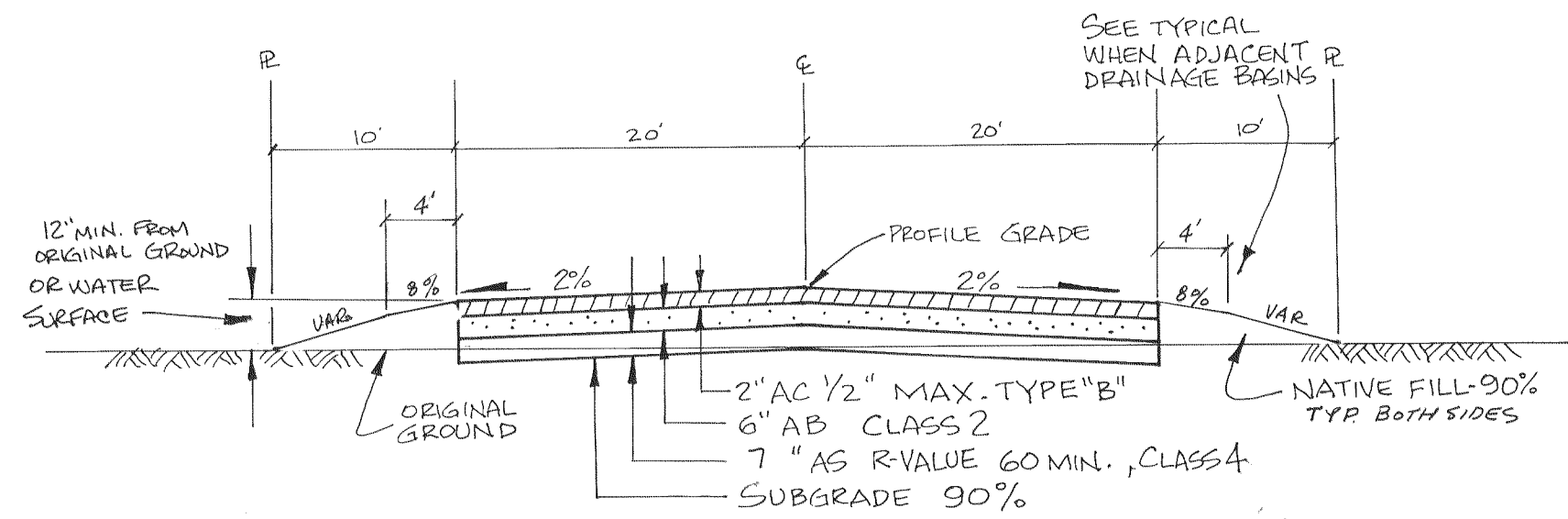
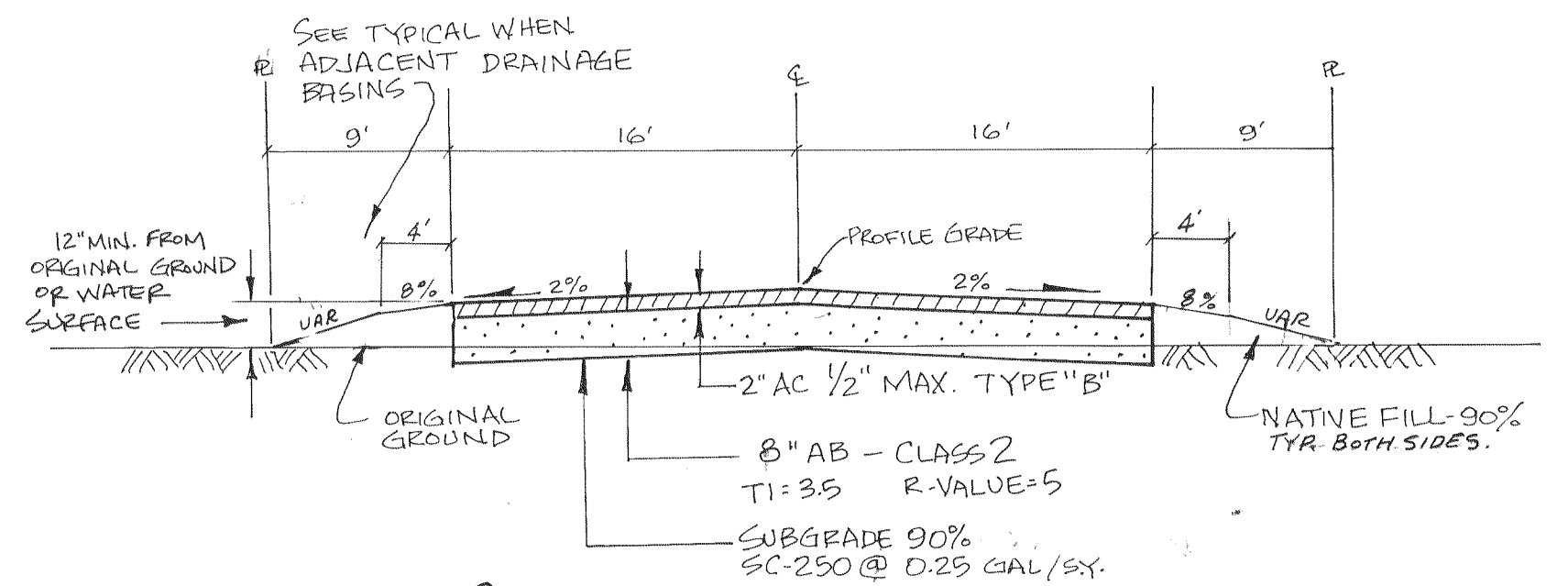
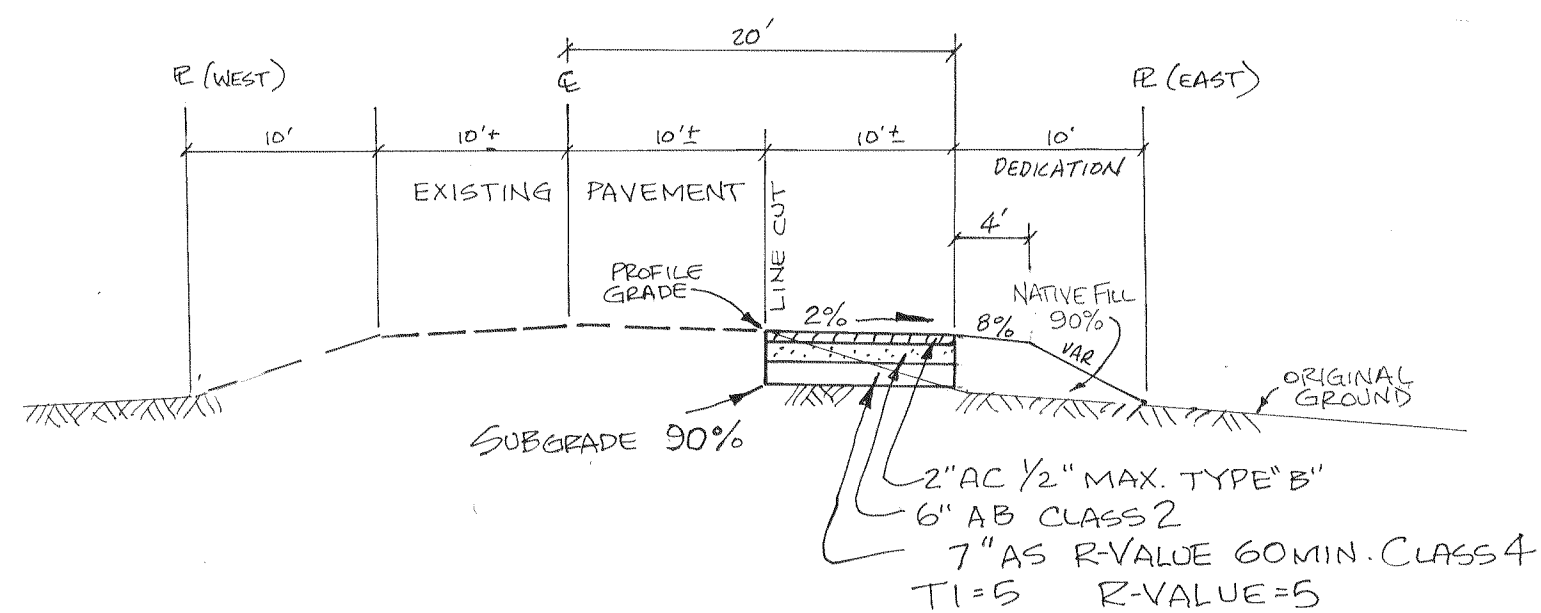




