

LOCATION PLAN

List of Drawings

NO.	DESCRIPTION	DATE	BY	CHKD.	SCALE
<b>GENERAL - (Contract No. 5A)</b>					
1	TITLE SHEET	10/8/73	DK		
2	GENERAL SITE PLAN	10/8/73	DK		
<b>SHEPARD POINT, MUSKRAT BAY, LONG POINT</b>					
3	ARCHITECTURAL	10/8/73	DK		
4	STRUCTURAL	10/8/73	DK		
5	STRUCTURAL	10/8/73	DK		
6	STRUCTURAL	10/8/73	DK		
7	STRUCTURAL	10/8/73	DK		
8	STRUCTURAL	10/8/73	DK		
9	STRUCTURAL	10/8/73	DK		
<b>SHEPARD POINT</b>					
10	SITE PLAN AND PROFILES	10/8/73	DK		
11	EQUIPMENT	10/8/73	DK		
12	EQUIPMENT	10/8/73	DK		
<b>MUSKRAT BAY</b>					
13	SITE PLAN AND PROFILES	10/8/73	DK		
14	EQUIPMENT	10/8/73	DK		
15	EQUIPMENT	10/8/73	DK		
<b>LONG POINT</b>					
16	SITE PLAN AND PROFILES	10/8/73	DK		
17	EQUIPMENT	10/8/73	DK		
18	EQUIPMENT	10/8/73	DK		
<b>SOUTH BAY, MAPLE BAY, HARBOUR VILLAGE</b>					
19	ARCHITECTURAL	10/8/73	DK		
20	ARCHITECTURAL	10/8/73	DK		
21	ARCHITECTURAL	10/8/73	DK		
22	STRUCTURAL	10/8/73	DK		
23	STRUCTURAL	10/8/73	DK		
24	STRUCTURAL	10/8/73	DK		
<b>SOUTH BAY</b>					
25	SITE PLAN AND PROFILES	10/8/73	DK		
26	EQUIPMENT	10/8/73	DK		
<b>MAPLE BAY</b>					
27	SITE PLAN AND PROFILES	10/8/73	DK		
28	EQUIPMENT	10/8/73	DK		
<b>HARBOUR VILLAGE</b>					
29	SITE PLAN AND PROFILES	10/8/73	DK		
30	EQUIPMENT	10/8/73	DK		
<b>ONEIDA PARK</b>					
31	ARCHITECTURAL	10/8/73	DK		
32	ARCHITECTURAL	10/8/73	DK		
33	ARCHITECTURAL	10/8/73	DK		
34	EQUIPMENT	10/8/73	DK		
<b>ELECTRICAL - (Contract No. 5B)</b>					
35	SITE PLAN - ALL PUMPING STATIONS	10/8/73	DK		
36	FLOOR PLANS & DETAILS - SHEPARD PT., MUSKRAT BAY, LONG POINT	10/8/73	DK		
37	FLOOR PLANS & DETAILS - SOUTH BAY, MAPLE BAY, HARBOUR VILLAGE	10/8/73	DK		
38	REVISIONS TO ONEIDA PARK	10/8/73	DK		
39	POWER WIRING & SCHEDULES - ALL PUMPING STATIONS	10/8/73	DK		
40	RAN SEWAGE PUMP CONTROL WIRING - SHEPARD PT., MUSKRAT BAY, HARBOUR VILLAGE	10/8/73	DK		
41	RAW WASTE WATER CONTROL WIRING - LONG POINT, MAPLE BAY	10/8/73	DK		
42	RAW WASTE WATER CONTROL WIRING - ALL PUMPING STATIONS	10/8/73	DK		
43	RAW WASTE WATER CONTROL WIRING - SHEPARD PT., MUSKRAT BAY, LONG POINT	10/8/73	DK		
44	RAW WASTE WATER CONTROL WIRING - SOUTH BAY, MAPLE BAY, HARBOUR VILLAGE	10/8/73	DK		
45	WASTEWATER TREATMENT PLANT PUMPING STATIONS	10/8/73	DK		
<b>HEATING &amp; VENTILATING - (Contract No. 5C)</b>					
46	FLOOR PLAN & DETAILS - SHEPARD PT., MUSKRAT BAY, LONG POINT	10/8/73	DK		
47	FLOOR PLAN & DETAILS - SOUTH BAY, MAPLE BAY, HARBOUR VILLAGE	10/8/73	DK		
<b>PLUMBING - (Contract No. 5D)</b>					
48	SHEPARD POINT, MUSKRAT BAY, LONG POINT - PLUMBING	10/8/73	DK		
49	SOUTH BAY, MAPLE BAY, HARBOUR VILLAGE - PLUMBING	10/8/73	DK		
50	ONEIDA PARK - PLUMBING	10/8/73	DK		

CONTRACT DRAWINGS  
 COUNTY OF ONONDAGA, NEW YORK  
 DEPARTMENT OF PUBLIC WORKS  
 JOHN J. HENNIGAN, DEPUTY COMMISSIONER  
 DIVISION OF DRAINAGE & SANITATION

PROJECT NO.: C-36-443

LAKE SHORE SANITARY DISTRICT  
 TOWN OF CICERO, NEW YORK

*No longer a Station*  
 PUMPING STATIONS  
 and

MODIFICATION TO ONEIDA PARK TREATMENT PLANT

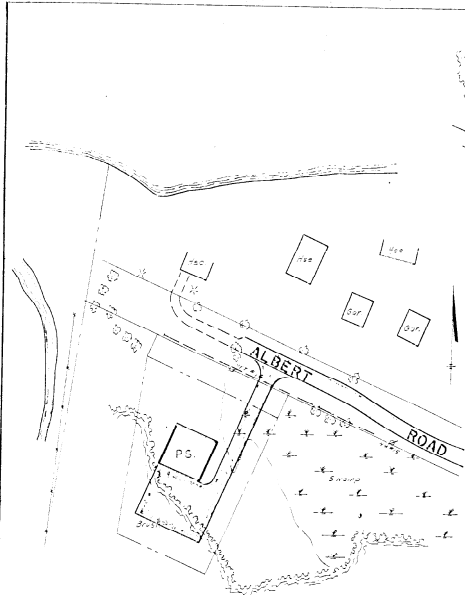
CONTRACT NO. 5A - GENERAL  
 CONTRACT NO. 5B - ELECTRICAL  
 CONTRACT NO. 5C - HEATING & VENTILATING  
 CONTRACT NO. 5D - PLUMBING

1973

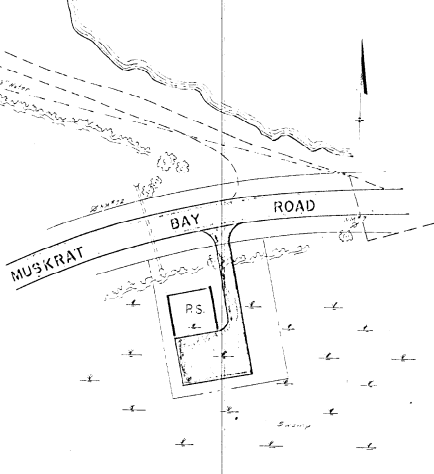
BARTON, BROWN, CLYDE & LOGGIDICE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 LIVERPOOL, NEW YORK

NOTE:  
 THESE PLANS REVISED TO  
 INCLUDE CERTAIN "AS-BUILT"  
 INFORMATION - OCTOBER 1975

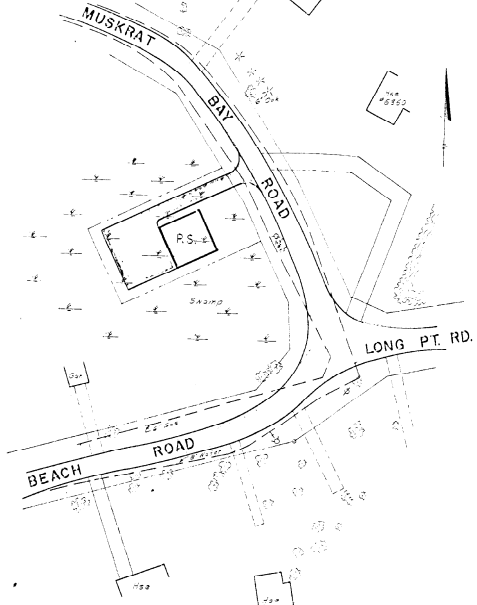
NO ALTERATION PERMITTED  
 TO THESE PLANS WITHOUT THE  
 SIGNATURE OF THE DESIGNER



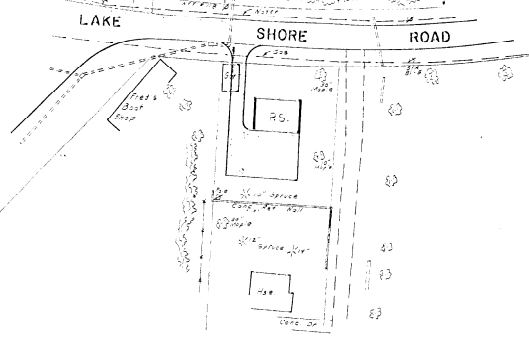
SHEPARD POINT PUMPING STATION



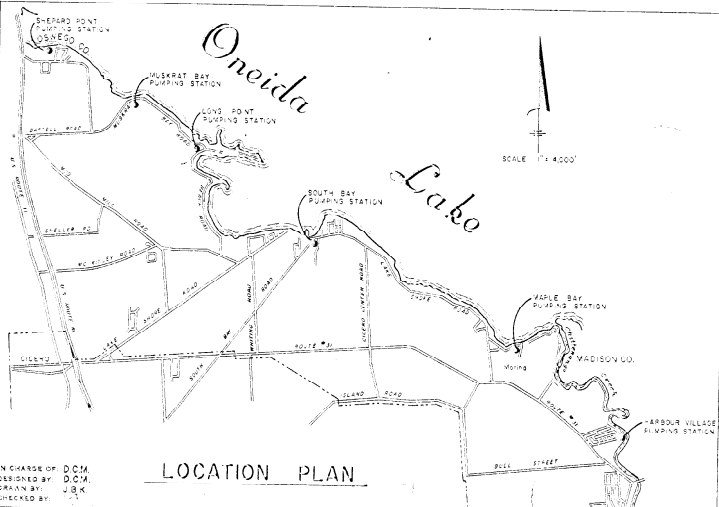
MUSKRAT BAY PUMPING STATION



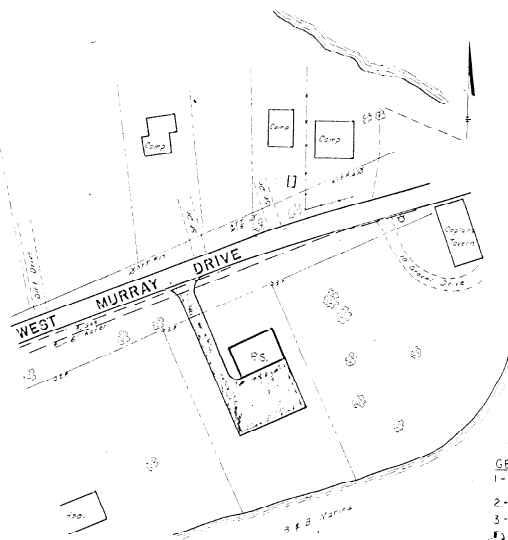
LONG POINT PUMPING STATION



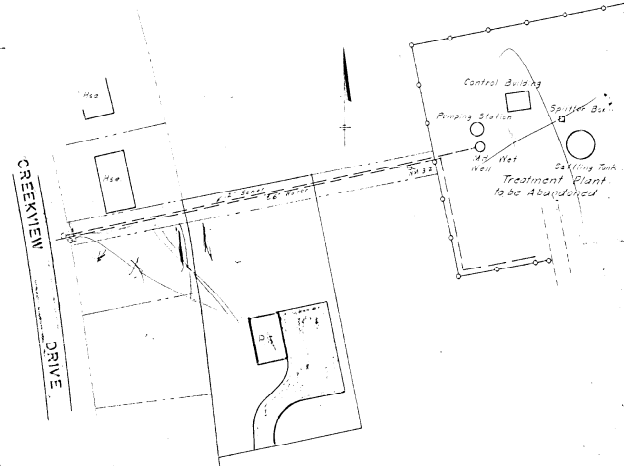
SOUTH BAY PUMPING STATION



LOCATION PLAN



MAPLE BAY PUMPING STATION



HARBOUR VILLAGE PUMPING STATION

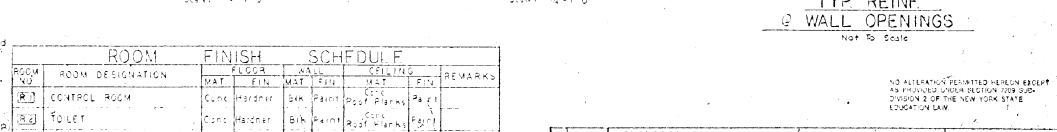
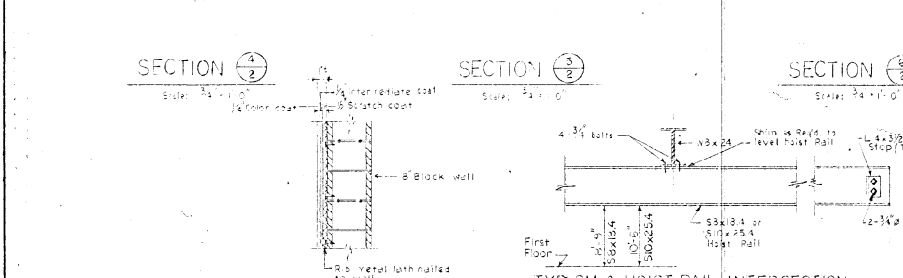
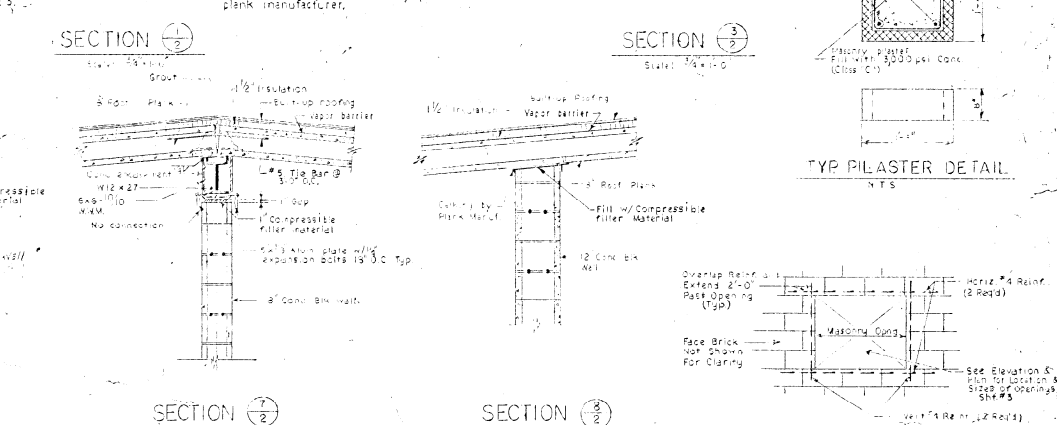
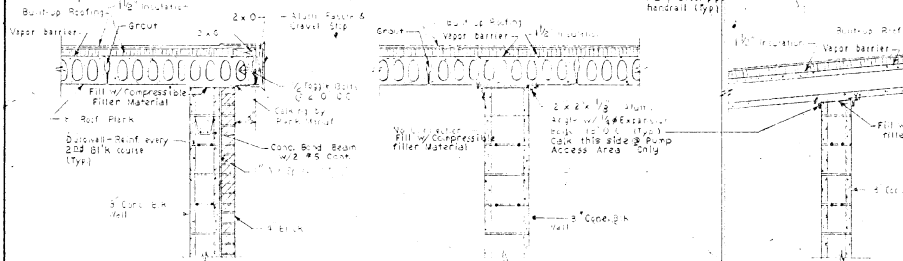
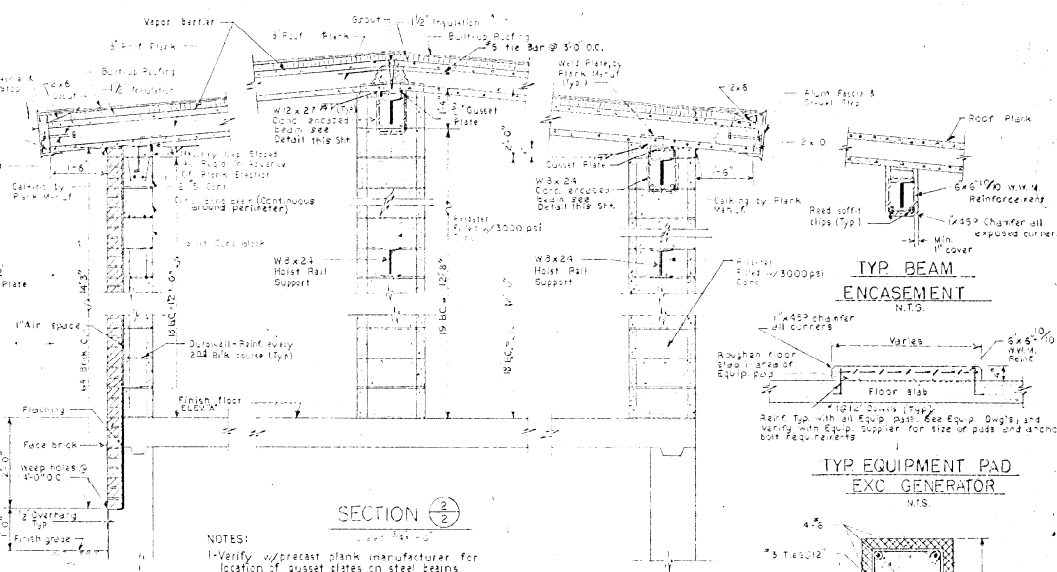
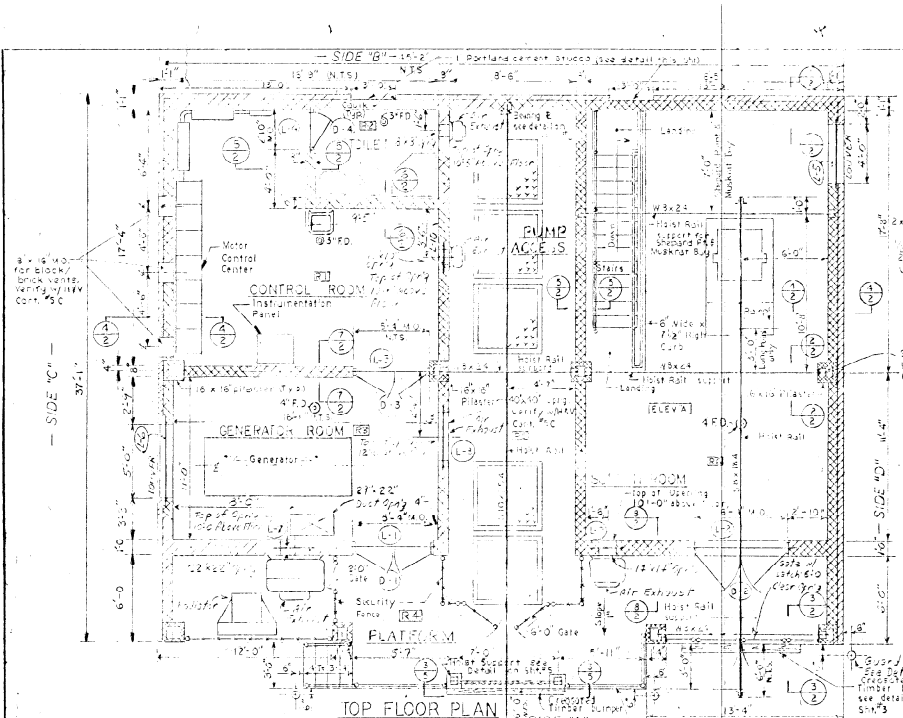
NO ALTERATION FORMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 1008 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

- GENERAL NOTES
- 1- ELEVATIONS REFER TO USGS DATUM
  - 2- --- 370 --- EXIST. CONTOUR
  - 3- --- 371 --- FINAL CONTOUR
  - 4- --- SCILL-BORING TEST HOLE

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>GENERAL PLAN PUMPING STATIONS</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARFORD, BROWN, CLYDE & LOGGIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCTOBER, 1975 SCALE: 1" = 50' FILE NO.: 88-10-02P

IN CHARGE OF: D.C.M.  
DESIGNED BY: D.C.M.  
DRAWN BY: J.B.K.  
CHECKED BY:





ROOM NO.	ROOM DESIGNATION	FINISH		SCHEDULE		REMARKS
		WALL	FLOOR	WALL	CEILING	
101	CONTROL ROOM	Conc.	Hardener	Conc.	Hardener	
102	TOILET	Conc.	Hardener	Conc.	Hardener	
103	GENERATOR ROOM	Conc.	Hardener	Conc.	Hardener	
104	PLATFORM	Conc.	Hardener	Conc.	Hardener	
105	PUMP ACCESS	Conc.	Hardener	Conc.	Hardener	
106	SCREEN ROOM	Conc.	Hardener	Conc.	Hardener	
107	WET WELL	Conc.	Hardener	Conc.	Hardener	

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION  
**SHEPARD POINT - MUSKRAT BAY  
LONG POINT  
PUMPING STATIONS  
ARCHITECTURAL**

TOWN OF CICERO, ONONDAGA CO., NY

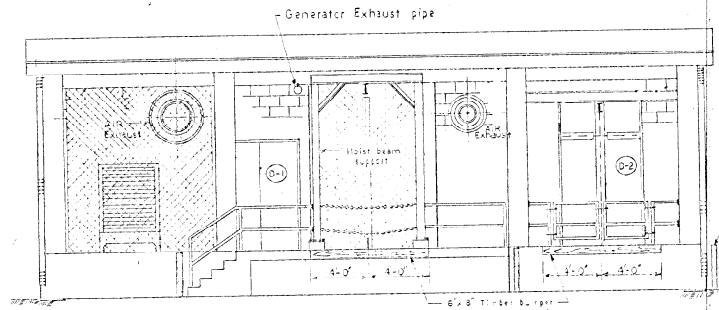
BARTON, BROWN, CLYDE & LOGUICIDICE  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK

DATE: OCTOBER, 1975  
SCALE: AS SHOWN  
FILE NO.: 55-18-037

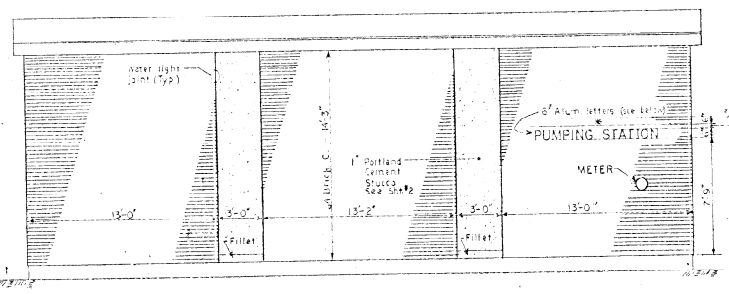
DESIGNED BY: R.C.C.  
CHECKED BY: R.C.C.

NOTES: CAULK THE JOINT BETWEEN  
MASONRY AND STUCCO

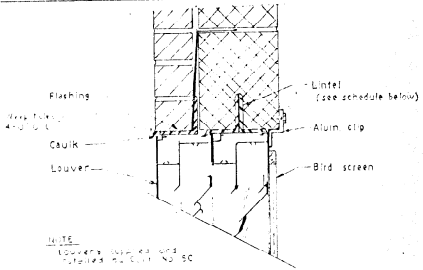
NO ALTERATION OF THIS DESIGN OR CONSTRUCTION SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.



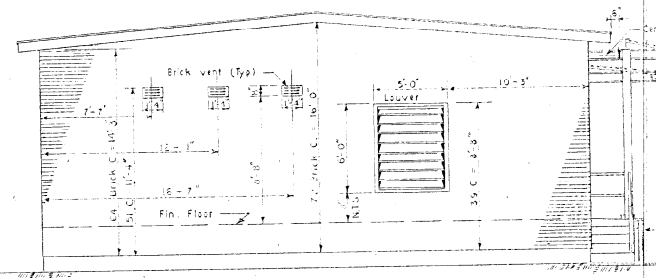
**ELEVATION "A"**  
Scale: 1/4" = 1'-0"



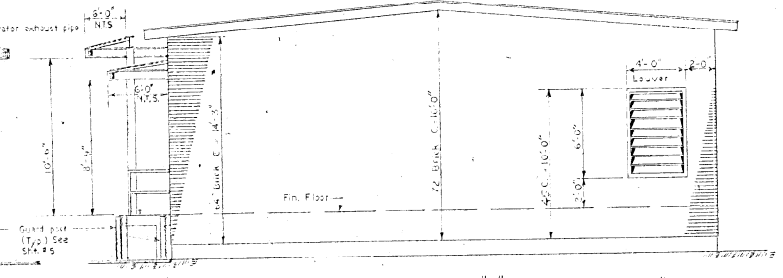
**ELEVATION "B"**  
Scale: 1/4" = 1'-0"



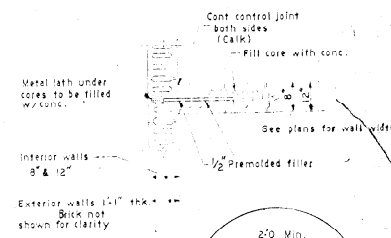
**TYPE "B" LOUVER LINTEL**  
N.T.S.



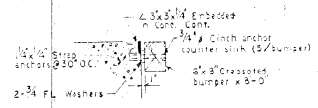
**ELEVATION "C"**  
Scale: 1/4" = 1'-0"



**ELEVATION "D"**  
Scale: 1/4" = 1'-0"



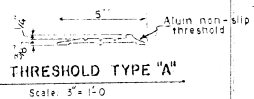
**TYP WALL ANCHOR DETAIL**  
WALL INTERSECTIONS  
N.T.S.



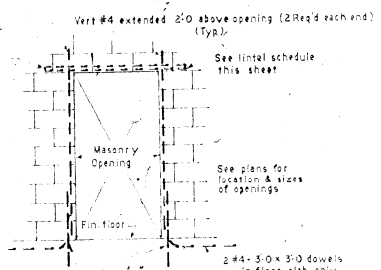
**TYP TIMBER BUMPER DETAIL**

DOOR NO.	DOOR		SCHEDULE				REMARKS		
	TYPE	MAT'L	THICKNESS	H-HEIGHT	WIDTH	FRAM. TYPE		THRESHOLD	
D-1	C	H.M.	1 3/4"	7'-2"	2'-6"	A	H.M.	L-1	
D-2	A	H.M.	1 3/4"	8'-0"	2'-0"	A	H.M.	L-2	
D-3	C	H.M.	1 3/4"	7'-2"	2'-6"	A	H.M.	L-1	
D-4	B	H.M.	1 3/4"	6'-8"	2'-6"	B	H.M.	L-4	

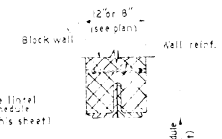
① Head & foot bolts to be mounted on interior side of door.  
② Undercut 1"



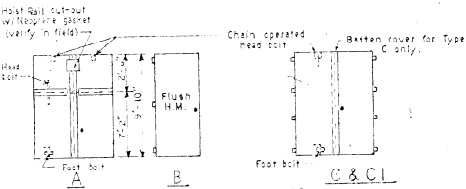
**THRESHOLD TYPE "A"**  
Scale: 3/4" = 1'-0"



**TYP REINF @ DOOR OPENINGS**  
N.T.S.



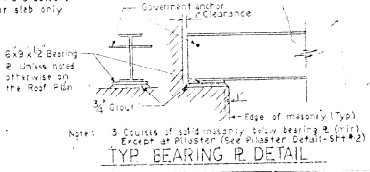
**TYPE "A" DOOR LINTEL**  
N.T.S.



**DOOR TYPES**  
N.T.S.

MARK	MATERIAL	TYPE	M.O.	SECT.	REMARKS
L-1	2-4 5/8 x 3/8	A	5'-4"	JL	Loose ①
L-2	2-4 5/8 x 3/8	A	6'-4"	JL	Loose ①
L-3	2-4 3/8 x 3/8	A	5'-4"	JL	Loose ①
L-4	2-2 1/2 x 3/2 x 3/8 LVL	A	2'-0"	JL	Loose ①
L-5	3-4 1/2 x 3/2 x 3/8 LVL	B	4'-0"	JL	Loose ①
L-6	3-2 1/2 x 3/2 x 3/8 LVL	F	4'-0"	JL	Loose ①
L-7	2-4 3/8 x 3/8	A	4'-0"	JL	Loose ①
L-8	2-4 3/8 x 3/8 LVL	A	5'-4"	JL	Loose ①
L-9	2-4 3/8 x 3/8	A	1'-2"	JL	Loose ①
L-10	2-4 3/8 x 3/8	A	1'-2"	JL	Loose ①

① Lintel to have 6" min. bearing.



**TYP BEARING PLATE DETAIL**

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION

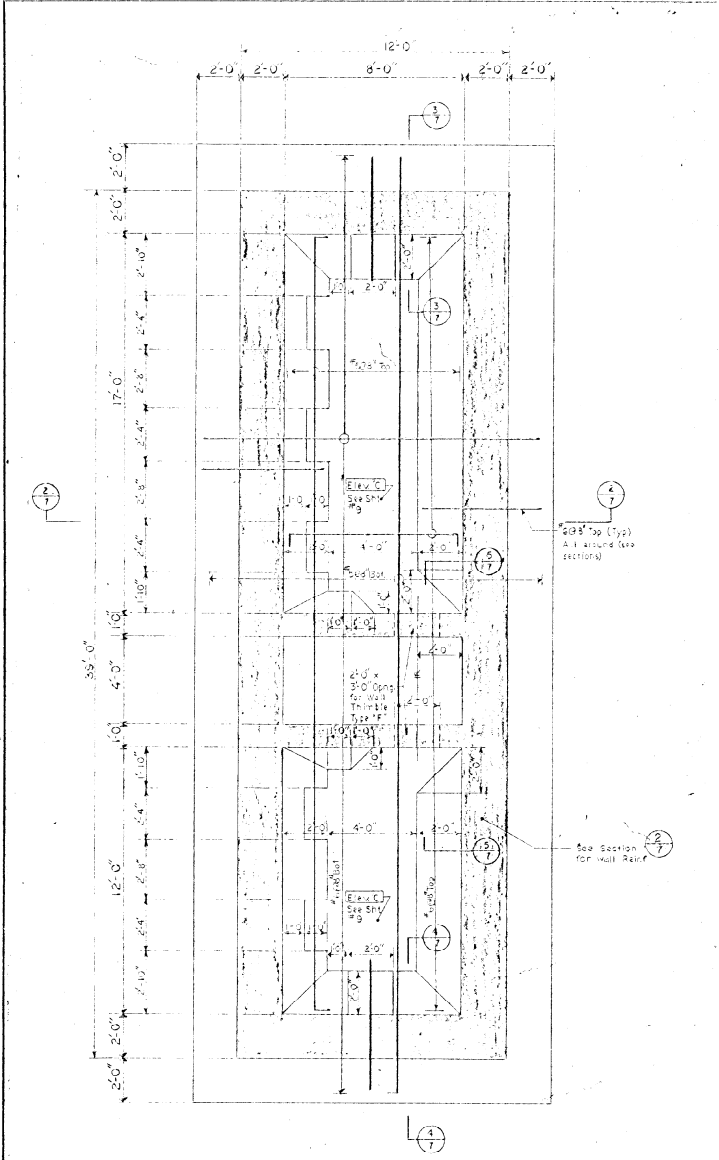
**SHEPARD POINT - MUSKRAT BAY  
LONG POINT  
PUMPING STATIONS**  
ARCHITECTURAL

TOWN OF CICERO ONONDAGA CO., NY

BARTON, BROWN, CLYDE & LOGUICQUE  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK

DATE: OCTOBER 1975  
SCALE: AS SHOWN  
FILE NO: 55-38-04P

IN CHARGE OF: D.C.M.  
DESIGNED BY: B.J.  
DRAWN BY: R.J.C.  
CHECKED BY: [Signature]

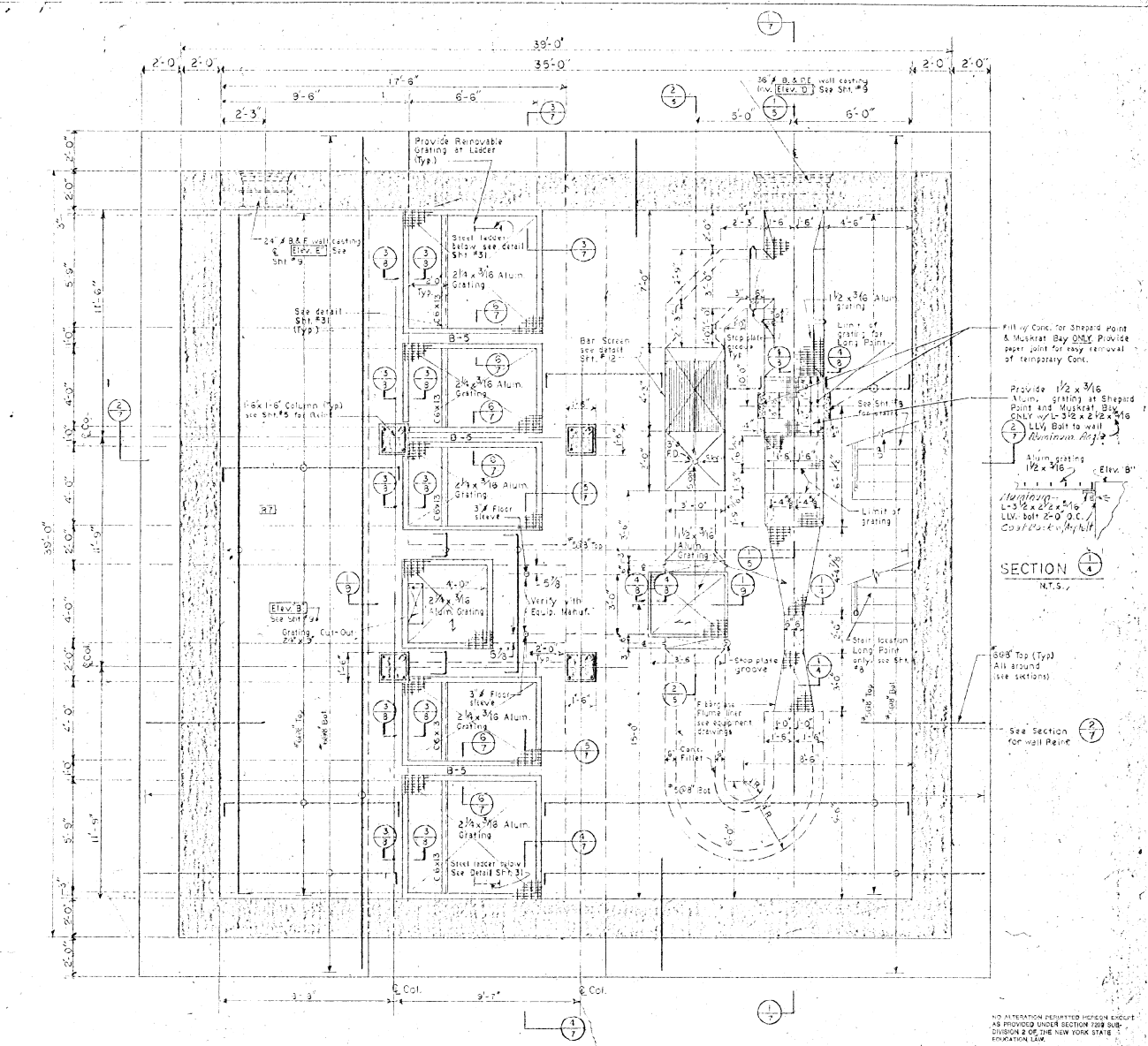


**WET WELL**  
**BOTTOM FLOOR PLAN ELEV. "C"**  
 Scale: 3/8" = 1'-0"

**NOTES:**

1. Verify with equipment supplier regarding size and location of all anchor bolts for pump bases.
2. For wall Rein. see Sht. No. 7.
3. For general notes see Sht. No. 9.

IN CHARGE OF: D.C.M.  
 DESIGNED BY: R.M.  
 DRAWN BY: J.B.C., J.P.S.  
 CHECKED BY: [Signature]



**INTERMEDIATE FLOOR PLAN ELEV. "B"**  
 Scale: 3/8" = 1'-0"

**NOTES:**

1. All grating to be cut and banded in the field to suit discharge plan.
2. All rail bars for the floor to be #5 @ 9" top & bottom, unless otherwise noted on the plan.

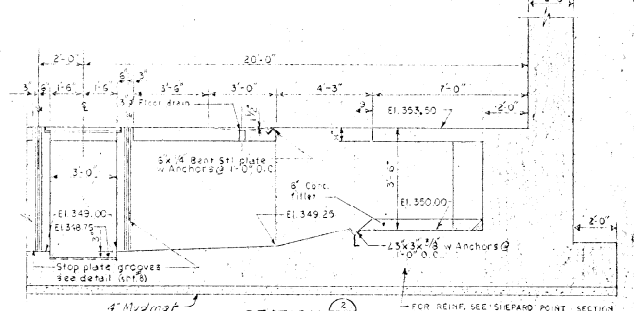
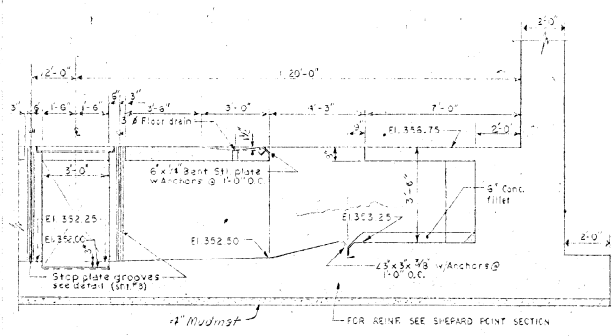
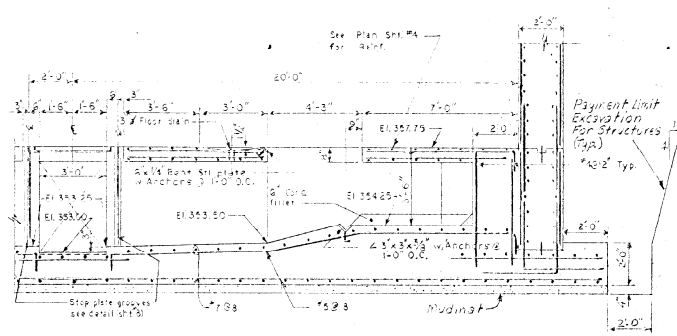
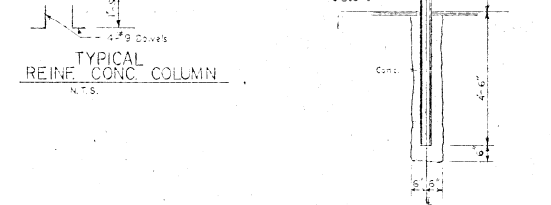
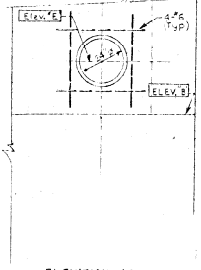
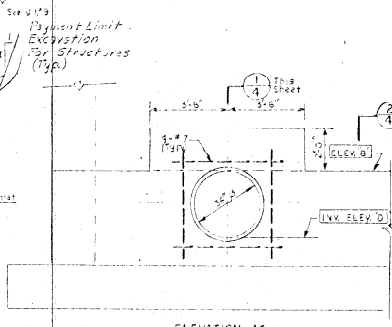
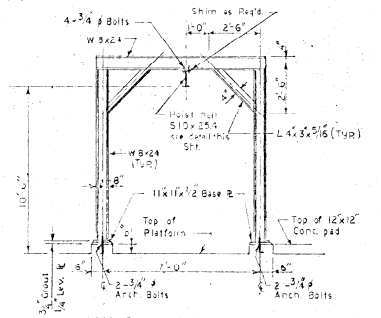
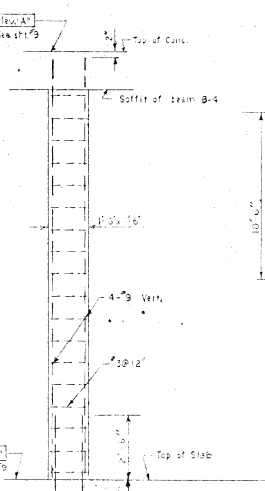
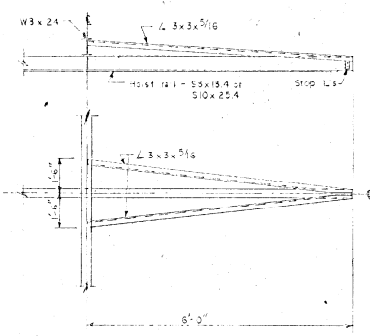
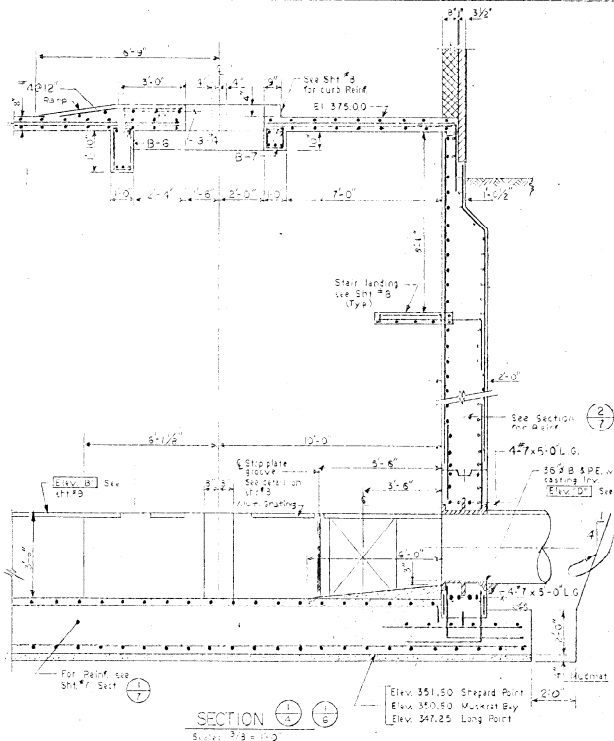
Fill w/ Conc. for Sheard Point & Muskrat Bay ONLY. Provide paper joint for easy removal of temporary Conc.  
 Provide 1/2" x 3/16" Alum. grating at Sheard Point and Muskrat Bay ONLY. Use 3/4" x 2 1/2" x 1/8" LLW Bolt to wall.  
 Alum. grating 1/2" x 3/16" Elev. B  
 Minimum L=3/2" x 2 1/2" x 1/8" LLW Bolt 2'-0" O.C. Cast Conc. in place

**SECTION 1**  
 N.T.S.

**SECTION 2**  
 See Section for wall Rein.

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 709 SUB-DIVISION 2 OF THE NEW YORK STATE REGULATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SHEPARD POINT - MUSKRAT BAY</b>	
<b>LONG POINT</b>	
<b>PUMPING STATIONS</b>	
<b>STRUCTURAL</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
DATE: OCTOBER 1975	SCALE: AS SHOWN
FILE NO.: 55-18-057	



SECTION 4-1/2  
SHEPARD POINT  
N.T.S.

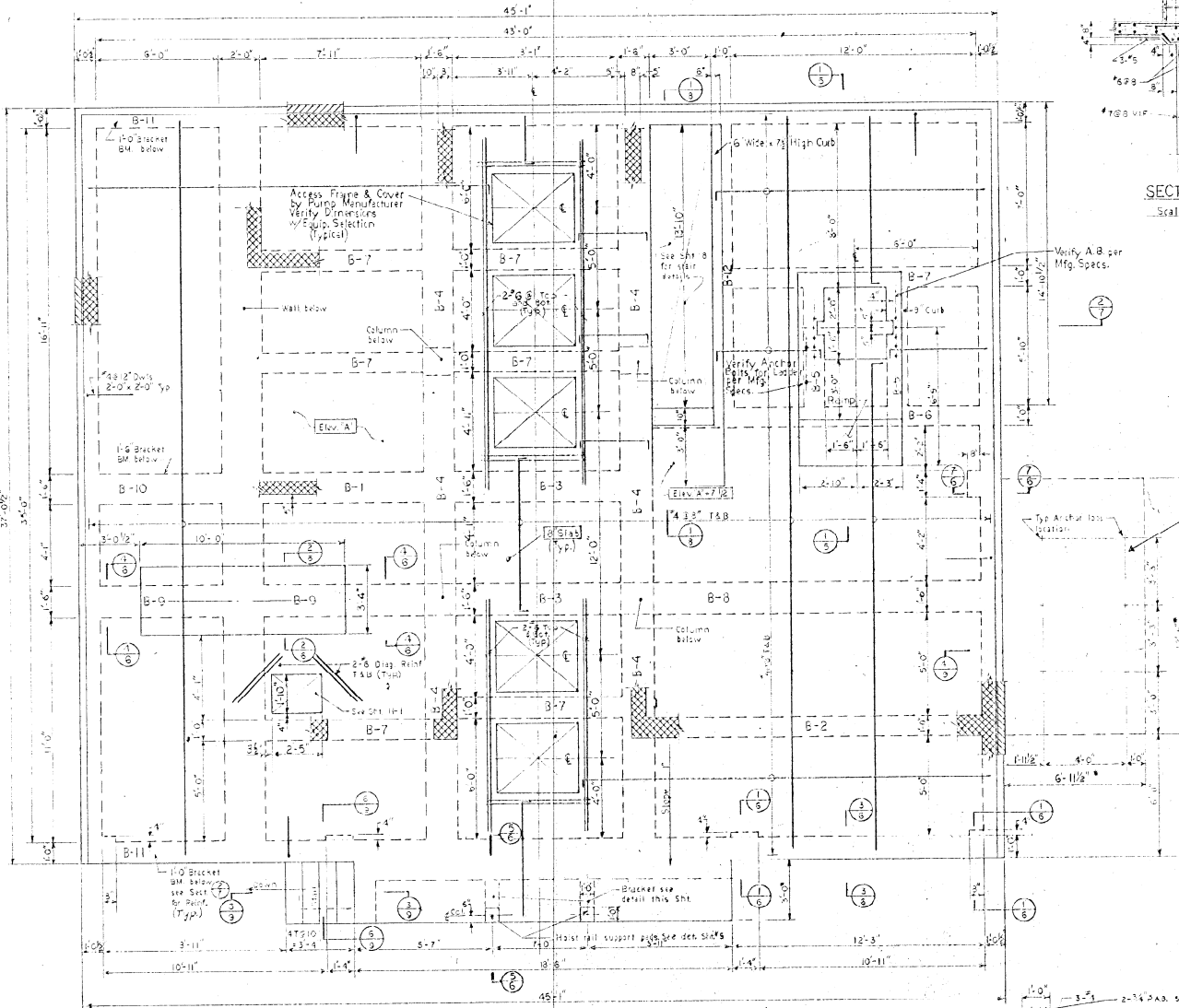
SECTION 1-1/2  
MUSKRAT BAY  
N.T.S.

SECTION 5-1/2  
LONG POINT  
N.T.S.

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

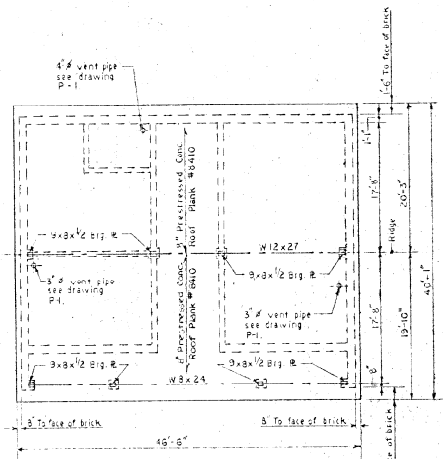
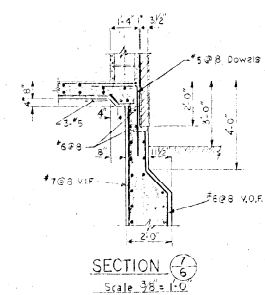
IN CHARGE O.P.D.C.M.  
DESIGNED BY: R.M.  
DRAWN BY: J.P.S.  
CHECKED BY: N.C.S.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION		DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO: 55.13-08F
<b>SHEPARD POINT - MUSKRAT BAY LONG POINT PUMPING STATIONS. STRUCTURAL</b>		
TOWN OF CICERO ONONDAGA CO., N.Y.		BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK
REVISIONS		

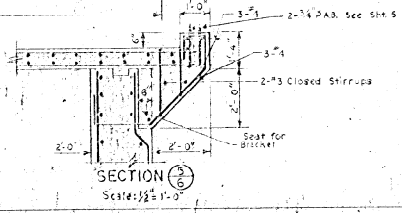
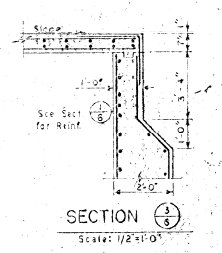
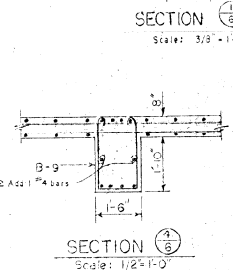
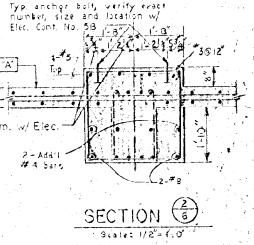
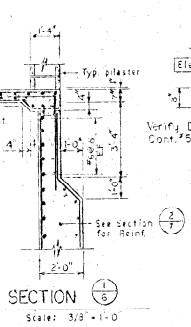


TOP FLOOR PLAN ELEV 'A'  
Scale: 3/8" = 1'-0"

- NOTES:
1. See Typ. Reinf. @ Door Openings (Sh. #3) for detail size & location
  2. Floor slab reinf. #4 @ 8" TAB to be outermost
  3. Provide dowels 4" x 4" Lg. in Beam & wall for 16" H Masonry. Pilasters dowels projecting 3" above the floor. See Sh. #2 for location of Pilasters.

