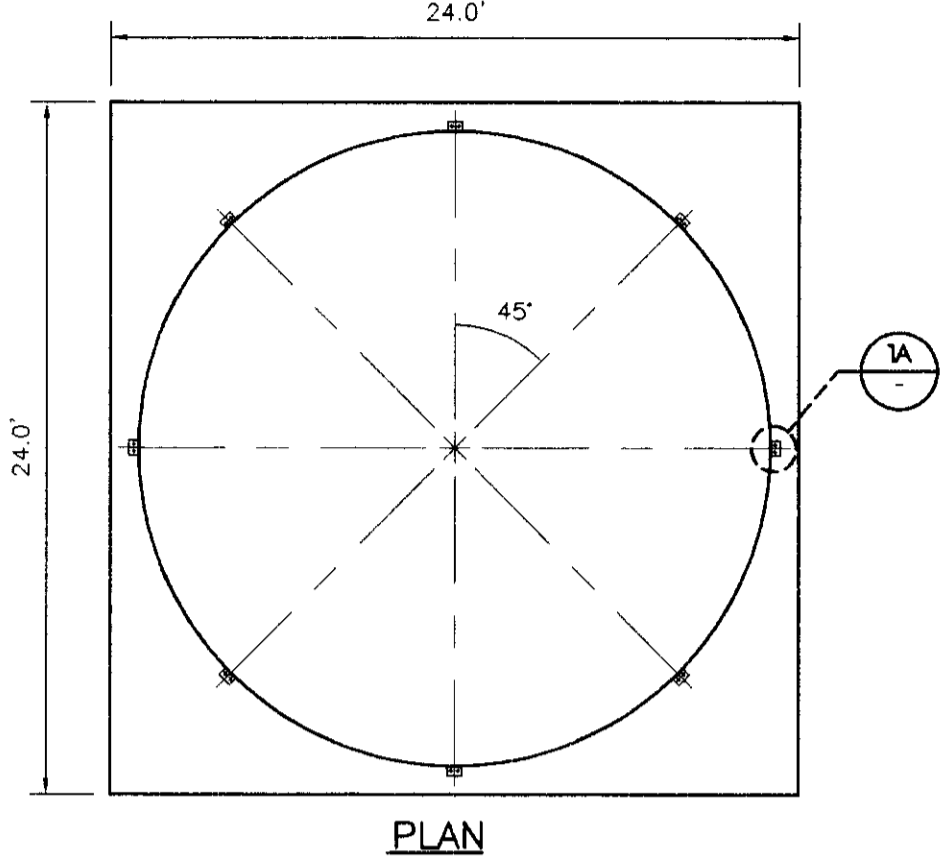
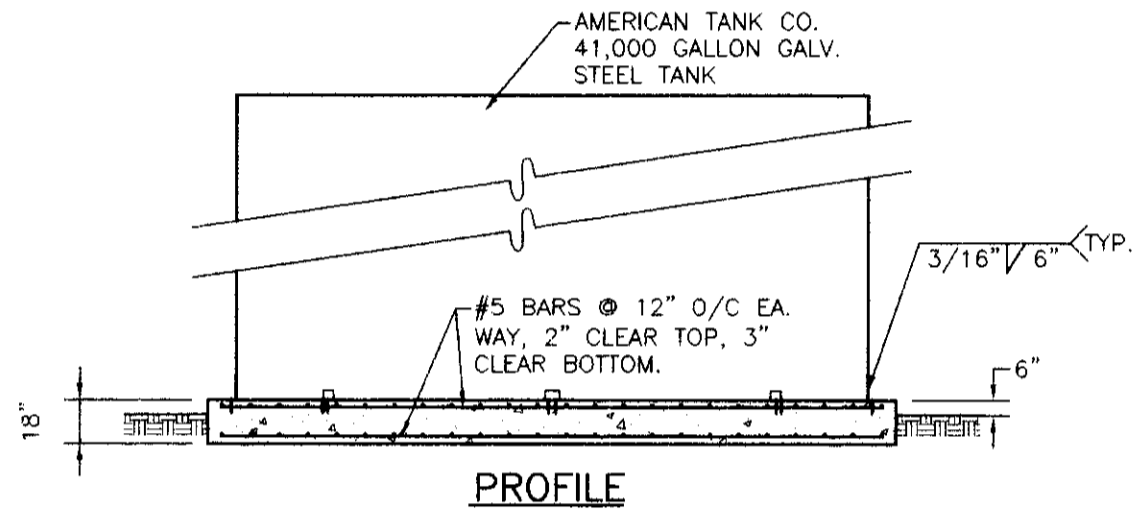