TI=5 R-VALUE=5  
STRUCTURAL SECTION - 60' RIGHT OF WAY  
(TSIRELAS DRIVE & CURRIER DRIVE)



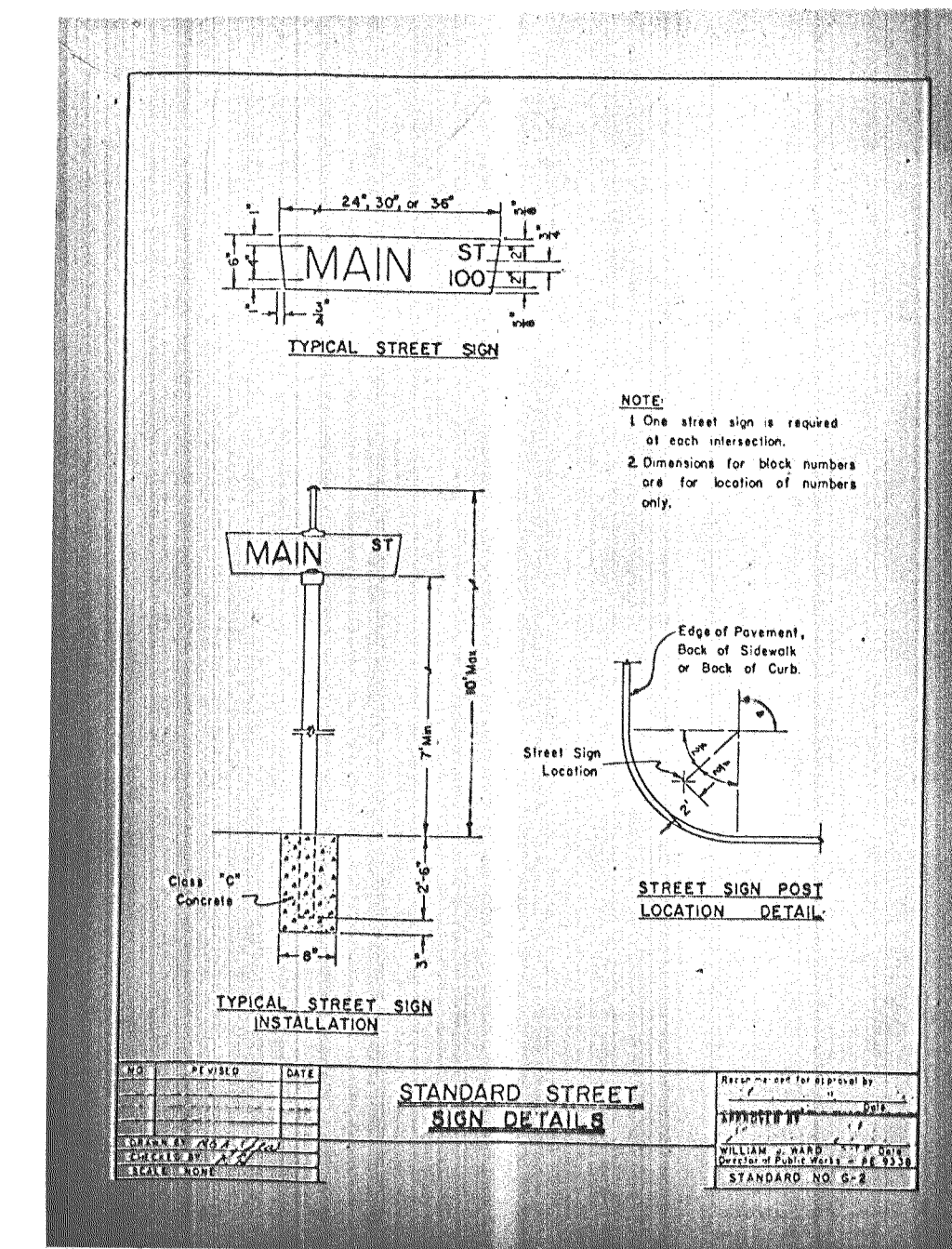
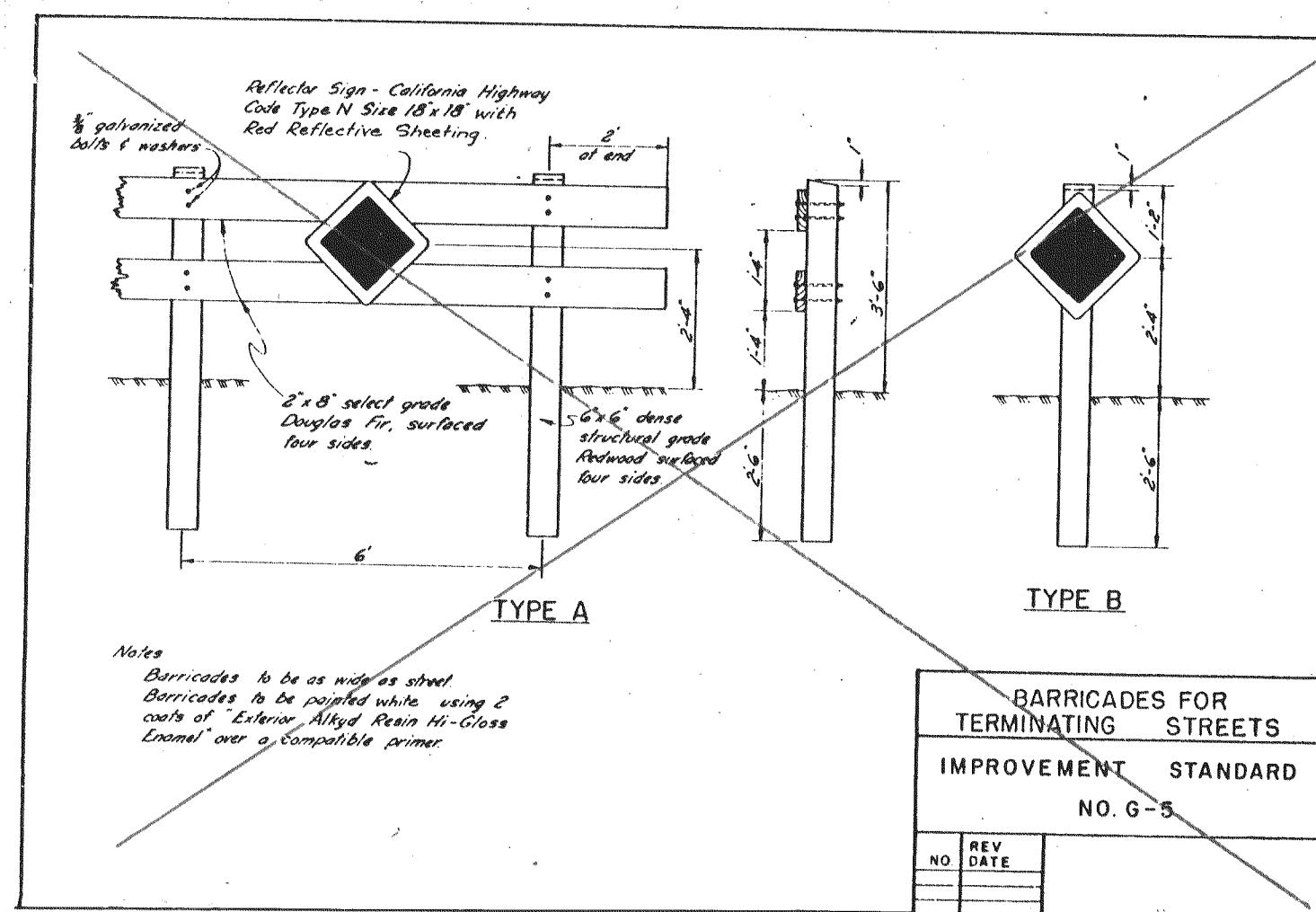
