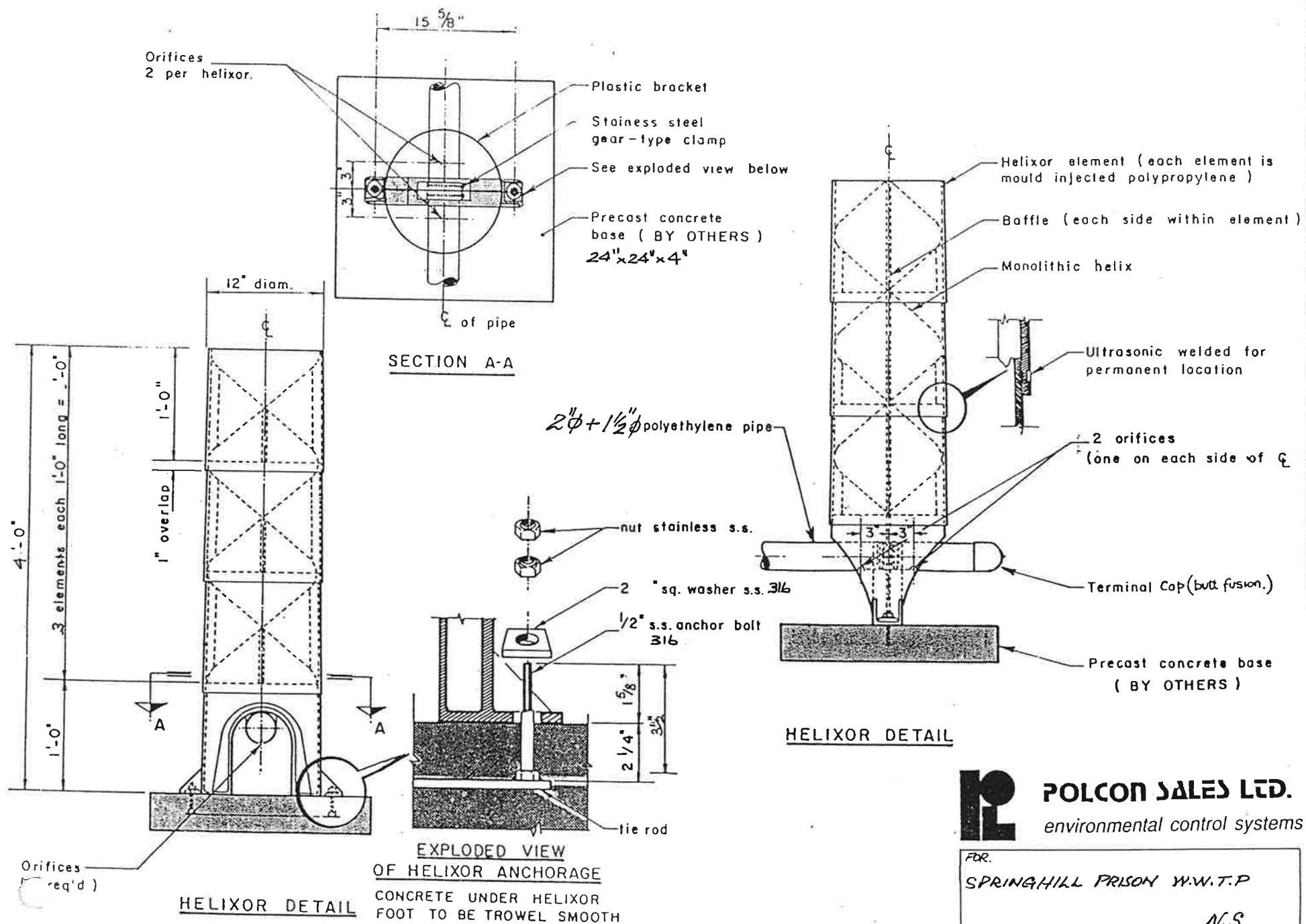


## APPENDIX E - EXISTING AERATION SYSTEM



