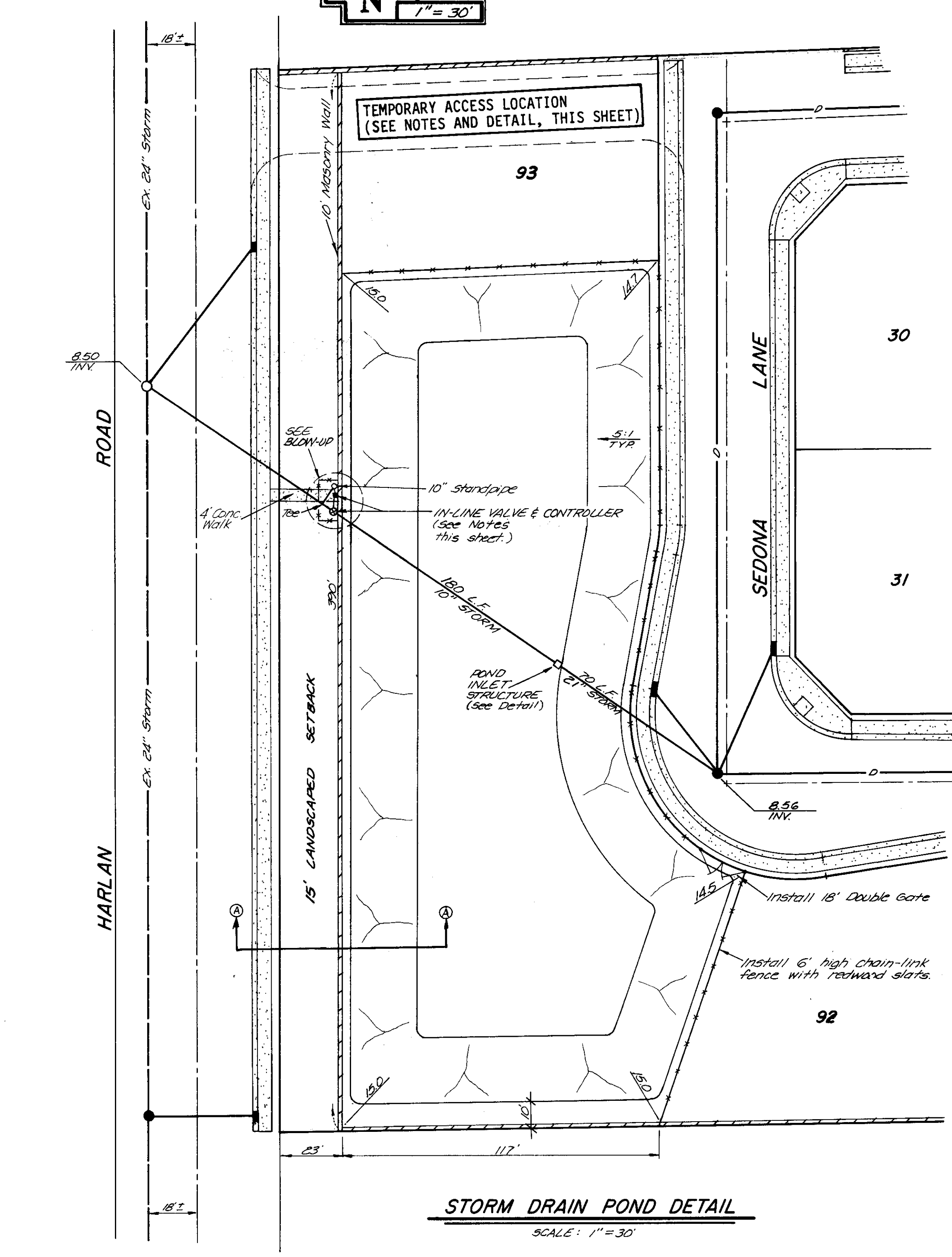
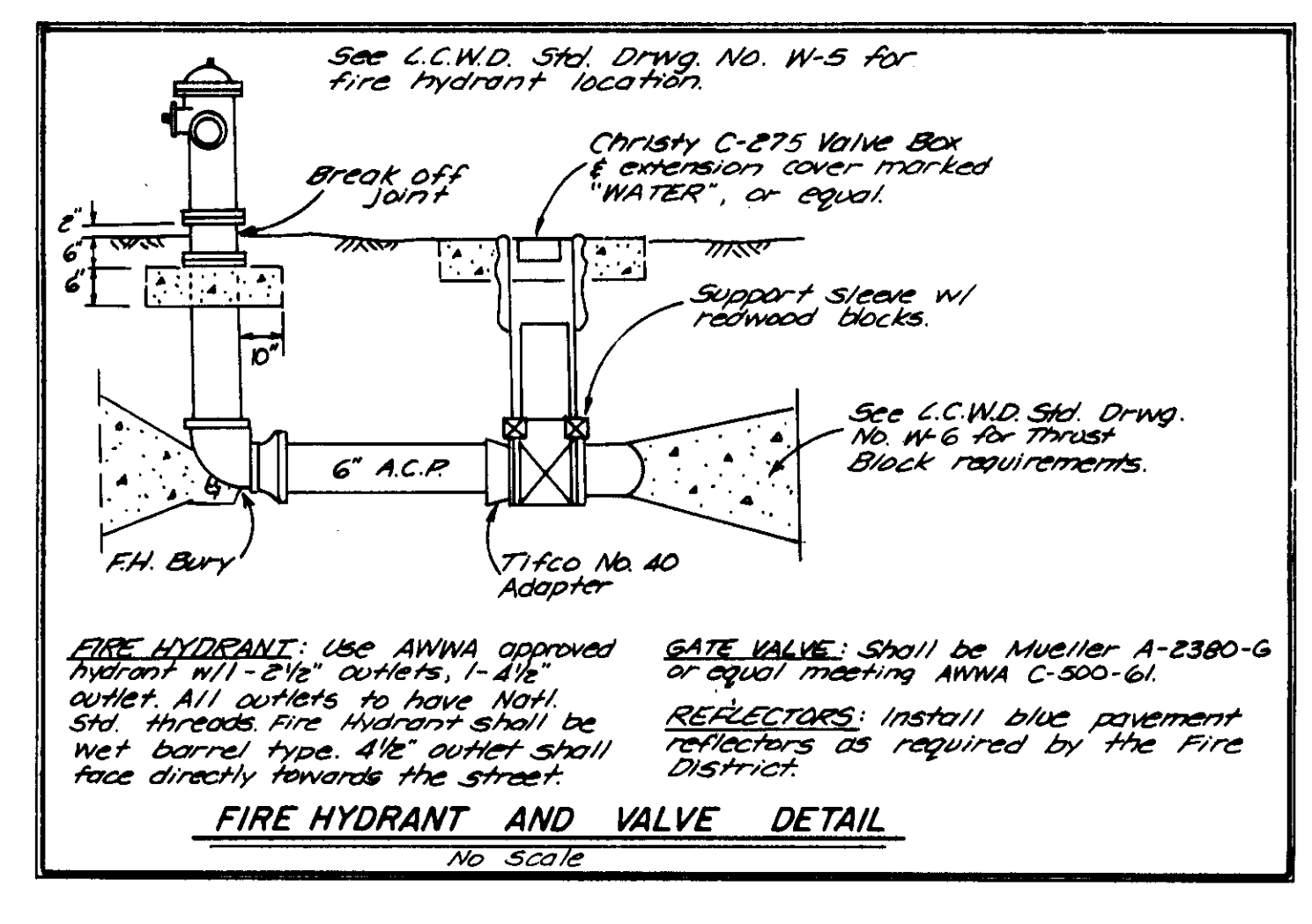
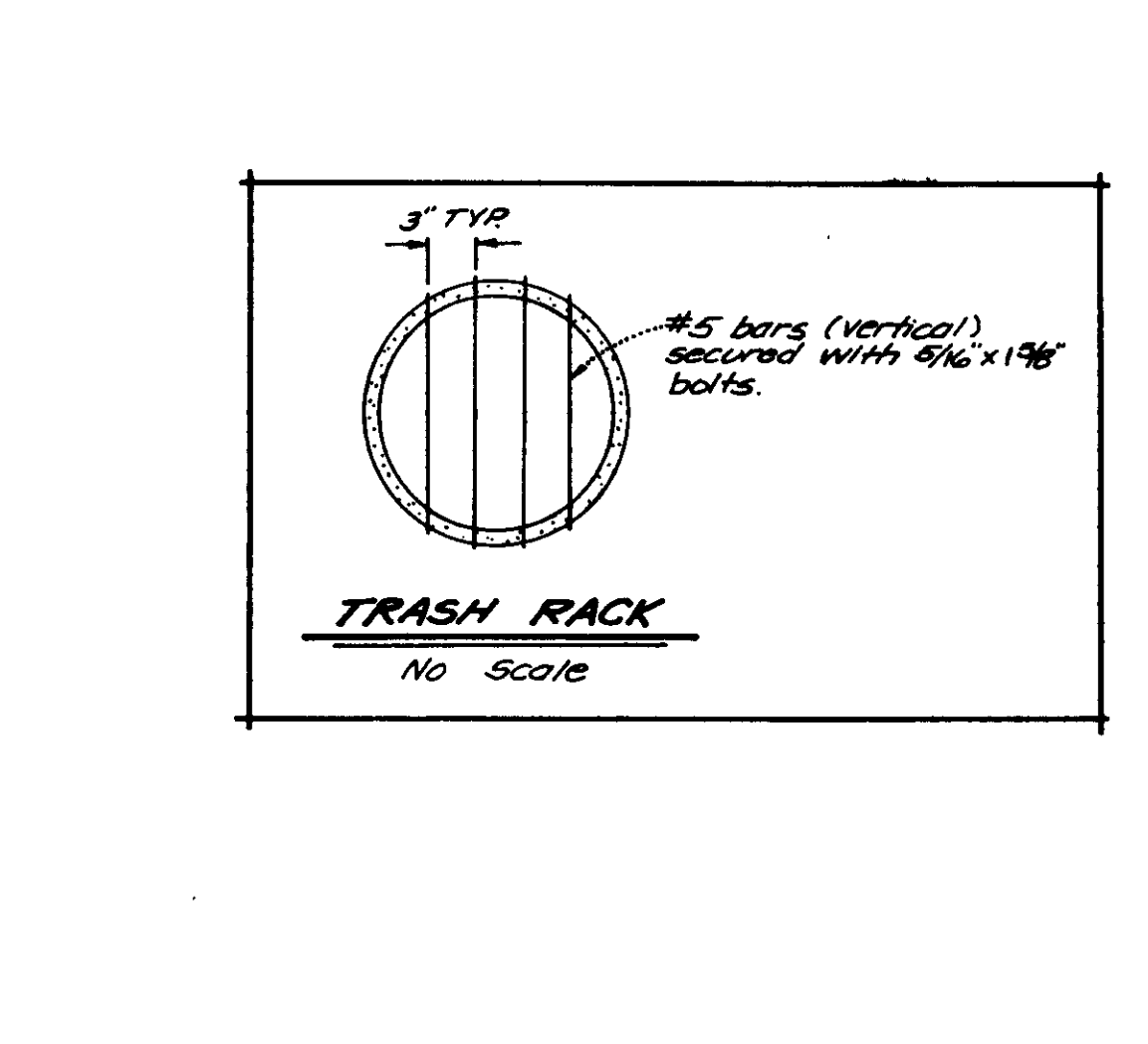
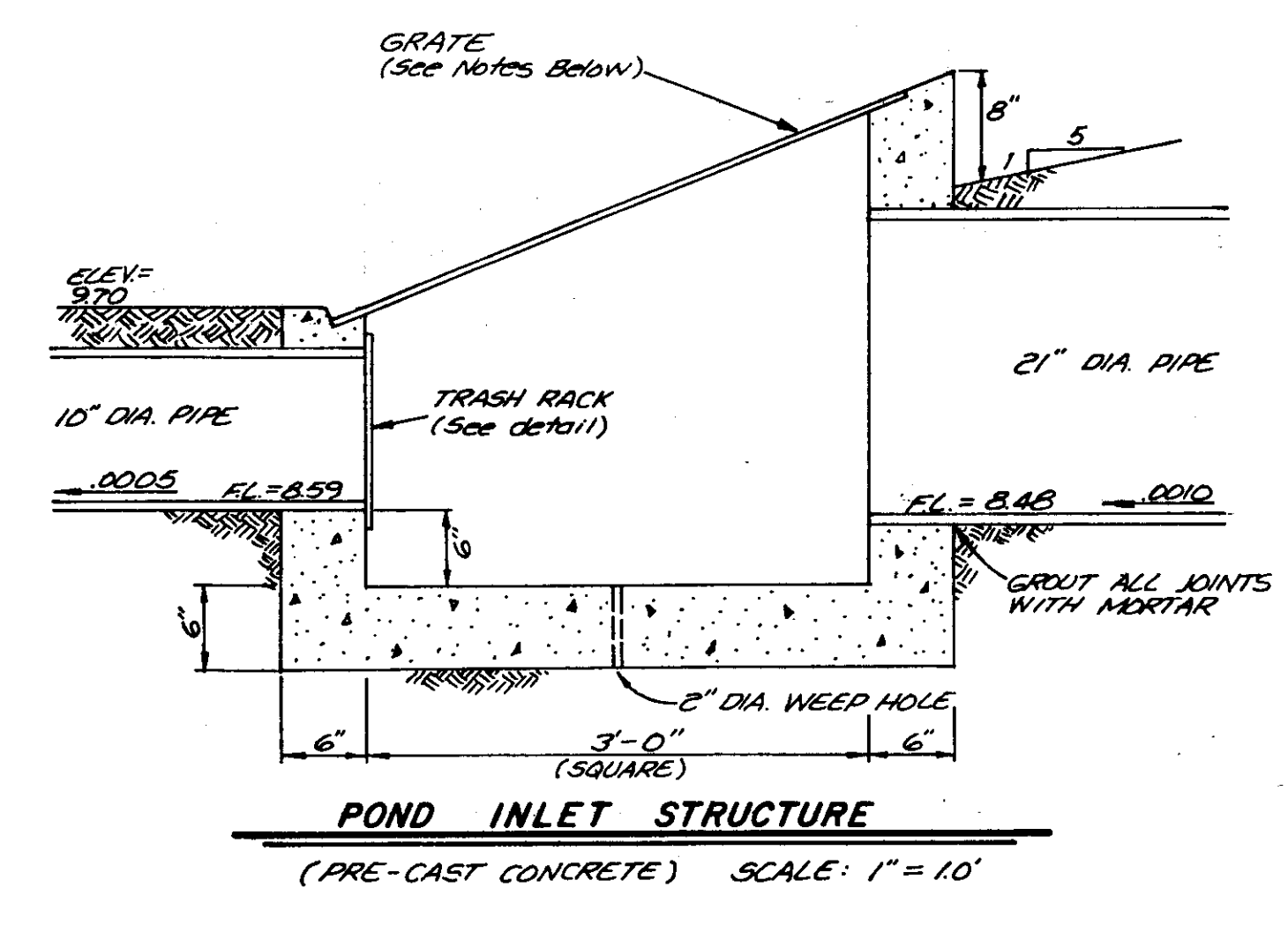
