REDDING POWER

INSTALLATION OF A COOLING TOWER FIRE PROTECTION SYSTEM

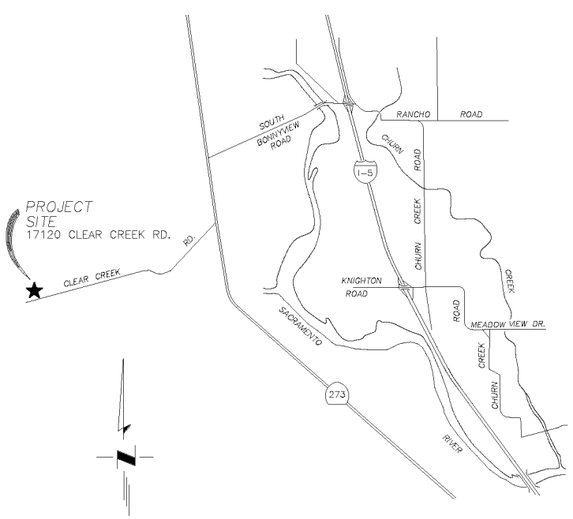
CITY OF REDDING CALIFORNIA

INDEX OF DRAWINGS

DRAWING	SHT. NO.	REVISION	TITLE
RP114	1		COOLING TOWER CONDUIT PLAN
RP115	1		COOLING TOWER SPRINKLER SYSTEM
RP115	2		COOLING TOWER SPRINKLER SYSTEM
E209	1	4	UNDERGROUND CONDUIT PLAN - COOLING TOWER AND SUBSTATION AREA
E300	1	4	UNDERGROUND DISTRIBUTION - TURBINE, BOILERS AND PRECIPS AREAS
E401	1	3	GROUNDING PLAN - COOLING TOWER AND SUBSTATION AREA

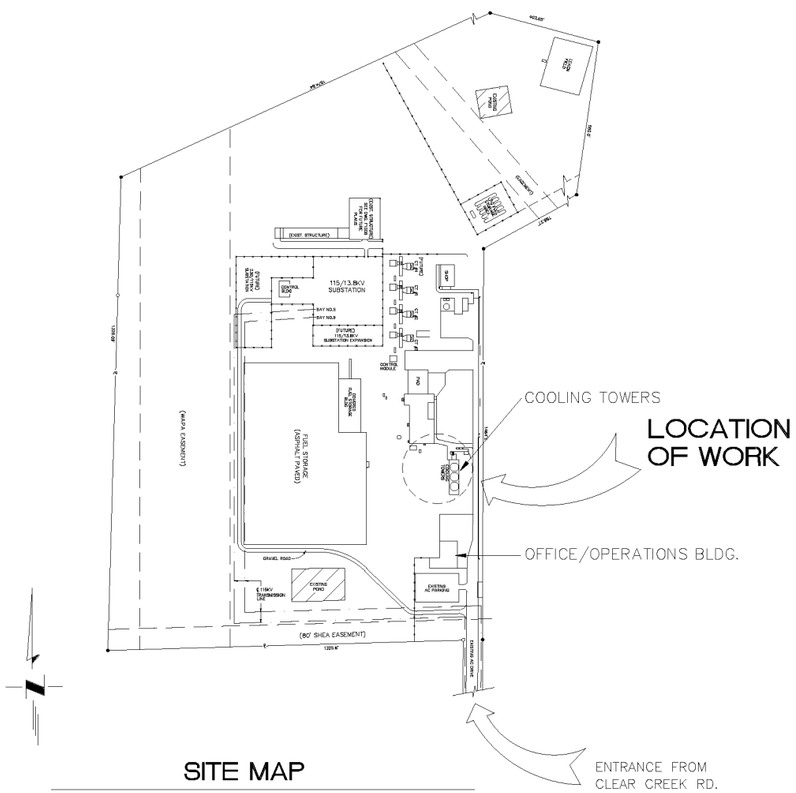
REVISIONS

DATE	SHT. NO.	DATE	SHT. NO.	DATE	SHT. NO.	DATE	SHT. NO.