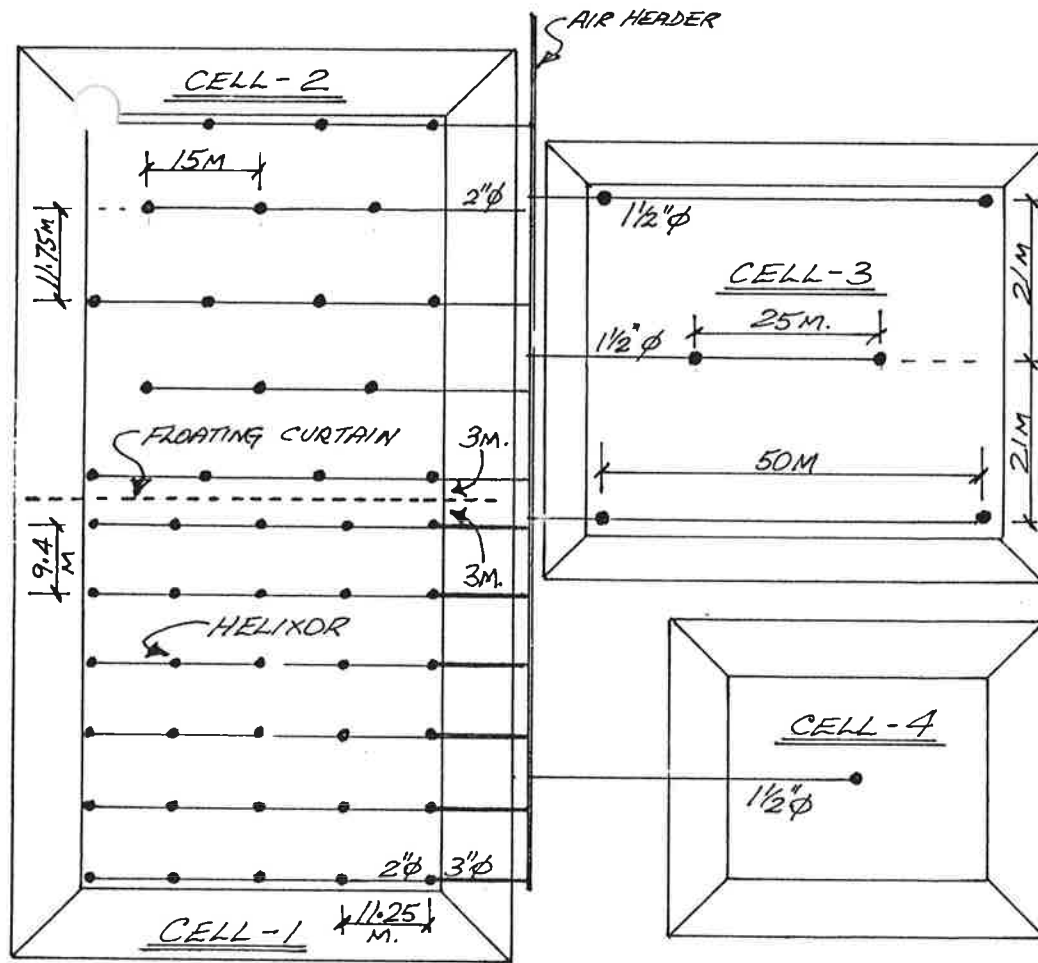
**POLCON SALES LTD.**  
environmental control systems

FOR.