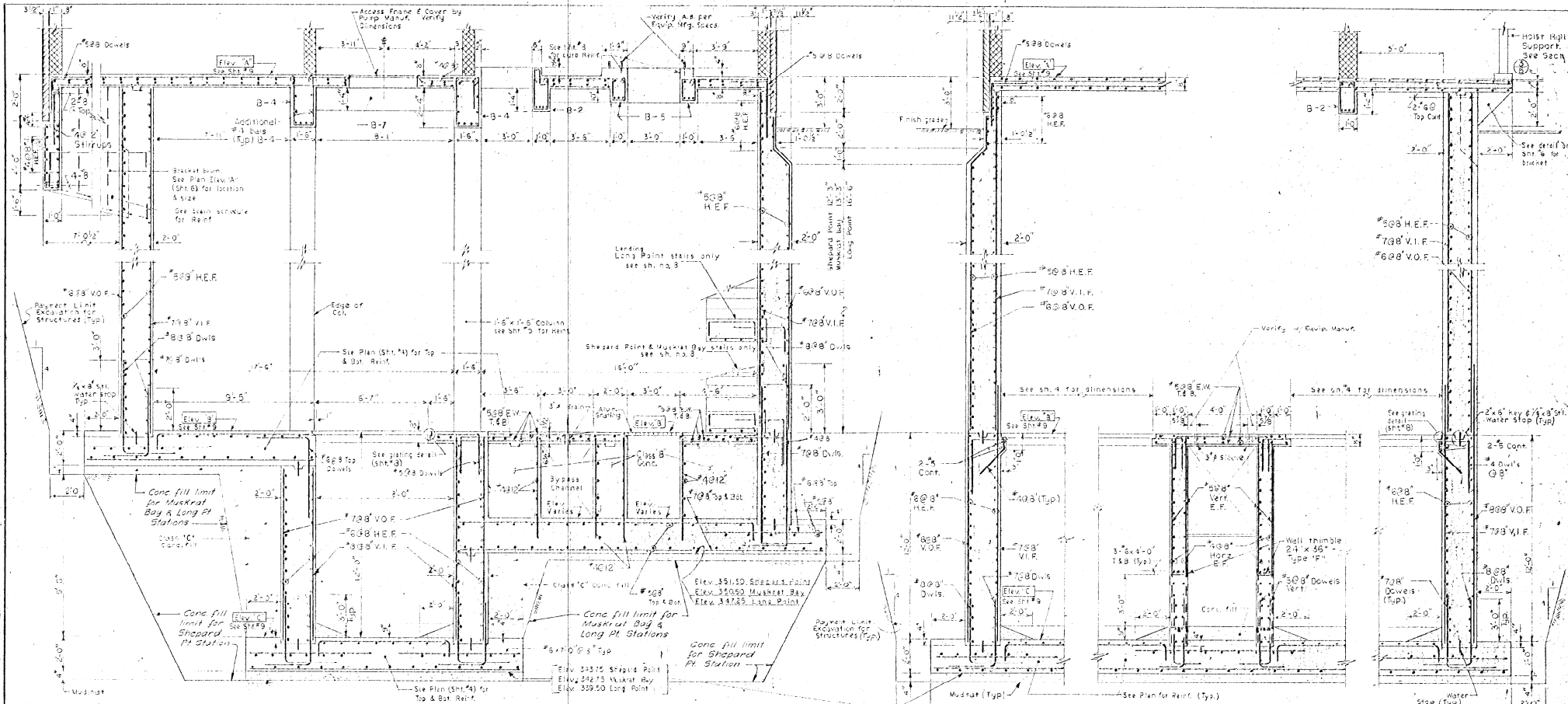


- NOTES:
1. Roof plank designation refers to galvanized Corc plank as manufactured by "Spancrete"
  2. Superimposed design load for plank 188#/sq ft



ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SHEPARD POINT - MUSKRAT BAY LONG POINT PUMPING STATIONS STRUCTURAL.</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUICICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: 05/20/07 075 SCALE: AS SHOWN FILE NO: 55.18-07F
REVISIONS	6

IN CHARGE OF D.D.M.  
DESIGNED BY: R.A.  
DRAWN BY: J.B.K.  
CHECKED BY: J.B.K.



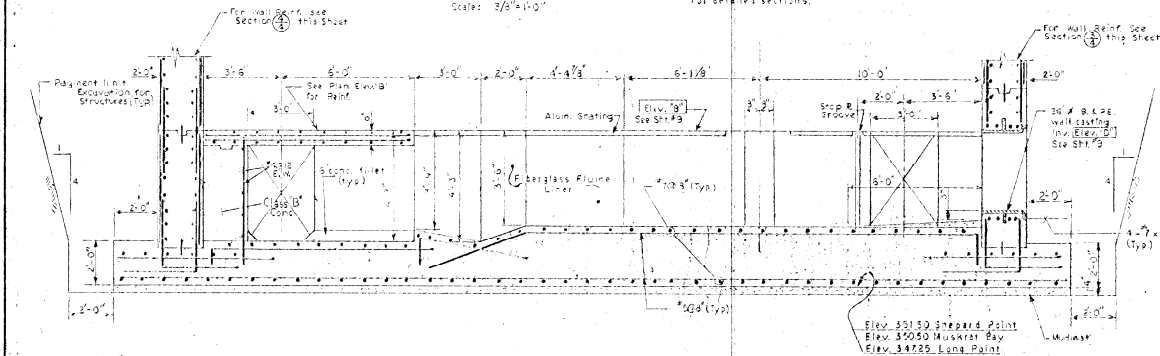
SECTION 2  
Scale: 3/8" = 1'-0"

NOTE: Base slab thickness to be 2'-0" except in all channels. See sh. 5 for detailed sections.

SECTION 3  
Scale: 3/8" = 1'-0"

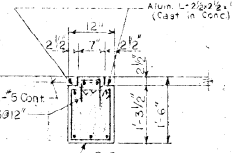
SECTION 4  
Scale: 3/8" = 1'-0"

SECTION 5  
Scale: 3/8" = 1'-0"



SECTION 1  
Scale: 3/8" = 1'-0"

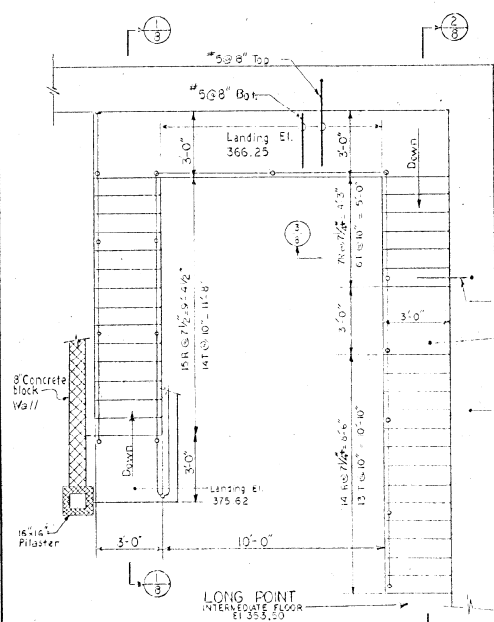
- NOTES:
1. Dewatering will be continuous until backfilling around structure is complete.
  2. No backfill will be placed until approved by the Engineer and all Conc. floors have been placed and allowed to cure for a minimum of 7 days.
  3. For general notes see Sht. No. 9.
  4. If bedrock is encountered, 11" C-2-4" provide rock dowels as shown on Sht. No. 9.



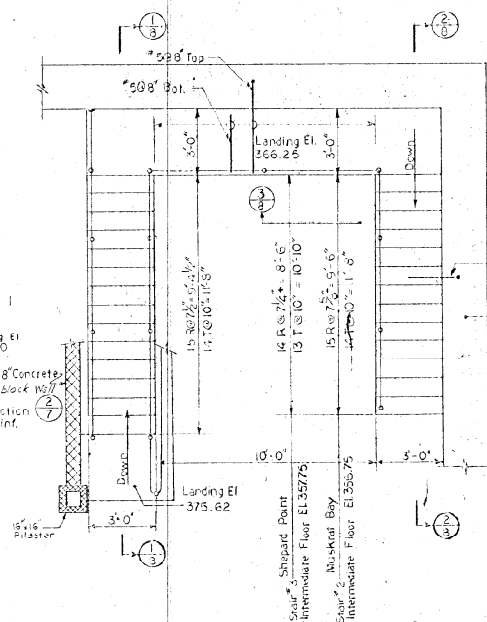
SECTION 6  
Scale: 3/4" = 1'-0"

IN CHARGE OF: D.C.M.  
DESIGNED BY: R.M.  
DRAWN BY: J.B.K., J.R.S.  
CHECKED BY: J.C.M.

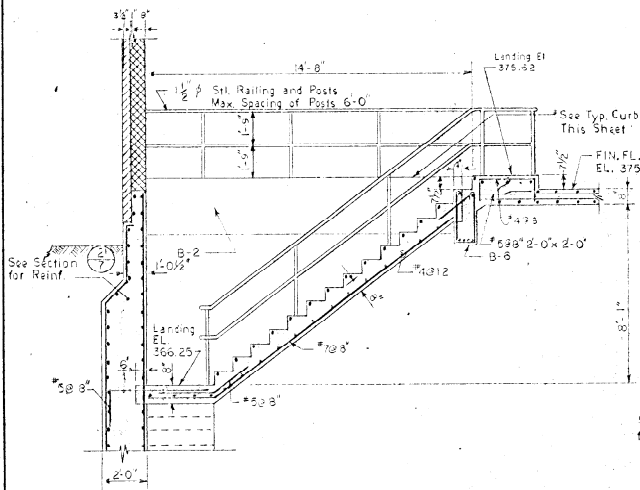
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION <b>SHEPARD POINT - MUSKRAT BAY          LONG POINT          PUMPING STATIONS          STRUCTURAL.</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGGICORP CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO: 55-10-007



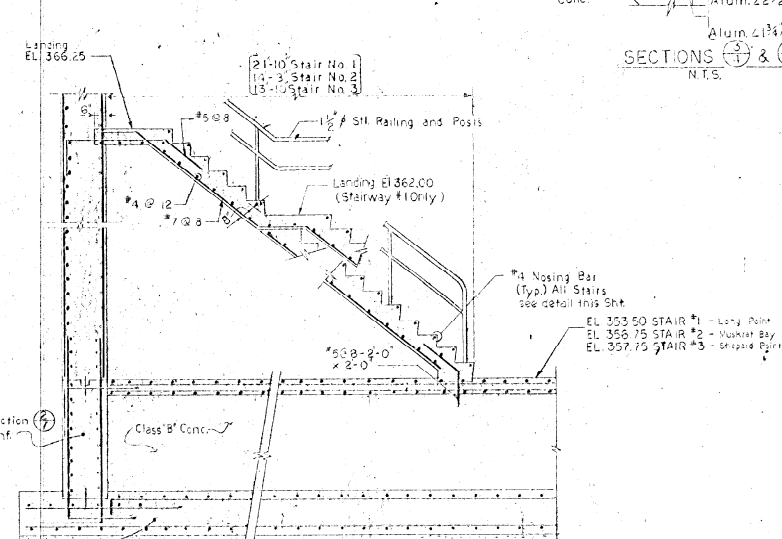
PLAN OF STAIR NO. 1 FROM  
TOP FLOOR TO INTERMEDIATE FLOOR  
Scale: 3/8" = 1'-0"



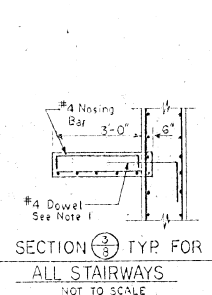
PLAN OF STAIRS NO. 2 & 3 FROM  
TOP FLOOR TO INTERMEDIATE FLOOR  
Scale: 3/8" = 1'-0"



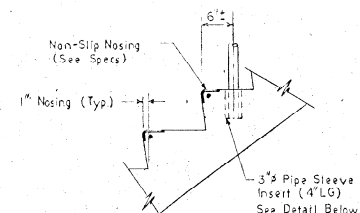
SECTION 1/2  
Scale: 3/8" = 1'-0"



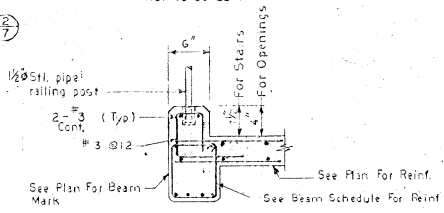
SECTION 2/3  
Scale: 3/8" = 1'-0"



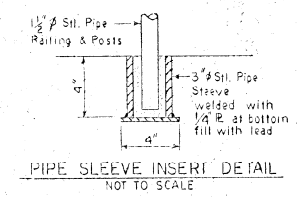
SECTION 3/3 TYP FOR  
ALL STAIRWAYS  
NOT TO SCALE



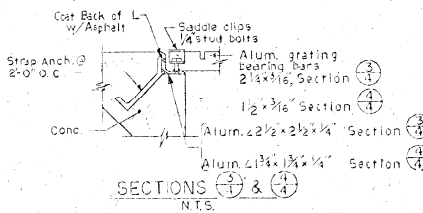
TYPICAL STAIR TREAD DETAIL  
NOT TO SCALE



TYPICAL CURB DETAIL  
NOT TO SCALE



PIPE SLEEVE INSERT DETAIL  
NOT TO SCALE

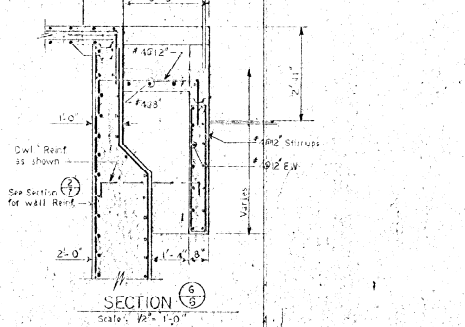
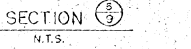
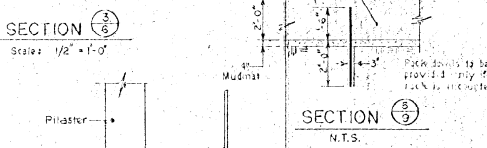
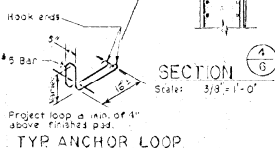
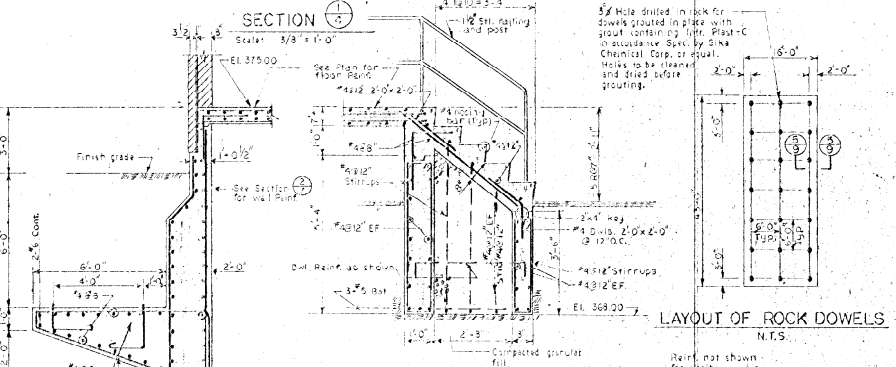
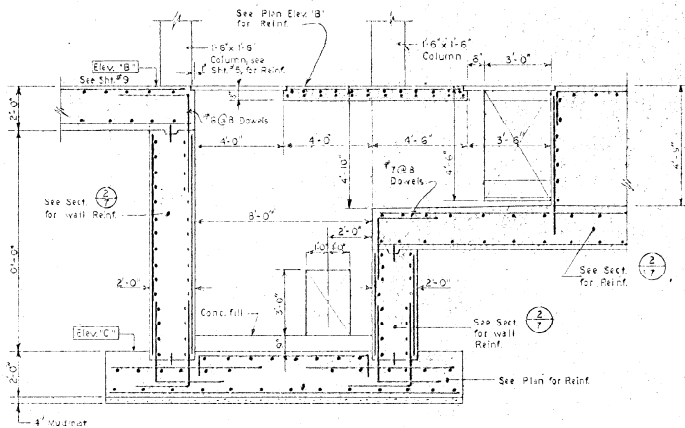


SECTIONS 1/1 & 1/2  
N.T.S.

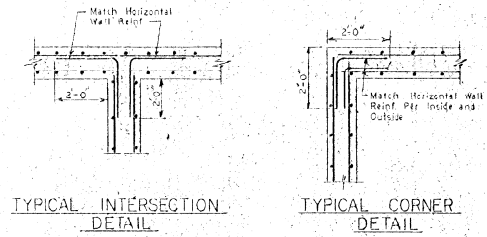
- NOTES
1. Each riser to be doweled into wall with #4-2'-0" x 1'-0"
  2. For general notes see Sht. No. 9

IN CHARGE OF: D. C. M.  
DESIGNED BY: R. M.  
DRAWN BY: J. R. K.  
CHECKED BY: J. R. K.

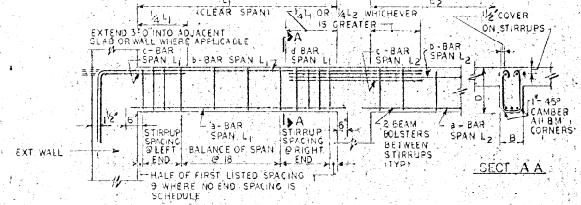
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SHEPARD POINT - MUSKRAT BAY LONG POINT PUMPING STATIONS</b>	
STRUCTURAL	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCTOBER 1976 SCALE: AS SHOWN FILE NO: 54-B-037
REVISIONS	<b>8</b>



- NOTES:**
- All top bars are to be hooked near openings.
  - For floor drains, see P-1. Pitch floors towards drains.
  - Provide 2"x4"x3'-0" Lg. dowels projecting 1'-0" above floor slab at each side of door openings. See Sht. No. 2 for detail.
  - Verify with Mech. Electrical & Plumbing drawings regarding size, location & elevation of all required pipe sleeves, wall castings, anchors & roof openings.



- GENERAL NOTES (READ THE SPECIFICATIONS)**
- Soil conditions: (Produced per New York State Code)
    - A. SOIL - 40 PSF
    - B. FLOODS - 250 PSF
  - Foundations:
    - A. Design Pressure - 6000 PSF
    - B. All footings to rest on undisturbed soil or controlled gravel where indicated on plans.
  - Concrete:
    - A. Design strength - structural concrete 4000 psi & 28 days Class B Concrete fill 3000 psi 28 days Class C. Mud Mat 3000 PSI & 28 days Class C.
    - B. Design Standard - ACI 318 Latest edition.
    - C. Detail Standard - ACI 318 Latest edition.
  - Reinforcing: New billet, steel, A615 Grade 60.
  - Concrete Cover:
    - Walls - 2"
    - Footings - 3"
    - Beams - 2"
    - Structural slabs - 1 1/2"
  - Concrete beams to have min. 4" bearing on concrete walls. Pocket where necessary.
  - Place beam reinforcing in two layers where necessary for required appearance.
  - Place 3 - 16 over all openings in concrete walls where no other reinforcing is indicated. Place 2 - 14 x 4'-0" bars diagonally at each corner of such openings.
  - Provide 4 - 15 x 4'-0" diagonal bars top and bottom at all corners of slab openings unless otherwise shown on plans.
  - See mechanical drawings for location of all mechanical openings in specified floors not shown on architectural and structural drawings. General contractor and steel fabricator to verify number, size and location of all openings with mechanical contractor before pouring any concrete or fabricating any steel.
  - General contractor to coordinate with electrical and plumbing contractors the location and size of openings for specific make equipment they are supplying.
  - Verify with mechanical drawings for dimensions and details not shown on the structural drawings.
  - Structural Steel:
    - A) Steel design standard AISC 1989
    - B) Material:
      - 1) 11 - A-36 - typical
      - 2) Connections shop-welded field high strength bolted or riveted as indicated.



- NOTES:**
- POSITION OF BARS AS SHOWN IN SCHEMATIC TOP BARS IN ONE PLANE UNLESS NOTE 2 APPLIES
  - PLACE BARS IN LAYERS WHERE NECESSARY ACC. TO ACI 318 - 63/8041A.
  - STIRRUPS - #3 BARS, USE 5/16 THRU 5/8 OF BENDING LIST ALL BARS IN CASE OF COMPRESSION REINF. IF CLOSED TIES (T2) TO BE PLACED FROM SUPPORT TO QUARTER SPAN SPACED AS SCHEDULED
  - BEAM #10 - 1/2" WIDER TO HAVE DOUBLE SETS OF STIRRUPS
  - EXTEND TOP BARS 1/2" DIA. BEYOND SUPPORT FACE WHERE X INDICATES COMPRESSION REINF.

**BEAM REINFORCEMENT SCHEDULE**

MARK	SIZE	MAIN REINFORCEMENT				STIRRUPS		SPECIAL SPACING FROM FACE OF SUPPORT	REMARKS
		a	b	c	d	LEFT END	RIGHT END		
B-1	18 30"	4#3	2#5	-	-	#3@12	Full Span	①	
B-2	12 20"	4#3	2#5	2#5	2#5	#3@10	Full Span	②	
B-3	18 24"	3#3	2#5	2#5	2#5	#3@12	Full Span	③	
B-4	18 36"	4#3	2#5	2#5	2#5	-	-	④	
B-5	12 18"	1#3	2#5	-	-	-	-	⑤	
B-6	12 30"	4#3	2#5	2#5	2#5	#3@8	Full Span	⑥	
B-7	12 24"	3#3	2#5	2#5	2#5	#3@10	Full Span	⑦	
B-8	18 24"	4#3	2#5	2#5	2#5	#3@12	Full Span	⑧	
B-9	18 30"	4#3	1#3	-	-	#3@12	Full Span	⑨	
B-10	18 48"	4#3	1#3	-	-	#4@8	Full Span	⑩	
B-11	12 18"	4#3	1#3	-	-	-	-	⑪	
B-12	12 16"	4#3	2#5	2#5	2#5	#3@8	Full Span	⑫	

- Extend top bars 6'-0" beyond wall in Bracket B-9
- Provide closed stirrups
- Extend top bars 3'-0" beyond wall in beam B-1
- Extend top bars 3'-0" beyond wall
- Provide additional Reinf at Connector jct. See Sht. 2 for details.

**ELEVATION SCHEDULE**

Pump Station	Elev. "A"	Elev. "B"	Elev. "C"	Elev. "D"	Elev. "E"
Shard Point	375.00	357.75	345.75	324.75	309.50
Muskrat Bay	375.00	355.75	344.75	323.75	309.50
Long Point	375.00	353.50	341.50	320.50	306.25

Elev. "A" - Top Slab  
 Elev. "B" - Intermediate Slab  
 Elev. "C" - Bottom Slab  
 Elev. "D" - Inv. 50% D.S. PE. wall casting  
 Elev. "E" - 6" Force Main B.F. wall casting

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION  
**SHEPARD POINT - MUSKRAT BAY  
 LONG POINT  
 PUMPING STATIONS  
 STRUCTURAL**

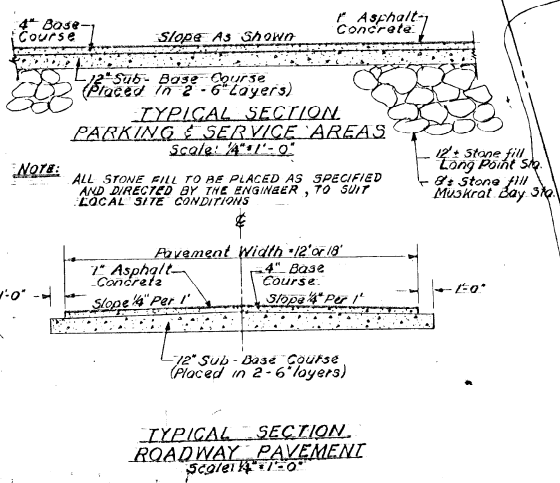
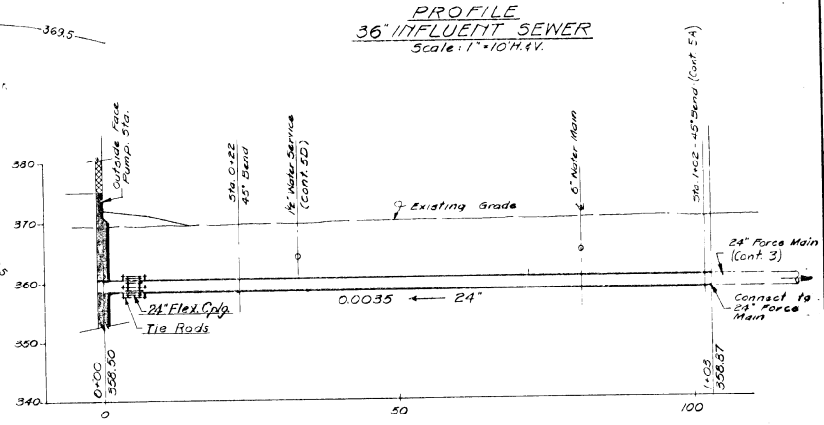
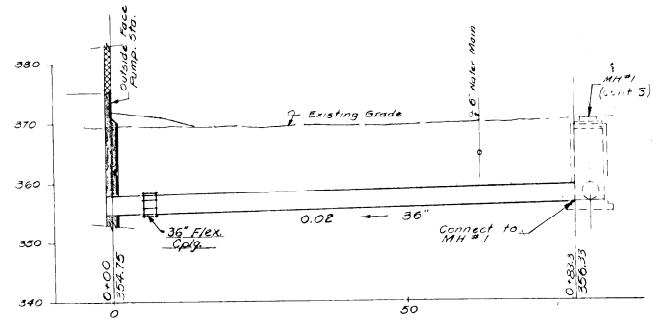
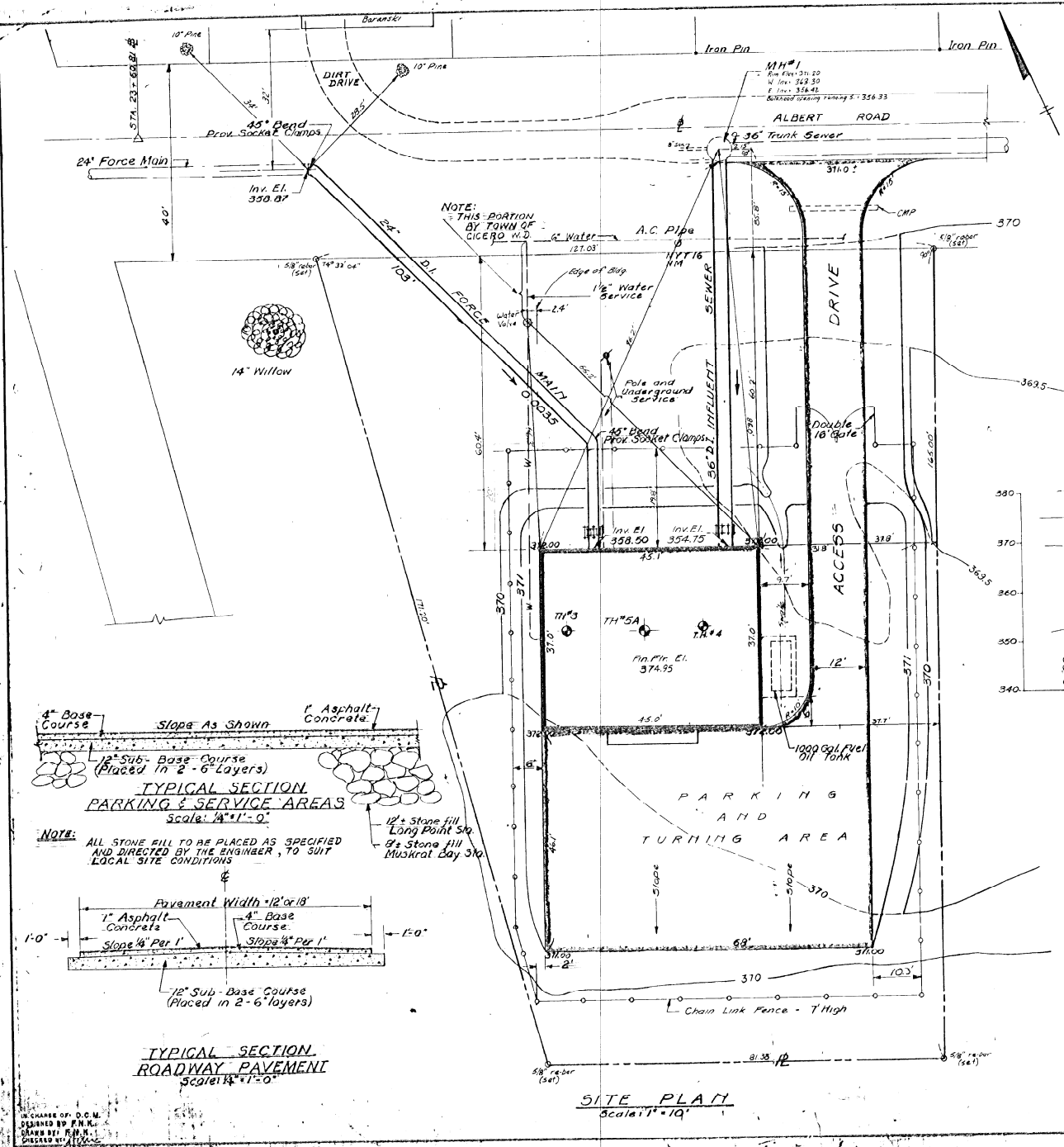
TOWN OF CICERO ONONDAGA CO., NY.  
 BARTON, BROWN, CLYDE & LOGGIDICE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 SOUTH SPRINGFIELD, NEW YORK.

DATE: OCTOBER 1978  
 SCALE: AS SHOWN  
 FILE NO.: 55-19-10F

IN CHARGE OF: D.C.M.  
 DESIGNED BY: B.M.  
 DRAWN BY: J.P.S.  
 CHECKED BY: J.P.S.





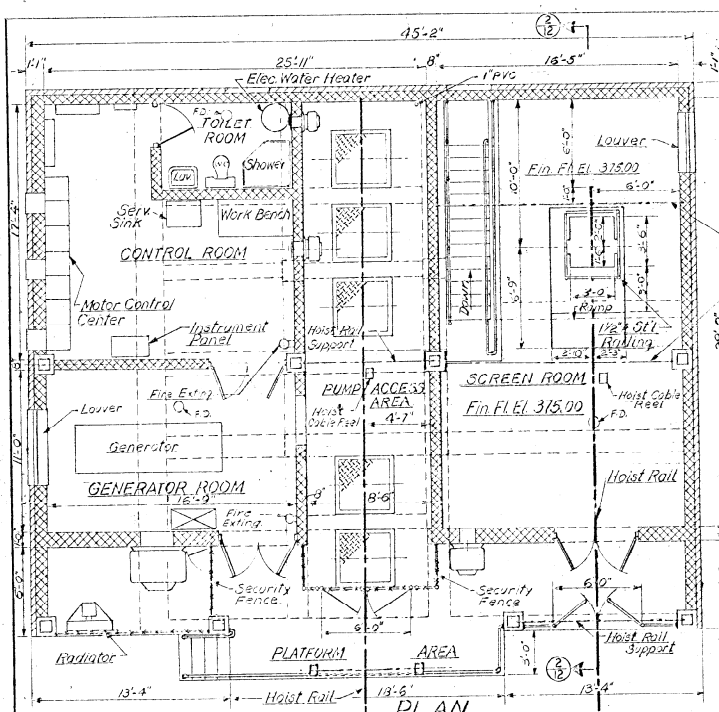


**SITE PLAN**  
Scale: 1" = 10'

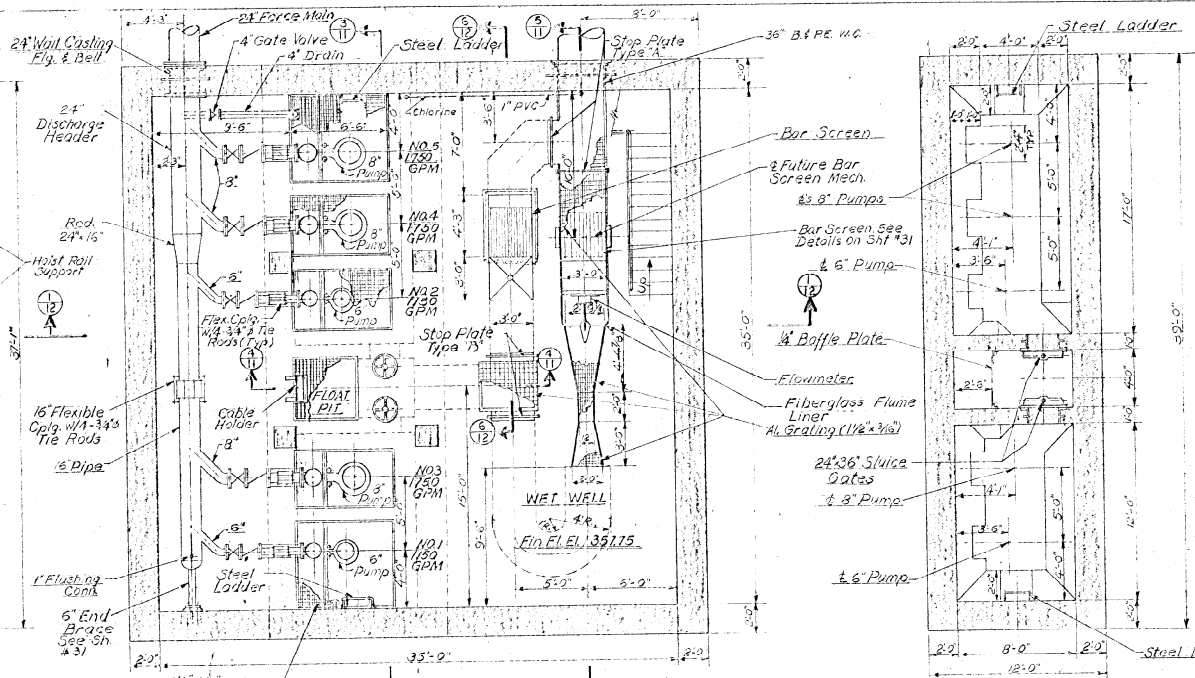
NO ALTERATION PERMITTED HEREIN EXCEPT AS PROVIDED UNDER SECTION 100B SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SHEPARD POINT PUMPING STATION SITE PLAN &amp; PROFILES</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUICIC CONSULTING ENGINEERS & LAND SURVEYORS MORRIS AVENUE, NEW YORK	DATE: OCT., 1975 SCALE: AS SHOWN FILE NO.: 55-38-11F
REVISIONS	<b>10</b>

IN CHARGE OF D.C.M.  
DESIGNED BY P.N.K.  
DRAWN BY P.N.K.  
CHECKED BY P.N.K.



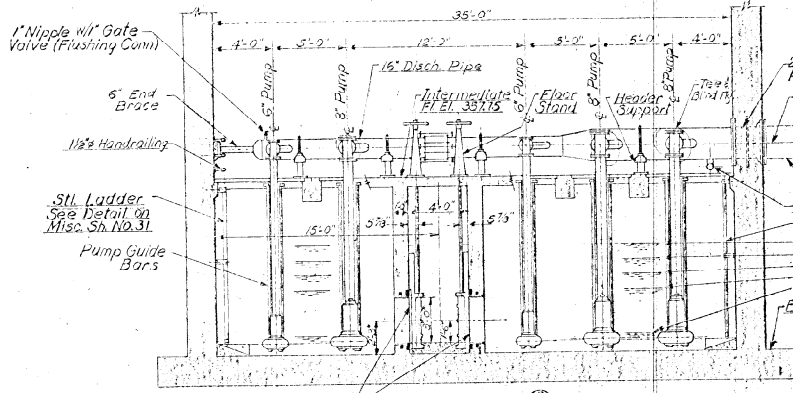
**PLAN TOP FLOOR**  
Scale: 1/4" = 1'-0"



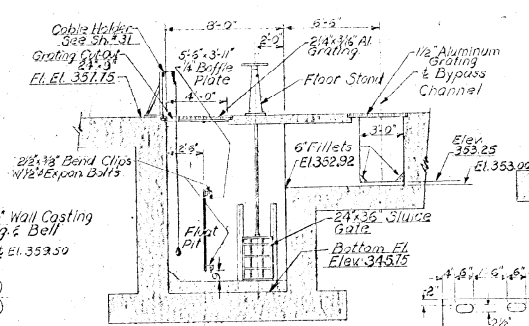
**PLAN INTERMEDIATE FLOOR**  
Scale: 1/8" = 1'-0"

**PLAN BOTTOM FLOOR**  
Scale: 1/8" = 1'-0"

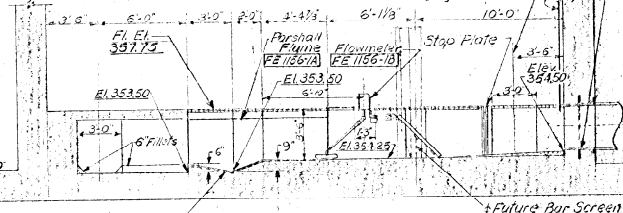
Note: All Pump Discharge Piping Flanged Cast Iron.



**SECTION 1**  
Scale: 1/8" = 1'-0"



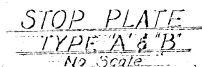
**SECTION 2**  
Scale: 1/4" = 1'-0"



**SECTION 3**  
Scale: 1/4" = 1'-0"



**DETAIL STOP PLATE GROOVES**  
No. 9998

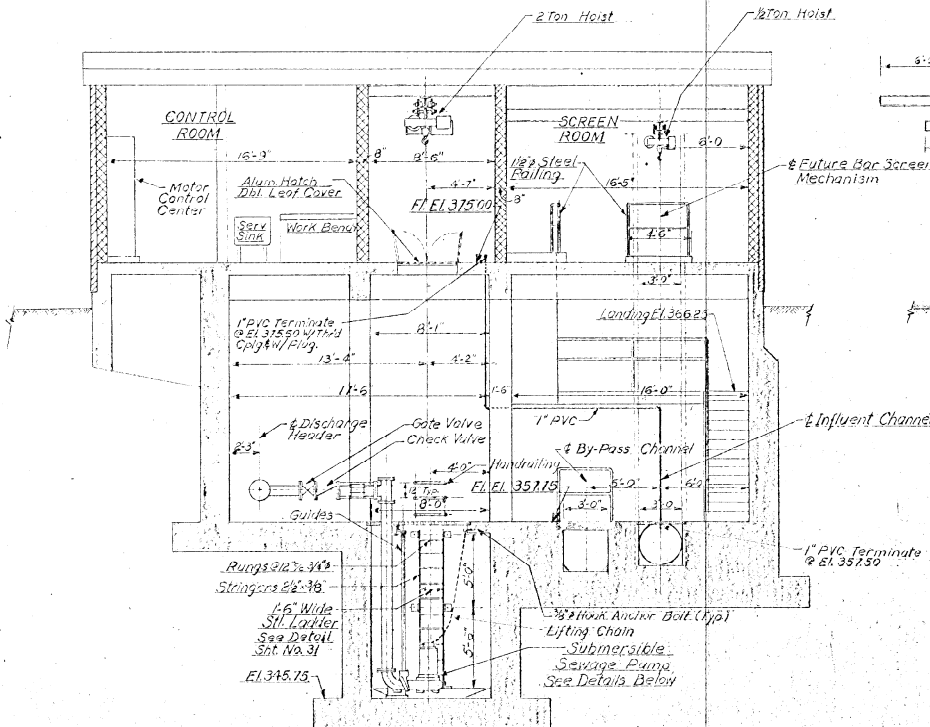


**STOP PLATE TYPE A & B**  
No. 9999

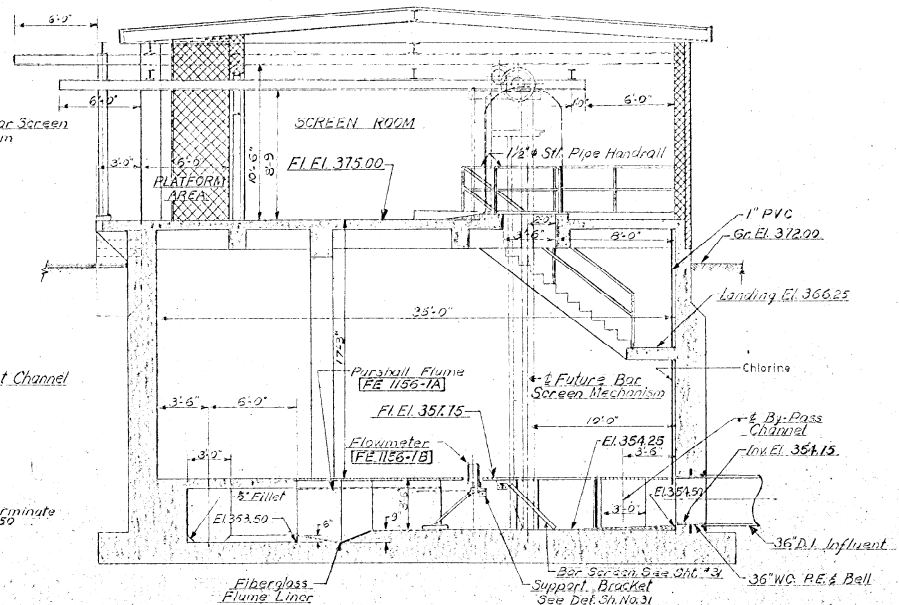
IN CHARGE OF: D. C. M.  
DESIGNED BY: D. C. M.  
DRAWN BY: V. F.  
CHECKED BY: J. C.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SHEPARD POINT PUMPING STATION EQUIPMENT</b>	
TOWN OF CICERO	ONONDAGA CO., NY.
BARTON, BROWN, CLYDE & LOGSDICQUE, CONSULTING ENGINEERS & LAND SURVEYORS, NORTH SYRACUSE, NEW YORK	DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO.: 55-18-12F
REVISIONS	

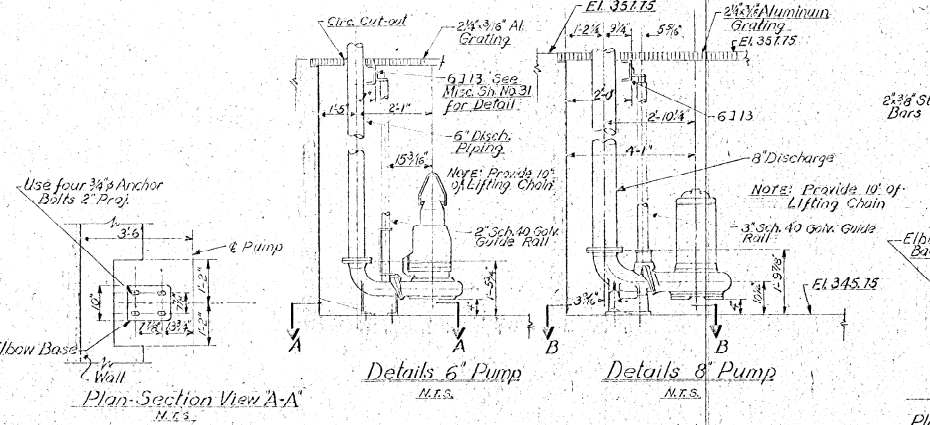
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 709 SUB-DIVISION 3 OF THE NEW YORK STATE EDUCATION LAWS.



SECTION 4  
Scale: 1/4" = 1'-0"



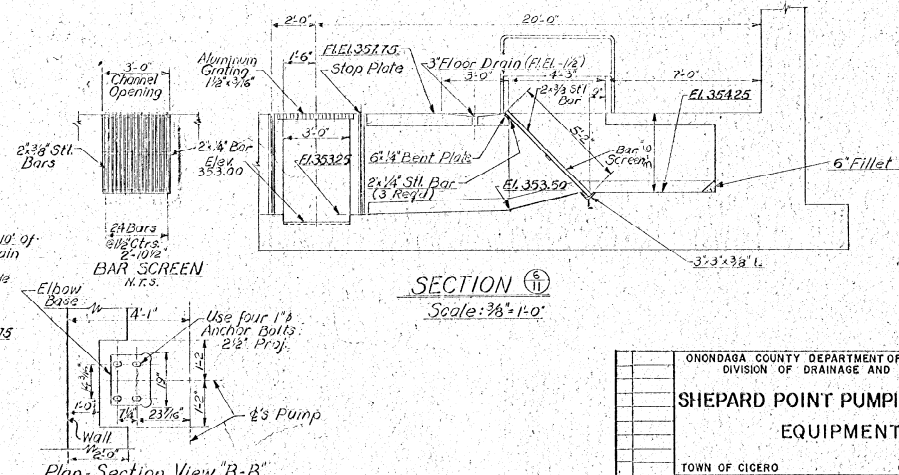
SECTION 5  
Scale: 1/4" = 1'-0"



Details 6" Pump  
N.T.S.

Details 8" Pump  
N.T.S.

Plan-Section View "A-A"  
N.T.S.



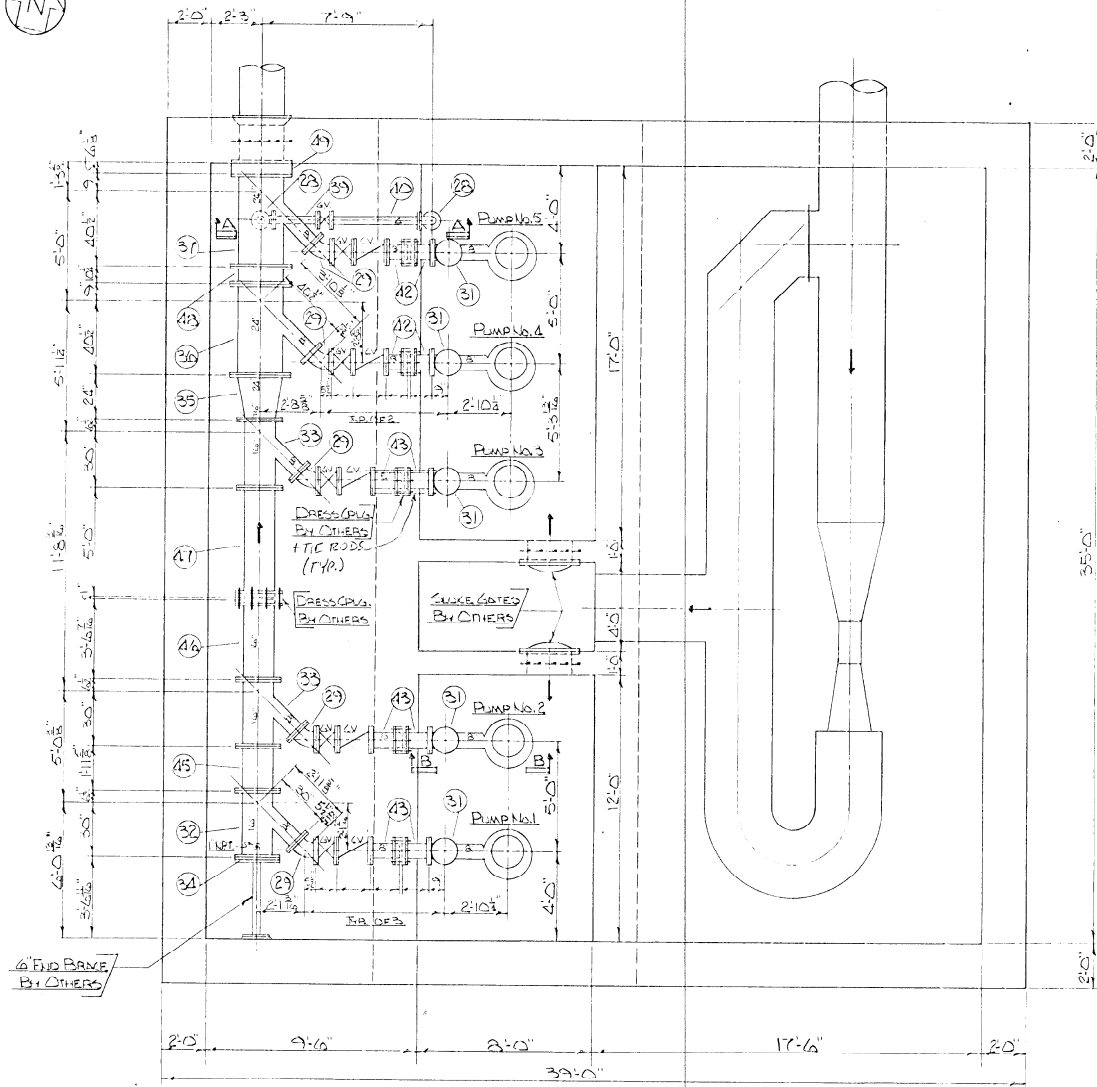
SECTION 6  
Scale: 3/8" = 1'-0"

Plan-Section View "B-B"  
N.T.S.

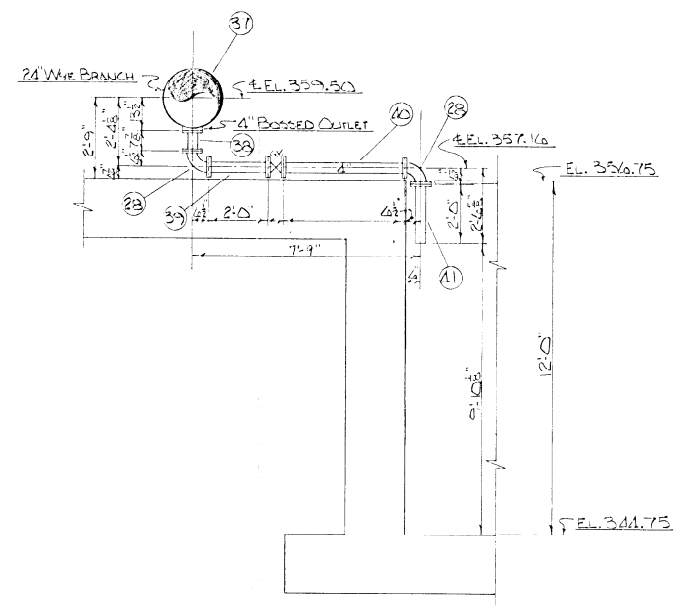
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 100 OF SUBDIVISION 3 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SHEPARD POINT PUMPING STATION EQUIPMENT</b>	
TOWN OF CIGERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGGIOICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH BIRCHMOUNT, NEW YORK	DATE: OCTOBER, 1975 SCALE: AS SHOWN FILE NO: 5573B-15F
REVISIONS	12

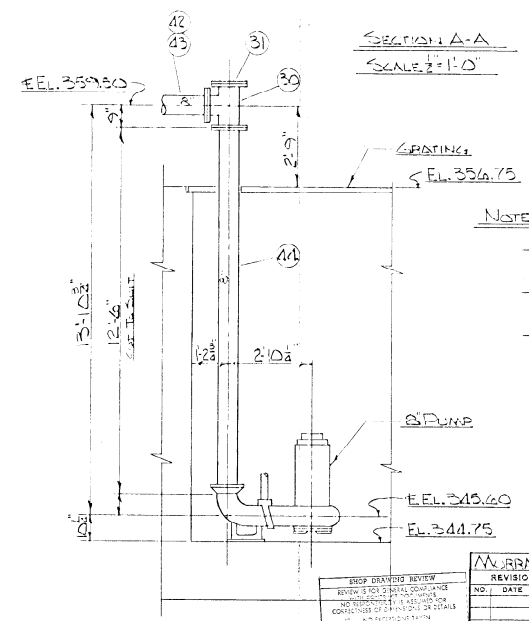
IN CHARGE OF: D.C.M.  
DESIGNED BY: D.O.M.  
CHECKED BY: V.S.  
CHECKED BY: J.L.A.