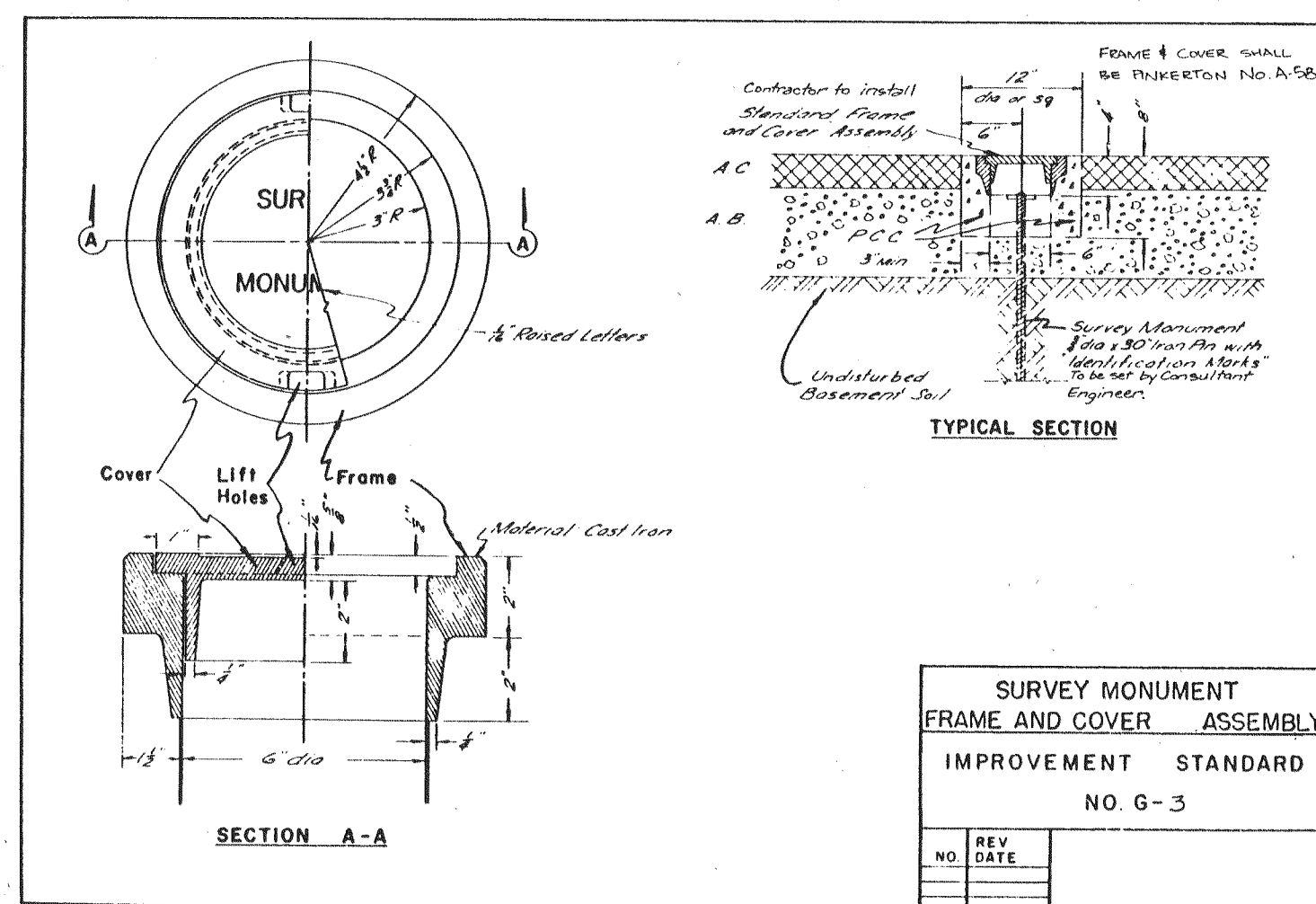
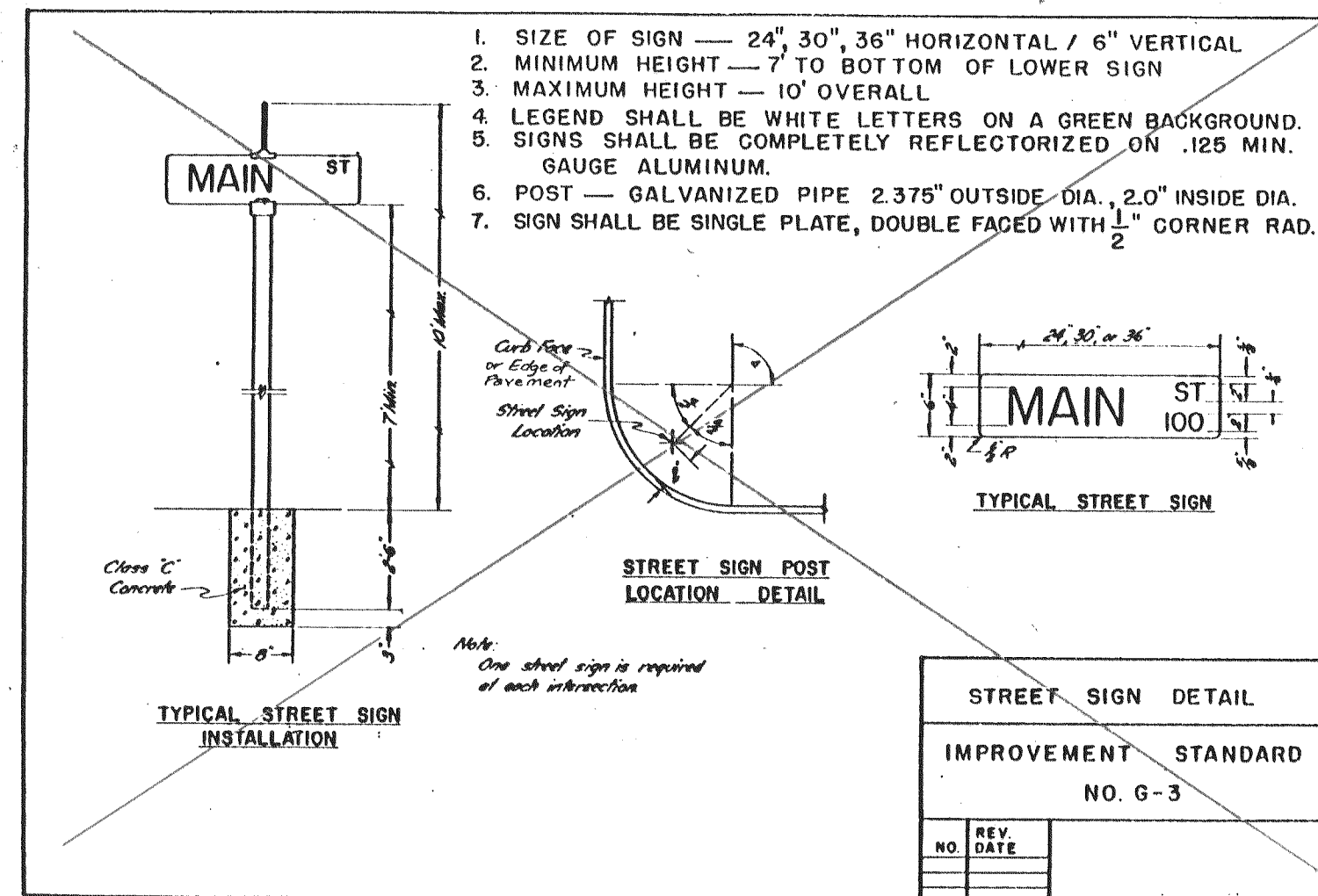
TI=3.5 R-VALUE=5  
STRUCTURAL SECTION - 50' RIGHT OF WAY  
(RANCHO VIEJO CT.)