SPRINGHILL PRISON W.W.T.P

N.S

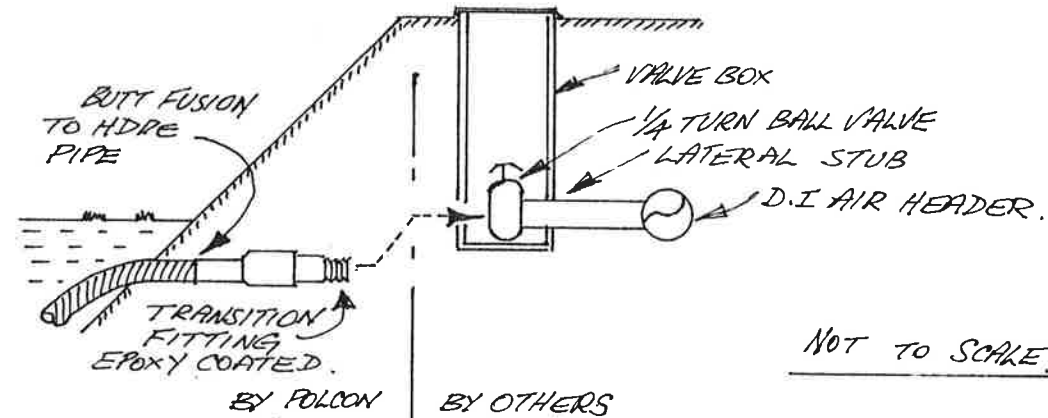
DATE 4 AUG '94	BY Ry.	DWG # A-2	PROJECT # 2961
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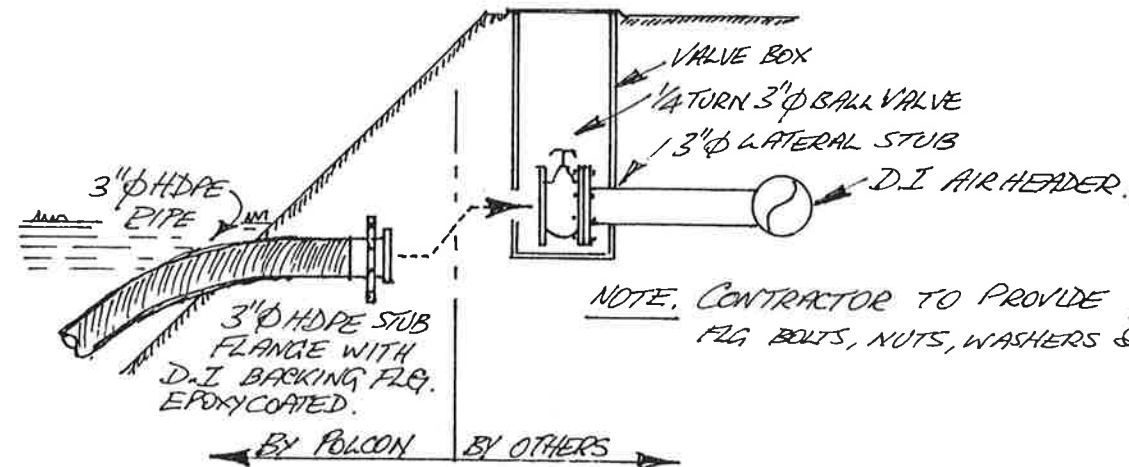
HELIXOR LAYOUT PLAN 1:1000

- CELL-1. 30 HELIXORS. SPACED IN 6 ROWS, 9.4M APART WITH 5 HELIXORS PER ROW AT 11.25M CENTRES.
- CELL-2. 18 HELIXORS. SPACED IN 5 ROWS, 11.75M APART WITH 3 ROWS OF 4 HELIXORS PER ROW, AND 2 ROWS OF 3 HELIXORS PER ROW. ALL AT 15M CENTRES
- CELL-3. 6 HELIXORS, SPACED IN 3 ROWS, 21M APART. 2 ROWS WITH 2 HELIXORS AT 50M CENTRES 1 ROW WITH 2 HELIXORS AT 25M CENTRES
- CELL-4. ONE HELIXOR, CENTRALLY LOCATED.

TOTAL HELIXOR REQUIREMENT. 55 UNITS.



LATERAL TO HEADER DETAIL FOR 1/2" AND 2" HDPE LATERALS

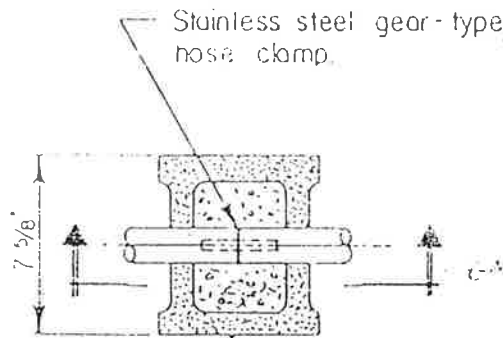


LATERAL TO HEADER DETAIL FOR 3" HDPE LATERALS N.T.S.

