

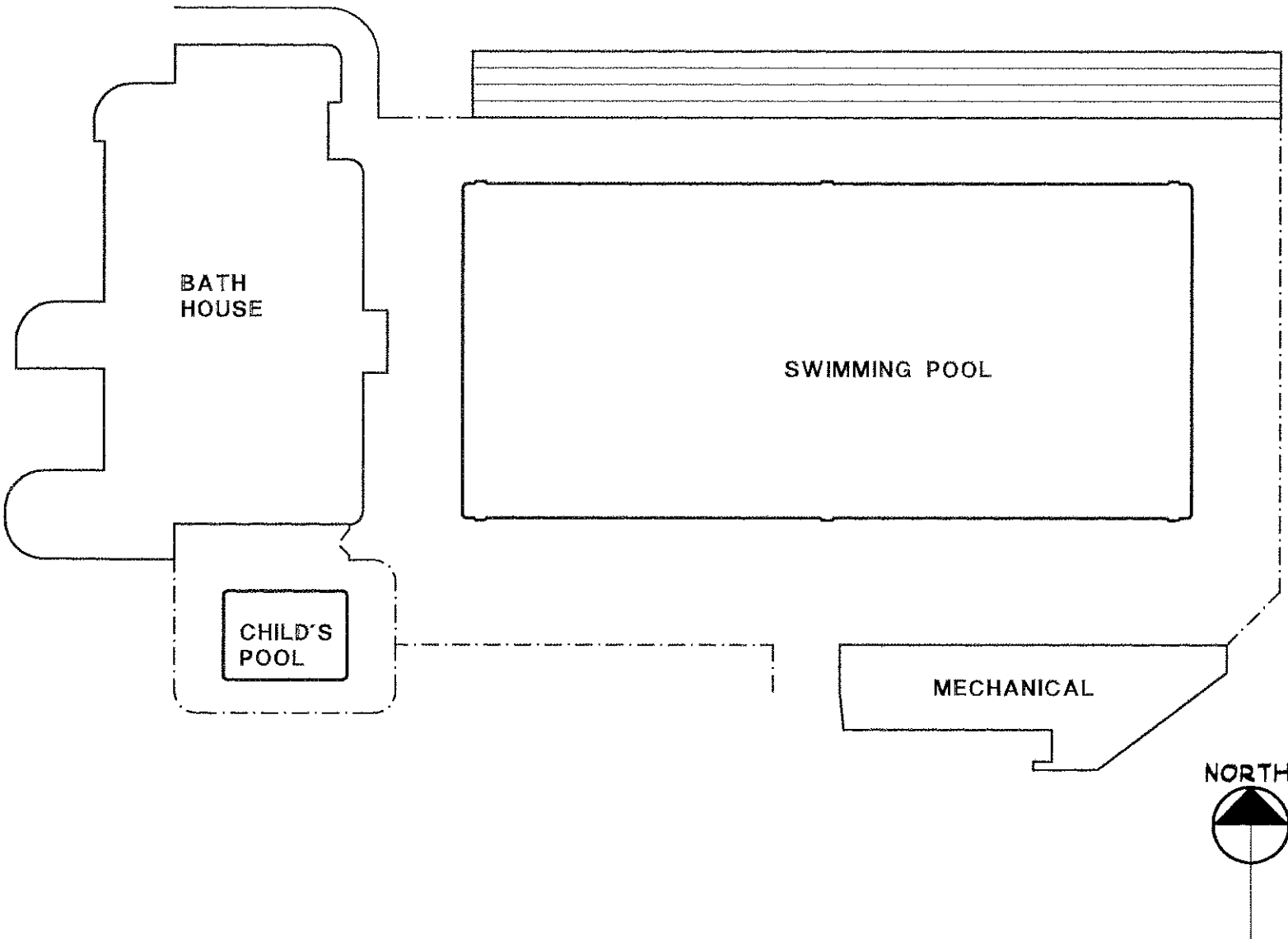
SINSHEIMER PARK POOL RENOVATION

Project #9216

for

SINSHEIMER PARK
900 SOUTHWOOD DRIVE
SAN LUIS OBISPO, CA 93401

1. PROTECT EXISTING WORK WHICH IS TO REMAIN IN PLACE OR IS TO BE RE-USED PER SPECIFICATION REQUIREMENTS.
2. AT ALL LOCATIONS IN POOL WHERE REBAR IS FOUND TO BE RUSTING THROUGH THE PLASTER IT MUST BE REMOVED AND REPLACED WITH EPOXY COATED REBAR WITH A MINIMUM OF 50 MM CONCRETE COVERAGE. FURNISH UNIT PRICE PER LINEAL METER OF REPLACEMENT REQUIRED.
3. ADDITIONAL WORK DETERMINED NECESSARY DURING CONSTRUCTION SHALL BE APPROVED BY THE SCHOOL AND THE OWNER'S REPRESENTATIVES PRIOR TO STARTING ADDITIONAL WORK.
4. BEFORE DRAINING THE POOL VERIFY GROUND WATER LEVEL AND TAKE ADEQUATE PRECAUTIONS AGAINST HYDROSTATIC DAMAGE TO THE POOL SHELL.
5. VERIFY EXISTING CONDITIONS AND ACCURACY OF DRAWING DIMENSIONS BEFORE STARTING WORK. REPORT DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE FOR INSTRUCTIONS BEFORE STARTING WORK.



SHEET #	SHEET TITLE
T-1.0	TITLE SHEET
D-1.0	SITE PLAN- DEMOLITION
D-2.0	SWIMMING POOL PLAN AND SECTION- DEMOLITION
D-3.0	CHILDRENS POOL PLAN AND SECTION- DEMOLITION
D-4.0	EQUIPMENT ROOM PLAN- DEMOLITION
SP-1.0	SITE PLAN
SP-2.0	SWIMMING POOL PLAN, SECTION, DATA AND DETAILS
SP-3.0	CHILDRENS POOL PLAN, SECTION, DATA AND DETAILS
SP-4.0	EQUIPMENT ROOM PLAN

RECORD DRAWING
DATE: 12/99 NO CHANGES BY: _____

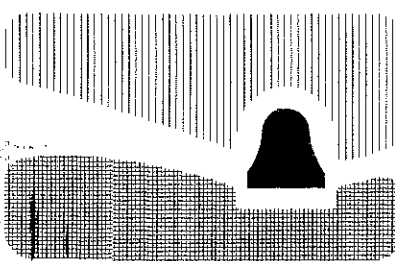


GENERAL NOTES

SITE PLAN

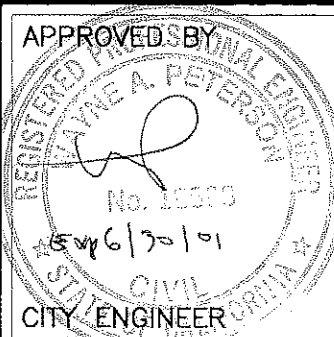
VICINITY MAP

SHEET INDEX



city of san luis obispo

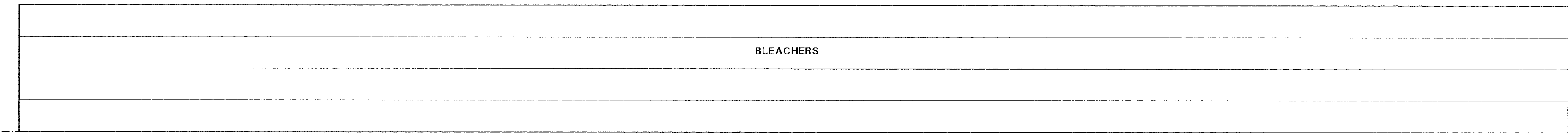
SINSHEIMER PARK
POOL RENOVATION



DATE	8-13-98
SCALE	AS NOTED
DESIGNED BY	R.J.B.
DRAWN BY	F.A.M.
CHECKED BY	R.J.B.
APPROVED BY	
UTILITIES DEPARTMENT	

TITLE SHEET

SPECIFICATION NO.	92-16
FILE NO./LOCATION	Card 101 B
SHEET	T-1.0
OF	



BLEACHERS

50.000 METERS

22.525 METERS

BATH HOUSE

SEE SHEET D-2.0
FOR SWIMMING POOL
DEMOLITION PLAN

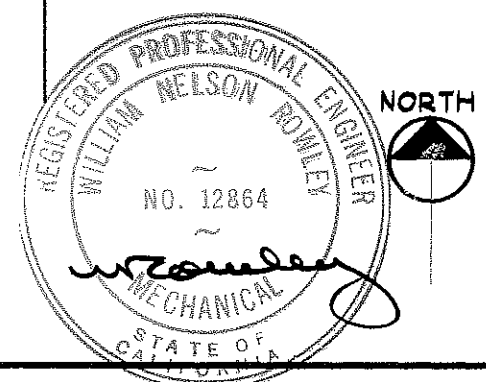
NOTE:
REMOVE ALL FLEXIBLE JOINT SEALANT
AROUND POOL. CLEAR OUT JOINTS AND PREPARE
FOR NEW SEALANT PER MANUFACTURER'S
REQUIREMENTS.

8.400 METERS

6.000 METERS

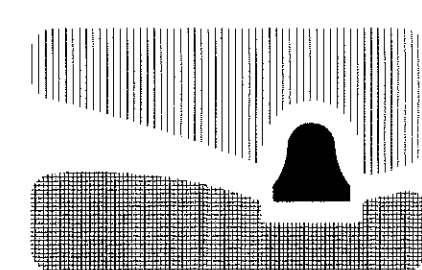
SEE SHEET D-3.0
FOR CHILDRENS POOL
DEMOLITION PLAN

SEE SHEET D-4.0
FOR MECHANICAL BUILDING
DEMOLITION PLAN



SITE PLAN-DEMOLITION

SCALE: 1:100



city of san luis obispo

**SINSHEIMER PARK
POOL RENOVATION**

APPROVED BY

CITY ENGINEER

DATE 8-13-98

SCALE AS NOTED

DESIGNED BY R.J.B.

DRAWN BY F.A.M.

CHECKED BY R.J.B.

APPROVED BY

UTILITIES DEPARTMENT

**SITE PLAN
DEMOLITION**

SPECIFICATION NO.