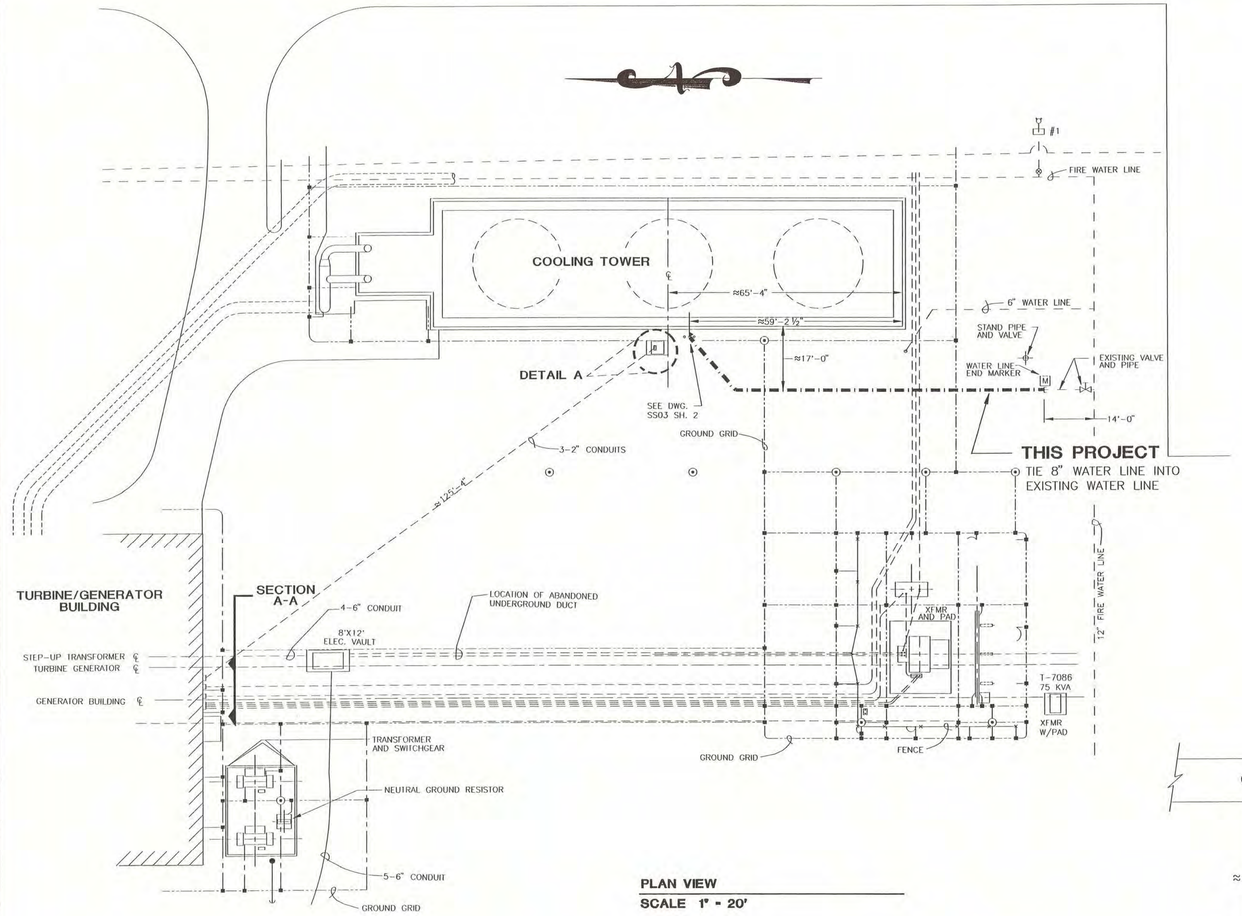
VICINITY MAP

NTS

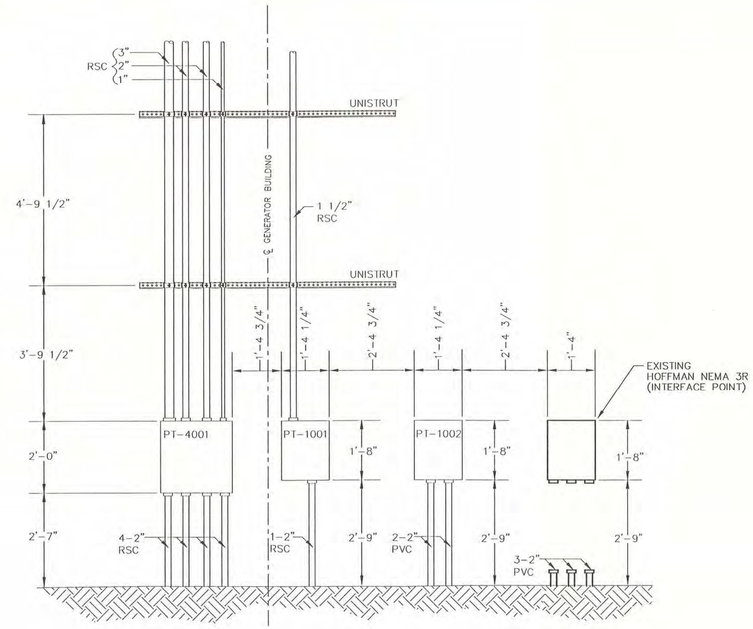


SITE MAP

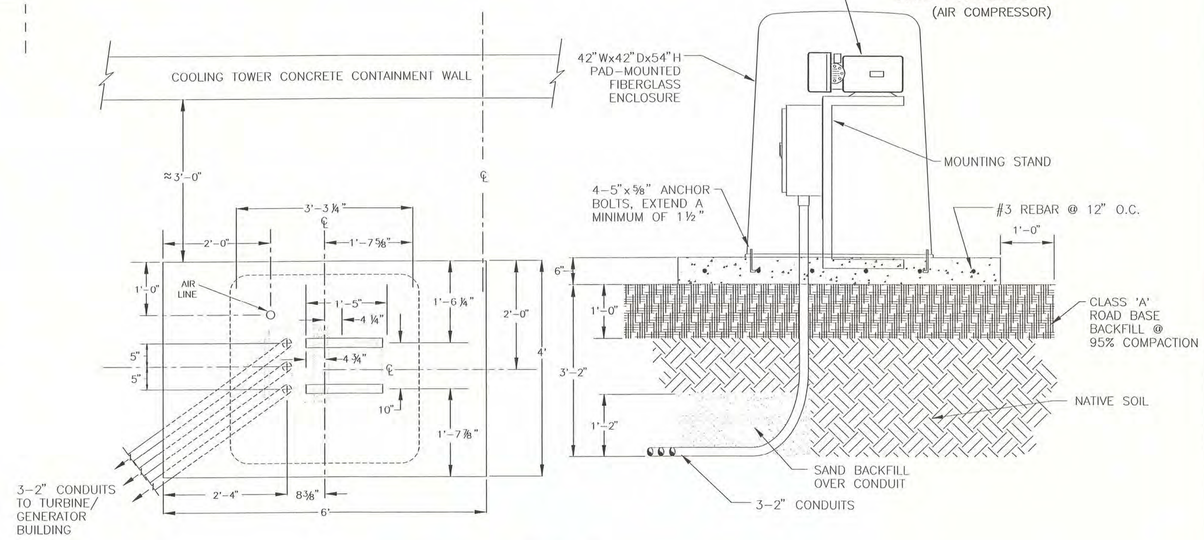
NTS



PLAN VIEW
SCALE 1" = 20'



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



DETAIL A
SCALE 3/4" = 1'-0"

LEGEND :

- WATER LINE END MARKER
- CADWELD
- GROUND ROD
- FIRE HYDRANT
- POLE
- DOWN GUY
- CONDUITS
- GROUND GRID
- WATER LINES
- CENTER LINE

REVISIONS		
MARK	DATE	DESCRIPTION

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DESIGN BY B. KING
DRAWN BY G. PIPER
CHECKED BY
FIELD BOOK NO
ATLAS NO

SCALE	DATE
1" = 20'	APRIL 30, 1997

APPROVED BY :
DISTRIBUTION SYSTEM MANAGER

REGISTERED PROFESSIONAL ENGINEER BRIAN KING No. 9616 ELECTRICAL STATE OF CALIFORNIA

CITY OF REDDING ELECTRIC UTILITY

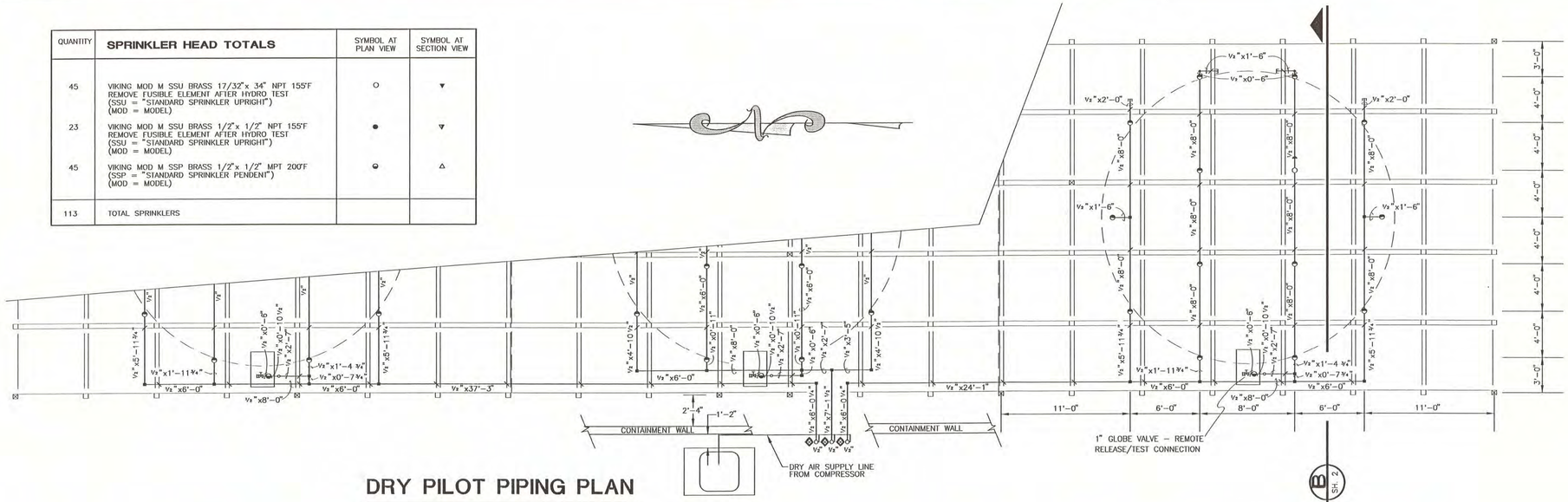
REDDING POWER PROJECT

COOLING TOWER CONDUIT PLAN

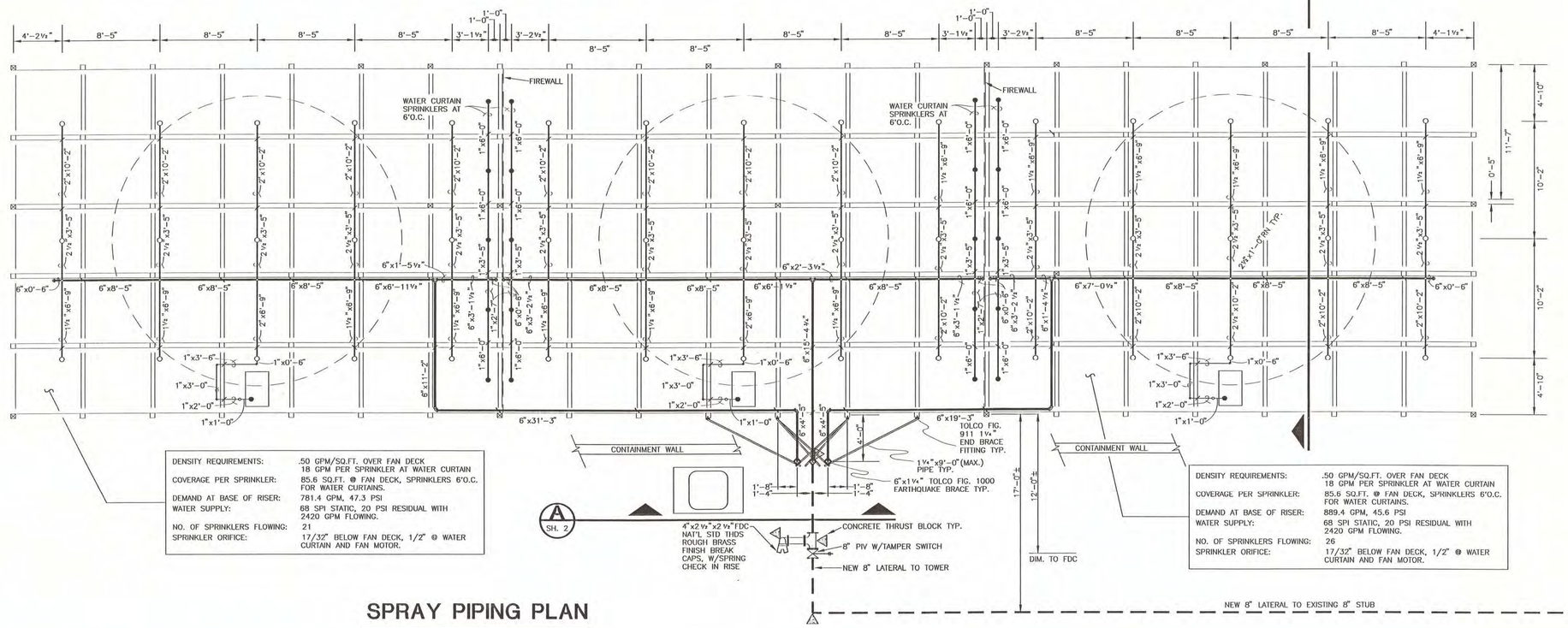
DRAWING NO.
RP114
SHEET 1 OF 1

JOB NO. 9220-40 BID SCHEDULE 3038

QUANTITY	SPRINKLER HEAD TOTALS	SYMBOL AT PLAN VIEW	SYMBOL AT SECTION VIEW
45	VIKING MOD M SSU BRASS 17/32"x 34" NPT 155'F REMOVE FUSIBLE ELEMENT AFTER HYDRO TEST (SSU = "STANDARD SPRINKLER UPRIGHT") (MOD = MODEL)	○	▼
23	VIKING MOD M SSU BRASS 1/2"x 1/2" NPT 155'F REMOVE FUSIBLE ELEMENT AFTER HYDRO TEST (SSU = "STANDARD SPRINKLER UPRIGHT") (MOD = MODEL)	●	▼
45	VIKING MOD M SSP BRASS 1/2"x 1/2" MPT 200'F (SSP = "STANDARD SPRINKLER PENDENT") (MOD = MODEL)	◐	△
113	TOTAL SPRINKLERS		