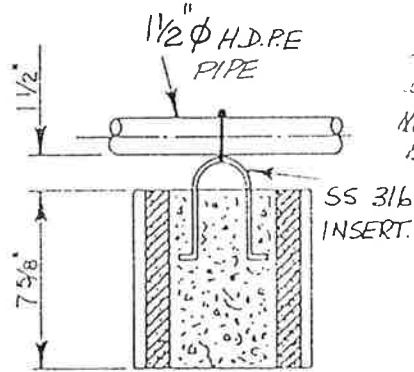
NOTE 1 PIPE SINKER BLOCKS WITH S.S HARDWARE ARE REQUIRED ON ALL UNDERWATER H.D.P.E LATERALS.

NOTE 2. LATERALS SHOULD HAVE ENTRY INTO LAGOON SIDE BERMS BELOW ICE FORMATIONS.

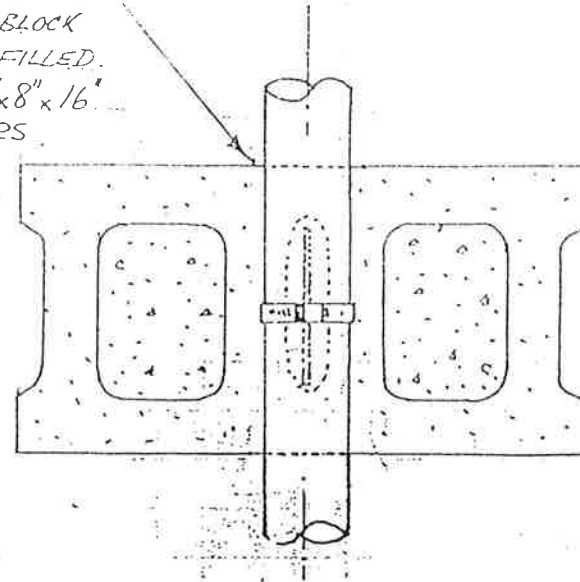
POLCON SALES LTD			
TITLE HELIXOR PERATION SYSTEM		FOR SPRINGHILL PRISON W.W.T.P NOVA SCOTIA.	
DATE 4th AUG. 1994	BY [Signature]	INCH # A-1	PROJECT # 2961



Half concrete block (BY OTHERS)  
(concrete filled)