92-16

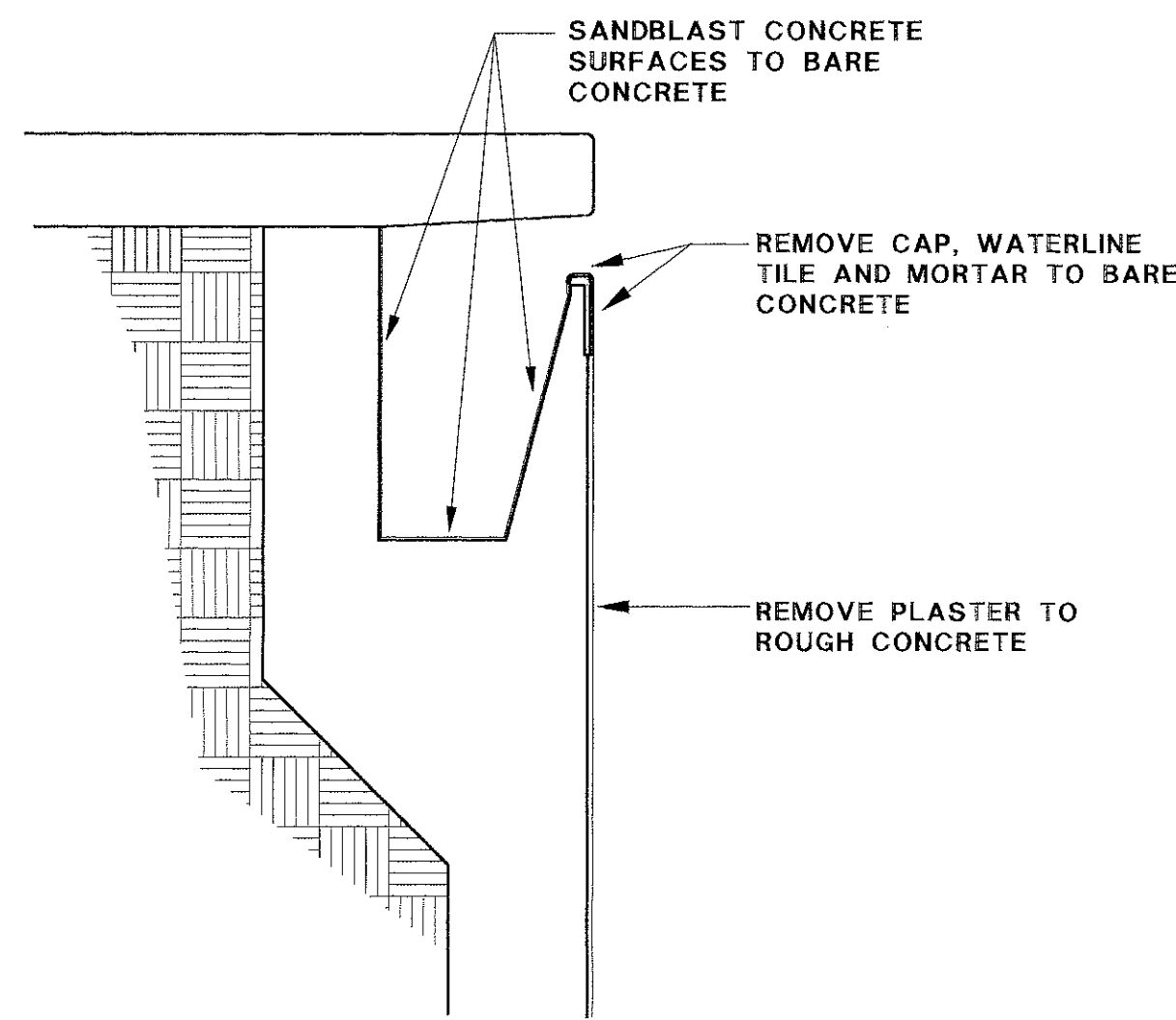
FILE NO./LOCATION

1041 and B

SHEET

D-1.0

OF

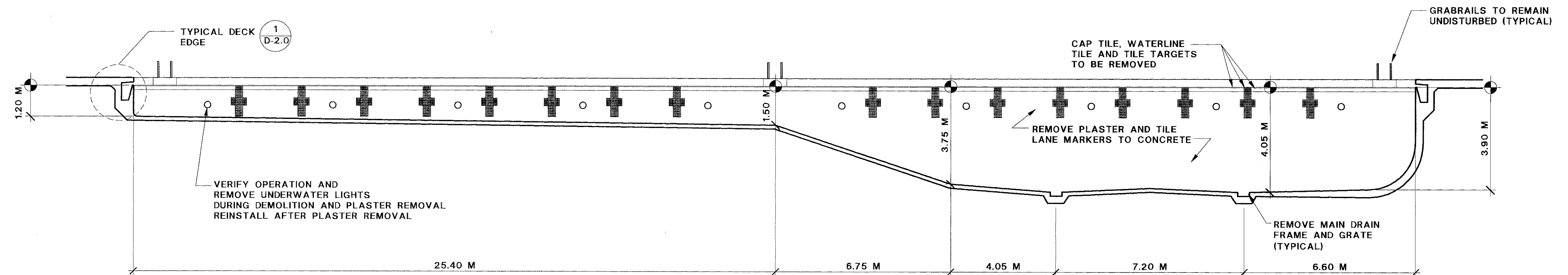


TYPICAL DECK EDGE- DEMO

SCALE: 1:20

1

NOTE:
RECESSED STEPS, DECK EDGE
DEPTH MARKERS, CUP ANCHORS AND CANTILEVER TO REMAIN
UNDISTURBED

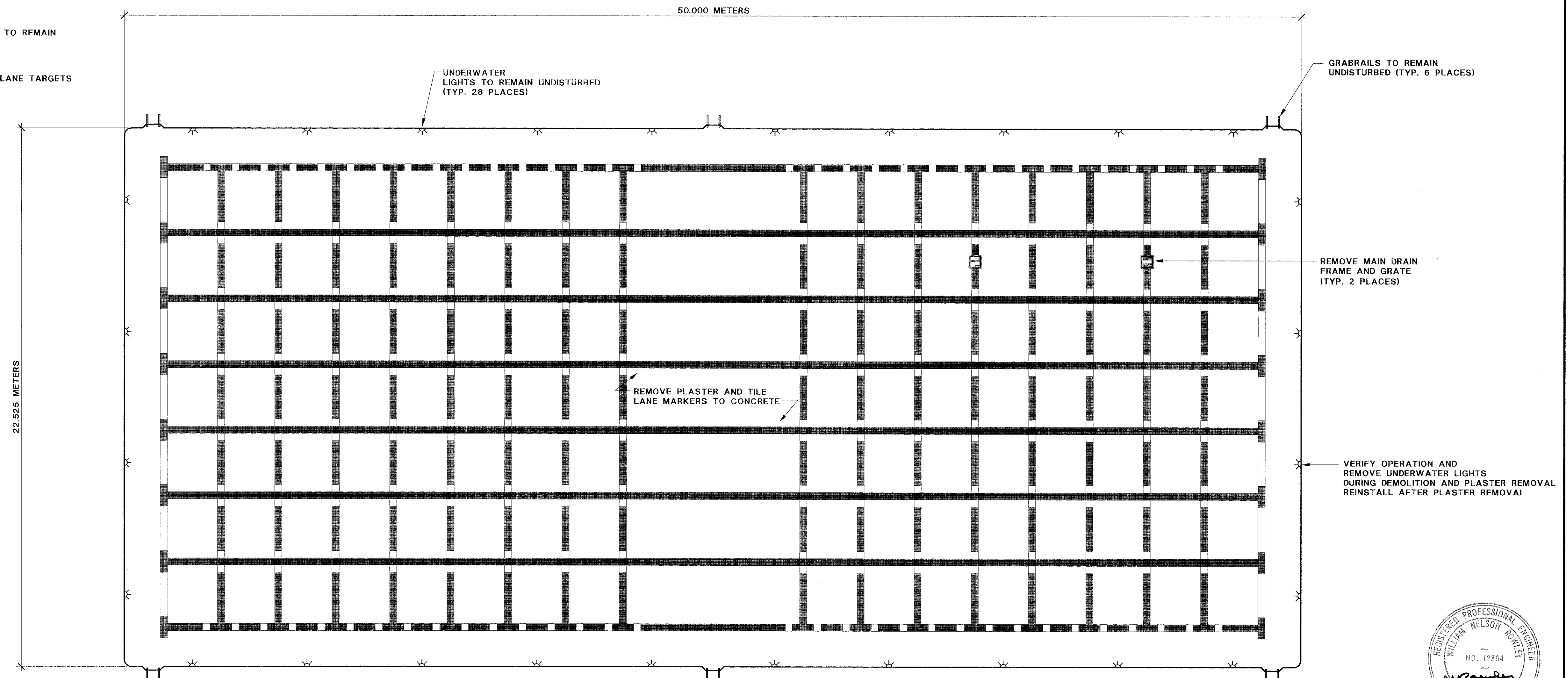


SWIMMING POOL SECTION-DEMOLITION

SCALE: 1:100

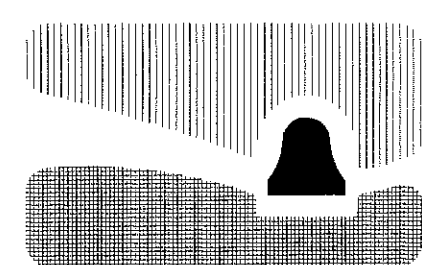
A

- NOTES:
1. RECESSED STEPS, DECK EDGE
DEPTH MARKERS, CUP ANCHORS, FLOOR RETURN INLETS AND CANTILEVER TO REMAIN UNDISTURBED
 2. SEE DETAIL 1/D-2.0 FOR TYPICAL DECK EDGE DEMOLITION
 3. CONTRACTOR TO VERIFY DIMENSIONS OF TILE LANE MARKINGS AND TILE LANE TARGETS FOR RE-INSTALLATION OF NEW TILED MARKERS AND TARGETS
 4. CONTRACTOR SHALL EMPLOY AN INDEPENDENT LICENSED SURVEYOR TO VERIFY DIMENSIONS PRIOR TO DEMOLITION AND PRIOR TO PLASTER.



SWIMMING POOL PLAN-DEMOLITION

SCALE: 1:100



city of san luis obispo

SINSHEIMER PARK
POOL RENOVATION

APPROVED BY

CITY ENGINEER

DATE 8-13-98

SCALE AS NOTED

DESIGNED BY R.J.B.

DRAWN BY F.A.M.

CHECKED BY R.J.B.

APPROVED BY

UTILITIES DEPARTMENT

SWIMMING POOL DEMO
SECTION AND TYPICAL DECK EDGE

SPECIFICATION NO.