MUSKRAT BAY PUMPING STATION  
 PLAN  
 SCALE 3/8"=1'-0"



SECTION A-A  
 SCALE 3/8"=1'-0"



SECTION B-B  
 SCALE 3/8"=1'-0"

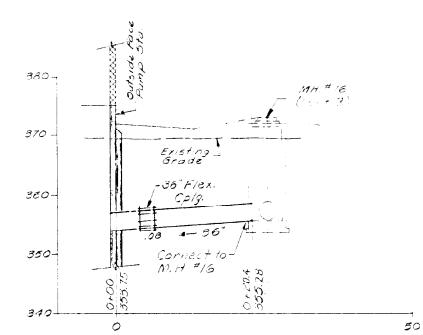
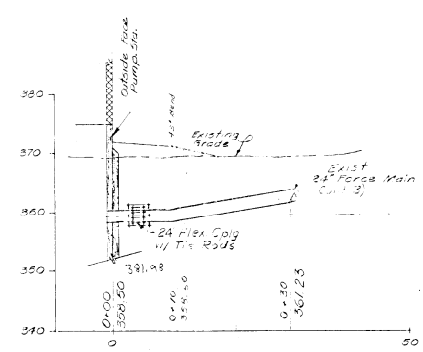
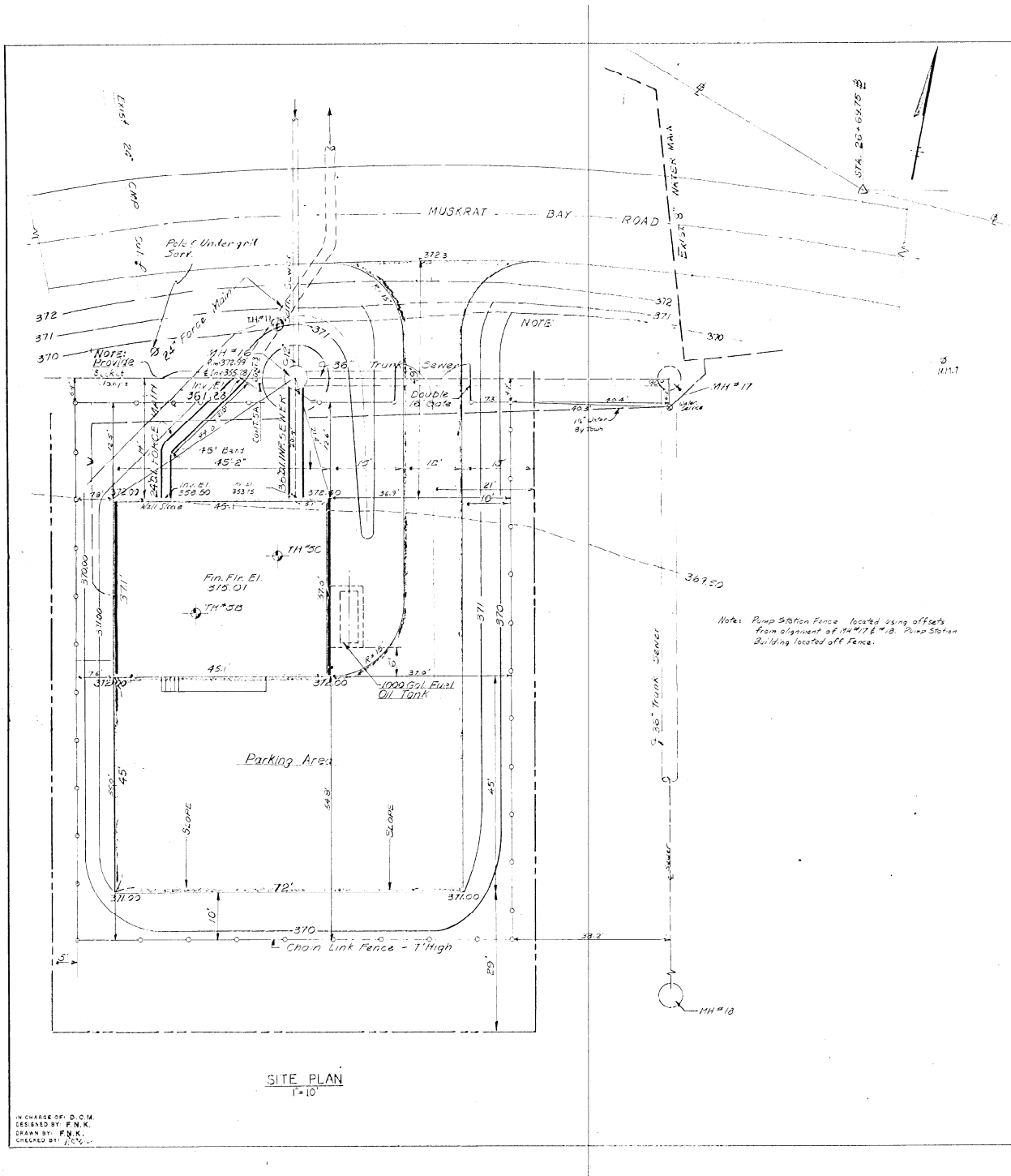
NOTES:  
 1. ALLOWED AT ALL FLG. STG.  
 2. FOR FLG. TIE CLASSETS  
 WORK THIS DWG. WITH MYL  
 SHRS. 6, 7, 8, 9  
 REF. DWGS. PARTON, BROWN,  
 CLICE & LOGAN, SHRS.  
 13, 14, 15

1-A  
 SUBMITTED FOR  
 APPROVAL  
 APR 5 1974  
 UNITED STATES PIPE AND FOUNDRY COMPANY  
 APPROVED BY  
 M  
 Murray Walter, Inc.

NO.	DATE	BY

MURRAY WALTER, INC. 22-EE-1723/6  
 THE DRAFT AND CONTENTS OF THIS DRAWING IS OUR PROPERTY  
 AND NOT BE LOANED, REPRODUCED, COPIED, OR USED FOR ANY  
 OTHER PROJECT WITHOUT THE WRITTEN APPROVAL OF THE DRAFTER  
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 BRIDGEMAN, ALA.  
 GIBBS, NEW YORK  
 MURRAY WALTER, INC.  
 PLANS & DETAILS  
 SCALE AS NOTED  
 DRAWN BY: MMB TRACED BY: CHECKED BY: M  
 DATE: 2-26-74 #12221

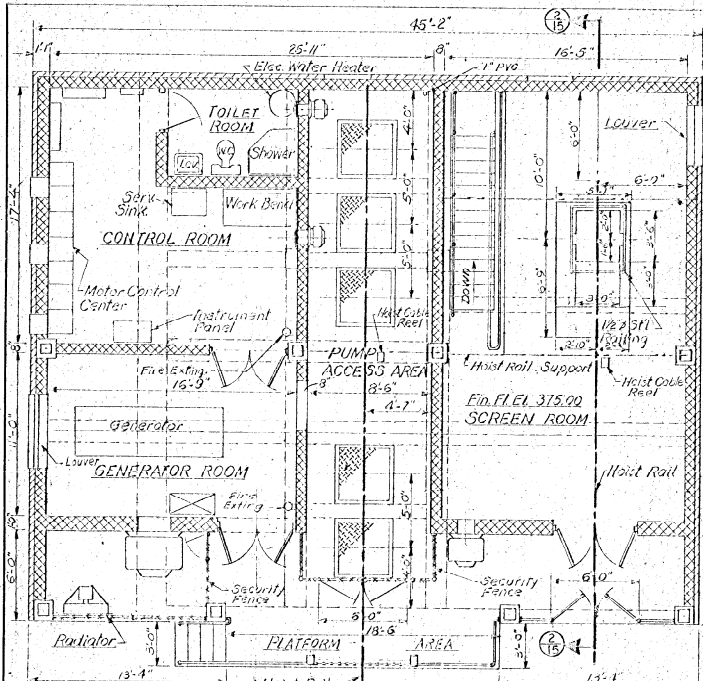
RECEIVED MAY 13 1974



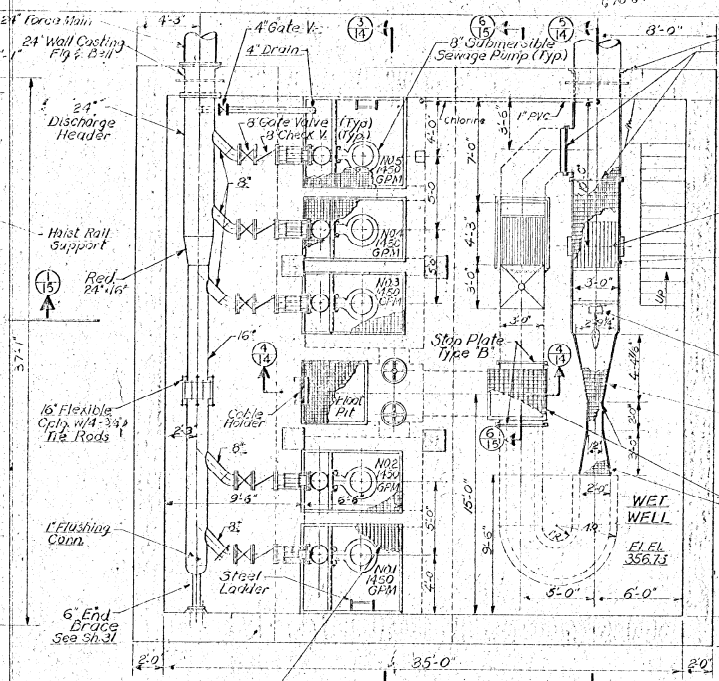
IN CHARGE OF: D. O. M.  
DESIGNED BY: F. N. K.  
DRAWN BY: F. N. K.  
CHECKED BY: J. C. V.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION		DATE: OCT., 1975	
<b>MUSKRAT BAY PUMPING STATION SITE PLAN &amp; PROFILES</b>		SCALE: AS SHOWN	
TOWN OF CICERO ONONDAGA CO., N.Y.		FILE NO.: 55-39-116-F	
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK		13	

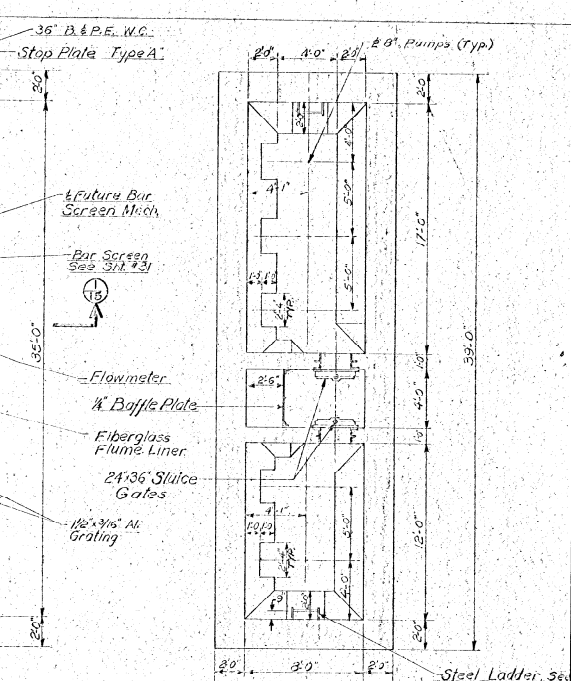
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 109 SUB-D, PARAGRAPH 2 OF THE NEW YORK STATE EDUCATION LAW.



**PLAN TOP FLOOR**  
Scale: 1/4" = 1'-0"

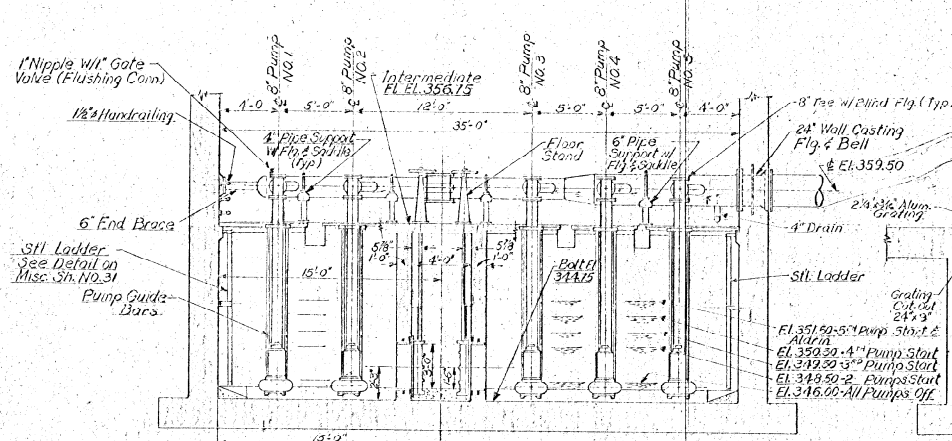


**PLAN INTERMEDIATE FLOOR**  
Scale: 1/4" = 1'-0"

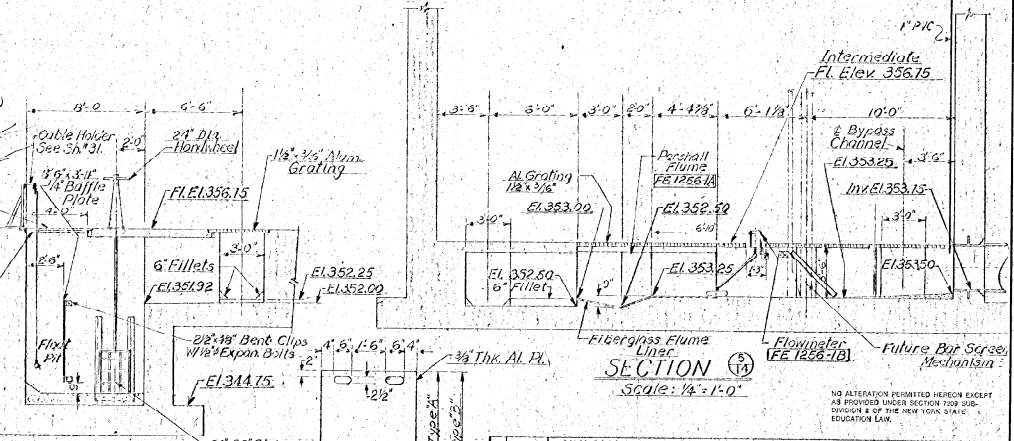


**PLAN BOTTOM FLOOR**  
Scale: 1/4" = 1'-0"

Note: All Pump Discharge Piping Flanged Cast Iron



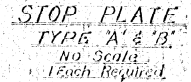
**SECTION (3)**  
Scale: 1/8" = 1'-0"



**SECTION (14)**  
Scale: 1/4" = 1'-0"



**DETAIL STOP PLATE GROOVES**  
No Scale



**STOP PLATE TYPE A & B**  
No Scale  
Each Required

IN CHARGE OF: D.C.M.  
DESIGNED BY: D.C.M.  
DRAWN BY: V.F.  
CHECKED BY: J.C.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION

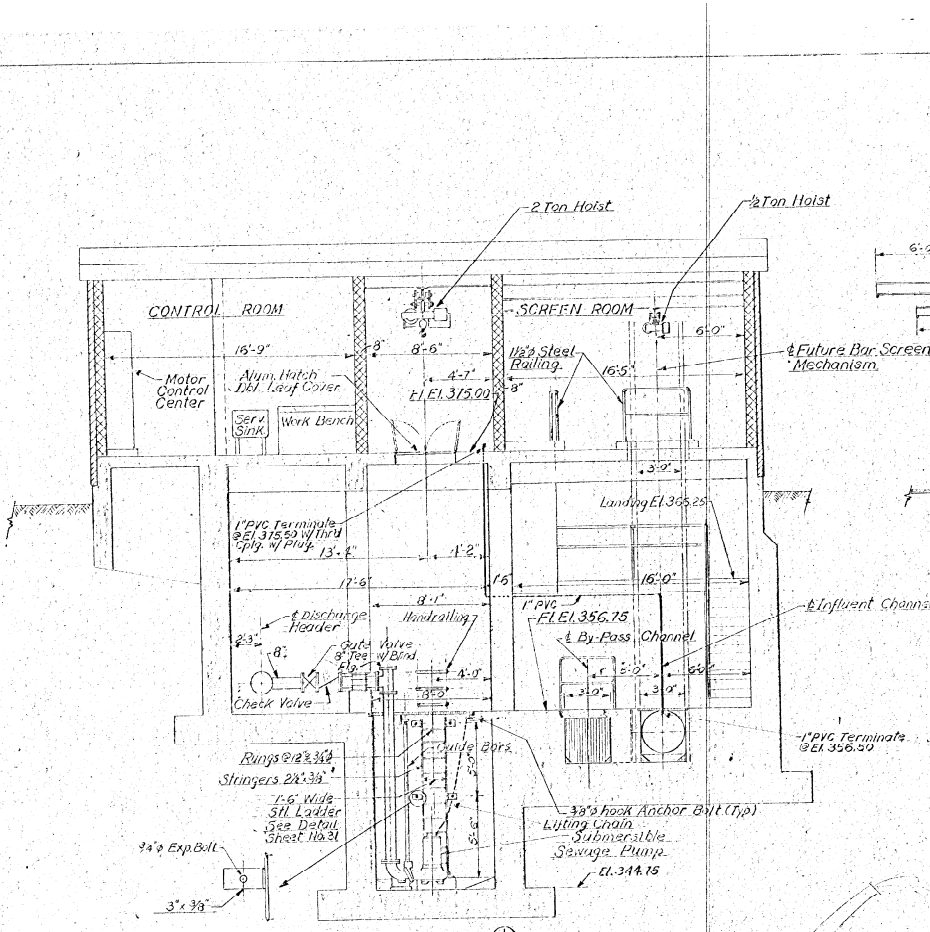
**MUSKRAT BAY PUMPING STATION EQUIPMENT**

TOWN OF CICERO ONONDAGA CO. NY  
DATE: OCTOBER 1975  
SCALE: AS SHOWN  
FILE NO: 55-8-15F

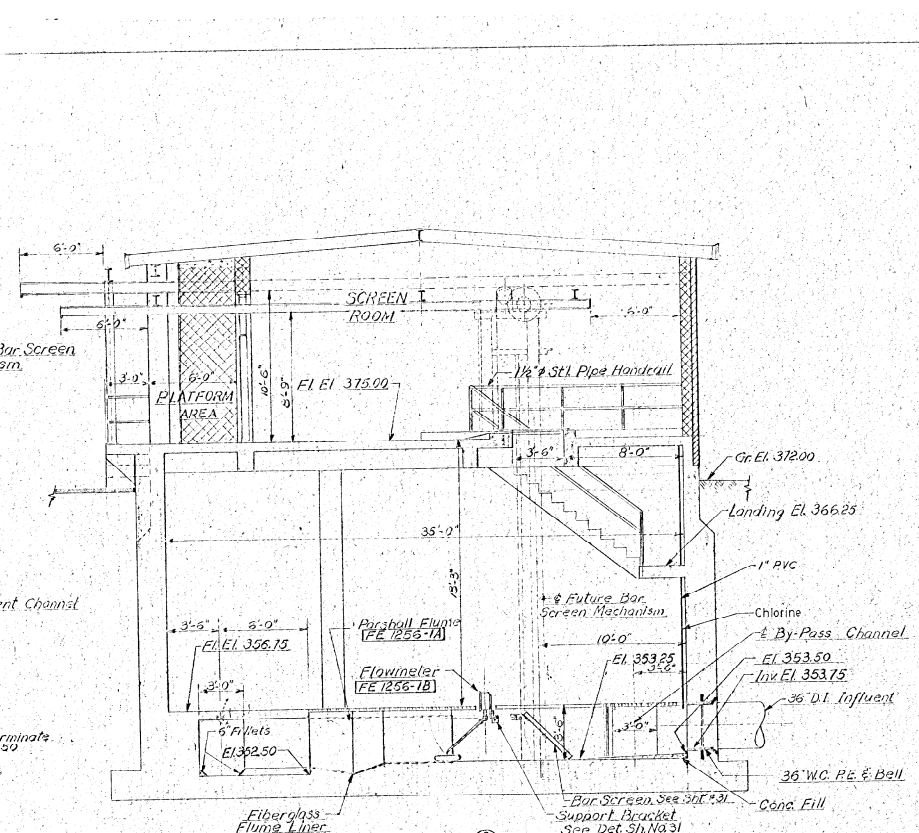
HARTON, BROWN, CLYDE & LOGUICICE  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 170-1.1 OF THE NEW YORK STATE EDUCATION LAW.

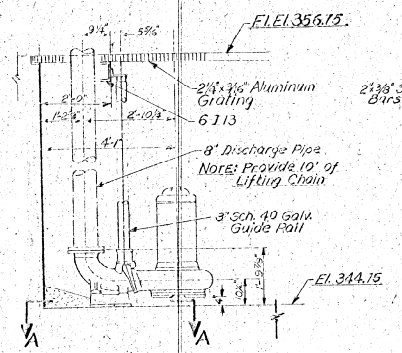




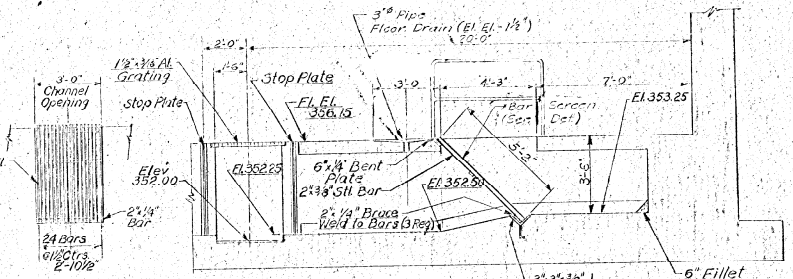
SECTION 14  
Scale: 1/4" = 1'-0"



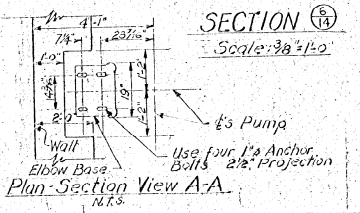
SECTION 15  
Scale: 1/4" = 1'-0"



Details 8' Pump  
Note: Verify Dims. w/Equip. Mfr.



BAR SCREEN  
No Scale



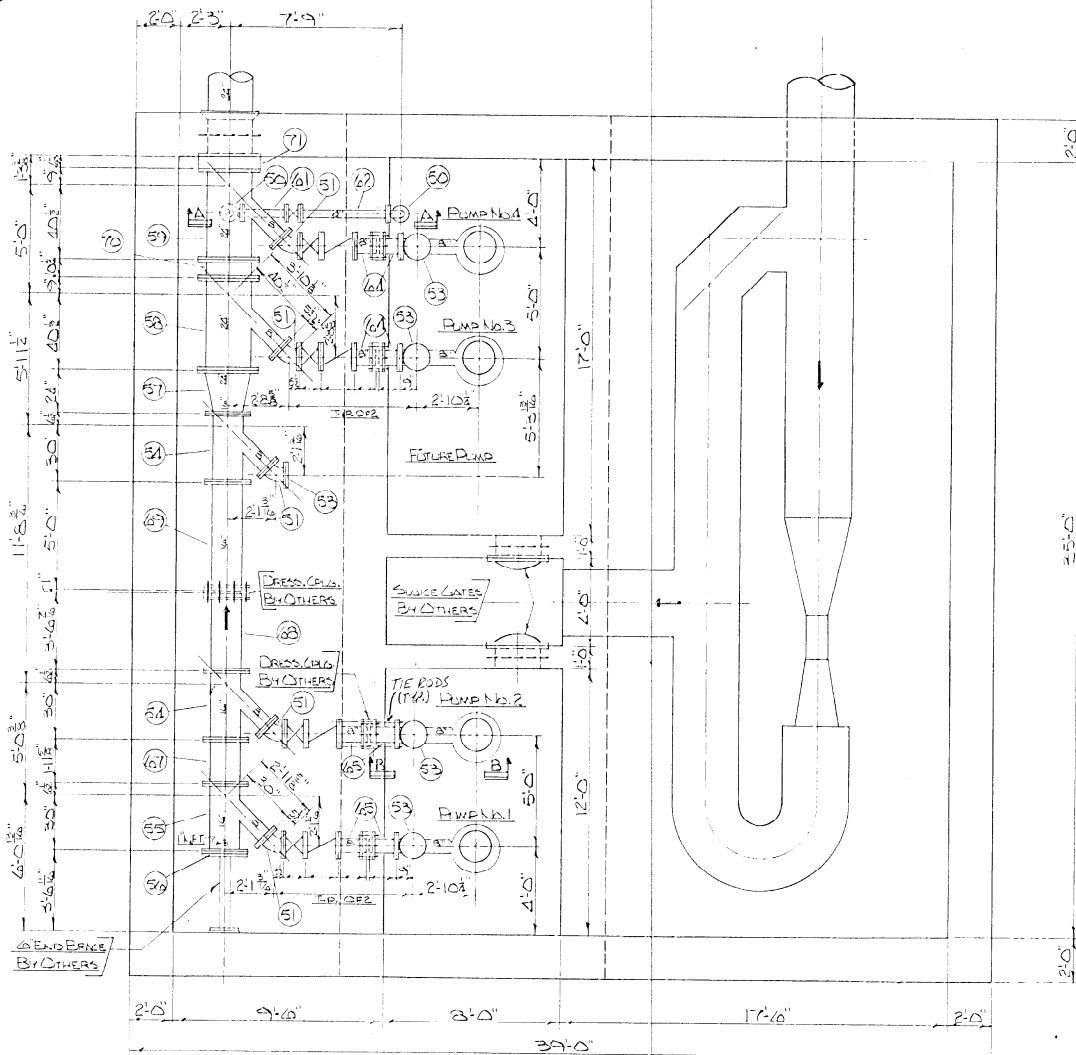
SECTION 16  
Scale: 3/8" = 1'-0"

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION		
<b>MUSKRAT BAY PUMPING STATION EQUIPMENT</b>		
TOWN OF CICERO	ONONDAGA CO., N.Y.	
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO.: 551-8-15 F	<b>15</b>

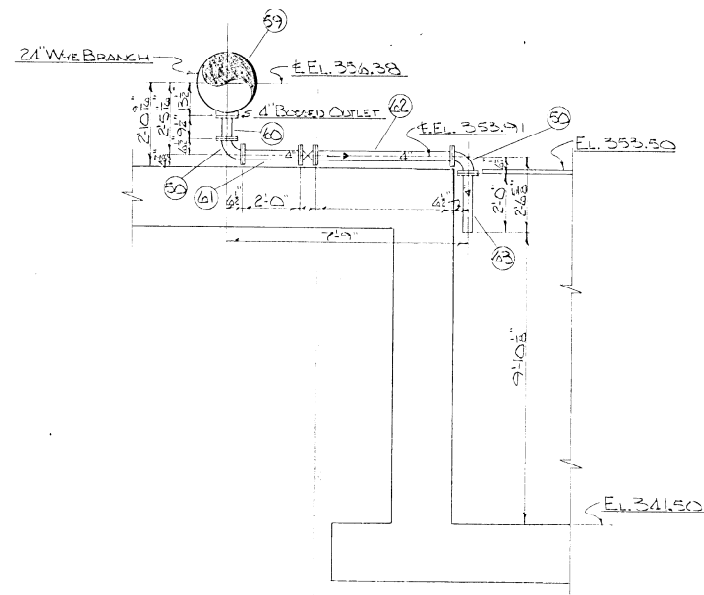
IN CHARGE OF: D.C.M.  
DESIGNED BY: D.C.M.  
DRAWN BY: V.P.  
CHECKED BY: J.P.

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 1708 SUB-DIVISION 8 OF THE NEW YORK STATE EDUCATION LAW.

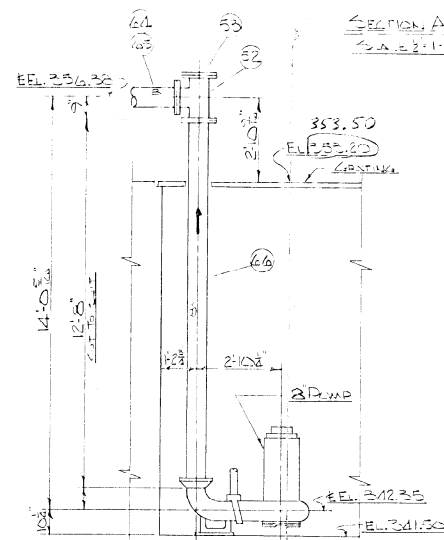




LONG POINT PUMPING STATION  
PLAN  
SCALE 3/8" = 1'-0"



SECTION A-A  
SCALE 1/2" = 1'-0"



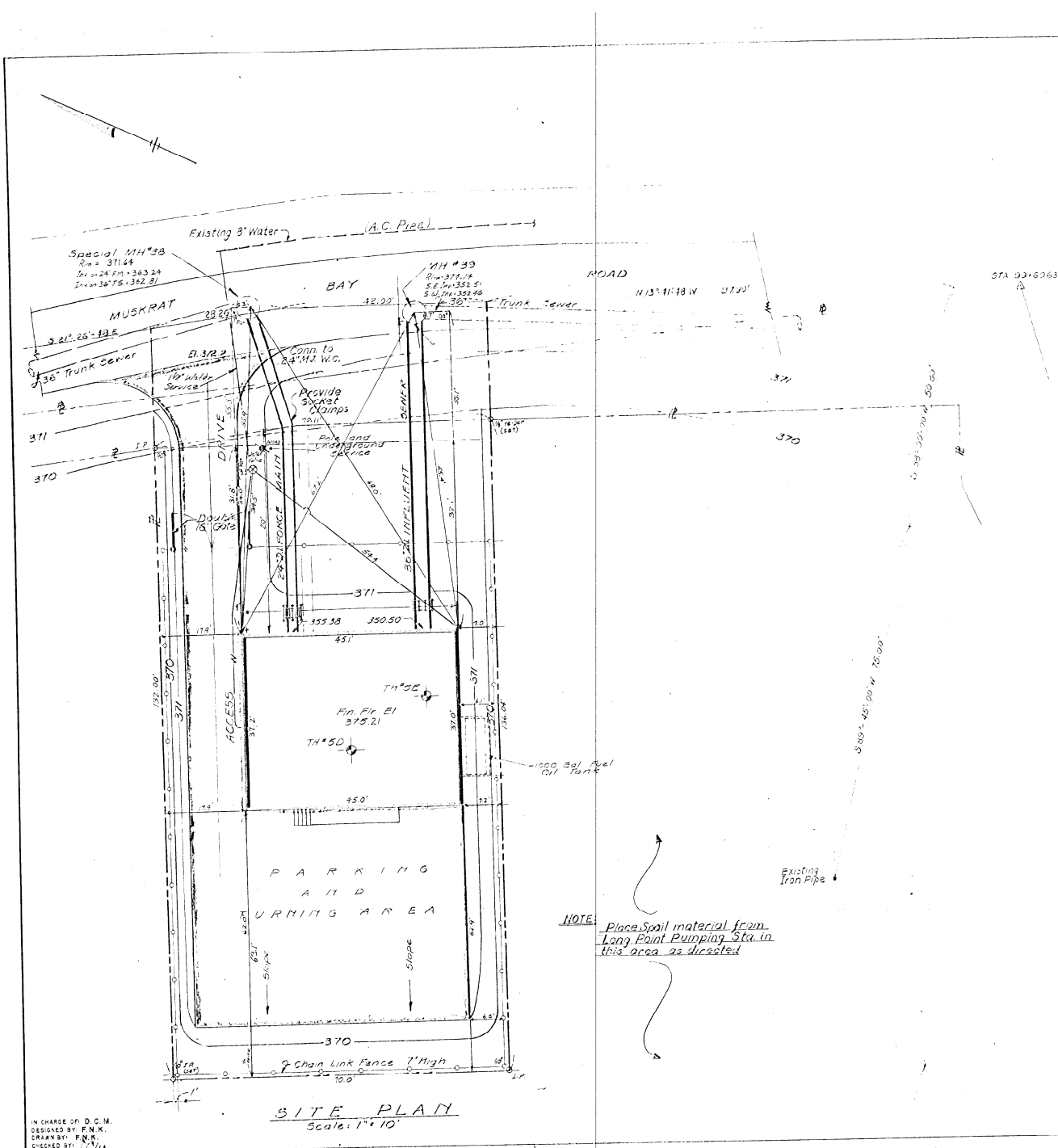
SECTION B-B  
SCALE 1/2" = 1'-0"

- NOTES:
- 1. ALLOWED AT ALL FLG. STS. FOR FLG. TYP. CLACKETS
  - 2. WORK THIS Dwg. MVL SHTS. 01, 11, 12, 13
  - 3. REF. DWGS. BURTON, BROWN, CLINE & LLOYD, ET. SHTS. 16, 17, 18

1-A  
SUBMITTED FOR  
APPROVAL  
UNITED STATES PIPE AND FOUNDRY CO. 4/3/74  
K.S.O.  
RECEIVED Approved for Submittal  
APR 5 1974  
MURRAY WALTER, INC.

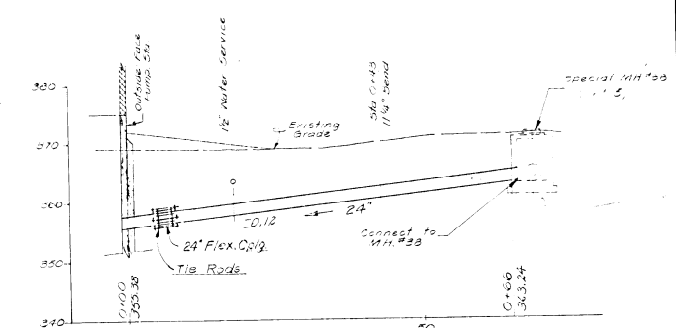
MURRAY WALTER, INC. 32-FF-172A/0		
REVISION	NO.	DATE
UNITED STATES PIPE AND FOUNDRY CO. BRANSHAM, ALA.		
CYBER, NEW YORK		
LONG POINT PUMPING STN.		
PLUMBING DETAILS		
SCALE AS NOTED		
DRAWN BY B.B.B. TRACED BY _____		
DATE 2-22-74		CHECKED BY F-12229

THIS DRAWING SYSTEM  
REV. 1-5 FOR 3000 PSI. DRAWING  
AND 3000 PSI. DRAWING  
CONSTRUCTION OF THIS DRAWING  
IS NOT TO BE USED FOR  
CONSTRUCTION OF THIS DRAWING  
UNLESS THE DRAWING IS  
REVISIONED BY THE  
AUTHOR AND A COPY IS  
MAILED TO THE  
DATE 1/17/74 BY C.H.E.

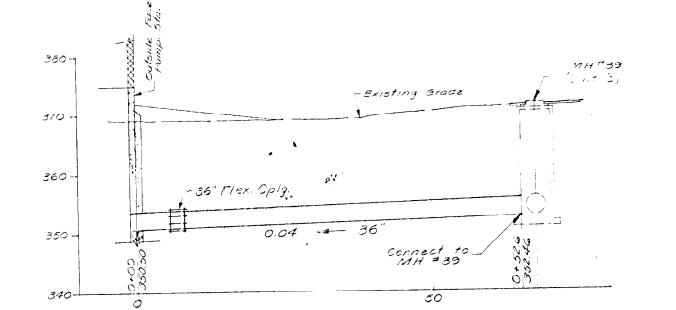


**SITE PLAN**  
Scale: 1" = 10'

**NOTE:** Place Spoil material from Long Point Pumping Sta. in this area as directed



**PROFILE**  
**24\"/>**

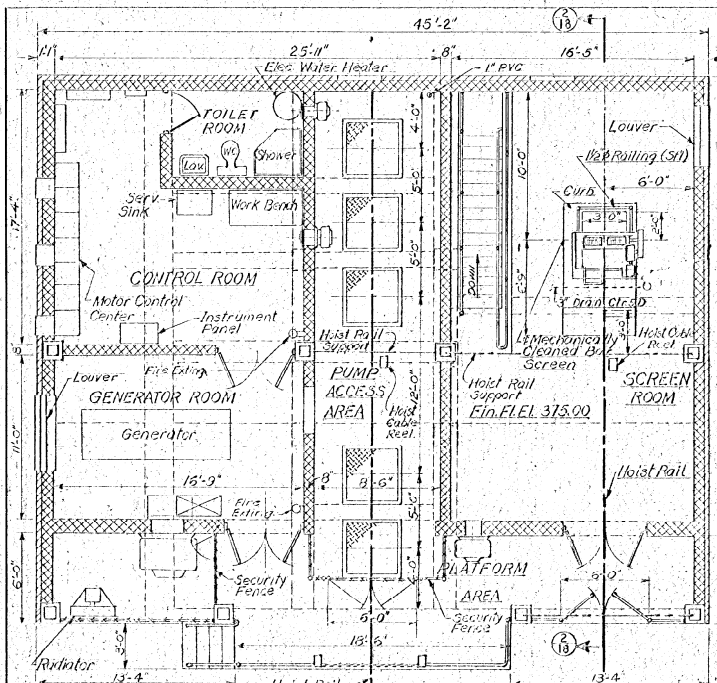


**PROFILE**  
**36\"/>**

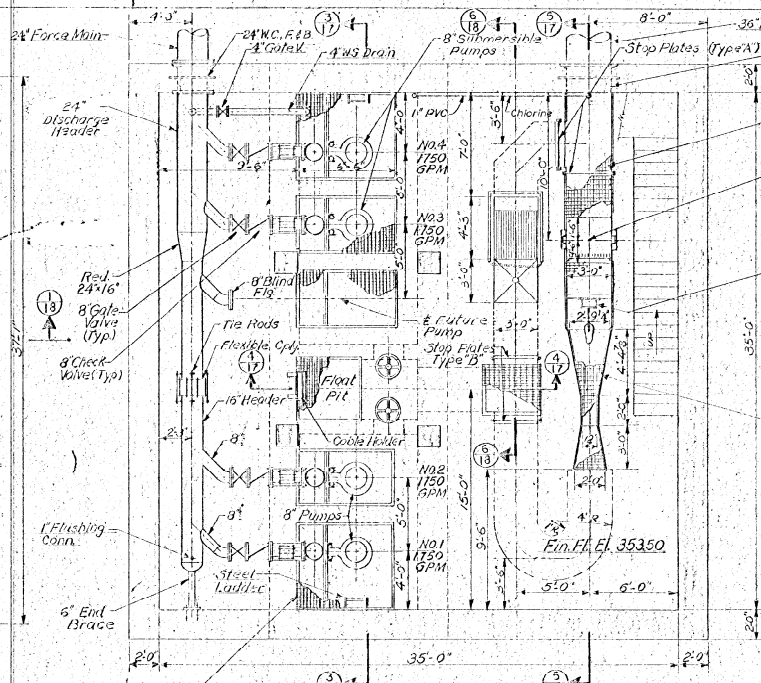
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION TWO OF THE EDUCATION LAW.

IN CHARGE OF: D.C.M.  
DESIGNED BY: F.N.K.  
DRAWN BY: F.N.K.  
CHECKED BY: J.V.A.

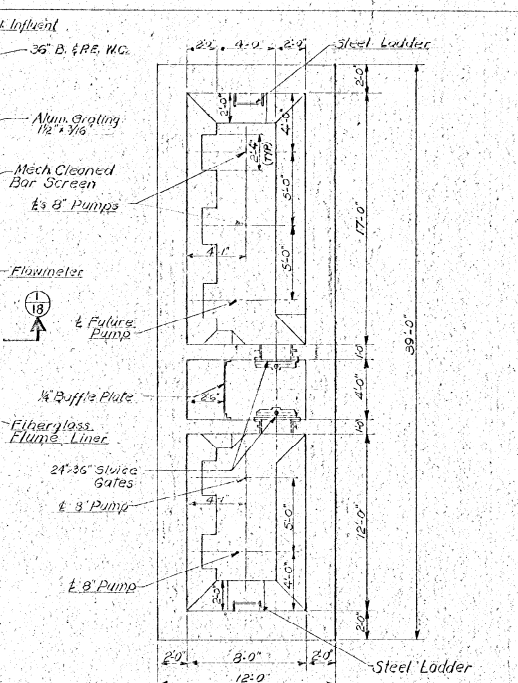
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>LONG POINT PUMPING STATION</b> <b>SITE PLAN &amp; PROFILES</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGGIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCT. 13 '73 SCALE: AS SHOWN FILE NO. 5538-17F
REVISIONS	<b>16</b>



**PLAN TOP FLOOR**  
Scale: 1/4" = 1'-0"

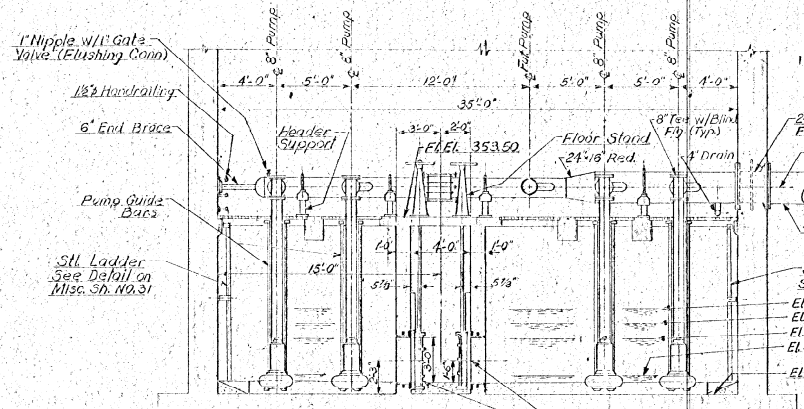


**PLAN INTERMEDIATE FLOOR**  
Scale: 1/4" = 1'-0"

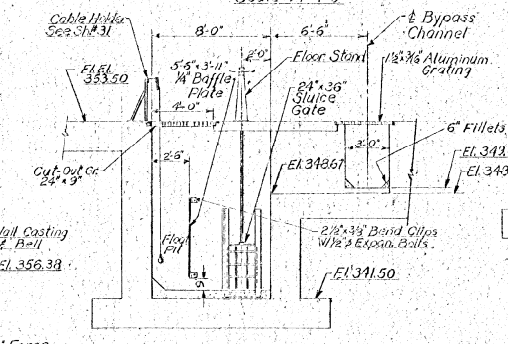


**PLAN BOTTOM FLOOR**  
Scale: 1/4" = 1'-0"

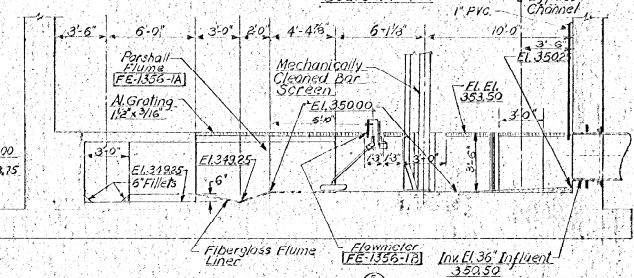
Notes: All Pump Discharge Piping Flanged Cast Iron



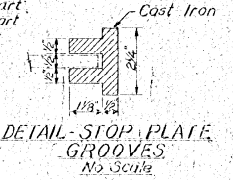
**SECTION (B)**  
Scale: 1/4" = 1'-0"



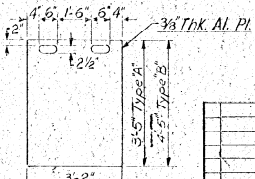
**SECTION (A)**  
Scale: 1/4" = 1'-0"



**SECTION (C)**  
Scale: 1/4" = 1'-0"



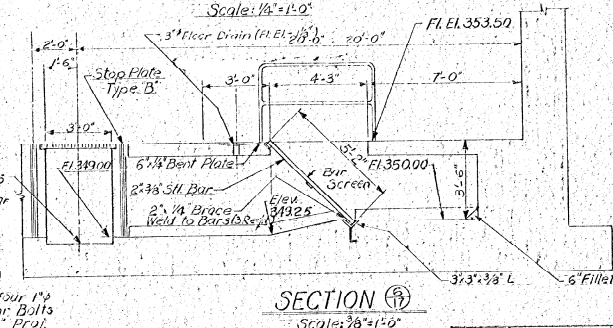
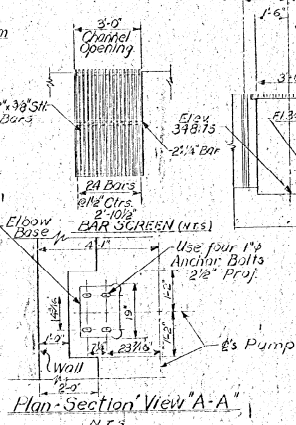
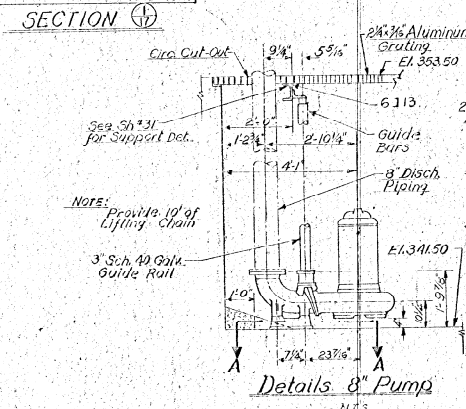
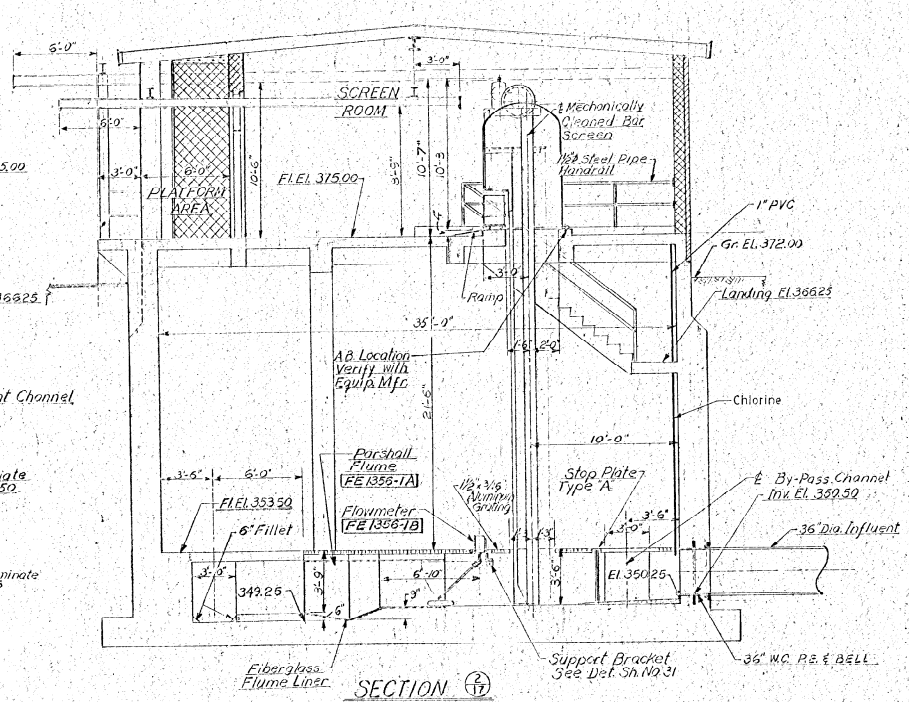
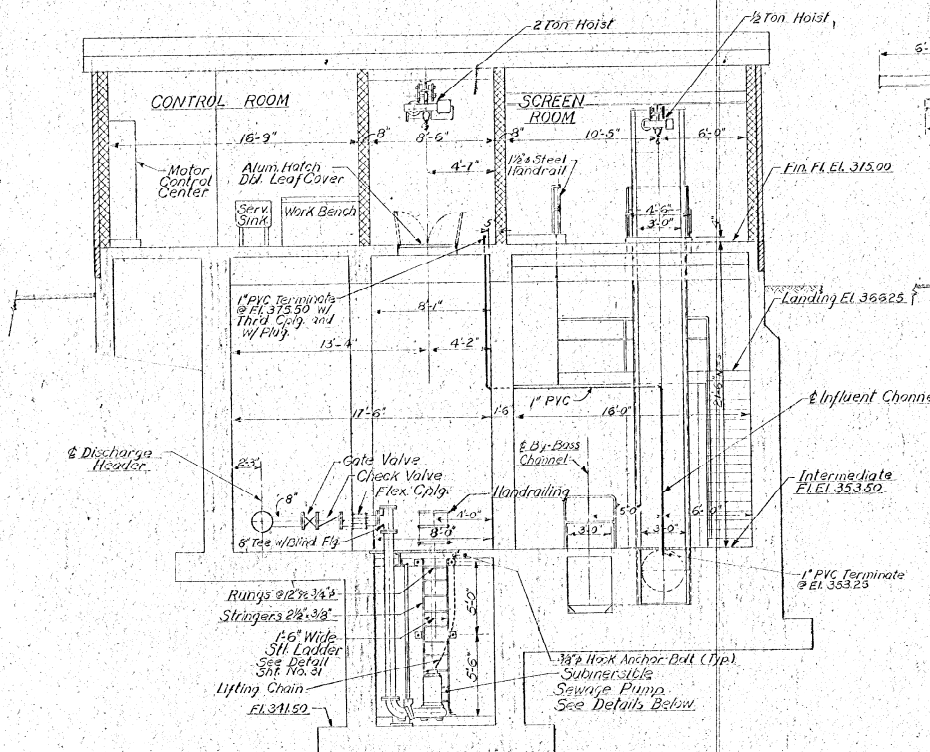
**DETAIL STOP PLATE GROOVES**  
No Scale



**STOP PLATE TYPE 'A' & 'B'**  
No Scale  
1 Each Req'd

IN CHARGE OF: O.C.M.  
DESIGNED BY: O.C.M.  
DRAWN BY: W.F.  
CHECKED BY: J.L.

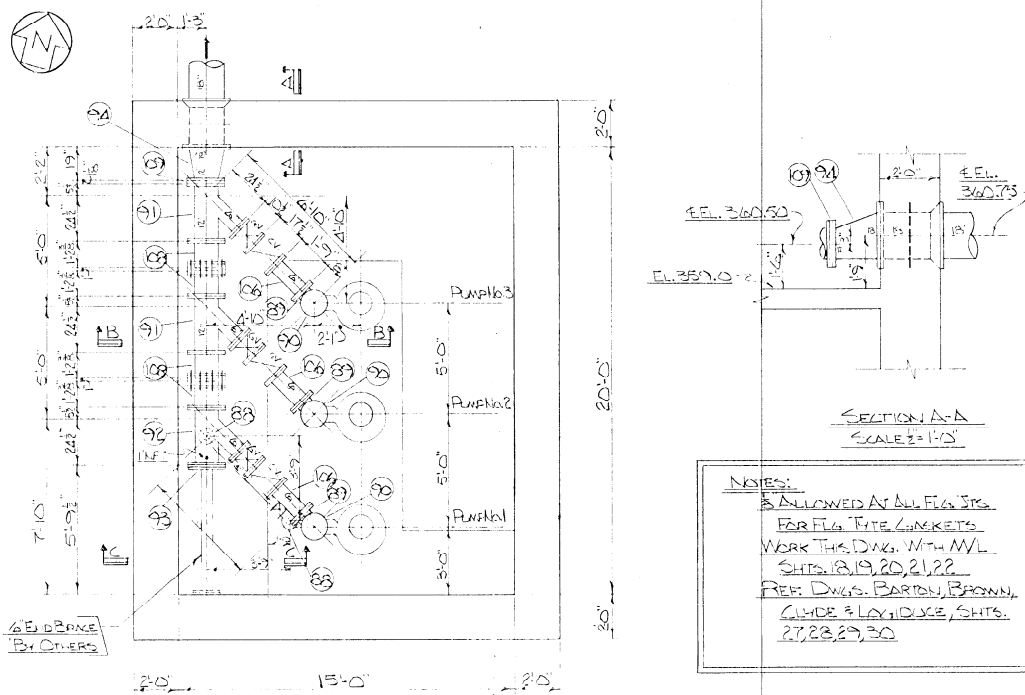
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>LONG POINT PUMPING STATION EQUIPMENT</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS 140 WEST ST. ALBANY, N.Y.	DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO.: 55118-18F
REVISIONS	<b>17</b>



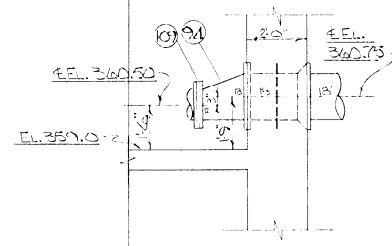
IN CHARGE OF: D.C.M.  
 DESIGNED BY: D.C.M.  
 DRAWN BY: V.F.  
 CHECKED BY: J.C.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>LONG POINT PUMPING STATION          EQUIPMENT</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUICCO CONSULTING ENGINEERS & LAND SURVEYORS NORTH STRAUSSE, NEW YORK	DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO.: 55-8-19F
REVISIONS	18

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 208 (9-b) SUBDIVISION 3 OF THE NEW YORK STATE EDUCATION LAW.

