



PLAN TITLE *IMPROVEMENTS TO PARSON'S MILL DAM*

PLAN #: 605

PLAN TYPE: SITE PLAN

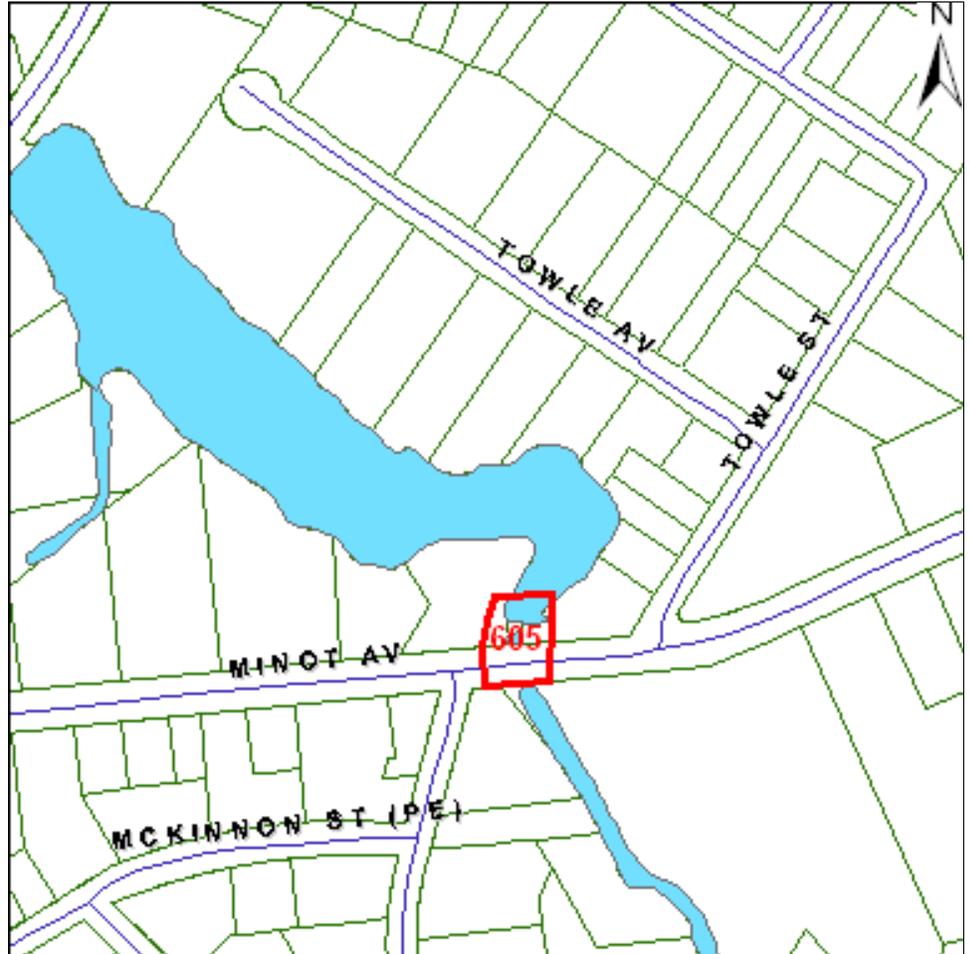
DATE: 7/19/1983

SHEETS: 4

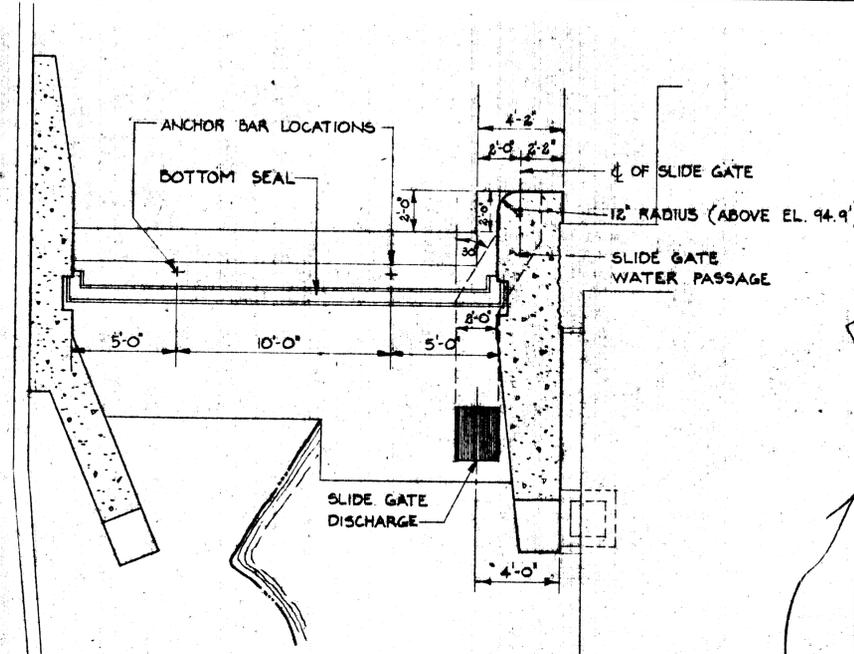
OTHER INFORMATION:

PAPER PLAN

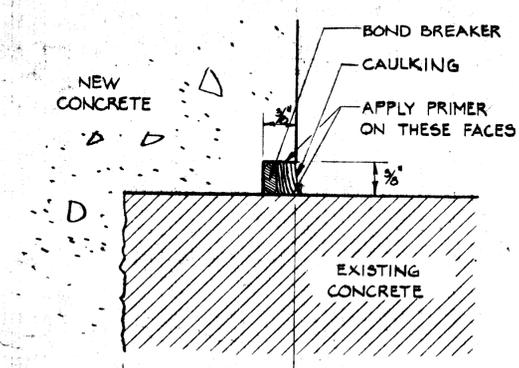
LOCATION MAP:



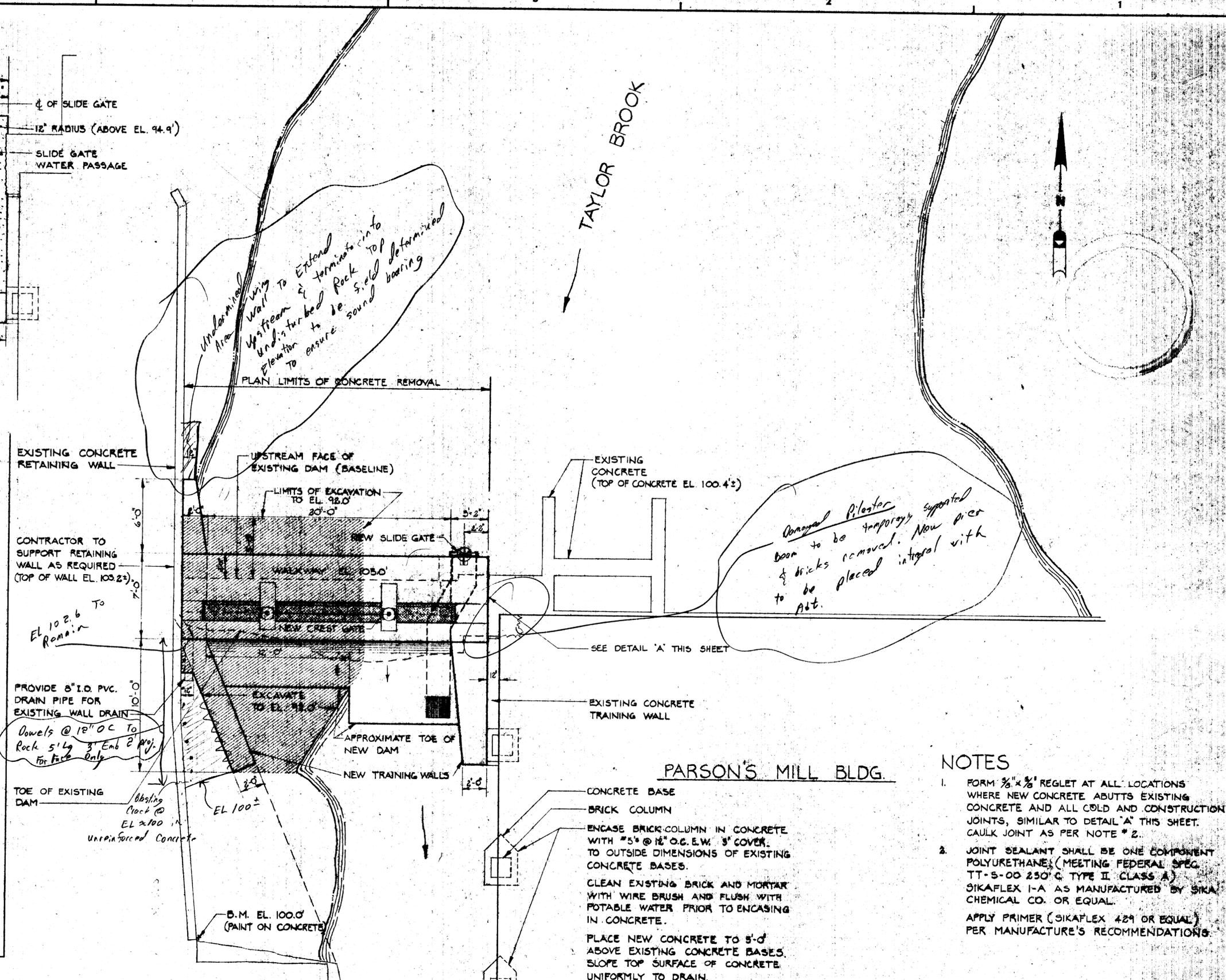
<u>STREET NAME ON PLAN</u>	<u>EXISTING STREET NAME</u>
MINOT AV	MINOT AV



PLAN of NEW DAM
TAKEN @ ELEVATION 95.0



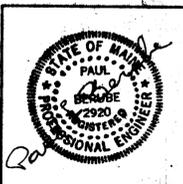
REGLET DETAIL A
FULL SCALE



SPOIL AREA FOR WASTE CONCRETE AND EXCAVATED MATERIAL WILL BE LOCATED WITHIN TWO MILES OF PROJECT SITE.

NOTES

- FORM $\frac{3}{8}$ " x $\frac{3}{8}$ " REGLET AT ALL LOCATIONS WHERE NEW CONCRETE ABUTTS EXISTING CONCRETE AND ALL COLD AND CONSTRUCTION JOINTS, SIMILAR TO DETAIL 'A' THIS SHEET. CAULK JOINT AS PER NOTE # 2.
- JOINT SEALANT SHALL BE ONE COMPONENT POLYURETHANE (MEETING FEDERAL SPEC. TT-5-00 250°C TYPE II CLASS A) SIKAFLEX 1-A AS MANUFACTURED BY SIKA CHEMICAL CO. OR EQUAL. APPLY PRIMER (SIKAFLEX 429 OR EQUAL) PER MANUFACTURER'S RECOMMENDATIONS.