DRY PILOT PIPING PLAN



DENSITY REQUIREMENTS:	.50 GPM/SQ.FT. OVER FAN DECK 18 GPM PER SPRINKLER AT WATER CURTAIN
COVERAGE PER SPRINKLER:	85.6 SQ.FT. @ FAN DECK, SPRINKLERS 6'O.C. FOR WATER CURTAINS.
DEMAND AT BASE OF RISER:	781.4 GPM, 47.3 PSI
WATER SUPPLY:	68 SPI STATIC, 20 PSI RESIDUAL WITH 2420 GPM FLOWING.
NO. OF SPRINKLERS FLOWING:	21
SPRINKLER ORIFICE:	17/32" BELOW FAN DECK, 1/2" @ WATER CURTAIN AND FAN MOTOR.

DENSITY REQUIREMENTS:	.50 GPM/SQ.FT. OVER FAN DECK 18 GPM PER SPRINKLER AT WATER CURTAIN
COVERAGE PER SPRINKLER:	85.6 SQ.FT. @ FAN DECK, SPRINKLERS 6'O.C. FOR WATER CURTAINS.
DEMAND AT BASE OF RISER:	889.4 GPM, 45.6 PSI
WATER SUPPLY:	68 SPI STATIC, 20 PSI RESIDUAL WITH 2420 GPM FLOWING.
NO. OF SPRINKLERS FLOWING:	26
SPRINKLER ORIFICE:	17/32" BELOW FAN DECK, 1/2" @ WATER CURTAIN AND FAN MOTOR.

SPRAY PIPING PLAN

REVISIONS

MARK	DATE	DESCRIPTION
0	1/10/96	ORIGINAL SUBMITTAL
1	4/30/96	CHANGES PER OWNER'S REVIEW OF 3/27/96

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DESIGN BY B. KING
DRAWN BY G. PIPER
CHECKED BY
FIELD BOOK NO
ATLAS NO

SCALE 3/16" = 1'-0"

DATE AUG. 13, 1996

APPROVED BY :

Bruce Russell 4/30/97
DISTRIBUTION SYSTEM MANAGER

REGISTERED PROFESSIONAL ENGINEER BRIAN KING No. 9616 ELECTRICAL STATE OF CALIFORNIA

CITY OF REDDING ELECTRIC UTILITY

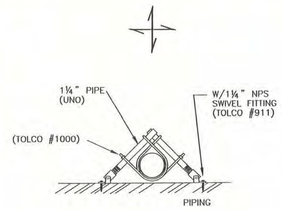
REDDING POWER PROJECT

COOLING TOWER SPRINKLER SYSTEM

DRAWING NO. RP115

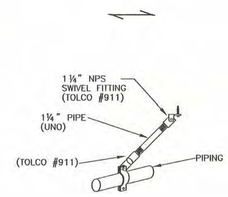
SHEET 1 OF 2

JOB NO. 9220-40 BID SCHEDULE 3038



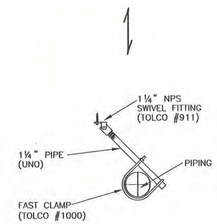
4-WAY BRACE

4-WAY EARTHQUAKE SWAY
BRACE TYPICAL RISER BRACE



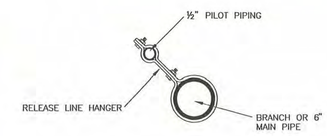
2-WAY BRACE

2-WAY EARTHQUAKE SWAY BRACE
LONGITUDINAL SWAY BRACE



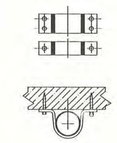
2-WAY BRACE

2-WAY EARTHQUAKE SWAY BRACE
LATERAL SWAY BRACE



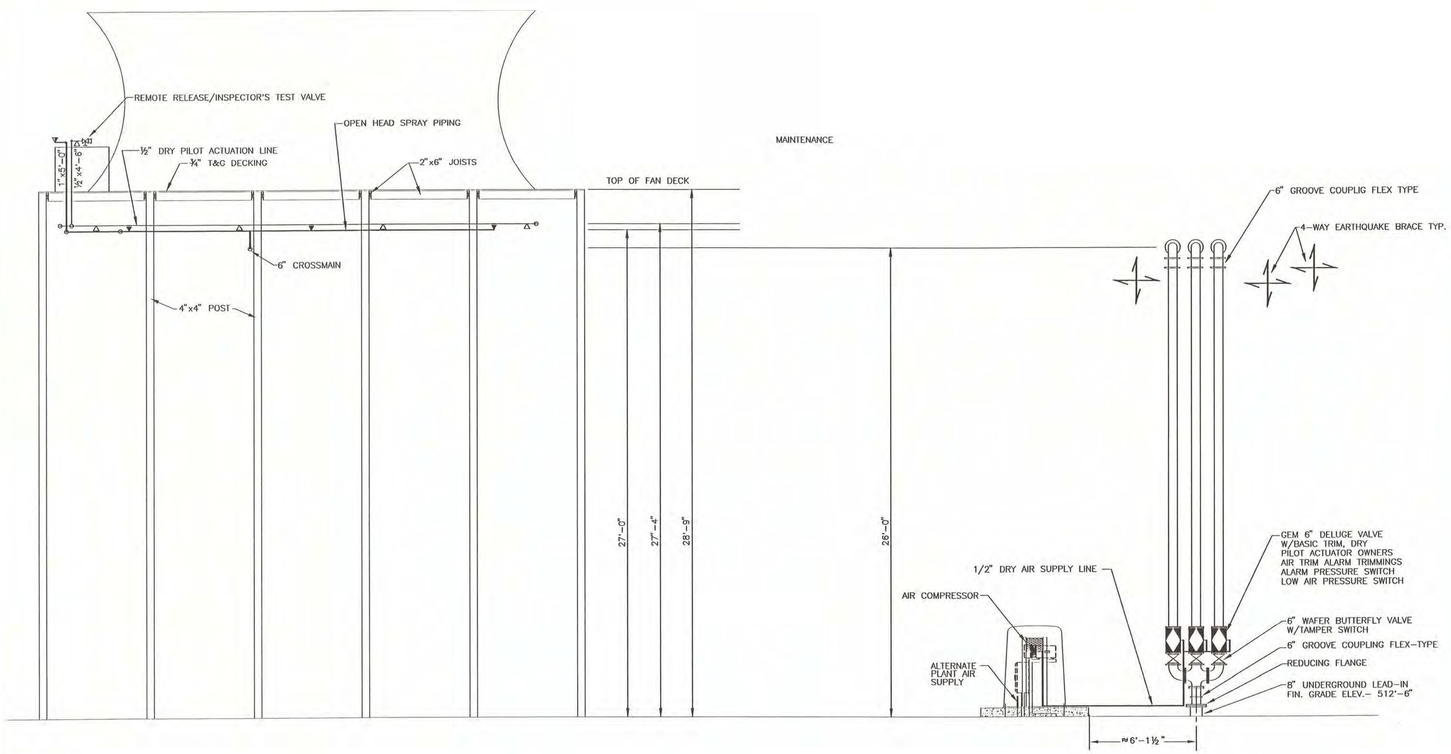
PILOT LINE SUPPORT AT 6" RISERS

ALL PILOT LINE HANGERS TO BE RELEASE LINE HANGERS
UNLESS NOTED OTHERWISE.
(RELEASE LINE HANGER AS MANUFACTURED BY VIKING.)



#2111 SHORT CLIP WOOD SCREWS

TYPICAL HANGER FOR MAINS ATTACH TO 4"x4" POSTS
ONLY. DO NOT SUPPORT MAIN FROM 2"x6" JOISTS.
HANGER ALSO SERVES AS LATERAL EARTHQUAKE BRACE.



SECTION VIEW

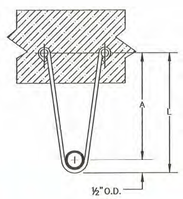
B / SH. 2

1/4" = 1'-0"

RISER SECTION VIEW

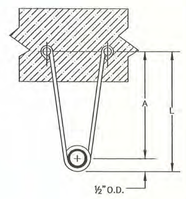
A / SH. 2

1/4" = 1'-0"



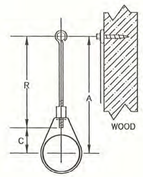
#1 U-HANGER

TYPICAL BRANCH LINE HANGER



#401 WRAP-AROUND U-HANGER

TYPICAL END OF BRANCH LINE HANGER.



#131 EYE ROD HANGER

TYPICAL ½" PILOT LINE HANGER.