92-16

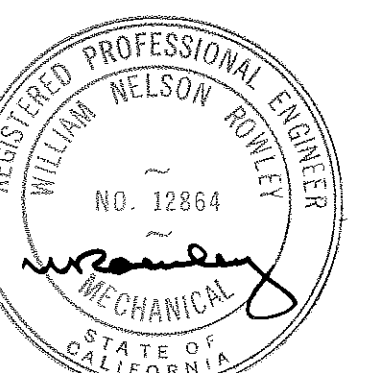
FILE NO./LOCATION

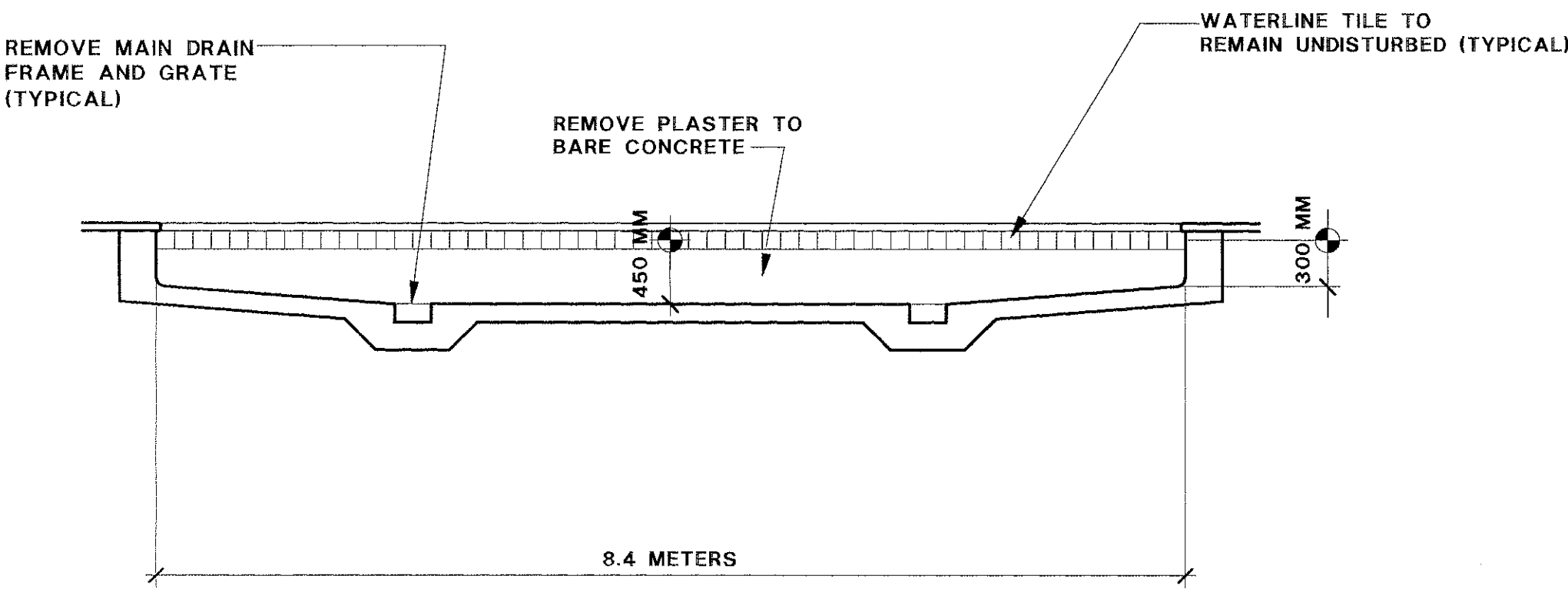
0014 0019 B

SHEET

D-2.0

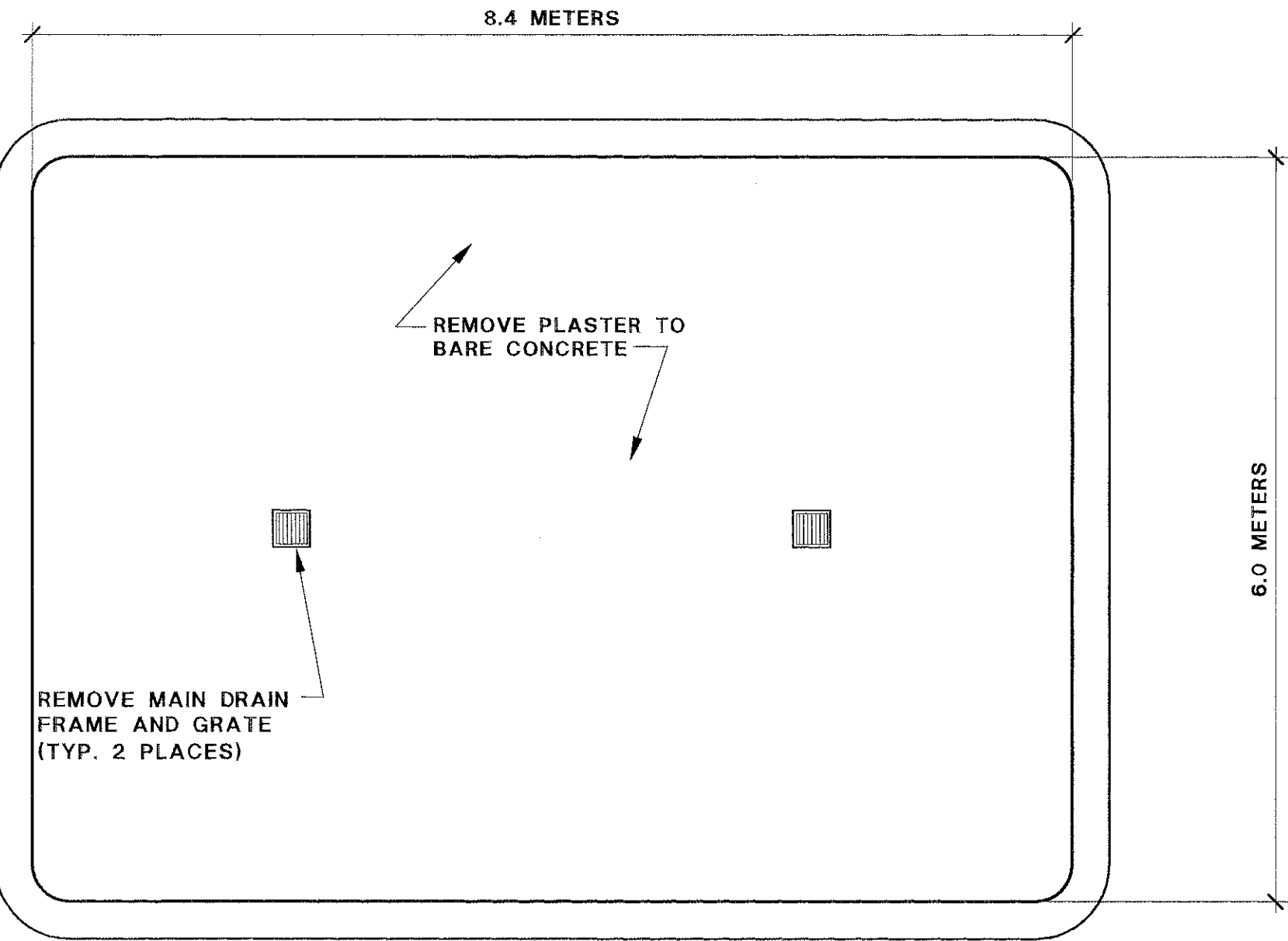
OF





CHILDRENS POOL SECTION- DEMOLITION
S C A L E: 1:50

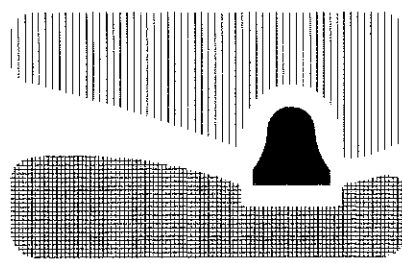
A



NOTE:
RETURN INLETS TO REMAIN UNDISTURBED



CHILDRENS POOL PLAN- DEMOLITION
S C A L E: 1:50



city of san luis obispo

**SINSHEIMER PARK
POOL RENOVATION**

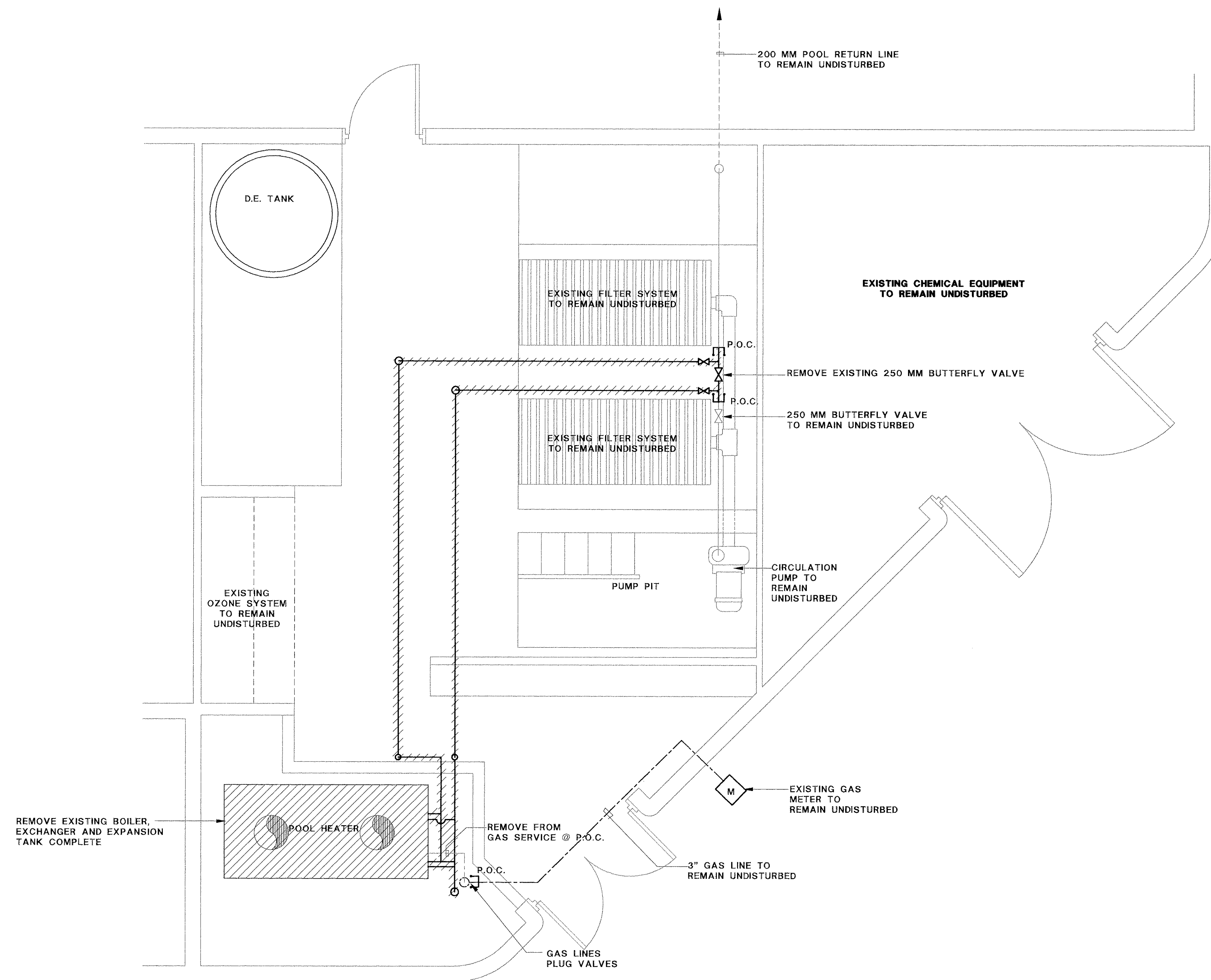
APPROVED BY

CITY ENGINEER

DATE 8-13-98
SCALE AS NOTED
DESIGNED BY R.J.M.
DRAWN BY F.A.M.
CHECKED BY R.J.M.
APPROVED BY
UTILITIES DEPARTMENT

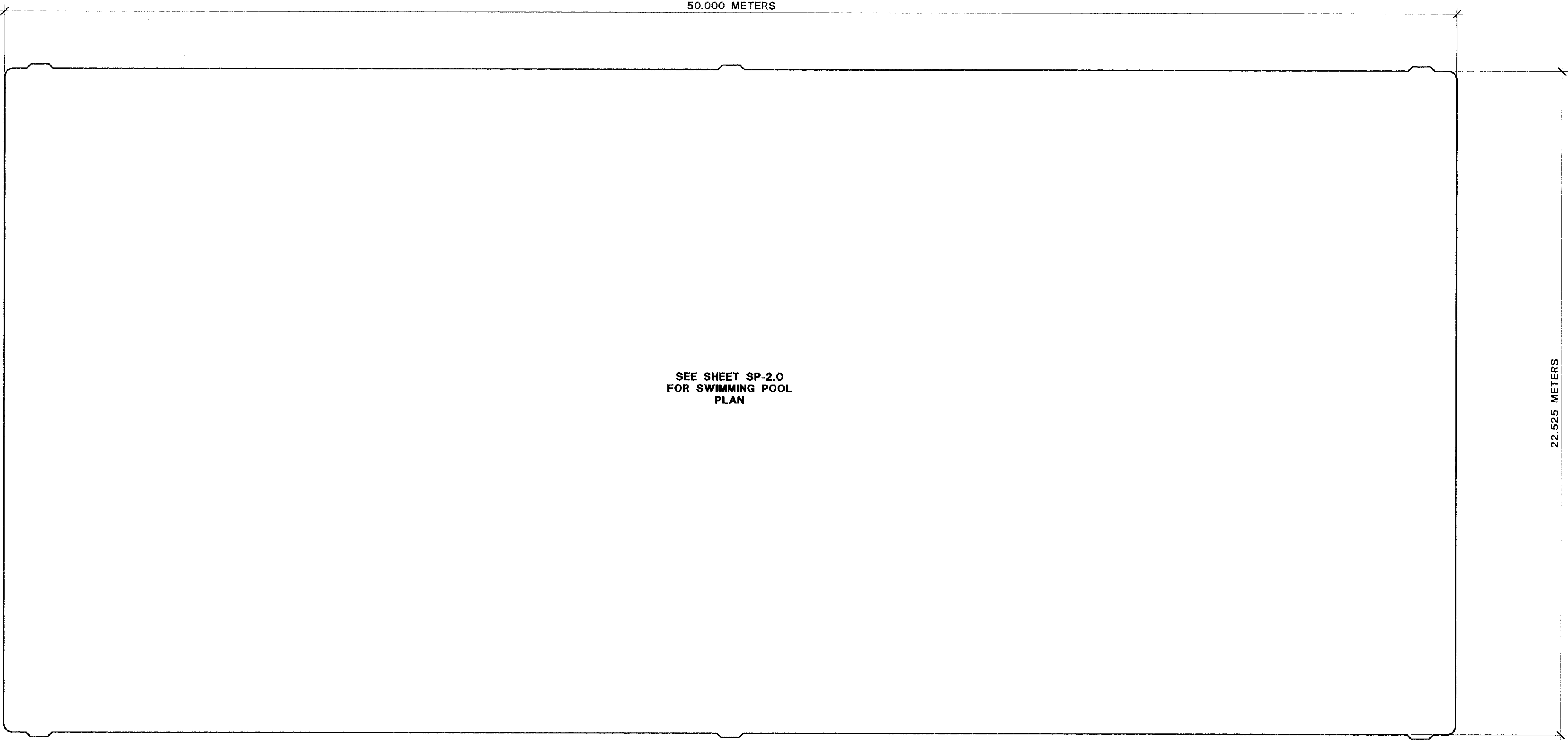
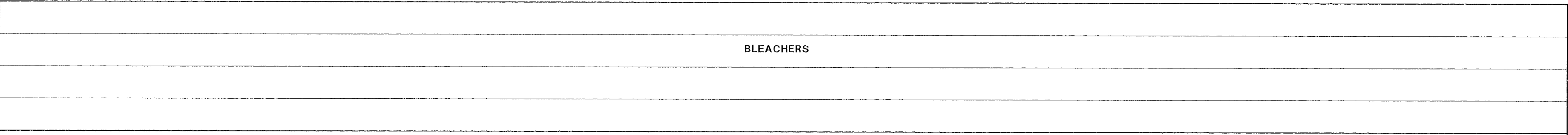
**CHILDREN'S POOL
POOL AND SECTION DEMOLITION**