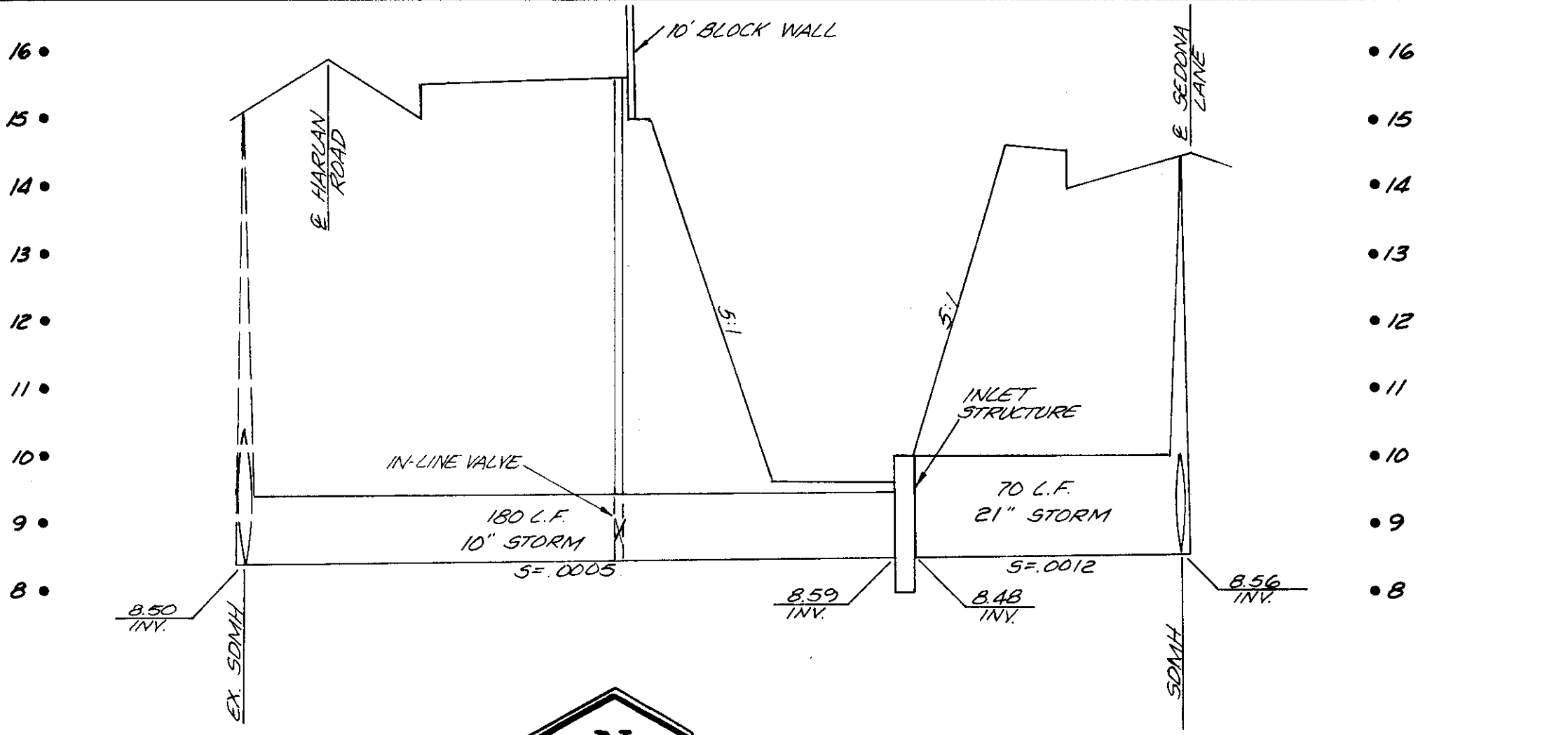
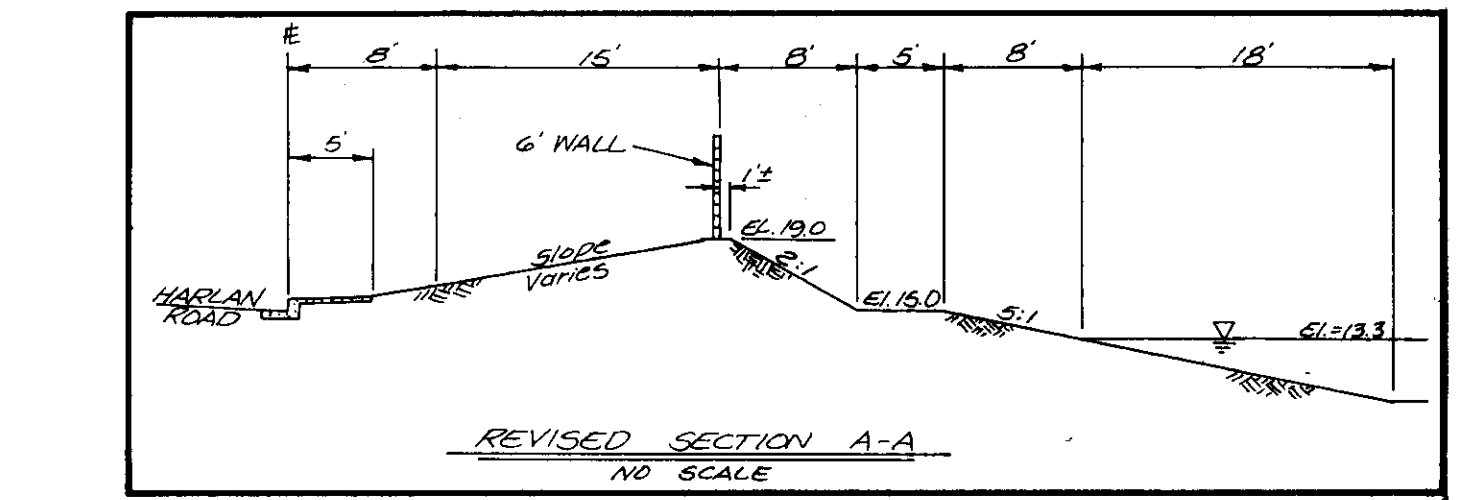
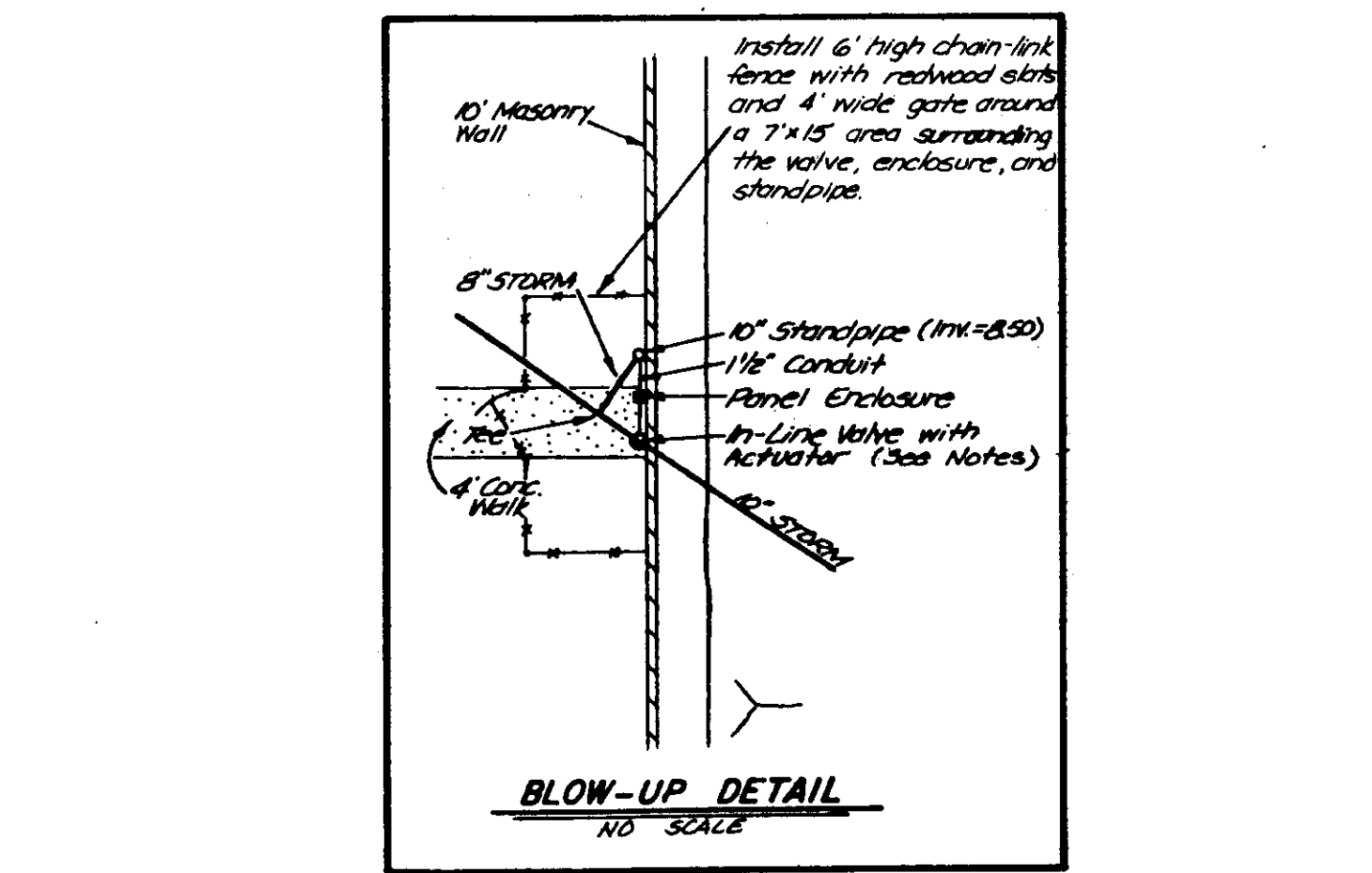