GENERAL NOTES:

1. SYSTEM DESIGN AND INSTALLATION PER CITY OF REDDING, NFPA 13, AND NFPA 214.
2. ALL MATERIALS (PIPE, HANGERS, FASTENERS) TO BE GALVANIZED.
3. PIPE TO BE SCH. 40 GALVANIZED JOINED WITH FLANGED OR GROOVED FITTINGS FOR 6" PIPE AND JOINED WITH 150LB. "MALAEBLE IRON GALVANIZED" THREADED FITTINGS FOR 2" AND LESS PIPE.
4. GROOVE COUPLINGS TO BE RIGID TYPE EXCEPT AT TOP AND BOTTOM OF RISERS WHICH WILL BE FLEXIBLE TYPE.
5. WATER SUPPLY AT 12" LOOPED YARD MAIN 68 PSI STATIC, 20 PSI RESIDUAL W/2420 GPM FLOWING. OBTAINED FROM CITY OF REDDING FLOW TEST DATED 7/25/95.
6. ALARM PRESSURE SWITCHES TO BE TIED INTO FAN MOTOR CIRCUIT TO SHUT RESPECTIVE FAN MOTORS UPON SYSTEM ACTIVATION. INTERFACE POINT TO BE INSTALLED BY OWNER. CONTRACTOR TO INSTALL, TERMINATE, AND TEST ALL POWER, CONTROL, AND ALARM WIRING.
7. PIPE DIMENSIONS ARE CENTERLINE TO CENTERLINE OF FITTINGS.
8. HANGER LENGTHS TO BE DETERMINED UPON ON SITE SURVEY, ALL FASTENERS PER NFPA.

REVISIONS

MARK	DATE	DESCRIPTION
0	1/10/96	ORIGINAL SUBMITTAL
1	4/30/96	CHANGES PER OWNER'S REVIEW OF 3/27/96

VERIFY SCALE

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DESIGN BY B. KING
DRAWN BY G. PIPER
CHECKED BY
FIELD BOOK NO
ATLAS NO

SCALE	DATE
AS NOTED	AUG. 13, 1996

APPROVED BY:

DISTRIBUTION SYSTEM MANAGER

REGISTERED PROFESSIONAL ENGINEER BRIAN K. KING No. 9616 ELECTRICAL STATE OF CALIFORNIA

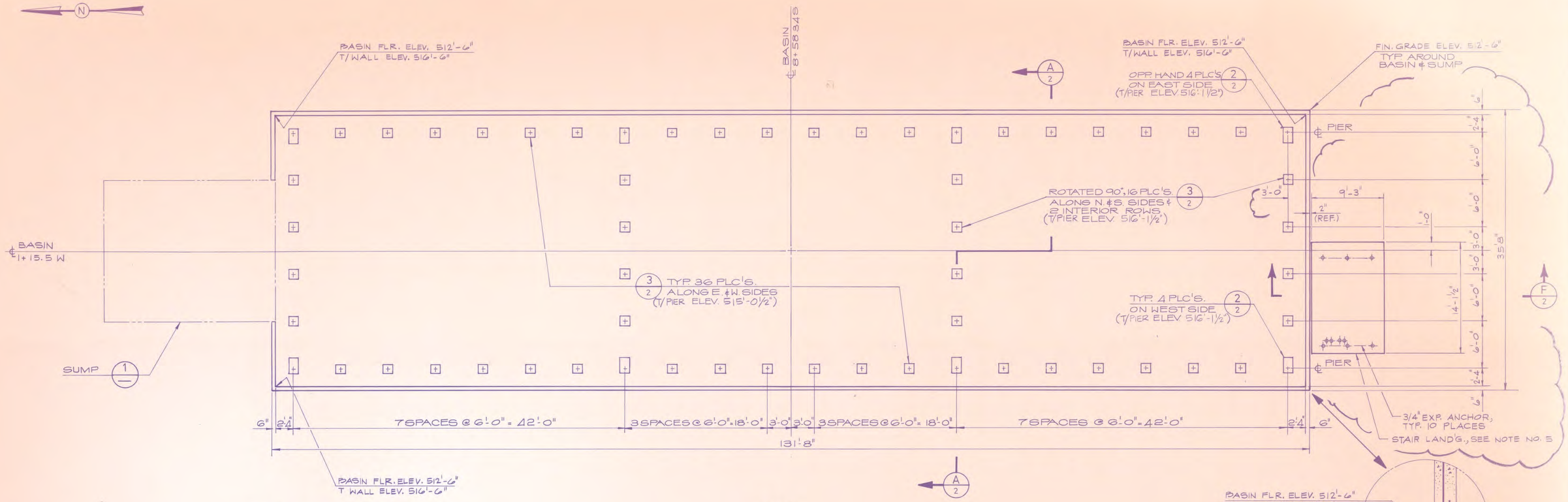
CITY OF REDDING ELECTRIC UTILITY

REDDING POWER PROJECT

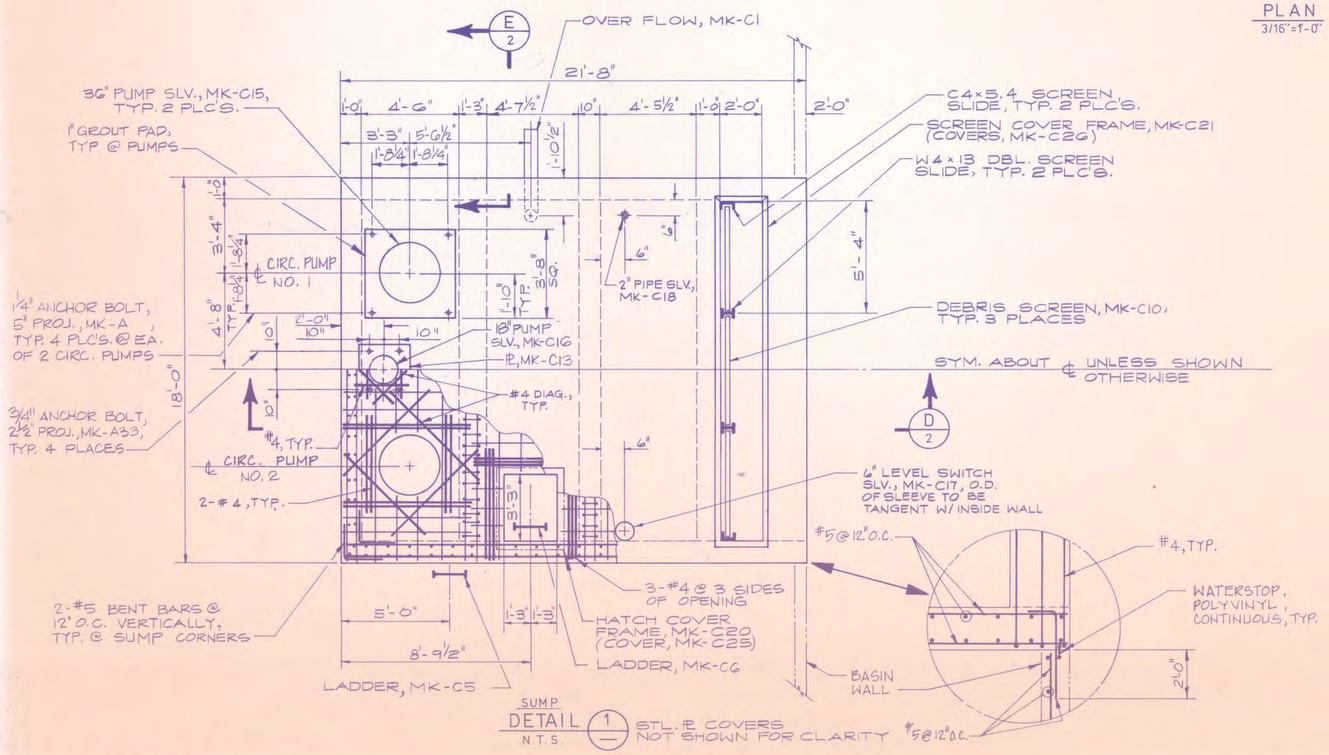
COOLING TOWER SPRINKLER SYSTEM

DRAWING NO.
RP115
SHEET 2 OF 2

JOB NO. 9220-40 SCHEDULE 3038



PLAN
3/16" = 1'-0"



SUMP DETAIL 1 —
N.T.S.
STL. ℙ COVERS NOT SHOWN FOR CLARITY

NOTE:

1. FOR GENERAL NOTES SEE DWG. No. 6001.
2. FOR COOLING TOWER LOCATION SEE PLOT PLAN, DWG. No. 001.
3. ANCHOR BOLTS IN SUMP & BASIN (BELOW WATERLINE) SHALL BE PLATED W/ CADMIUM. FOR BOLT DETAILS & SCHEDULE SEE DWG. No. 5090, SHT. No. 1.
4. STEEL ITEMS IN SUMP (BELOW WATERLINE) EXCEPT ANCHOR BOLTS, (SEE SHT. No. 3), SHALL BE HOT DIP GALV'D. AFTER FABRICATION.
5. REFER TO E 209 FOR CONDUITS PASSING UNDER STAIR LANDING.

