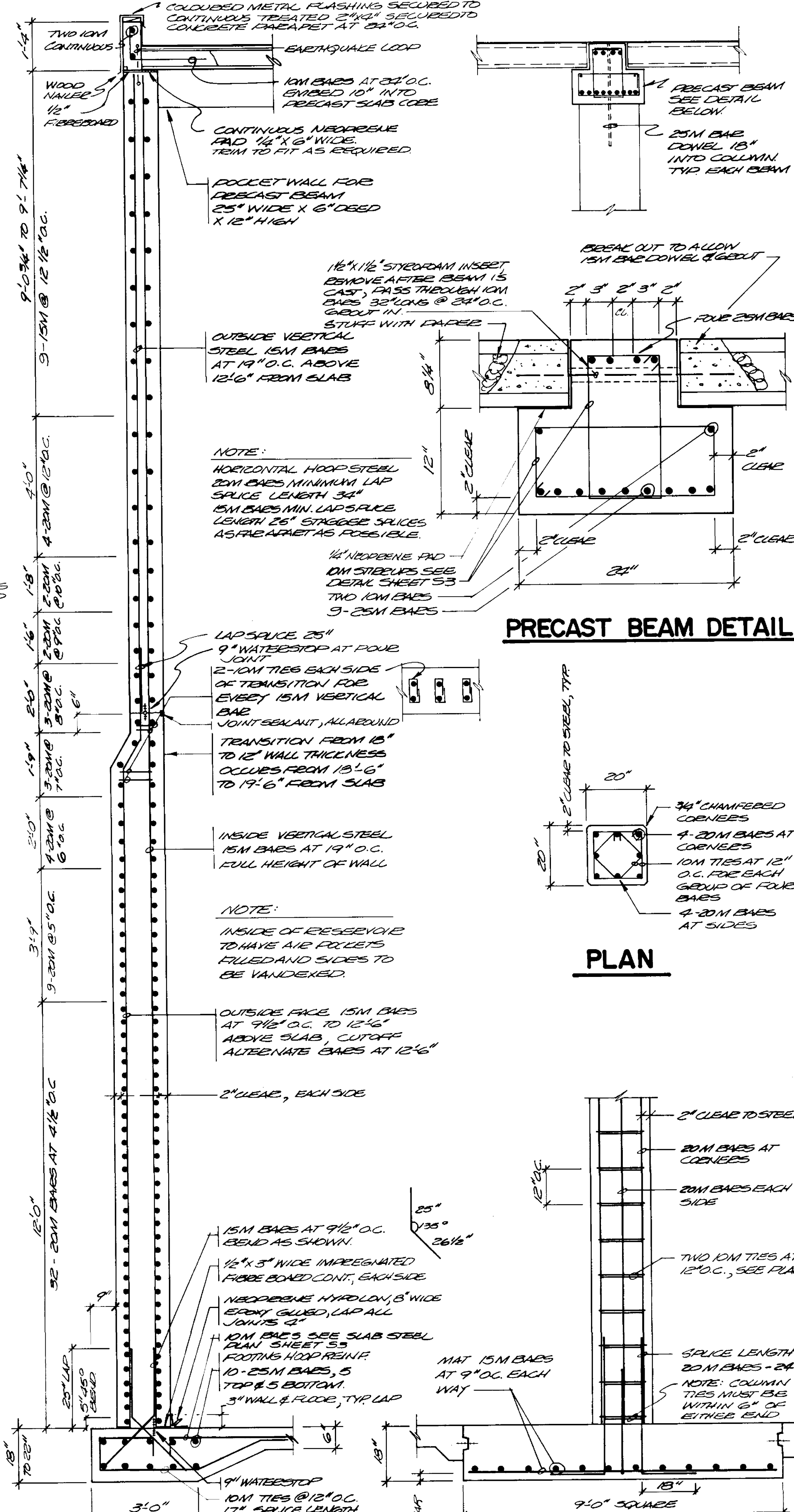
PRECAST SLAB JOINT



NORTH ELEVATION 1/8" = 1'-0"



CROSS-SECTION 1/8" = 1'-0"
(THROUGH BAY LINE I)



WALL & FOOTING DETAIL
1/2" = 1'-0"

COLUMN & FOOTING DETAIL
1/2" = 1'-0"

NORCAN
CONST. LTD.
PRINCE GEORGE, B.C.