DETAIL - 1A



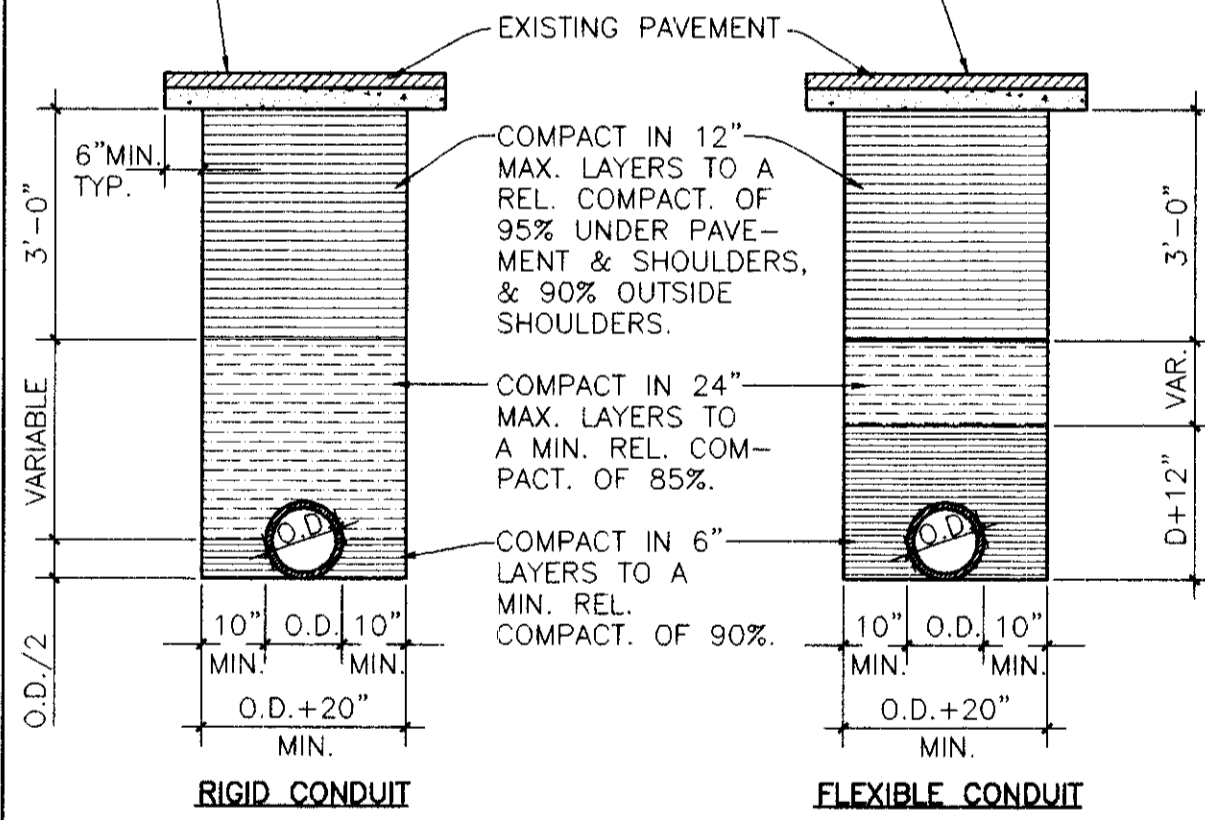
PLAN



PROFILE

1 WATER TANK FOUNDATION N.T.S.

BACKFILL WITH MATERIALS EQUAL TO OR BETTER THAN THE EXISTING PAVEMENT IN QUALITY AND THICKNESS.



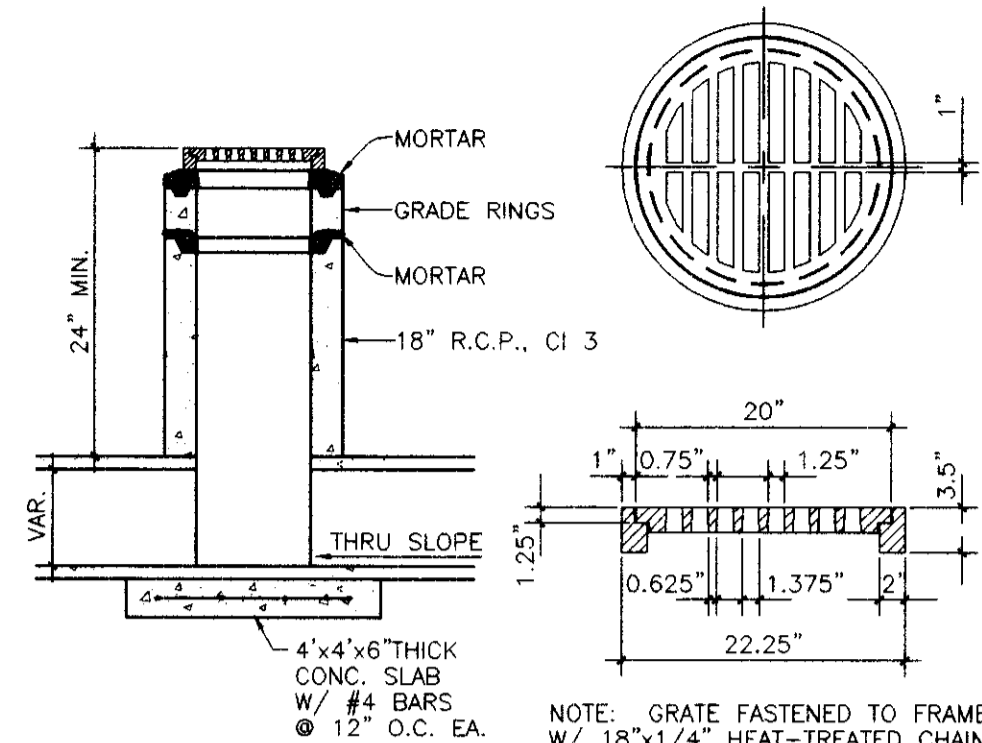
2 TRENCH BACKFILL N.T.S.

APPROVED BY THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS  
 BY: DIRECTOR OF PUBLIC WORKS RCE 21258 DATE: \_\_\_\_\_