Ray E. Wittington 12/15/87

REV. SYMBOLS						
A.C. – CONSTRUCTION						
F.A. – FOR APPROVAL						
B. – BID PURPOSES						
P. – PRELIMINARY						
R. – RECORD						
	NO.	SYM.	DATE			
	0	AC	12-4-87			
	1	AC	1-14-88			
		AA	LT	RW		
						UPDED A.B.S FOR PUMPS ENLARGED MK-C6 & REV'D. NOTES 3 & 4.
	2	AC	12-15-88			
		YL	LT	RW		
						ADDED STAIR LANDG. & NOTE No. 5

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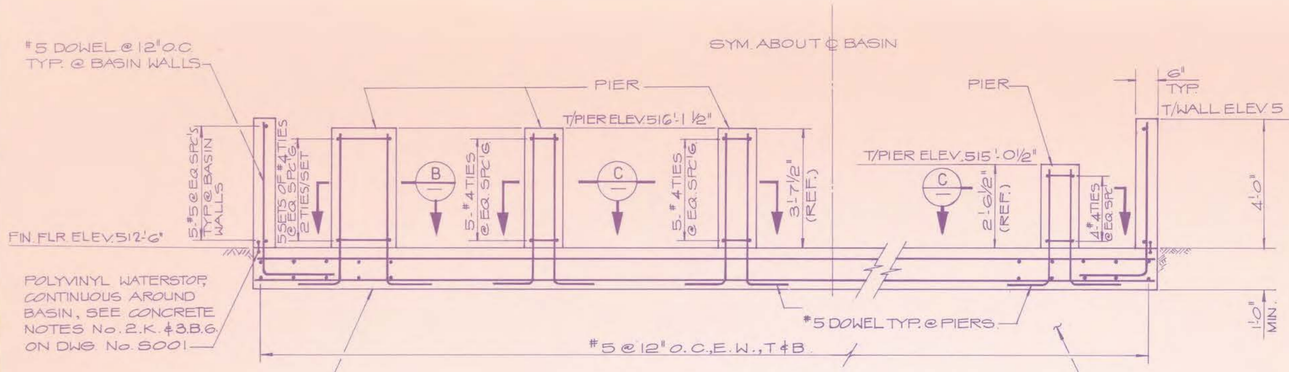
DRAWN BY VINNY B.	CHECKED BY	APPROVALS	SCALE AS SHOWN
DESIGNED BY L TODD	REVIEW ENGR.	ARCH. N/A	PROJECT ENGINEER
REQ NO.		CIVIL RGW	EXCEPTIONS AS NOTED
TSO JOB NO. 5B6A7034		ELEC. N/A	
PROJECT NO.		MECH. N/A	

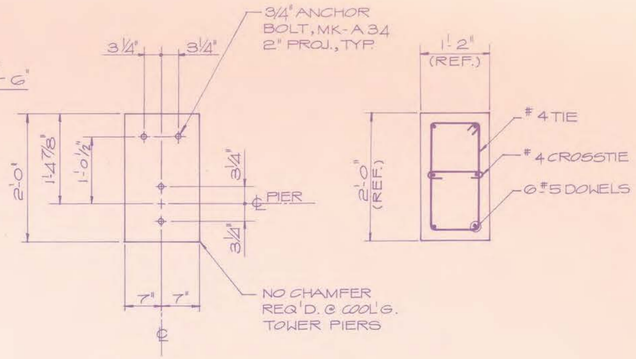
TITLE COGENERATION FACILITY
COOLING TOWER
PLAN
PROJECT REDDING POWER
MADE FOR TURBINE PROJECTS DEPARTMENT

GENERAL ELECTRIC
TECHNICAL SERVICES OPERATION
UTILITY & INDUSTRIAL SALES & SERVICE DIVISION
SAN JOSE, CA., U.S.A.

TSO IDENT. NO. 5B6A7034 | DRAWING NO. 5090 | REV. 2

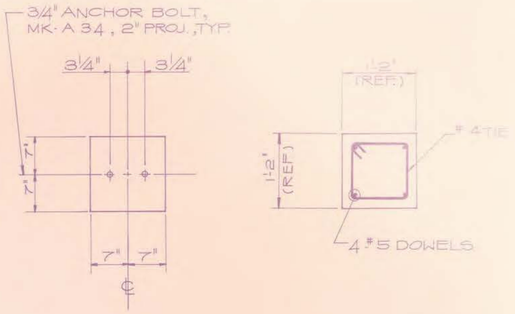


BASIN SECTION A/1
N.T.S.



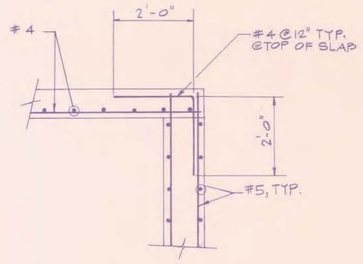
PIER DETAIL 2/1
N.T.S.
AS SHOWN 4 PLC'S. & OPP. HAND 4 PLC'S.

SECTION B/—
N.T.S.

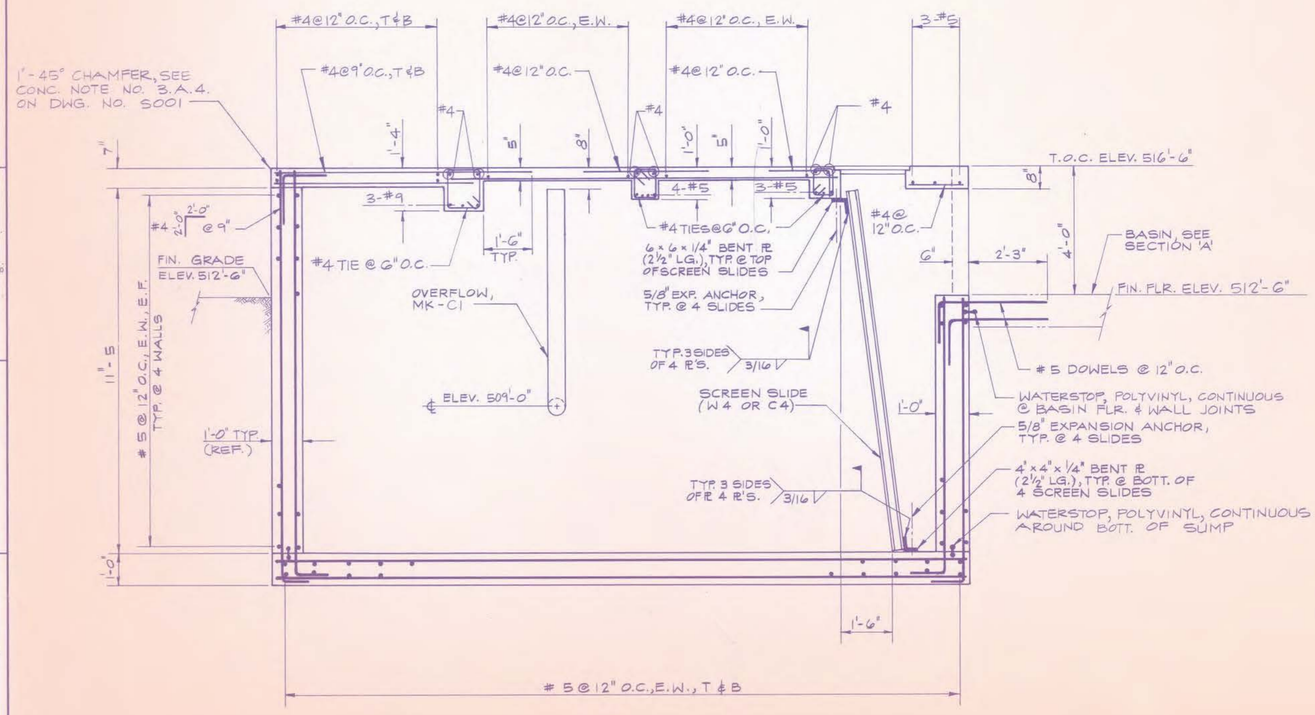


PIER DETAIL 3/1
N.T.S.
AS SHOWN 36 PLC'S. & ROTATED 90° IG PLACES

SECTION C/1
N.T.S.



SECTION E/1
N.T.S.



SUMP SECTION D/1
1/2" = 1'-0"

Ray E Whittington
12/31/87

REV. SYMBOLS	REVISION NO.	SYM.	DATE	REVISION
AC – APPROVED FOR CONSTRUCTION	0	AC	12/9/87	
FA – FOR APPROVAL	1	AC	1-14-88	ADDED HOLD ON SUMP
BO – BID PURPOSES ONLY		AA	LT	
PC – PRELIMINARY RECORD				

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DRAWN BY V.B., Y.L. | CHECKED BY
DESIGNED BY L. TODD | REVIEW ENGR.
REQ NO.
TSO JOB NO. 59GA7034
PROJECT NO.

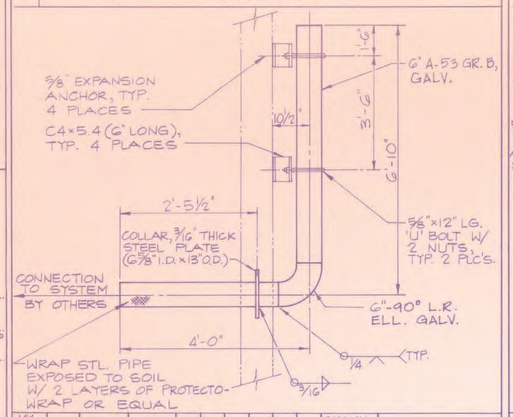
APPROVALS	
ARCH.	N/A
CIVIL	RGW
ELEC.	
MECH.	