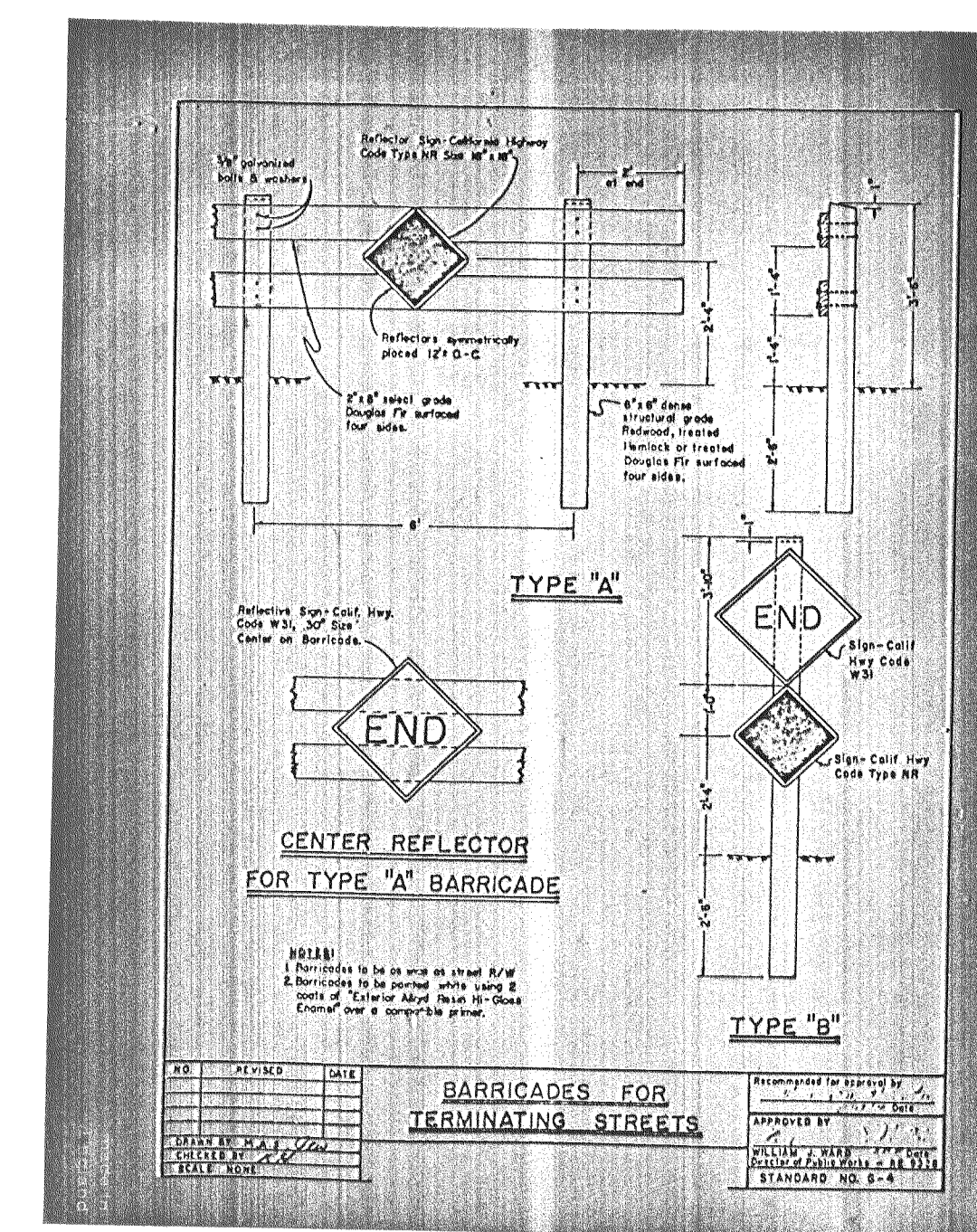
STRUCTURAL SECTION - HANSEN ROAD

NOTE:

1. PRIME AB WITH 0.25 gal/sf. OF SC 250 PRIOR TO PLACEMENT OF AC.
2. SUBGRADE SHALL BE COMPACTED TO 90% FOR 6 INCHES MIN. BELOW THE SUBGRADE PLANE.



STREET NAMES:  
TSIRELAS DR. & RANCHO VIEJO CT.



FILE NAME: 5064  
DRAWER: SU  
SHEET NO.: 1405

| REVISIONS |             |         |        |
|-----------|-------------|---------|--------|
| NO.       | DESCRIPTION | DATE    | BY     |
| 1         | MISC.       | 2-10-81 | R.P.W. |