Date	Chkd.	Revision
6-23-83		
7-19-83		
7-19-83		

Drawn by: *ala* Date: 6-23-83
 Checked by: *PLB* Date: 7-19-83
 Approved by: *PLB* Date: 7-19-83
 Scale: 1/4" = 1'-0"

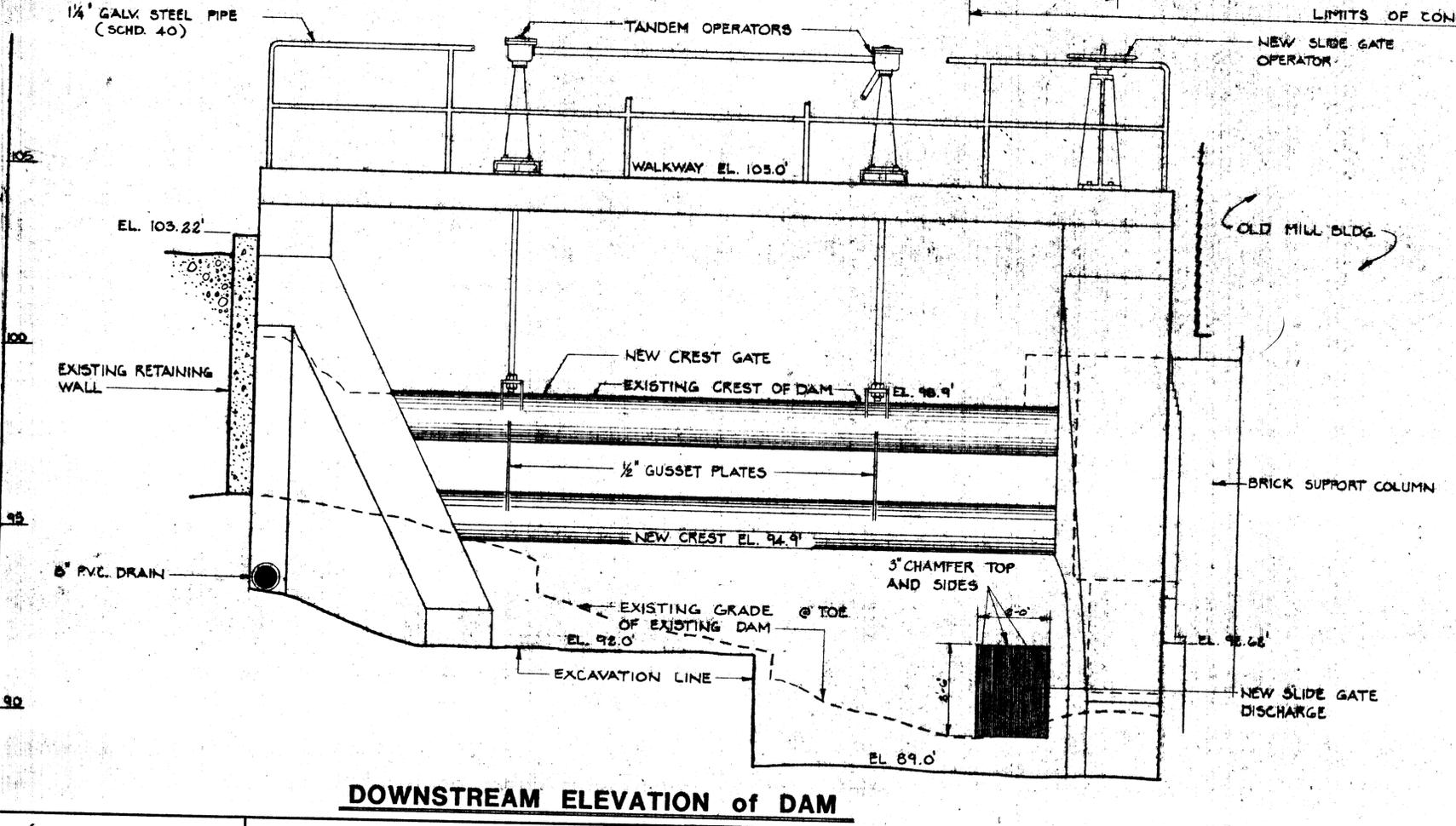
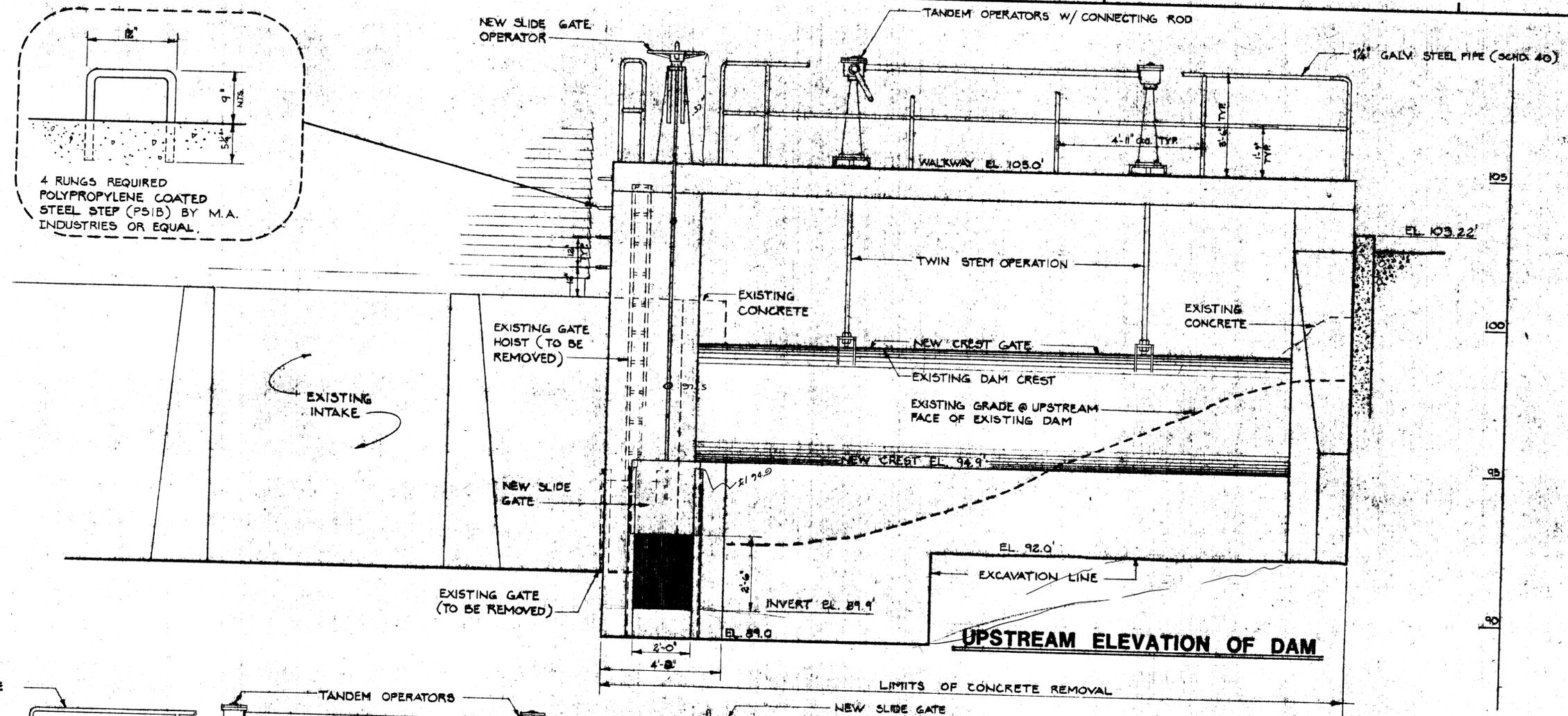
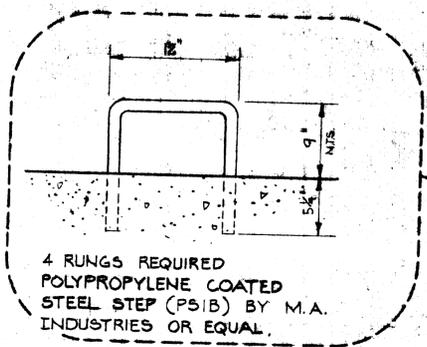
AUBURN PUBLIC WORKS DEPARTMENT
AUBURN, MAINE 04210