- INLET STRUCTURE NOTES:**
- 1) Inlet structure to be pre-cast with concrete having a minimum compressive strength of 3,000 psi at 28 days.
 - 2) Walls and floor slab are 6" thick and reinforced with 4" x 4" - 6-6 welded wire mesh.
 - 3) All joints to be grouted with mortar.
 - 4) Grate frame to be made of 1-3/4" x 1-3/4" x 3/16" angles and 1-3/4" x 1/4" side bars.
 - 5) Grate to be made of 1-1/2" x 3/16" bearing bars at 1-7/8" O.C. and 1-1/4" x 3/16" banding bars at 4" O.C.
 - 6) Metal frames and grate shall be galvanized after fabrication per ASTM A123.
 - 7) Grate shall be secured in such a way as to allow easy removal or access for maintenance purposes.

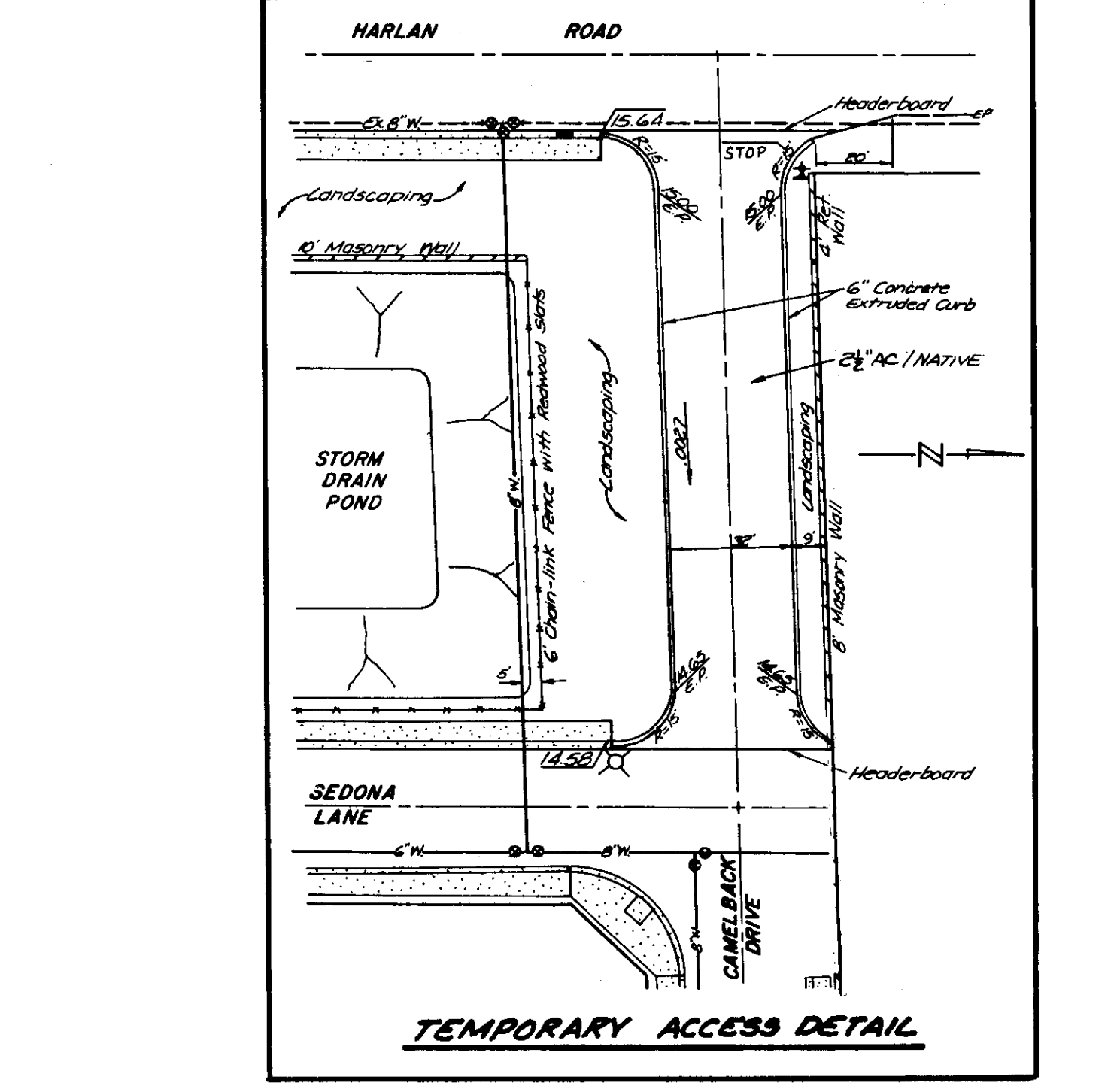
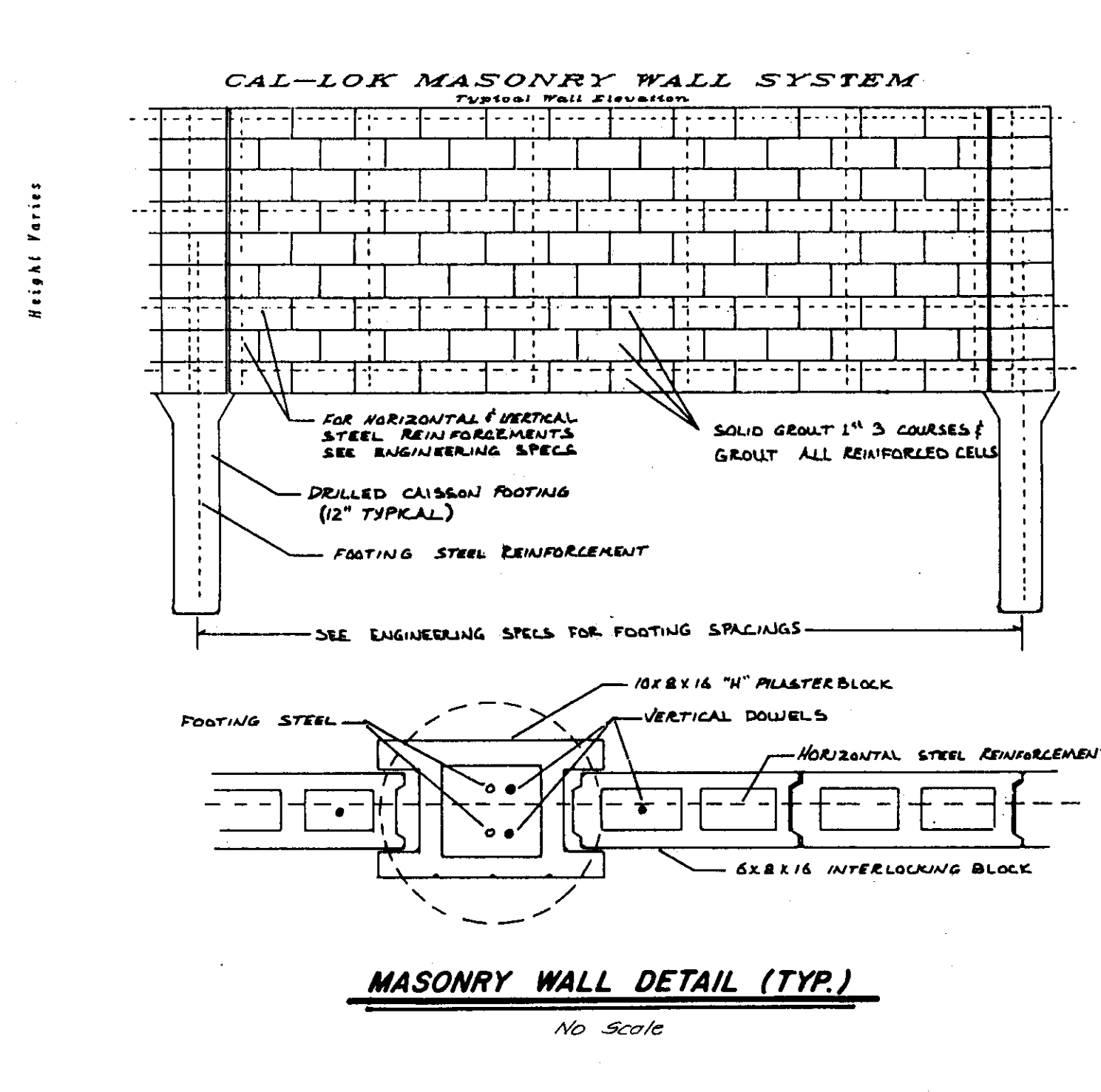
- STORM DRAIN POND NOTES:**
- 1) Install a 6' high chain-link fence with redwood slats around the perimeter of the pond, excluding the sides with the masonry wall.
 - 2) Install an 18' double gate in the fence as shown.
 - 3) Side slopes shall be 5:1 maximum.
 - 4) Grade bottom of pond to drain.
 - 5) High water elevation = 13.3
Pond bottom elevation = 9.7
Groundwater elevation = 1.95 Ac. Ft.
Pond capacity = 84,720 C.F.

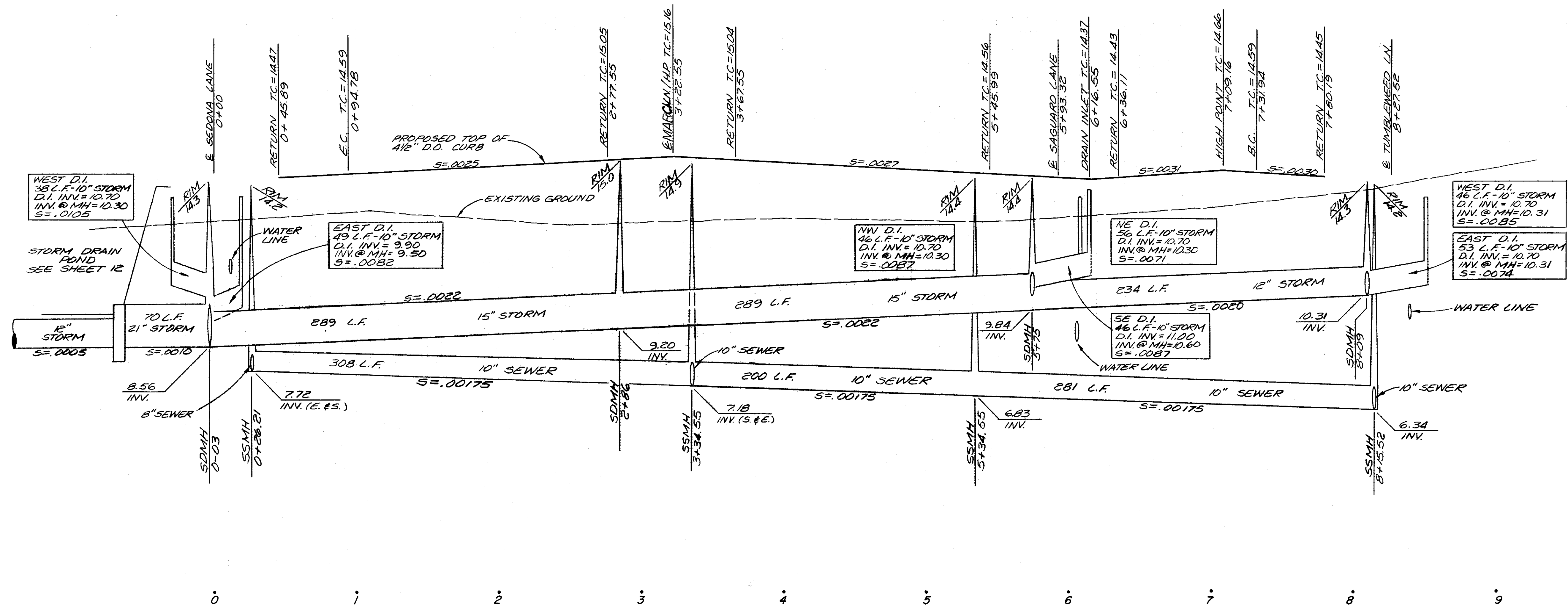


- VALVE SYSTEM NOTES:**
- 1) INSTALL 10" STANDPIPE AS SHOWN. STANDPIPE SHALL BE PAINTED OLIVE DRAB AND SHALL HAVE A GALVANIZED WIRE MESH COVER. TOP OF STANDPIPE SHALL BE 6'0" ABOVE GROUND. A MERCURY FLOAT SENSOR SHALL BE INSTALLED IN STANDPIPE WHICH WILL CLOSE THE VALVE WHEN WATER REACHES AN ELEVATION OF 10.50 AND OPEN THE VALVE WHEN THE WATER IS BELOW THIS POINT. THIS IS THE ELEVATION OF THE TOP OF PIPE FOR THE 24" MAIN IN HARLAN ROAD AT THE MANHOLE.
 - 2) VALVE SHALL BE A 10" GRINNELL MODEL LD-12014 KNIFE GATE VALVE, OR APPROVED EQUAL. VALVE SHALL HAVE AN ELECTRIC OPERATOR WITH MANUAL BACK-UP FOR VALVE OPERATION. SPECIFICATIONS MAY BE OBTAINED FROM THE CIVIL ENGINEER.
 - 3) ENCLOSURE SHALL BE CONSTRUCTED IN CONFORMANCE WITH APPLICABLE SECTION OF N.E.M.A. STANDARDS, AND SHALL BE WEATHER PROOF. ENCLOSURE SHALL BE FABRICATED OF STEEL HAVING A MINIMUM THICKNESS OF NOT LESS THAN 0.075 INCH (14 GAUGE). ALL SEAMS SHALL BE CONTINUOUSLY WELDED, AND SHALL BE FREE OF BURRS AND VOIDS. ALL SURFACES SHALL BE FINISHED WITH BAKED-ON WHITE ENAMEL. THERE SHALL BE NO HOLES THROUGH THE EXTERNAL WALLS OF THE ENCLOSURE OF ANY COMPONENTS CONTAINED WITHIN THE ENCLOSURE.