SPECIFICATION NO. 92-16
FILE NO./LOCATION 0014 B
SHEET D-3.0
OF

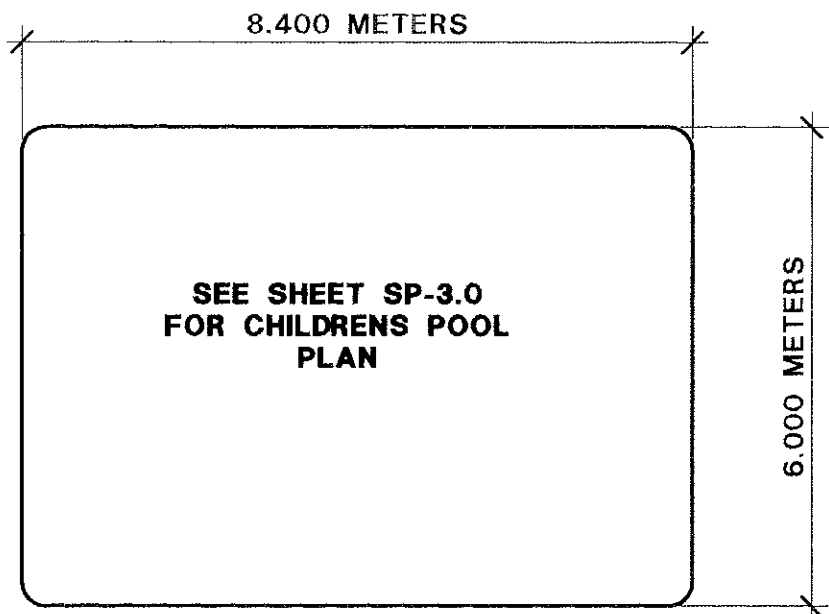


EQUIPMENT ROOM PLAN- DEMOLITION

SCALE: 1/50

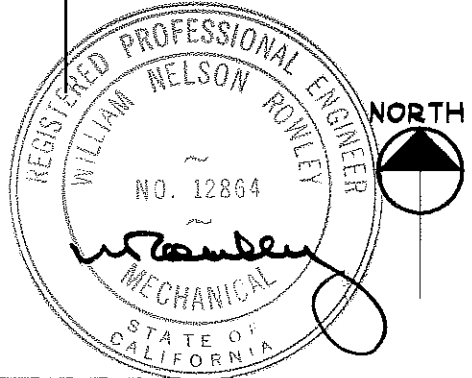


BATH HOUSE



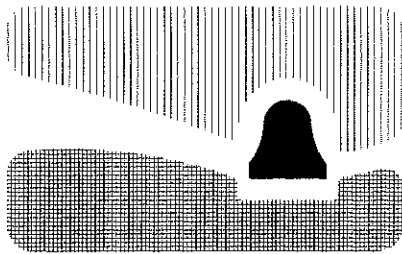
NOTE:
FILL ALL DECK JOINTS AS REQUIRED
WITH POLYSULFIDE SEALANT. INSTALL PER
MANUFACTURER'S REQUIREMENTS.

SEE SHEET SP-4.0
FOR MECHANICAL BUILDING
DEMOLITION PLAN



SITE PLAN

S C A L E: 1:100



city of san luis obispo

**SINSHEIMER PARK
POOL RENOVATION**

APPROVED BY

CITY ENGINEER

DATE 8-13-98

SCALE AS NOTED

DESIGNED BY R.J.B.

DRAWN BY F.A.M.

CHECKED BY R.J.B.

APPROVED BY

UTILITIES DEPARTMENT

SITE PLAN

SPECIFICATION NO.