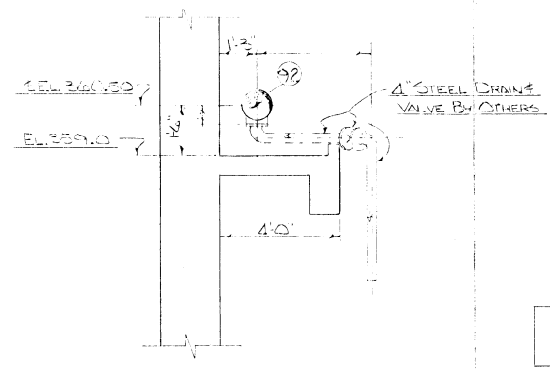


MAPLE BAY PUMPING STATION  
PLAN  
SCALE 3/8"=1'-0"

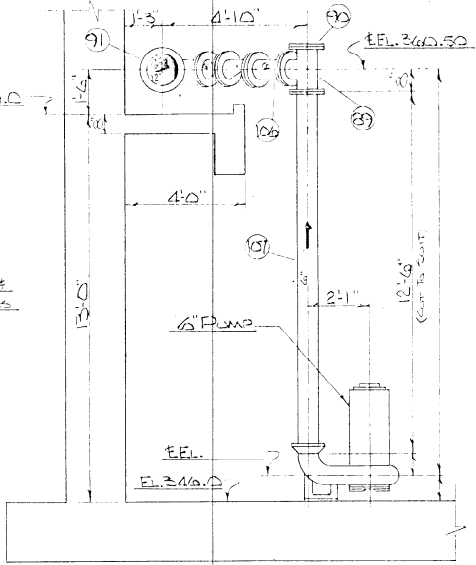


SECTION A-A  
SCALE 1/2"=1'-0"

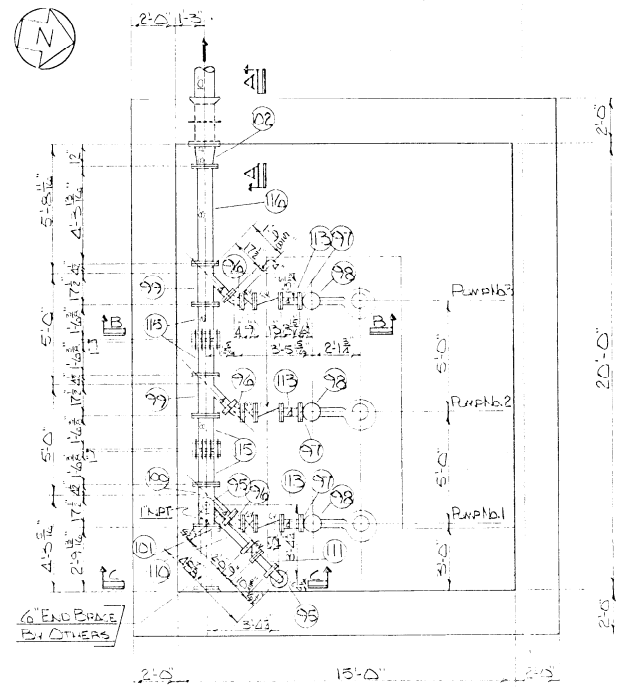
NOTES:  
 1. ALLOWED AT ALL FLS. JCS  
 2. FOR FLS. TITE LINKETS  
 WORK THIS DRAW. WITH MFL  
 SHTS. B, 19, 20, 21, 22.  
 REF. DWGS. BARTON, BRONN,  
 CLUDE & LAY, DICE, SHTS.  
 27, 28, 29, 30



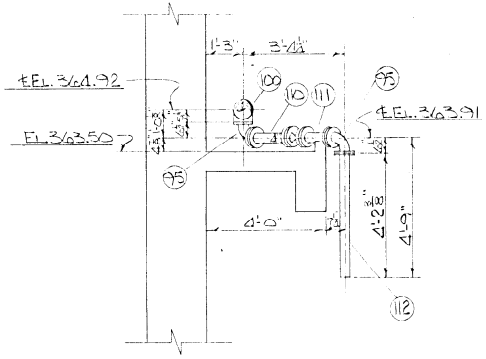
SECTION C-C  
SCALE 3/8"=1'-0"



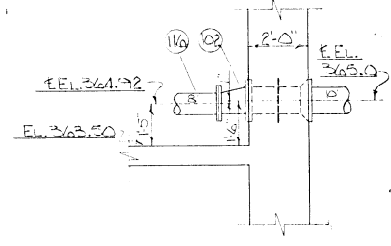
SECTION B-B  
SCALE 1/2"=1'-0"



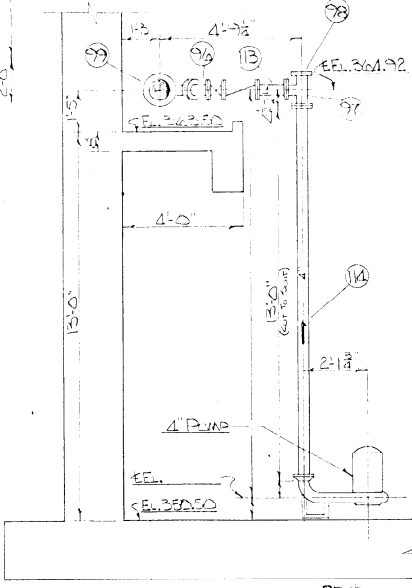
HARBOUR VILLAGE PUMPING STATION  
PLAN  
SCALE 3/8"=1'-0"



SECTION C-C  
SCALE 1/2"=1'-0"



SECTION A-A  
SCALE 1/2"=1'-0"



SECTION B-B  
SCALE 1/2"=1'-0"

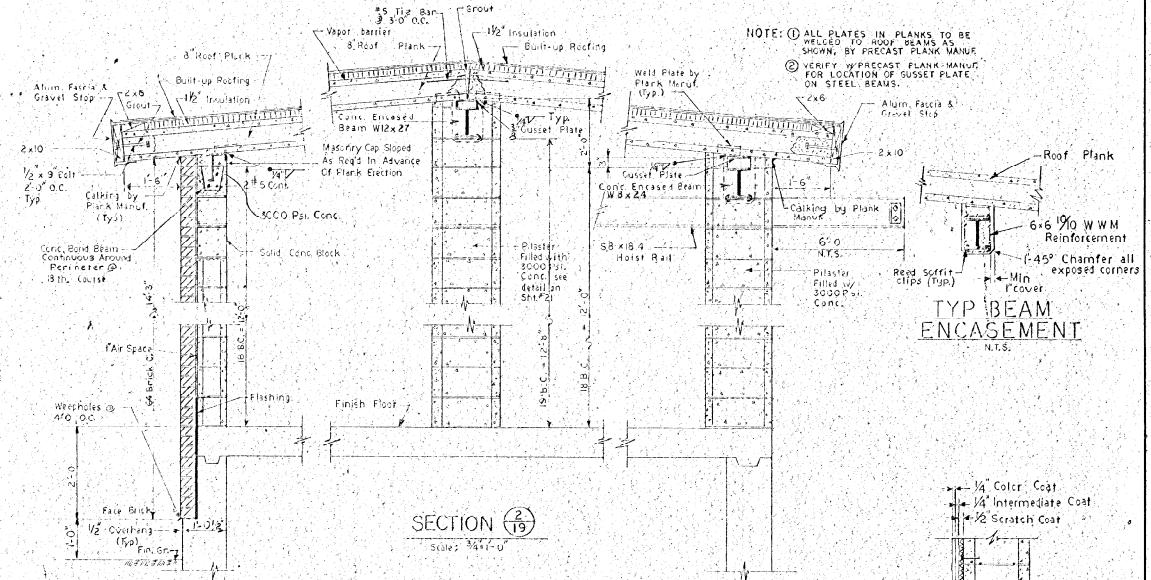
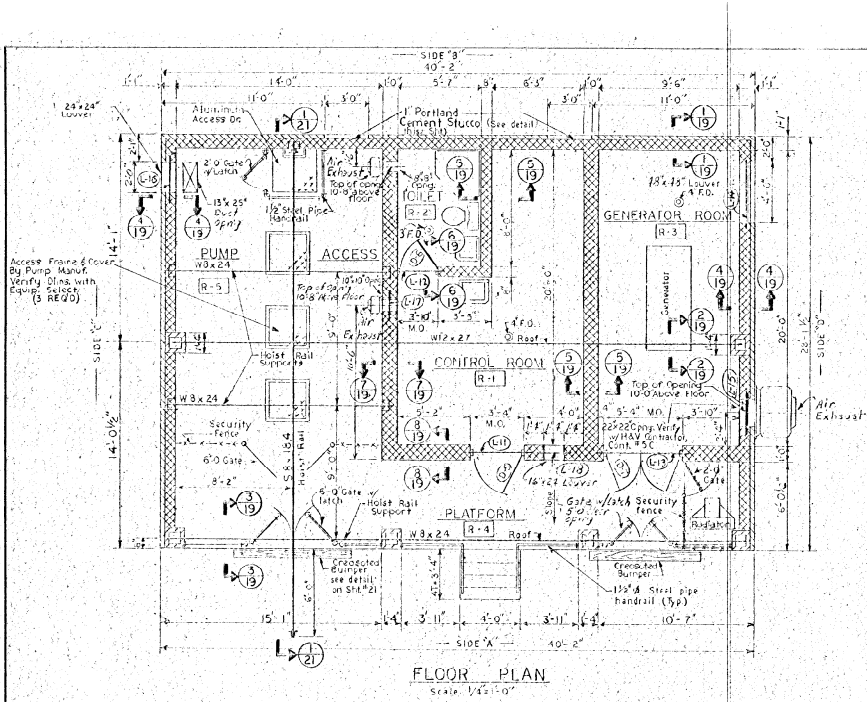
1-A  
 SUBMITTED FOR  
 APPROVAL  
 UNITED STATES PIPE AND FOUNDRY CO.  
 BIRMINGHAM, ALA.

SHOOP OR KIRK REVIEW  
 REVIEWED FOR CONFORMANCE WITH  
 THE SPECIFICATIONS OF THE  
 CONTRACTORS OF CHINA AND OF DETAILS  
 AND FOR THE PROVISIONS OF THE  
 CONTRACT AND THE SPECIFICATIONS  
 AND INVENTION RIGHTS ARE RESERVED.  
 UNITED STATES PIPE AND FOUNDRY CO.  
 BIRMINGHAM, ALA.

NO.	DATE	BY	REVISION
1	5/10/74	BB	AS NOTED

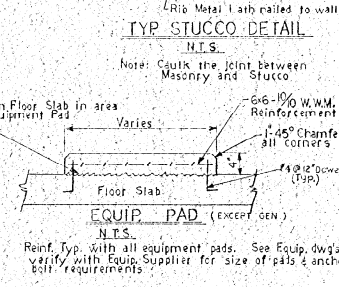
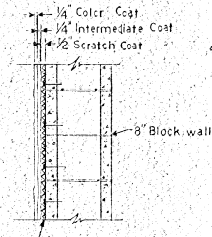
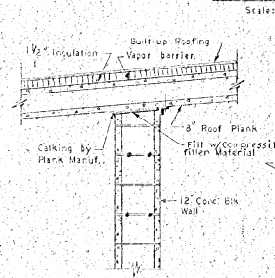
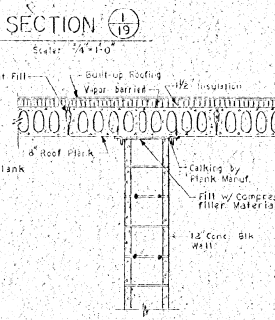
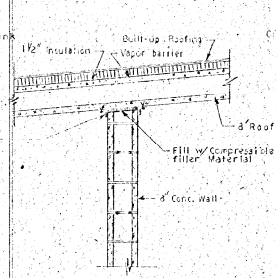
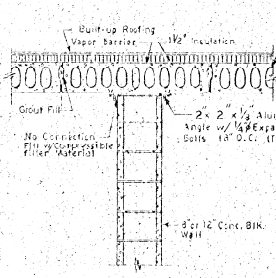
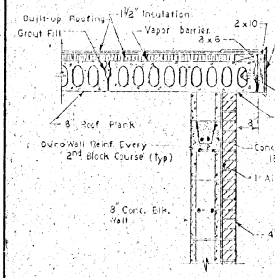
MURRAY WALTER INC. 32-EE-17226  
 MAY 10 1974  
 NEW YORK, NEW YORK  
 MAPLE BAY & HARBOUR VILLAGE  
 PUMPING STN. DETAILS  
 SCALE AS NOTED  
 DRAWN BY: BBB TRACED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_  
 DATE: 4-5-74 P-12233

APPROVED FOR SUBMITTAL  
 KIM SILLER  
 MURRAY WALTER INC.  
 RECEIVED  
 MAY 10 1974  
 MURRAY WALTER INC.  
 NEW YORK, N.Y.



**TYP BEAM ENCASEMENT**  
N.T.S.

NOTE: (1) ALL PLATES IN PLANKS TO BE WELDED TO HOOP REINFORCEMENT AS SHOWN, BY PRECAST PLANK MANUF. FOR LOCATION OF GUSSET PLATE ON STEEL BEAMS.  
(2) VERIFY W/PRECAST PLANK MANUF. FOR LOCATION OF GUSSET PLATE ON STEEL BEAMS.



ROOM NO.	ROOM DESIGNATION	FINISH		SCHEDULE		REMARKS
		FLOOR	WALL	FLOOR	CEILING	
19-1	CONTROL ROOM	Conc. Hardener	Blk. Paint	Blk. Paint	Blk. Paint	
19-2	TOILET	Conc. Hardener	Blk. Paint	Blk. Paint	Blk. Paint	
19-3	GENERATOR ROOM	Conc. Hardener	Blk. Paint	Blk. Paint	Blk. Paint	
19-4	PLATFORM	Conc. Hardener	Blk. Paint	Blk. Paint	Blk. Paint	
19-5	PUMP ACCESS	Conc. Hardener	Blk. Paint	Blk. Paint	Blk. Paint	

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION  
**SOUTH BAY - MAPLE BAY**  
**HARBOUR VILLAGE**  
**PUMPING STATIONS**  
ARCHITECTURAL

TOWN OF CICERO ONONDAGA CO., NY

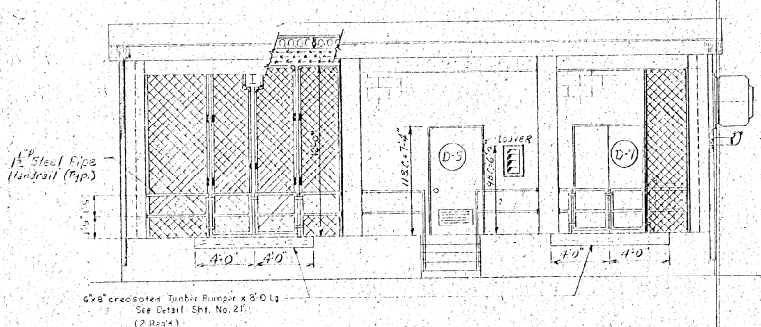
BARTON, BROWN, CLYDE & LOGUICIC  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK

DATE: OCTOBER 1975  
SCALE: AS SHOWN  
FILE NO.: 8804-207

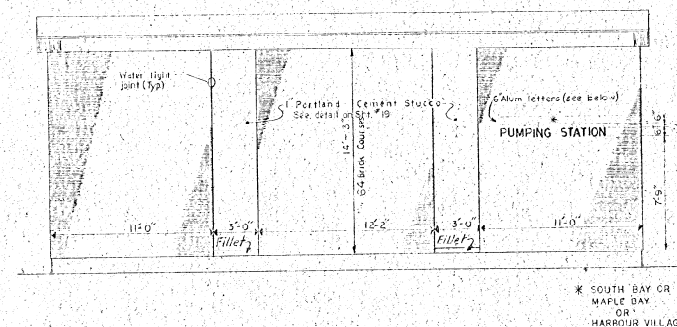
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SEVERAL CODES AND DIVISION 3 OF THE NEW YORK STATE EDUCATION LAW.

IN CHARGE OF: D.C.M.  
DESIGNED BY: R.M.  
DRAWN BY: J.B.K.  
CHECKED BY: J.B.K.



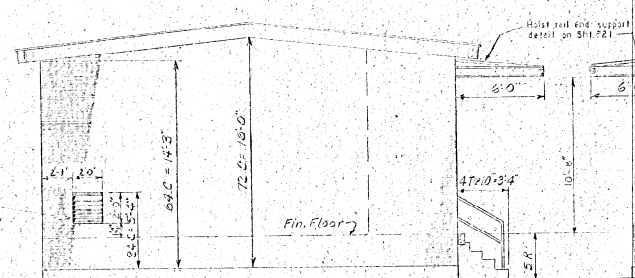


ELEVATION 'A'  
Scale: 1/4" = 1'-0"

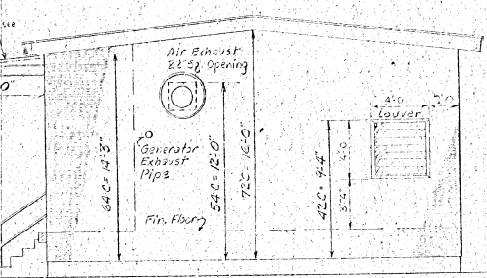


ELEVATION 'B'  
Scale: 1/4" = 1'-0"

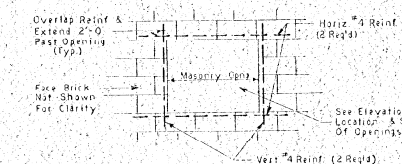
\* SOUTH BAY CR  
MAPLE BAY  
OR  
HARBOUR VILLAGE



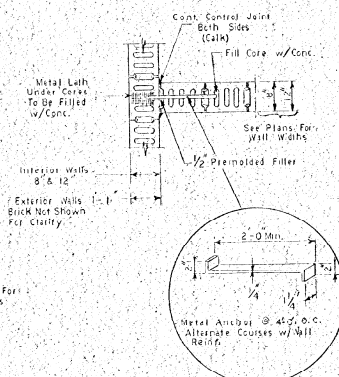
ELEVATION 'C'  
Scale: 1/4" = 1'-0"



ELEVATION 'D'  
Scale: 1/4" = 1'-0"



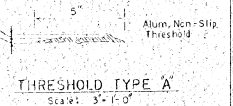
TYP. REIN. @ WALL OPENINGS  
Not To Scale



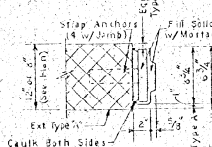
TYP. WALL ANCHOR DETAIL @ WALL INTERSECTIONS  
Not To Scale

DOOR SCHEDULE									
DOOR NO.	TYPE	MAT'L	THICKNESS	HEIGHT	WIDTH	FRAME TYPE	THRESHOLD	LINTEL	REMARKS
(1)	C	H.M.	1 1/4"	7'-5"	3'-0"	A	H.M.	A	(1)
(2)	A	H.M.	1 1/4"	8'-0"	2'-6"	D	H.M.	A	(2)
(3)	B	H.M.	1 1/4"	7'-2"	2'-2"	A	H.M.	A	(3)

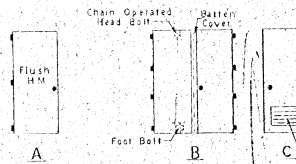
- (1) Head & four bolts to be mounted on interior side of door
- (2) Undercut 1"



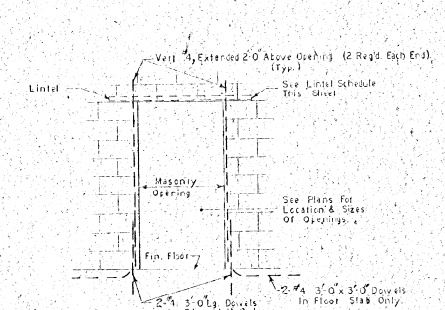
THRESHOLD TYPE A  
Scale: 3/4" = 1'-0"



DOOR FRAME TYPES  
Not To Scale

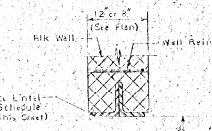


DOOR TYPES  
Not To Scale



Note: Fill All Reinforced Concrete Blocks w/ Rich Cement Mortar (Typ.)

TYP. REIN. @ DOOR OPENINGS  
Not To Scale



TYPE 'A' DOOR LINTEL  
Not To Scale

MARK	LINTEL	MATERIAL	TYPE	M.O.	SECC	REMARK
(1)	2'-4" x 5'-0" x 3/8"		A	3'-1"	JL	Loose (1)
(2)	2'-6" x 5'-0" x 3/8"		A	2'-10"	JL	Loose (2)
(3)	2'-6" x 5'-0" x 3/8"		A	5'-4"	JL	Loose (3)
(4)	3'-2" x 3'-0" x 3/8"	LLV	B	4'-0"	JLL	Loose (4)
(5)	3'-2" x 3'-0" x 3/8"	LLV	B	7'-0"	JLL	Loose (5)
(6)	2'-4" x 3'-0" x 3/8"	LLV	B	2'-0"	JLL	Loose (6)
(7)	2'-4" x 3'-0" x 3/8"	LLV	A	10'	JL	Loose (7)

(1) Lintel to have 6 min. bearing into masonry at each end.

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION FOR SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION  
**SOUTH BAY - MAPLE BAY  
HARBOUR VILLAGE  
PUMPING STATIONS  
ARCHITECTURAL**

TOWN OF CICERO ONONDAGA CO., N.Y.  
DATE: OCTOBER 31st  
SCALE: AS SHOWN  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK  
FILE NO: 5819-21F

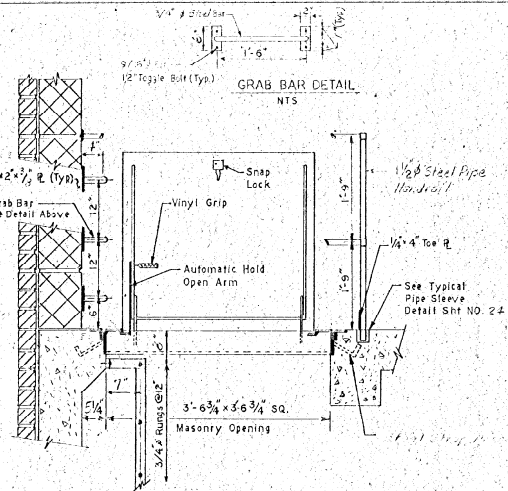
20

IN CHARGE OF: D.C.M.  
DESIGNED BY: R.M.  
DRAWN BY: J.B.K.  
CHECKED BY: K.T.

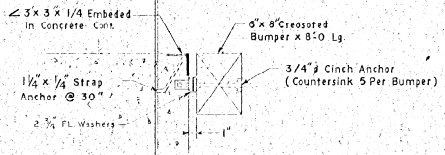
1974  
 ONONDAGA COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION.

ALUMINUM TABLET

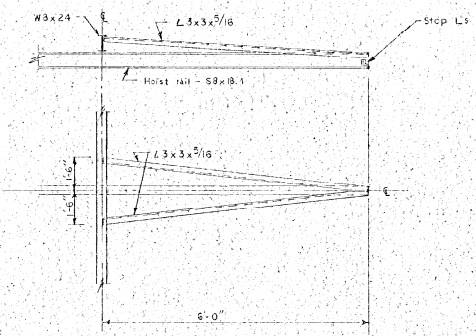
NOTE: PROVIDE TABLET AT EACH OF SIX (6) STATIONS AND ONEIDA PARK PLANT.



GRAB BAR DETAIL  
 N.T.S.

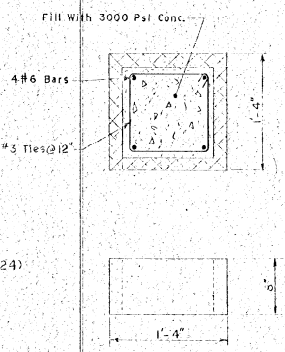


TIMBER BUMPER DETAIL  
 N.T.S.

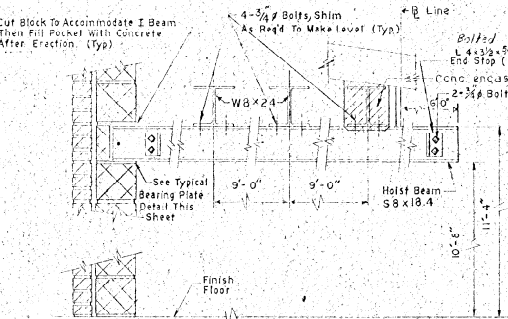


DETAIL - HOIST RAIL END SUPPORT  
 N.T.S.

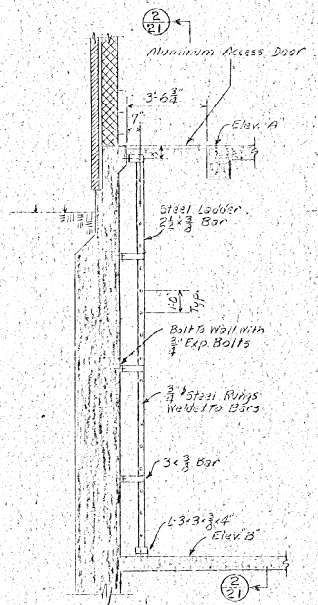
ALUMINUM ACCESS DOOR  
 DETAIL  
 N.T.S.



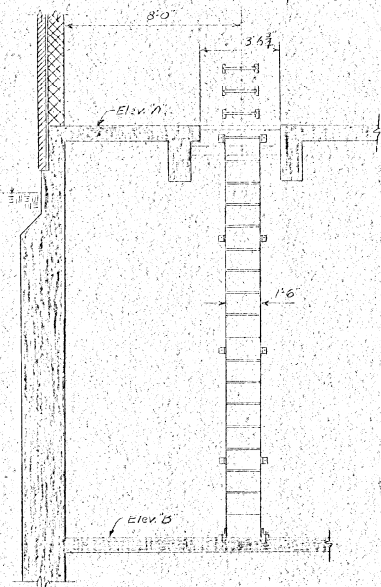
TYP PILASTER DETAIL  
 N.T.S.



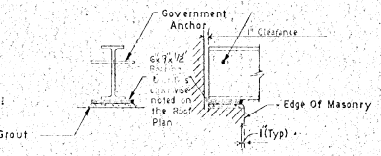
SECTION 27  
 N.T.S.



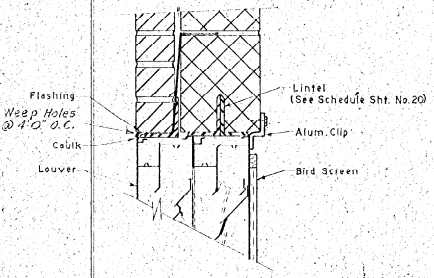
LADDER DETAIL  
 Scale 3/8" = 1'-0"



SECTION 27  
 Scale 3/8" = 1'-0"



TYP BEARING PLATE DETAIL  
 N.T.S.



TYPE B LOUVER LINTEL DETAIL  
 N.T.S.

NOTE: Louvers Supplied & Installed By Ctr. #5C.

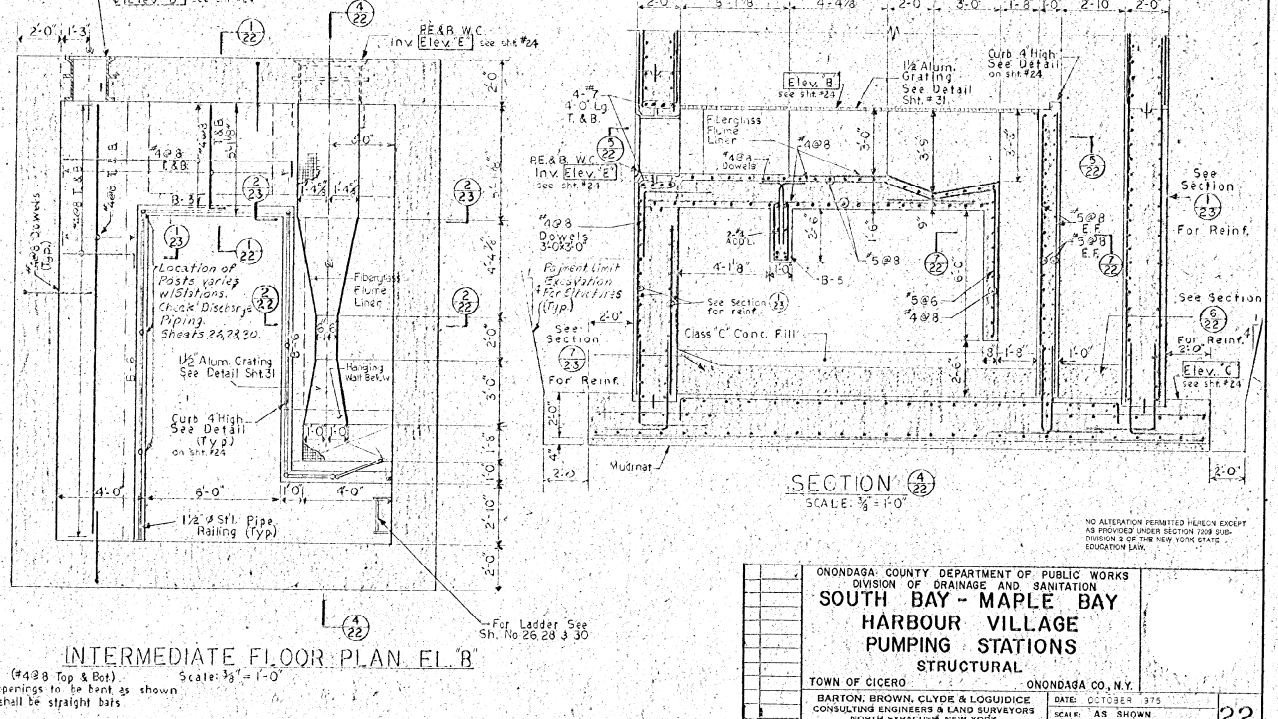
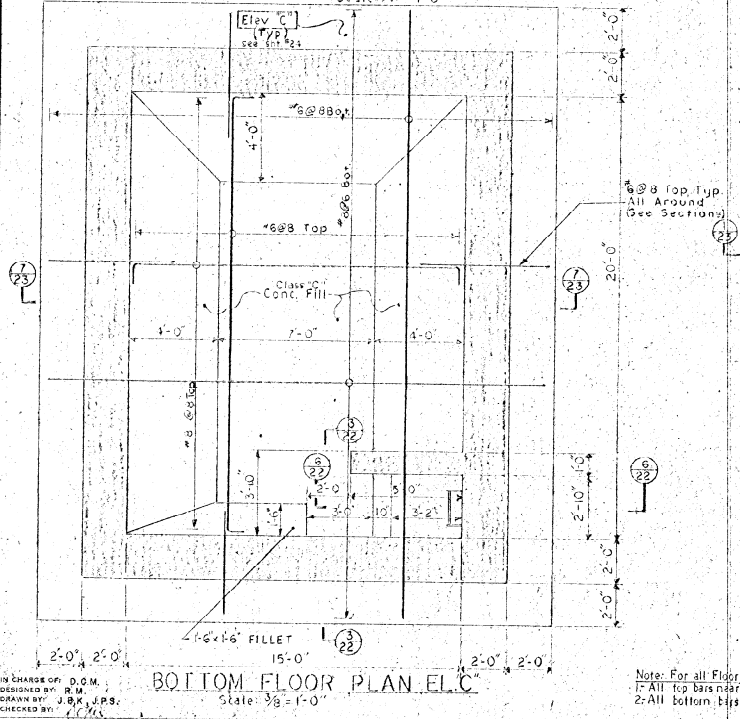
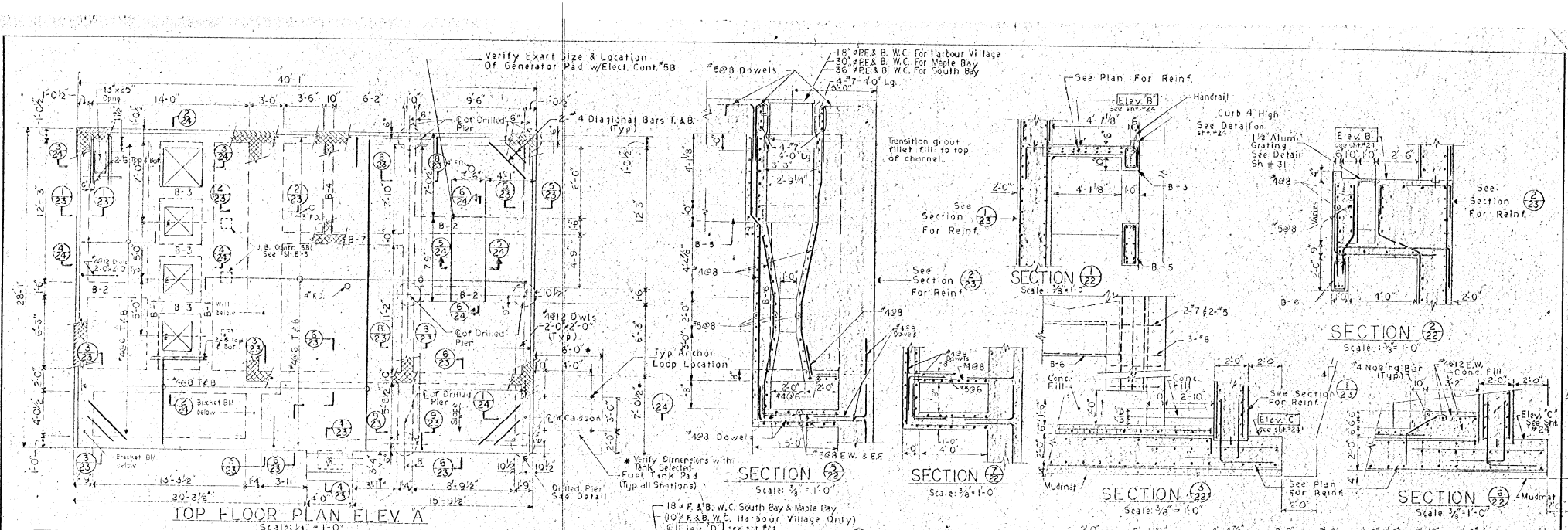
NOTE: 3 Courses Of Solid Masonry Below Bearing Pl. Min. Except at Pilaster (see Pilaster Detail This Sht)

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION FOR DIVISION 2 OF THE NEW YORK STATE LOCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION		
SOUTH BAY - MAPLE BAY HARBOUR VILLAGE PUMPING STATIONS ARCHITECTURAL		
TOWN OF CICERO	ONONDAGA CO., NY	
DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO: 59-18-22F		

IN CHARGE OF: D.C.M.  
 DESIGNED BY: R.M.  
 DRAWN BY: R.M.C.  
 CHECKED BY:

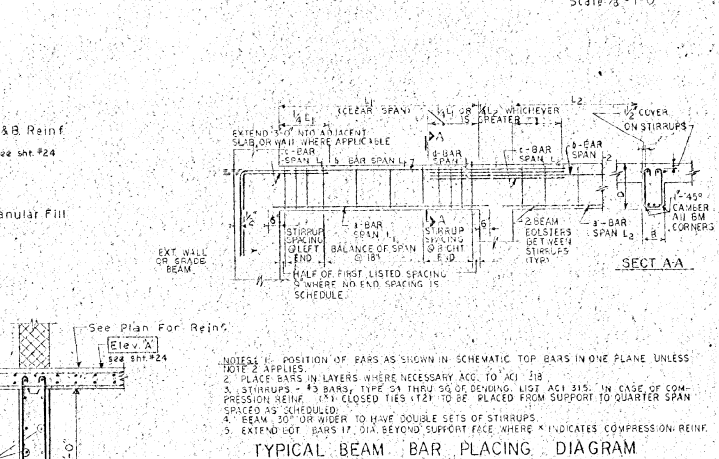
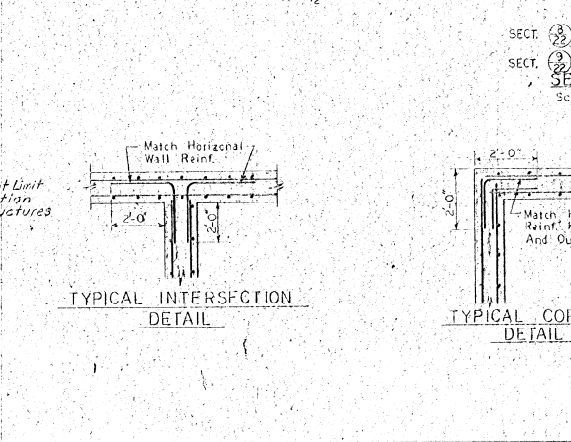
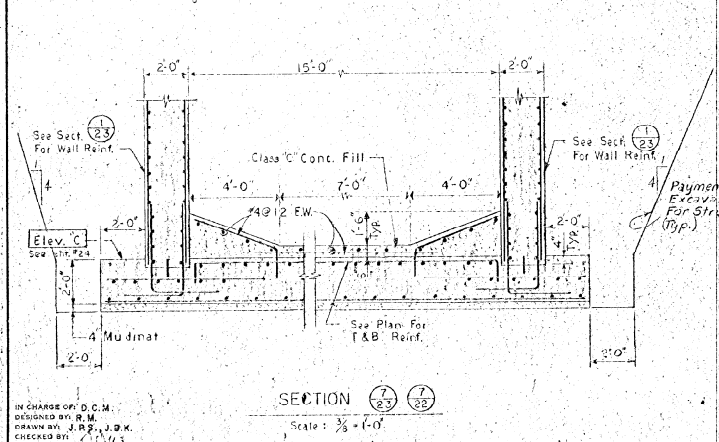
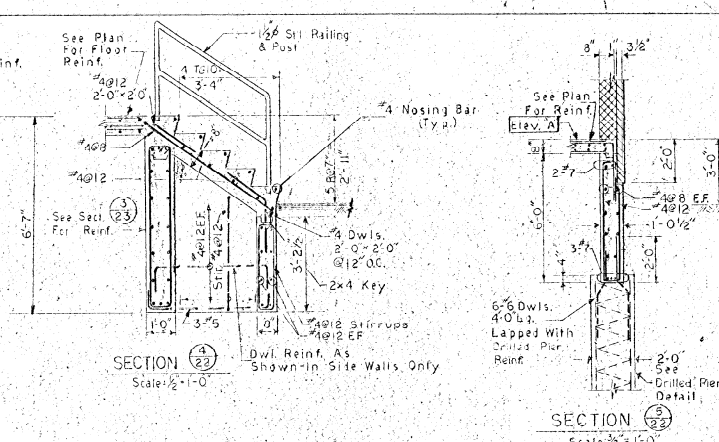
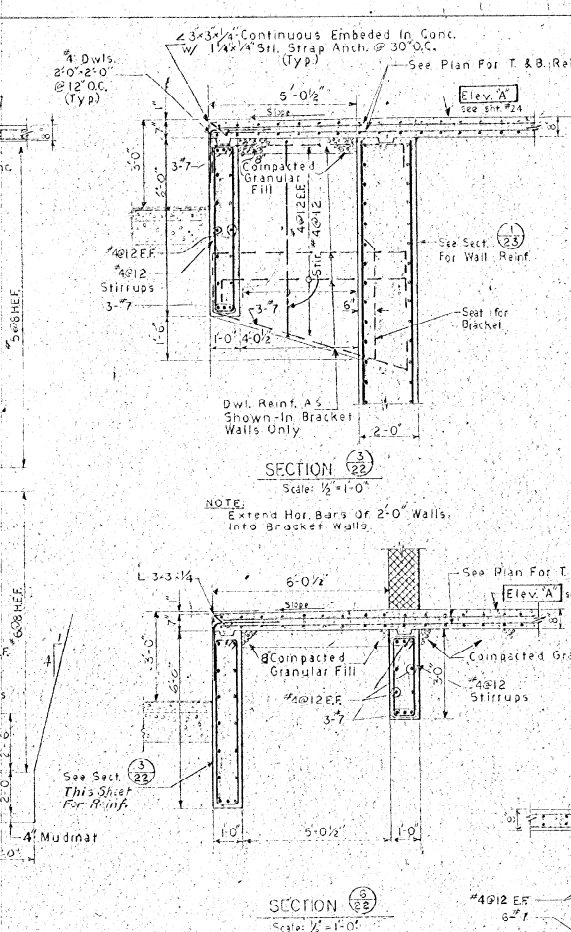
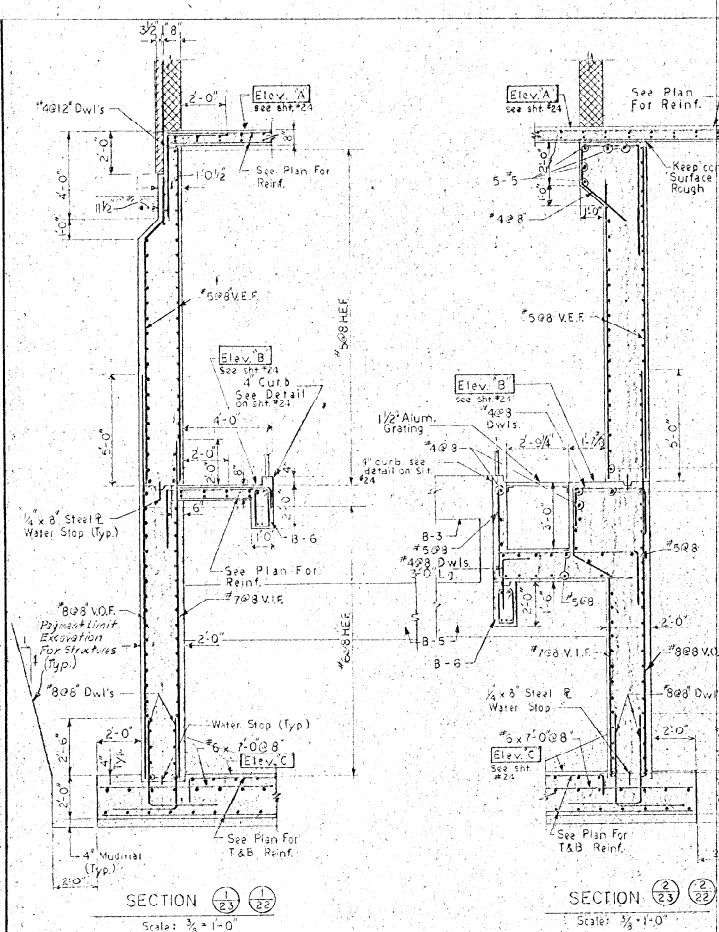




IN CHARGE OF: D.O.M.  
DESIGNED BY: P.M.  
DRAWN BY: J.B.K., J.P.S.  
CHECKED BY: C.C.K.

Note: For all Floors (#4 & 8 Top & Bot.)  
1- All top bars near openings to be bent as shown  
2- All bottom bars shall be straight bars

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SOUTH BAY - MAPLE BAY HARBOUR VILLAGE PUMPING STATIONS STRUCTURAL</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUICCE CONSULTING ENGINEERS & LAND SURVEYORS NORTH STPAULUS, NEW YORK	DATE: 05/03/85 SCALE: AS SHOWN FILE NO: 85/13-237
REVISIONS	22



MARK	SIZE	MAIN REINFORCEMENT				STIRRUPS		REMARKS
		b	c	d	e	LEFT END	RIGHT END	
B-1	12-30	3#8	2#7	2#5	2#5	@8 Full	Span	①
B-2	8-24	3#7	2#6	2#5	2#5	@6 Full	Span	①
B-3	12-18	3#5	2#5	-	-	@8 Full	Span	①
B-4	10-20	2#6	2#5	2#4	2#4	@12	Span	①
B-5	10-30	4#8	3#7	2#6	2#6	@12	Span	①
B-6	12-24	3#8	2#7	2#5	2#5	@8 Full	Span	①
B-7	12-24	3#7	2#5	2#5	2#5	@12 Full	Span	①

- ① Provide Closed Stirrups Near Opens.
  - ② See Section 23 for Slab dowels.
- NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 206 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION  
**SOUTH BAY - MAPLE BAY**  
**HARBOUR VILLAGE**  
**PUMPING STATIONS**  
 STRUCTURAL

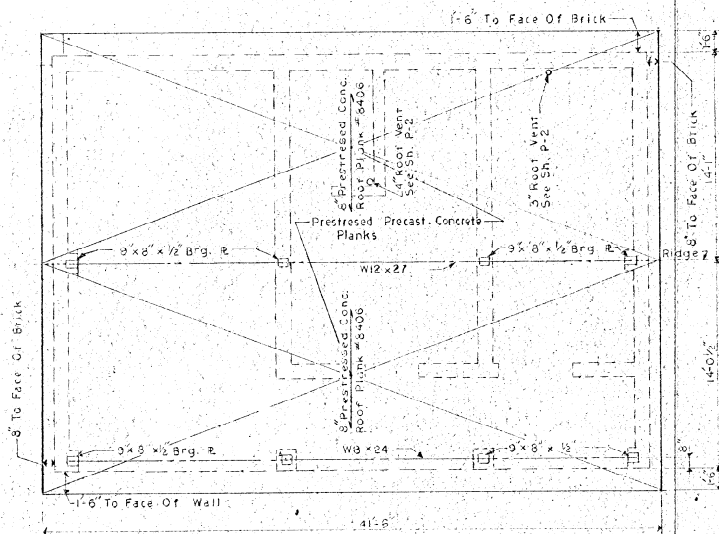
TOWN OF CICERO ONONDAGA CO., N.Y.

DESIGNED BY: BARTON, BROWN, CLYDE & LOGUIDICE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 10 NORTH SYRACUSE, NEW YORK

DATE: OCTOBER 1975  
 SCALE: AS SHOWN  
 FILE NO.: 55-18-247

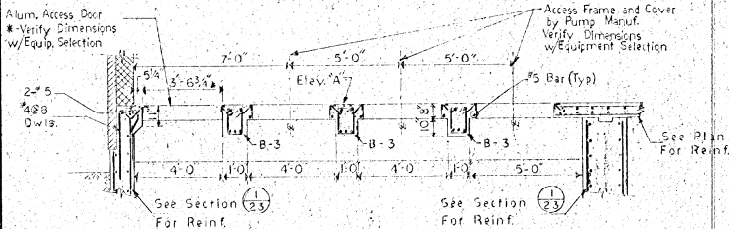
23

IN CHARGE OF: D.C.M.  
 DESIGNED BY: R.W.  
 DRAWN BY: J.R.P., J.D.K.  
 CHECKED BY: J.P.V.

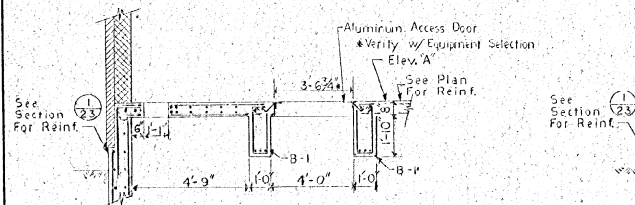


**ROOF PLAN**  
Scale: 1/4" = 1'-0"

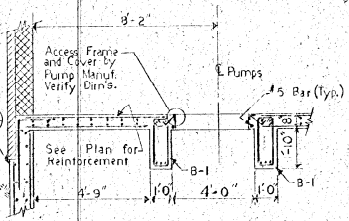
- NOTES:**
1. Roof plank designation refers to prestressed Conc. plank as manufactured by Spancrete.
  2. Superimposed design load for plank 147"/ft<sup>2</sup>.



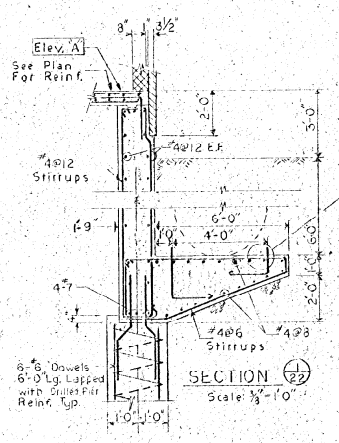
**SECTION 1 (23)**  
Scale: 3/8" = 1'-0"



**SECTION 2 (23)**  
Scale: 3/8" = 1'-0"

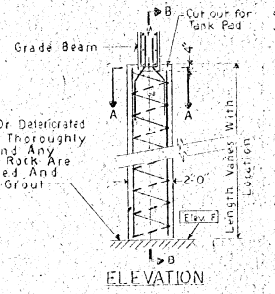


**SECTION 3 (22)**  
Scale: 3/8" = 1'-0"

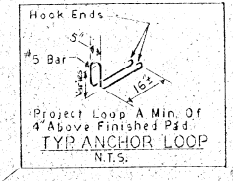


**SECTION 4 (22)**  
Scale: 3/8" = 1'-0"

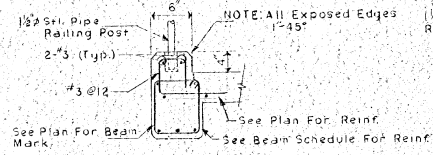
Any Loose Or Deteriorated Rock To Be Thoroughly Removed And Any Cavities In Rock Are To Be Cleaned And Filled With Grout



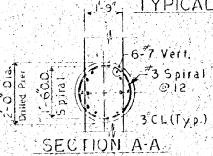
**ELEVATION**



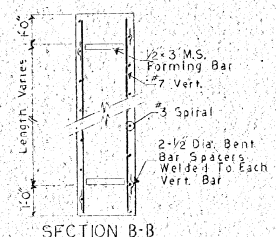
**TYP ANCHOR LOOP**  
N.T.S.



**TYPICAL CURB DETAIL**  
N.T.S.



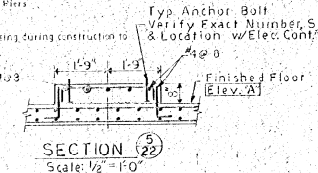
**SECTION A-A**



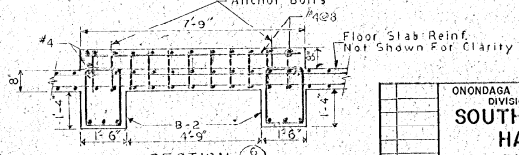
**SECTION B-B**

**TYP. DRILLED PIER DETAILS**  
N.T.S.

- NOTES:**
1. Drilled Piers shall be accurately centered and shall be installed plumb. Any Drilled Pier out of center or plumb shall be corrected or replaced.
  2. No construction joints are allowed in Drilled Piers.
  3. Assumed rock bearing pressure = 16,000 P.S.F.
  4. All Drilled Piers to have protective shell casing during construction to prevent cave-in and displacement of casing.
  5. No drilled pier to be filled with concrete without inspection and authorization by the Engineer.
  6. All Drilled Piers to be founded on solid bedrock as approved by the Engineer.