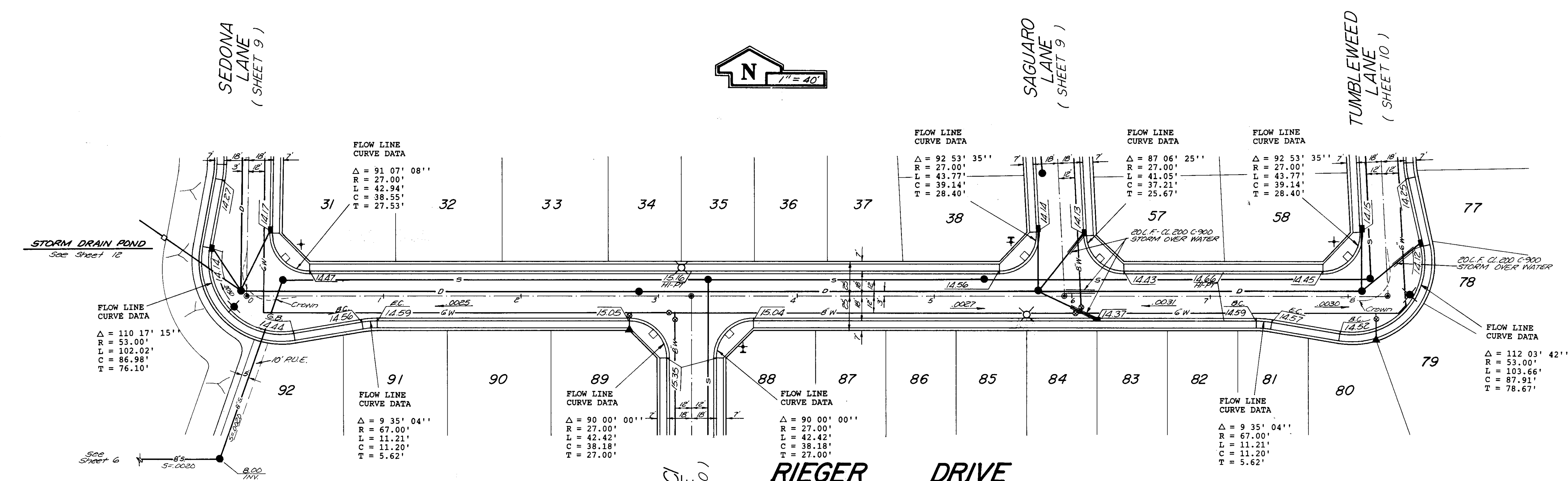
- TEMPORARY ACCESS NOTES:**
- 1) IF THE 'O' STREET EXTENSION TO HARLAN ROAD IS NOT POSSIBLE, THE TEMPORARY ACCESS ROAD SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL SHOWN, AND THE CONSTRUCTION NOTES BELOW.
 - 2) AT WHICH TIME 'O' STREET IS EXTENDED TO HARLAN ROAD, THE TEMPORARY ACCESS ROAD SHALL BE ABANDONED AND REVERT BACK TO A BUILDABLE LOT.

- TEMPORARY ACCESS CONSTRUCTION NOTES:**
- 'O' STREET:**
- 1) INSTALL 60 L.F. OF TYPE 'A' BARRICADE AT STATION 3+71.46 PER SAN JOAQUIN COUNTY STANDARD DRAWING A-9.
 - 2) INSTALL TEMPORARY BLOW-OFF AT STATION 3+71.46 PER LATHROP COUNTY WATER DISTRICT STANDARD DRAWING W-4.
 - 3) INSTALL TEMPORARY LAMPPOLE AT STATION 3+71.46 PER LATHROP COUNTY WATER DISTRICT STANDARD DRAWING S-1.
- SHALLOW LANE:**
- 1) INCREASE THE WATER PIPE SIZE FROM 6" TO 8".
- CAMELBACK DRIVE:**
- 1) INCREASE THE WATER PIPE SIZE FROM 6" TO 8".
- SEDONA LANE:**
- 1) SEE NEW WATER PIPE AND VALVE LOCATIONS IN THE DETAIL.
 - 2) RELOCATE ELECTROLIER TO LOCATION SHOWN ON DETAIL.
- ACCESS-WAY (SEE DETAIL):**
- 1) INSTALL STREET NAME SIGN, "STOP" SIGN, AND "STOP" STRIPING, AS SHOWN.
 - 2) INSTALL 6" VERTICAL EXTRUDED CONCRETE CURB AS SHOWN.
 - 3) INSTALL 32' WIDE PAVEMENT (0.29' A.C. & 0.42' A.B.) AS SHOWN.
 - 4) INSTALL HEADERBOARD AT FUTURE E.P. LINES AS SHOWN.
 - 5) INSTALL 8" WATER LINE THROUGH TO HARLAN ROAD AS SHOWN.





VERT. SCALE: 1" = 8'
HORIZ. SCALE: 1" = 40'



RECORD DRAWING
BY: MP DATE: 4-2-89

NOTE:
FINISHED CENTERLINE GRADE =
TOP OF CURB GRADE - 0.01'

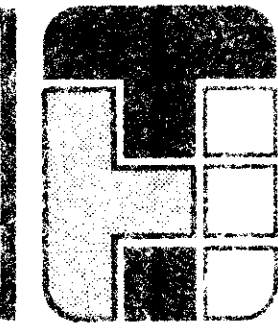
REVISIONS: YUMA LN CHANGED TO MARC LN 7/5/89 C.L.T.