R. P. WELDUM & ASSOCIATES, INC.  
CONSULTING CIVIL ENGINEERING

5361 N. PERSHING AVENUE, SUITE B, STOCKTON, CALIFORNIA

SUBMITTED BY: Ronald P. Weldum R.C.E. # 16835 DATE: 12-9-80

JOB NO. 110-03  
F.B. NO.  
DESIGN R.P.W.  
DRAWN S.R.B.  
CHECKED R.P.W.  
SCALE AS SHOWN

DEPARTMENT OF PUBLIC WORKS  
SAN JOAQUIN COUNTY, CALIFORNIA

APPROVED BY: William J. Ward 5/21/81  
DIRECTOR OF PUBLIC WORKS DATE

SANTOS RANCH - UNIT 3

DETAILS & STRUCTURAL SECTIONS

SHT. NO. 4 OF 4

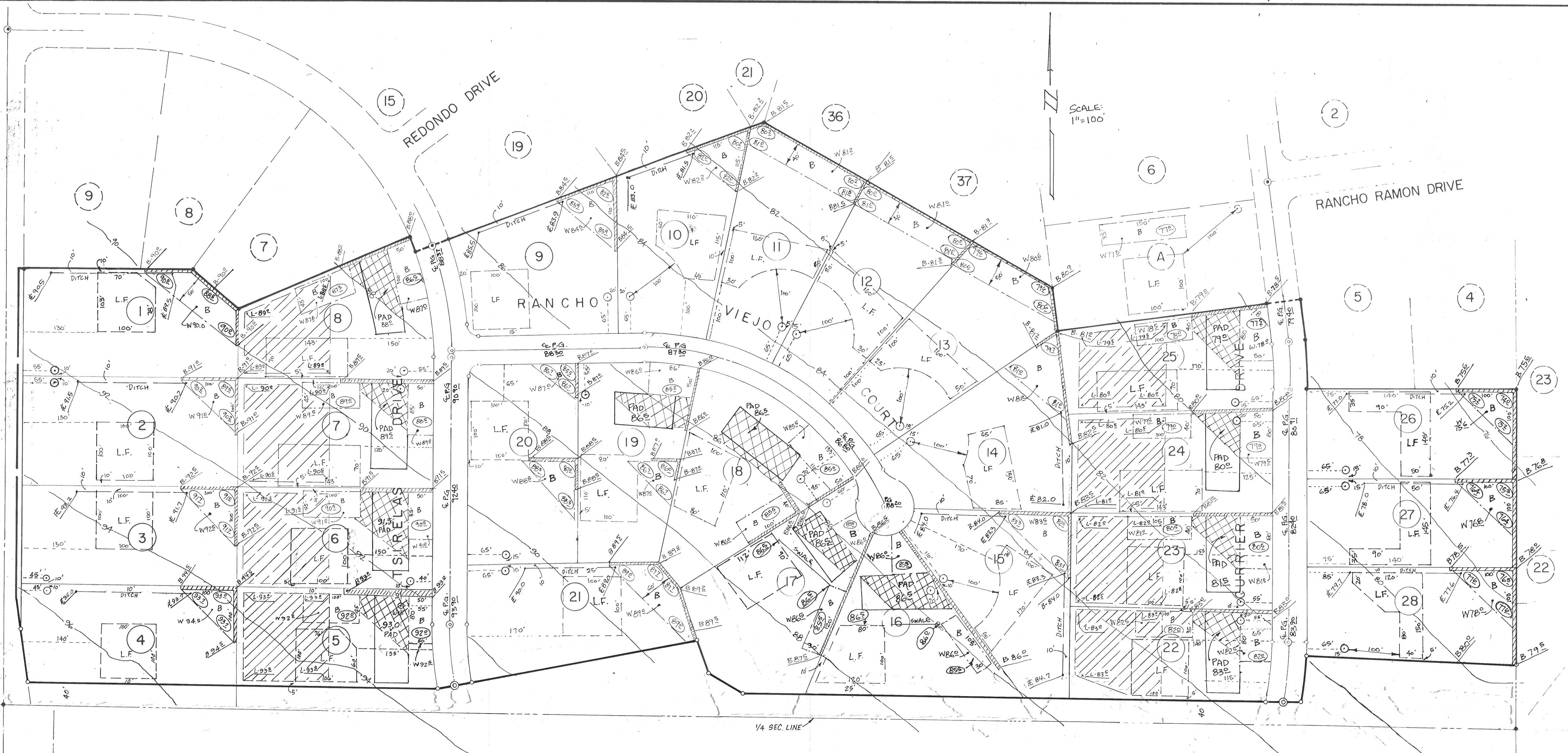
G-112

HANSEN ROAD

REDONDO DRIVE

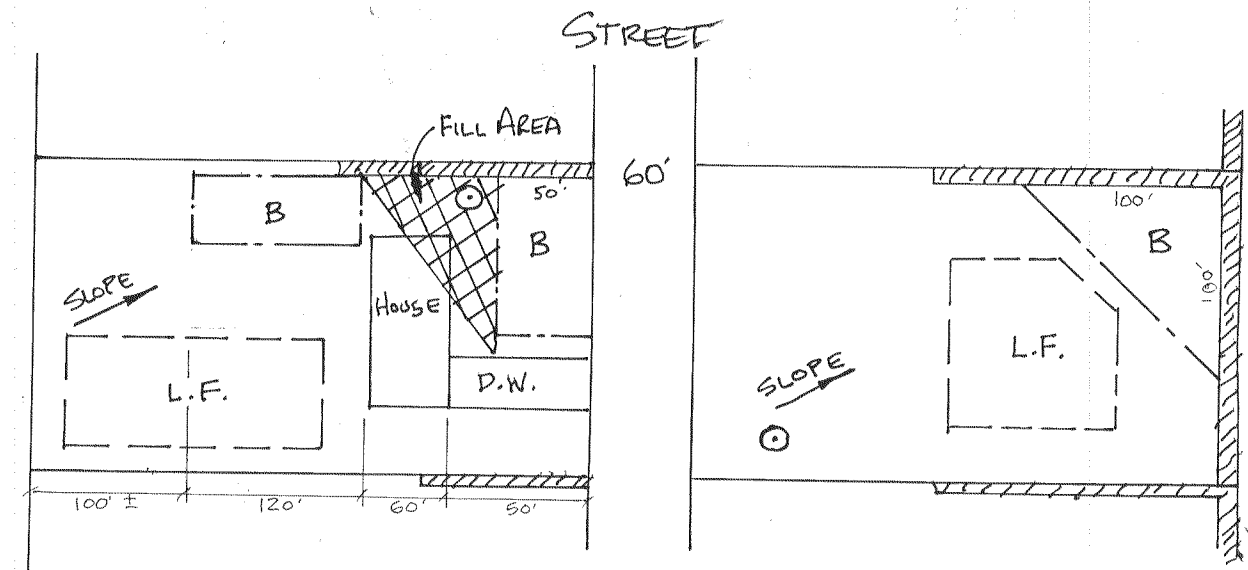