DRAGON
LAKE HILL
RESERVOIR
QUESNEL, B.C.

Fdn. plan
Roof plan
North elev.
Cross-section
Wall & col.
details, Beam
& slab details.

**ALLNORTH
ENGINEERING
LTD**

1557 THIRD AVE
PRINCE GEORGE
B.C. 562-7291

MAR - 6 1984

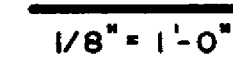
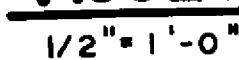
reproduction scale
0 10 20 30 40

date	JAN 2, 1984
scale	AS NOTED
drawn	JHW
design	DG & MT
checked	
revision	sheet no.
1	2 of 3
drawing no.	

83-19-S2

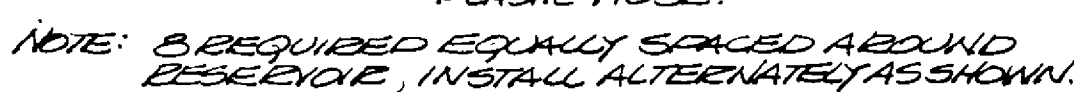
DHWR-WAT-8319-PL-738

1	2/1/84	JHW	DG	GENERAL W.C.T. CHECKSET
no.	date	by	eng.	subject

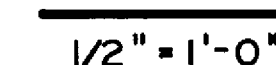
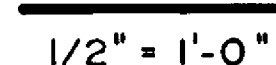


- ## LIST OF MATERIALS

1. 14" Ø standard wall carbon steel pipe, F x PE, length to suit c/w 90° short radius bend (1 required).
2. "Mueller" 14" Ø butterfly valve F x F, c/w hand wheel operator (1 required).
3. "Rockwell" 14" Ø flanged coupling adaptor (1 required), type 913
4. 14" Ø standard wall carbon steel pipe, F x PE, length to suite, c/w 4" Ø flanged 90° outlet and tie lug. Flanged end to have 23" Ø 0.9 x 1 7/16" flange to match 16" Ø flange bolt pattern.
5. 4" Ø standard wall carbon steel tee, F x F x F (1 required).
6. 2" x 9" C.I. reducing companion flange (1 required).
7. "Apco" 2" Ø combination air release valve, No. 145C c/w 2" isolating gate valve and piping to drain or approved equal (1 required).
8. 4" Ø gate valve, F x F, NRS (1 required).
9. 4" Ø standard wall carbon steel pipe, F x PE, length to suit, c/w 90° short radius bend and 45° bend (1 required).