**SECTION 5 (22)**  
Scale: 1/2" = 1'-0"

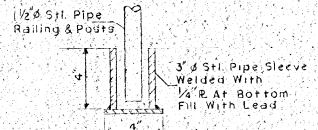


**SECTION 6 (22)**  
Scale: 1/2" = 1'-0"

**GENERATOR PAD DETAIL**

- NOTE:**
1. 1x1 1/2" Chamfer all exposed corners.
  2. Verify all dimensions w/Elec. Cont. #5B

PUMP STATION	PUMPING STATIONS - ELEVATIONS					
	Top Slab Elev. A	Inter. Slab Elev. B	Bottom Slab Elev. C	Force Main Elev. D	Influent Elev. E	Top of Hook Elev. F
South Bay	380.00	361.50	348.50	368.25	358.50	350.00
Maple Bay	375.00	359.00	346.00	360.75	356.00	350.00
Harbour Village	381.00	363.50	350.50	365.00	360.50	348.50



**PIPE SLEEVE INSERT DETAIL**  
N.T.S.

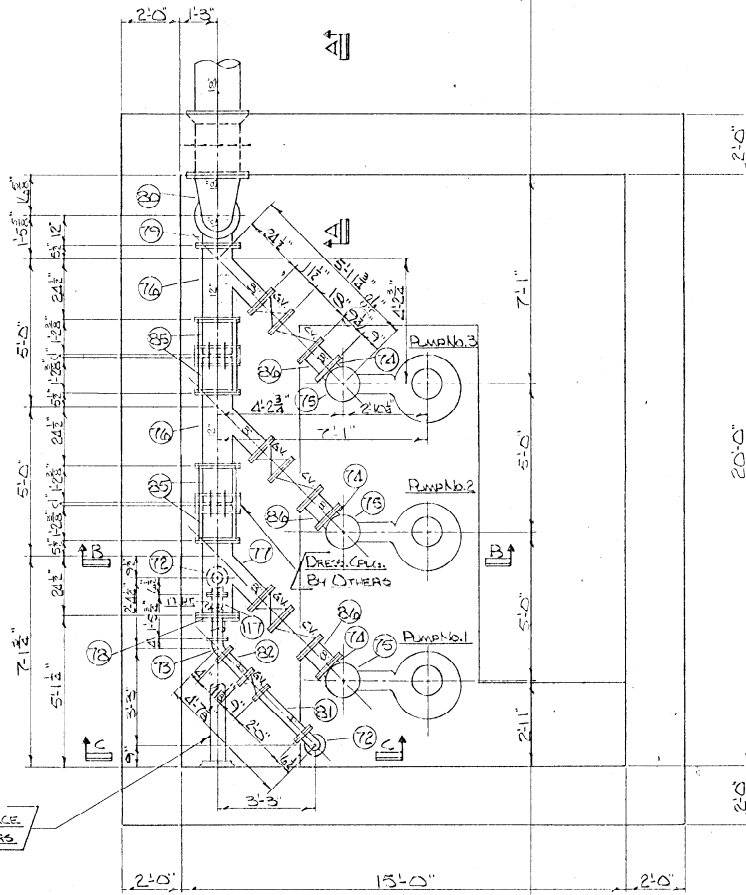
**GENERAL NOTES (READ THE SPECIFICATIONS)**

1. Live Loads: (Reduced per New York State Code)
  - A. Roofs - 40 PSF
  - B. Floors - 250 PSF
2. Foundations:
  - A. Design Pressure - 6000 PSF
  - B. All footings to rest on undisturbed soil or controlled gravel where indicated on plans.
3. Concrete:
  - A. Design Strength - structural concrete 4000 PSI 28 days
  - Class 3: concrete fill 3000 PSI 28 days class C.
  - B. Design Standard - ACI 318 latest edition
  - C. Detail Standard - ACI 318 latest edition
4. Reinforcing: New billet steel, A615 Grade 40.
5. Concrete Cover Over Bars:
  - Footings: 4"
  - walls: 2"
  - Beams, Girders: 1-1/2"
  - Structural slabs: 1"
6. Concrete beams to have min. 6" bearing on concrete walls: Pocket where necessary.
7. Place beam reinforcing in two layers where necessary for required clearance.
8. Place 3 - #6 over all openings in concrete walls where no other reinforcing is indicated. Place 2 - #4 x 4'-0" bars diagonally at each corner of each opening.
9. Provide 2 - #3 x 4'-0" diagonal bars top and bottom at all corners of slab openings unless otherwise shown on plans.
10. See mechanical drawings for location of all mechanical openings in roof and floors not shown on architectural and structural drawings. General contractor and steel fabricator to verify number, size and location of all openings with mechanical contractor before pouring any concrete or fabricating any steel.
11. General contractor is to coordinate with I & V and Plumbing contractors the location and size of openings for specific make equipment they are supplying.
12. Verify with mechanical drawings for dimensions and details not shown on the structural drawings.
13. Structural Steel:
  - A. Steel design standard AISC 1969
  - B. Material
    - 1) A-36 - typical
    - 2) Connections spot-welded; field high strength bolted or welded where indicated.

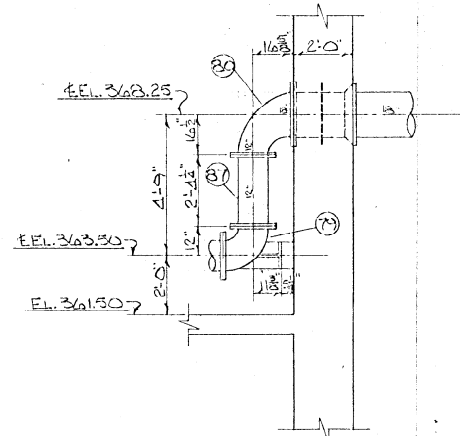
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 700 SUB-DIVISION 4 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION		
<b>SOUTH BAY - MAPLE BAY HARBOUR VILLAGE PUMPING STATIONS STRUCTURAL</b>		
TOWN OF CICERO	ONONDAGA CO., N.Y.	
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK		DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO.: 55-18-25F

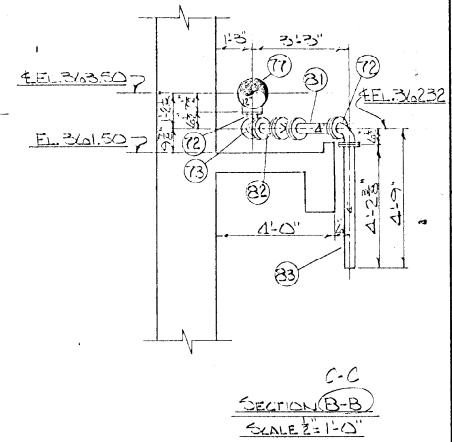
IN CHARGE OF: D.C.M.  
DESIGNED BY: R.M.  
DRAWN BY: J.P.S.  
CHECKED BY: J.P.S.



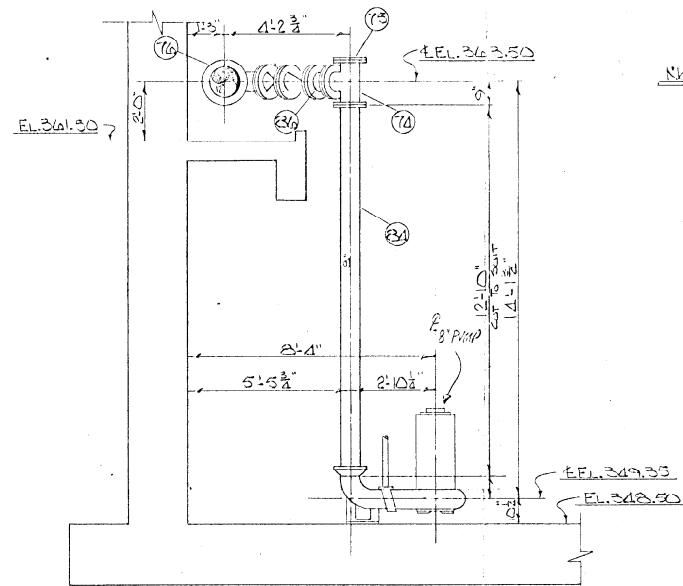
SOUTH BAY PUMPING STATION  
PLAN  
SCALE 1/2\"/>



SECTION A-A  
SCALE 1/2\"/>



SECTION B-B  
SCALE 1/2\"/>



SECTION B-B  
SCALE 1/2\"/>

Notes:

- 3 ALLOWED AT ALL ELEV. STGS.
- FOR FLD. FIVE CONCRETS
- WORK THIS DWG. WITH M/L
- SHTS. 14, 15, 16 & 17
- REF. DWGS. BARTON, BROWN,
- CLYDE & LODGE, SHTS.
- 2542/a



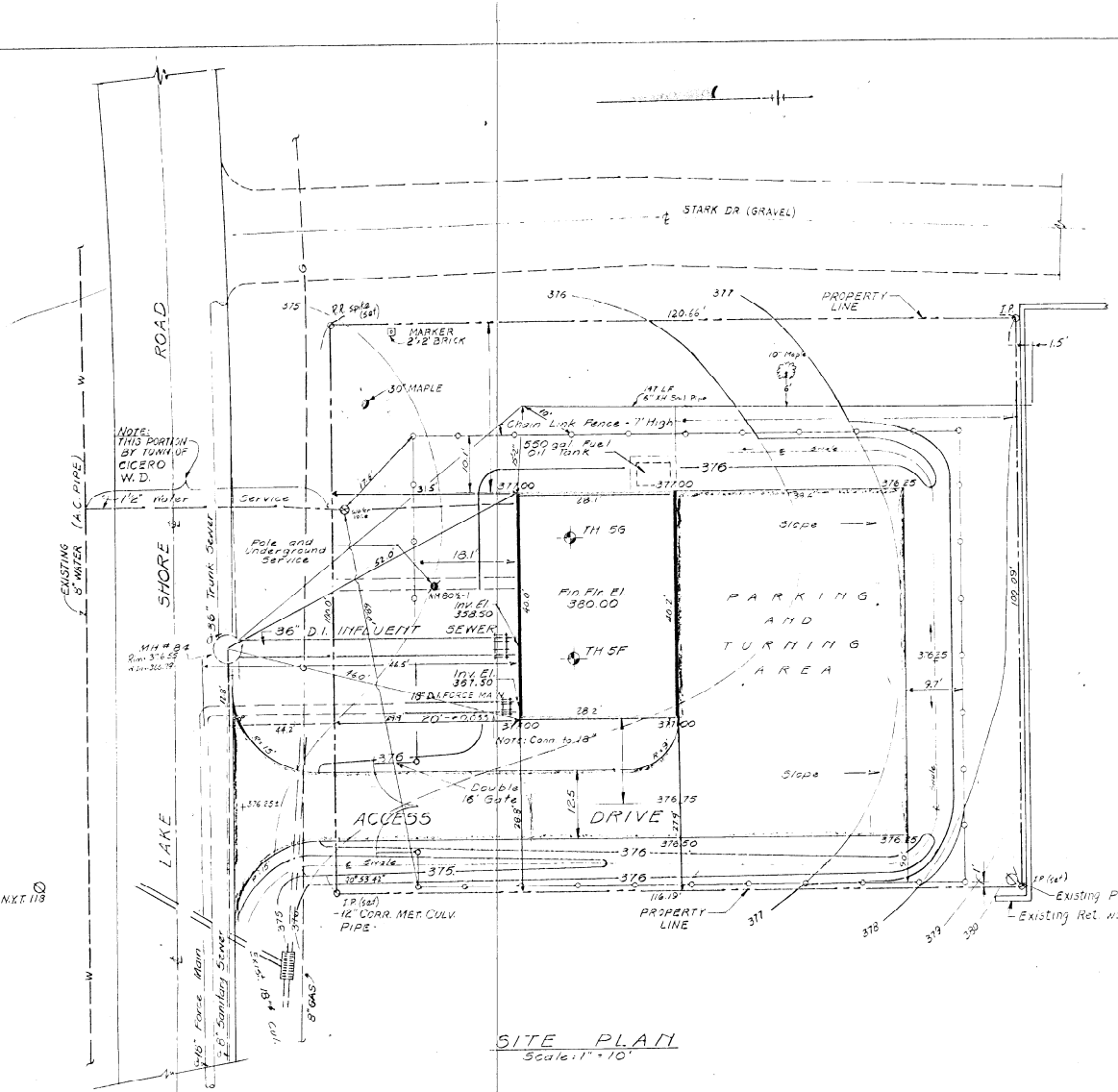
Approved for Submittal

Murray Walter, In. RE. RECEIVED  
APR 23 1974

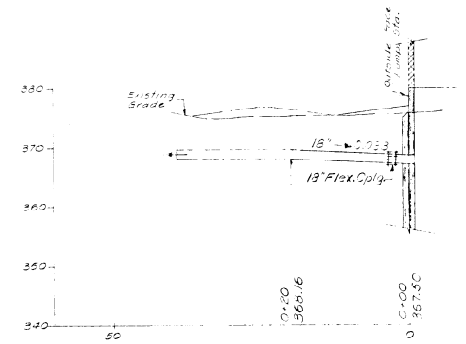
MURRAY WALTER, INC. 32-EE-17236			
REVISION	NO.	DATE	BY
	1	4-2-74	MB
THE DESIGN AND DETAIL OF THIS DRAWING IS OUR PROPERTY AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT OUR WRITTEN CONSENT AND INVENTOR RIGHTS ARE RESERVED.			
UNITED STATES PIPE AND FOUNDRY CO. BIRMINGHAM, ALA.			
NEW YORK NEW YORK SOUTH BAY PUMPING STA. DETAILS			
SCALE AS NOTED			
DRAWN BY MB		TRACED BY	
DATE 4-2-74		CHECKED BY	
		P-12235	

GROUP DRAWINGS REVIEWED BY: [Signature]  
FOR THE FIELD OFFICE OF THE DISTRICT ENGINEER  
FOR THE DISTRICT OF COLUMBIA  
CONSTRUCTION OF SOUTH BAY PUMPING STATION  
NEW YORK  
NEW YORK  
SOUTH BAY PUMPING STATION  
DETAILS  
SCALE AS NOTED  
DRAWN BY MB  
DATE 4-2-74

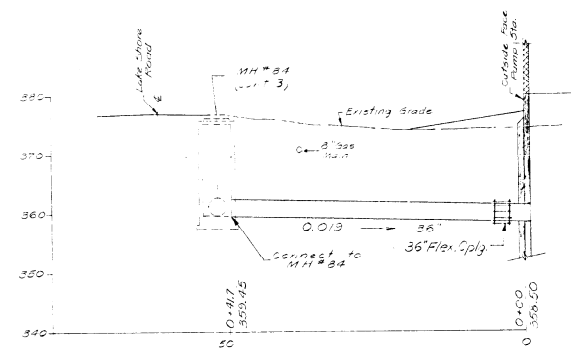
RECEIVED



**SITE PLAN**  
Scale: 1" = 10'



**PROFILE**  
**18" FORCE MAIN**  
Scale: 1" = 10' H & V



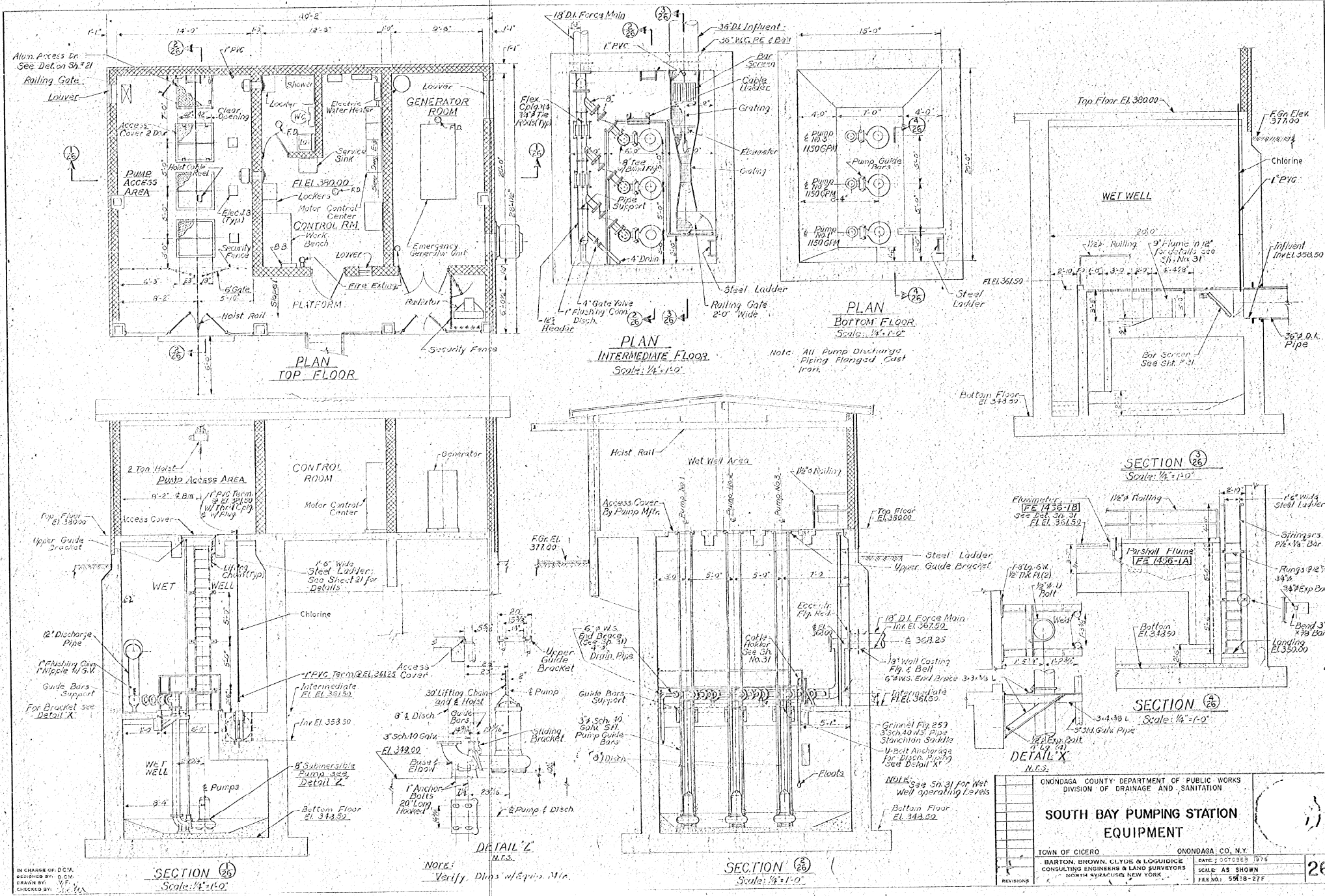
**PROFILE**  
**36" INFLUENT SEWER**  
Scale: 1" = 10' H & V

IN CHARGE OF: D. C. M.  
DESIGNED BY: F. N. K.  
DRAWN BY: F. N. K.  
CHECKED BY: C. J. A.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SOUTH BAY PUMPING STATION</b>	
<b>SITE PLAN &amp; PROFILES</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCT. 1975 SCALE: AS SHOWN FILE NO.: 55 28-26

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 208 AND DIVISION 2 OF THE NEW YORK STATE ELECTION LAW





ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SOUTH BAY PUMPING STATION EQUIPMENT</b>	
TOWN OF CICERO BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	ONONDAGA CO., N.Y. DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO: 5518-27F
REVISIONS:	<b>26</b>

WINKRETE PRE-CAST CORP. SYRACUSE, N.Y.

Maximum Fire Resistance  
 8" Thick  
 Single Section  
 Area of 210 sq ft Board = 0.51 sq ft

**8" X 4'-0" SPIROLL**  
 (NO TOPPING)

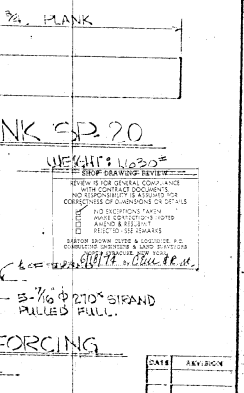
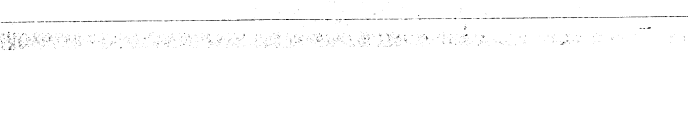
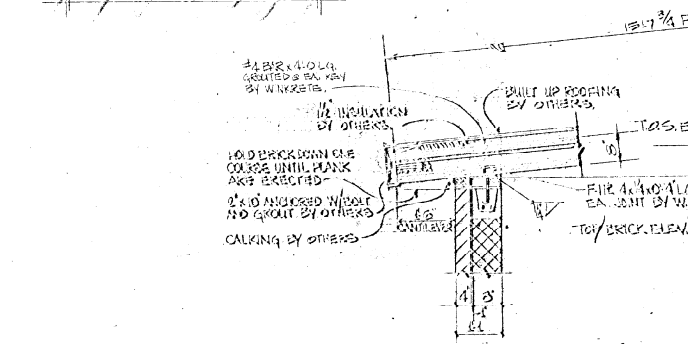
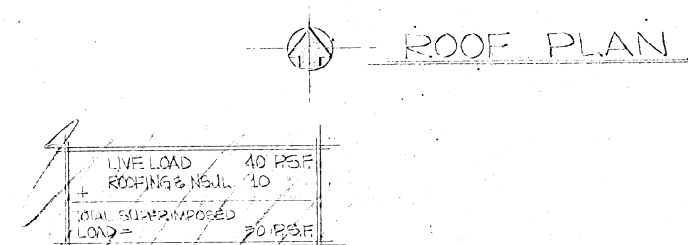
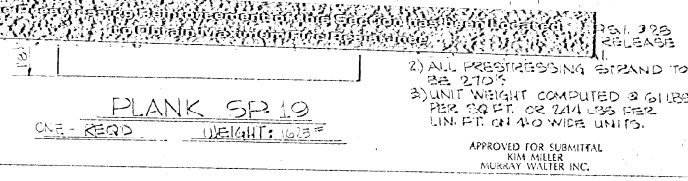
SAFE LOAD TABLE - Uniformly Distributed Superimposed\* Load in Lbs. per sq. ft.

STANDARD DESIGNATION	SIMPLE SPAN IN FEET - CENTER TO CENTER OF END BEARINGS									
	10	12	14	16	18	20	22	24	26	28
FRSP81	122	106	92	80	70	62	55	48	42	37
FRSP82	145	127	111	97	84	74	65	57	50	44
FRSP83	156	137	120	106	92	82	72	63	55	48
FRSP84	179	158	139	123	109	97	86	75	66	58
FRSP85	200	178	157	140	124	110	98	87	76	67
FRSP86	200	182	161	144	127	113	101	89	78	69
FRSP87	200	185	172	154	137	123	111	100	89	79
FRSP88	200	188	175	156	139	125	113	102	91	80

\*Include the live load plus any dead load that is additional to the weight of the concrete slab.  
 \*\*Recommended by ACI 711-58 (Sect. 404) as maximum span/depth ratio for floor slabs.  
 NOTE: Values listed on the above table are maximum safe uniform loads computed in accordance with applicable provisions of ACI 318-71 including Code Requirements for Reinforced Concrete. As member deflection and other design requirements may limit the use of these slabs we recommend that this table be professionally interpreted.  
 Data pertaining to camber, deflection, special conditions and other products is available from Winkrete upon request.  
 Capacities of 210 sq ft or more are tabulated as 700 p.s.f.

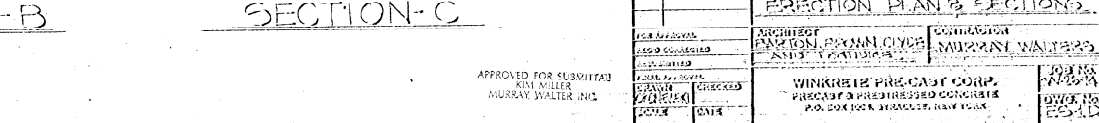
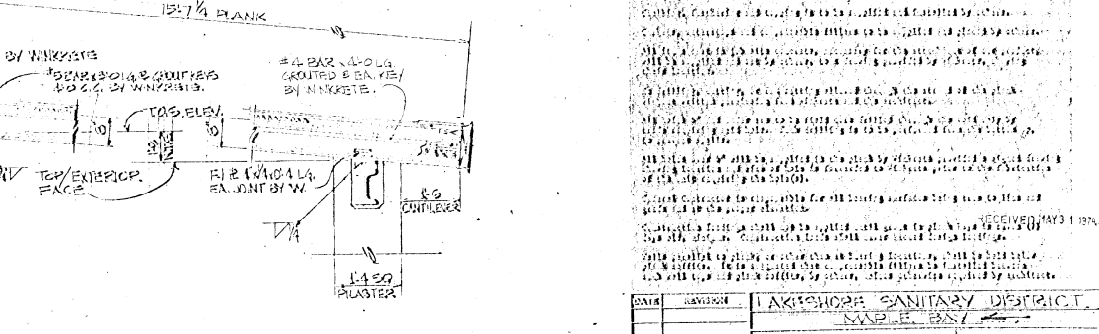
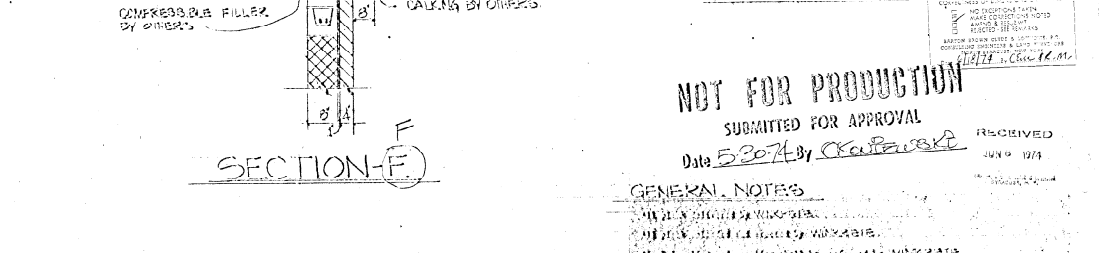
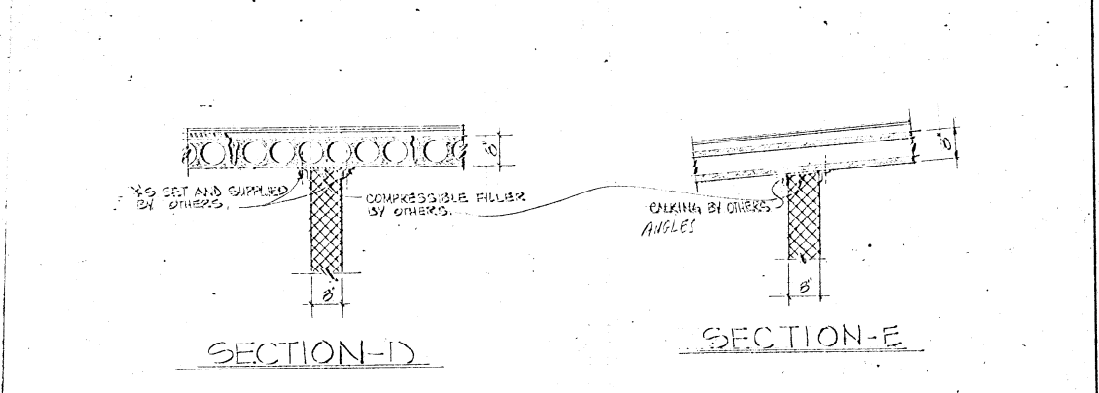
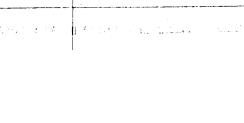
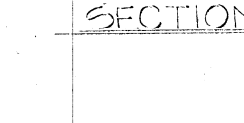
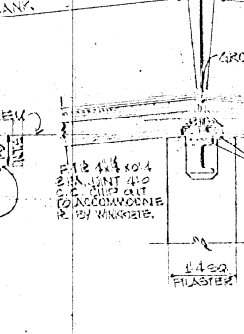
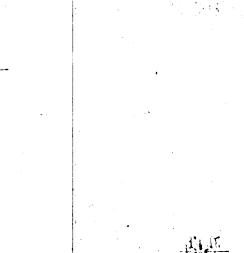
SECTION PROPERTIES

NO. OF PRESTRESSING STRANDS	2
AREA OF STRANDS (sq. in.)	0.40
AREA OF CONCRETE (sq. ft.)	3.20
WEIGHT PER SQ. FT.	11.2
COMPRESSION RATIO	0.0125
PERCENTAGE OF STEEL	0.3125
PERCENTAGE OF STRANDS	0.0625
PERCENTAGE OF CONCRETE	0.9375
PERCENTAGE OF REINFORCING	0.0000
PERCENTAGE OF TENDONS	0.0000
PERCENTAGE OF PRESTRESSING	0.0000
PERCENTAGE OF REINFORCING	0.0000
PERCENTAGE OF TENDONS	0.0000
PERCENTAGE OF PRESTRESSING	0.0000
PERCENTAGE OF REINFORCING	0.0000
PERCENTAGE OF TENDONS	0.0000
PERCENTAGE OF PRESTRESSING	0.0000
PERCENTAGE OF REINFORCING	0.0000
PERCENTAGE OF TENDONS	0.0000



WINKRETE PRE-CAST CORP.  
 PRECAST & PRESTRESSED CONCRETE  
 40 BOXWOOD AVENUE, NEW YORK  
 MAPLE BAY

ARCHITECT: KIM MILLER  
 CHECKED: MURRAY WALTERS  
 DATE: 5/20/74



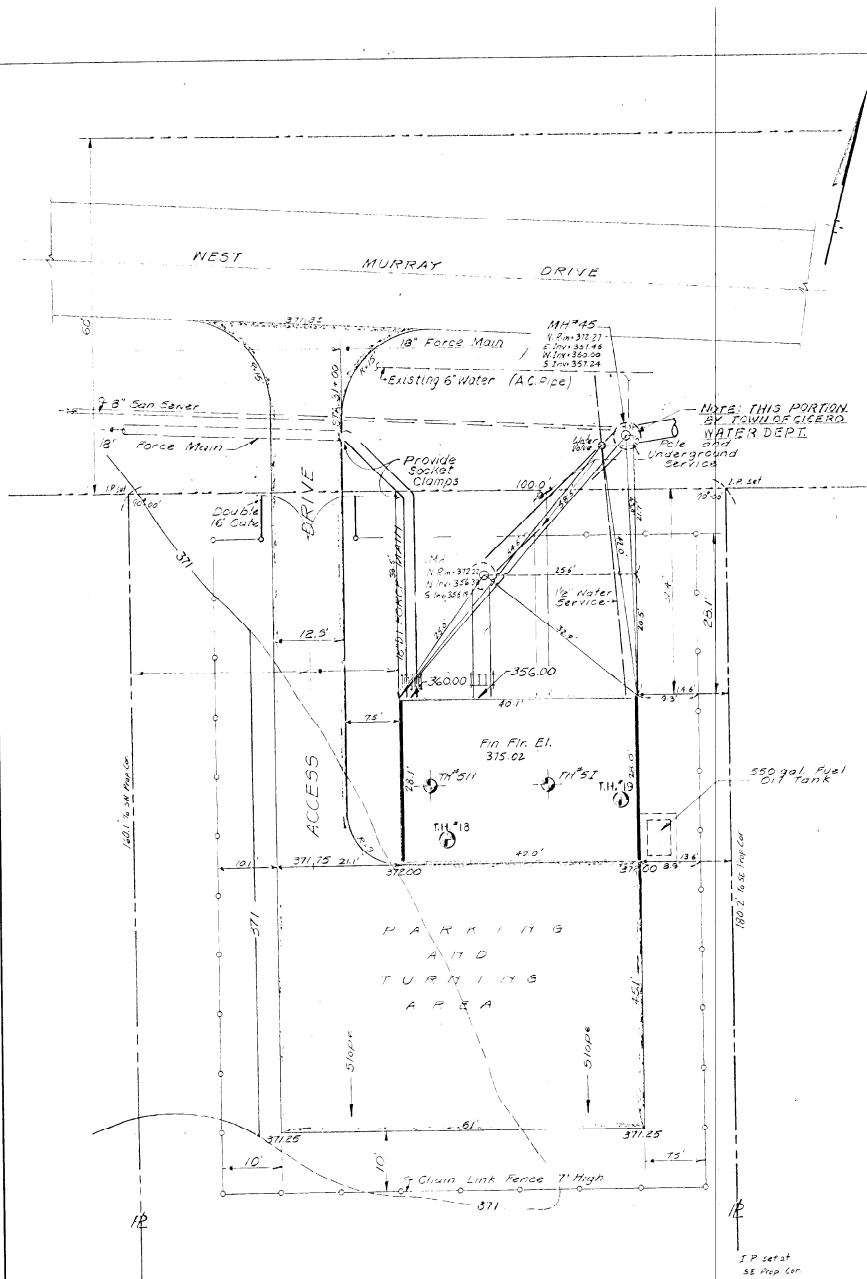
**NOT FOR PRODUCTION**  
 SUBMITTED FOR APPROVAL  
 Date 5/20/74 By *[Signature]*

GENERAL NOTES

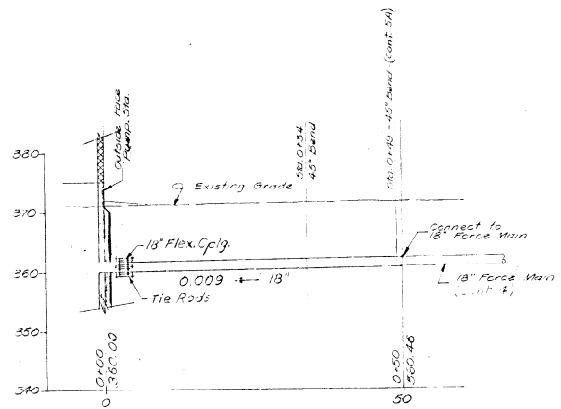
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
3. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
5. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
7. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
9. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

DATE	REVISION	BY	FOR

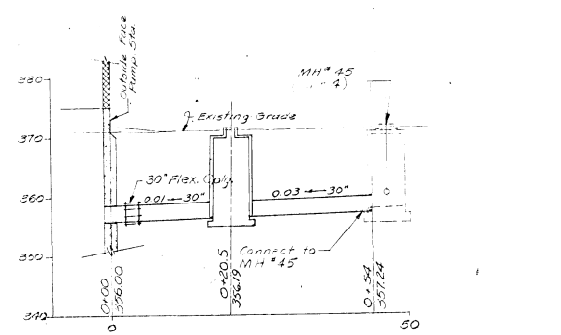
APPROVED FOR SUBMITTAL  
 KIM MILLER  
 MURRAY WALTERS INC.



**SITE PLAN**  
Scale: 1" = 10'



**PROFILE 18" FORCE MAIN**  
Scale: 1" = 10' H&V.



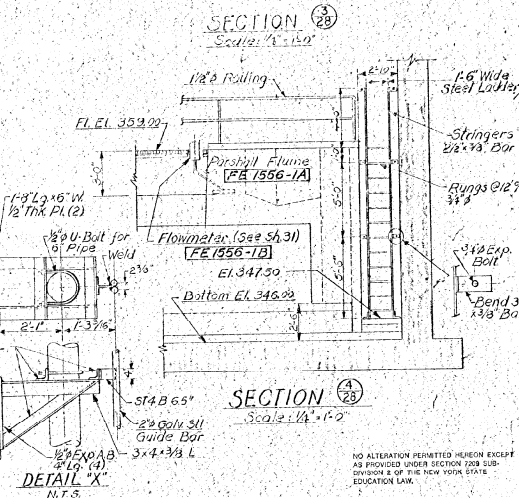
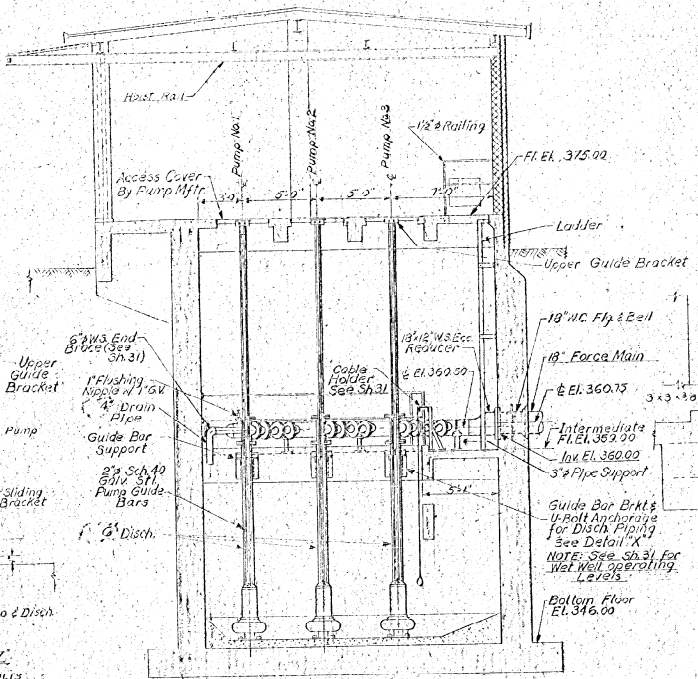
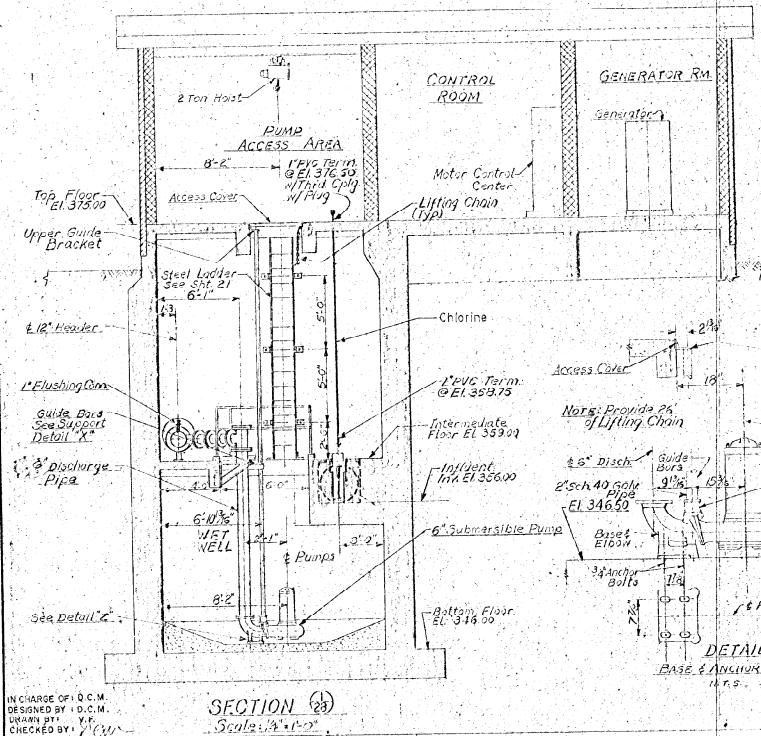
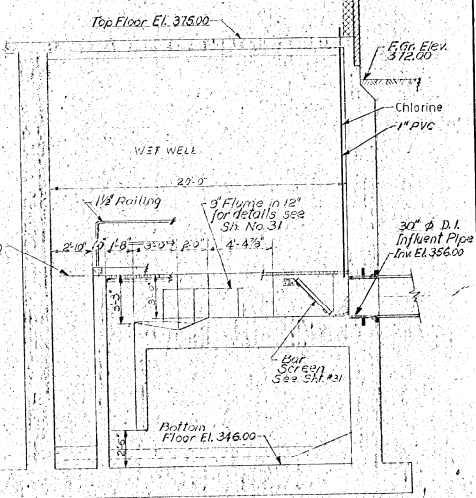
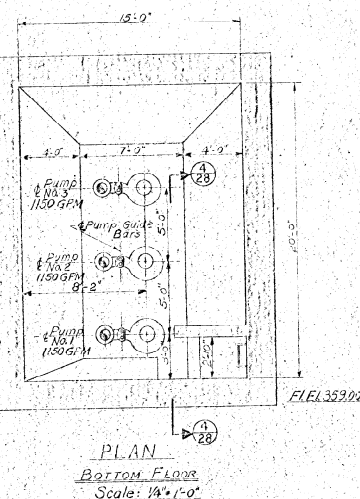
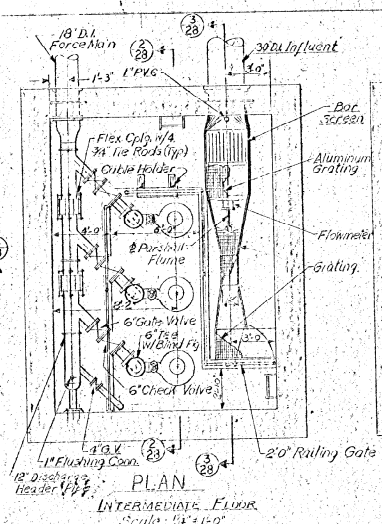
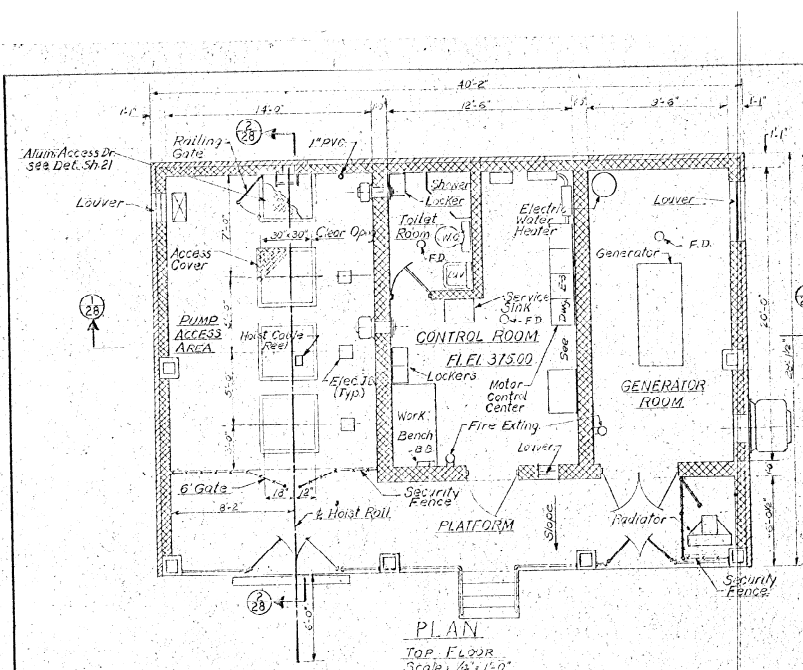
**PROFILE 30" INFLUENT SEWER**  
Scale: 1" = 10' H&V.

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 108 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>MAPLE BAY PUMPING STATION</b>	
<b>SITE PLAN &amp; PROFILES</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCT., 1975 SCALE: AS SHOWN FILE NO.: 55-33-28F
REVISIONS	<b>27</b>

IN CHARGE OF D.C.M.  
DESIGNED BY: F.N.K.  
DRAWN BY: F.N.K.  
CHECKED BY: F.N.K.





IN CHARGE OF: O.C.M.  
DESIGNED BY: O.C.M.  
DRAWN BY: V.P.  
CHECKED BY: V.P.

**SECTION 28**  
Scale: 1/4"=1'-0"

**DETAIL Z**  
BASE & ANCHOR BOLTS

**SECTION 28**  
Scale: 1/4"=1'-0"

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 200 SUB-DIVISION 4 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION

**MAPLE BAY PUMPING STATION EQUIPMENT**

TOWN OF CICERO ONONDAGA CO., N.Y.  
BARTON, BROWN, CLYDE & LOGUICIDE CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK

DATE: OCTOBER 31, 1975  
SCALE: AS SHOWN  
FILE NO: 55-9-23 F

**WINKRETE PRE-CAST CONCRETE PRODUCTS**

8" X 4'-0" SP  
(NO TOPPING)

SAFE LOAD TABLE - Uniformly Distributed Superimposed\* Load in Lbs. per sq. ft.

STANDARD DESIGNATION	SIMPLE SPAN IN FEET - CENTER TO CENTER OF END BEARINGS											
	14	16	18	20	22	24	26	28	30	32	34	36
FRSP23	112	136	160	184	208	232	256	280	304	328	352	376
FRSP24	140	175	210	245	280	315	350	385	420	455	490	525

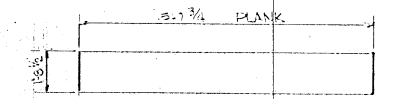
NOTE: See the live load plus any dead load that is additional to the weight of the precast slab.

Recommended by ADI 71158 (Sec. 404) as maximum span depth ratio for slabs.

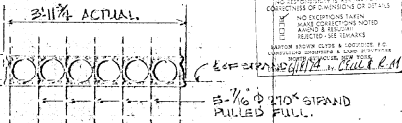
NOTE: Values listed on the above table are maximum safe uniform loads computed in accordance with applicable provisions of ACI 318. The design Code Requirements for Reinforced Concrete. As camber, deflection and other design requirements may limit the use of these values in some cases, use should be professionally interpreted.

Data pertaining to camber, deflection, special conditions and other products is available from Winkrete upon request.

Dimensions of 200 p.s.f. or more are rounded up to 200 p.s.f.



PLANK SP 24  
ONE-REQD WEIGHT: 1620#



NOTE:  
1) ALL PRECAST CONCRETE SHALL BE CONCRETE 1:2:4 WITH MINIMUM RELEASE STRENGTH 2500 P.S.I.  
2) ALL PRESTRESSING STRAND TO BE 210#  
3) UNIT WEIGHT COMPUTED @ 61 LBS PER SQ. FT. OR 214 LBS PER LIN. FT. ON 4'0" WIDE UNITS.

WINKRETE PRE-CAST PRECAST & PRESTRESSED P.O. BOX 1004, SYRACUSE, N.Y. 13207

ARCHITECT: MURRAY WALTER INC.

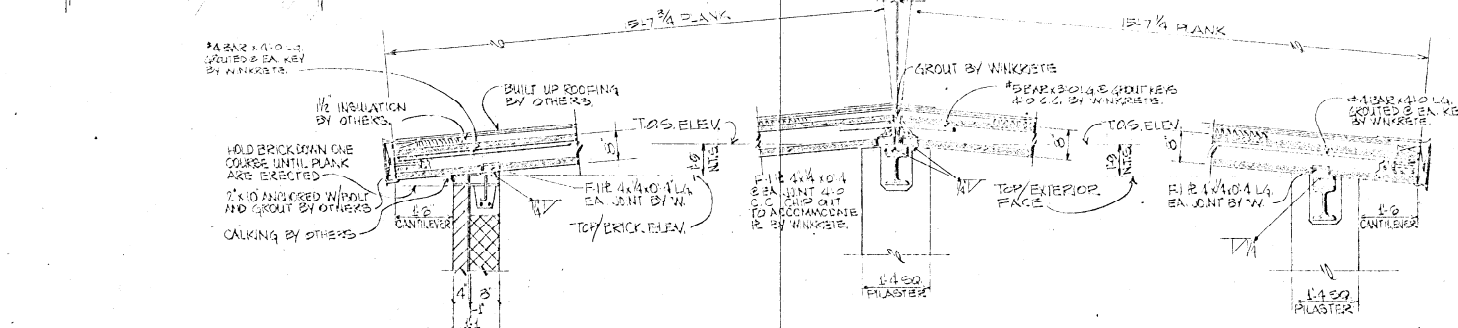
DATE: 1/17

PLANK SP 23  
ONE-REQD WEIGHT: 1620#

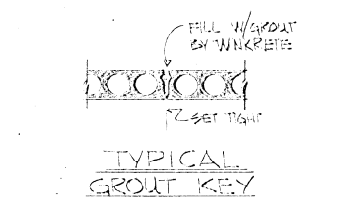
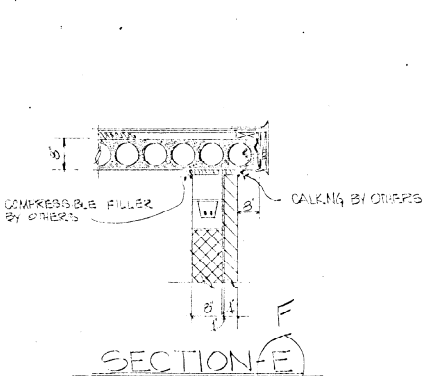
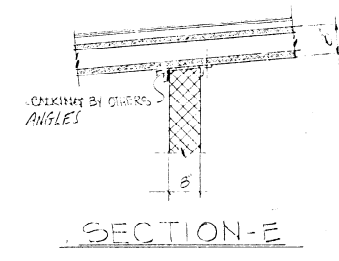
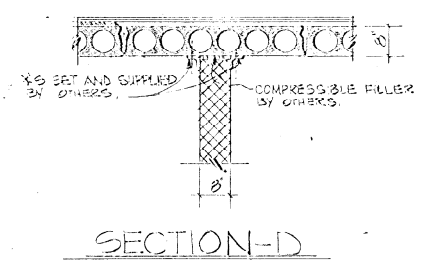
APPROVED FOR SUBMITTAL  
KIM MILLER  
MURRAY WALTER INC.

**ROOF PLAN**

LIVE LOAD	40 PSF
+ ROOFING & INSUL.	10
<b>TOTAL SUPERIMPOSED LOAD</b>	<b>50 PSF</b>



SECTION-A SECTION-B SECTION-C



**NOT FOR PRODUCTION**  
SUBMITTED FOR APPROVAL

Date: 6-30-74 By: *Colin B...*

RECEIVED JUN 6 1974

GENERAL NOTES

All plink delivered by WINKRETE.

Plink unloaded and erected by WINKRETE.

Plink leveling and grouting shall be performed by WINKRETE.

Calking, foaming and topping is to be supplied and installed by others.

Shelving, waterstops and compressible fillers to be supplied and placed by others.

All items cast in job site concrete, necessary for the attachment of our product, shall be supplied and set by others, to a drawing provided by Winkrete, showing their location.

No drilling, cutting, or saw-cutting allowed through the strand of the plink without written permission from Winkrete and the architect.

All holes 6" and under are to be field cast drilled through the void only by trade requiring said hole. Such drilling is to be performed from the bottom up, to prevent spalls.

All holes over 6" will be supplied in the plink by Winkrete provided a signed drawing showing location and size of hole is forwarded to Winkrete prior to the fabrication of the site requiring the hole(s).

General Contractor is responsible for all bearing surfaces being true to line and grade and at the proper elevation.

Constructional joints shall not be applied until grout in plink keys is cured (3) days old, minimum. Constructional joints shall cover exceed design loadings.

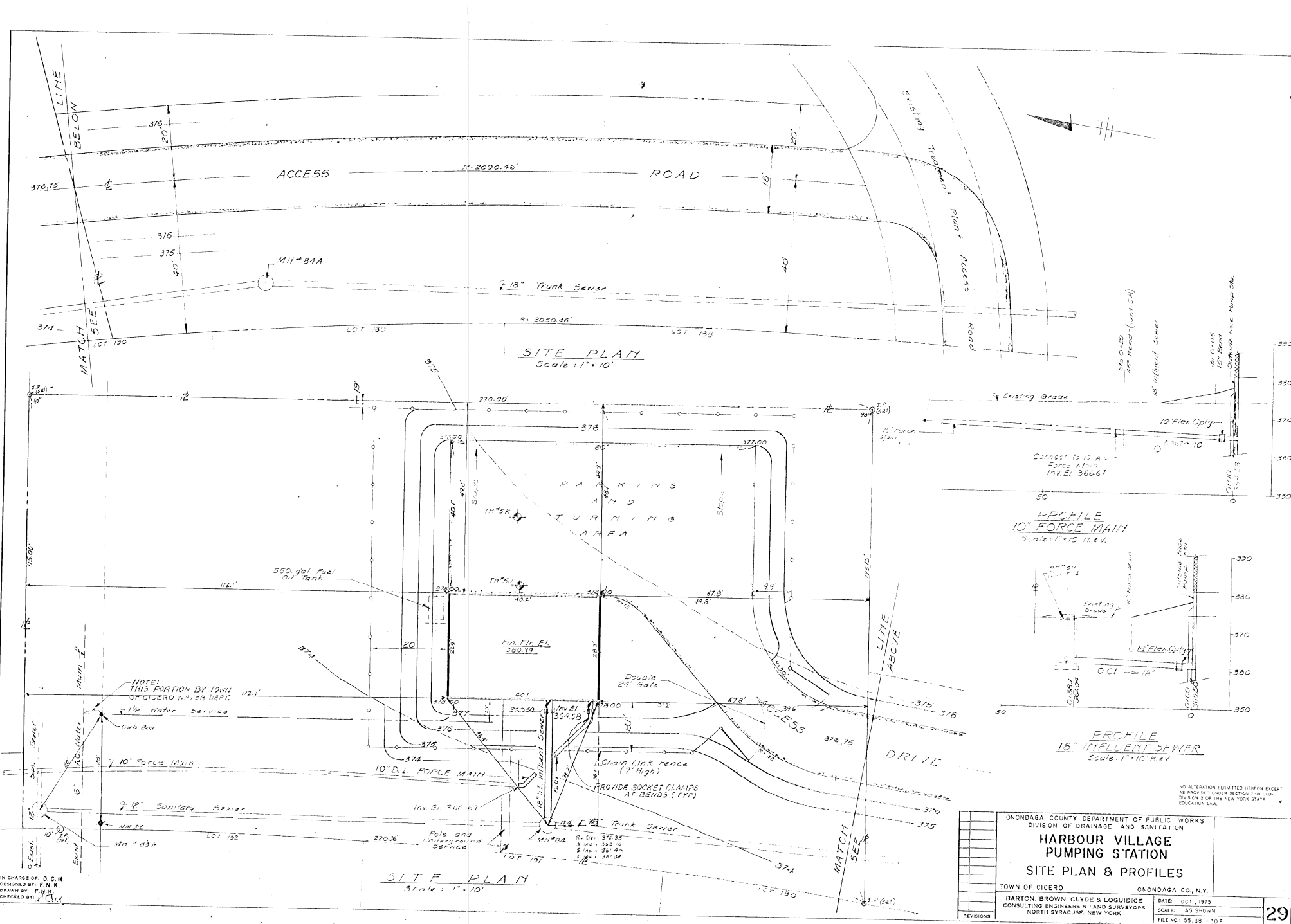
Joints parallel to plink, or other than as bearing locations, shall be held below plink soffits. It is suggested that compressible fillers be installed between such wall tops and plink soffits, by others, unless otherwise required by architect.