RANCHO RAMON DRIVE

SCALE:  
1"=100'

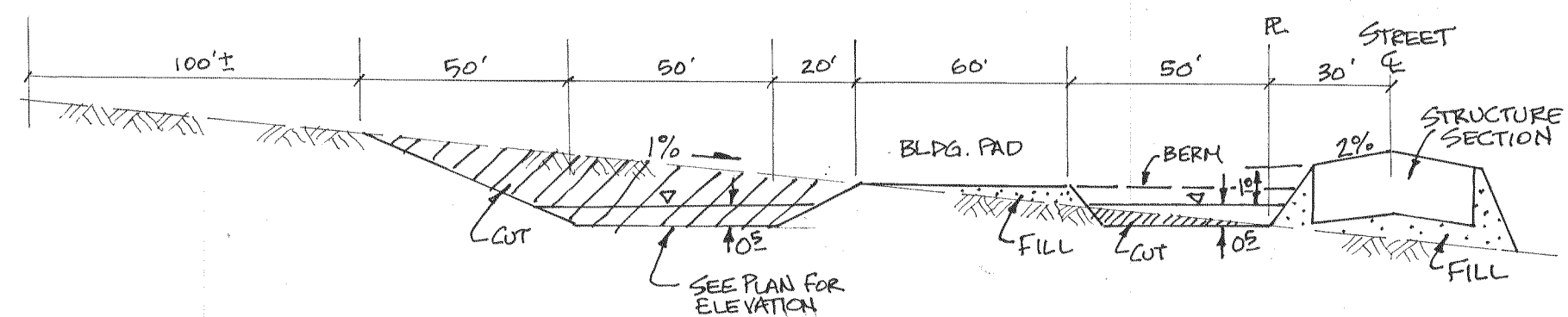


LEGEND:

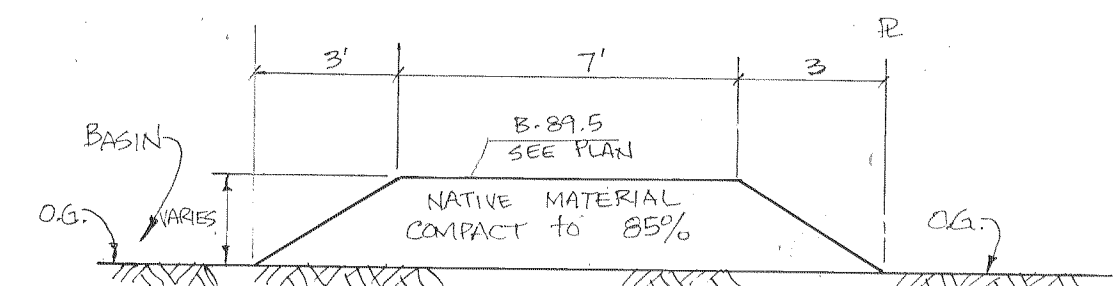
- TOP OF BERM ELEVATION
- BERM
- W 90° DENOTES TOP OF WATER ELEVATION
- BASIN
- BOTTOM OF BASIN ELEVATION
- L.F. LEACH FIELD (10,000 SF. MIN.)
- WELL, PRIVATE (100' MIN. FROM L.F.)
- PAD 892 TOP OF BUILDING PAD ELEVATION
- AREA TO BE FILLED TO PAD ELEVATION
- L-90° NEW ELEVATION LOT GRADING
- AREA TO BE GRADED ON LOT (EXCAVATION)



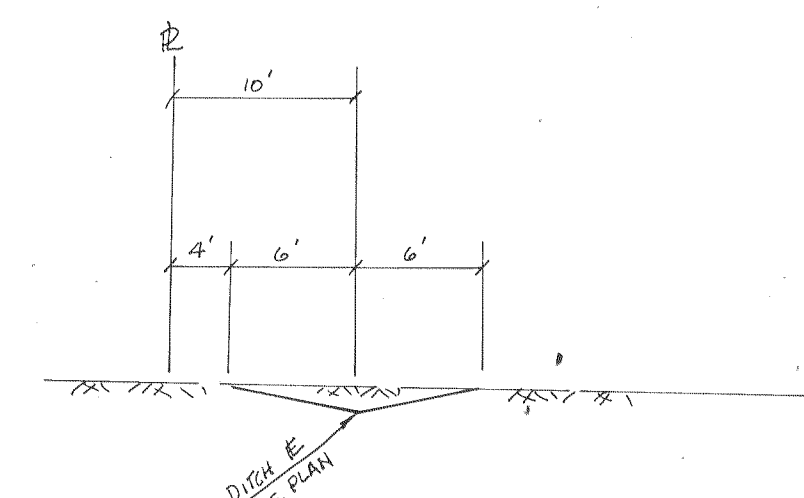
TYPICAL SITE PLAN  
(UNLESS OTHERWISE NOTED)