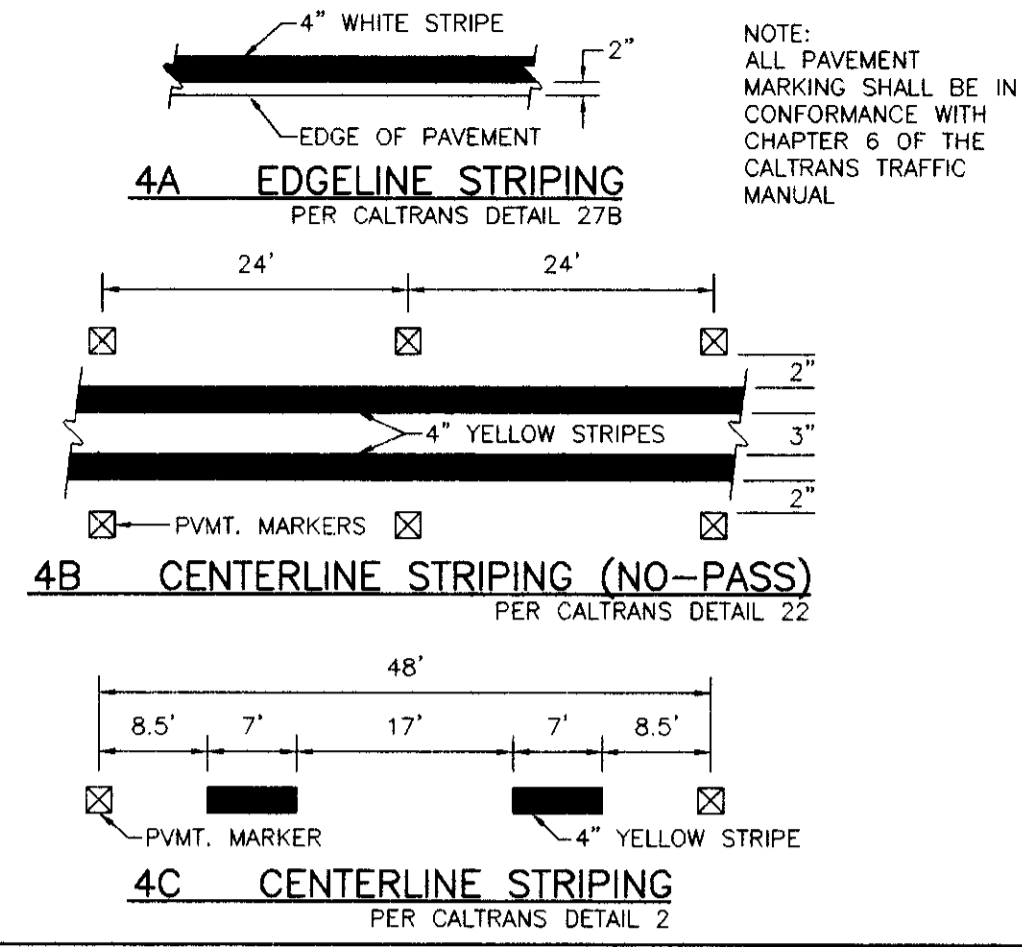
APPROVED BY THE SAN JOAQUIN COUNTY BUILDING DEPARTMENT  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY THE SAN JOAQUIN COUNTY HEALTH DEPARTMENT  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVAL BLOCKS