DATE	REVISION	1	LAGROSHORE SANITARY DISTRICT HARBOR VILLAGE
		ERECTOR PLAN & SECTIONS	
DESIGNED BY	ARCHITECT	CONTRACTOR	
CHECKED BY	MURRAY WALTER INC.	MURRAY WALTERS	
DATE			

APPROVED FOR SUBMITTAL  
KIM MILLER  
MURRAY WALTER INC.

WINKRETE PRE-CAST CORP.  
PRECAST & PRESTRESSED CONCRETE  
P.O. BOX 1004, SYRACUSE, NEW YORK

JOB NO. 74-0074  
DWG. NO. 23-1E



IN CHARGE OF: D.C.M.  
 DESIGNED BY: F.N.K.  
 DRAIN BY: F.N.K.  
 CHECKED BY: F.N.K.

**SITE PLAN**  
 Scale: 1" = 10'

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION

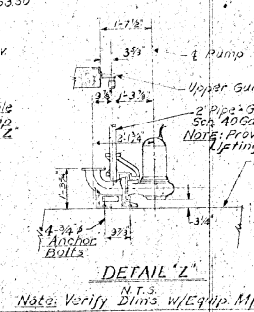
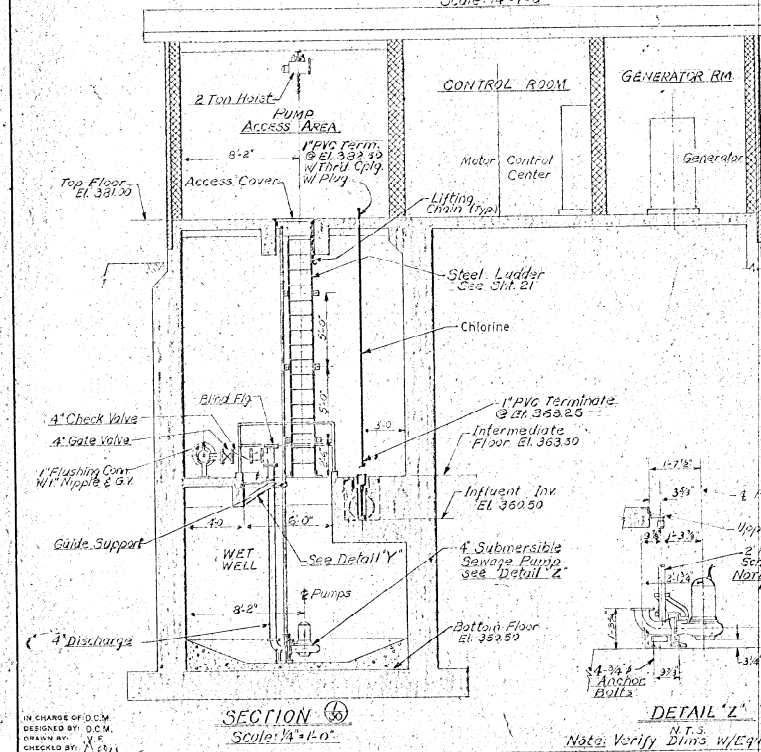
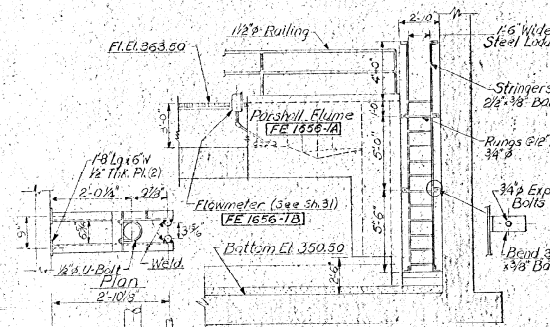
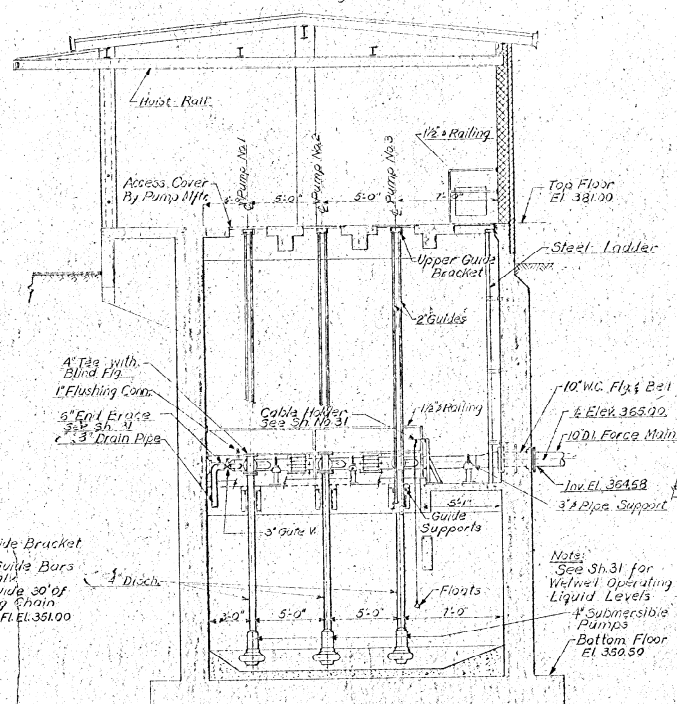
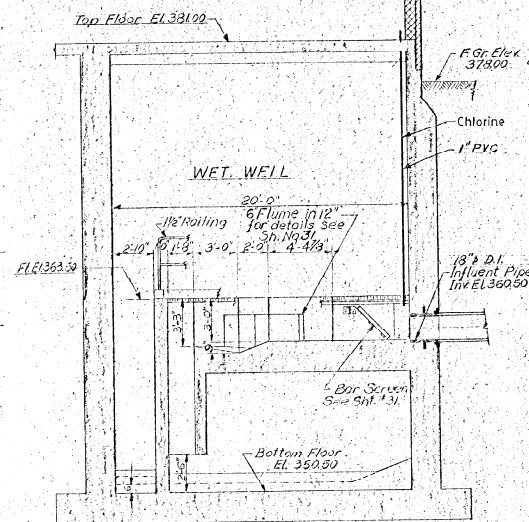
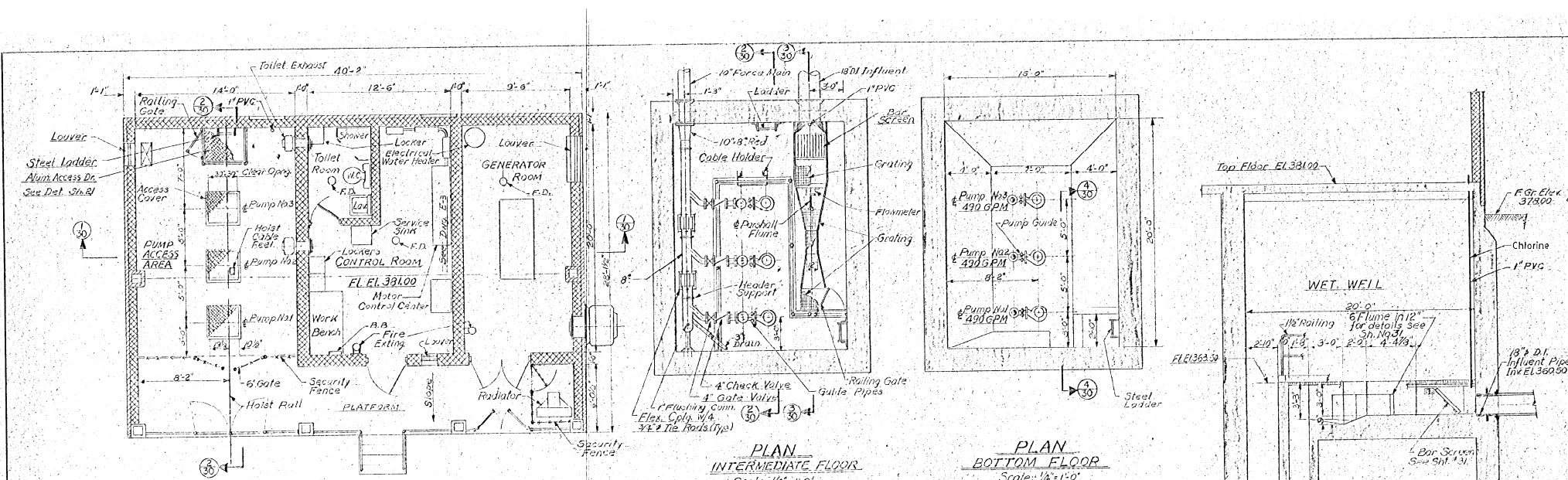
**HARBOUR VILLAGE  
 PUMPING STATION**

**SITE PLAN & PROFILES**

TOWN OF CICERO ONONDAGA CO., N.Y.

BARTON, BROWN, CLYDE & LOGGIDICE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 NORTH SYRACUSE, NEW YORK

DATE: OCT., 1975  
 SCALE: AS SHOWN  
 FILE NO: 55-38-SDF



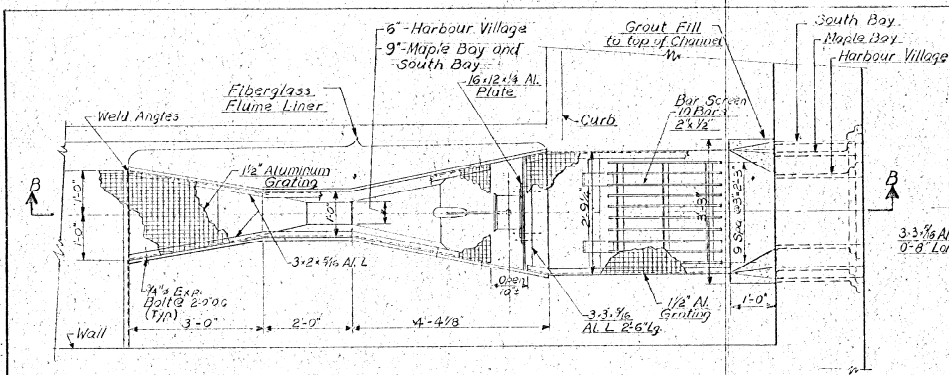
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>HARBOUR VILLAGE PUMPING STATION EQUIPMENT</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUICICE CONSULTING ENGINEERS & LAND SURVEYORS 1 NORTH SYRACUSE, NEW YORK	DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO: 55238-31F
REVISIONS	<b>30</b>

IN CHARGE OF D.C.M.  
DESIGNED BY: D.C.M.  
DRAWN BY: V.E.  
CHECKED BY: V.E.

Note: All Pump Discharge Piping Flanged Cast Iron.

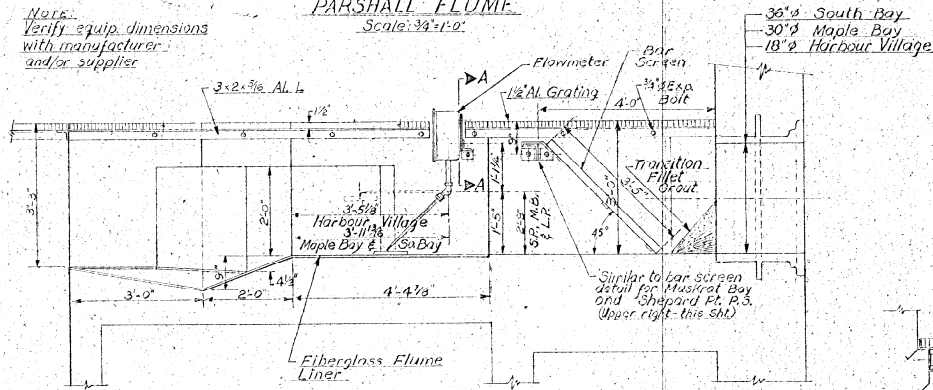
Note: See Sh.31 for Wetwell Operating Liquid Levels

Note: Verify Dim's w/Equip Mfr.



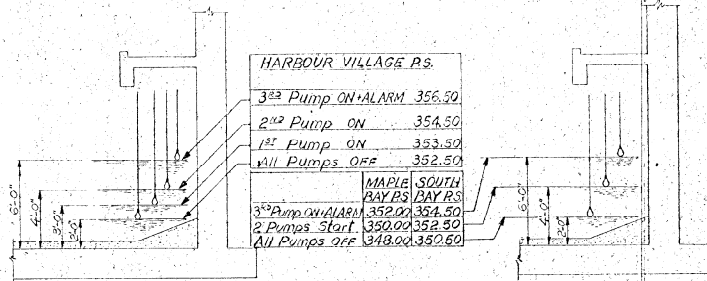
**PLAN PARSHALL FLUME**  
Scale: 3/4"=1'-0"

Note: Verify equip. dimensions with manufacturer and/or supplier



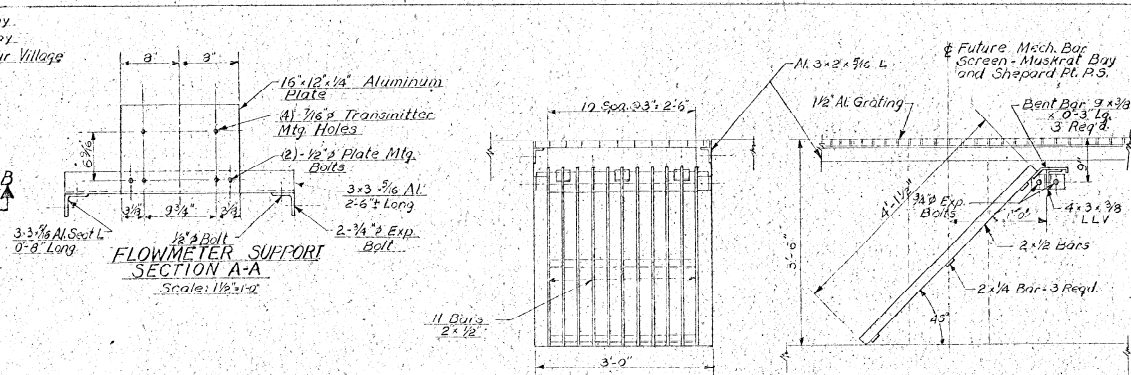
**SECTION B-B**  
Scale: 3/4"=1'-0"

NOTE: LINER INSTALLATION AT SHEPARD PT. MUSKRAT BAY & LONG PT. SIMILAR.

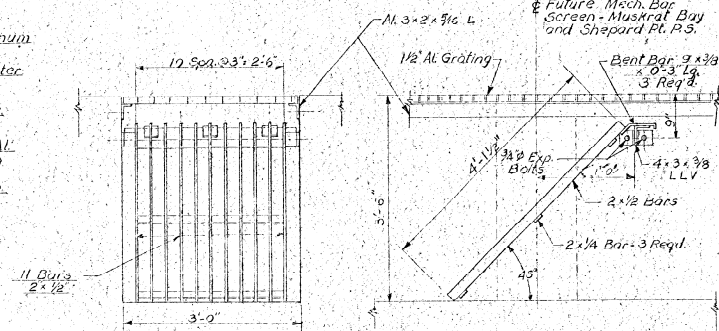


**WET WELL OPERATING LIQUID LEVELS**  
Scale: 1/4"=1'-0"  
SOUTH BAY, MAPLE BAY AND HARBOUR VILLAGE

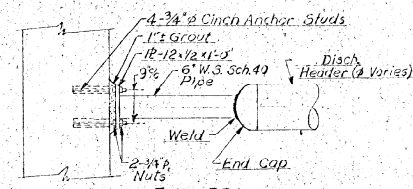
IN CHARGE OF: D.C.M.  
DESIGNED BY: D.C.M.  
DRAWN BY: V.C.  
CHECKED BY: J.H.



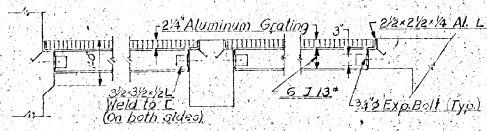
**FLOWMETER SUPPORT SECTION A-A**  
Scale: 1/8"=1'-0"



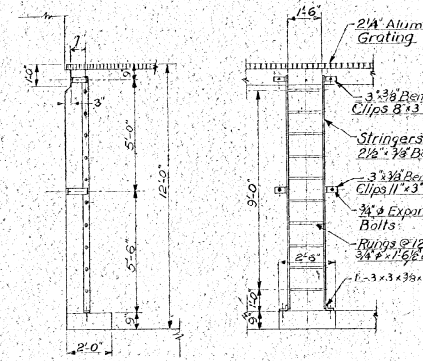
**BAR SCREEN DETAIL**  
For Shepard Point and Muskrat Bay.  
Scale: 1"=1'-0"



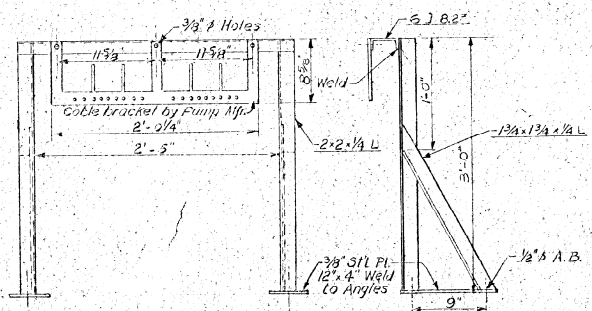
**END BRACE DETAIL**  
ALL STATIONS  
Not to Scale



**GUIDE BAR SUPPORT DETAIL**  
Scale: 3/4"=1'-0"  
SHEPARD POINT, MUSKRAT BAY AND LONG POINT



**LADDER DETAIL**  
Scale: 3/8"=1'-0"  
SHEPARD POINT, MUSKRAT BAY & LONG POINT

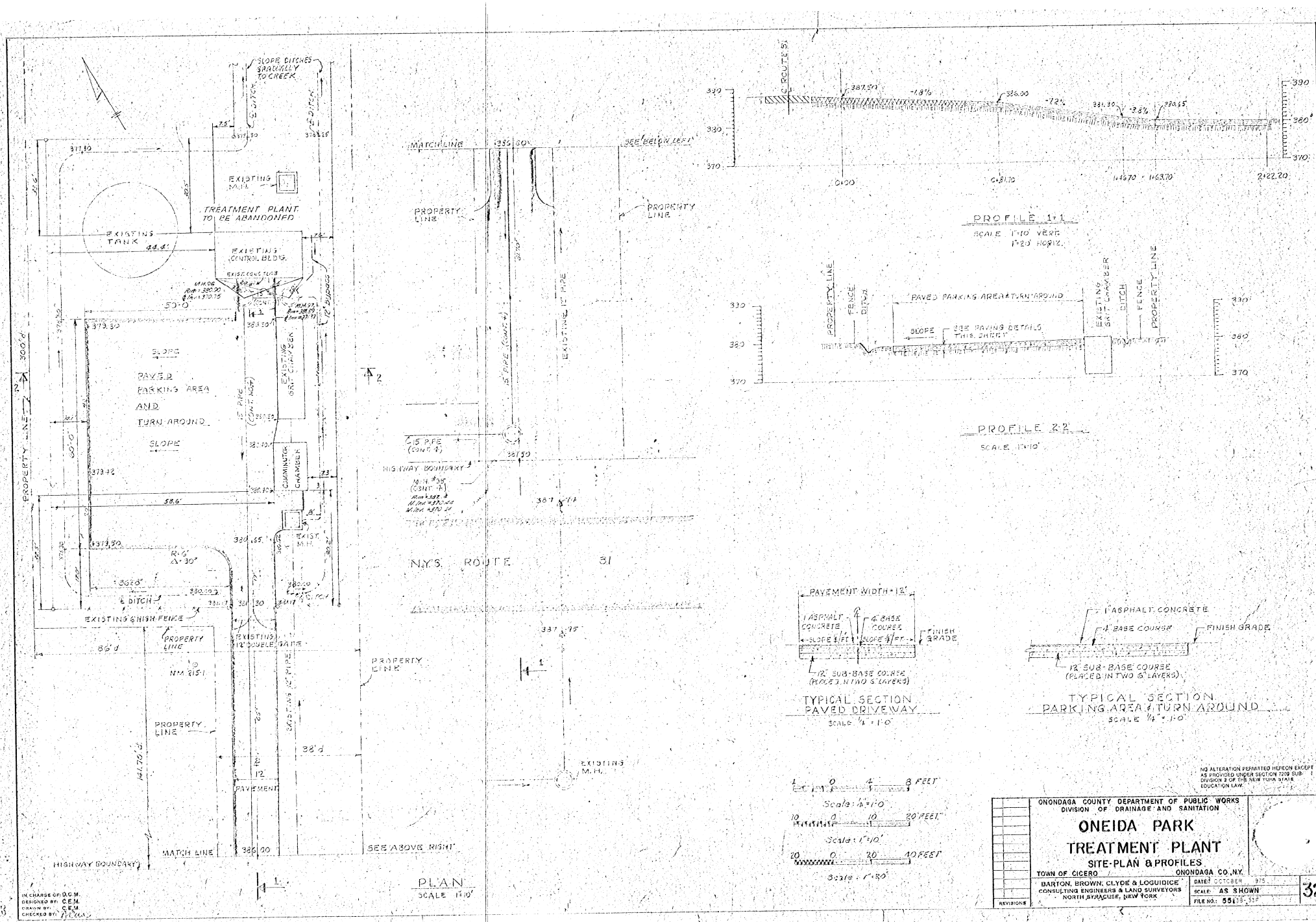


**CABLE HOLDER**  
ALL STATIONS  
Not to Scale

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 4703 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.

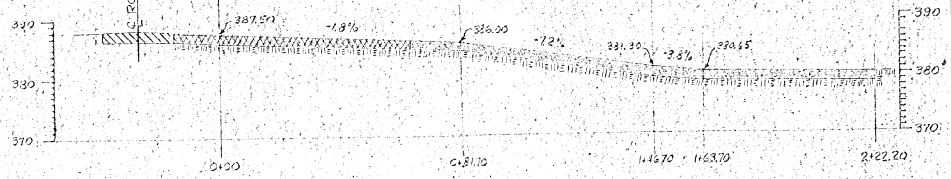
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>ALL PUMPING STATIONS MISCELLANEOUS DETAILS</b>	
TOWN OF CICERO	ONONDAGA CO. N.Y.
BARTON, BROWN, CLYDE & LOGUICQUE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: 11/13/85 SCALE: AS SHOWN FILE NO: 54-13-12 F



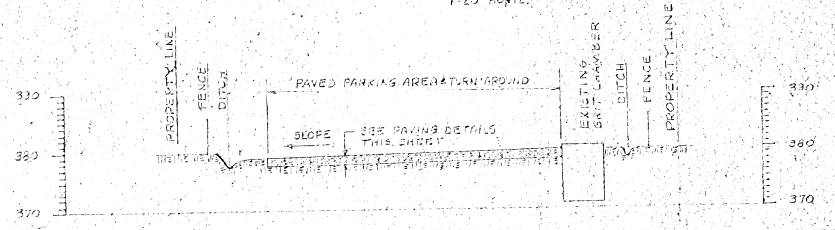


IN CHARGE OF D.C.M.  
 DESIGNED BY C.E.M.  
 DRAWN BY C.E.M.  
 CHECKED BY J.C.M.

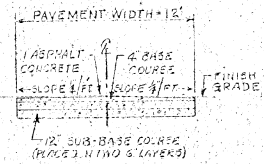
PLAN  
 SCALE 1"=10'



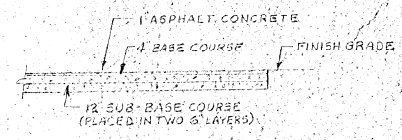
PROFILE 1-1  
 SCALE 1"=10' VERT  
 1"=20' HORIZ.



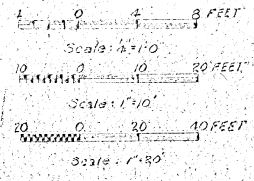
PROFILE 2-2  
 SCALE 1"=10'



TYPICAL SECTION  
 PAVED DRIVEWAY  
 SCALE 1/2" = 1'-0"

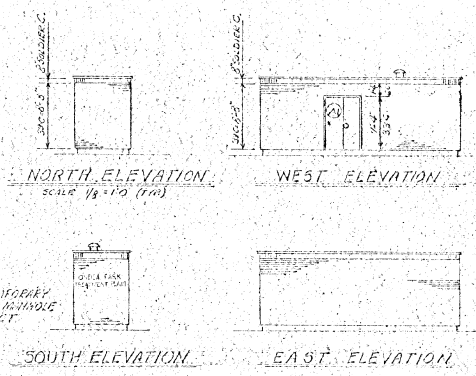
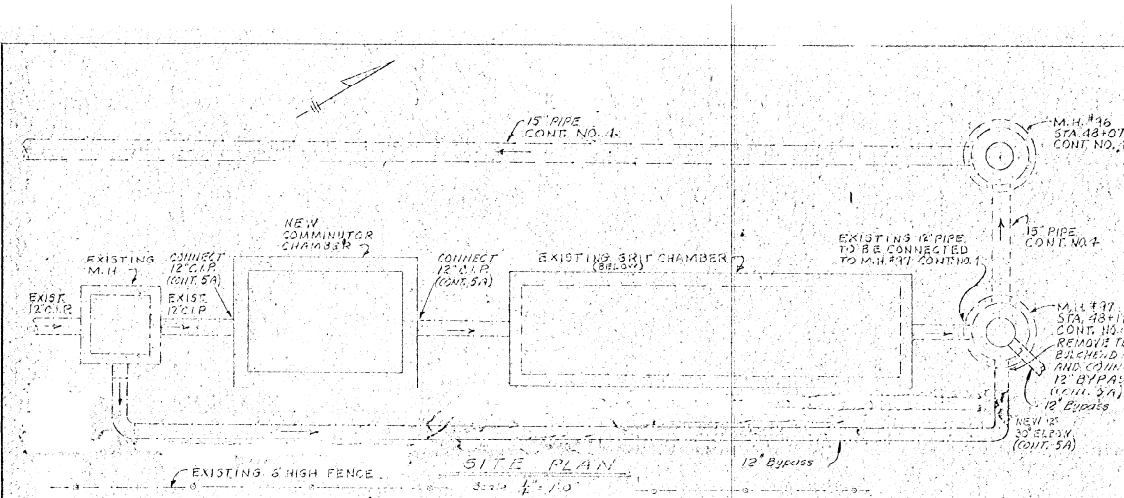


TYPICAL SECTION  
 PARKING AREA TURN AROUND  
 SCALE 1/2" = 1'-0"

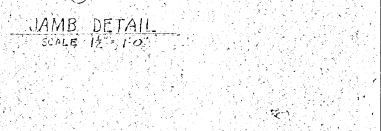
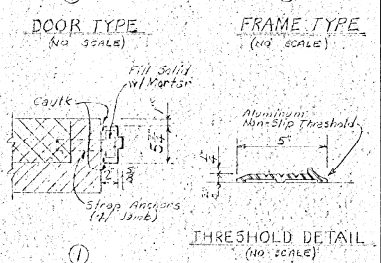
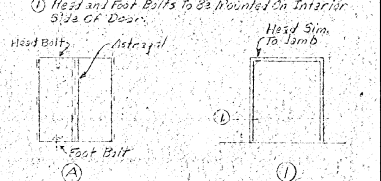


NO ALTERATION PERMITTED HEREON EXCEPT  
 AS PROVIDED UNDER SECTION 1709 SUB-  
 DIVISION 2 OF THE NEW YORK STATE  
 EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION		
<b>ONEIDA PARK TREATMENT PLANT SITE PLAN &amp; PROFILES</b>		
TOWN OF CICERO	ONONDAGA CO. N.Y.	
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH AVENUE, NEW YORK	DATE: OCTOBER 31, 1975 SCALE: AS SHOWN FILE NO: 55133-33P	



GRIT CHAMBER	WALL		CEILING		REMARKS
	MAT. BLK.	FIN. PAINT	MAT. CONG.	FIN. PAINT	
AL-1	HM	1/2\"/>			

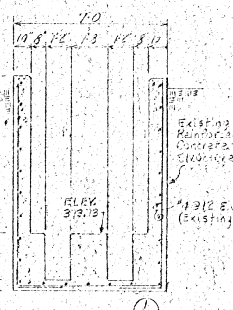


MARK	MATERIAL	M.O.	SECT.	REMARKS
AL-1	3/8\"/>			

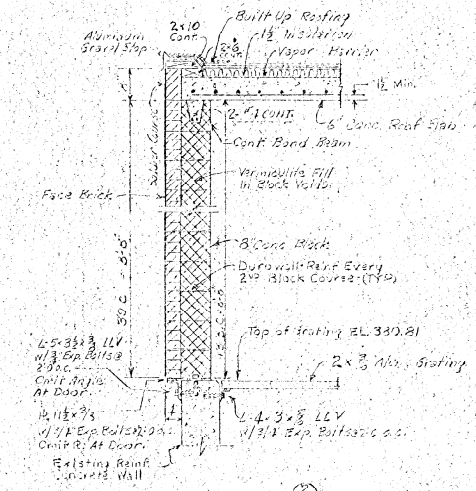
NOTE:  
REFER TO SHEET NO. 21 FOR ALUMINUM THRESHOLD DETAIL.

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 700 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

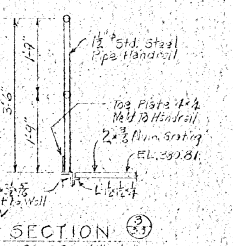
NOTE:  
REMOVE EXISTING WOOD STRUCTURE ABOVE GRIT CHAMBER SIZE 3'11\"/>



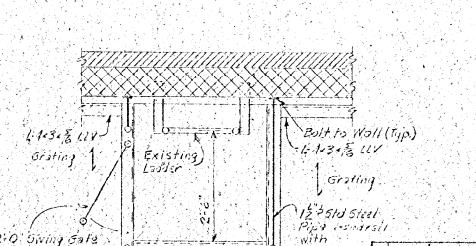
SECTION 33  
EXISTING GRIT CHAMBER  
SCALE 1/8\"/>



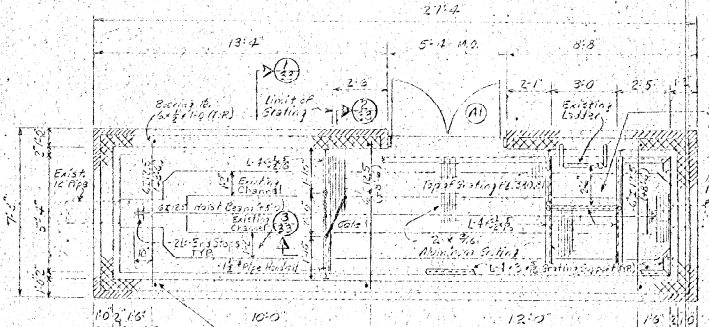
SECTION 34  
SCALE 3/4\"/>



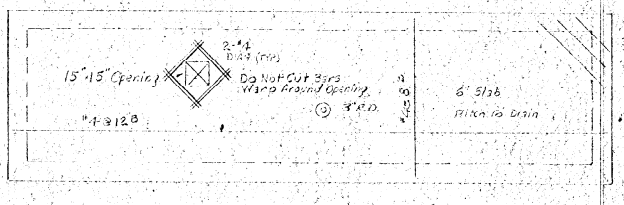
SECTION 35  
SCALE 3/8\"/>



DETAIL A  
SCALE 3/4\"/>



FLOOR PLAN  
SCALE 3/8\"/>



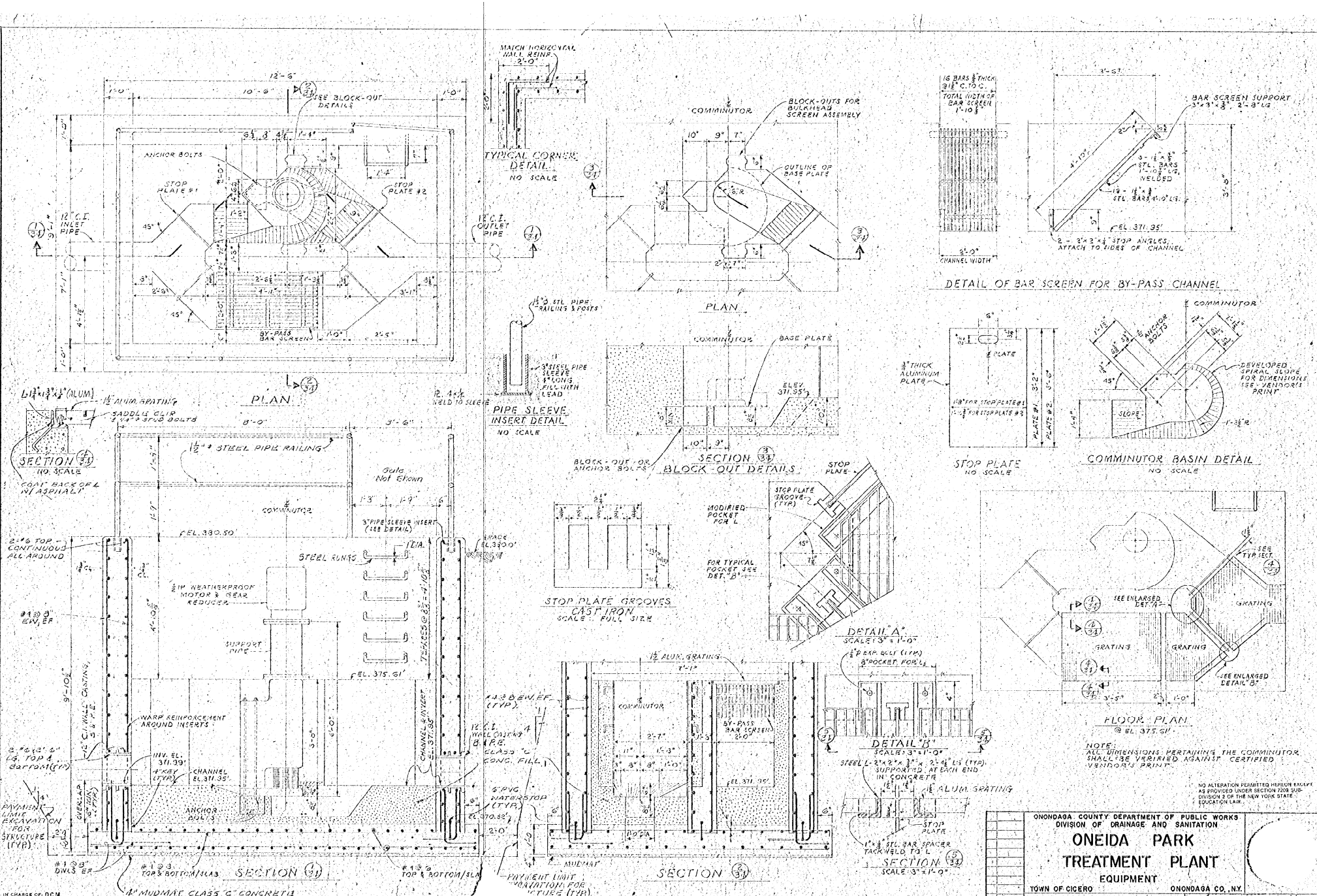
ROOF PLAN  
SCALE 3/8\"/>

IN CHARGE OF D.C.M.  
DESIGNED BY C.E.M.  
DRAWN BY C.E.M.  
CHECKED BY J.P.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION  
**ONEIDA PARK TREATMENT PLANT**  
ARCHITECTURAL  
TOWN OF CICERO ONONDAGA CO., N.Y.

DATE: OCTOBER 1974  
SCALE: AS SHOWN  
FILE NO.: 9-13-74





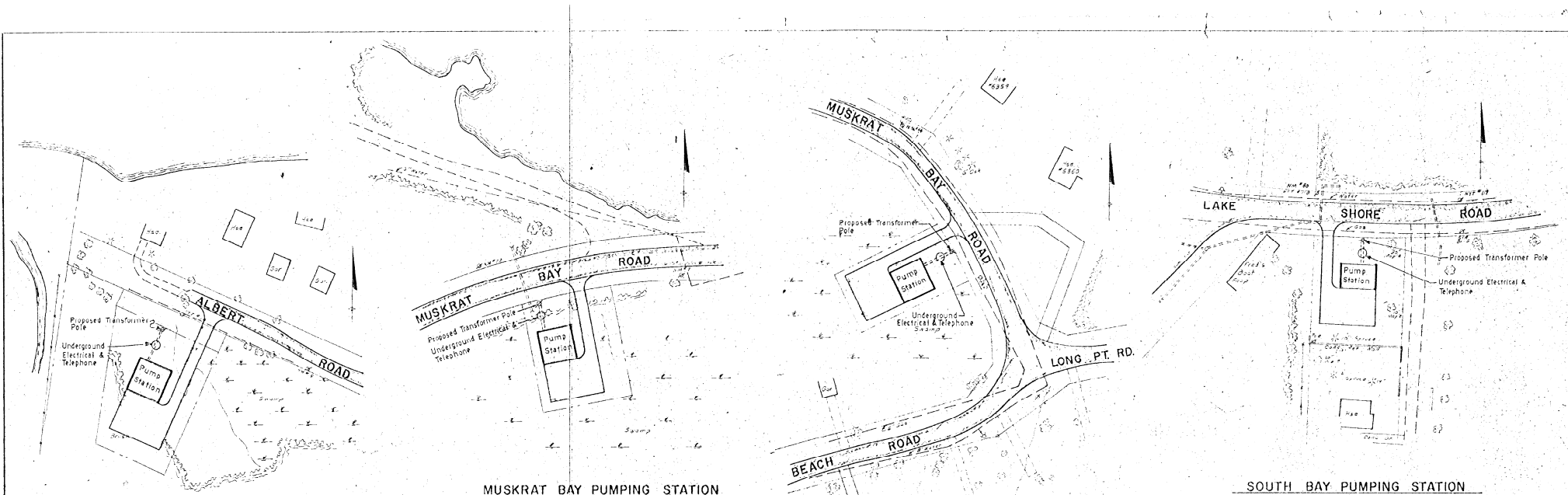
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION

**ONEIDA PARK  
 TREATMENT PLANT**

**EQUIPMENT**

TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGGIO, INC. CONSULTING ENGINEERS & LAND SURVEYORS 205 WEST ALBANY, ALBANY, N.Y.	DATE: APR 2 1950 SCALE: AS SHOWN UNLESS OTHERWISE NOTED FILE NO.: 5512

IN CHARGE OF: CEM.  
 DESIGNED BY: CEM.  
 DRAWN BY: CEM.  
 CHECKED BY: CEM.



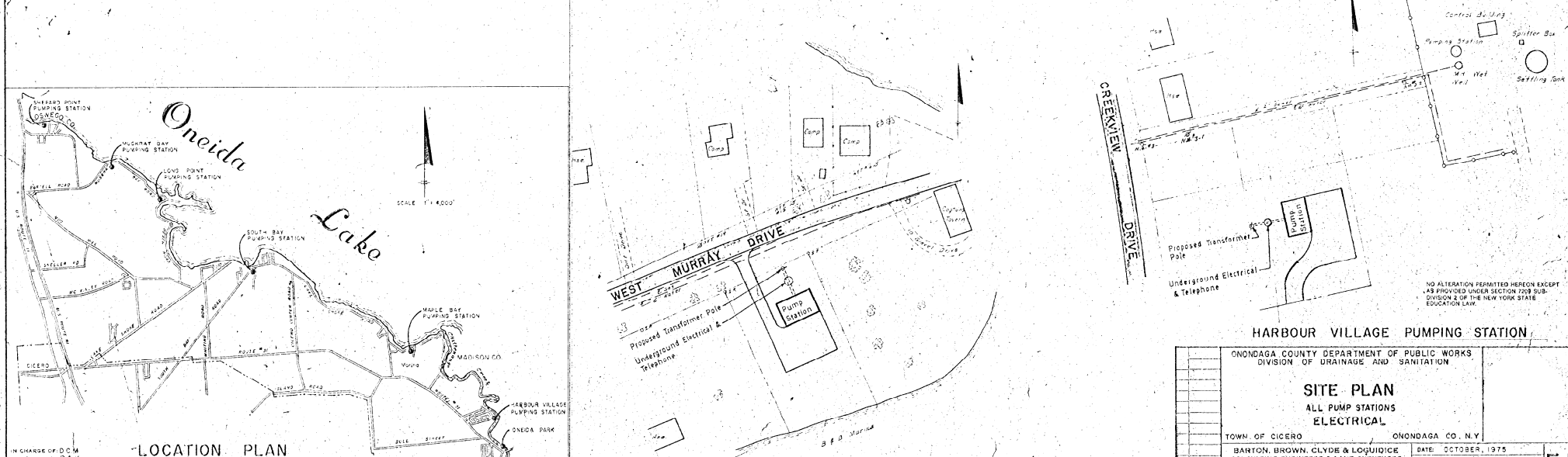
SHEPARD POINT PUMPING STATION

MUSKRAT BAY PUMPING STATION

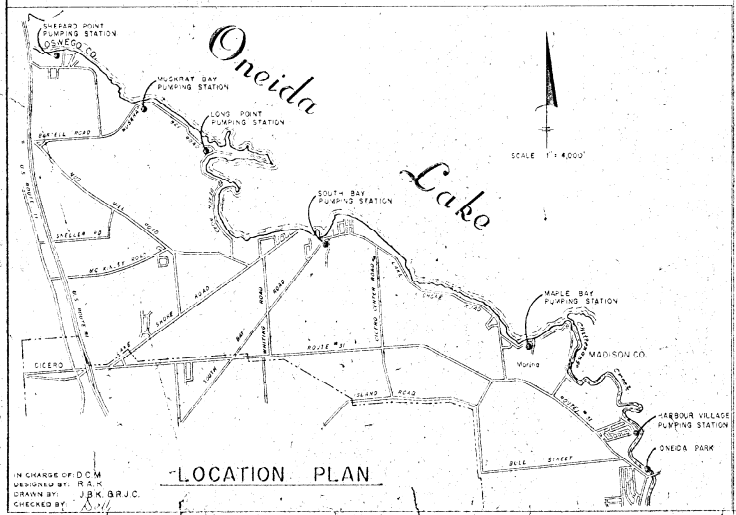
SOUTH BAY PUMPING STATION



LONG POINT PUMPING STATION



HARBOUR VILLAGE PUMPING STATION

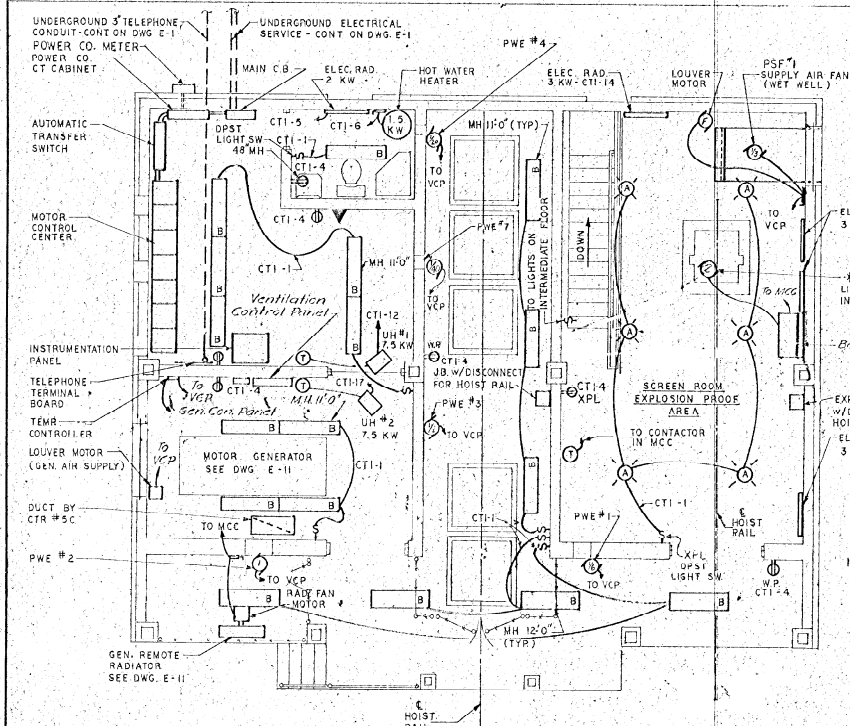


LOCATION PLAN

IN CHARGE OF D.C.M.  
 DESIGNED BY: R.A.M.  
 DRAWN BY: J.B.K. B.J.C.  
 CHECKED BY: J.B.K.

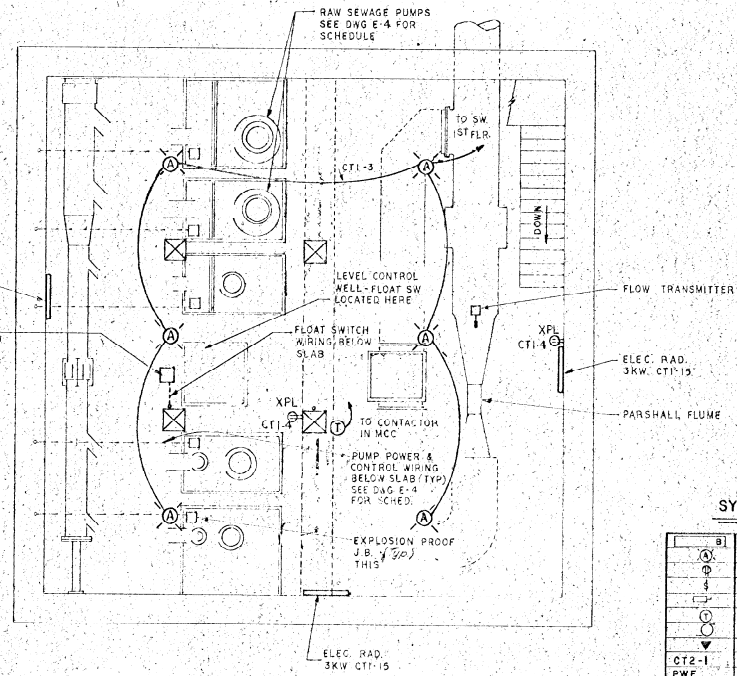
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>SITE PLAN</b> ALL PUMP STATIONS ELECTRICAL	
TOWN OF CICERO	ONONDAGA CO. N.Y.
BANTON, BROWN, CLYDE & LOGIUDICE CONSULTING ENGINEERS & LAND SURVEYORS 10414 STRACUSE, NEW YORK	DATE: OCTOBER, 1975 SCALE: 1" = 50' FILE NO: 55-38-36F
REVISIONS	

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 2209 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.



**1st FLOOR PLAN**

SHEPARD POINT, MUSKRAT BAY & LONG POINT  
 \* REQUIRED FOR LONG POINT PUMP STATION ONLY



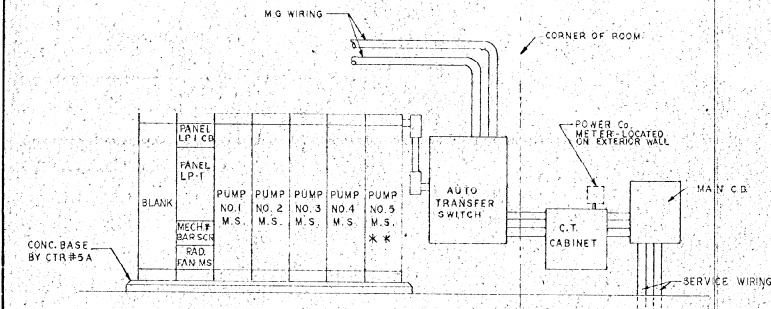
**INTERMEDIATE FLOOR PLAN**

SHEPARD POINT, MUSKRAT BAY, & LONG POINT

**SYMBOLS & ABBREVIATIONS**

Ⓛ	FLUORESCENT LIGHT FIXTURE, TYPE NOTED
Ⓞ	INCANDESCENT LIGHT FIXTURE, TYPE NOTED
Ⓢ	DOUBLE CONVENIENCE OUTLET, WD - WEATHERPROOF
Ⓜ	LOCAL SWITCH, 2 WAY
Ⓝ	DISCONNECT SWITCH
Ⓜ	THERMOSTAT
Ⓜ	MOTOR, H.R. NOTED, F = FRACTIONAL
Ⓜ	TELEPHONE OUTLET
CT2-1	CT = CIRCUIT, 2 = PANEL NO., -1 = CIRCUIT NO.
PWE	POWER WALL EXHAUSTER
UH	UNIT HEATER
MH	MOUNTING HEIGHT
MCC	MOTOR CONTROL CENTER
VCP	VENTILATION CONTROL PANEL
M.S.	MOTOR STARTER
L.P.	LIGHT PANEL
M.G.	MOTOR - GENERATOR
C.R.	CONTROL RELAY
TDR	TIME DELAY RELAY (T.C. = TIME CLOSING)
F.S.	FLOAT SWITCH
ETM	ELAPSE TIME METER
S.S.	SELECTION SWITCH
P.B.	PUSH BUTTON
L.S.	LIMIT SWITCH
T.C.	TIME CLOCK OR TIME CLOSING
N.P.	NORMAL POWER
E.P.	EMERGENCY POWER
TAP	PHONE EQUIPMENT POWER SUPPLY
T.T.	PHONE TRANSMITTER
M-II-CR	MARK RELAY ON THRU (TYP)
C-II-CR	CARRIER RELAY ON THRU (TYP)
S-II-CR	SPACE RELAY ON THRU (TYP)
TRR	PHONE RECEIVER
CTR	CONTACT
TO	TIME OPENING
PSF	POWER SUPPLY FAN
XPI	EXPLOSION-PROOF
GFI	GROUND FAULT INTERRUPTING BREAKER

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 2109 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.