SU-2021

APPROVED BY THE SAN JOAQUIN COUNTY
DIRECTOR OF PUBLIC WORKS.
BY: _____ DATE: _____

PLAN & PROFILE
RIEGER LANE

TUMBLEWEED PARK
LATHROP, CALIFORNIA

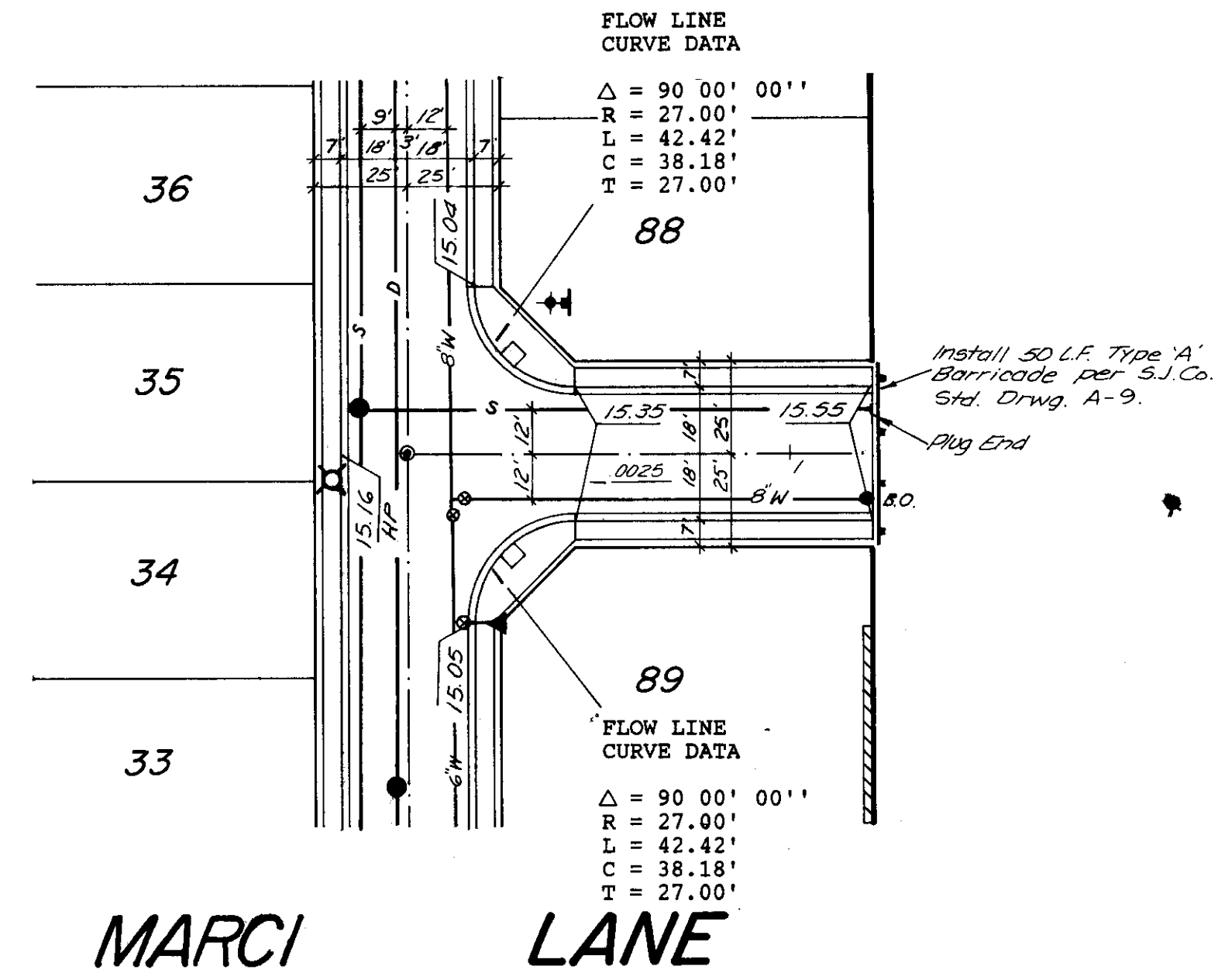
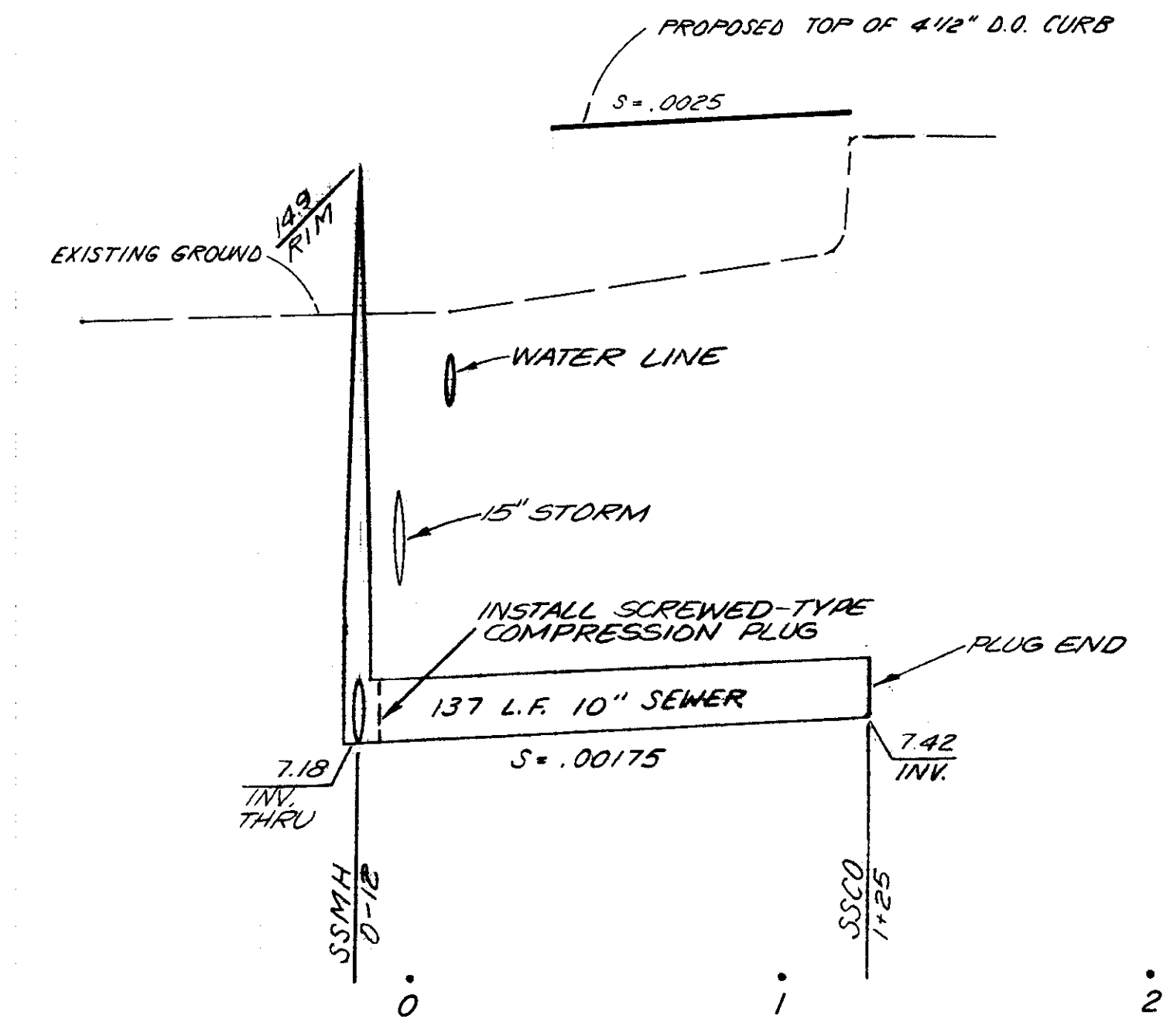
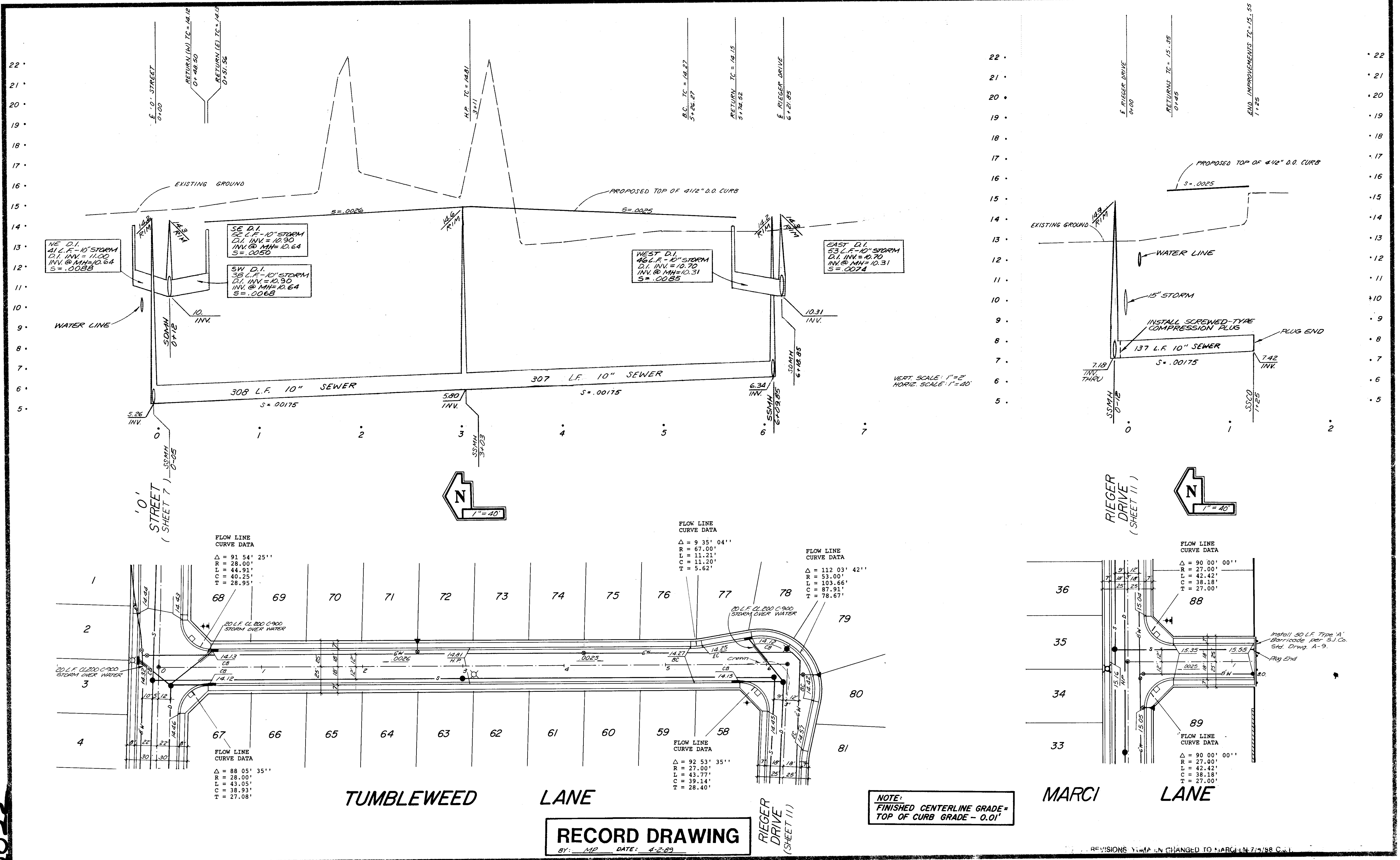


**THOMPSON-HYSELL
ENGINEERS**
1016 12TH STREET, MODESTO, CA 95354 (209) 921-5988

APPROVED BY: *Stanley Thompson*
RUE 32260 EXPIRES 12-31-88
SCALE: 1" = 40' HORIZ. 1" = 40' VERT. 1" = 8'
SHEET NO. 506 OF 506
DATE: 4-2-89

SHEET
NUMBER
11
OF
12

SU-2022



APPROVED BY THE SAN JOAQUIN COUNTY
DIRECTOR OF PUBLIC WORKS.
BY: _____ DATE: _____

PLAN & PROFILE
TUMBLEWEED LANE
MARCI LANE

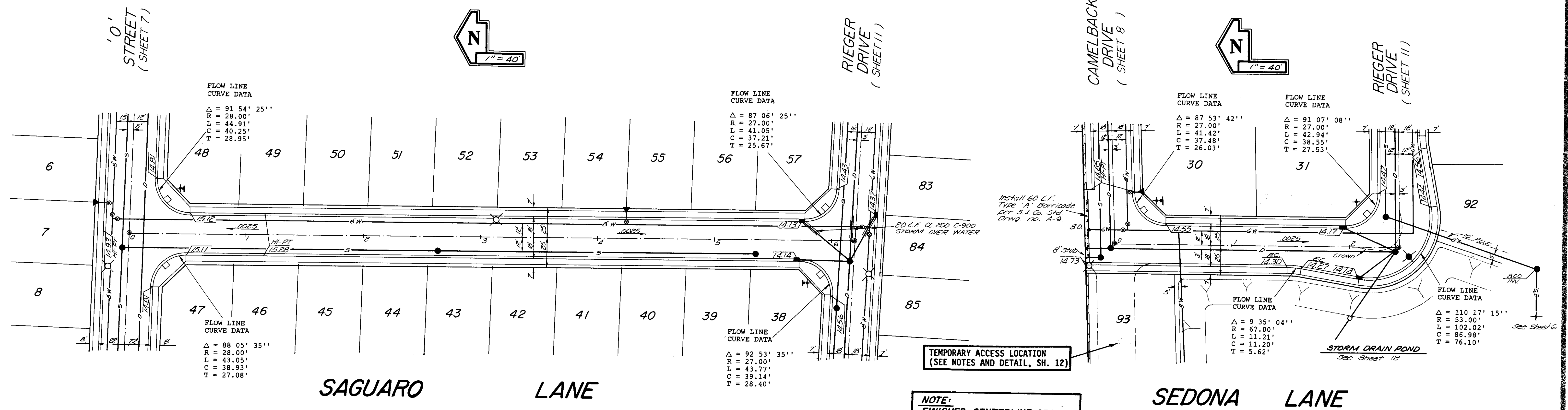
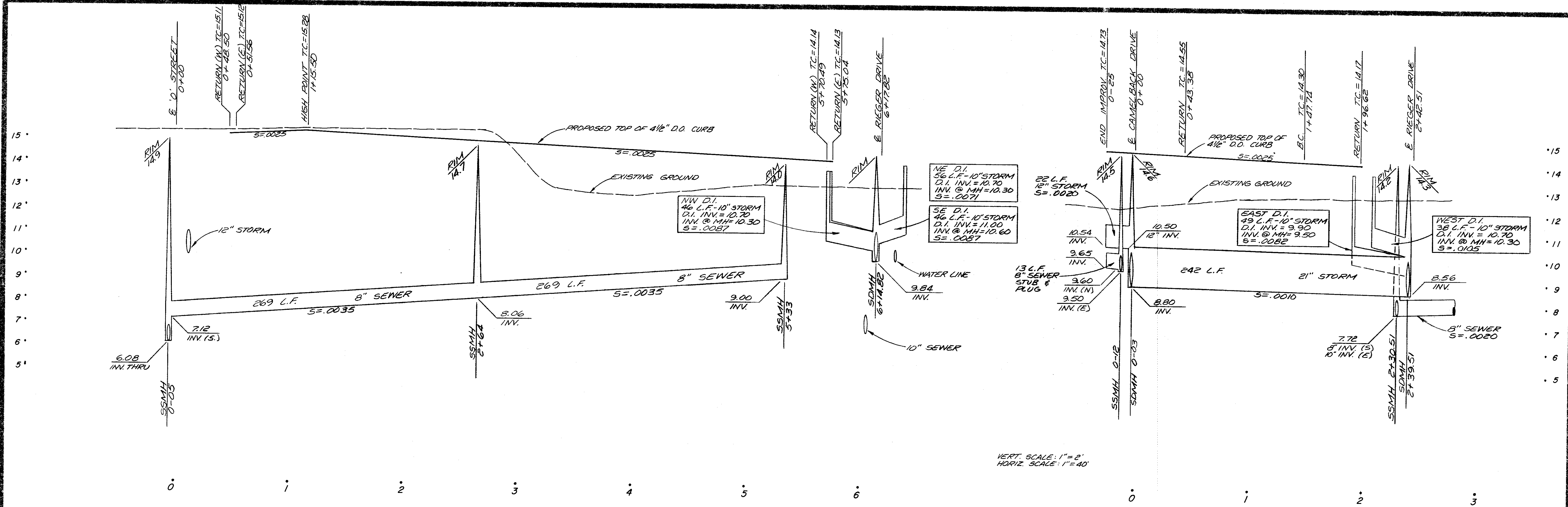
TUMBLEWEED PARK
LATHROP, CALIFORNIA

THOMPSON-HYSELL
ENGINEERS
1016 12TH STREET, MCDUSTO, CA 95354
(209) 521-8906

REVISIONS
1. CHANGED TO MARCI LANE 7/5/88 C.J.L.

SHEET
NUMBER
10
OF
12

50-2023



RECORD DRAWING
BY: MP DATE: 4-2-89

NOTE:
FINISHED CENTERLINE GRADE =
TOP OF CURB GRADE - 0.01'

APPROVED BY THE SAN JOAQUIN COUNTY
DIRECTOR OF PUBLIC WORKS.