92-16

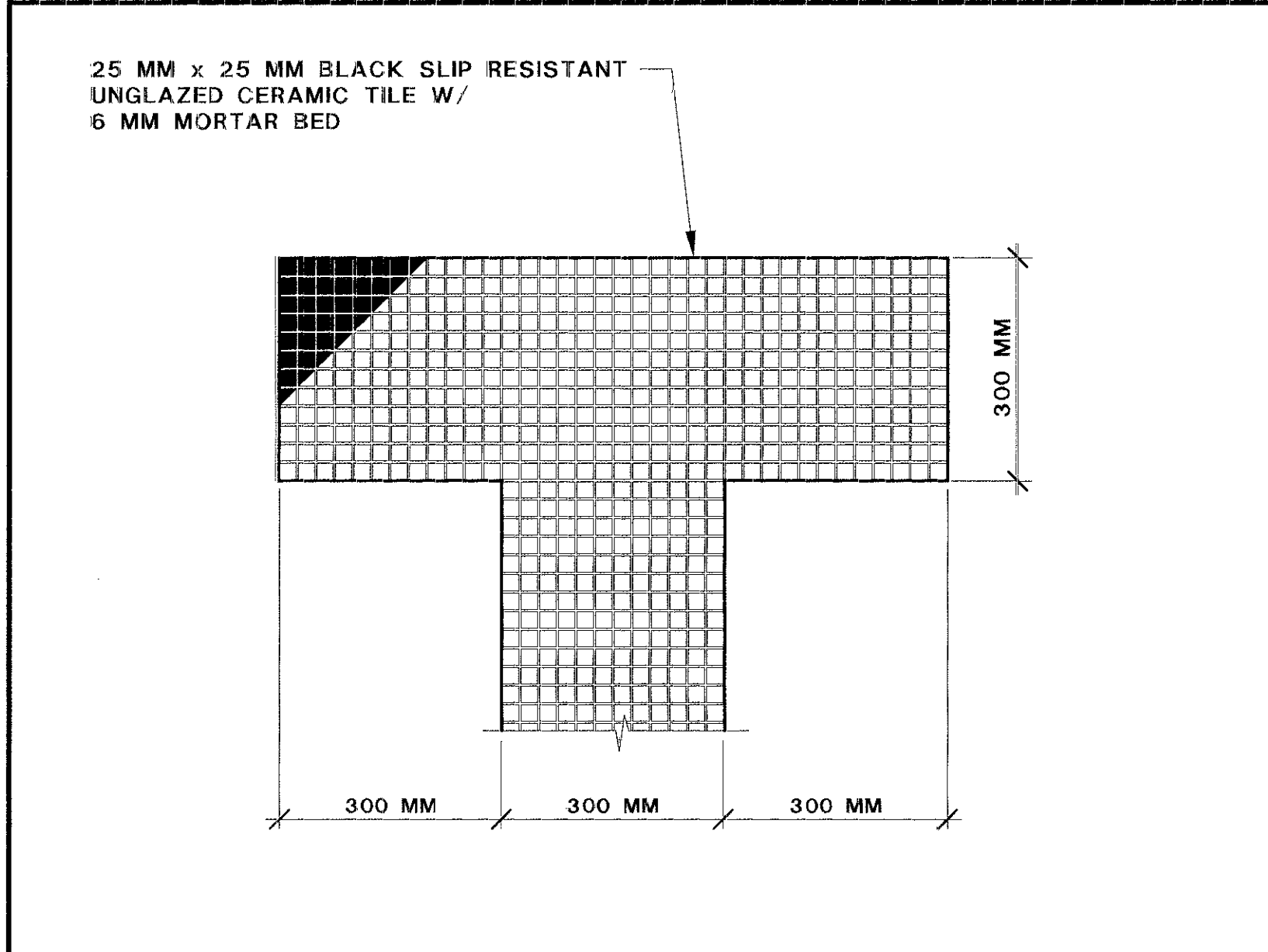
FILE NO./LOCATION

COM B

SHEET

SP-1.0

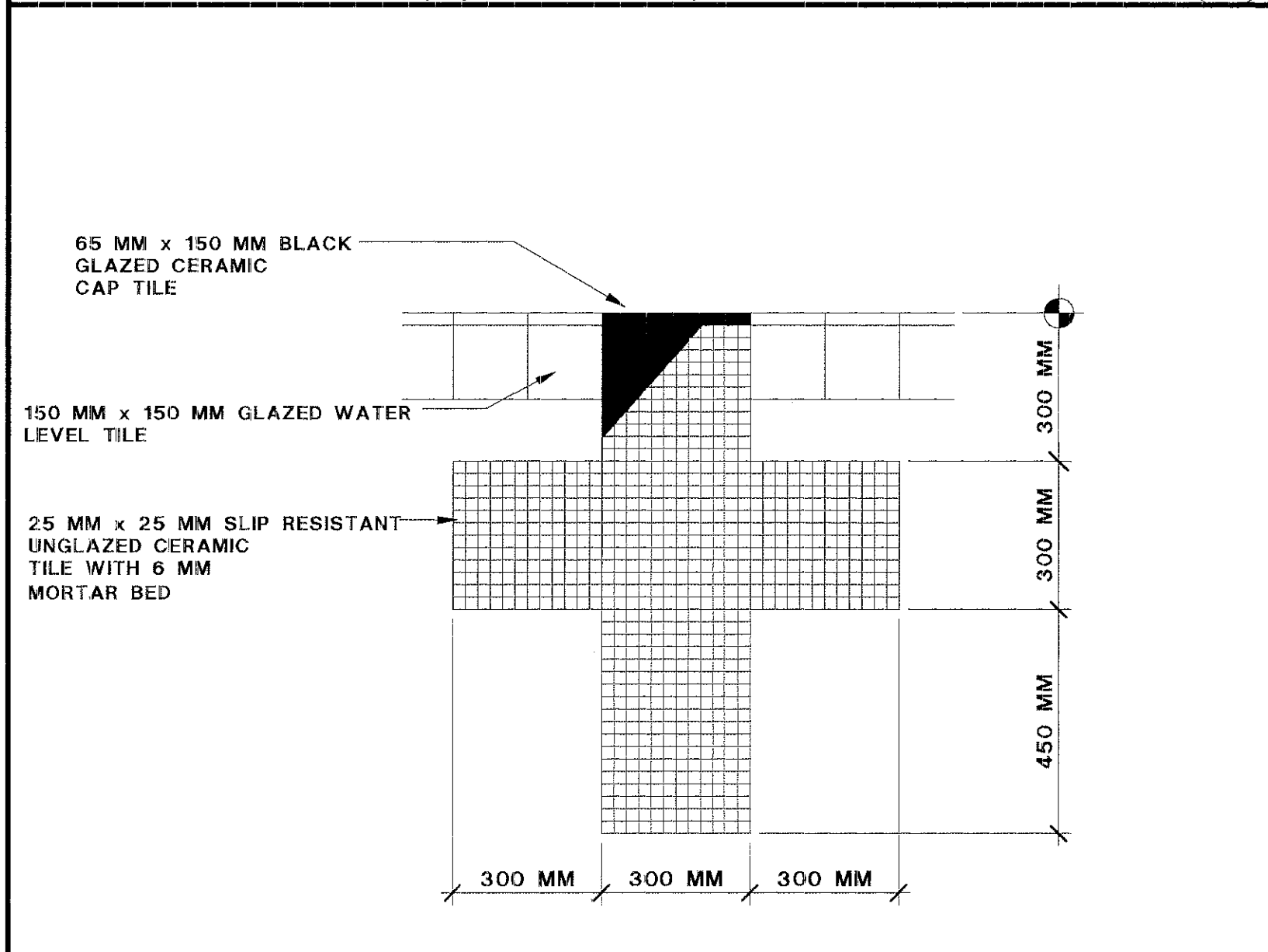
OF



RACING LANE MARKER

SCALE: 1:5

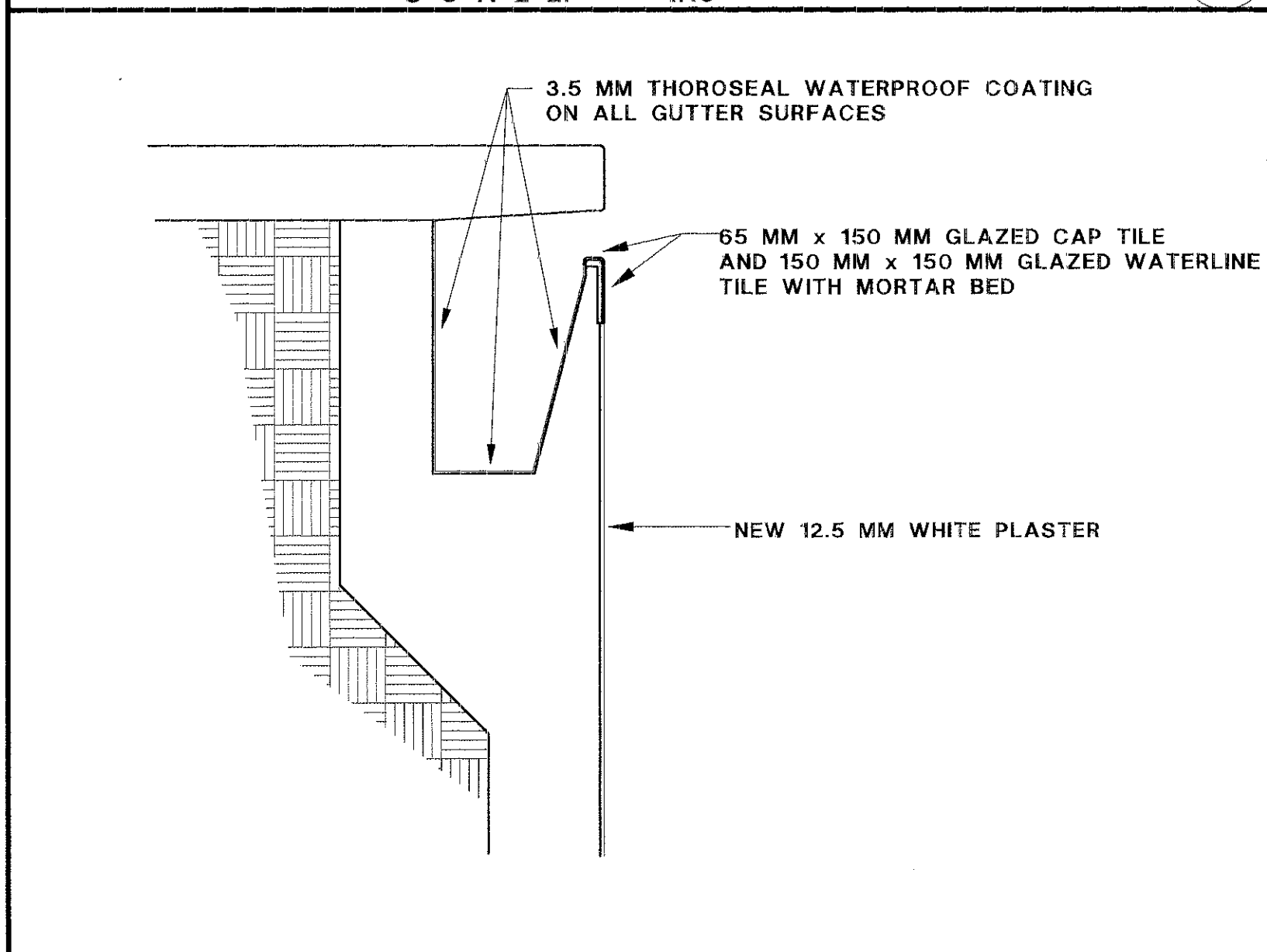
3



RACING LANE TARGET

SCALE: 1:10

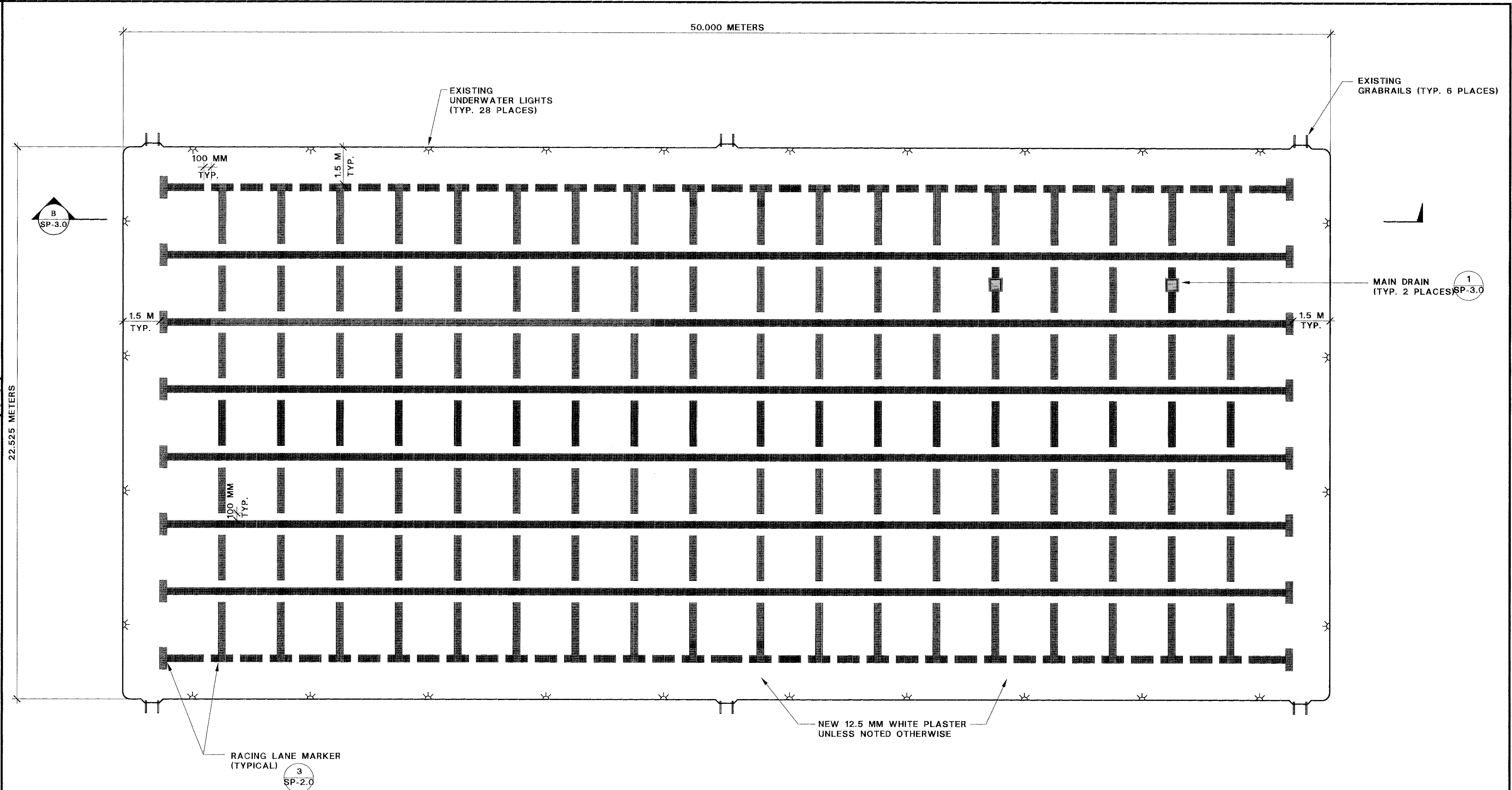
2



TYPICAL DECK EDGE

SCALE: 1:20

1



DIMENSIONS

LENGTH	50 METERS
WIDTH	22.525 METERS
PERIMETER	145.05 METERS
SURFACE AREA	1126.25 SQ. METERS
MINIMUM DEPTH	1.2 METERS
MAXIMUM DEPTH	3.9 METERS
VOLUME	3,022,000 L

LIGHTING

NUMBER OF LIGHTS	EXISTING
WATTAGE PER LIGHT	EXISTING
WATTAGE PER SQUARE FOOT	EXISTING
TOTAL WATTAGE	EXISTING

HEATING

INPUT CAPACITY	1,000,000 BTU/HR
----------------	------------------

FILTERS

FILTER TYPE	EXISTING
FILTER AREA	EXISTING
FILTER FLOW RATE	EXISTING
BACKWASH RATE	EXISTING
BACKWASH VALVE	EXISTING

CIRCULATION SYSTEM

POOL PUMP	EXISTING
POOL TURNOVER	EXISTING

NOTES:

1. INSTALL POOL EDGE TILE IN 50-METER POOL LEVEL AROUND POOL WITH A MAXIMUM TOLERANCE OF ± 1.5 MM.
2. SWIMMING POOL SHALL COMPLY WITH ALL HEALTH DEPARTMENT REQUIREMENTS.
3. ALL STAINLESS STEEL ITEMS TO BE GRADE 304 OR BETTER.
4. SEE DETAIL 2/SP-3.0 FOR FLOOR INLET TILE (TYPICAL).
5. ALL COMPETITIVE DIMENSIONS MUST BE MAINTAINED FOR ALL COURSES.
6. CONTRACTOR SHALL EMPLOY AN INDEPENDENT LICENSED SURVEYOR TO VERIFY DIMENSIONS PRIOR TO DEMOLITION AND PRIOR TO PLASTER.
7. PROTECT EXISTING WORK WHICH IS TO REMAIN IN PLACE OR IS TO BE REUSED PER SPECIFICATION REQUIREMENTS.
8. AT ALL LOCATIONS IN POOL WHERE REBAR IS RUSTING THROUGH THE PLASTER IT MUST BE REMOVED AND REPLACED WITH EPOXY COATED REBAR WITH A MINIMUM OF 50 MM CONCRETE COVERAGE.
9. VERIFY THE INTEGRITY OF ALL WORK TO REMAIN.
10. ADDITIONAL WORK DETERMINED NECESSARY DURING CONSTRUCTION SHALL BE APPROVED BY THE CITY AND THE OWNER'S REPRESENTATIVE.
11. BEFORE DRAINING THE POOL VERIFY THE GROUND WATER LEVEL AND TAKE ADEQUATE PRECAUTIONS AGAINST HYDROSTATIC DAMAGE TO THE POOL SHELL.
12. VERIFY THE WATERTIGHT INTEGRITY OF ALL UNDERWATER LIGHT NICHES AND CONDUIT. CONFIRM LOW WATER SHUT-OFF PROTECTION OF LIGHTS. NOTIFY ENGINEER FOR INSTRUCTIONS BEFORE STARTING ANY ADDITIONAL WORK.
13. VERIFY EXISTING CONDITIONS AND ACCURACY OF DRAWING DIMENSIONS BEFORE STARTING WORK. REPORT DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE FOR INSTRUCTIONS BEFORE STARTING WORK.
14. THE CONTRACTOR SHALL REMOVE PORTIONS OF WORK EXCEEDING THE TOLERANCES OF THE NCAA, FINA AND US SWIMMING AND REPLACE WITH NEW CONSTRUCTION THAT CONFORMS TO THE TOLERANCES AT NO COST TO THE CITY. TOLERANCES APPLY TO ALL PORTIONS OF WALL FROM WATER LEVEL TO 1.07 M DOWN.



SWIMMING POOL DATA

SWIMMING POOL PLAN

SCALE: 1:100



**SINSHEIMER PARK
POOL RENOVATION**

APPROVED BY

CITY ENGINEER

DATE 8-13-98

SCALE AS NOTED

DESIGNED BY R.J.B.

DRAWN BY F.A.M.

CHECKED BY R.J.B.

APPROVED BY

UTILITIES DEPARTMENT

**SWIMMING POOL
PLAN AND DETAILS**

SPECIFICATION NO.