CROSS SECTION  
(LOTS 5-B, 16-20, 22-25)  
UNLESS OTHERWISE NOTED



BERM DETAIL  
NTS



DITCH DETAIL  
NTS

NOTE:  
EACH LOT SHALL RETAIN ITS  
EQUAL SHARE OF DRAINAGE FROM  
THE SUBDIVISION, INCLUDING STREET  
DRAINAGE.

| NO. | REVISIONS                                                                                                 | DATE    | BY  |
|-----|-----------------------------------------------------------------------------------------------------------|---------|-----|
| 1   | LOT GRADING LOTS 5-B & 22-25                                                                              | 1-12-91 | RPW |
| 2   | MISC                                                                                                      | 2-10-91 | RPW |
| 3   | SHIFTED S. BERM 40' NORTH CHD LOTS 5-B & 22-25<br>DELETED LOT 22 - MODIFIED BERM, L.F. & BASIN ELEVATIONS | 4-7-91  | JW  |

R. P. WELDUM & ASSOCIATES, INC.  
CONSULTING CIVIL ENGINEERING  
536IN. PERSHING - SUITE B STOCKTON, CALIFORNIA

SUBMITTED BY:

Ronald P. Weldum

HCE # 10835

DATE: 12-9-90

|          |          |
|----------|----------|
| JOB NO.  | 110-03   |
| F.B. NO. |          |
| DESIGN   | RPW      |
| DRAWN    | S.R.B.   |
| CHECKED  | R.P.W.   |
| SCALE    | AS SHOWN |

DEPARTMENT OF PUBLIC WORKS  
SAN JOAQUIN COUNTY, CALIFORNIA

APPROVED BY:

DIRECTOR OF PUBLIC WORKS

SANTOS RANCH, UNIT NO. 3

BERM, BASIN & LEACH FIELD PLAN

SHT. NO. 3 OF 4



IMPROVEMENT PLANS FOR  
TRACT NO. 1665  
SUBDIVISIONS OF SAN JOAQUIN COUNTY  
**SANTOS RANCH, UNIT NO. 3**  
PORTION OF SECTION 23, T.2S., R.4E., M.D.B.&M.  
SAN JOAQUIN COUNTY, CALIFORNIA

NOTES

- ALL WORK SHALL CONFORM TO SAN JOAQUIN COUNTY REQUIREMENTS.
- ELEVATIONS ARE BASED ON U.S.G.S. DATUM. BENCH MARK; TOP OF S.E. CORNER OF W.S.I.D. CONCRETE BOX AT N.E. CORNER OF VON SOSTEN AND HANSEN RD. EL. = 76.28
- INDIVIDUAL LOT DRAINAGE BASINS TO DRAIN STREET AND LOT AND TO BE CONSTRUCTED AS PART OF THESE PLANS.
- FOR CONSTRUCTION REQUIREMENTS SEE THESE PLANS AND SPECIAL PROVISIONS FOR SANTOS RANCH, UNIT NO. 3.
- IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO COORDINATE THE RELOCATION OF THE EXISTING POWER POLES ON HANSEN RD.
- EXCESS EXCAVATION SHALL BE SPREAD UNIFORMLY ON LOTS.
- CENTERLINE MONUMENTS TO BE DRAWING NO. G-3 OF DETAILS, SHEET 4. CONTRACTOR TO INSTALL CAST IRON MONUMENT BOXES. CONSULTANT ENGINEER TO SET  $\frac{3}{4}$ " IRON SURVEY PIN.
- SERVICES TO BE SUPPLIED AS FOLLOWS:
  - DOMESTIC WATER BY PRIVATE WELL.
  - SANITARY SEWER BY PRIVATE SEPTIC WELL.
  - STORM WATER - EACH LOT SHALL RETAIN ITS EQUAL SHARE OF DRAINAGE FROM THE SUBDIVISION INCLUDING STREET DRAINAGE.

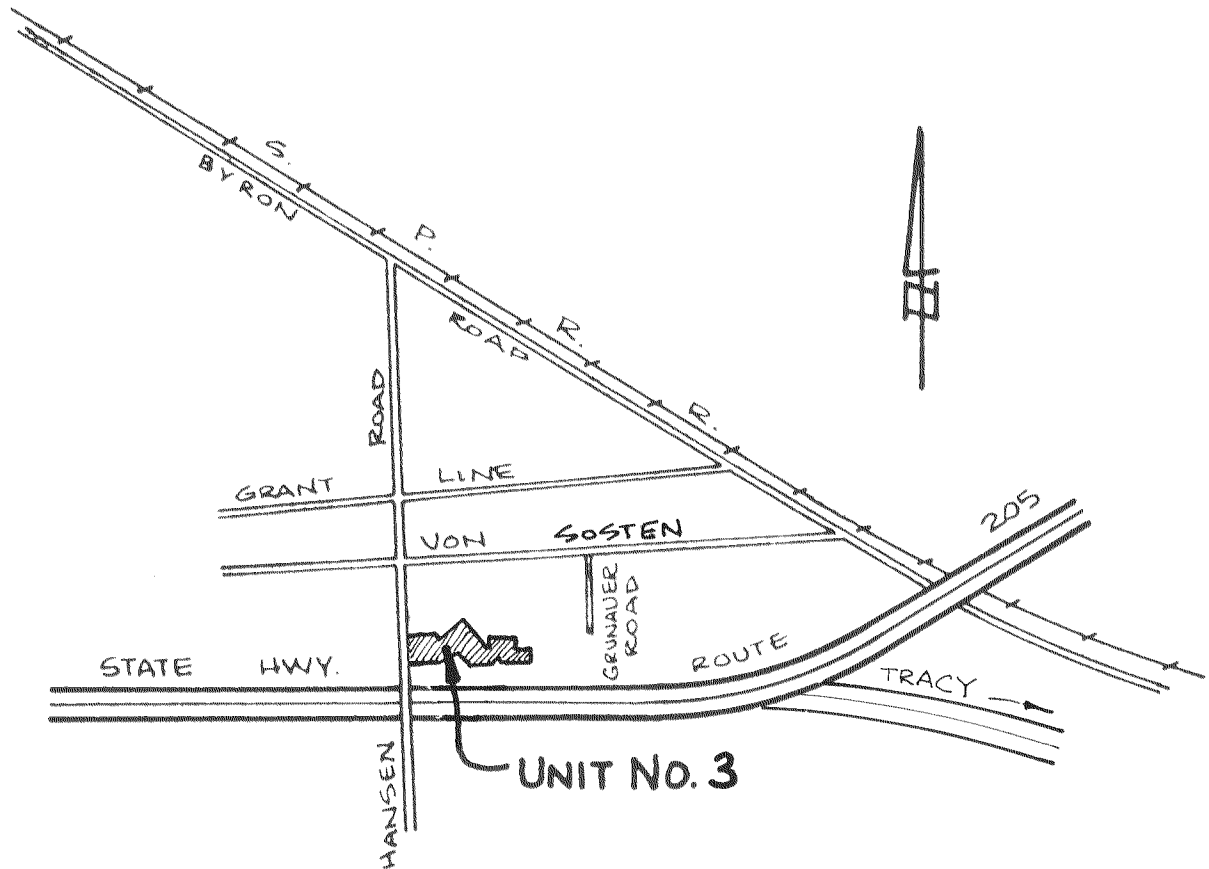
SHEET INDEX

- TITLE SHEET
- PLAN & PROFILE
- BERM, BASIN & LEACH FIELD PLAN
- DETAILS & STRUCTURAL SECTIONS

THESE PLANS AND SPECIFICATIONS HAVE BEEN  
REVIEWED AND APPROVED BY THE FOLLOWING  
DEPARTMENTS.