BY: _____ DATE: _____

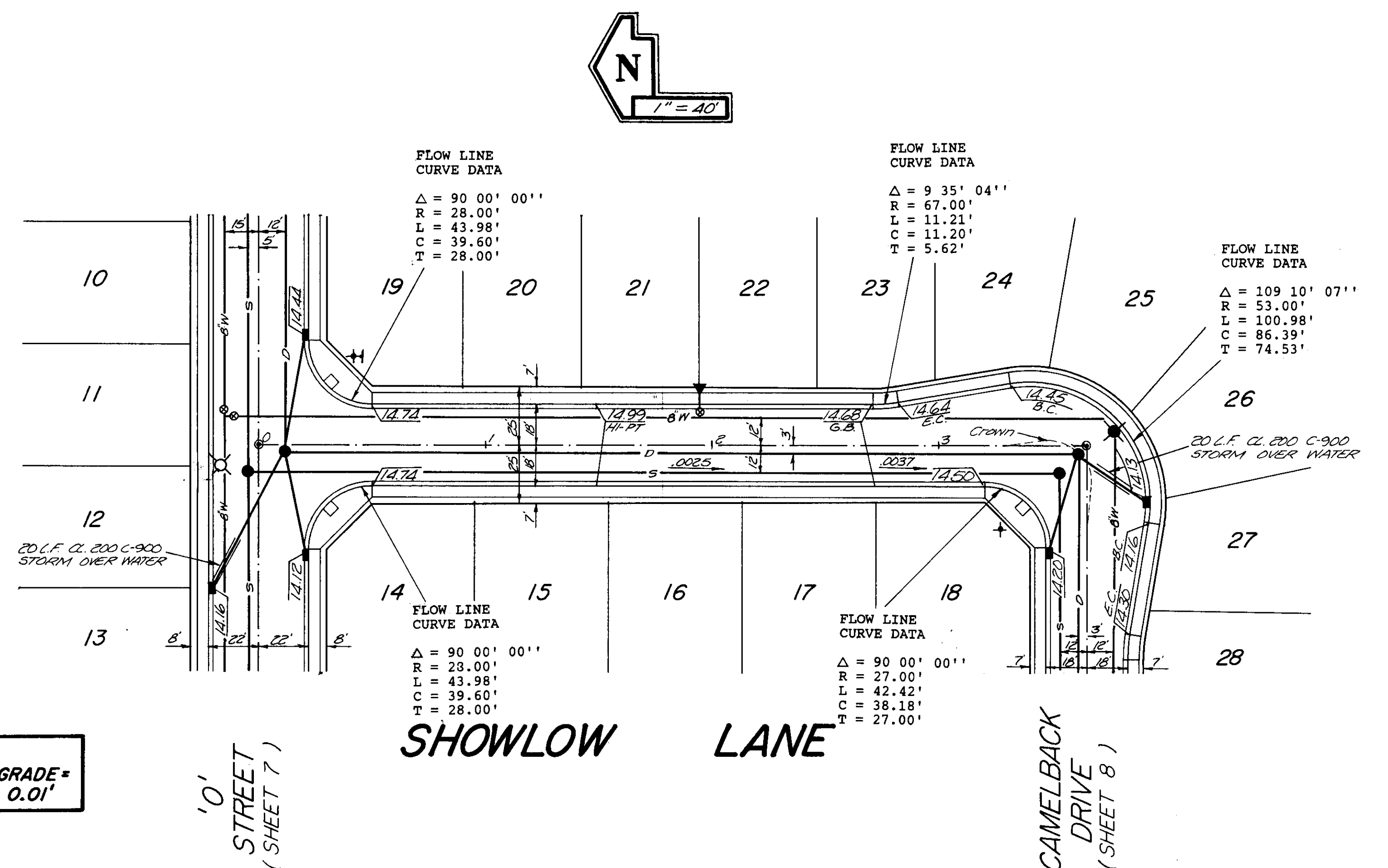
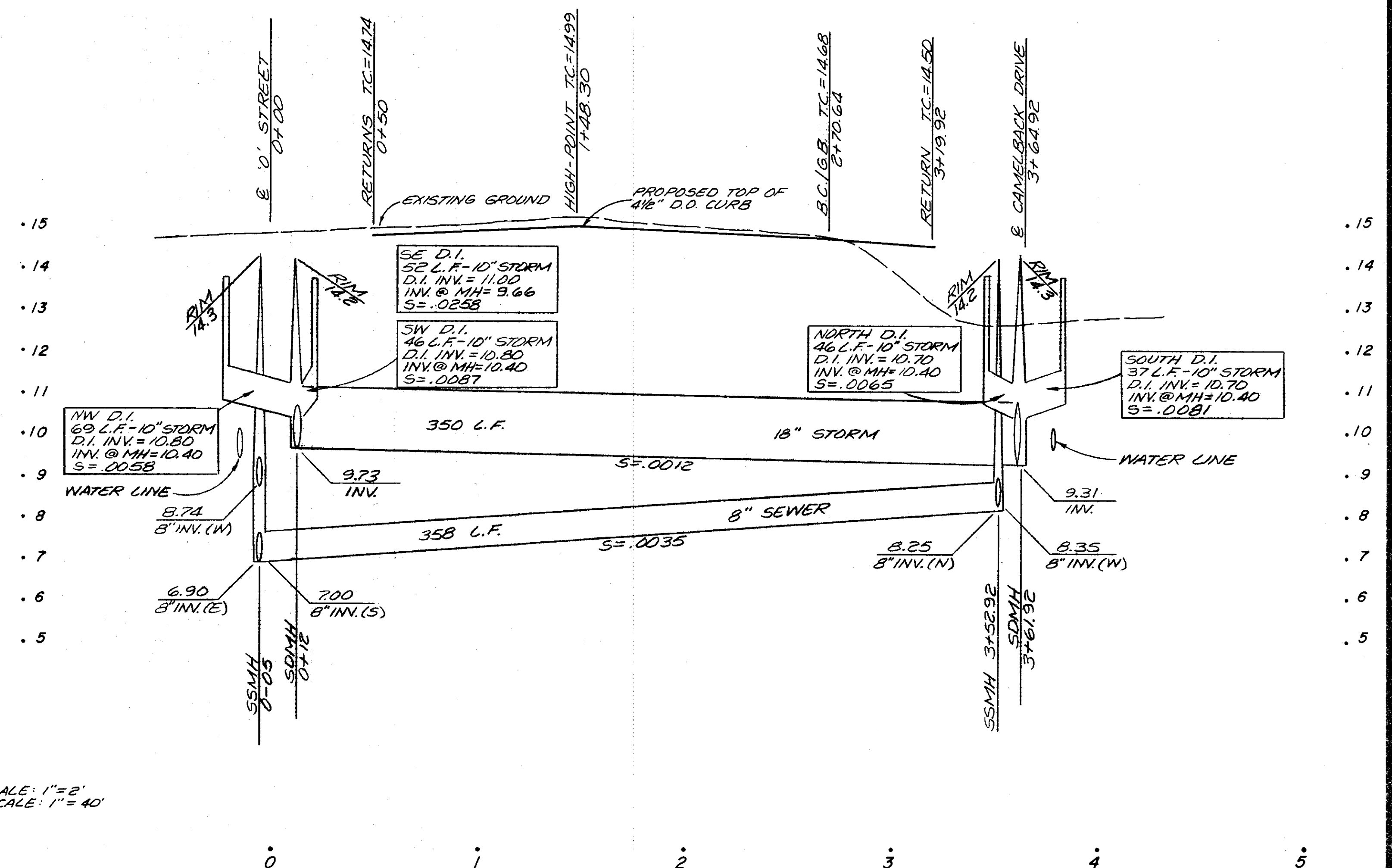
PLAN & PROFILE
SAGUARO LANE
SEDONA LANE

TUMBLEWEED PARK
LATHROP, CALIFORNIA

**THOMPSON-HYSELL
ENGINEERS**
1016 12TH STREET, MODESTO, CA 95354
(209) 521-2908

Stanley Thompson
RCE 32260, EXPIRES 12-31-89
SCALE: 1"=40' BY: TD / M.P.
SHEET 506 OF 506 S.E.
DATE: 4-5-88

SHEET
NUMBER
9
OF
12

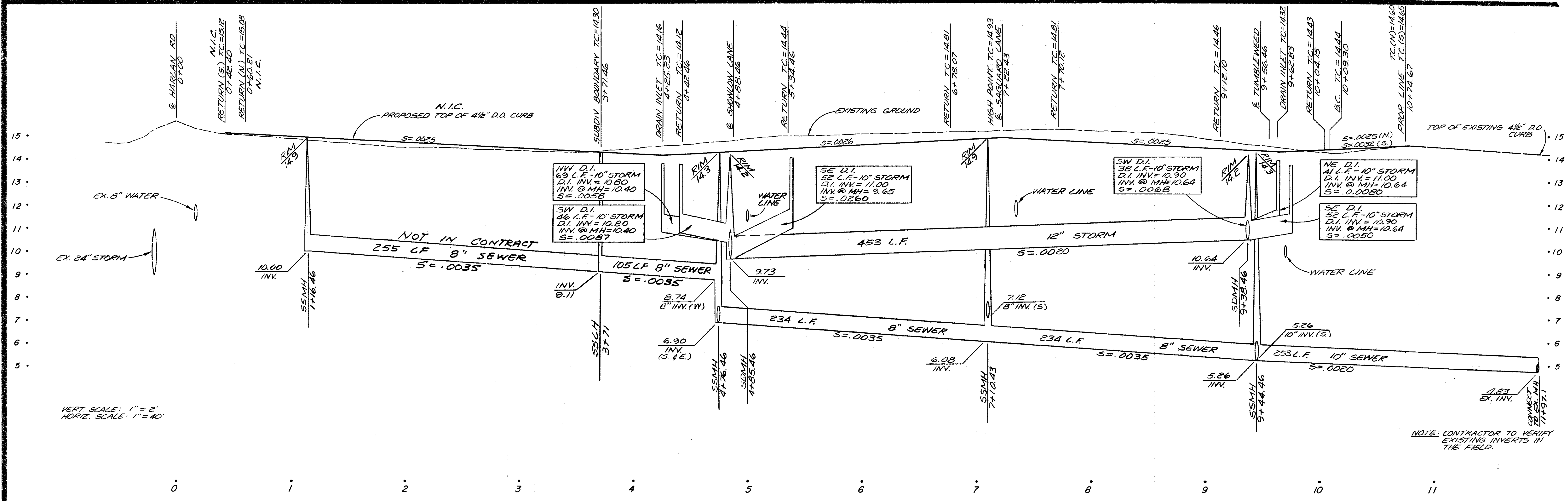


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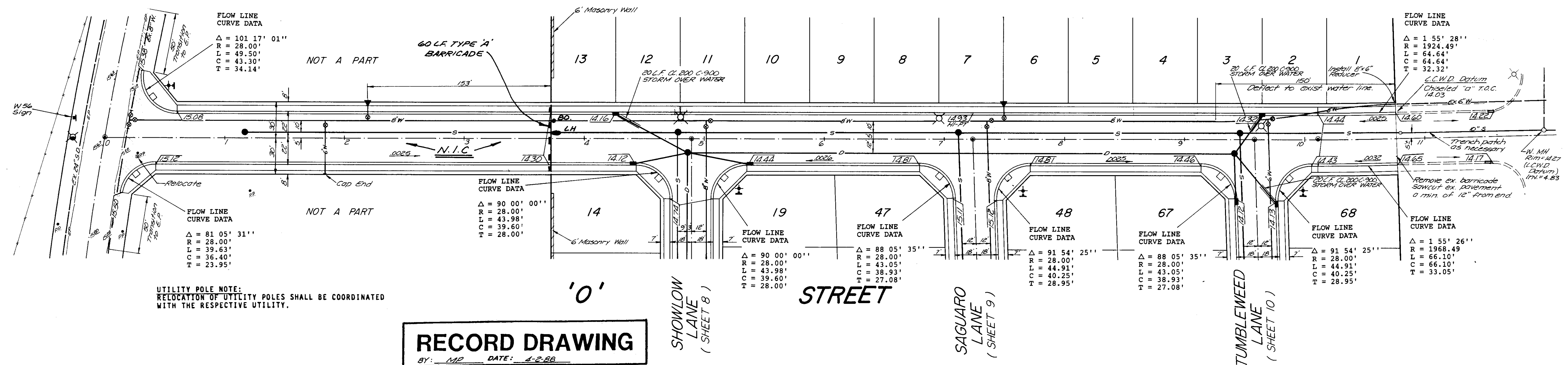
BY: MP DATE: 4-2-89