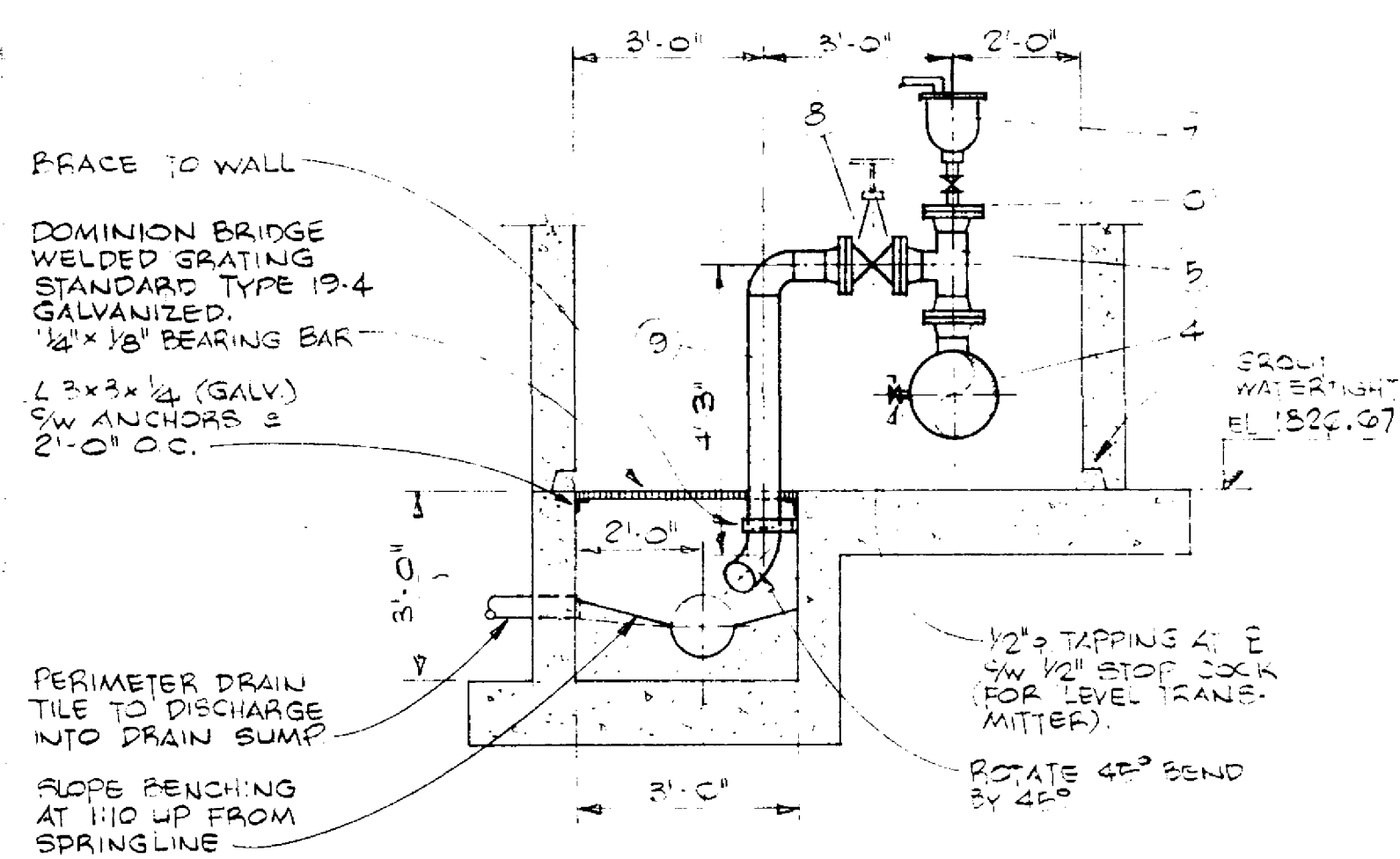