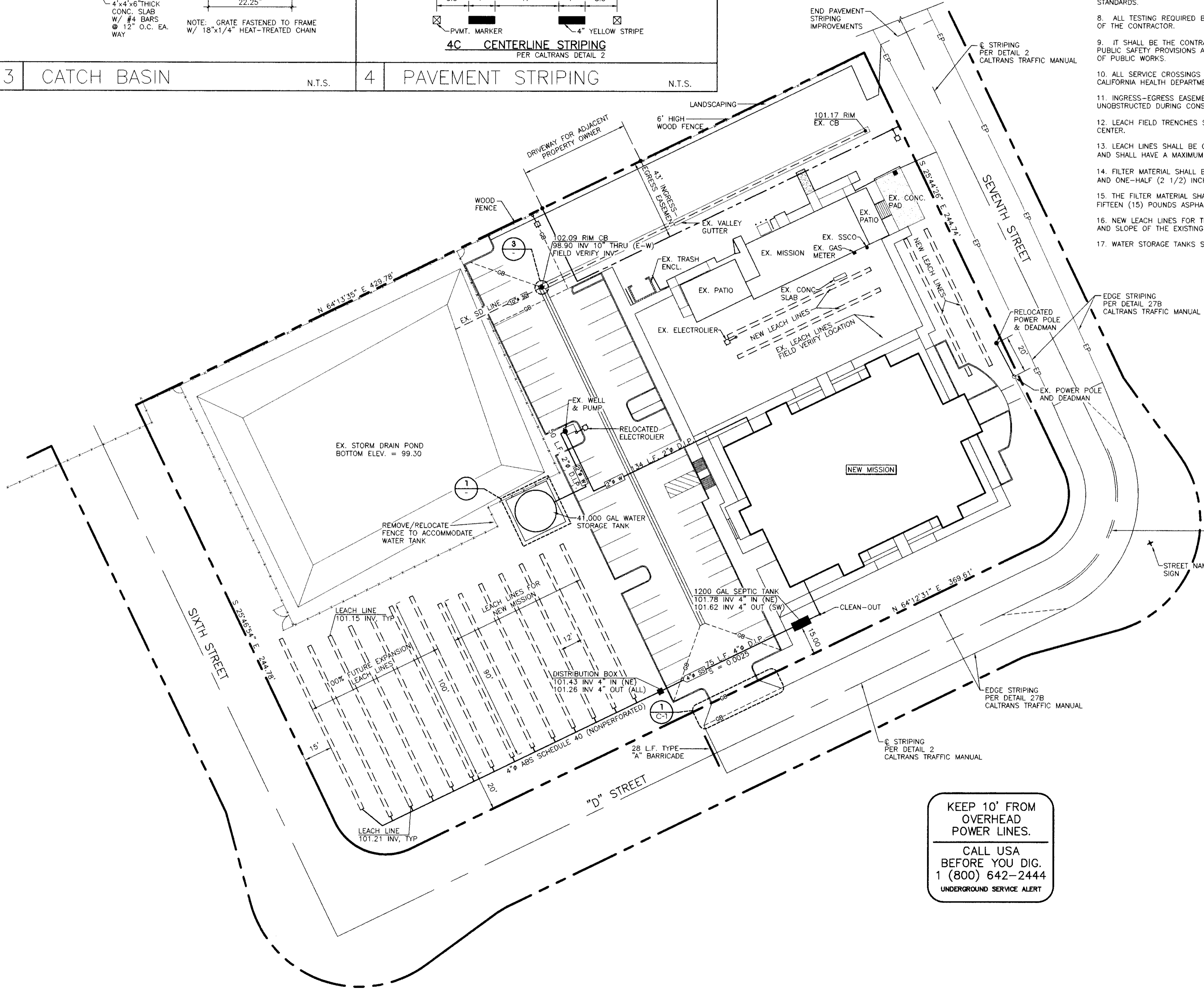


3 CATCH BASIN N.T.S.

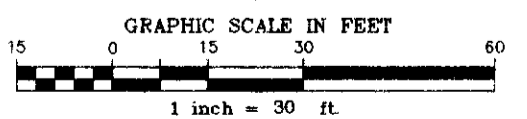


4 PAVEMENT STRIPING N.T.S.

- ### UTILITIES NOTES:
- ALL SANITARY SEWER, WATER AND STORM DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE SAN JOAQUIN COUNTY IMPROVEMENT SPECIFICATIONS AND STANDARDS.
  - NEW STORM DRAINAGE FACILITY SHALL UTILIZE THE EXISTING RETENTION BASIN.
  - CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING LEACH LINES.
  - SANITARY SEWER PIPE SHALL BE VITRIFIED CLAY PIPE (VCP) AND SHALL CONFORM TO THE SPECIFICATIONS FOR EXTRA STRENGTH PIPE OF A.S.T.M. DESIGNATION C-700 AND C-301.
  - FIRE HYDRANTS SHALL CONFORM TO THE REQUIREMENTS OF THE SAN JOAQUIN COUNTY FIRE DEPARTMENT.
  - FOR TRENCHES, 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE LOCAL OFFICE OF THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH. IF THERE IS NOT ONE, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARDS CHAPTER 9 OF THE STATE OF CALIFORNIA LABOR CODE AND ANY LOCAL CODES OR ORDINANCES.
  - ALL TRENCHES SHALL BE BACK FILLED IN ACCORDANCE WITH SAN JOAQUIN COUNTY STANDARDS.
  - ALL TESTING REQUIRED BY SAN JOAQUIN COUNTY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR AND MEET ALL PUBLIC SAFETY PROVISIONS AS REQUIRED BY THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS.
  - ALL SERVICE CROSSINGS SHALL BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA HEALTH DEPARTMENT REQUIREMENTS.
  - INGRESS-EGRESS EASEMENT ACROSS EXISTING PARKING LOT SHALL REMAIN UNOBSTRUCTED DURING CONSTRUCTION.
  - LEACH FIELD TRENCHES SHALL BE 24" WIDE x 42" DEEP, SPACED 12.0' ON CENTER.
  - LEACH LINES SHALL BE CONSTRUCTED WITH A.B.S. SCHEDULE 40 PERFORATED PIPE AND SHALL HAVE A MAXIMUM SOIL COVER OF 24".
  - FILTER MATERIAL SHALL BE GRADED AND WASHED ROCK ONE (1) INCH TO TWO AND ONE-HALF (2 1/2) INCHES IN DIAMETER OR OTHER APPROVED MATERIAL.
  - THE FILTER MATERIAL SHALL BE PROTECTED FROM THE EARTH BACK FILL BY FIFTEEN (15) POUNDS ASPHALT-SATURATED FELT OR OTHER APPROVED MATERIAL.
  - NEW LEACH LINES FOR THE EXISTING MISSION SHALL BE SET TO THE SAME GRADE AND SLOPE OF THE EXISTING LEACH LINES CURRENTLY SERVING THE MISSION.
  - WATER STORAGE TANKS SHALL BE EQUIPPED WITH A 4 INCH FIRE SERVICE.



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 A S S O C I A T E S  
 6150 FOREPORT BLVD., SUITE 101-A  
 SACRAMENTO, CA 95822  
 TEL: (916) 429-2800  
 FAX: (916) 429-2554

DONALD T. KAN  
 CIVIL ENGINEER  
 RCE 36676

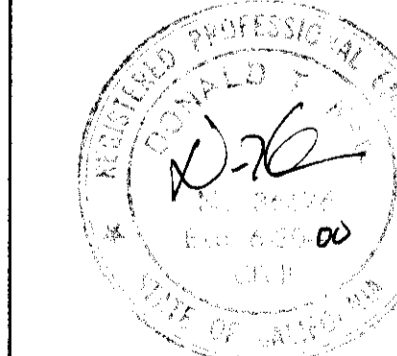
HENRY WONG  
 CIVIL ENGINEER  
 RCE 31008