SCALE: AS SHOWN
PROJECT ENGINEER
EXCEPTIONS AS NOTED

TITLE: CODGENERATION FACILITY
COOLING TOWER
SECTION & DETAILS
PROJECT: REDDING POWER
MADE FOR: TURBINE PROJECTS OPERATIONS

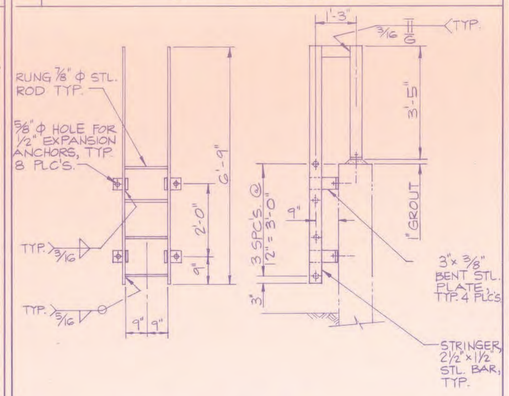
GENERAL ELECTRIC
TECHNICAL SERVICES OPERATIONS
SCHENECTADY, N.Y.

OVERFLOW



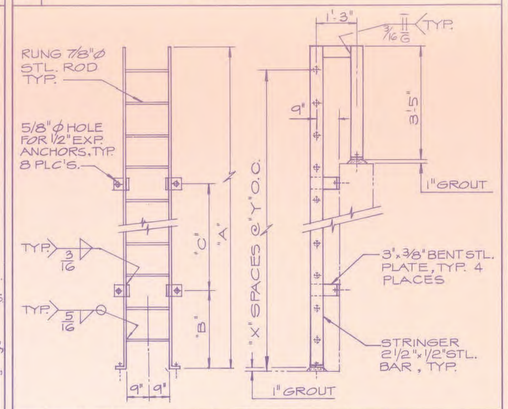
MK-No.	QTY.										SHOWN ON DWG.	REMARKS
C1	1										SHTS. 1 & 2	

STEP THRU LADDER



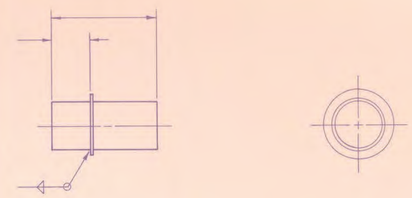
MK-No.	QTY.			SHOWN ON DWG.	REMARKS
C5	1			SHT. 1	@ SUMP

LADDER

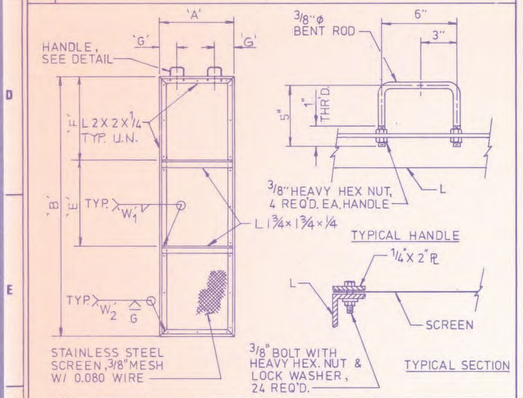


MK-No.	QTY.	"A"	"B"	"C"			"X"	"Y"		REMARKS
C6	1	15'-5"	29"	82"			15	11 3/4"		GALV. AFTER FABRICATION

PIPE SLEEVE

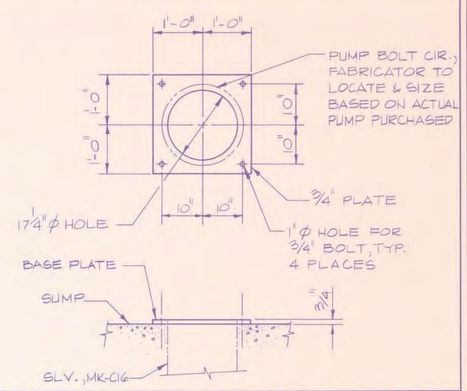


DEBRIS SCREEN



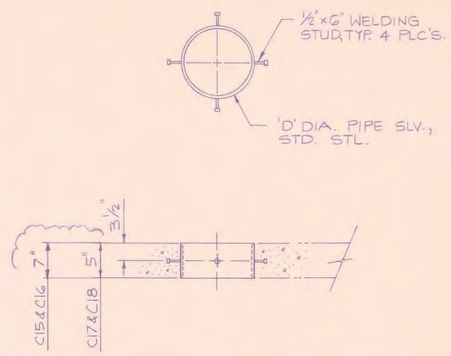
MK-No.	QTY.	A	B	E	F	G	W1	W2		SHOWN ON DWG.	REMARKS
C10	3	63 1/4"	11'-6"	46"	46"	9"	3/16	1/8		SHT'S. 1 & 2	HOT DIP GALV. FRAME AFTER FAB.

PUMP BASE PLATE



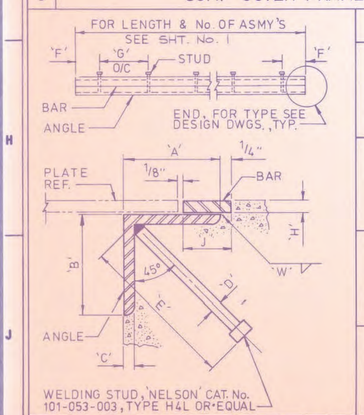
MK-No.	QTY.			SHOWN ON DWG.	REMARKS
C13	1			SHT. 1	FOR AUX. PUMP

SLEEVES

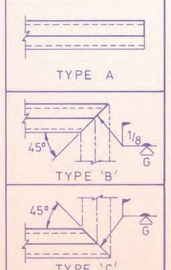


MK-No.	QTY.	'D' O.D.		SHOWN ON DWG.	REMARKS
C15	2	36"		SHT. 1	FOR CIRC. PUMPS
C16	1	18 3/4"		SHT. 1	FOR AUX. PUMP
C17	1	6 5/8"		SHT. 1	FOR LEVEL SWITCH
C18	1	2 3/8"		SHT. 1	FOR CHEMICAL INJECTION

SUMP COVER FRAME

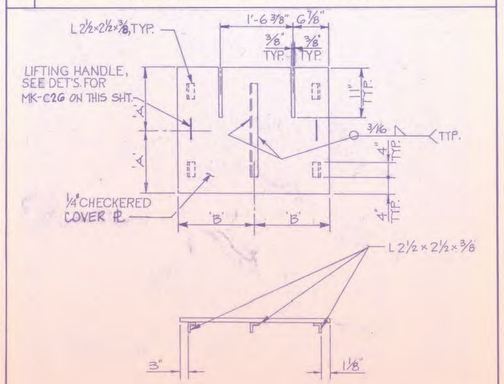


TYPICAL ENDS (PLAN VIEW)



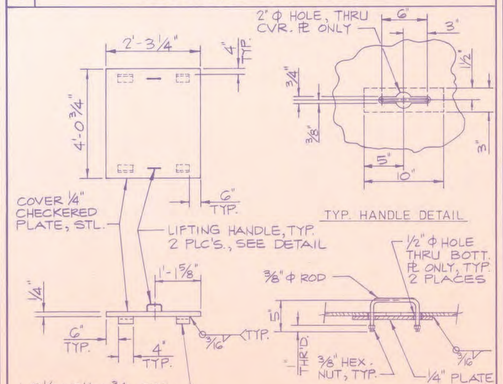
MK-No.	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'		'W'	SHOWN ON DWG.	REMARKS
C20	2 1/2	2 1/2	1/4	1/2	4"	3"	9"	1/4	1"		1/8	SHT. 1	@ HATCH
C21	2 1/2	2 1/2	1/4	1/2	4"	3"	9"	1/4	1"		1/8	SHT. 1	@ SCREENS

SUMP COVER W/ LADDER SLOTS



MK-No.	QUANTITY	'A'	'B'	SHOWN ON DWG.	REMARKS
C25	1	1'-7 1/2"	1'-3"	SHT. 1	@ SUMP

REMOVABLE SUMP COVER



MK-No.	QTY.										SHOWN ON DWG.	REMARKS
C26	4										SHT. 1	FOR SCREENS

Ray E Whitington
12/31/87

NOTES

1. THE FABRICATION AND INSTALLATION OF ALL ITEMS SHALL CONFORM WITH THE GENERAL NOTES ON DRAWING NO. S001.
2. NOTES, CALLOUTS, DETAILS, ETC. ON SHEETS 1 AND 2 SHALL SUPERSEDE CONFLICTING INFORMATION ON THIS DRAWING.
3. ALL ITEMS SHALL BE SHIPPED WITH MARK NUMBERS ATTACHED.
4. UNLESS NOTED OTHERWISE, ALL ITEMS SHALL BE CLEANED WITH BURRS REMOVED.
5. WELDING STUD LENGTHS, SHOWN HEREON, ARE THE AFTER WELD LENGTHS.
6. WELDING STUDS SHALL BE ATTACHED PER MANUFACTURERS RECOMMENDATIONS.
7. WHERE WELDING STUDS CONFLICT WITH REINFORCING, DURING INSTALLATION, THE REINFORCING BARS SHALL BE MOVED AS REQUIRED TO AVOID EMBEDDMENTS.
8. ALL EMBEDDMENTS SHALL BE PLACED FLUSH WITH FACE OF CONCRETE UNLESS SHOWN OR NOTED OTHERWISE.
9. FIELD WELDS AND ABRASIONS WHICH WILL BE EXPOSED SHALL BE CLEANED AND COATED.