| DEPARTMENT                    | BY                          | DATE    |
|-------------------------------|-----------------------------|---------|
| WEST SIDE IRRIGATION DISTRICT | Henry S. Lumb, P.E. 5/10/81 |         |
| HEALTH DEPT.                  | James Miller                | 5-20-81 |
|                               |                             |         |
|                               |                             |         |

WSID. FACILITIES ALONG HANSEN ROAD.



VICINITY MAP  
NO SCALE

QUANTITIES

(FOR SAN JOAQUIN COUNTY)

|     |                                               |                                 |
|-----|-----------------------------------------------|---------------------------------|
| 1.  | STREET 2" A.C., 6" A.B., 7" A.S. (60' R/W)    | 64,900 SF.                      |
| 2.  | STREET 2" A.C., 6" A.B., 7" A.S. - HANSEN RD. | 7,200 SF.                       |
| 3.  | STREET 2" A.C., 8" A.B. (50' R/W)             | 31,800 S.F.                     |
| 4.  | STREET NAME SIGNS                             | 1 EA.                           |
| 5.  | CENTERLINE MONUMENTS                          | 10 EA.                          |
| 6.  | TYPE "B" BARRICADE                            | 1 EA.                           |
| 7.  | REMOVE & REPLACE TYPE "A" BARRICADE (2 ea.)   | LUMP SUM                        |
| 8.  | CORNERS-BOUNDARY AND LOTS                     | 39 EA. (BY CONSULTANT ENGINEER) |
| 9.  | EXCAVATION                                    | 10,000 cu. Yds.                 |
| 10. | PRIME COAT (SC-250)                           | 9.5 TONS                        |

LEGEND

|                      |                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------|
| ①                    | CURVE DATA                                                                                   |
| ⊙                    | CENTERLINE MONUMENT- SEE SHEET 4, ; ⊙ EXISTING MONUMENT                                      |
| ⊕                    | BENCH MARK- SEE NOTE 2                                                                       |
| — P.P.               | POWER POLE                                                                                   |
| +                    | STREET NAME SIGN- SEE SHEET 2 FOR LOCATION AND SEE SHEET 4, FOR INSTALLATION.                |
| 75<br>X 74.5<br>L.F. | ORIGINAL GROUND CONTOUR & SPOT ELEVATION (75.0) PROPOSED LOT GRADE LEACH FIELD (10,000 S.F.) |
| B                    | STORM DRAINAGE BASIN                                                                         |
| 5:040%               | DIRECTION OF STREET GRADE IN PERCENT.                                                        |
| ⊙                    | WELL, PRIVATE (TYP)                                                                          |
| ⊠ #2                 | LOCATION OF SOIL TEST FOR R-VALUE & SAMPLE NO. (ALL TESTS WERE LESS THAN 5.)                 |
| —                    | PROPERTY PIN (DO NOT DISTURB)                                                                |

ABBREVIATIONS

|          |                                                                                           |
|----------|-------------------------------------------------------------------------------------------|
| C        | CENTERLINE                                                                                |
| R        | PROPERTY LINE                                                                             |
| R/W      | RIGHT OF WAY                                                                              |
| E.P.     | EDGE OF PAVEMENT                                                                          |
| P.U.E.   | PUBLIC UTILITY EASEMENT-ELECTRIC, GAS AND TELEPHONE TO BE UNDERGROUND WITHIN SUBDIVISION. |
| W.S.I.D. | WEST SIDE IRRIGATION DISTRICT                                                             |
| R        | RADIUS                                                                                    |
| S        | SLOPE                                                                                     |
| P        | FINISHED CENTERLINE PROFILE GRADE                                                         |
| GR. BR.  | GRADE BREAK                                                                               |
| O.G.     | ORIGINAL GROUND                                                                           |
| 152 AC.  | SIZE OF LOT IN ACRES                                                                      |
| L.F.     | LINEAR FEET                                                                               |
| C.F.     | CUBIC FEET                                                                                |
| EA       | EACH                                                                                      |
| S.F.     | SQUARE FEET                                                                               |
| CU. YDS. | CUBIC YARDS                                                                               |
| A.C.     | ASPHALT CONCRETE                                                                          |
| A.B.     | AGGREGATE BASE                                                                            |
| A.S.     | AGGREGATE SUBBASE                                                                         |
| SC-250   | PRIME COAT TYPE                                                                           |

FILE NAME  
SUBMIT  
DRAWER  
SHEET NO.  
1408

| REVISIONS |                                                                                |         |        |
|-----------|--------------------------------------------------------------------------------|---------|--------|
| NO.       | DESCRIPTION                                                                    | DATE    | BY     |
| 1         | MISC.                                                                          | 2-10-81 | R.P.W. |
| 2         | SHIPPED 5 BERRY 40' NORTH CHSR LOTS 3, 4, 15, 17, 21, 23, 28<br>DELETED LOT 29 | 4-6-81  | J.H.   |
|           |                                                                                |         |        |
|           |                                                                                |         |        |

R.P. WELDUM & ASSOCIATES, INC.

CONSULTING CIVIL ENGINEERING

5361 N. PERSHING AVENUE STOCKTON, CALIFORNIA

SUBMITTED BY: Ronald P. Weldum R.C.E. 16835 DATE 12-9-80

|         |          |
|---------|----------|
| JOB NO. | 110-03   |
| RD NO.  |          |
| DESIGN  | R.P.W.   |
| DRAWN   | R.P.B.   |
| CHECKED | R.P.W.   |
| SCALE   | AS SHOWN |

DEPARTMENT OF PUBLIC WORKS  
SAN JOAQUIN COUNTY, CALIFORNIA

|                          |         |
|--------------------------|---------|
| APPROVED BY:             |         |
| DIRECTOR OF PUBLIC WORKS | 5/10/81 |
| DATE                     |         |

SANTOS RANCH - UNIT 3

TITLE SHEET

SHT. NO. 1 OF 4