DAVID J. STARCK  
 ARCHITECT  
 C22903

STEVEN KOELZER  
 ARCHITECT  
 C19842

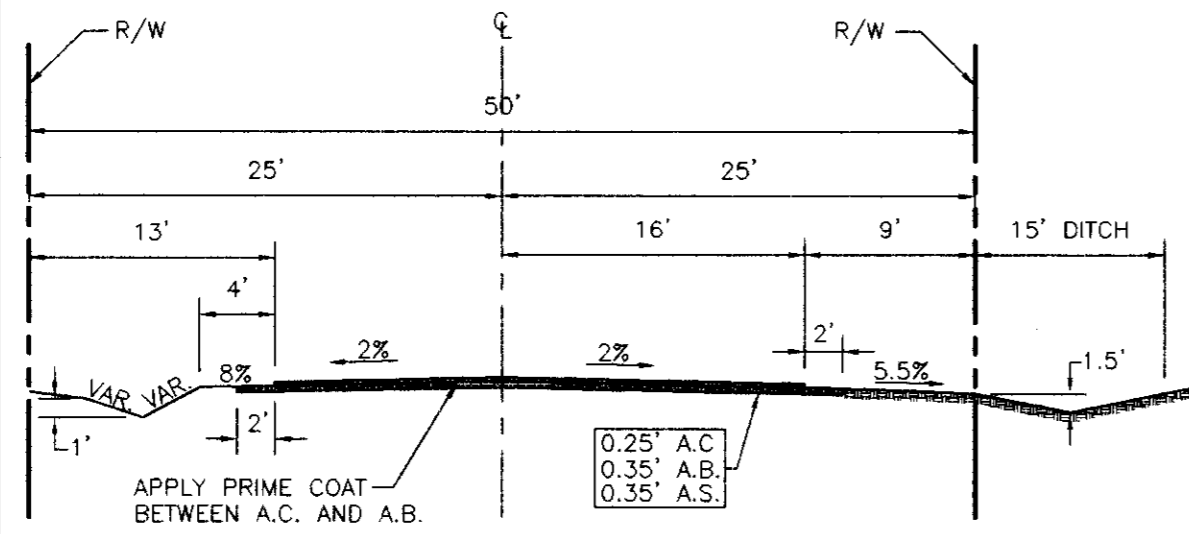
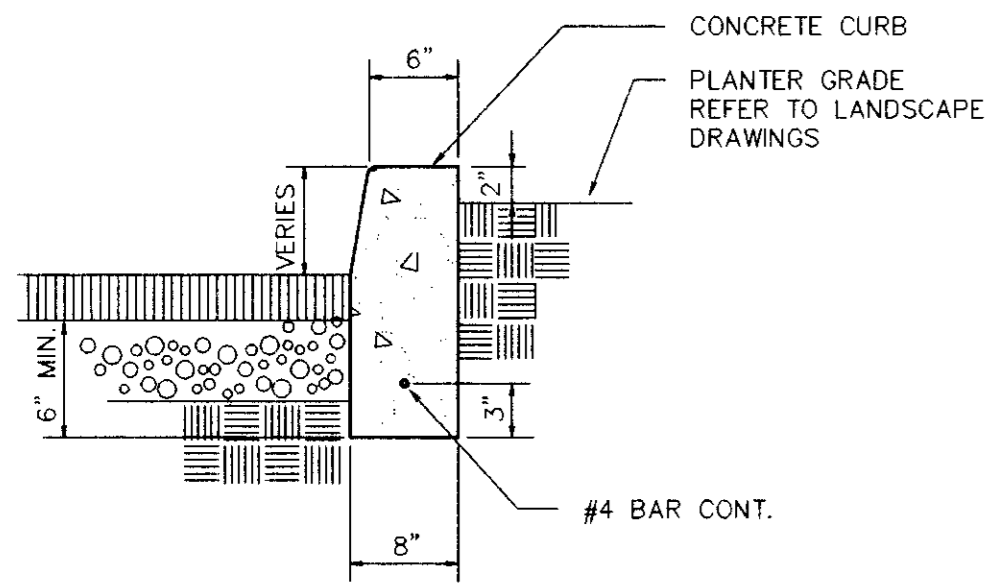
PROPOSED CHURCH BUILDING FOR:  
**SANT NIRANKARI MISSION**  
 22713 S. SEVENTH STREET  
 BANTA, CALIFORNIA

UTILITIES PLAN



REVISIONS:  
 PLAN CHECK #1 (4/13/98)  
 PLAN CHECK #2 (5/1/98)

BY: AS  
 LIST:  
 DATE: 5-4-98  
 JOB: 97M136



**GRADING NOTES:**

- BENCHMARK: 3/4" I.P. TAGGED PLS 4858 FOUND AT SOUTH END OF WEST RIGHT-OF-WAY LINE OF SEVENTH STREET, AT RETURN TO SOUTHWEST. ASSUMED ELEV. = 100.00
- CLEARING AND GRUBBING SHALL CONFORM TO THE REQUIREMENTS IN SECTION 16 OF THE SAN JOAQUIN COUNTY IMPROVEMENT SPECIFICATIONS AND STANDARDS.
- EARTHWORK SHALL CONFORM TO THE REQUIREMENTS IN SECTION 19 OF THE SAN JOAQUIN COUNTY IMPROVEMENT SPECIFICATIONS AND STANDARDS.
- PROJECT SITE SHALL BE GRADED TO THE ELEVATIONS AS STAKED OR DIRECTED BY THE ENGINEER.
- MATERIAL FROM THE EXISTING SPOIL PILE LOCATED NEAR THE SOUTHERNMOST CORNER OF THE SITE SHALL BE USED TO GRADE THE BUILDING PAD FOR THE NEW MISSION. MATERIALS NOT USED SHALL BE UNIFORMLY SPREAD OUT ACROSS THE SOUTHWEST PORTION OF THE SITE.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAME.
- THE CONTRACTOR SHALL REVIEW THE SITE PRIOR TO BIDDING. ANY DISCREPANCIES WITH SEPTIC SYSTEMS, STRUCTURES, ETC., SPECIFIED AS BEING DISCREPANCY ON THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND THE DEVELOPER PRIOR TO CLEARING AND GRADING OPERATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS INCURRED FOR THE REMOVAL OF SAID ITEMS IF THE ENGINEER AND THE DEVELOPER ARE NOT NOTIFIED PRIOR TO CLEARING AND GRADING OPERATIONS.
- APPROPRIATE DUST CONTROL SHALL BE PROVIDED TO MINIMIZE ANY DUST NUISANCE AND SHALL CONFORM TO SECTION 10 OF CALTRANS SPECIFICATIONS AND THE REQUIREMENTS OF SAN JOAQUIN COUNTY.
- ALL LEACH LINES DESIGNATED ON THESE PLANS TO BE REMOVED SHALL BE DONE SO IN ACCORDANCE WITH REQUIREMENTS OF THE SAN JOAQUIN COUNTY HEALTH DEPARTMENT.
- WHERE EXISTING LEACH FIELD IS TO BE REMOVED, THE SOIL SHALL BE REMOVED AND REPLACED WITH CLEAN SOIL.
- IN THE EVENT OF ANY CONFLICT FOUND WITHIN THESE PLANS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIRST CONTACT THE ENGINEER BEFORE WORK PROCEEDS.
- INGRESS-EGRESS EASEMENT ACROSS EXISTING PARKING LOT SHALL REMAIN UNOBSTRUCTED DURING CONSTRUCTION.
- SOUTHWEST END OF EXISTING VALLEY GUTTER TO BE EXTENDED 6' TO MATCH NORTHWEST END OF NEW VALLEY GUTTER.
- REFER TO SOILS REPORT FOR R-VALUE AND PERC. TEST INFORMATION.
- BARRICADE AT END OF IMPROVEMENTS ON "D" STREET SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD SPECIFICATION FOR A TYPE-A BARRICADE.
- ALL TRAFFIC SIGNS AND MARKINGS SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARDS AND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALTRANS) AND AS SHOWN ON THE PLANS.
- REFER TO SHEET C-3 FOR PAVEMENT STRIPING DETAILS.