SHEET
NUMBER
3
OF 12

SU-2025



NOTE:
FINISHED CENTERLINE GRADE =
TOP OF CURB GRADE + 0.05'



RECORD DRAWING
BY: MP DATE: 4-2-88

PLAN & PROFILE
'O' STREET

TUMBLEWEED PARK
LATHROP, CALIFORNIA

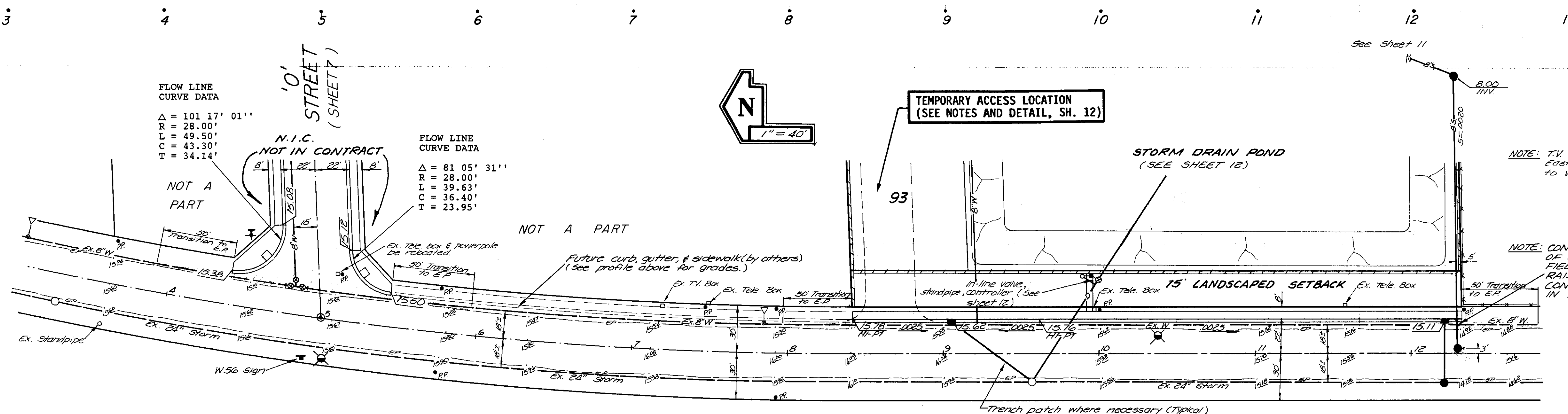
THOMPSON-HYSELL
ENGINEERS
1016 12TH STREET, MODESTO, CA 95364
(209) 521-8266

APPROVED BY: Stanley Thompson
RCE 32260 EXPIRES 12-31-88
SCALE: 1"=40' HORIZ. 1"=4' VERT.
JOB NO: 1506 DRAWN BY: SE
CHKD: HQ DATE: 2-5-88

SHEET NUMBER
7
OF 12

VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 40'

NOTE: CONTRACTOR TO VERIFY
EXISTING INVERTS IN
THE FIELD.



NOTE: AN ENCROACHMENT PERMIT IS REQUIRED PRIOR TO ANY
WORK IN THE HARLAN ROAD RIGHT-OF-WAY.

UTILITY POLE NOTE:
RELOCATION OF UTILITY POLES SHALL BE COORDINATED
WITH THE RESPECTIVE UTILITY.

HARLAN ROAD

RECORD DRAWING

BY: MP DATE: 4-2-89

APPROVED BY THE SAN JOAQUIN COUNTY
DIRECTOR OF PUBLIC WORKS.

BY: _____ DATE: _____

PLAN & PROFILE
HARLAN ROAD

TUMBLEWEED PARK
LATHROP, CALIFORNIA

**THOMPSON-HYSELL
ENGINEERS**

1016 12TH STREET, MODESTO, CA 95354

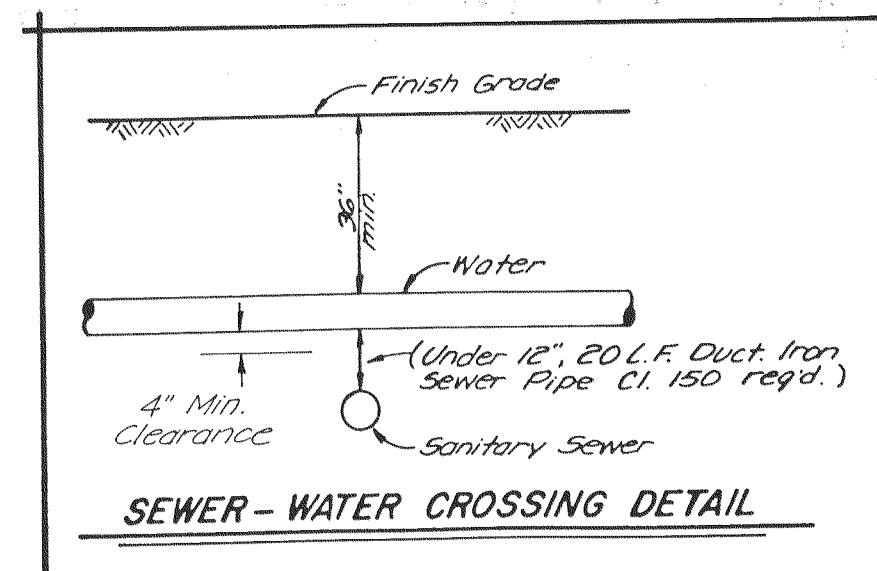
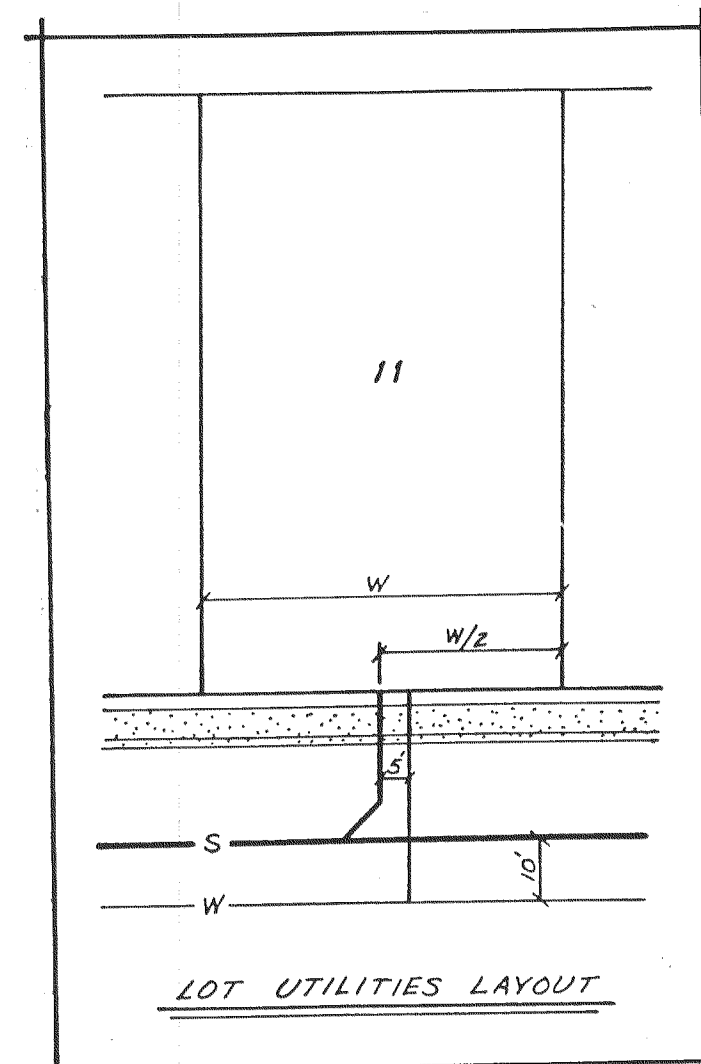
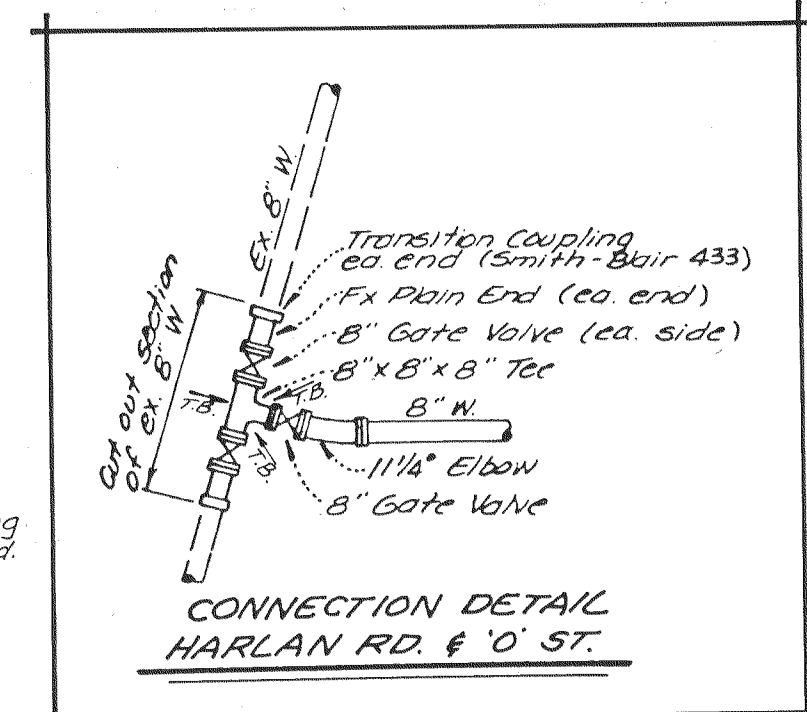
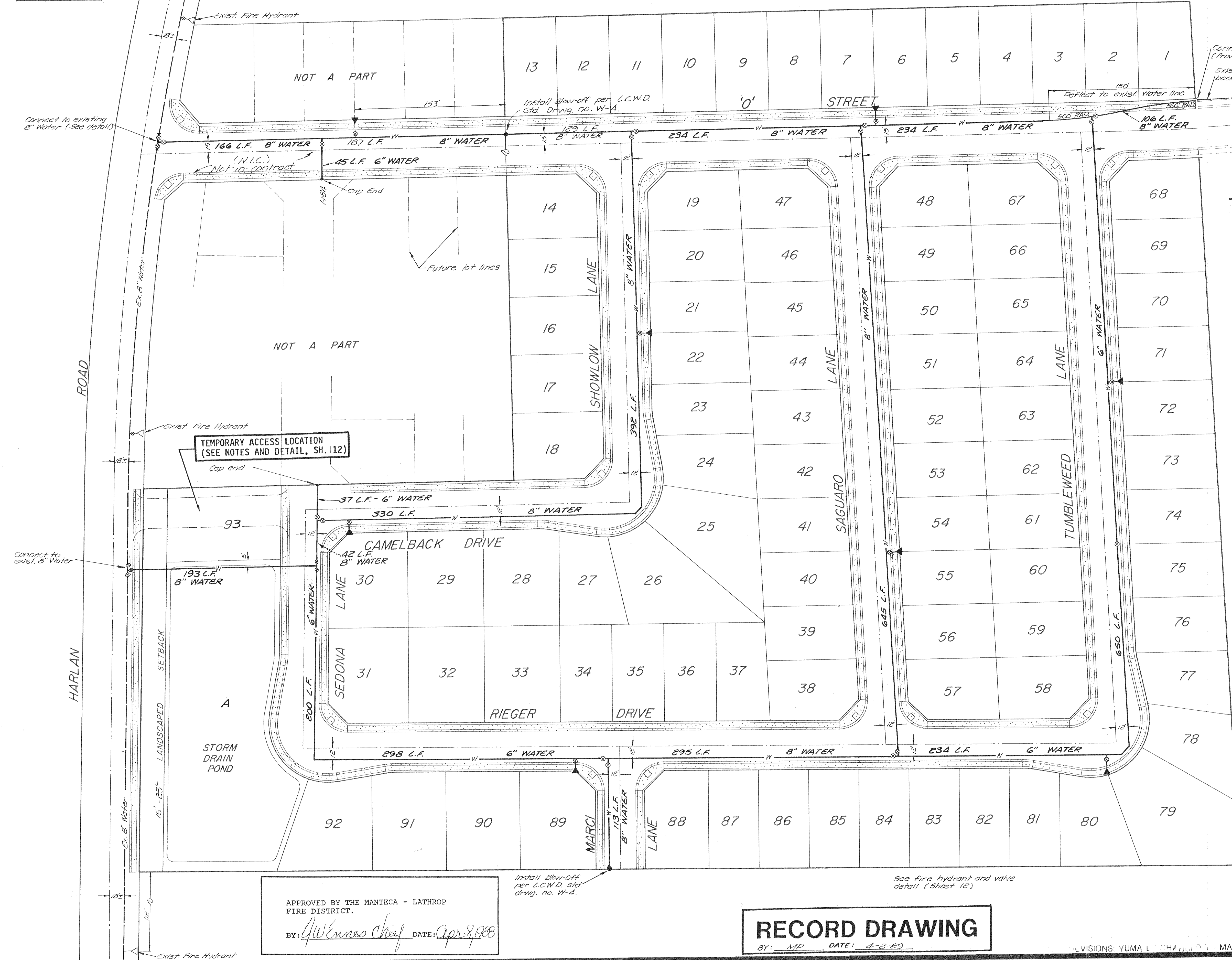
(209) 521-8936