REV SYMBOLS
AC - ACCEPTED FOR CONSTRUCTION
FA - FOR APPROVAL
D - FOR PURPOSES DESCRIBED HERE
R - RECORD

REVISION NO.	SYM.	DATE	
0	ACC	12/30/87	
1	ACC	11/30/88	REVD MK-C15 TO MK-C18 & ADDED MK-C13.

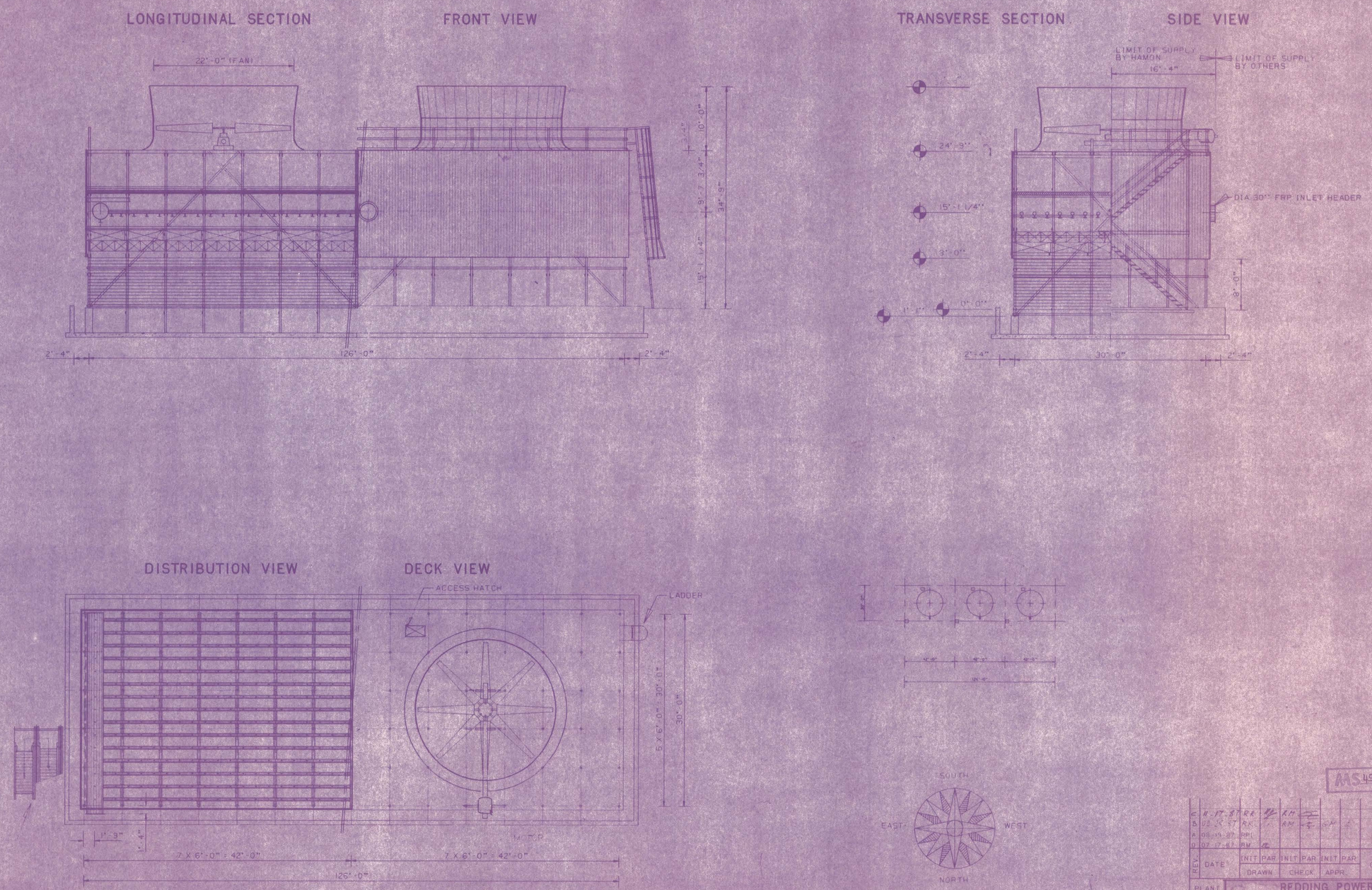
THIS DRAWING IS THE PROPERTY OF TECHNICAL SERVICES OPERATION-GENERAL ELECTRIC COMPANY AND IS LOANED UPON CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS FOR ANY OTHER PURPOSE WITHOUT PERMISSION OF TECHNICAL SERVICES OPERATION.

NOTICE TO PURCHASER
THIS DRAWING IS PRELIMINARY UNLESS IT BEARS CERTIFICATION OF THE GENERAL ELECTRIC COMPANY PROJECT ENGINEER.
GENERAL ELECTRIC COMPANY HAS MADE EVERY EFFORT TO VERIFY ALL INFORMATION INCORPORATED ON THIS DRAWING. HOWEVER, BECAUSE IT IS IMPOSSIBLE TO CERTIFY TO THE ACCURACY OF ALL INFORMATION FURNISHED BY OUTSIDE SOURCES, GENERAL ELECTRIC COMPANY MUST DISCLAIM LIABILITY FOR ALL LOSS OR DAMAGE RESULTING FROM ANY INFORMATION INCORPORATED ON THIS DRAWING WHICH IS SUPPLIED FROM INFORMATION FURNISHED BY THE CUSTOMER, OTHER EQUIPMENT MANUFACTURERS, OR OTHER CONTRIBUTORS. IN THE EVENT OF A CONFLICT BETWEEN THE CONTRACT AND THIS DRAWING RESPECTING MATERIALS AND AMOUNTS OF MATERIALS TO BE SUPPLIED BY GENERAL ELECTRIC COMPANY, THE PROVISIONS OF THE CONTRACT SHALL GOVERN.

DRAWN BY	CHECKED BY	APPROVALS	SCALE	TITLE
Y. LAZAR		ARCH N/A	NONE	COGENERATION FACILITY COOLING TOWER EMBEDDED ITEMS
L. TODD	REVIEW ENGR	CIVIL	PROJECT ENGINEER	PROJECT REDDING POWER
REG NO		ELEC	EXCEPTIONS AS NOTED	NAME FOR TURBINE PROJECTS DEPARTMENT
FOR JOB NO 5BEA7032				
FORMAT NO				

GENERAL ELECTRIC
TECHNICAL SERVICES OPERATION
UTILITY & INDUSTRIAL GAS TURBINE DEPARTMENT
SCHENECTADY, N.Y.

DWG. SIZE D | DWG. NO. 5088 | REV. 1



RECEIVED
JAN 21 1988
Processed Through Control Rig
Technical Services Operation

MS 45 7034 SUB 3

REV.	DATE	DRAWN INIT	DRAWN PAR	CHECK INIT	CHECK PAR	APPR. INIT	APPR. PAR	CODE	REMARKS
C	11-17-87	RR		RM					Motor
B	08-28-87	RR		RM					Stairway Ladder
A	08-19-87	RPL							REVISED HEADERS LOCATIONS
D	07-17-87	RM							

PLANT: REDDING POWER
S.E. NO 586A.7034-M2302

INDUCED DRAFT COOLING TOWER
GENERAL ARRANGEMENT

HAMON COOLING TOWERS.
245 US HIGHWAY 22 WEST BRIDGEWATER, NJ 08807
TELEPHONE (201) 725-3311 TELEX 642320

SCALE 1/8"=1'-0"
SIZE B1
FILE HUC3385
DRAWING No. 001.01
REV.