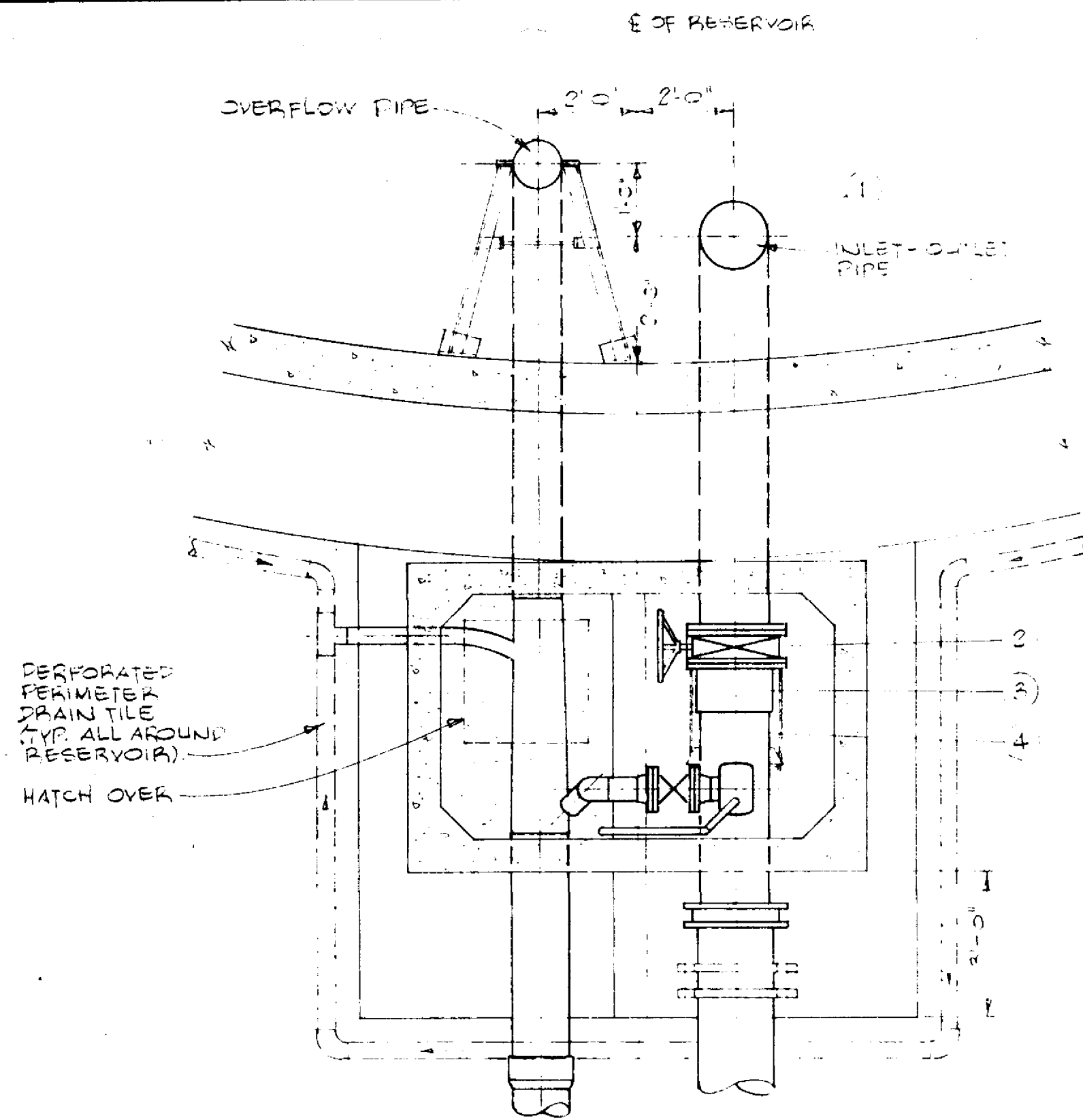
EARTHQUAKE LOOPS