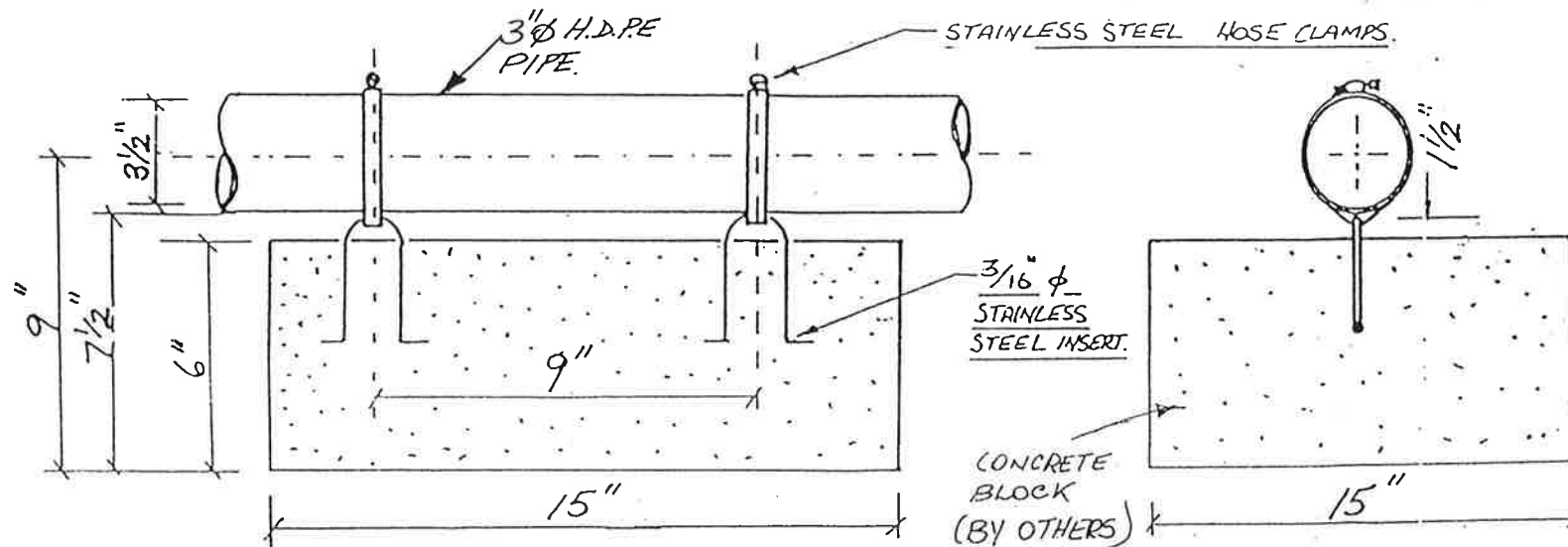
HOLLOW BUILDING BLOCK  
CONCRETE FILLED.  
NOMINAL 8" x 8" x 16"  
BY OTHERS



S.S. HOSE CLAMP.

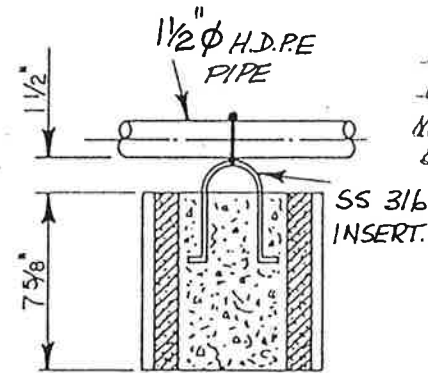
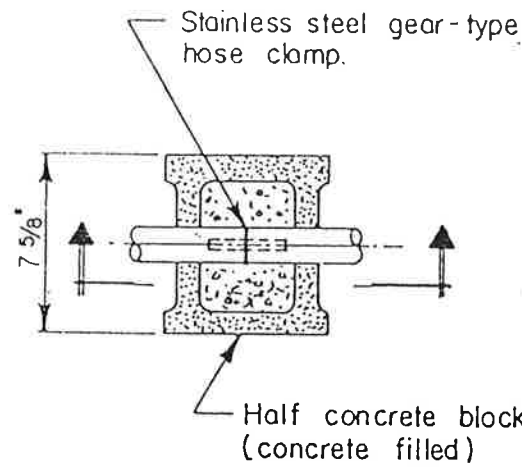
2"  $\phi$  H.D.P.E. PIPE.

S.S. 316  
INSERT.