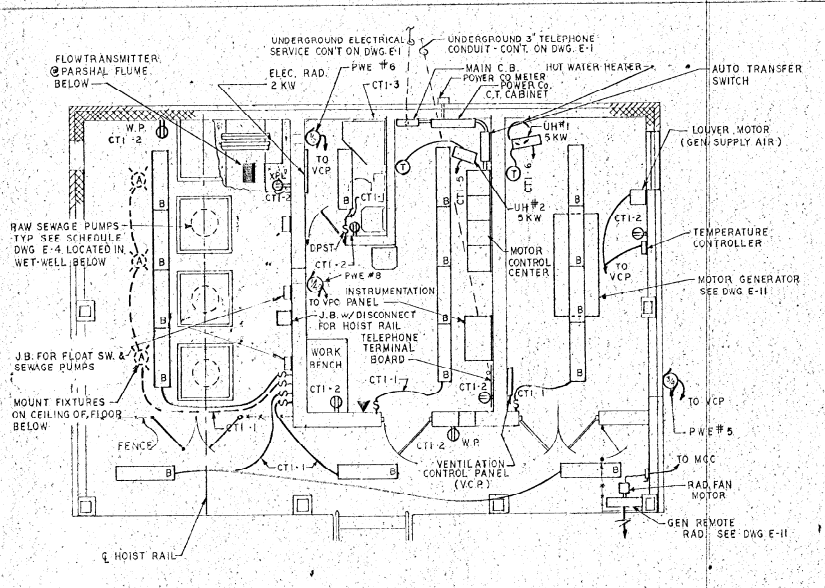
**SERVICE ENTRANCE & MOTOR CONTROL CENTER ELEV.**

SHEPARD POINT, MUSKRAT BAY & LONG POINT  
 SEE SCHEDULE DWG. E-4 FOR SPECS OF EQUIPMENT, WIRING & ETC.  
 \* REQUIRED FOR LONG POINT PUMP STATION ONLY

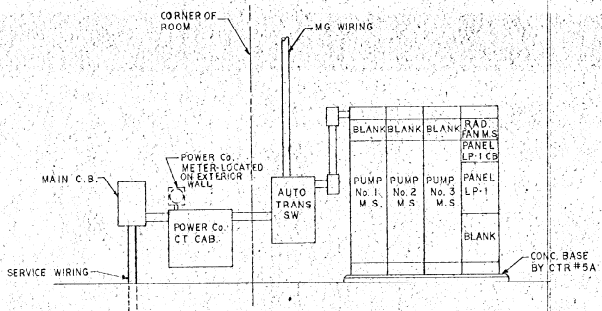
\* \* NOT REQUIRED FOR LONG POINT PUMP STATION. PROVIDE BLANK SECTION.

IN CHARGE OF: S.C.M.  
 DESIGNED BY: S.A.K.  
 DRAWN BY: R.J.C.  
 CHECKED BY: S.J.J.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>FLOOR PLAN &amp; DETAILS</b>	
SHEPARD POINT, MUSKRAT BAY & LONG POINT ELECTRICAL	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUIGIO CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCTOBER 3/75 SCALE: 1/4" = 1'-0" FILE NO.: 55-18-17F
REVISIONS	E-2



**FLOOR PLAN**  
 Scale: 1/4" = 1'-0"  
 SOUTH BAY, MAPLE BAY & HARBOUR VILLAGE

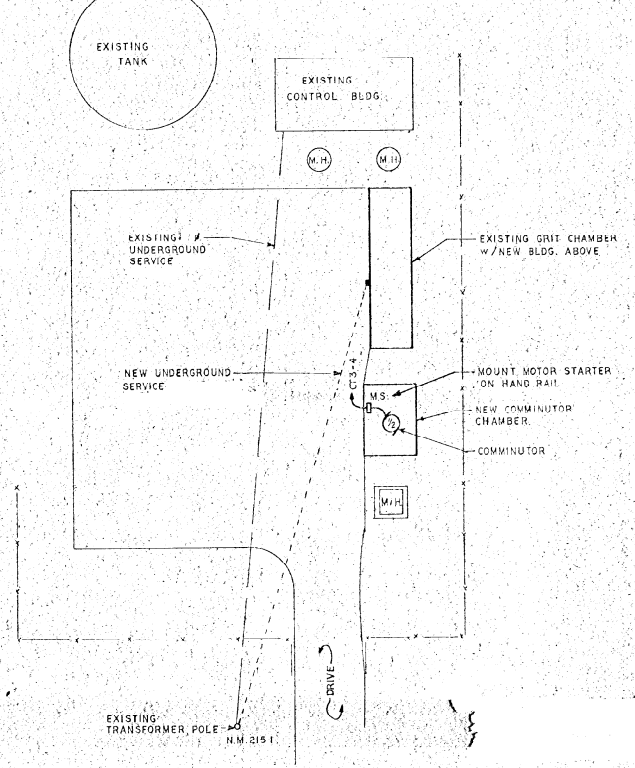


**SERVICE ENTRANCE & MOTOR CONTROL CENTER ELEV.**

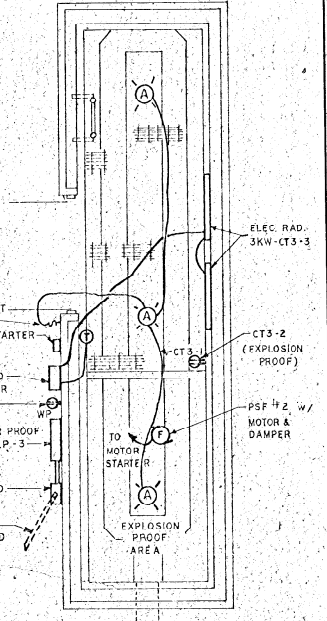
SOUTH BAY, MAPLE BAY & HARBOUR VILLAGE  
 SEE SCHEDULE DWG. E-4, FOR SIZES & SPEC'S OF EQUIPMENT, WIRING, ETC.

IN CHARGE OF: D.C.M.  
 DESIGNED BY: R.A.K.  
 DRAWN BY: R.J.C.  
 CHECKED BY: [Signature]

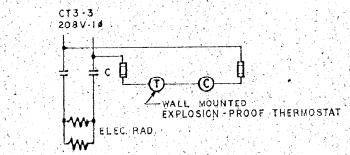
**REVISIONS TO ONEIDA PARK**



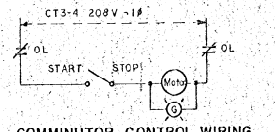
**SITE PLAN**  
 Scale: 1" = 10'-0"  
 ONEIDA PARK TREATMENT PLANT



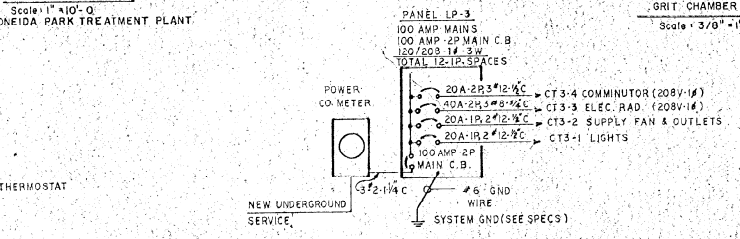
**FLOOR PLAN**  
 Scale: 3/8" = 1'-0"  
 GRIT CHAMBER BLDG.



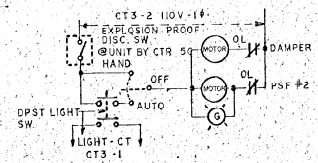
**ELEC. RADIATION CONTROL WIRING**  
 CONTACTOR (C) 40 AMP-2P, NEMA 4 ENCL., 2-POLE 10 AMP FUSES



**COMMUNATOR CONTROL WIRING**  
 MANUAL STARTER, NEMA 4 ENCL., START-STOP SWITCH, PILOT LIGHT, OVERLOAD PROTECTION



**ONE LINE POWER DIAGRAM**  
 PANEL LP-3 TO BE WEATHERPROOF WITH WEATHERPROOF CONDUIT HUBS, DOOR BACK OF DOOR TYPE.



**SUPPLY FAN CONTROL WIRING**  
 MANUAL STARTERS, NEMA 4 ENCL., HOA SWITCH, PILOT LIGHT & OVERLOAD PROTECTION

ONONAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION  
**FLOOR PLANS & DETAILS**  
 SOUTH BAY, MAPLE BAY & HARBOUR VILLAGE  
 REVISIONS TO ONEIDA PARK  
**ELECTRICAL**

TOWN OF CICERO ONONAGA CO., N.Y.

BARTON, BROWN, CLYDE & LOGUICIDE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 NORTH SYRACUSE, NEW YORK

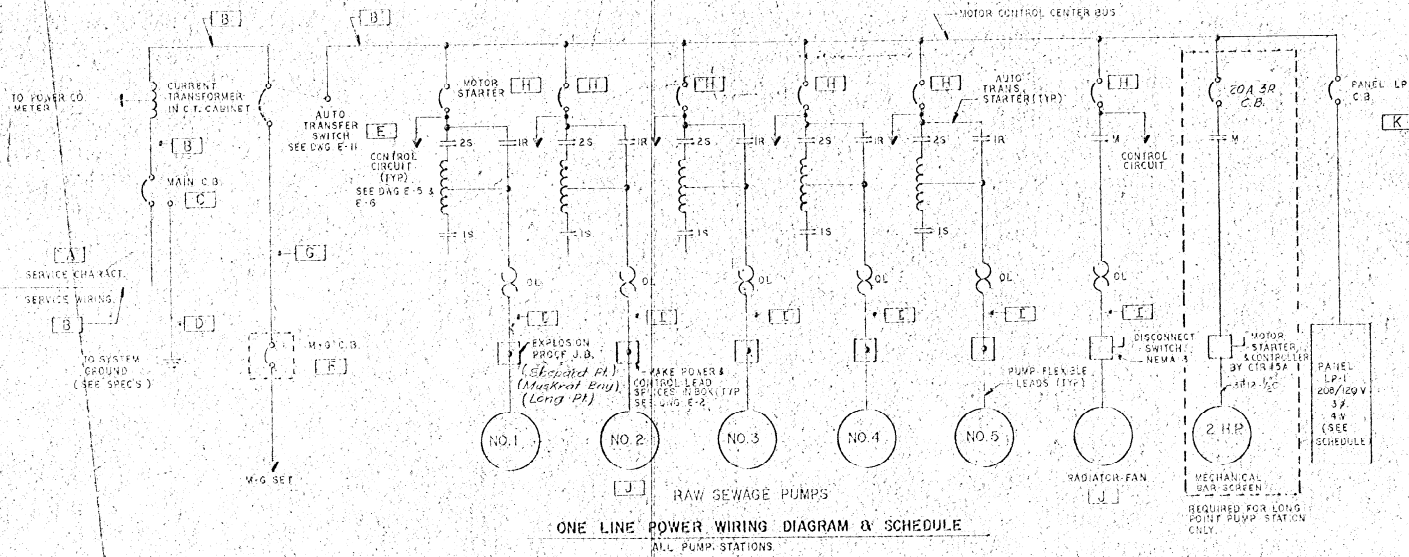
DATE: OCTOBER 1975  
 SCALE: AS SHOWN  
 FILE NO: 55478-6F

REVISIONS

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 208 FOR DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.



PUMP STATION	SERVICE CHARACTER			MAIN C.B.			SYS. GND.			AUTO TRANS. SW.			M.G. C.B.			M.G. WIRING			PUMP NO. 1			PUMP NO. 2			PUMP NO. 3			PUMP NO. 4			PUMP NO. 5			RADIATOR FAN													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK										
SHEPARD PT.	200/120V-3P-4W-600 AMP	2-SETS-3# 350 MCM IN 2-4" C	800 AMP-1P-SN	3/0	800 AMP	600 AMP-2P-SN	2-SETS-350 MCM IN 2-4" C	3	3# 2	NOT RECD	1# 0	1" C	18	3	3# 2	NOT RECD	1# 0	1" C	18	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	1	3# 12	3" C	200 AMP-3P
MUSKRAT BAY	208/120V-3P-4W-600 AMP	2-SETS-3# 350 MCM IN 2-4" C	800 AMP-3P-SN	3/0	800 AMP	600 AMP-3P-SN	2-SETS-350 MCM IN 2-4" C	4	3# 2	2# 12	1# 0	1 1/2" C	23	4	3# 2	2# 12	1# 0	1 1/2" C	23	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	1	3# 12	3" C	200 AMP-3P						
LONG POINT	208/120V-3P-4W-600 AMP	2-SETS-3# 350 MCM IN 2-4" C	800 AMP-3P-SN	3/0	800 AMP	600 AMP-2P-SN	2-SETS-350 MCM IN 2-4" C	4	3# 2	2# 12	1# 0	1 1/2" C	23	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	NO	REQUIRED	1	3# 12	3" C	100 AMP-3P				
SOUTH BAY	208/120V-3P-4W-600 AMP	2-SETS-3# 350 MCM IN 2-4" C	800 AMP-3P-SN	3/0	800 AMP	600 AMP-2P-SN	2-SETS-350 MCM IN 2-4" C	4	3# 2	2# 12	1# 0	1 1/2" C	23	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	NO	REQUIRED	1	3# 12	3" C	100 AMP-3P				
MAPLE BAY	208/120V-3P-4W-600 AMP	2-SETS-3# 350 MCM IN 2-4" C	800 AMP-3P-SN	3/0	800 AMP	600 AMP-2P-SN	2-SETS-350 MCM IN 2-4" C	4	3# 2	2# 12	1# 0	1 1/2" C	23	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	NO	REQUIRED	1	3# 12	3" C	100 AMP-3P				
HARBOUR VILLAGE	208/120V-3P-4W-600 AMP	2-SETS-3# 350 MCM IN 2-4" C	800 AMP-3P-SN	3/0	800 AMP	600 AMP-2P-SN	2-SETS-350 MCM IN 2-4" C	4	3# 2	2# 12	1# 0	1 1/2" C	23	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	4	3# 2	2# 12	1# 0	1 1/2" C	29	NO	REQUIRED	1	3# 12	3" C	100 AMP-3P				



SHEPARD POINT-MUSKRAT BAY - LONG POINT

PANEL LP-1

CHARACTERISTICS: 208/120V-3P-4W LOCATION: IN MCC  
 MAIN BUS: 200 AMP TOTAL: 1P SPACES 42

CT. NO.	ITEM SERVED	BREAKER AMPS	POLES	BRANCH CT.	REMARKS
CTI-1	LIGHTS- OFFICE GEN. RM.	20	1P	2#12-1/2" C	
CTI-2	LIGHTS-SCREEN RM.	20	1P	2#12-1/2" C	
CTI-3	LIGHTS-BASEMENT	20	1P	2#12-1/2" C	
CTI-4	OUTLETS	20	1P	2#12-1/2" C	GFI BREAKER
CTI-5	ELEC. RAD - LAV	20	2P	2#12-1/2" C	208V-1P
CTI-6	HOT WATER HEATER	20	1P	2#12-1/2" C	
CTI-7	PWE #3 & PWE #2 @ VCP	20	3P	3#12-1/2" C	208V-3P SEE DWG E-7
CTI-8	H & V CONTROL	20	1P	2#12-1/2" C	SEE DWG E-7, E-8
CTI-9	INSTRUMENTATION CONT.	15	1P	3#12-1/2" C	SEE DWG E-8
CTI-10	PUMP CONTROL	20	1P	2#12-1/2" C	SEE DWG E-9, E-6
CTI-11	ELEC. HOIST	20	3P	3#12-1/2" C	208V-3P
CTI-12	UH #1	30	3P	3#10-1/2" C	208V-3P SEE DWG E-8
CTI-13	ELEC. RAD-SCREEN RM.	40	2P	2#8-3/4" C	208V-1P SEE DWG E-8
CTI-14	ELEC. RAD-SCREEN RM.	40	2P	2#8-3/4" C	208V-1P SEE DWG E-8
CTI-15	ELEC. RAD-BASEMENT	40	2P	2#8-3/4" C	208V-1P SEE DWG E-8
CTI-16	ELEC. RAD-BASEMENT	20	2P	2#12-1/2" C	208V-1P SEE DWG E-8
CTI-17	UH #2	30	3P	3#10-1/2" C	208V-3P SEE DWG E-8

SOUTH BAY - MAPLE BAY - HARBOUR VILLAGE

PANEL LP-1

CHARACTERISTICS: 208/120V-3P-4W LOCATION: IN MCC  
 MAIN BUS: 100 AMP TOTAL: 1P SPACES 30

CT. NO.	ITEM SERVED	BREAKER AMPS	POLES	BRANCH CT.	REMARKS
CTI-1	LIGHTS	20	1P	2#12-1/2" C	
CTI-2	OUTLETS	20	1P	2#12-1/2" C	GFI BREAKER
CTI-3	HOT WATER HEATER	20	1P	2#12-1/2" C	
CTI-4	ELEC. RAD - LAV	20	2P	2#12-1/2" C	208V-1P
CTI-5	UH #1	20	3P	3#12-1/2" C	208V-3P SEE DWG E-8
CTI-6	UH #2	20	3P	3#12-1/2" C	208V-3P SEE DWG E-8
CTI-7	PWE #1 & VCP	20	3P	3#12-1/2" C	208V-3P SEE DWG E-7
CTI-8	H & V CONTROL	20	1P	2#12-1/2" C	SEE DWG E-7
CTI-9	INSTRUMENTATION CONT.	15	1P	2#12-1/2" C	SEE DWG E-8
CTI-10	PUMP CONTROL	20	1P	2#12-1/2" C	SEE DWG E-9, E-6
CTI-11	ELEC. HOIST	20	3P	3#12-1/2" C	208V-3P

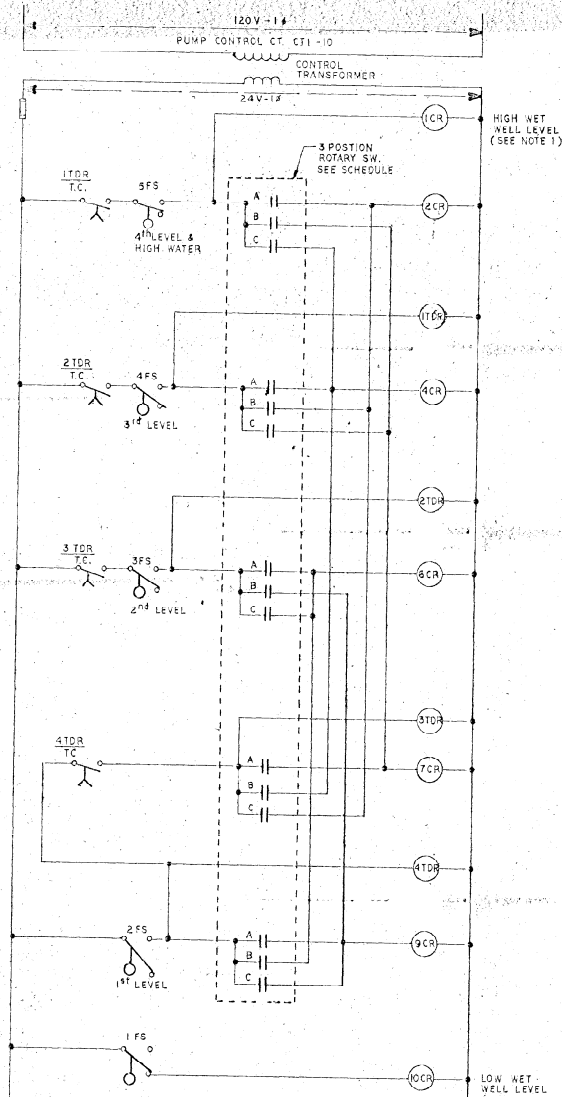
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 2008 SUB-DIVISION 5 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION

**POWER WIRING & SCHEDULES**  
 ALL PUMP STATIONS  
 ELECTRICAL

JOHN M. BROWN, CLYDE A. LOGGIORE  
 CONSULTING ELECTRICAL ENGINEERS  
 100 WEST 100TH STREET, NEW YORK, N.Y. 10025

ONONDAGA CO., N.Y.  
 DATE: OCTOBER 1975  
 SCALE: NONE  
 FILE NO: 1113 139F

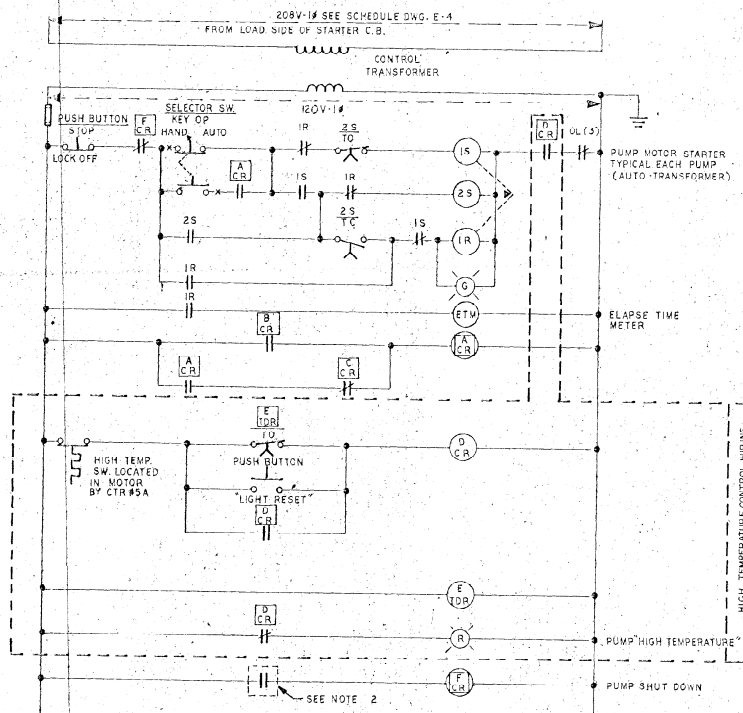


ROTARY SWITCH POSITION	ROTARY SW. CONTACTS A B C	ROTARY SWITCH LEGEND PLATE
1	X	1-3-2-4-5
2	X	2-4-1-5-3
3	X	1-5-2-3-4

X INDICATED CONTACTS ARE CLOSED IN THAT POSITION. LOCATE SW. IN DOOR OF PUMP NO. 1 MOTOR STARTER.

**PUMP SELECTION & FLOAT SWITCH WIRING DIAGRAM:**  
SHEPARD POINT - MUSKRAT BAY  
ALL FLOAT SWITCHES (1FS THRU 5FS) ARE LOCATED IN WET WELL, AND PROVIDED FOR BY CIR #5A.

IN CHARGE OF D. C. M.  
DESIGNED BY R. A. K.  
DRAWN BY: R. J. C.  
CHECKED BY: J. J. H.



**TYPICAL PUMP CONTROL WIRING DIAGRAM**

SEE SCHEDULE BELOW

PUMP NO.	RELAY A CR	CONTACT B CR	CONTACT C CR	RELAY D CR	RELAY E TDR	RELAY F CR
1	11 CR	9 CR	10 CR	16 CR	5 TDR	21 CR
2	12 CR	8 CR	10 CR	17 CR	6 TDR	22 CR
3	13 CR	7 CR	10 CR	18 CR	7 TDR	23 CR
4	14 CR	4 CR	10 CR	19 CR	8 TDR	24 CR
5	15 CR	2 CR	10 CR	20 CR	9 TDR	25 CR

**TYPICAL PUMP CONTROL WIRING SCHEDULE**

SHEPARD POINT - MUSKRAT BAY (SEE NOTE II BELOW)  
\* NOT REQUIRED FOR SHEPARD POINT

PUMP NO.	RELAY A CR	CONTACT B CR	CONTACT C CR	RELAY F CR
1	57 CR	55 CR	56 CR	60 CR
2	58 CR	53 CR	58 CR	61 CR
3	59 CR	51 CR	52 CR	62 CR

**TYPICAL PUMP CONTROL WIRING SCHEDULE**

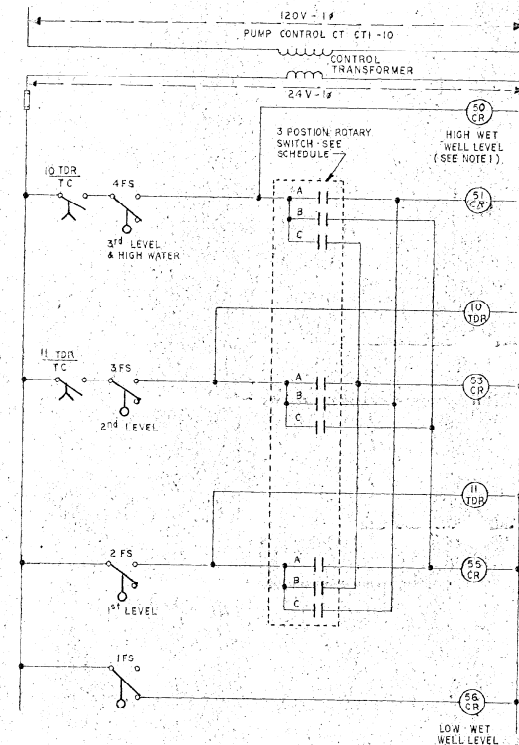
HARBOUR VILLAGE (SEE NOTE II BELOW)

NOTES:

- NUMBERS 1CR THRU 10CR, 1TDR THRU 10TDR ARE REQUIRED FOR SHEPARD POINT & MUSKRAT BAY.
- NUMBERS 50CR THRU 62CR, 10TDR & 11TDR ARE REQUIRED FOR HARBOUR VILLAGE.

NOTES:

- HIGH WET WELL LEVEL RELAY HAS TWO (2) N.C. CONTACTS (1) FOR ANNUN. PANEL (DWG. E-9 & E-10) AND (1) FOR TONE TRANS. (DWG. E-9 & E-10).
- N.O. CONTACT FROM MARK RELAY ON TONE REC. FOR ALL PUMPS SHUT DOWN. (DWG. E-9 & E-10)
- PB., S.S., PL., ETM, SHALL BE LOCATED IN THEIR RESPECTIVE M.S. DOORS. C.R. & TDR, MAY BE LOCATED IN THE BLANK SPACES OF MCC, INSTRUMENTATION PANEL, OR IN M.S. CUBICLES UNLESS OTHERWISE NOTED.



ROTARY SWITCH POSITION	ROTARY SW. CONTACTS A B C	ROTARY SWITCH LEGEND PLATE
1	X	1-2-3
2	X	2-3-1
3	X	3-1-2

X INDICATED CONTACTS ARE CLOSED IN THAT POSITION. LOCATE SW. IN DOOR OF PUMP NO. 1 MOTOR STARTER

**PUMP SELECTION & FLOAT SWITCH WIRING DIAGRAM**

HARBOUR VILLAGE  
ALL FLOAT SWITCHES (1FS THRU 4FS) ARE LOCATED IN WET WELL AND PROVIDED BY CIR #5A.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION  
**RAW SEWAGE PUMP CONTROL WIRING**  
SHEPARD POINT, MUSKRAT BAY & HARBOUR VILLAGE  
ELECTRICAL

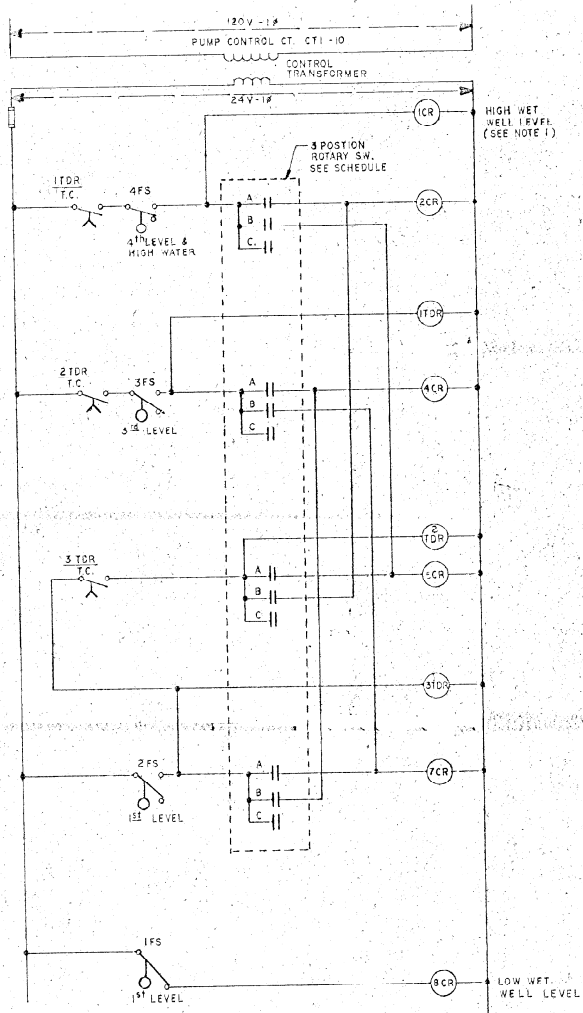
TOWN OF CICERO ONONDAGA CO., N.Y.

BARTON, BROWN, CLYDE & LOGUICCO  
CONSULTING ENGINEERS & LAND SURVEYORS  
100 N. AVENUE 10, NEW YORK, N.Y.

DATE: 11/15/67 975  
SCALE: NONE  
FILE NO: 55-38-107

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 2208 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

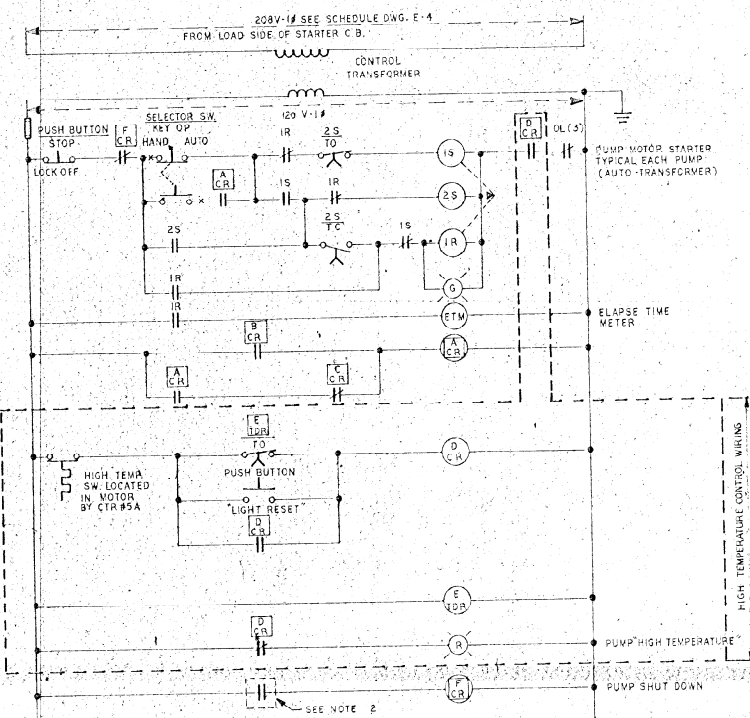




ROTARY SWITCH POSITION	ROTARY SW CONTACTS			ROTARY SWITCH LEGEND PLATE
	A	B	C	
1	X			1-2-3-4
2		X		3-4-1-2
3			X	NOT USED

**PUMP SELECTION & FLOAT SWITCH WIRING DIAGRAM**  
 LONG POINT  
 ALL FLOAT SWITCHES (1FS THRU 4FS) ARE LOCATED IN WET WELL, AND PROVIDED FOR BY CTR #5A

IN CHARGE OF D. C. M.  
 DESIGNED BY R. A. K.  
 DRAWN BY R. J. C.  
 CHECKED BY [Signature]



**TYPICAL PUMP CONTROL WIRING DIAGRAM**

SEE SCHEDULE BELOW

PUMP NO.	RELAY			RELAY		
	A C.R.	B C.R.	C C.R.	D C.R.	E TDR	F C.R.
1	9 CR	7 CR	8 CR	13 CR	4 TDR	17 CR
2	10 CR	5 CR	8 CR	14 CR	5 TDR	18 CR
3	11 CR	4 CR	9 CR	15 CR	6 TDR	19 CR
4	12 CR	2 CR	9 CR	16 CR	7 TDR	20 CR

**TYPICAL PUMP CONTROL WIRING SCHEDULE**  
 LONG POINT (SEE NOTE I)

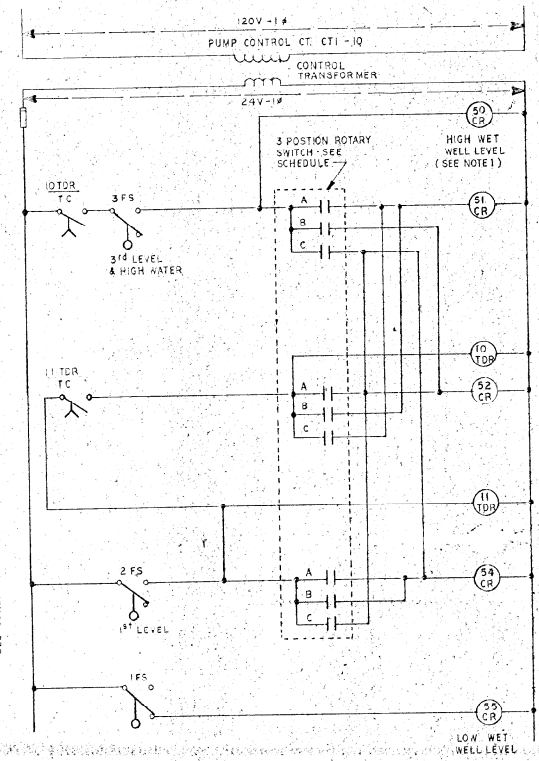
PUMP NO.	RELAY			RELAY		
	A C.R.	B C.R.	C C.R.	D C.R.	E TDR	F C.R.
1	56 CR	21 CR	55 CR	59 CR	12 TDR	62 CR
2	57 CR	52 CR	55 CR	60 CR	13 TDR	63 CR
3	58 CR	51 CR	55 CR	61 CR	14 TDR	64 CR

**TYPICAL PUMP CONTROL WIRING SCHEDULE**  
 SOUTH BAY - MAPLE BAY (SEE NOTE II)

X NOT REQUIRED FOR PUMPS AT MAPLE BAY.

**NOTES**

- I.) NUMBERS 1-4 THRU 20 CR & 1 TDR THRU 7 TDR ARE REQUIRED FOR LONG POINT.
- II.) NUMBERS 50 CR THRU 64 CR & 10 TDR THRU 14 TDR ARE REQUIRED FOR SOUTH BAY AND MAPLE BAY.



**PUMP SELECTION & FLOAT SWITCH WIRING DIAGRAM**

SOUTH BAY - MAPLE BAY  
 ALL FLOAT SWITCHES (1FS THRU 3FS) ARE LOCATED IN WET WELL AND PROVIDED BY CTR #5A

ROTARY SWITCH POSITION	ROTARY SW CONTACTS			ROTARY SWITCH LEGEND PLATE
	A	B	C	
1	X			1B2-3
2		X		1A3-2
3			X	2A3-1

X INDICATED CONTACTS ARE CLOSED IN THAT POSITION. LOCATE SW. IN DOOR OF PUMP NO. 1 MOTOR STARTER

**NOTES**

- 1.) HIGH WET WELL LEVEL RELAY HAS TWO (2) N.C. CONTACTS (1) FOR ANNUN. PANEL (DWS. E-8) AND (1) FOR TONE TRANS. (DWS. E-9 & E-10).
- 2.) N.O. CONTACT FROM "MARK RELAY ON TONE REC. FOR ALL PUMPS SHUT DOWN" (DWS. E-9 & E-10)
- 3.) P.B., S.S., P.I., E.T.M. SHALL BE LOCATED IN THEIR RESPECTIVE M.S. DOORS. C.R. & T.D.R. MAY BE LOCATED IN THE BLANK SPACES OF MCC, INSTRUMENTATION PANEL OR IN M.S. CUBICLES UNLESS OTHERWISE NOTED.

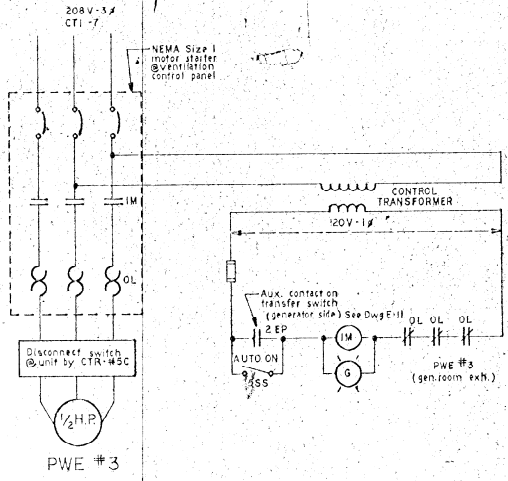
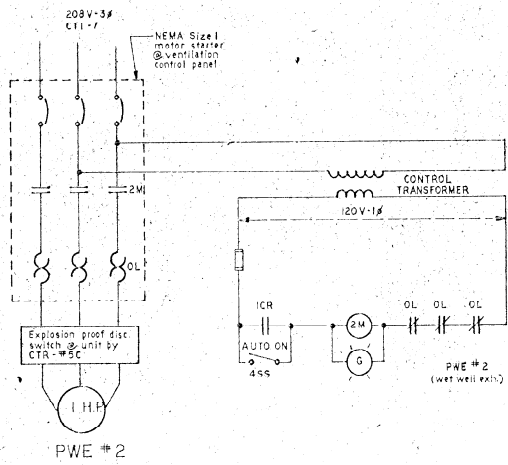
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION  
**RAW SEWAGE PUMP CONTROL WIRING**  
 LONG POINT, SOUTH BAY & MAPLE BAY  
 ELECTRICAL

TOWN OF CICERO ONONDAGA CO., N.Y.

BARTON, BROWN, CLYDE & LOGUIDICE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 NORTH ST. FRANCIS, NEW YORK, N.Y.

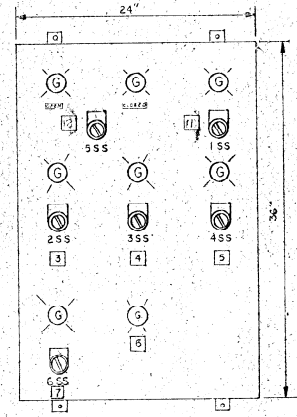
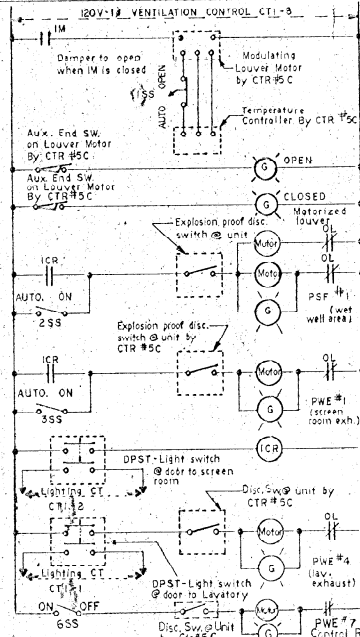
DATE: OCTOBER 1972  
 SCALE: NONE  
 FILE NO: 55-28-4-F

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 709 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

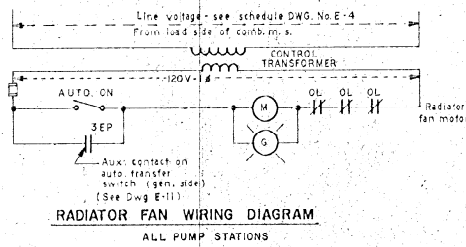


**VENTILATION CONTROL WIRING DIAGRAM**

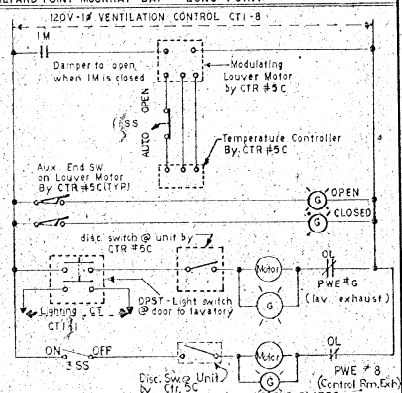
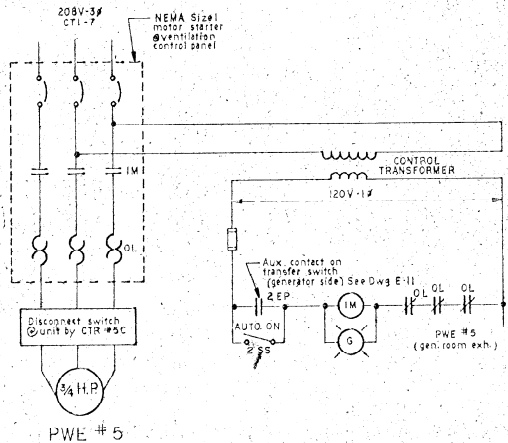
SHEPARD POINT - MUSKRAT BAY - LONG POINT  
 All Motor Starters, Pilot Lights, Selector Switches, Relays, etc. to be located at the Ventilation Control Panel, Unless otherwise noted.



- LEGEND PLATES**
- 1 GENERATOR ROOM LOUVER DAMPER
  - 2 PWE #3 GENERATOR ROOM EXHAUSTER
  - 3 WEL WELL SUPPLY AIR PSF #1
  - 4 PWE #1 SCREEN ROOM EXHAUSTER
  - 5 PWE #2 WET WELL EXHAUSTER
  - 6 PWE #4 LAVATORY EXHAUSTER
  - 7 PWE #7 CONTROL RM EXHAUSTER



**RADIATOR FAN WIRING DIAGRAM**  
 ALL PUMP STATIONS



- LEGEND PLATES**
- 1 GENERATOR ROOM LOUVER DAMPER
  - 2 PWE #5 GENERATOR ROOM EXHAUSTER
  - 3 PWE #6 LAVATORY EXHAUSTER
  - 4 PWE #8 CONTROL RM EXHAUSTER

**VENTILATION CONTROL WIRING DIAGRAM & CONTROL PANEL**

SOUTH BAY - MAPLE BAY - HARBOUR VILLAGE  
 All Motor Starters, Pilot Lights, Selector Switches, Relays, etc. to be located at the Ventilation Control Panel, Unless otherwise noted.

IN CHARGE OF: D. C. M.  
 DESIGNED BY: R. A. K.  
 DRAWN BY: A. J. C.  
 CHECKED BY:

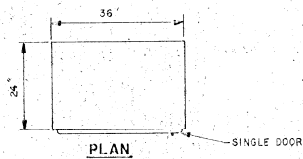
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION

**MISCELLANEOUS CONTROL WIRING ELECTRICAL**

TOWN OF CICERO ONONDAGA CO., N.Y.

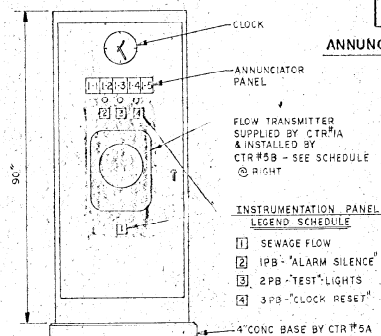
BARTON, BROWN, CLYDE & LOUDICKE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK

DATE: OCTOBER 1975  
 SCALE: NONE  
 FILE NO: 55-18-42-F



ANNUNCIATOR LOCATION	POINT 1-2 LEGEND
SHEPARD POINT	ALL SEWAGE PUMPS OFF AT BREWERTON
MUSKRAT BAY	ALL SEWAGE PUMPS OFF AT SHEPARD PT.
LONG POINT	ALL SEWAGE PUMPS OFF AT MUSKRAT BAY
SOUTH BAY	ALL SEWAGE PUMPS OFF AT LONG POINT
MAPLE BAY	ALL SEWAGE PUMPS OFF AT SOUTH BAY
HARBOUR VILLAGE	ALL SEWAGE PUMPS OFF AT MAPLE BAY

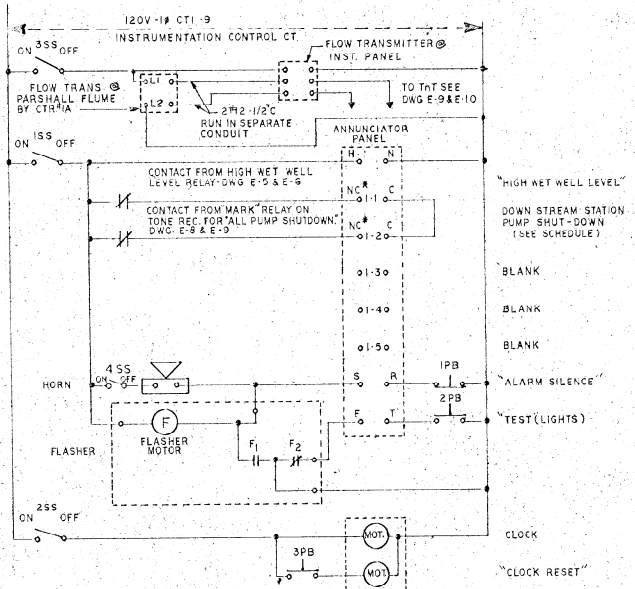
**ANNUNCIATOR SCHEDULE POINT 1-2**  
ALL PUMP STATIONS



**ELEVATION**  
**INSTRUMENTATION PANEL**  
SCALE: 3/4" = 1'-0"

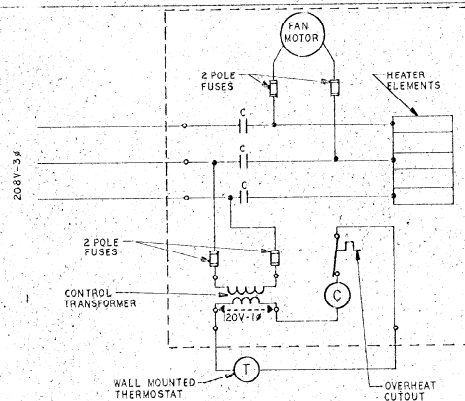
- INSTRUMENTATION PANEL LEGEND SCHEDULE**
- 1] SEWAGE FLOW
  - 2] 1PB - "ALARM SILENCE"
  - 3] 2PB - "TEST" LIGHTS
  - 4] 3PB - "CLOCK RESET"

**NOTES**  
1. ALARM TRANSMISSION EQUIPMENT (TONE EQUIP) TO BE LOCATED INSIDE PANEL. SUPPLIED BY CTR #7A AND INSTALLED BY CTR #5B-DWG. NO. E-9 & E-10

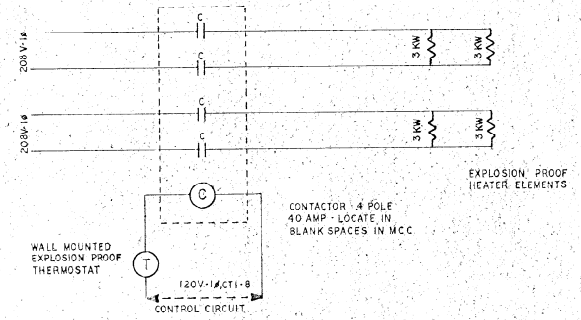


**ANNUNCIATOR PANEL & CLOCK WIRING DIAGRAM**  
ALL PUMP STATIONS

**NOTES:**  
1] \* REFERS TO CONTACT CONDITIONS DURING NORMAL OPERATION.  
2] 1 THRU 493 FOSSELE SWITCHES ARE LOCATED INSIDE INSTRUMENTATION PANEL.  
3] TERMINAL DESIGNATIONS REFER TO THE SPECIFIED MFG'S IDENTIFICATION.



**UH #1 & UH #2 WIRING DIAGRAM**  
ALL PUMP STATIONS



**ELECTRIC RADIATION WIRING DIAGRAM**  
SHEPARD POINT MUSKRAT BAY LONG POINT

FLOW TRANSMITTER IDENTIFICATION SCHEDULE	
STATION	EQUIPMENT TAG NO.
SHEPARD POINT	FIT-1156-1
MUSKRAT BAY	FIT-1256-1
LONG POINT	FIT-1356-1
SOUTH BAY	FIT-1456-1
MAPLE BAY	FIT-1556-1
HARBOUR VILLAGE	FIT-1656-1

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION

**INSTRUMENTATION PANEL & MISC. CONTROL WIRING**  
ALL PUMP STATIONS  
**ELECTRICAL**

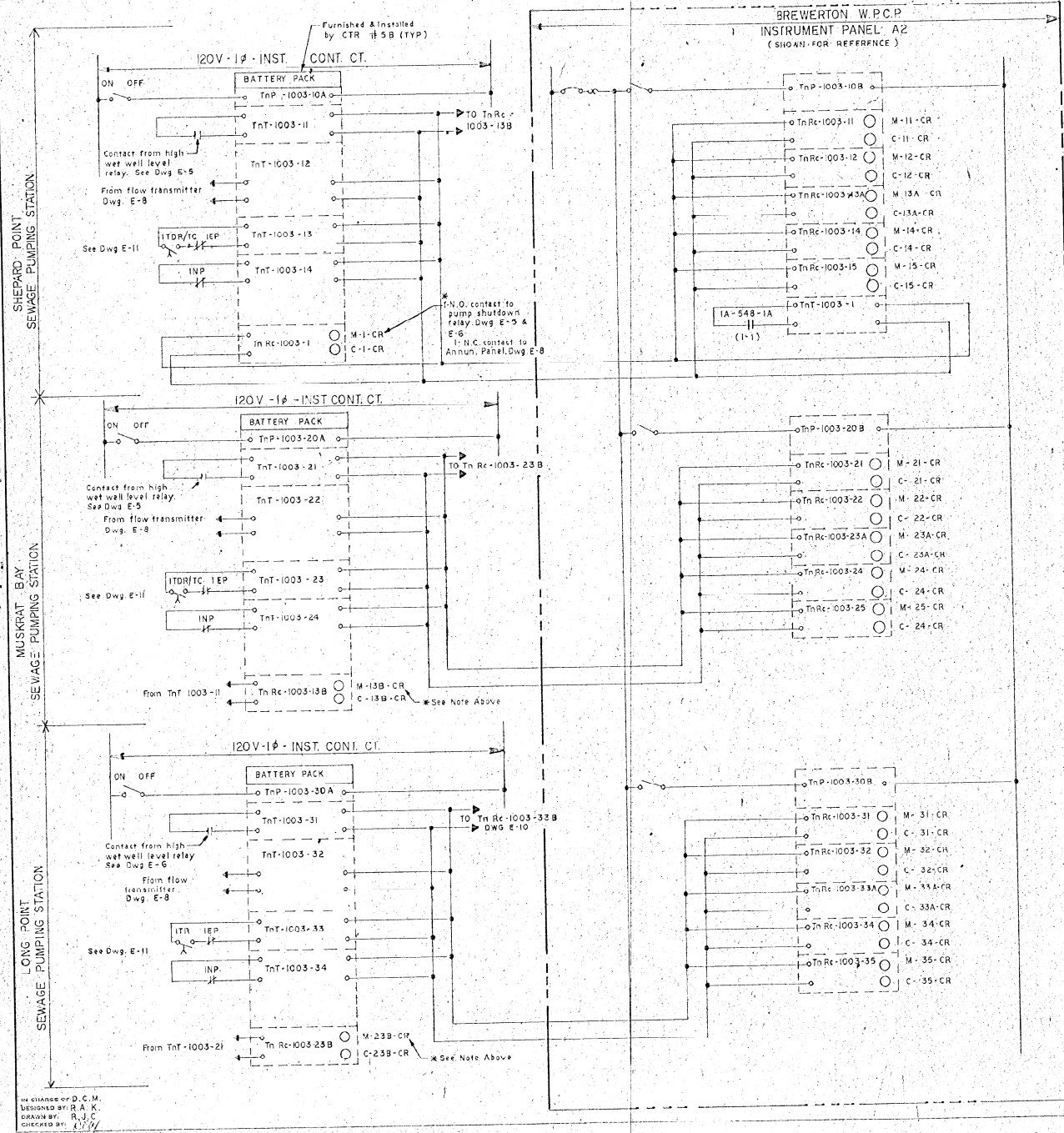
TOWN OF CICERO ONONDAGA CO., N.Y.

