REVISIONS			
SYM	DESCRIPTION	DATE	SIGNATURE
1	INSTALLED NEW EMERGENCY SHOWER & I.W. SPRINKLER AT BLDG. 8 N.W. & PAD FOR NITROGEN TANK.	7-15-64	J.B.
2	RELOCATED EWST. EMERGENCY SHOWER FROM EAST WALL OF BLDG. TO EQUIP. PAD AREA	10-6-64	R.S.
3	"AS BUILT" AS PER MARKED UP PRINT BY CARL W. JOHNSON CO.	4-24-65	R. J. MORGAN

TO EMERGENCY SHOWERS

DRAIN TO EXISTING

NEW 1" GATE VALVE

SOLID STEEL COUPLING NIPPLE

EXISTING PLANTED VALVE

DOOR

DETAIL-1
NO. SCALE

EQUIP. PAD

EXIST. 2" C.W. SUPPLY TO BLDG. 8

RELOCATE EXIST. SHOWER & SITE PIPING TO NEW LOCATION

EXIST. EMERGENCY SHOWER TO BE RELOCATED

EXISTING 12" SLAB

SEE DETAIL-1

NEW 1" G.W. VALVE & GW. LINE AT P.T.

EMERGENCY SHOWER WITH STRAINER & PIPE TO FLOOR DRAIN. CONNECTION NO. 1

BASEMENT

2" DRAIN FROM EMERGENCY SHOWER TO FLOOR (CONTAM. WASTE)

CONNECT TO SUMP

EXISTING SUMP

EXISTING FLOOR GRATING IN POOR CONDITION REPLACE WITH SOLID PLATE

PLAN
1/4" = 1'-0"

EMERGENCY SHOWER ANCHOR TO EQUIP. PAD

1" C.W.

1/4" COPPER NITROGEN CONTROL LINE COVER IN BOX WITH 1/4" COPPER PIPE.

UNDERGROUND 1'-6" MIN. COVER

ROOFING TOWER

SUMP

R.G.

ENTRANCE

TOP ENTRANCE

4'-6"

4" CONC. PAD TO BE EVEN TO BE SET TO STUB FUTURE A.C. PAVING OF AREA

4" HOSE B/B 6" A.G. ABOVE GRADE

PAD FOR NITROGEN TANK

MATERIAL

PIPE - SCH #3 G.A.L.V. STL. W/ BANDED F.I.T. GALV. BANDED FITTINGS

VALVES - GATE 0.3#Y CRANE #428 OR EQUAL

SHOWER S - NO. 1 - 425W NO. 3E 6323 WITH EYE WELD TO INLET & WITH FLANGE, STRAINER & 6" CONNECTION, PIPE FLANGE, STRAINER & SHOWER TO BE AS FURNISHED BY THE EQUIP. CONTRACTOR

NO. 2 & 3 - LOCAL INSTALLED BY CONTRACTOR WITH WASTE

SCOPE OF WORK FOR REVISION 2

1. RELOCATE AN EXISTING EMERGENCY SHOWER
2. INSTALL A NEW CONC. PAD FOR THE SHOWER
3. CONN TO EXISTING POINT OF WATER SUPPLY & EXTEND PIPING TO NEW LOCATION OF SHOWER. REMOVE ABANDONED PIPING.
4. ALL NEW PIPING SHALL BE SCHEDULE 40, G.A.L.V. WITH 150# G.A.L.V. M.I. BANDED FITTINGS
5. NEW PIPING SHALL BE TESTED @ 150 PSI.
6. NEW CONCRETE SHALL BE 2500 #/in²

EXIST. WATER SUPPORT @ 12'-0" ABOVE GRADE

1" C.W.

EQUIP. PAD

EXIST. 1" C.W. TO SHOWER

PROVIDE TAPE SUPPORT @ EACH

3" CONC. PAD TOP OF PAD TO BE 1/2" ABOVE A.C.

3" MIN. GRADE OF SHOWER FOR DRAINAGE

OUTSIDE WALL OF BLDG. 08

RELOCATE EXIST. EMERGENCY SHOWER

PLAN - DETAIL 3/P2 2
SCALE: 3/4" = 1'-0"

SCOPE OF WORK FOR REVISION 1

1. RELOCATE AN EXISTING EMERGENCY SHOWER.
2. INSTALL A NEW CONC. PAD FOR SHOWER.
3. CONNECT TO EXISTING POINT OF WATER SUPPLY & EXTEND TO NEW LOCATION OF SHOWER.
4. PROVIDE ALL TRENCHING, BACKFILLING & PATCHING OF SURFACES SHALL BE PERFORMED IN NEAT LINES WITH MINIMUM DISTURBANCE OF AREA.
5. ALL NEW PIPING SHALL BE SCHEDULE 40 GALV. WITH 150# GALV. M.I. BANDED FITTINGS
6. NEW PIPING SHALL BE TESTED @ 150 PSI.
7. NOSE B/B SHALL BE CRANE #428 OR EQUAL
8. NEW CONCRETE SHALL BE 2500 #/in²
9. 10 UNDER GROUND WATER PIPING TO BE WRAPPED AS PROTECTION FOR CONDUIT (WHICH ARE IN THE SAME TRENCH)

6" PRESS. GAUGE ASHCROFT 1,000, 0-150 PSI.
1" PRESS. REG. MUELLER, H 3000 150 TO 50 PSI

GAUGE COCK CRANE 708

BELOW GRADE TO SHOWER B NOSE B/B

THRU BLDG. WALL

EXIST. 1" C.W. SUPPLY THRU FLR.

EXIST. 1" STRAINER

EXIST. 1/2" PRESS. REG.

P.D.C. REARRANGE PIPING BETWEEN STRAINER & PRESS. REG. TO PROVIDE 1" SUPPLY TO SHOWER

CONNECTION DETAIL 2/P2 1
NO SCALE

TWR 24477
TWR 28205
DWG 35617
JIR 42180

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BLDG. 024
SANTA SUSANA FACILITY
EMERGENCY SHOWER INSTALLATION

DRAWN		SIZE	DWG. D
CHECKED		SCALE	AS NOTED
ENGINEER		JOB NO.	303-024-22
APPROVED		SHEET NO.	OF

REDUCED DRAWING