**SKW & ASSOCIATES**  
 ARCHITECTURE & SURVEYING  
 6130 FREEMONT BLVD. SUITE 101 A  
 ALHAMBRA, CA 91802  
 TEL: (916) 429-2802  
 FAX: (916) 429-2553

o **DONALD T. KAN**  
 CIVIL ENGINEER  
 RCE 36576

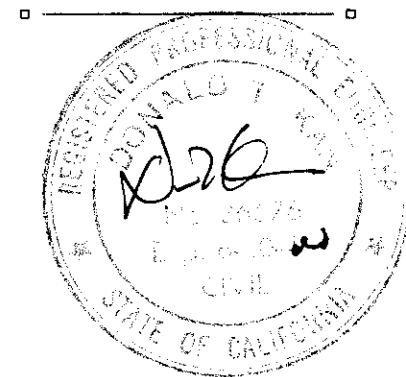
o **HENRY WONG**  
 CIVIL ENGINEER  
 RCE 31008

o **DAVID J. STARCK**  
 ARCHITECT  
 C22903

o **STEVEN KOELZER**  
 ARCHITECT  
 C19842

PROPOSED CHURCH BUILDING FOR:  
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 22713 S. SEVENTH STREET  
 BANTA, CALIFORNIA

GRADING AND DRAINAGE PLAN



REVISIONS:  
 PLAN CHECK #1 (4/13/98)  
 PLAN CHECK #2 (5/1/98)

BY: AS  
 LIST: AS  
 DATE: 5-4-98  
 JOB: 97M136

SHEET:  
**C-2**

1 CURB AT PLANTER N.T.S.

4 STREET SECTION N.T.S.

2 CURB AT SIDEWALK N.T.S.

3 VALLEY GUTTER N.T.S.

APPROVED BY THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS

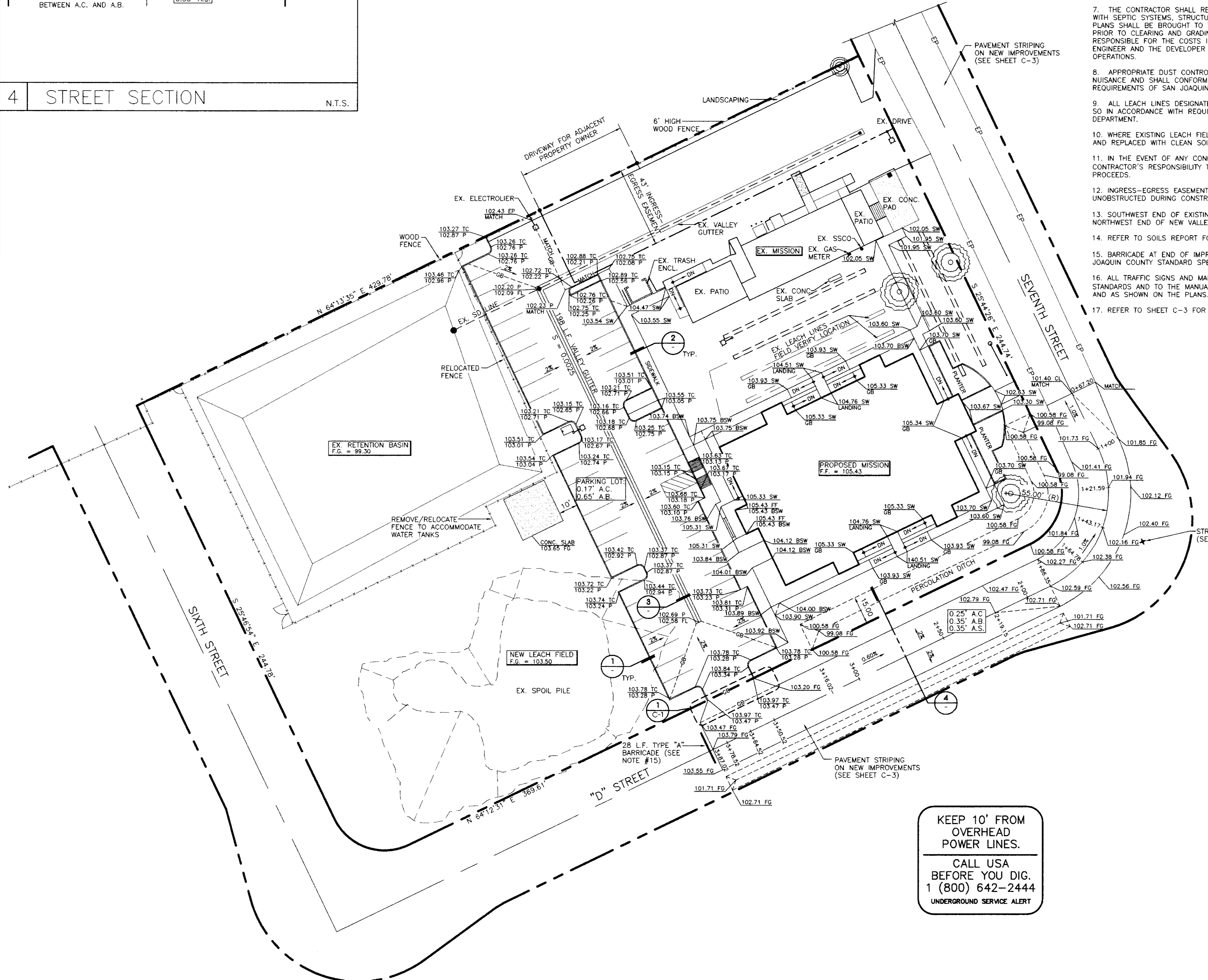
BY: *Henry Wong* DATE: 5-21-98  
 DIRECTOR OF PUBLIC WORKS RCE 21258