IMPROVEMENTS TO PARSON'S MILL DAM

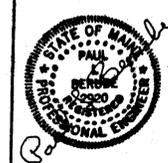
SITE PLAN 605

KLEINSCHMIDT & DUTTING
CONSULTING ENGINEERS
PITTSFIELD, MAINE

SHEET NO. 1
145-01-40-001



DOWNSTREAM ELEVATION of DAM



Date	Chkd.	Revision
6-30-85		
7-19-83		
7-19-83		

Drawn by: *[Signature]*
Checked by: *[Signature]*
Approved by: *[Signature]*
Scale: 1/2" = 1'-0"

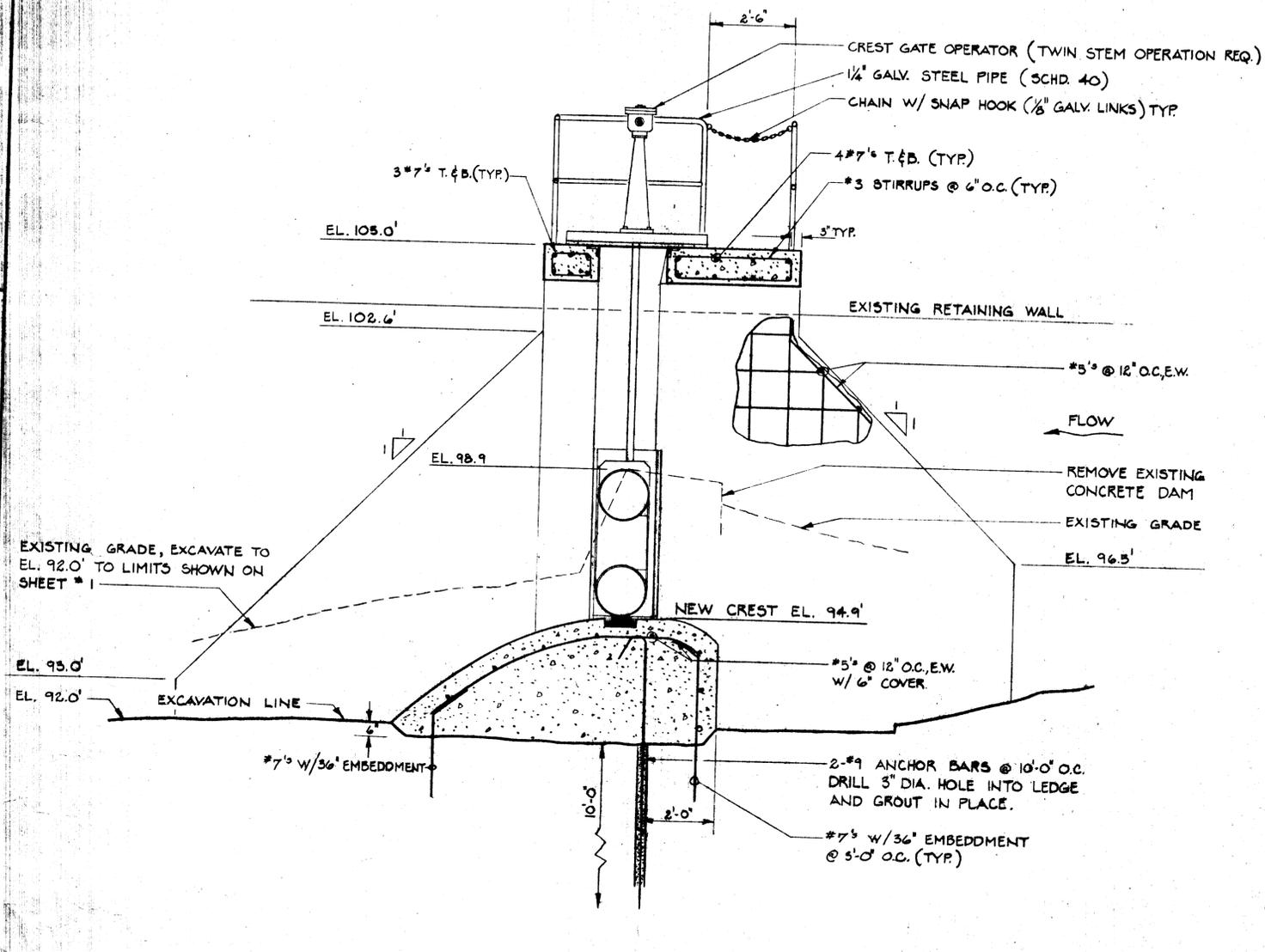
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IMPROVEMENTS TO PARSON'S MILL DAM