83-19-S3

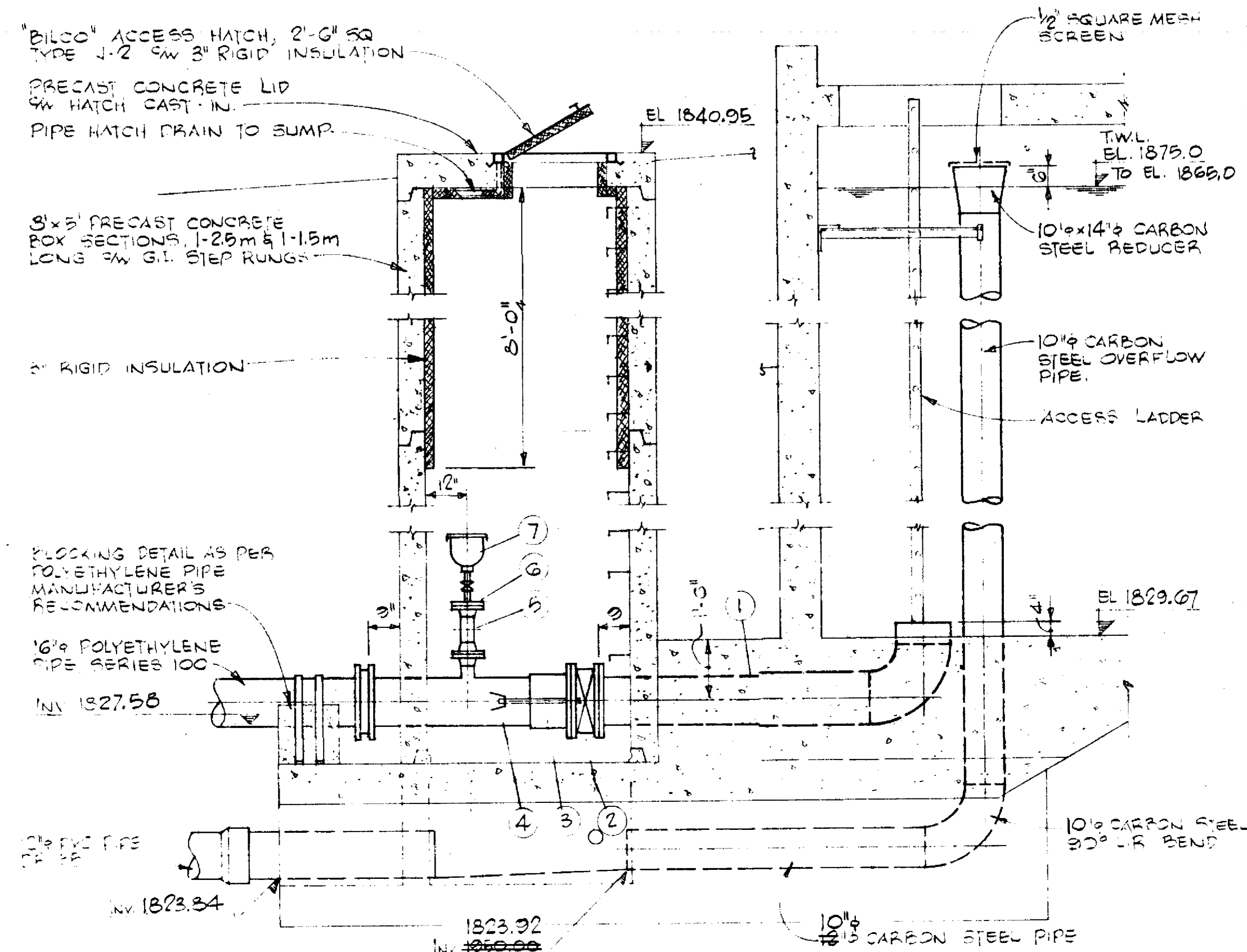
DHWR-WAT-8319-MECH-739

1	21/2/2019	JWW	D.G.	GENERAL, W.C.T CHECKSET
no.	date	by	eng.	subject

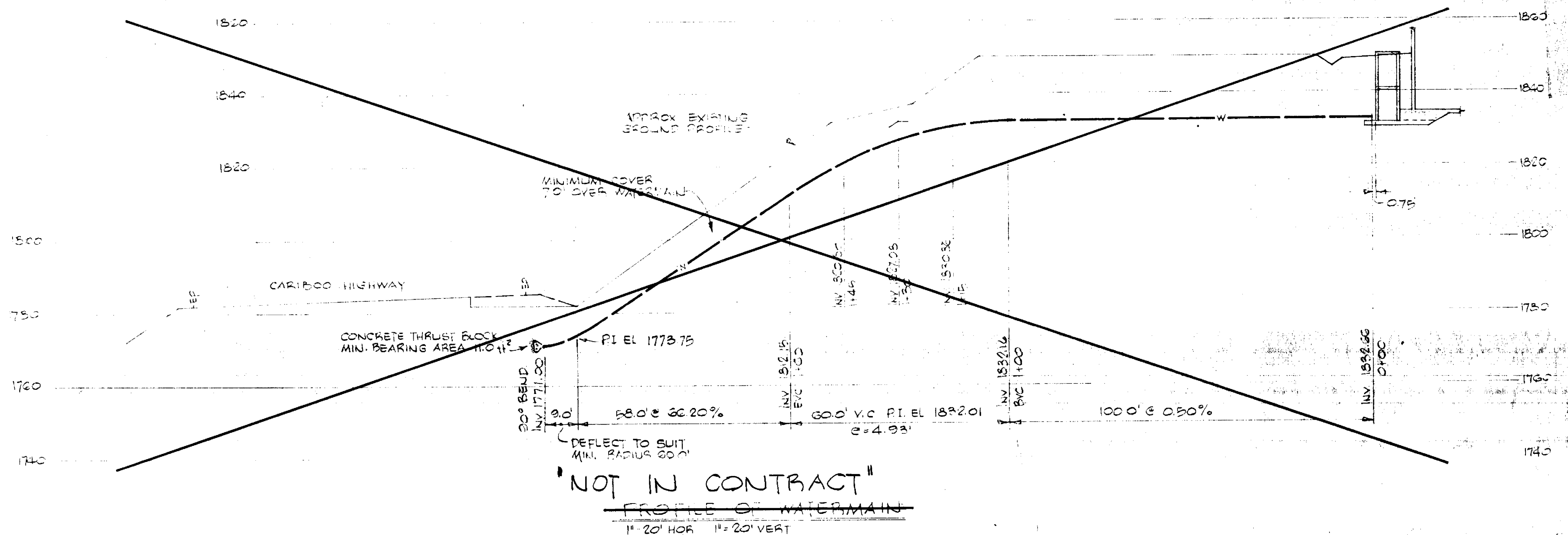


LIST OF MATERIALS

1. 14" Ø STANDARD WALL CARBON STEEL PIPE, F x PE, LENGTH TO SUIT C/W 90° SHORT RADIUS BEND (1 REQUIRED).
2. "MUELLER" 14" Ø BUTTERFLY VALVE F x F, C/W HAND WHEEL OPERATOR (1 REQUIRED).
3. "ROCKWELL" 14" Ø FLANGED COUPLING ADAPTOR (1 REQUIRED).
4. 14" Ø STANDARD WALL CARBON STEEL PIPE, F x PE, LENGTH TO SUIT, C/W 4" Ø FLANGED 90° OUTLET AND TIE LUGS. FLANGED END TO HAVE 23" O.D. x 1 1/2" FLANGE TO MATCH 10 1/4" FLANGE BOLT PATTERN.
5. 4" Ø STANDARD WALL CARBON STEEL TEE, F x F x F (1 REQUIRED).
6. 2" x 9" C.I. REDUCING COMPANION FLANGE (1 REQUIRED).