92-16

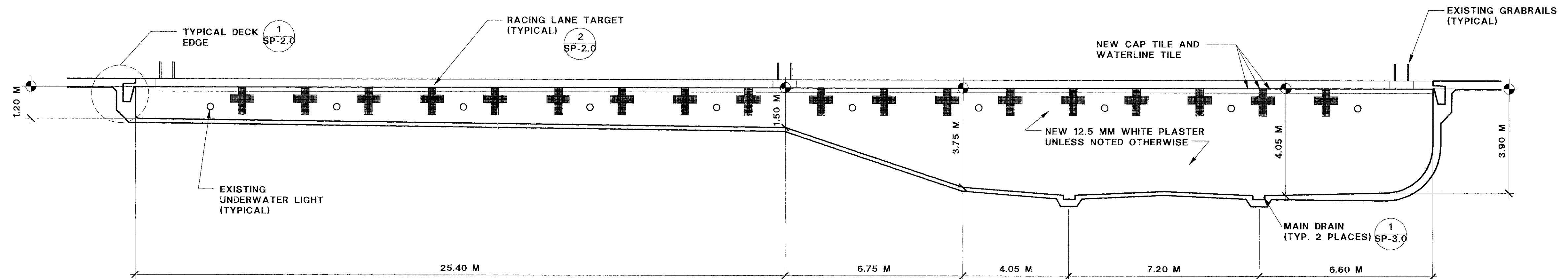
FILE NO./LOCATION

0014 B

SHEET

SP-2.0

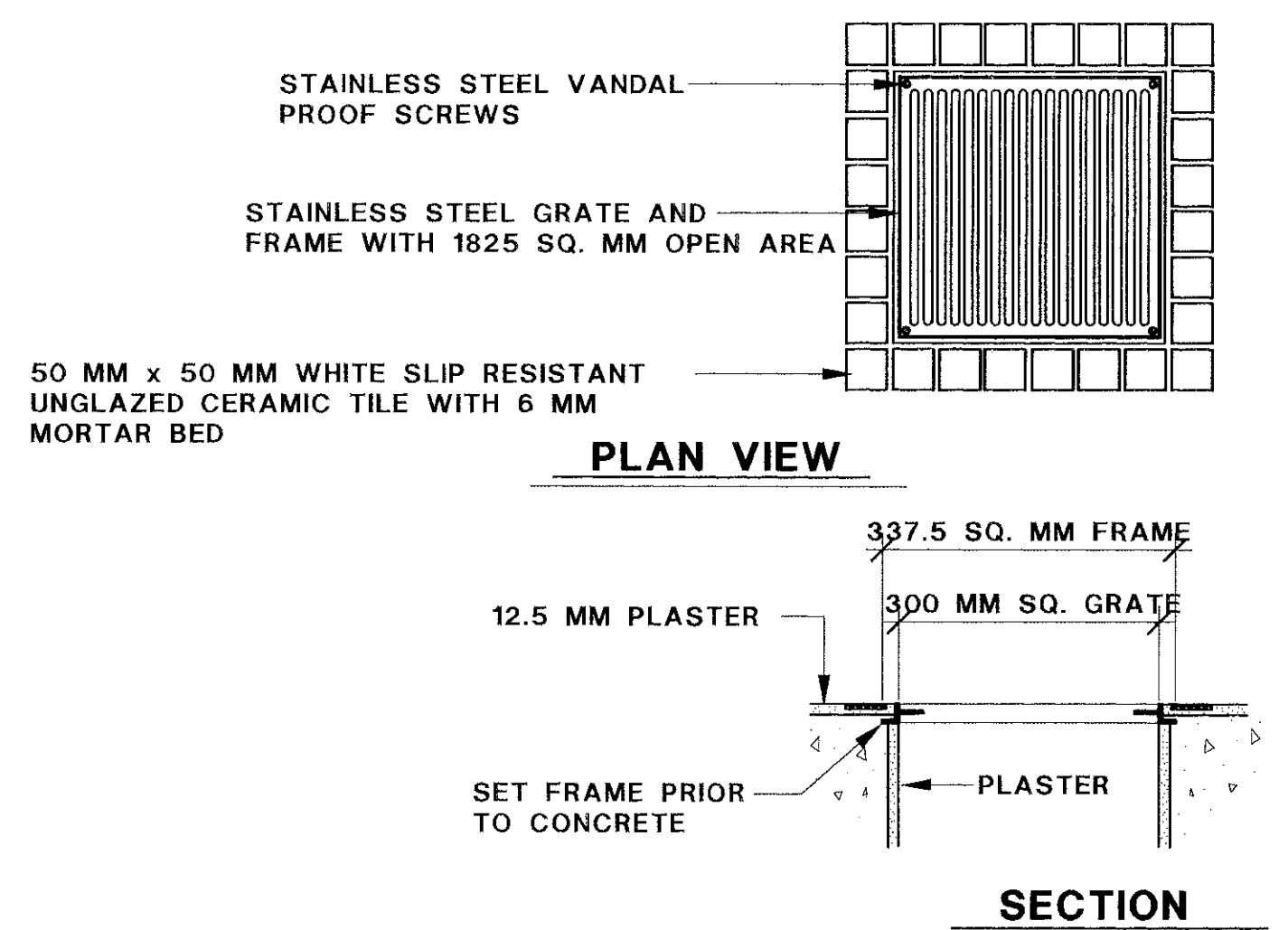
OF



SWIMMING POOL SECTION

SCALE: 1:100

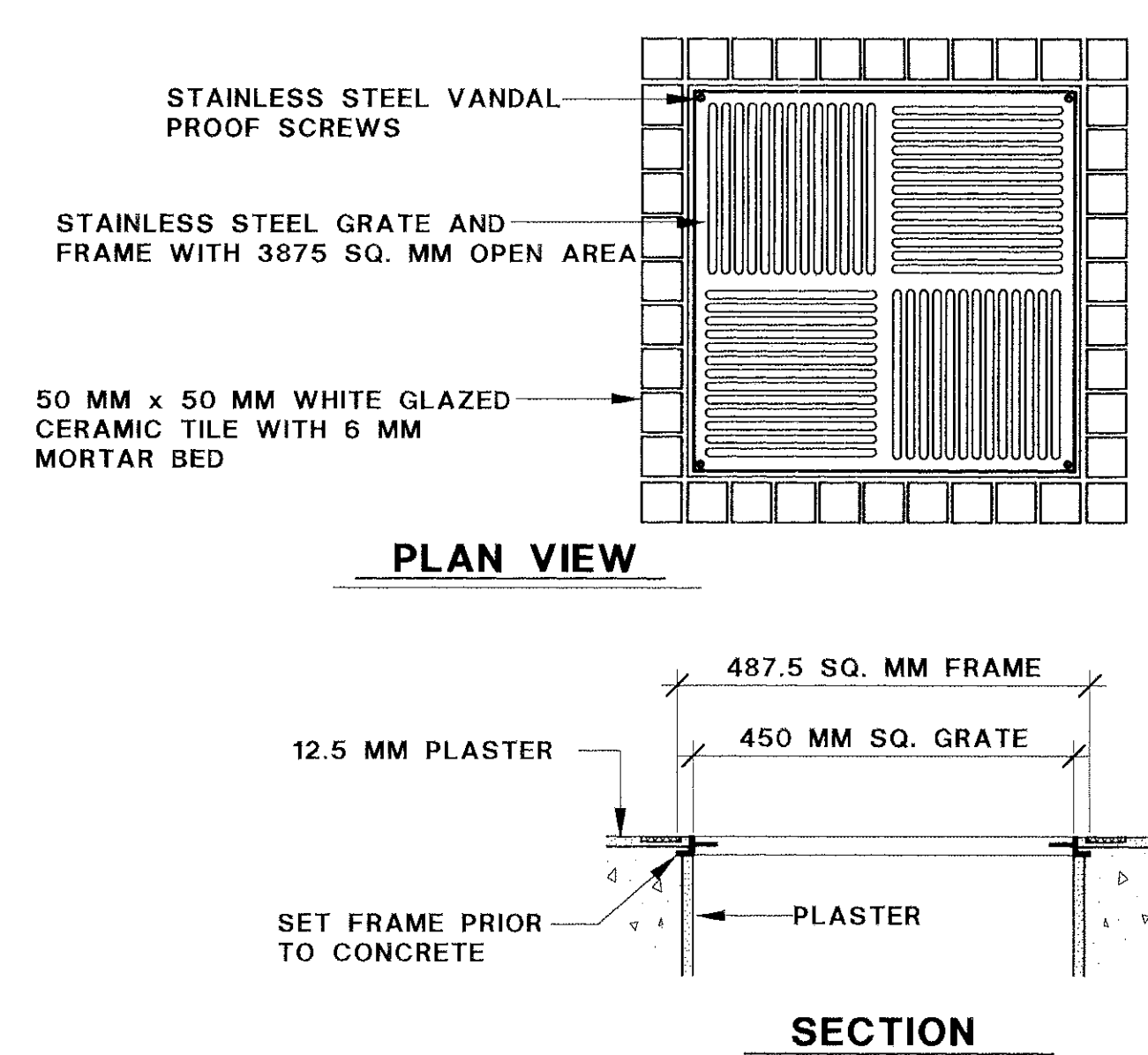
B



300 MM MAIN DRAIN TILE

SCALE: NTS

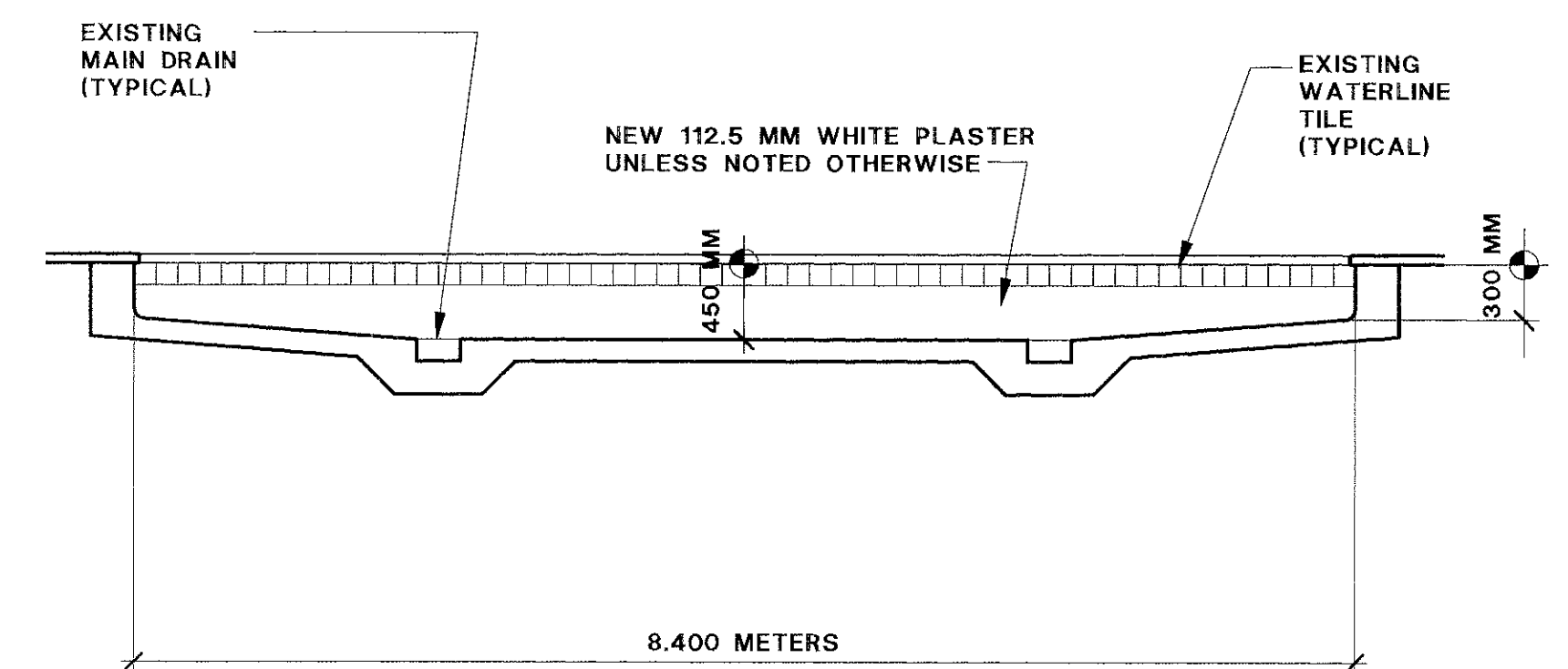
3



350 MM MAIN DRAIN

SCALE: NTS

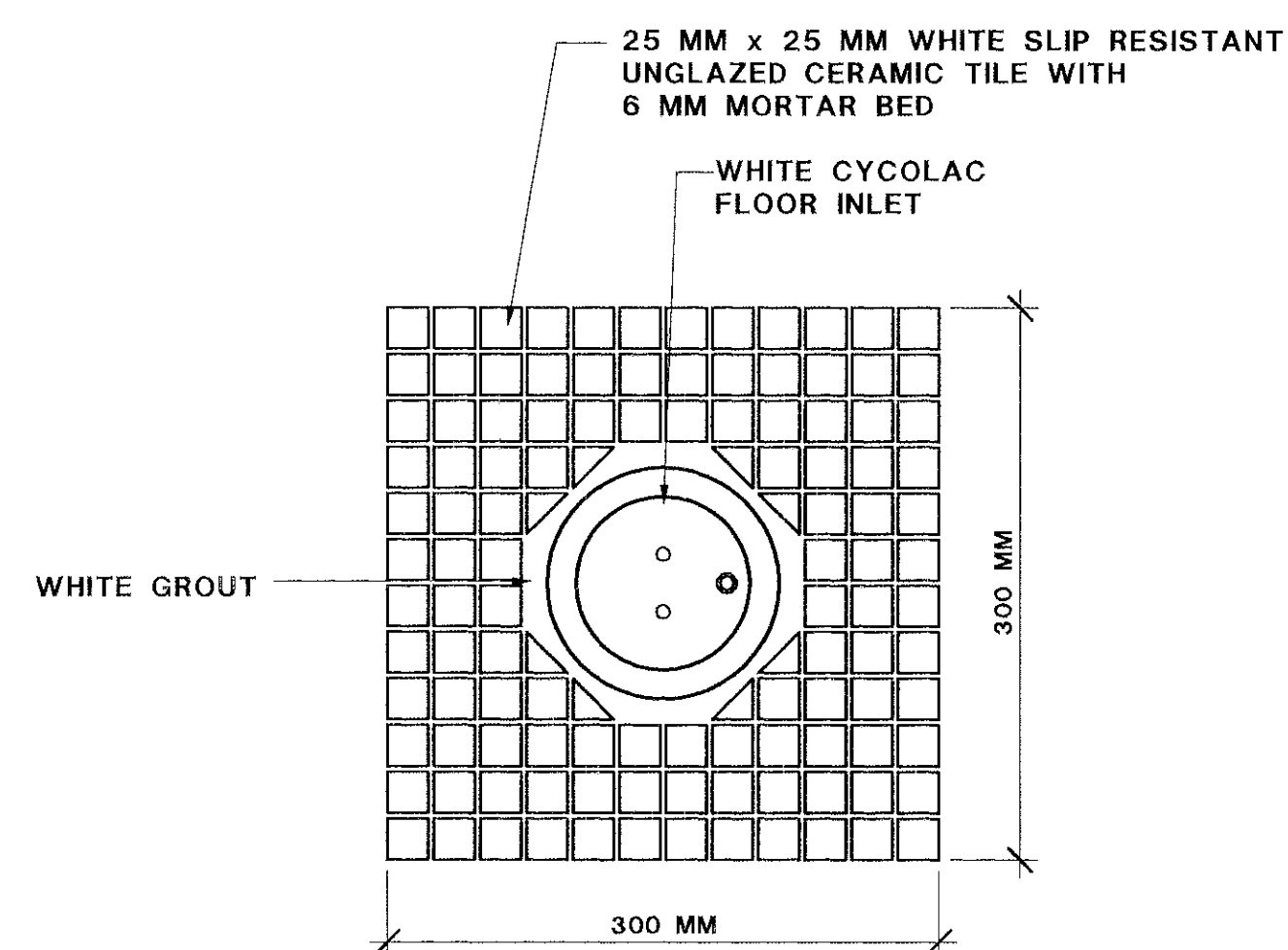
1



CHILDRENS POOL SECTION

SCALE: 1:50

A



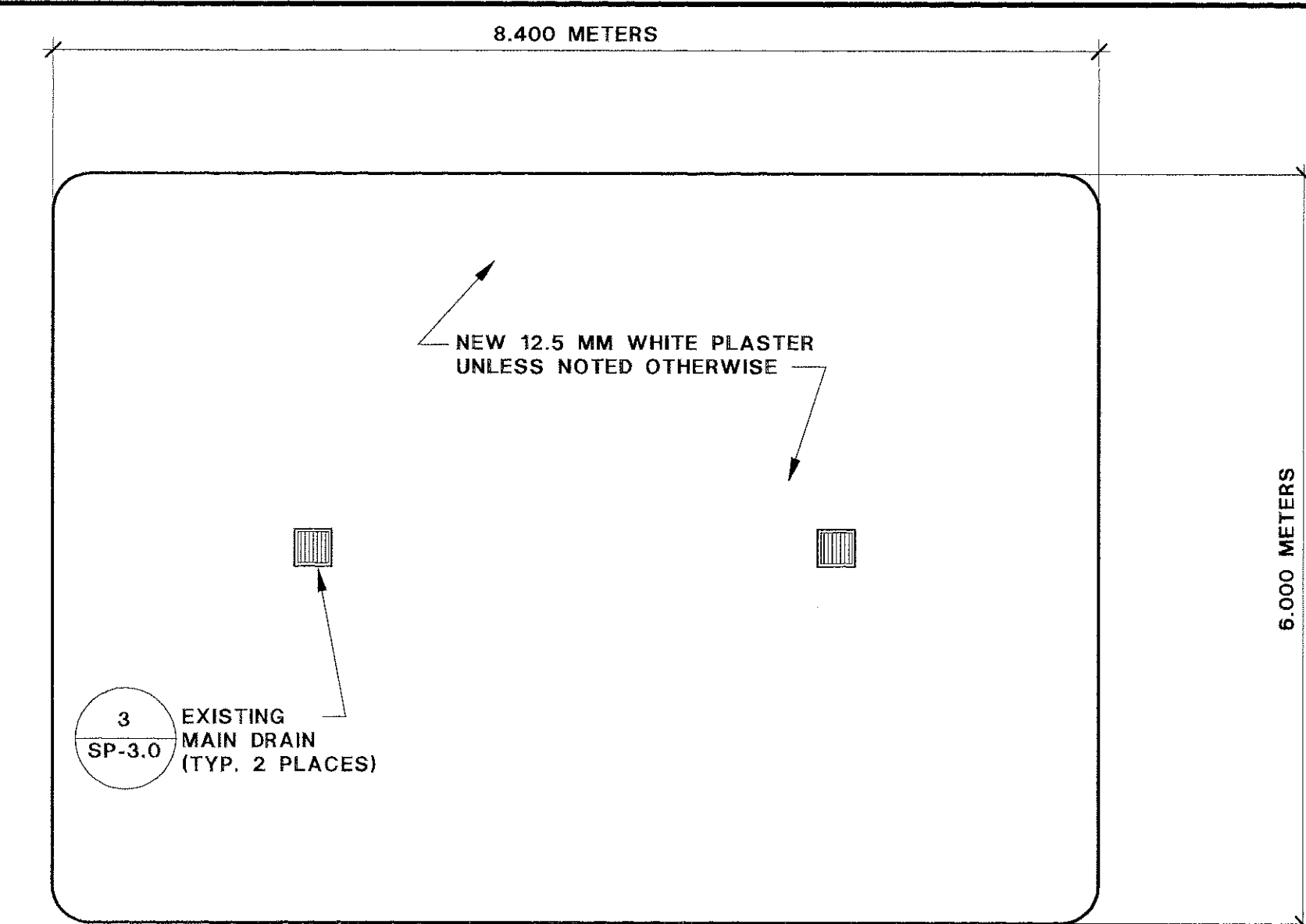
FLOOR INLET TILE

SCALE: NTS

2

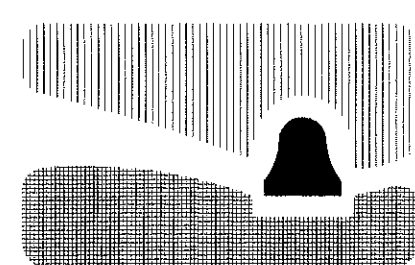
DIMENSIONS	
LENGTH	8.4 METERS
WIDTH	6 METERS
PERIMETER	28.8 METERS
SURFACE AREA	50.4 SQ. METERS
MINIMUM DEPTH	300 MM
MAXIMUM DEPTH	450 MM
VOLUME	21,800 L
FILTERS	
FILTER TYPE	EXISTING
FILTER AREA	EXISTING
FILTER FLOW RATE	EXISTING
BACKWASH RATE	EXISTING
BACKWASH VALVE	EXISTING
CIRCULATION SYSTEM	
POOL PUMP	EXISTING
POOL TURNOVER	EXISTING
SKIMMERS	
QUANTITY	EXISTING
POOL AREA PER SKIMMER	EXISTING
SKIMMER MANUFACTURER	EXISTING
SKIMMER MODEL NUMBER	EXISTING

CHILDRENS POOL DATA



CHILDRENS POOL PLAN

SCALE: 1:50



city of san luis obispo

SINSHEIMER PARK
POOL RENOVATION

APPROVED BY

CITY ENGINEER

DATE 8-13-98

SCALE AS NOTED

DESIGNED BY R.J.B.

DRAWN BY F.A.M.

CHECKED BY R.J.B.

APPROVED BY

UTILITIES DEPARTMENT

CHILDREN'S POOL
PLAN, SECTION AND DETAILS

SPECIFICATION NO.