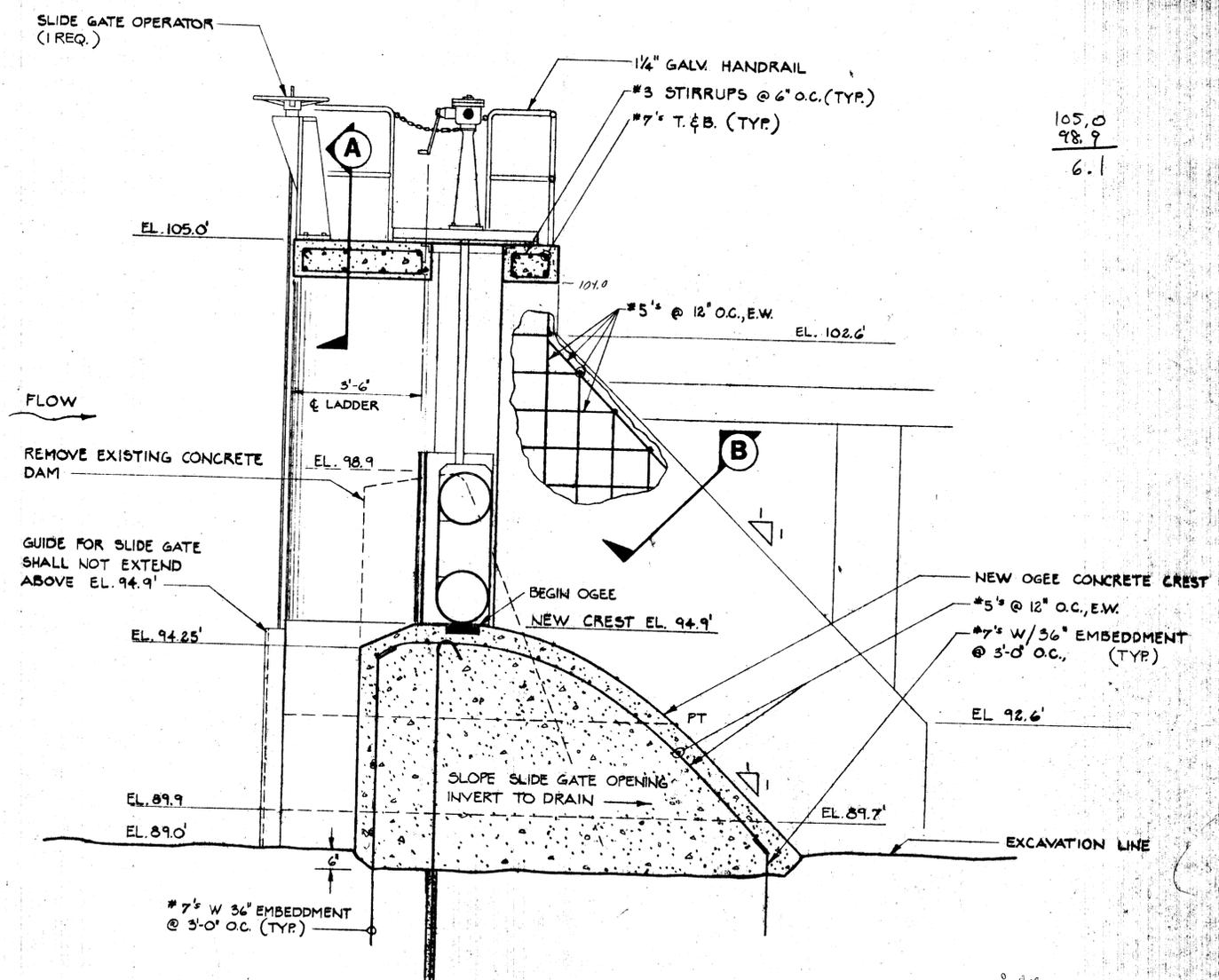
DAM ELEVATIONS

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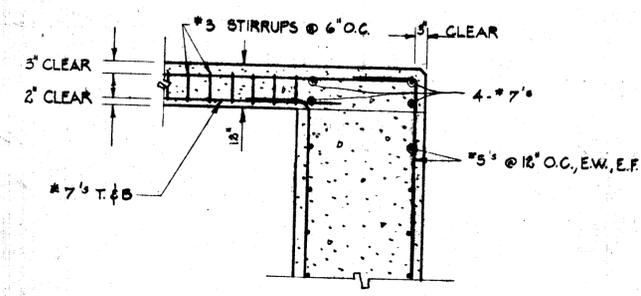
145-0



DAM SECTION at WEST ABUTMENT

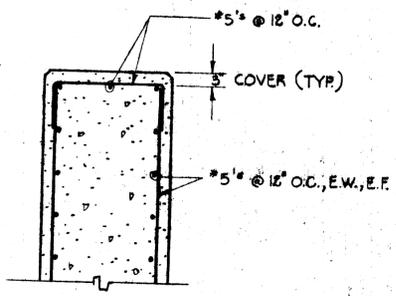


DAM SECTION at EAST ABUTMENT



SECTION A

TYPICAL @ ALL WALKWAY SLAB TO PIER CONNECTIONS.