BARTON, BROWN, CLYDE & LOGUIDICE  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK

DATE: OCTOBER 1975  
SCALE: NONE  
FILE NO.: 55438-45F

REVISIONS

E-8



AUDIO TONE SIGNAL SCHEDULE SYSTEM-1003							
SERVICE	ITEM NO.	DESCRIPTION	PANEL LOCATION	BACK LOCATION	REMARKS	NOTES	
SHEPARD POINT PUMPING STATION	TnP-1003-10A	POWER SUPPLY	P-1			1	
	TnP-1003-10B			A-2		2	
	TnT-1003-11	TRANSMITTER	P-1			1	
	TnRc-1003-11	RECEIVER		A-2		2	
	TnT-1003-12	TRANSMITTER	P-1			1	
	TnRc-1003-12	RECEIVER		A-2		2	
	TnT-1003-13	TRANSMITTER	P-1			1	
	TnRc-1003-13A	RECEIVER		A-2		2	
	TnT-1003-14	TRANSMITTER	P-1			1	
	TnRc-1003-14	RECEIVER		A-2		2	
	TnRc-1003-1	RECEIVER	P-1			1	
	TnT-1003-1	TRANSMITTER		A-2		2	
	MUSKRAT BAY PUMPING STATION	TnP-1003-20A	POWER SUPPLY	P-2			1
		TnP-1003-20B			A-2		2
		TnT-1003-21	TRANSMITTER	P-2			1
TnRc-1003-21		RECEIVER		A-2		2	
TnT-1003-22		TRANSMITTER	P-2			1	
TnRc-1003-22		RECEIVER		A-2		2	
TnT-1003-23		TRANSMITTER	P-2			1	
TnRc-1003-23A		RECEIVER		A-2		2	
TnT-1003-24		TRANSMITTER	P-2			1	
TnRc-1003-24		RECEIVER		A-2		2	
TnRc-1003-13B		RECEIVER	P-2			1	
LONG POINT PUMPING STATION		TnP-1003-30A	POWER SUPPLY	P-3			1
		TnP-1003-30B			A-2		2
		TnT-1003-31	TRANSMITTER	P-3			1
		TnRc-1003-31	RECEIVER		A-2		2
	TnT-1003-32	TRANSMITTER	P-3			1	
	TnRc-1003-32	RECEIVER		A-2		2	
	TnT-1003-33	TRANSMITTER	P-3			1	
	TnRc-1003-33A	RECEIVER		A-2		2	
	TnT-1003-34	TRANSMITTER	P-3			1	
	TnRc-1003-34	RECEIVER		A-2		2	
	TnRc-1003-23B	RECEIVER	P-3			1	

- NOTES:
- SUPPLIED BY CTR #1A AND INSTALLED BY CTR #5B.
  - SUPPLIED BY AND INSTALLED BY CTR #1A.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION

**AUDIO/TONE CONTROL WIRING**  
SHEPARD POINT, MUSKRAT BAY & LONG POINT

**ELECTRICAL**

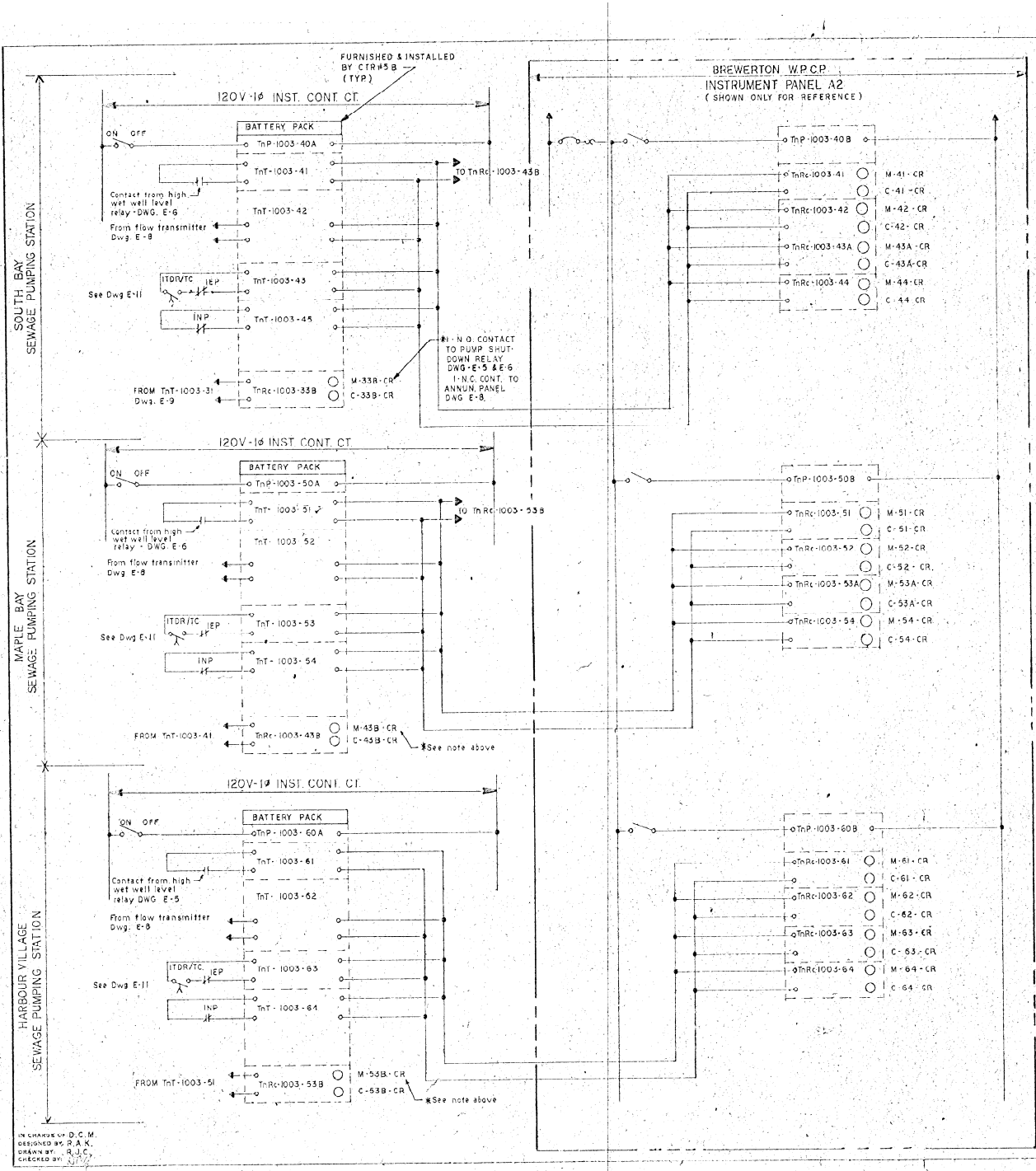
TOWN OF CICERO      ONONDAGA CO., N.Y.

HARTON, BROWN, CLYDE & LOGUIDICE  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH SYRACUSE, NEW YORK

DATE: 11-1-75  
SCALE: NONE  
FILE NO: 92,10-41

IN CLASS OF D. C. M.  
DESIGNED BY R. A. K.  
DRAWN BY R. J. C.  
CHECKED BY: [Signature]

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 723 SUB-DIVISION 3 OF THE NEW YORK STATE EDUCATION LAW.



AUDIO/TONE SIGNAL SCHEDULE - SYSTEM - 1003						
SERVICE	ITEM NO.	DESCRIPTION	PANEL LOCATION	REMARKS	NOTES	
	TnP-1003-10A	POWER SUPPLY	P-4			1
	TnP-1003-40B		A-2			2
WET WELL HIGH LEVEL	TnT-1003-41	TRANSMITTER	P-4			1
	TnRc-1003-41	RECEIVER	A-2			2
SEWAGE FLOW	TnT-1003-42	TRANSMITTER	P-4			1
	TnRc-1003-42	RECEIVER	A-2			2
GENERATOR MALFUNCTION	TnT-1003-43	TRANSMITTER	P-4			1
	TnRc-1003-43A	RECEIVER	A-2			2
NORMAL POWER SUPPLY FAILURE	TnT-1003-44	TRANSMITTER	P-4			1
	TnRc-1003-44	RECEIVER	A-2			2
ALL SEWAGE PUMPS OFF AT LONG POINT	TnRc-1003-33B	RECEIVER	P-4			1
	TnP-1003-50A	POWER SUPPLY	P-5			1
	TnP-1003-50A		A-2			2
WET WELL HIGH LEVEL	TnT-1003-51	TRANSMITTER	P-5			1
	TnRc-1003-51	RECEIVER	A-2			2
SEWAGE FLOW	TnT-1003-52	TRANSMITTER	P-5			1
	TnRc-1003-52	RECEIVER	A-2			2
GENERATOR MALFUNCTION	TnT-1003-53	TRANSMITTER	P-5			1
	TnRc-1003-53A	RECEIVER	A-2			2
NORMAL POWER SUPPLY FAILURE	TnT-1003-54	TRANSMITTER	P-5			1
	TnRc-1003-54	RECEIVER	A-2			2
ALL SEWAGE PUMPS OFF AT SOUTH BAY	TnRc-1003-43B	RECEIVER	P-5			1
	TnP-1003-60A	POWER SUPPLY	P-6			1
	TnP-1003-60B		A-2			2
WET WELL HIGH LEVEL	TnT-1003-61	TRANSMITTER	P-6			1
	TnRc-1003-61	RECEIVER	A-2			2
SEWAGE FLOW	TnT-1003-62	TRANSMITTER	P-6			1
	TnRc-1003-62	RECEIVER	A-2			2
GENERATOR MALFUNCTION	TnT-1003-63	TRANSMITTER	P-6			1
	TnRc-1003-63	RECEIVER	A-2			2
NORMAL POWER SUPPLY FAILURE	TnT-1003-64	TRANSMITTER	P-6			1
	TnRc-1003-64	RECEIVER	A-2			2
ALL SEWAGE PUMPS OFF AT MAPLE BAY	TnRc-1003-53B	RECEIVER	P-6			1

NOTES:  
 1) SUPPLIED BY CTR#1A AND INSTALLED BY CTR #9B  
 2) SUPPLIED AND INSTALLED BY CTR#1A.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION

**AUDIO/TONE CONTROL WIRING**  
 SOUTH BAY, MAPLE BAY & HARBOUR VILLAGE

**ELECTRICAL**

TOWN OF CICERO ONONDAGA CO. N.Y.

BARTON, BROWN, CLYDE & LOGUIDICE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 NORTH SYRACUSE, NEW YORK

DATE: OCT. 31 '75  
 SCALE: NONE  
 FILE NO.: 55-18-45

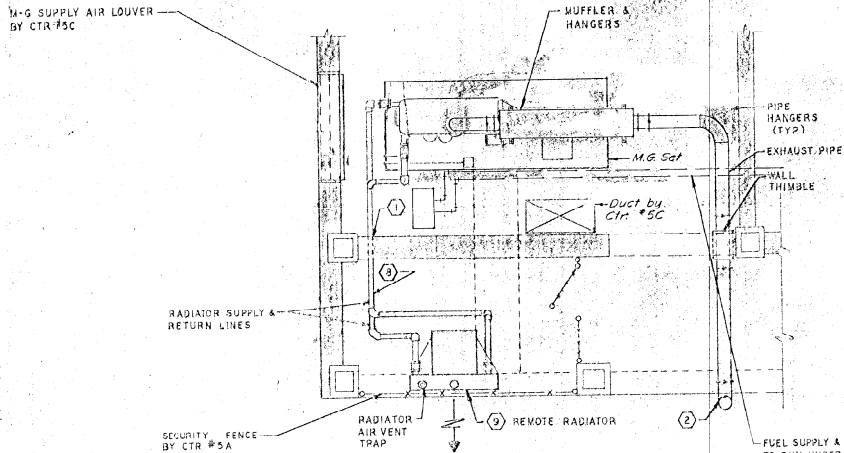
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7009 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

REVISIONS

IN CHARGE OF D.C.M.  
 DESIGNED BY R.A.K.  
 DRAWN BY R.J.C.  
 CHECKED BY

**NOTES-LEGEND**

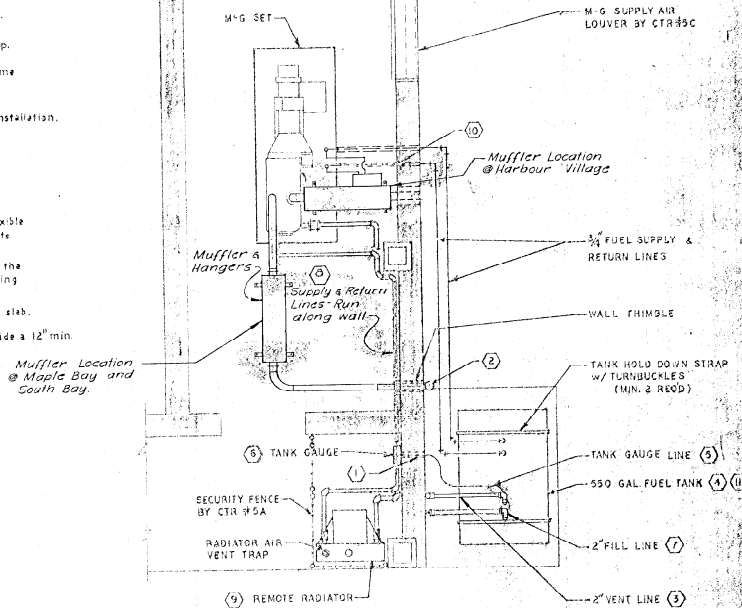
- ① Provide pipe sleeves for all pipes passing thru floor or walls. Reference spec section DS-BL 14, par 3.
- ② Exhaust flagger valve. Extend pipe 6" beyond roof line, Elbow up.
- ③ Vent line extend 10' above grade terminate with an approved flame arrester at the bldg. wall.
- ④ Fuel tank - Install on concrete pad provided by CTR #5A. Refer to structural drawings. Paint with a bituminastic coating after installation.
- ⑤ Gauge Line - Run line in protective conduit.
- ⑥ Tank Gauge - Mount 4'0" above floor.
- ⑦ Fill Line - Extend 4'0" above grade and terminate with a locking type cap, at the bldg. wall.
- ⑧ Radiator Lines - Radiator supply and return lines. Provide flexible connections at radiator and M-G and drain valves at low points in both lines.
- ⑨ Radiator - Mount radiator on a concrete pad if required so that the top of the radiators' air vent is the highest point in the cooling water system.
- ⑩ Provide 3" conduit sleeves for fuel piping below concrete floor slab.
- ⑪ Tank & piping back fill shall be sand, well compacted. Provide a 12" min. around tank & piping.



**TYPICAL MOTOR-GENERATOR PLAN**

Scale: 3/8" = 1'-0"

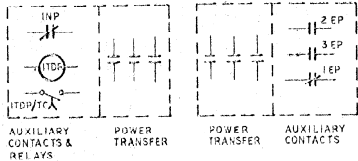
SHEPARD POINT, MUSKRAT DAY, LONG POINT  
SEE DWG'S 10, 13 & 16 FOR FUEL TANK LOCATIONS



**TYPICAL MOTOR-GENERATOR PLAN**

Scale: 3/8" = 1'-0"

SOUTH BAY, MAPLE DAY, HARBOUR VILLAGE  
SEE DWG'S 25, 27, & 29 FOR FUEL TANK LOCATIONS



**NORMAL POWER SOURCE**

INP - Normally closed contact which actuates "Normal Power Supply Failure" alarm to treatment plant. See Divg E-9 & E-10.  
LTRK - Time delay relay which actuates "Generator Malfunction" alarm to the treatment plant. See Divg E-9 & E-10.

**GENERATOR POWER SOURCE**

1EP - Normally closed contact which controls "Generator Malfunction" alarm. See Divg E-9 & E-10.  
2EP - Normally open contact which actuates Generator Room Exhauster. See Divg E-7.  
3EP - Normally open contact which actuates Radiator Fan. See Divg E-7.

**AUTOMATIC TRANSFER SWITCH AUXILIARY CONTROL WIRING**

ALL PUMP STATIONS

PUMP STATION	ALTERNATOR DATA				ENGINE DATA				RADIATOR DATA								
	GENERATOR # MODEL	TRANSFER SW. # MODEL	ELECTRICAL CHARACTERISTICS	MAX. KVA RATED V.	MAX. KW	SET KVA @ 0.3 PF	SET KW	NO. CYL	CUBIC INCH DISPL.	H.P.	MUFFLER APPROX. SIZE	DISCHARGE PIPE SIZE	MODEL #	FAN VOLT.	SUPPLY & RETURN LINE	FUEL TANK (GAL.)	
SHEPARD POINT	150-0 DYG	LTC - 900 AMP	208/120 V-3Φ-4W-60Hz	440	150	187	150	6	344	278	25" L x 22" OD	8"	DDV-60-LC	208-3Φ	3"	3	1000
MUSKRAT BAY	175-0 DYG	LTC - 900 AMP	208/120 V-3Φ-4W-60Hz	475	175	212	175	6	344	278	25" L x 22" OD	8"	DDV-75-LC	208-3Φ	3"	5	1000
LONG POINT	150-0 DYG	LTC - 900 AMP	208/120 V-3Φ-4W-60Hz	440	150	187	150	6	344	278	25" L x 22" OD	8"	DDV-60-LC	208-3Φ	3"	3	1000
SOUTH BAY	75-0 DYC	LTDU - 200 AMP	208/120 V-3Φ-4W-60Hz	204	75	93.75	75	6	426	147	20" L x 14" OD	4"	DDV-35-LC	208-3Φ	2"	1	550
MAPLE BAY	75-0 DYC	LTDU - 200 AMP	208/120 V-3Φ-4W-60Hz	204	75	93.75	75	6	426	147	20" L x 14" OD	4"	DDV-35-LC	208-3Φ	2"	1	550
HARBOUR VILLAGE	45-0 DEF	LTDU - 200 AMP	208/120 V-3Φ-4W-60Hz	130	45	56.25	45	5	352	87	16" L x 12" OD	3"	DDV-25-LC	208-3Φ	2"	1	550

MODEL NO. REFER TO EQUIP. AS NOTED IN THE SPECIFICATIONS.  
SEE SPECIFICATIONS FOR COMPLETE DETAILS

**MOTOR GENERATOR SCHEDULE**

ALL PUMP STATIONS

NO ALTERATION PERMITTED WITHOUT PERMISSION OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
DIVISION OF DRAINAGE AND SANITATION

**MOTOR GENERATOR DETAILS**  
ALL PUMP STATIONS  
ELECTRICAL

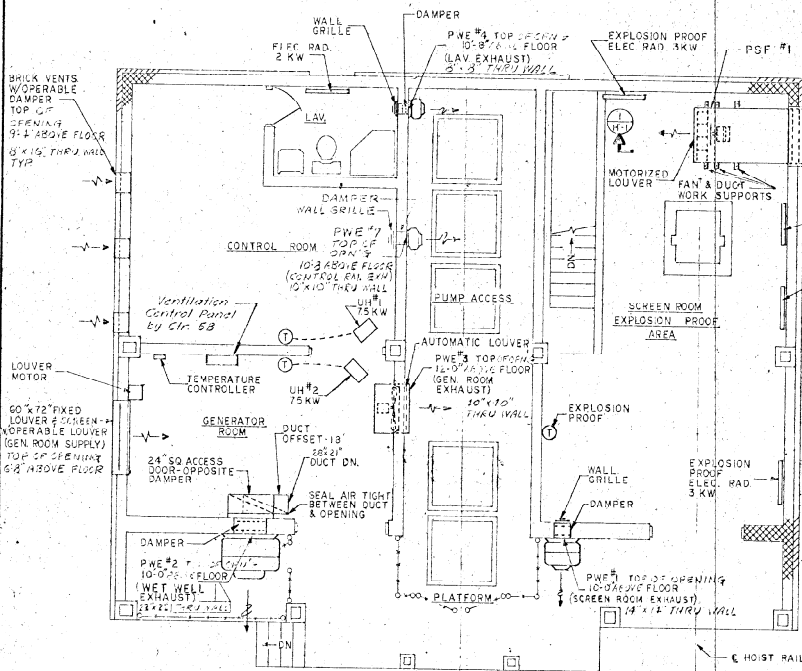
TOWN OF CICERO ONONDAGA CO., N.Y.

BAKTON, CROWE, CLYDE & LOJUDICE  
CONSULTING ENGINEERS & LAND SURVEYORS  
NORTH HYDE PARK, NEW YORK

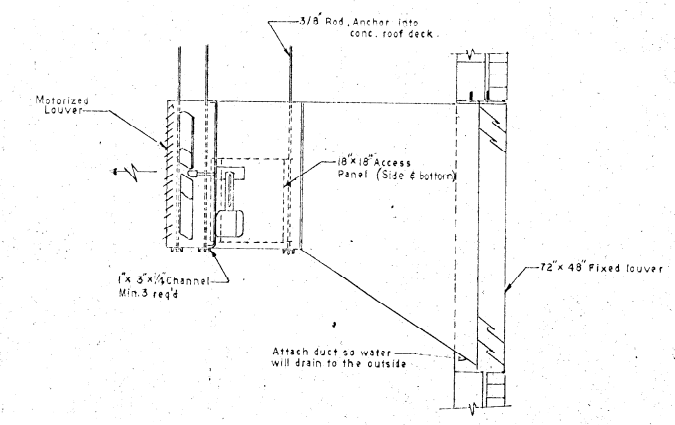
DATE: OCTOBER 1975  
SCALE: AS SHOWN  
FILE NO: 52-33-46F

BY: CHAS. G. P. D. C. M.  
DESIGNED BY: G. K.  
DRAWN BY: R. K. & R. J. C.  
CHECKED BY: R. K. & R. J. C.





**1st FLOOR PLAN**  
Scale: 1/4" = 1'-0"  
SHEPARD POINT, MUSKRAT BAY & LONG POINT

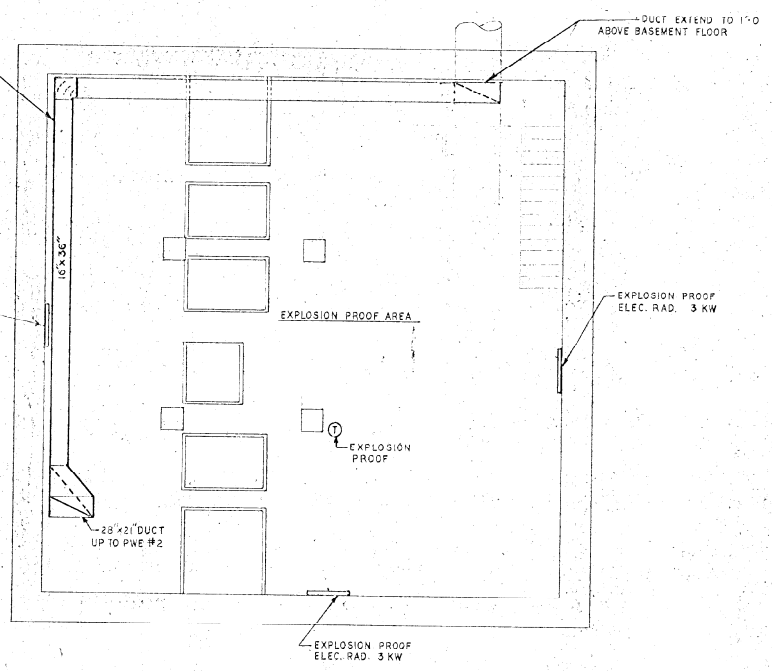


**SECTION**  
Scale: 3/4" = 1'-0"

**NOTES:**  
1. INSTALL SUPPLY AIR FAN IN DUCT DIMENSIONS OF DUCT TO MATCH FAN SUPPLIED.

IN CHARGE: D. O. M.  
DESIGNER: R. J. C.  
CHECKED BY: R. J. C.

TOP OF DUCT TO BE RUN @ ELEV. TO CLEAR THE STAIR LANDING SUPPORT FROM WALL.



**INTERMEDIATE FLOOR PLAN**  
Scale: 1/4" = 1'-0"  
SHEPARD POINT, MUSKRAT BAY & LONG POINT

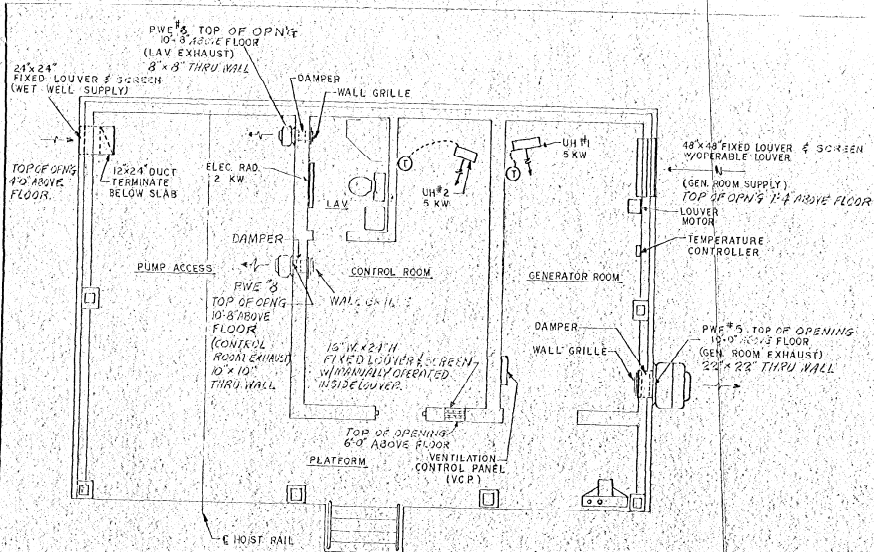
**EXHAUSTER & FAN SCHEDULE**

FAN NO.	REQ'D	SERVICE	LOCATION	TYPE	CFM	S.P.	DRIVE	HP	VOLTS	Ø
PWE #1	1	IEA/STA SCREEN ROOM EXH.	WALL	WALL	1259	1/8	BELT	1/8	120	1
PWE #2	"	WET WELL EXH.	"	"	4607	1/4	"	1	208	3
PWF #3	"	GEN ROOM EXH.	"	"	3361	1/8	"	1/2	208	3
PWF #4	"	LAVATORY EXH.	"	"	228	1/8	DIRECT	1/20	120	1
RSF #1	"	WET WELL SUPPLY	DUCT	"	6566	1/8	BELT	1/3	120	1
PWE #7	"	CONTROL RM EXH.	HALL	"	371	1/8	DIRECT	1/40	120	1

**NOTES**  
1-REFER TO STRUCTURAL DWG'S FOR INSTALLATION OF LOUVERS.

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7008 AND DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

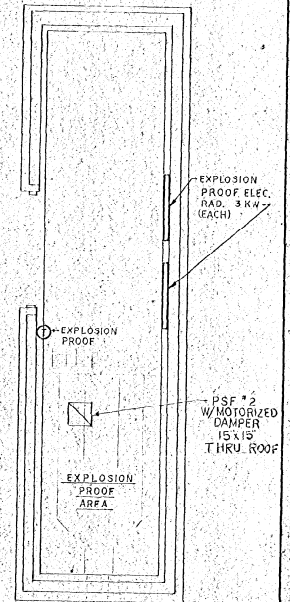
ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF DRAINAGE AND SANITATION	
<b>FLOOR PLAN &amp; DETAILS</b>	
SHEPARD POINT, MUSKRAT BAY & LONG POINT	
<b>HEATING &amp; VENTILATION</b>	
TOWN OF CICERO	ONONDAGA CO., N.Y.
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK	DATE: OCTOBER 1975 SCALE: AS SHOWN FILE NO: 55-18-47-F
REVISIONS	



**FLOOR PLAN**  
 Scale: 1/4" = 1'-0"  
 SOUTH BAY, MAPLE BAY & HARBOUR VILLAGE

**EXHAUSTER SCHEDULE**

FAN NO.	RER'D	SERVICE	LOCATION	TYPE	CFM	S.P.	DRIVE	HP	VOLTS	Ø
PWE # 5	1 EA/STA.	GEN. ROOM EXH.	WALL	WALL	3757	1/8	BELT	3/4	208	3
PWE # 6	1 EA/STA.	LAVATORY EXH.	WALL	WALL	228	1/8	DIRECT	1/20	120	1
PWE # 8	1 EA/STA.	CONTROL RM EXH.	WALL	WALL	371	1/8	DIRECT	1/40	120	1



**FLOOR PLAN**  
 Scale: 3/8" = 1'-0"  
 GRIT CHAMBER BLDG.

**REVISIONS TO ONEIDA PARK**

**FAN SCHEDULE**

FAN NO.	REQ'D	SERVICE	LOCATION	CFM	S.P.	DRIVE	HP	VOLTS	Ø
PSF NO. 2	1	GRIT CHAMBER SUPPLY	ROOF	700	1/8	BELT	1/20	120	1

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 2203 SUB-DIVISION 3 OF THE NEW YORK STATE EDUCATION LAW.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF DRAINAGE AND SANITATION

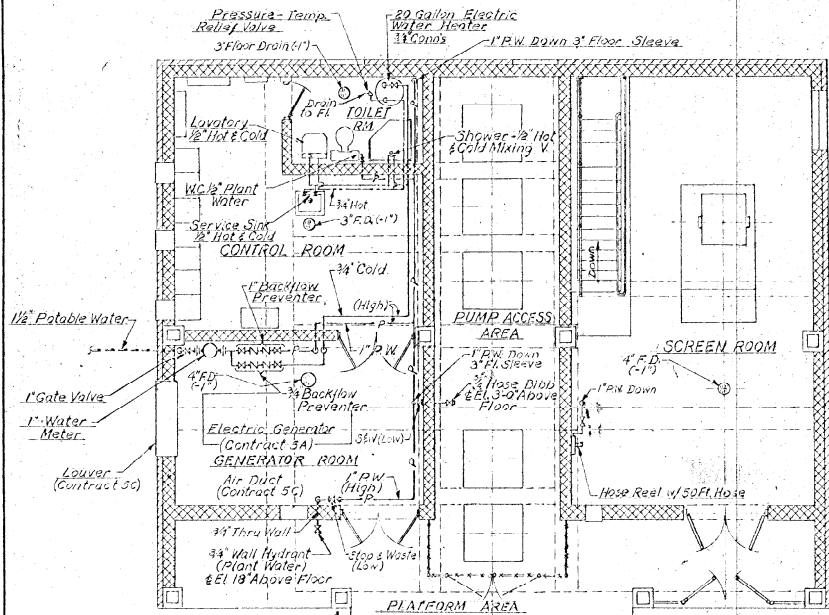
**FLOOR PLANS & DETAILS**  
 SOUTH BAY, MAPLE BAY & HARBOUR VILLAGE  
 REVISIONS TO ONEIDA PARK  
 HEATING & VENTILATION

TOWN OF CICERO ONONDAGA CO., N.Y.

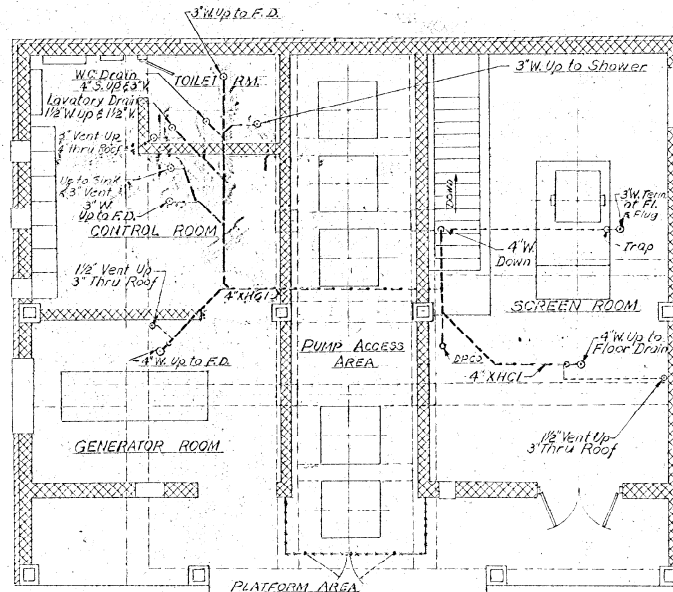
BARTON, BROWN, CLYDE & LOGIUDICE  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 4 NORTH STREETS, NEW YORK

DATE: OCTOBER 1975  
 SCALE: AS SHOWN  
 FILE NO: 5518-42 F

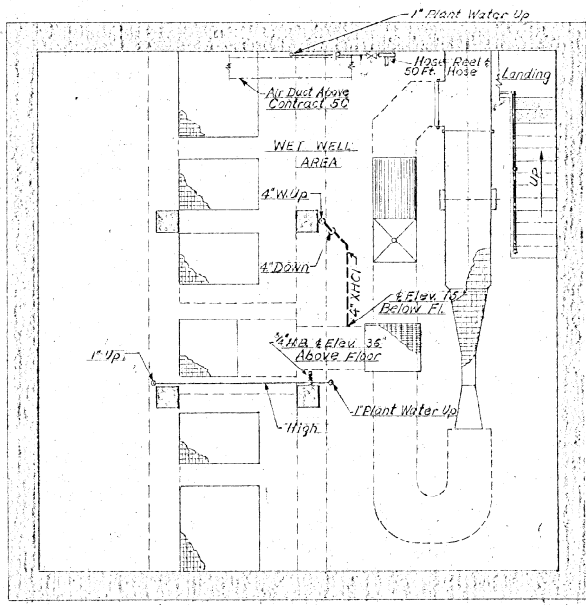
IN CHARGE OF D.C.M.  
 DESIGNED BY R.B.K.  
 DRAWN BY R.J.C.  
 CHECKED BY



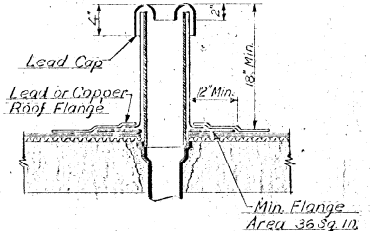
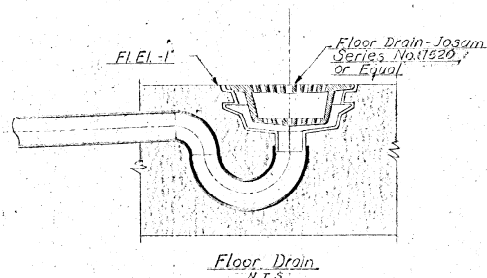
**TOP FLOOR - WATER**  
Scale: 1/4" = 1'-0"



**TOP FLOOR - DRAINS**  
Scale: 1/4" = 1'-0"



**INTERM. FLOOR WATER AND DRAINS**  
Scale: 1/4" = 1'-0"



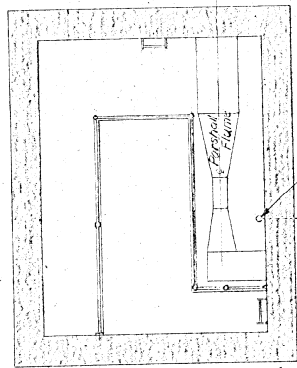
**Vent Pipe Detail**  
N.T.S.

- NOTES**
- 1) See Sheet 10, 13 & 16 For Water Service Piping
  - 2) Piping:
    - a) Interior Water - Type 'L' Hard Copper
    - b) Underground Water - Type 'K' Soft Copper
    - c) Vent - Type 'M' Copper
    - d) Drain - KHCI

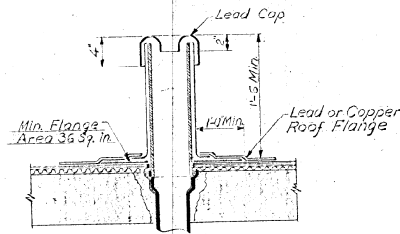
IN CHARGE OF: D.C.M.  
DESIGNED BY: C.E.M.  
DRAWN BY: V.P.  
CHECKED BY: (V.P.)

REVISIONS	ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS		DATE: OCTOBER 1970
	DIVISION OF DRAINAGE AND SANITATION		SCALE: AS SHOWN
	<b>SHEPARD POINT - MUSKRAT BAY</b>		FILE NO.: 55,78 429F
	<b>LONG POINT PUMPING STATIONS</b>		
TOWN OF CICERO		ONONDAGA CO., N.Y.	
BARTON, BROWN, CLYDE & LOGUIDICE CONSULTING ENGINEERS & LAND SURVEYORS NORTH SYRACUSE, NEW YORK		p-1	

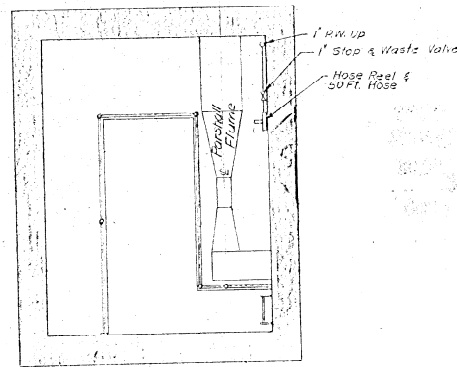
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 208-D DIVISION 2 OF THE NEW YORK STATE EROSION LAW



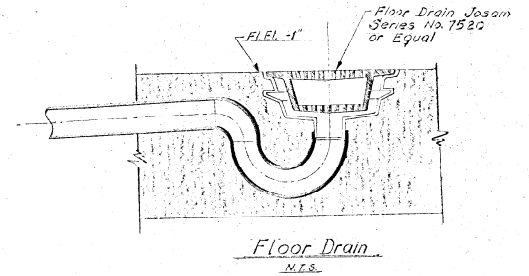
**DRAINS**  
INTERMEDIATE FLOOR  
Scale: 1/4" = 1'-0"



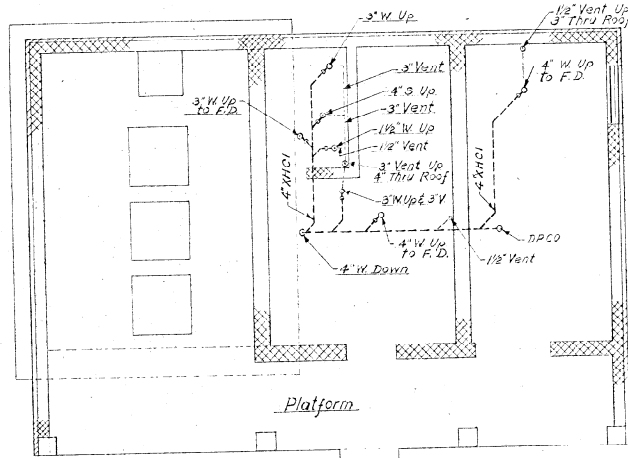
**VENT PIPE DETAIL**  
N.T.S.



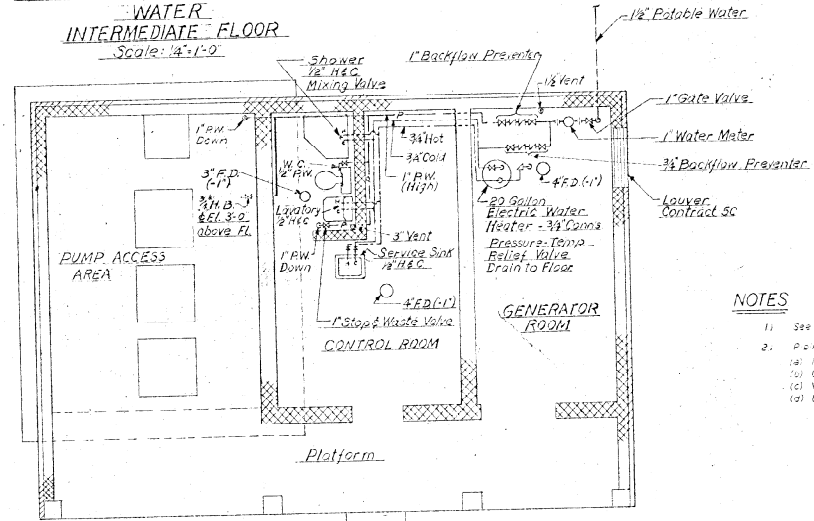
**WATER**  
INTERMEDIATE FLOOR  
Scale: 1/4" = 1'-0"



**Floor Drain**  
N.T.S.



**TOP FLOOR - DRAINS**  
Scale: 1/4" = 1'-0"



**TOP FLOOR - WATER**  
Scale: 1/4" = 1'-0"

**NOTES**

1. See Sheets 29, 21 & 22 for Water Service Piping.
2. Piping:
  - (a) Interior Water - Type 'L', Hard Copper
  - (b) Underground Water - Type 'M', Soft Copper
  - (c) Vent - Type 'M', Copper
  - (d) Drain - XHC1

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 1709 SUB-DIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

IN CHARGE OF: D.C.M.  
DESIGNED BY: C.E.M.  
DRAWN BY: V.P.  
CHECKED BY: A.M.M.

ONONDAGA COUNTY DEPARTMENT OF PUBLIC WORKS		DATE: OCTOBER, 1975
DIVISION OF DRAINAGE AND SANITATION		SCALE: AS SHOWN
<b>SOUTH BAY - MAPLE BAY</b>		P-2
<b>HARBOUR VILLAGE</b>		
<b>PUMPING STATIONS</b>		
PLUMBING		
TOWN OF CICERO	ONONDAGA CO., N.Y.	
BAIRTON, BROWN, CLYDE & LOGUISCIO	CONSULTING ENGINEERS & LAND SURVEYORS	
NORTH SYRACUSE, NEW YORK	118, 101 22, 20 - 60'	

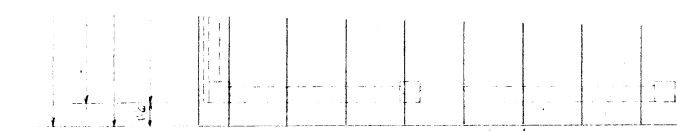
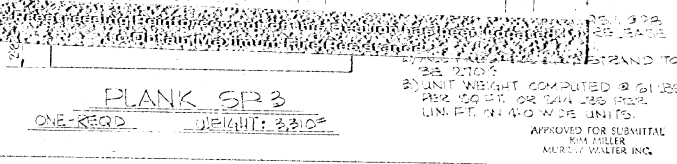
WINKRETE PRE-CAST CONCRETE SYSTEMS

**8" X 4'-0" SPIROLL (NO TOPPING)**

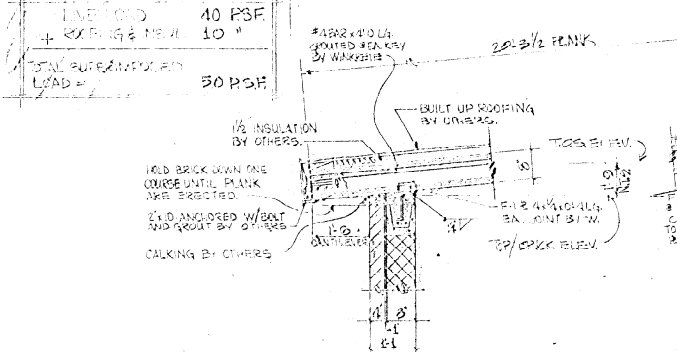
SAFE LOAD TABLE - Uniformly Distributed Superimposed Load in Lbs. per sq. ft.

SPAN DESIGNATION	SPAN LENGTH IN FEET - CENTER TO CENTER OF END BEARINGS											
	16	17	18	19	20	21	22	23	24	25	26	27
F8SP80	140	121	111	101	91	81	71	61	51	41	31	21
F8SP85	145	126	116	106	96	86	76	66	56	46	36	26
F8SP90	150	131	121	111	101	91	81	71	61	51	41	31
F8SP95	155	136	126	116	106	96	86	76	66	56	46	36
F8SP100	160	141	131	121	111	101	91	81	71	61	51	41
F8SP105	165	146	136	126	116	106	96	86	76	66	56	46
F8SP110	170	151	141	131	121	111	101	91	81	71	61	51
F8SP115	175	156	146	136	126	116	106	96	86	76	66	56
F8SP120	180	161	151	141	131	121	111	101	91	81	71	61
F8SP125	185	166	156	146	136	126	116	106	96	86	76	66
F8SP130	190	171	161	151	141	131	121	111	101	91	81	71
F8SP135	195	176	166	156	146	136	126	116	106	96	86	76
F8SP140	200	181	171	161	151	141	131	121	111	101	91	81

PROPERTIES  
 W = 21 in. P.S.F.  
 Fc = 6,000 P.S.I.  
 Fti = 3,000 P.S.I.



**ROOF PLAN**

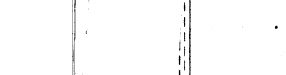


**SECTION-A**

**SECTION-B**

**SECTION-C**

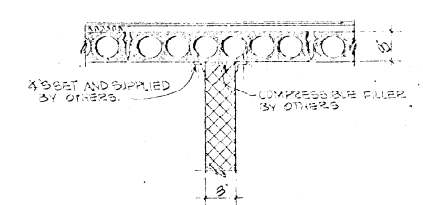
**PLANK SP3**



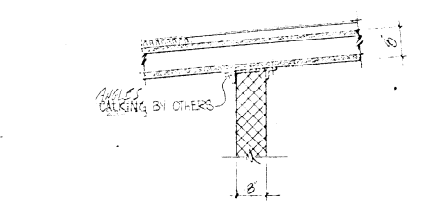
**REINFORCING SECTION**



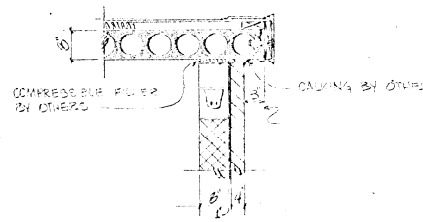
WINKRETE PRE-CAST CONCRETE SYSTEMS  
 ARCHITECT  
 DRAWN BY  
 DATE



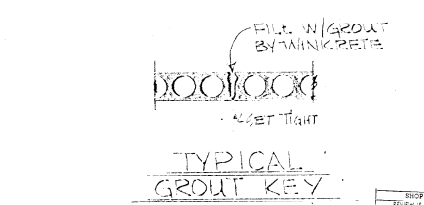
**SECTION-D**



**SECTION-E**



**SECTION-F**



**TYPICAL GROUT KEY**

**NOT FOR PRODUCTION**  
 SUBMITTED FOR APPROVAL

Date 5/30/74 by CRANFORD

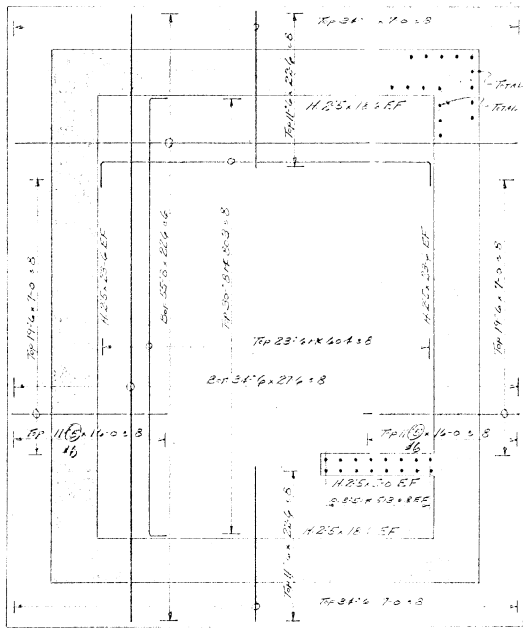
**GENERAL NOTES**

- All plink delivered by WINKRETE.
- All plink unloaded and erected by CONTRACTOR.
- Plink leveling and grouting shall be performed by CONTRACTOR.
- Chalking, feathering and coping is to be applied and installed by others.
- Chalks, waterstops and compressible fillers to be supplied and placed by others.
- All forms cast in job site concrete, necessary for the attachment of our product, shall be supplied and set by others, to a layout provided by Winkrete, showing their location.
- So drilling, cutting, or saw-cutting allowed through the strands or the plink without written permission from Winkrete and the architect.
- All holes 6" and under are to be field one drilled through the void only by trade requiring said hole. Such drilling is to be performed from the bottom up, to prevent spalls.
- All holes over 6" will be applied in the plink by Winkrete provided a staged drilling charting location and size of hole is provided to architect prior to the construction of the void requiring the hole(s).
- General Contractor is responsible for all bearing surfaces being true to line and grade and at the proper elevation.
- Construction loadings shall not be applied until grout is placed in keys (3) days old, minimum. Construction loads shall never exceed design loadings.
- Wall parallel to plink, or other than at bearing locations, shall be held below plink bottom. It is suggested that compressible fillers be furnished between such wall tops and plink soffits, by others, unless otherwise required by architect.

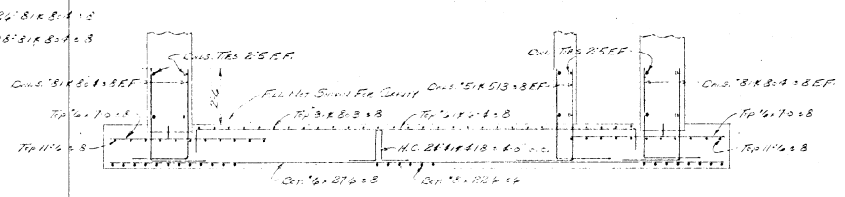
APPROVED FOR SUBMITTAL  
 KIM MILLER  
 MURRAY WALLER INC.

DATE	REVISION	LAKEHURST SANITARY DISTRICT SHEPARD'S POINT
		<b>ERECTION PLAN &amp; SECTIONS</b>
DESIGNED BY	ARCHITECT	CONTRACTOR
CHECKED BY	ARCHITECT	MURRAY WALLER'S
DRAWN BY	ARCHITECT	
SCALE	DATE	
		WINKRETE PRE-CAST CORP. PRECAST & CONCRETE DIVISION P.O. BOX 1006 BRIDGE PLAZA, NEW YORK
		JOB No. <u>W-20-74</u> DWG. No. <u>001</u>

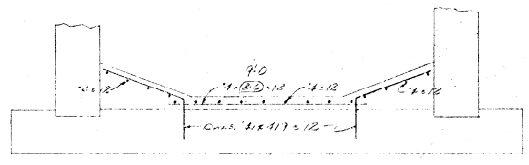
RECEIVED MAY 31 1974



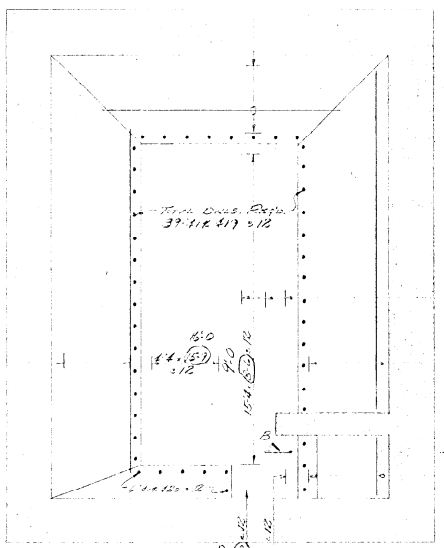
Plan Bottom Mat & Drills. 7/8-10



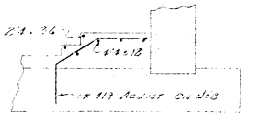
SECTION A-A 7/8-10



SECTION C-C 7/8-10



Plan Slabs Core Full Reinf. 7/8-10



SECTION B-B 7/8-10

1-4-15-7  
1-8-16-7  
1-8-18-8  
1-4-19-7  
3-12

1-4-15-7  
1-8-16-7  
1-8-18-8  
1-4-19-7  
3-12

THIS DRAWING REVIEWED FOR CONFORMANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF CORRECTIONS AND PAROLE BOARD. ALL REVISIONS MUST BE APPROVED BY THE ARCHITECT AND CONTRACTOR. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED. DATE: 11/10/13

BAR LISTS	
NO.	DESCRIPTION
01	12" x 12" x 12"
02	12" x 12" x 12"
03	12" x 12" x 12"
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49	12" x 12" x 12"
50	12" x 12" x 12"

RECEIVED  
MAR 28 1974  
BRUNSON ENGINEERING

REINFORCING BARS - ASTMA A 706-13

JOB: Cont. SA Live Oak Primary Det  
LOCATION: GORHAM, N.Y.  
REVISION: 1. Cont. For South End - Maple Bay  
HARBOUR VILLAGE PUMPING STATION 13.

REVISIONS	
NO.	DATE

ARCHITECT: BROWN BROWN CROSS & ASSOCIATES  
CONTRACTOR: JAMES J. HANCOCK, INC.  
WILFACE CONSTRUCTION SPECIALTIES, INC.  
ROCHESTER, N.Y. OFFICE

DATE APPROVED: CONTRACT NO. 1110-13 DATE: 3-22-14  
BAR LIST NO. 1110-13 MADE BY: [Signature]