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PART NAME: C.HUC336300.001.01

DRAWING BY COMPUTER GRAPHIC EQUIPMENT

DEAD LOAD - WET CONDITION
(POUNDS)

	X0	X1 X2 X5 X8 X9 X12 X15 X16 X19	X3 X4 X10 X11 X17 X18	X6 X7 X13 X14 X20	X21
	Z	Z	Z	Z	Z
Y0	-1160	-1790	-3180	-1265	-635
Y1	-2320	-3580	-2525	-2525	-1265
Y2	-2320	-3580	-3675	-2525	-1265
Y3	-2320	-3580	-3675	-2525	-1265
Y4	-2320	-3580	-2525	-2525	-1265
Y5	-1160	-1790	-1265	-1265	-635

DEAD LOAD - DRY CONDITION
(POUNDS)

	X0	X1 X2 X5 X8 X9 X12 X15 X16 X19	X3 X4 X10 X11 X17 X18	X6 X7 X13 X14 X20	X21
	Z	Z	Z	Z	Z
Y0	-415	-760	-2610	-695	-350
Y1	-830	-1520	-1385	-1385	-695
Y2	-830	-1520	-2535	-1385	-695
Y3	-830	-1520	-2535	-1385	-695
Y4	-830	-1520	-1385	-1385	-695
Y5	-415	-760	-695	-695	-350

SERVICE LOAD
(POUNDS) 60 PSF

	X0,X21	X1 TO X20
	Z	Z
Y0,Y5	-540	-1080
Y1 TO Y4	-1080	-2160

WIND LOAD IN DIRECTION X
(POUNDS) 35 PSF

	Y0,Y5		Y1 TO Y4	
	X	Z	X	Z
X0	2235	2110	4470	4220
X1	0	-450	0	-895
X2	0	-450	0	-895
X3	0	160	0	320
X4	0	-770	0	-1540
X5	0	0	0	0
X6	0	0	0	0
X7	585	-610	1165	-1215
X8	0	0	0	0
X9	0	0	0	0
X10	0	0	0	0
X11	0	0	0	0
X12	0	0	0	0
X13	0	0	0	0
X14	585	610	1165	1215
X15	0	0	0	0
X16	0	0	0	0
X17	0	770	0	1540
X18	0	-160	0	-320
X19	0	450	0	895
X20	0	450	0	895
X21	2235	-2110	4470	-4220

WIND LOAD IN -X DIRECTION : SAME VALUES AS IN + X,
MULTIPLIED BY (-1)

WIND LOAD IN DIRECTION Y
(POUNDS) 35 PSF

	X0,X21		X1 TO X20	
	Y	Z	Y	Z
Y0	2080	1950	4160	3900
Y1	0	160	0	320
Y2	0	0	0	0
Y3	0	0	0	0
Y4	0	-160	0	-320
Y5	2080	-1950	4160	-3900

WIND LOAD IN -Y DIRECTION : SAME VALUES AS IN + Y,
MULTIPLIED BY (-1)

SEISMIC LOAD
IS LOWER THAN
WIND LOAD.

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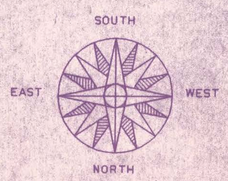
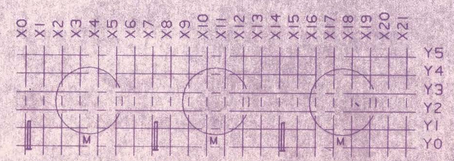
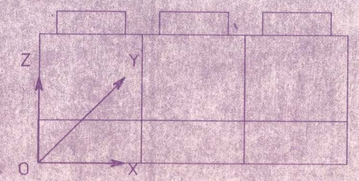
Technical Services Operation

135 7034 SUB 1







REV.	DATE	INIT DRAWN	PAR	INIT CHECK	PAR	INIT APPR.	PAR	CODE	REMARKS
A	08-19-87	RPI							REVISED HEADERS LOCATIONS AND DEAD LOAD
0	07-16-87	RM							

PLANT: REDDING POWER
G.E. NO 588A7034-M2308

INDUCED DRAFT COOLING TOWER
BASIN
FOUNDATION LOADS

SCALE: -
SIZE: B1
FILE: HUC3386

HAMON COOLING TOWERS.
245 US HIGHWAY 22 WEST BRIDGEWATER, NJ 08807
TELEPHONE (201) 725-3311 TELEX 642320

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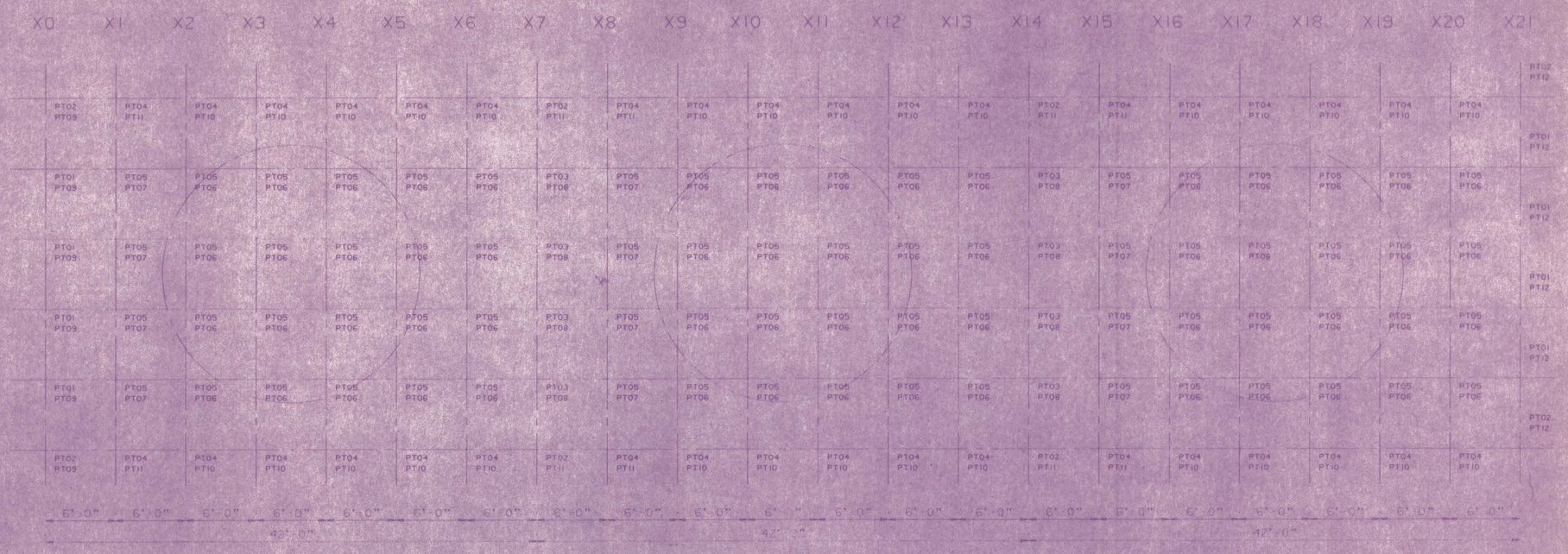
DRAWING No 002.01 REV. A

DRAWING BY COMPUTER GRAPHIC EQUIPMENT

PART NAME: C:HUC336300.002.01

D: 4/85



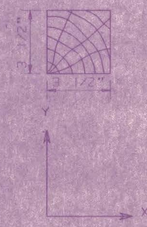
REP	SECTION	NR	
PT01	3 1/2 X 3 1/2 "	8	9'- 8 7/16"
PT02	3 1/2 X 3 1/2 "	8	9'- 8 7/16"
PT03	3 1/2 X 3 1/2 "	8	
PT04	3 1/2 X 3 1/2 "	36	10'- 9 7/16"
PT05	3 1/2 X 3 1/2 "	72	13'- 7 7/16"
PT06	3 1/2 X 3 1/2 "	60	14'- 11 3/4"
PT07	3 1/2 X 3 1/2 "	12	14'- 11 3/4"
PT08	3 1/2 X 3 1/2 "	8	
PT09	3 1/2 X 3 1/2 "	6	18'- 6 1/2"
PT10	3 1/2 X 3 1/2 "	30	
PT11	3 1/2 X 3 1/2 "	10	18'- 6 1/2"
PT12	3 1/2 X 3 1/2 "	6	18'- 6 1/2"

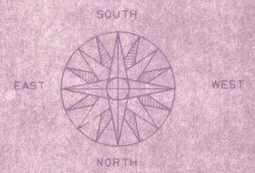
TRANSVERSE FRAMES (X-AXIS)

DRAWING NR. 101.01 : X0
DRAWING NR. 101.02 : X1·X8·X15
DRAWING NR. 101.03 : X2·X3·X4·X5·X6·X9·X10·X11·X12·X13·X16·X17·X18·X19·X20
DRAWING NR. 101.04 : X7·X14
DRAWING NR. 101.05 : X21

LONGITUDINAL FRAMES (Y-AXIS)

DRAWING NR. 102.01 : Y5
DRAWING NR. 102.02 : Y1·Y2·Y3·Y4
DRAWING NR. 102.03 : Y0





NOTE : EACH PART OF A POST HAS A LABEL.
WHEN A POST HAS MORE THAN ONE LABEL, THE UPPER LABEL REFERS TO THE LOWER PART OF THE POST, AND THE LOWER LABEL REFERS TO THE UPPER PART OF THE POST

RECEIVED
JAN 21 1998
Processed through Central File
Technical Services Operation
MS135 7034 SUB 1

REV	DATE	DRAWN INIT	DRAWN PAR	CHECK INIT	CHECK PAR	APPR. INIT	APPR. PAR	CODE	REMARKS
0	09-02-87	RR		RP					

PLANT: REDDING POWER
G.E. NO 686A 7034-M2302

INDUCED DRAFT COOLING TOWER
FRAMES
LABEL OF POSTS

SCALE: 3/16"=1'-0"
SIZE: B1
FILE: HUC3385

HAMON COOLING TOWERS
245 US HIGHWAY 22 WEST BRIDGEWATER, NJ 08807
TELEPHONE (201) 725-3311 TELEX 642320

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DRAWING NO: 100.01
REV: 0

PART NAME: C.HUC3385300.100.01

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