SECTION B

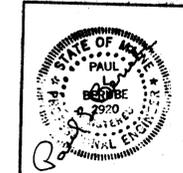
WEIR COORDINATES

X	Y
0	EL. 94.25
1.5'	94.9
BEGIN OGEE 3.1'	94.9
5.1'	94.5
6.8'	93.6
PT 8.4'	92.3

X MEASURED FROM UPSTREAM FACE OF EXISTING DAM.

NOTES

1. ALL EXPOSED OUTSIDE CORNERS TO HAVE 3/4" CHAMFER, UNLESS OTHERWISE NOTED.
2. RANDOM STEEL MAY BE PRESENT IN EXISTING CONCRETE.
3. ALL REINFORCEMENT LAPPS SHALL BE 80 BAR DIAMETERS.
4. WEIR SHAPE MAY BE APPROXIMATED USING 2'-0" PANELS.



Date	Chkd.	Revision
6-30-83		
7-19-83		
7-19-83		

Drawn by: *sh*
 Checked by: *ED*
 Approved by: *S.L.B.*
 Scale: 1/2" = 1'-0"

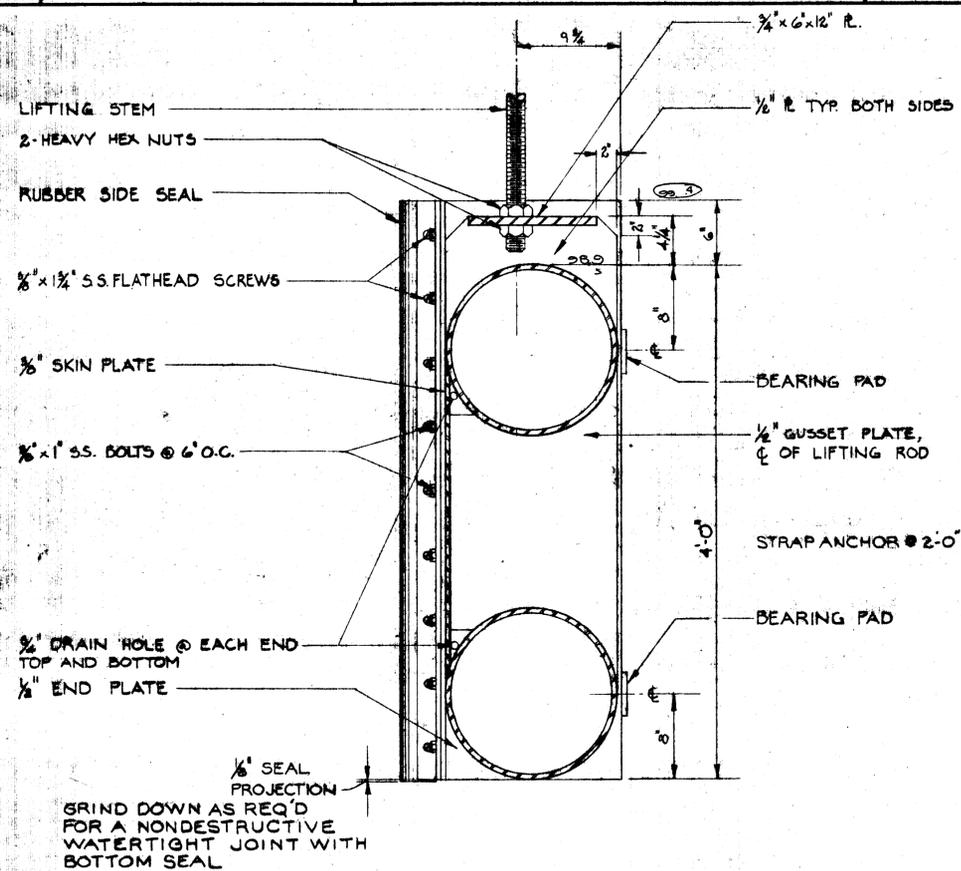
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IMPROVEMENTS TO PARSON'S MILL DAM

SECTIONS

KLEINSCHMIDT & DUTTING
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 PITTSFIELD, MAINE