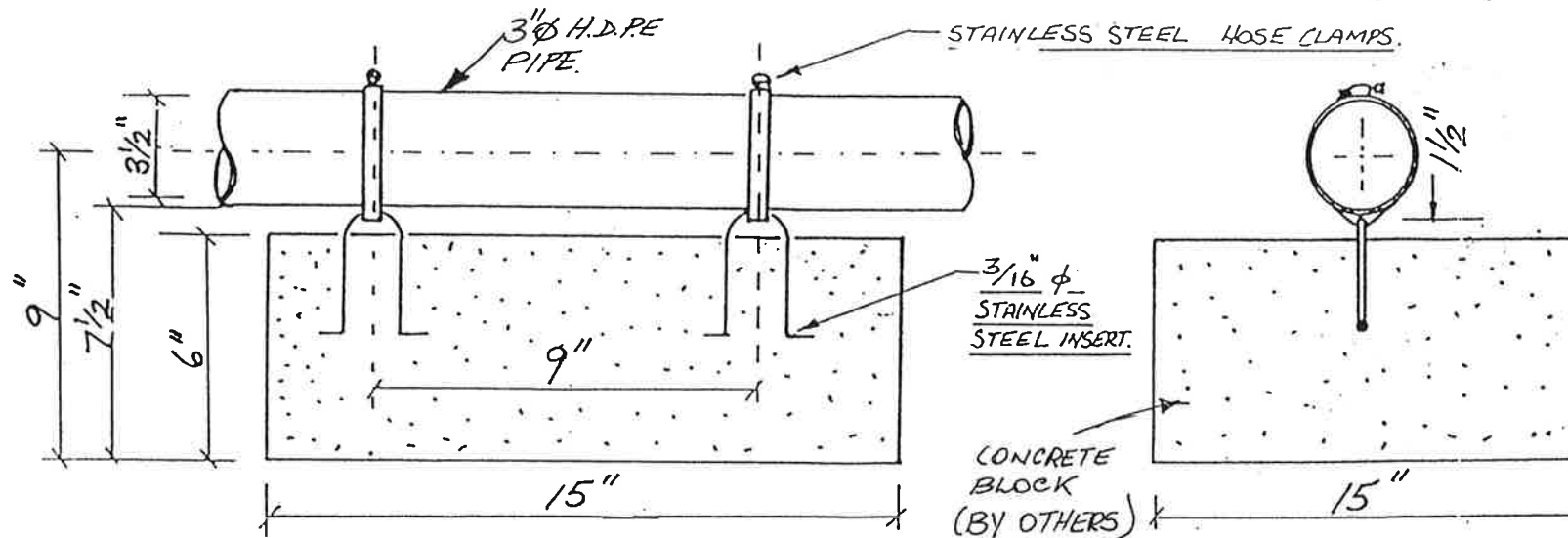
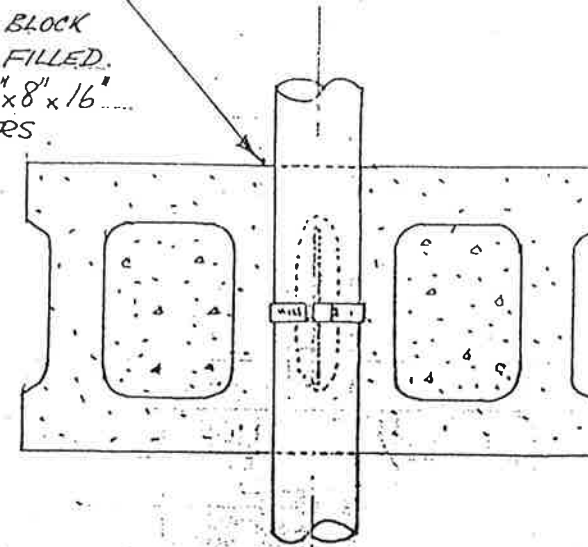


PIPE SIZE	1 1/2" $\phi$	2" $\phi$	3" $\phi$
SINKER WT.	30 LBS	70 LBS	105 LBS
QUANTITY.	80	220	30
SPACING (ALL SIZES)	SPACE SINKER 5' EACH SIDE OF A HELIXOR THEN AT 10' MAX. ALONG RUN OF PIPE		

POLCON SALES LTD.			
TITLE	PIPE SINKER DETAIL	FOR	SPRINGHILL PRISON W.W.T.P TENDER.
DATE	41 AUG. '94	BY	Ry.
DWG #	B-1	PROJECT #	2961



HOLLOW BUILDING BLOCK CONCRETE FILLED. NOMINAL 8" x 8" x 16" BY OTHERS



PIPE SIZE	1 1/2" $\phi$	2" $\phi$	3" $\phi$
SINKER WT.	30 LBS	70 LBS	105 LBS
QUANTITY.	80	220	30
SPACING (ALL SIZES)	SPACE SINKER 5' EACH SIDE OF A HELIX OR THEN AT 10' MAX. ALONG RUN OF PIPE		

POLCON SALES LTD.			
TITLE	FOR		
PIPE SINKER DETAIL	SPRINGHILL PRISON W.W.T.P TENDER.		
DATE	BY	DWG #	PROJECT #
4 AUG. '94	Ry.	B-1	2961