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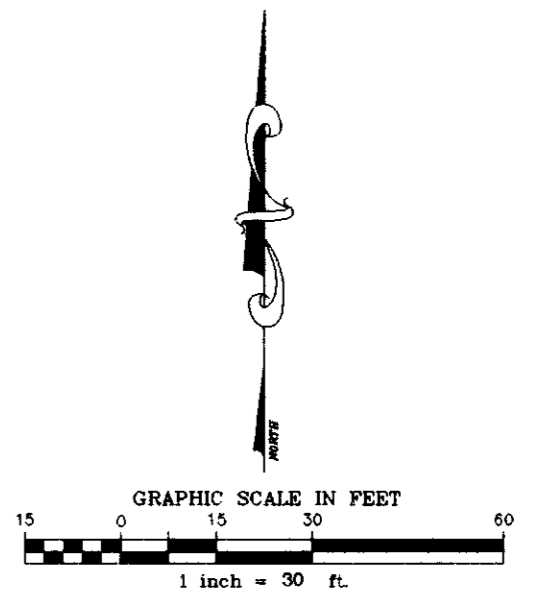
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY THE SAN JOAQUIN COUNTY HEALTH DEPARTMENT

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

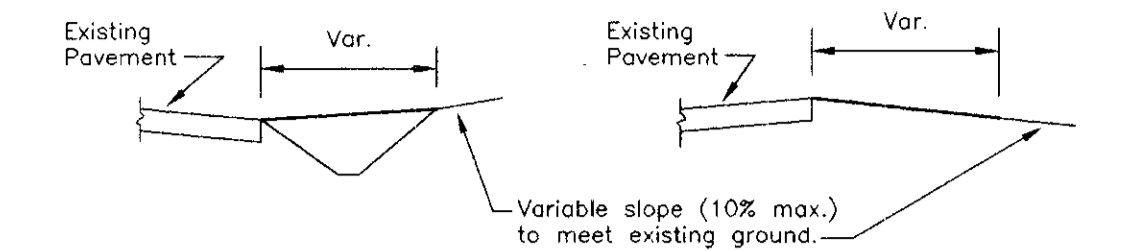


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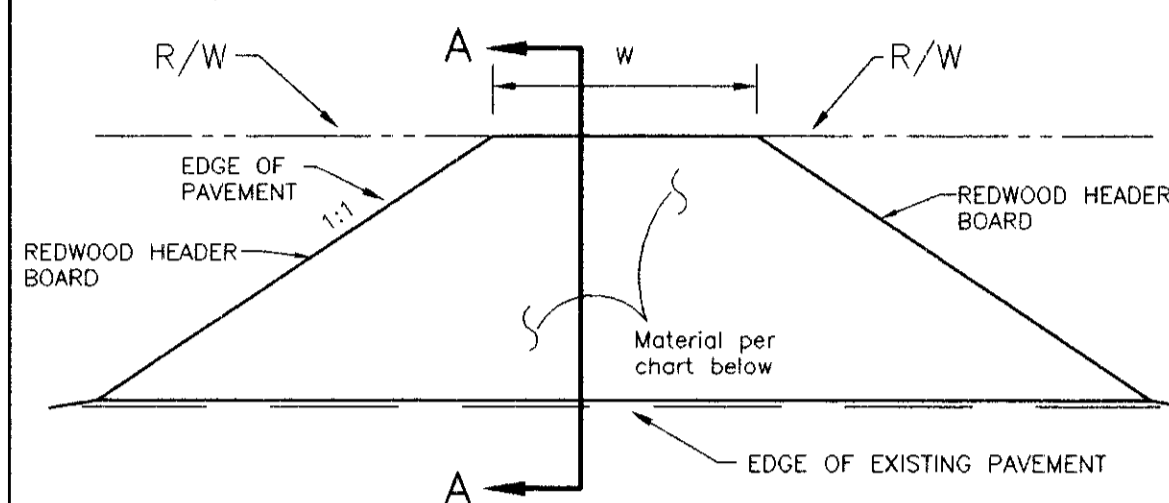


APPROVAL BLOCKS

GRADING AND DRAINAGE PLAN



SECTION A-A



RURAL DRIVEWAY

NOTES:

1. AT AN INTERSECTION, NO DRIVEWAY SHALL BE PLACED WITHIN 30' OF THE POINT OF INTERSECTION OF THE MASTER PLANNED R/W LINES.
2. DRIVEWAYS SHALL BE AT RIGHT ANGLES TO THE STREET.
3. CIRCLE DRIVEWAYS ARE TO BE NO CLOSER THAN 75' BETWEEN CENTERS (RESIDENTIAL) OR 80' BETWEEN CENTERS (COMMERCIAL).
4. ALL FILL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION. MAXIMUM FILL SLOPE 2:1.

1 DRIVEWAY APPROACH N.T.S.

SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS  
CONTACT: PAT DICHUPA (209) 468-3059