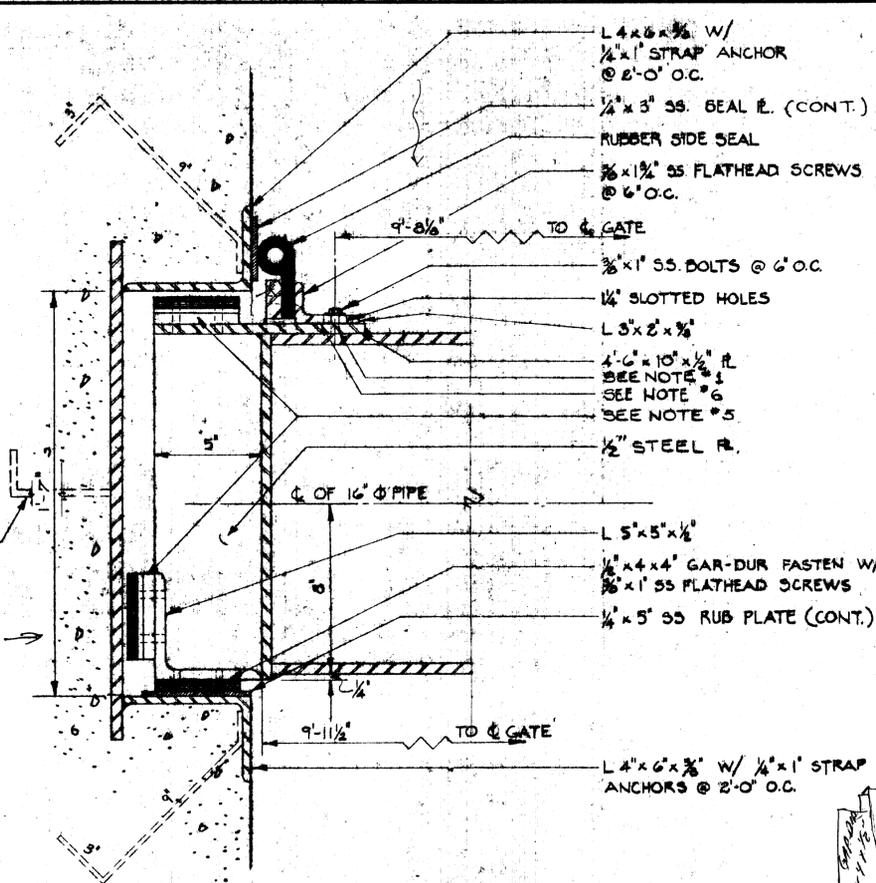
SHEET NO. **3**
 145-01-40-003



GATE SECTION

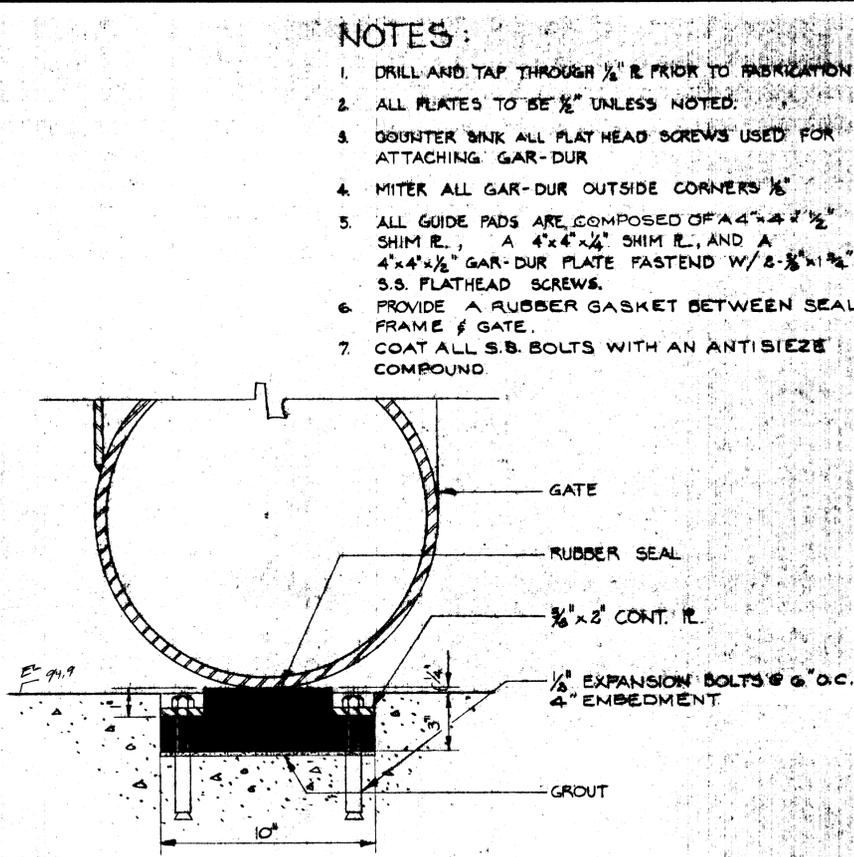
1 1/2" = 1'-0"

00 11
12 22
10 10



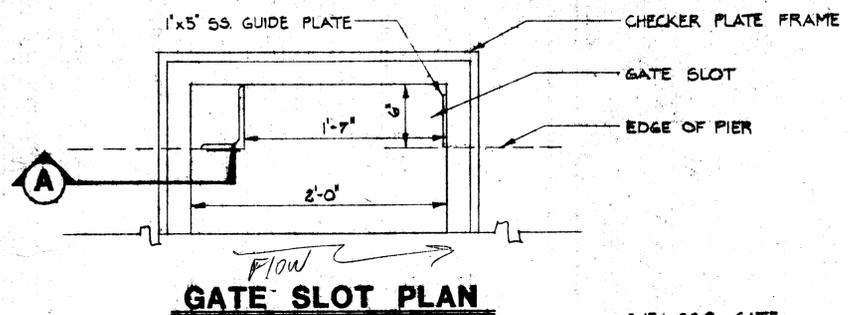
GATE GUIDE and SEAL DETAIL

3" = 1'-0"

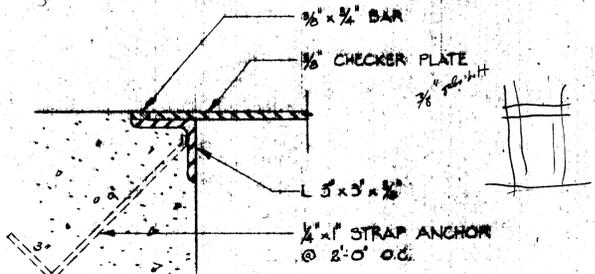


BOTTOM SEAL DETAIL

3" = 1'-0"