92-16

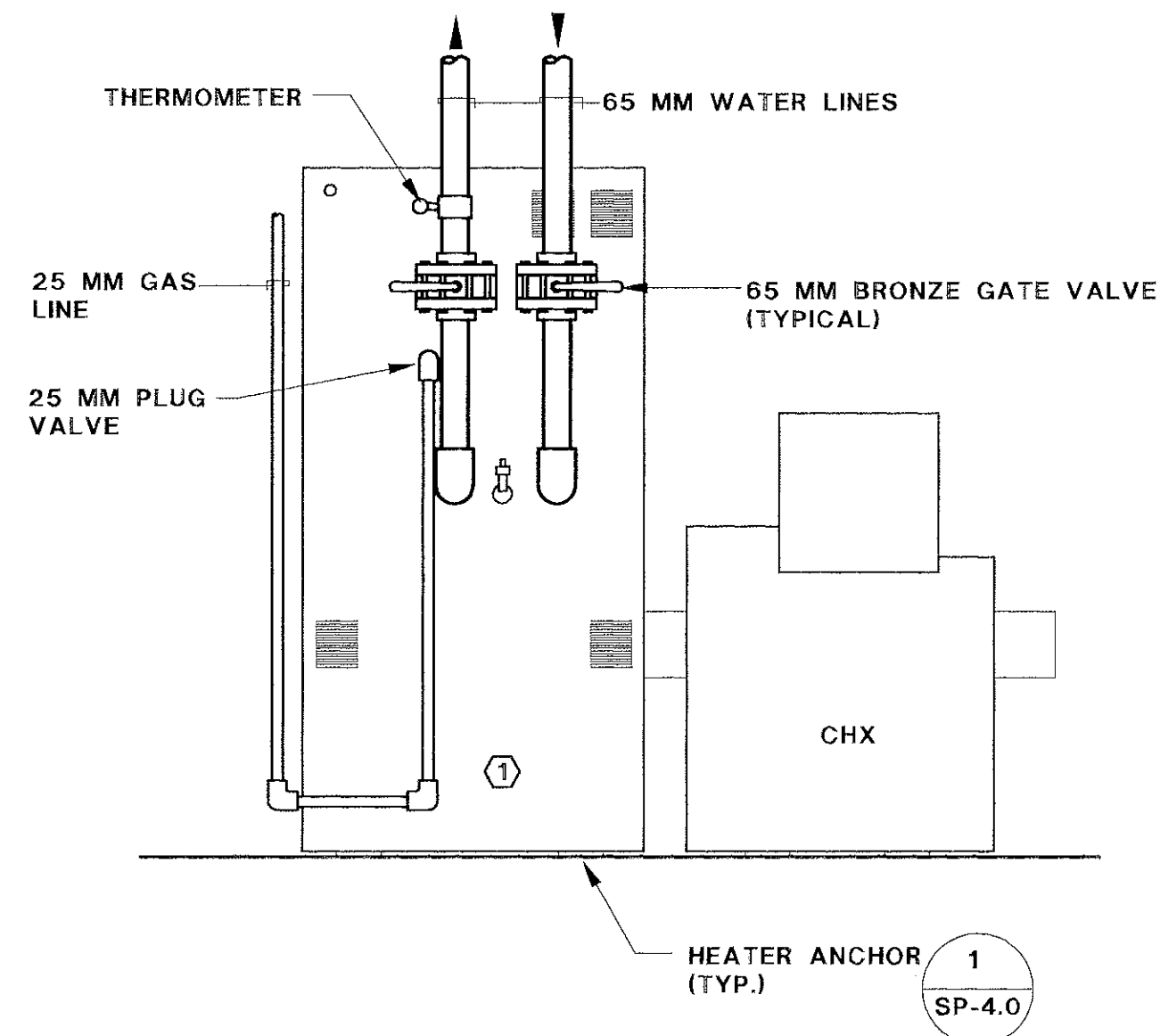
FILE NO./LOCATION

0014 B

SHEET

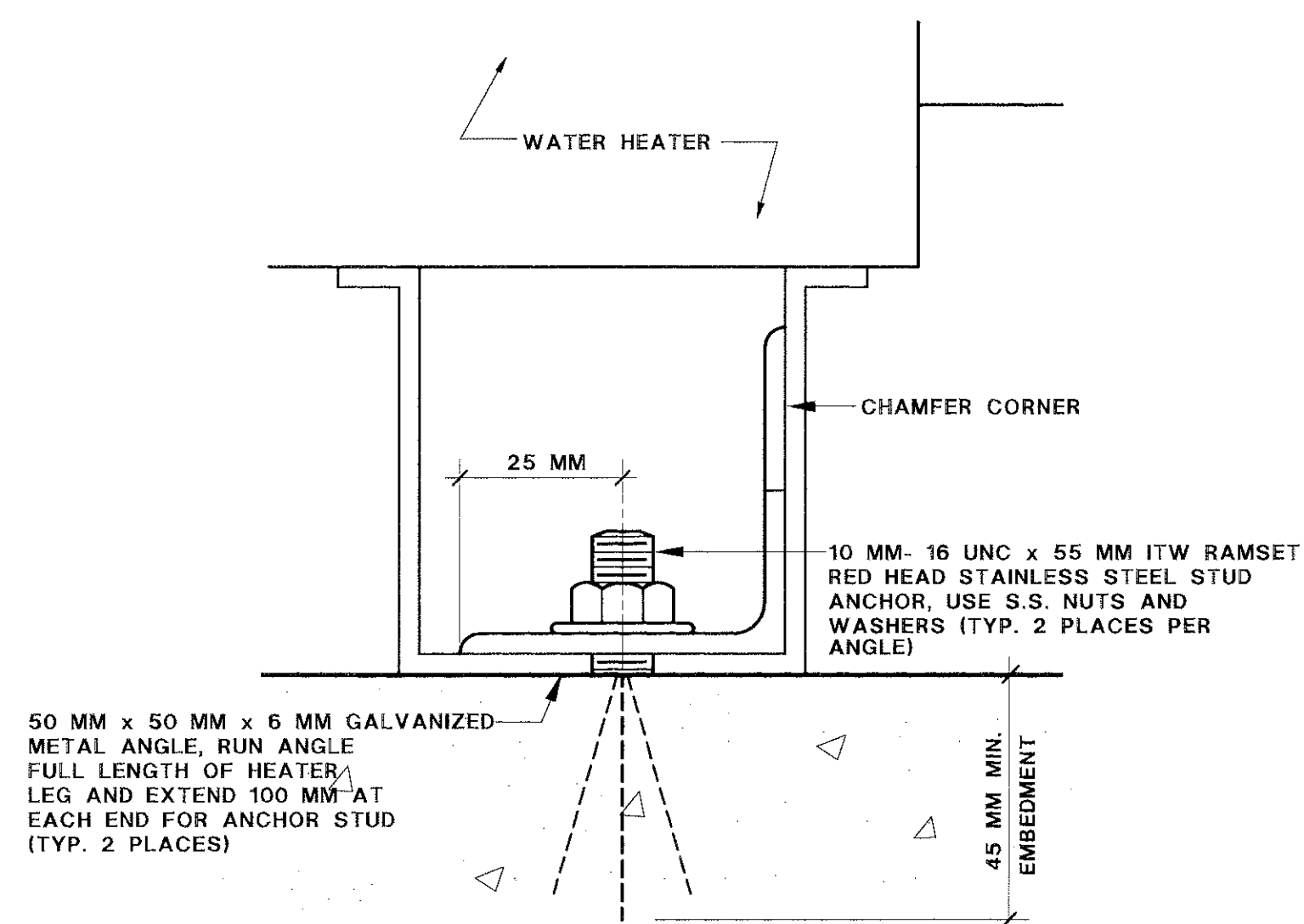
SP-3.0

OF



TYPICAL HEATER ELEVATION

SCALE: 1:20

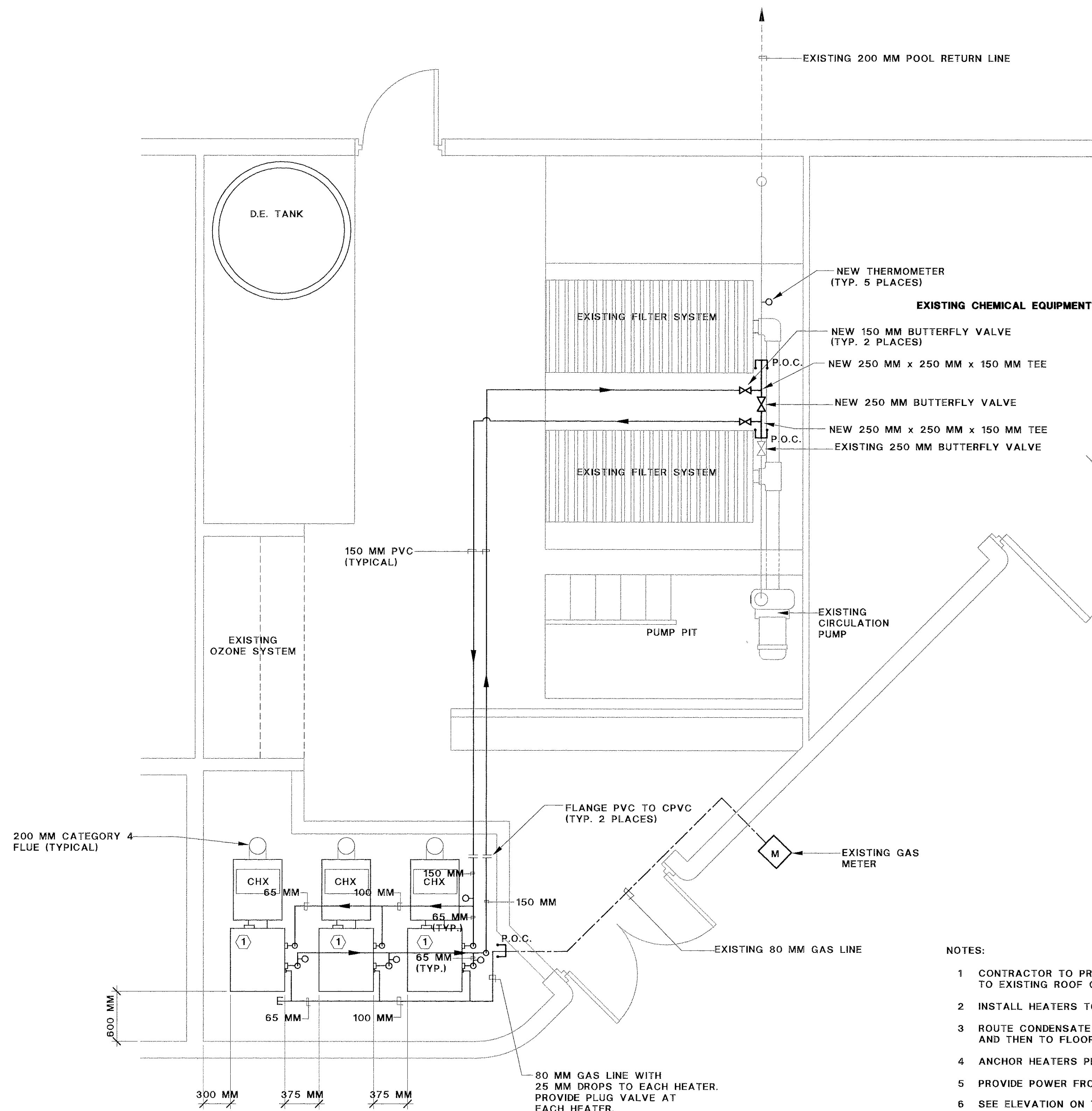


HEATER ANCHOR

SCALE: NTS

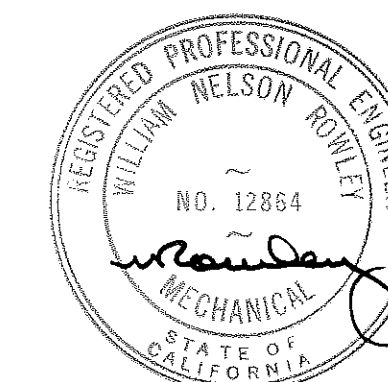
- ① HEATER- (3) RAYPAK #ADB-1000, 1,000,000 BTUH INPUT, 115V, 60HZ, 1 ϕ , 65 MM WATER CONNECTION, 25 MM GAS CONNECTION

EQUIPMENT SCHEDULE



NOTES:

- 1 CONTRACTOR TO PROVIDE CATEGORY 4 FLUE DECKING FROM HEATERS TO EXISTING ROOF OUTLETS.
- 2 INSTALL HEATERS TO MANUFACTURER'S REQUIREMENTS.
- 3 ROUTE CONDENSATE LINE TO ALKALINE FILTER AND THEN TO FLOOR DRAIN IN HEATER AREA.
- 4 ANCHOR HEATERS PER DETAIL 1/SP-4.0
- 5 PROVIDE POWER FROM EXISTING PANEL BOARDS.
- 6 SEE ELEVATION ON THIS SHEET FOR TYPICAL HEATER CONNECTIONS.
- 7 MINIMUM 7'-0" CLEARANCE ON ALL OVERHEAD PIPING.
- 8 P.O.C. : POINT OF CONNECTION
- 9 PROVIDE BLIND FLANGES AT P.O.C.'S AND HYDROSTATICALLY PRESSURE TEST PER SPECIFICATIONS



EQUIPMENT ROOM PLAN

SCALE: 1:50

**SINSHEIMER PARK
POOL RENOVATION**

APPROVED BY

CITY ENGINEER

DATE 8-13-98

SCALE AS NOTED

DESIGNED BY R.J.B.

DRAWN BY F.A.M.

CHECKED BY R.J.B.

APPROVED BY

UTILITIES DEPARTMENT

**EQUIPMENT ROOM
PLAN AND DETAILS**

SPECIFICATION NO.

92-16

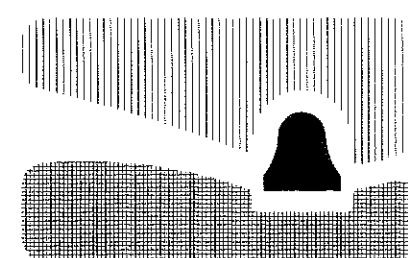
FILE NO./LOCATION

0014 B

SHEET

SP-4.0

OF



city of san luis obispo