SAN JOAQUIN COUNTY HEALTH DEPARTMENT  
CONTACT: MIKE HUGGINS (209) 468-3420

SAN JOAQUIN COUNTY BUILDING DEPARTMENT  
CONTACT: DENNIS ROCK (209) 468-3069

PACIFIC GAS AND ELECTRIC COMPANY  
CONTACT: GEORGE PAVANAV (209) 836-0440

2 LOCAL AGENCIES

APPROVED BY THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
DIRECTOR OF PUBLIC WORKS RCE 21258

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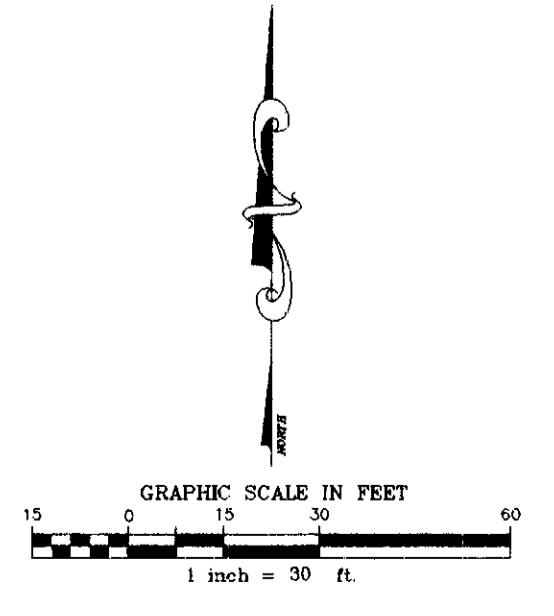
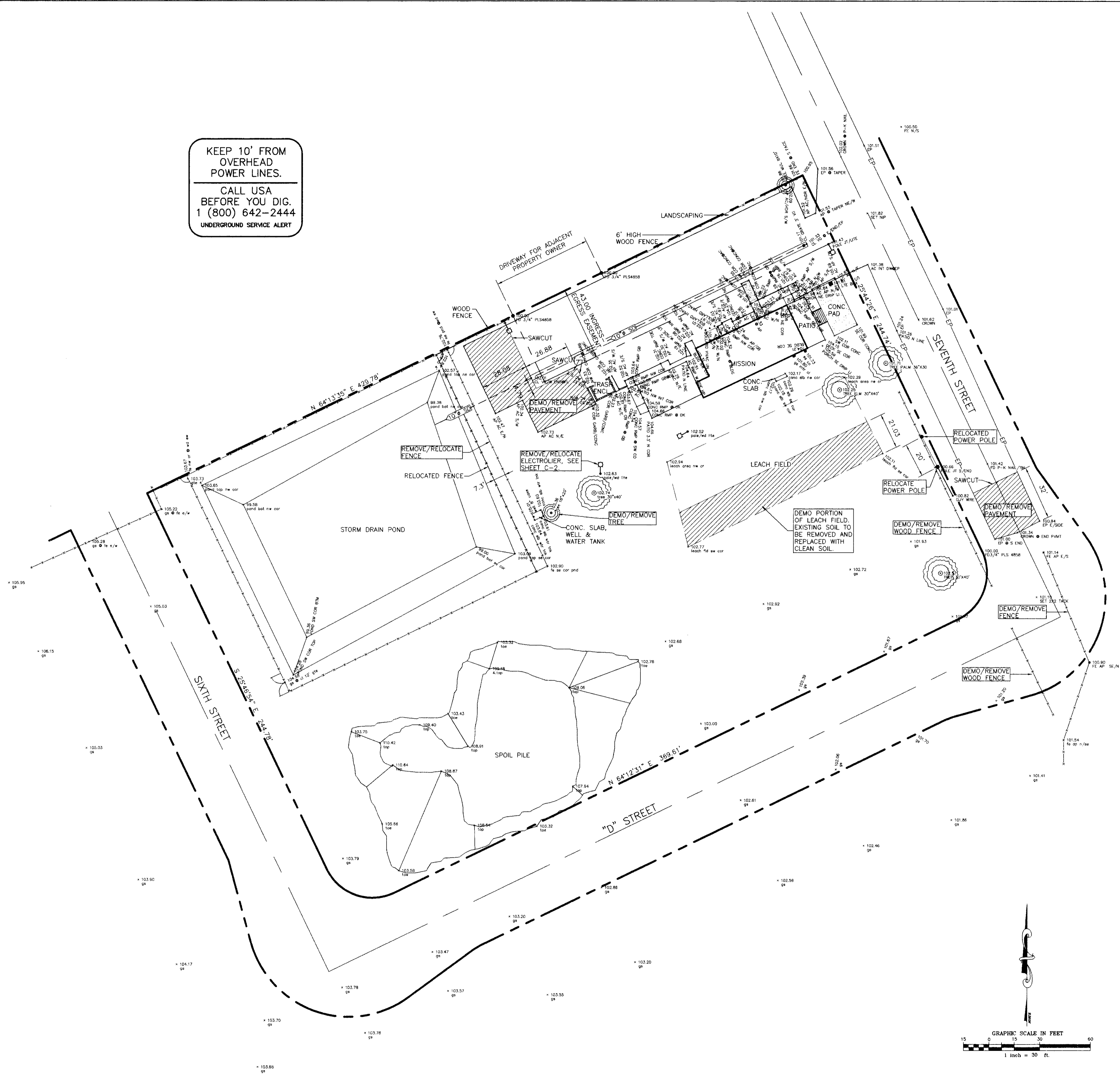
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APPROVED BY THE SAN JOAQUIN COUNTY HEALTH DEPARTMENT

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

3 APPROVAL BLOCKS

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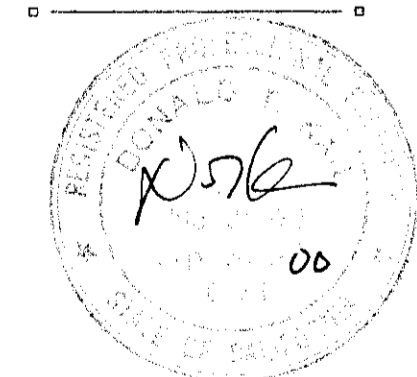
**A S S O C I A T E S**  
**ARCHITECTURE & SURVEYING**  
6130 FREEMONT BLVD. SUITE 101 A  
BANTIA, CALIFORNIA 95022  
TEL: (916) 429-2802  
FAX: (916) 429-2553

**S K W & S**  
**ENGINEERING**  
2237 SCENIC DRIVE  
BANTIA, CALIFORNIA 95022  
TEL: (209) 523-8323  
FAX: (209) 529-7804

- DONALD T. KAN  
CIVIL ENGINEER  
RCE 36879
- HENRY WONG  
CIVIL ENGINEER  
RCE 31008
- DAVID J. STARK  
ARCHITECT  
C22903
- STEVEN KOELZER  
ARCHITECT  
C19842

PROPOSED CHURCH BUILDING FOR:  
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TOPOGRAPHIC MAP &  
DEMOLITION PLAN



- REVISIONS:
- PLAN CHECK #1 (4/13/98)
  - PLAN CHECK #2 (5/1/98)

BY: AS  
LIST: 5-4-98  
DATE: 97M136  
JOB:

SU 3107