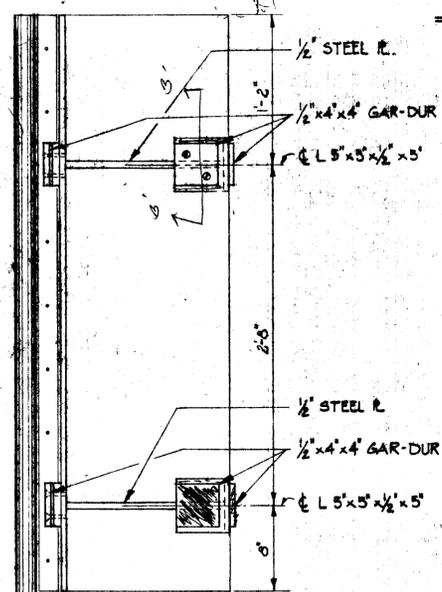


GATE SLOT PLAN



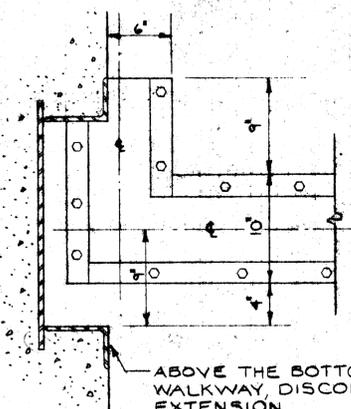
FRAME DETAIL A

3" = 1'-0"



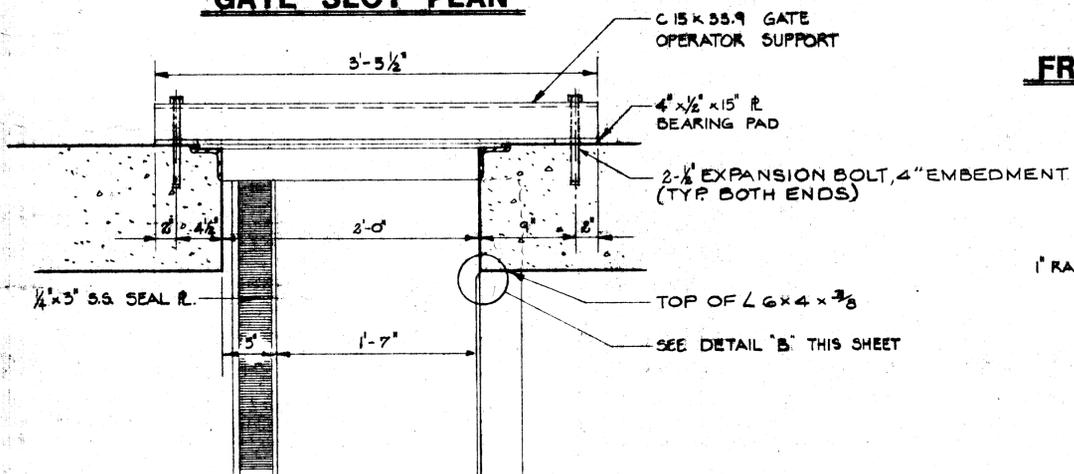
END VIEW of GATE

1 1/2" = 1'-0"



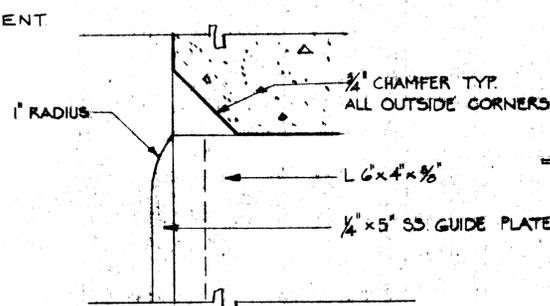
BOTTOM SEAL PLAN

1 1/2" = 1'-0"



GATE SLOT SECTION

1 1/2" = 1'-0"



DETAIL B

FULL SCALE

NOTES:

1. DRILL AND TAP THROUGH 1/2" R PRIOR TO FABRICATION
2. ALL PLATES TO BE 1/2" UNLESS NOTED.
3. COUNTER SINK ALL FLAT HEAD SCREWS USED FOR ATTACHING GAR-DUR
4. MITER ALL GAR-DUR OUTSIDE CORNERS 1/2"
5. ALL GUIDE PADS ARE COMPOSED OF A 4" x 4" x 1/2" SHIM R., A 4" x 4" x 1/4" SHIM R., AND A 4" x 4" x 1/2" GAR-DUR PLATE FASTENED W/ 2-3/8" x 1/2" S.S. FLATHEAD SCREWS.
6. PROVIDE A RUBBER GASKET BETWEEN SEAL FRAME & GATE.
7. COAT ALL S.S. BOLTS WITH AN ANTISEIZE COMPOUND.

BOTTOM SEAL CAN BE CUT FROM SINGLE 3" THICK SHEET OR BUILT UP BY USING FOUR 3 SHEETS.

BOTTOM SEAL TO BE PROVIDED CONTINUOUS FROM MANUFACTURER.

BOTTOM SEAL SHALL BE GROUTED IN PLACE TO WITHIN A MAXIMUM TOLERANCE OF 1/8 INCH OF THE GATE.

ABOVE THE BOTTOM OF THE DOWNSTREAM WALKWAY, DISCONTINUE THE L 6' x 4' x 3/8 @ 1/2" R EXTENSION.

AUBURN PUBLIC WORKS DEPARTMENT
AUBURN, MAINE 04210

IMPROVEMENTS TO PARSON'S MILL DAM

DETAILS



Date	Chkd.	Revision
Drawn by: <i>RLB</i>		Date: 7-7-83
Checked by: <i>RLB</i>		Date: 7-12-83
Approved by: <i>Q.L.B.</i>		Date: 7-19-83
Scale: AS NOTED		

KLEINSCHMIDT & DUTTING
CONSULTING ENGINEERS
PITTSFIELD, MAINE

SHEET NO. **4**

145-01-40-004