7. "APCO" 2" Ø COMBINATION AIR RELEASE VALVE, NO. 145C C/W 2" ISOLATING GATE VALVE AND PIPING TO DRAIN OR APPROVED EQUAL (1 REQUIRED).
8. 4" Ø GATE VALVE, F x F, NRS (1 REQUIRED).
9. 4" Ø STANDARD WALL CARBON STEEL PIPE, F x PE, LENGTH TO SUIT, C/W 90° SHORT RADIUS BEND AND 45° BEND (1 REQUIRED).



SECTION SHOWING INLET-OUTLET & OVERFLOW 3/8" x 1'-0"



A	SUPERCEDES PWS 43-1819-2/31-4		SDNOV83	LP
	REVISION	DESCRIPTION	DATE	BY

DESIGN	JFB
DRAWN	LP
CHECKED	JP
APPROVED	JP
DATE	SEPT 1988
SCALE	
FIELD BOOK No.	

Willis Cunliffe Tait
DeLCan
CONSULTING ENGINEERS & PLANNERS

CITY OF QUESNEL
THREE MILE FLATS AND/OR DRAGON LAKE HILL RESERVOIR(S)
CONTRACT 2

DRAGON LAKE HILL RESERVOIR
MISCELLANEOUS DETAILS

SHEET No.	6
OF 6	REV. A
DRAWING No.	43-1819-2/31-6