Stanley Thompson
RCE 32260 EXPIRES 12-31-88
SCALE: 1" = 40' TO 1 M.P.
SHEET NO. 506 OF 506
DATE: 2-5-88

SHEET
NUMBER

6
OF 12

SU-2026



- NOTES:
1. WATER LINE MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATHROP COUNTY WATER DISTRICT SPECIFICATIONS AND IMPROVEMENT STANDARDS.
 2. WATER LINES SHALL BE A MINIMUM OF 10' FROM SEWER AND STORM DRAIN MAINS. CROSSINGS SHALL MEET STATE HEALTH STANDARDS.
 3. ALL WATER LINES SHALL BE TESTED AND DISINFECTED IN CONFORMANCE WITH THE REQUIREMENTS OF LATHROP COUNTY WATER DISTRICT PRIOR TO FINAL ACCEPTANCE.
 4. CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY MARKING THE INSTALLED LOCATION OF WATER SERVICES WITH STAMPED "W" DIRECTLY OVER SERVICE AT THE BACK OF SIDEWALK.
 6. ADDITIONAL NOTES REGARDING THE INSTALLATION OF UNDERGROUND FACILITIES ARE SHOWN ON SHEET 1 OF THESE PLANS.

NOTE: TRENCH BACKFILL SHALL CONFORM TO THE SAN JOAQUIN COUNTY STANDARD NO. A-7 AND LATHROP COUNTY WATER DISTRICT STANDARDS.

WATER SERVICES SHALL CONFORM TO LATHROP COUNTY WATER DISTRICT STANDARD DRWG. NO. W-1 OR W-2.

VALVE BOXES SHALL CONFORM TO LATHROP COUNTY WATER DISTRICT STANDARD DRWG. NO. W-3.

THRUST BLOCKS SHALL CONFORM TO LATHROP COUNTY WATER DISTRICT STANDARD DRWG. NO. W-6.

FIRE HYDRANTS SHALL CONFORM TO LATHROP COUNTY WATER DISTRICT STANDARD DRWG. NO. W-5.

BLOW-OFFS SHALL CONFORM TO LATHROP COUNTY WATER DISTRICT STANDARD DRWG. NO. W-4.

WATER MATERIALS:

WATER LINES SHALL BE POLYVINYL CHLORIDE (P.V.C.) CLASS 150, WITH A DR OF 18, P.V.C. SHALL MEET THE SPECIFICATIONS OF A.W.W.A. C-900, OR OTHER MATERIAL AS APPROVED BY LATHROP COUNTY WATER DISTRICT.

APPROVED BY THE MANTECA - LATHROP FIRE DISTRICT.

BY: *GW Ennes Chief* DATE: *Apr 8, 1988*

RECORD DRAWING

BY: *MP* DATE: *4-2-89*

5-2027

APPROVED BY THE LATHROP COUNTY WATER DISTRICT.

BY: *Roy Casted* DATE: *5/25/88*

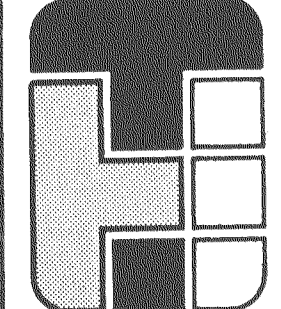
APPROVED BY THE SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS.

BY: _____ DATE: _____

WATER PLAN

TUMBLEWEED PARK

LATHROP, CALIFORNIA



THOMPSON-HYSELL ENGINEERS

1016 12TH STREET, MODESTO, CA. 95354 (209) 521-8866

APPROVED BY: *Stella Thompson*

R.C.C. 32260 EXP 12-31-88

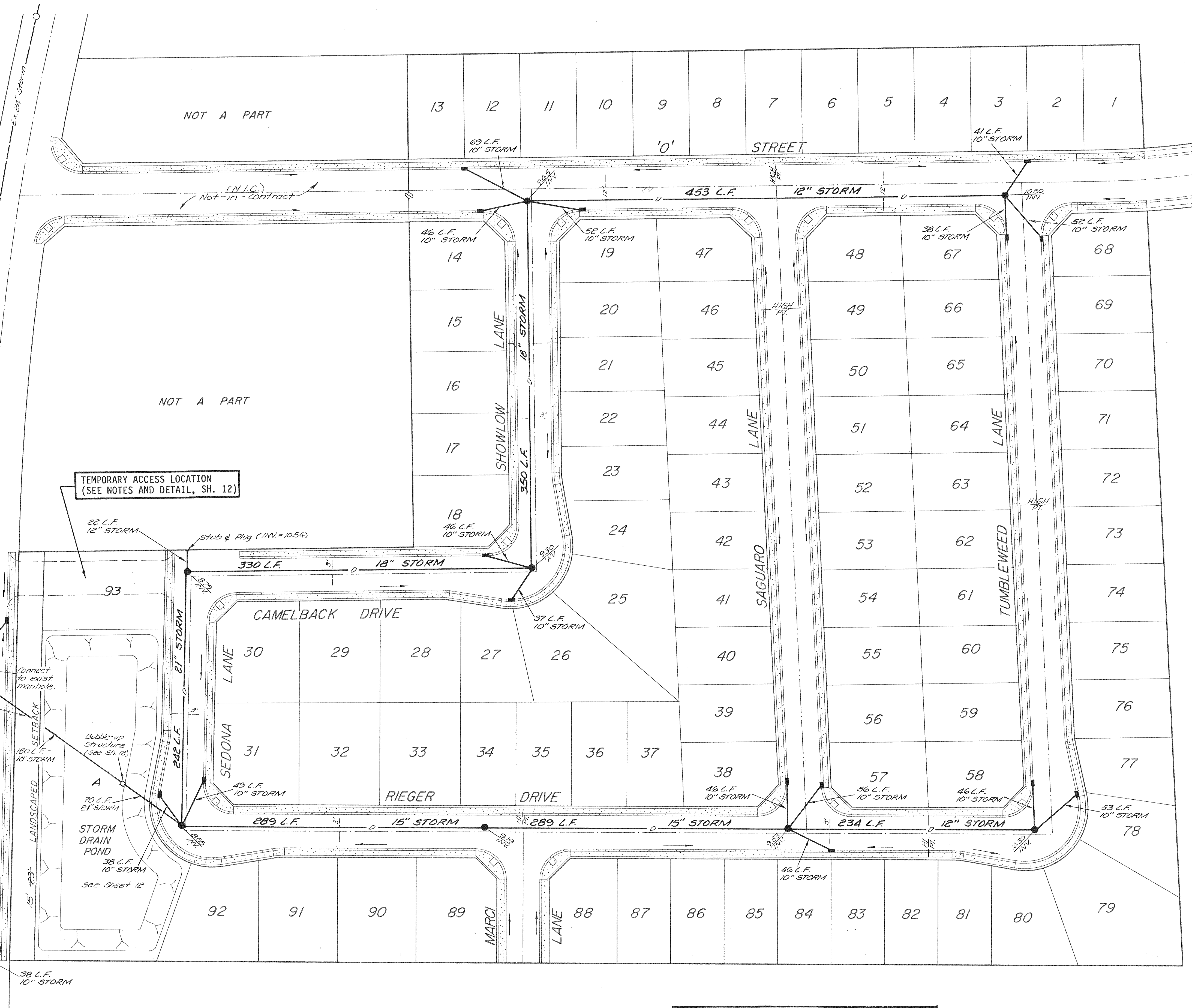
SCALE: 1"=50' DR. BY: *MP*

JOB NO. 506 CK. BY: *S.E.*

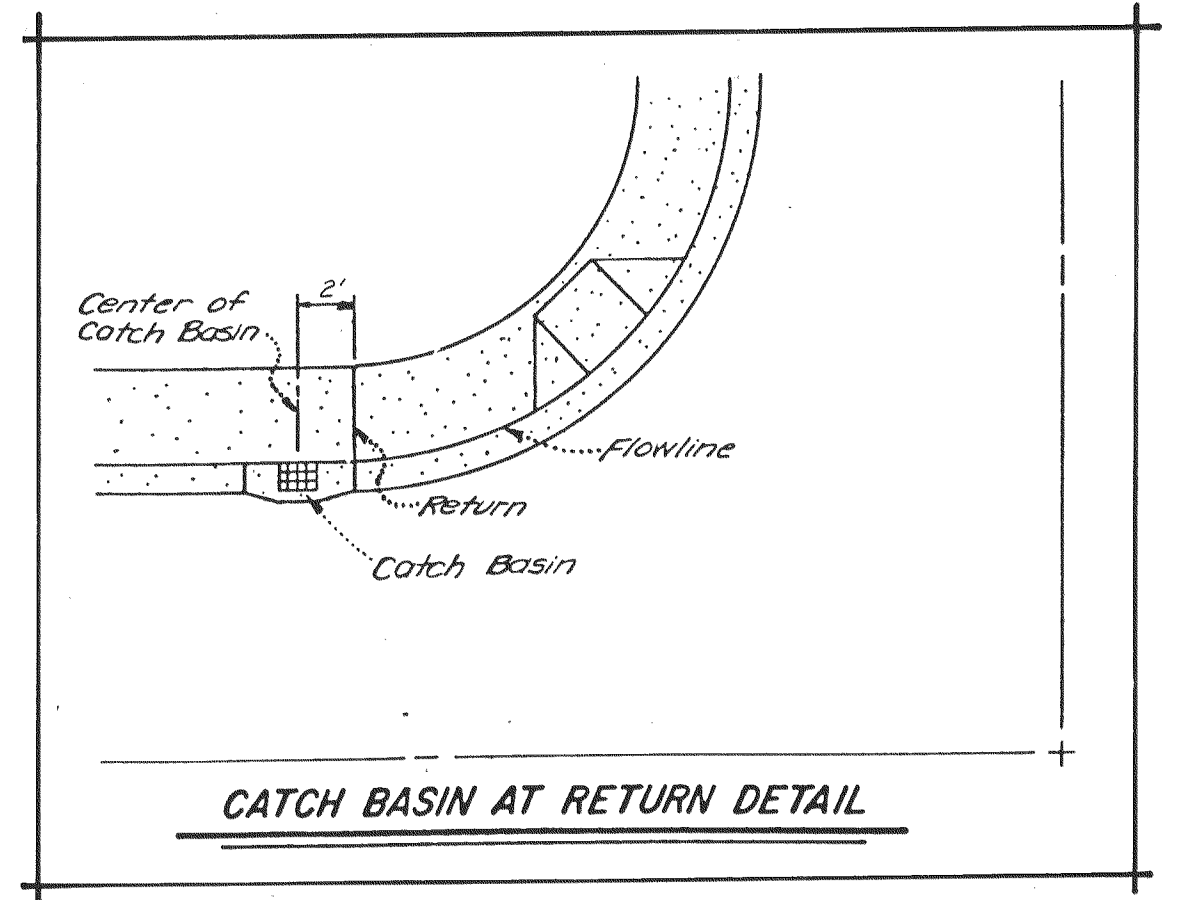
DISK: *H.D.* DATE: *2-5-88*

SHEET NUMBER

3 OF 12



- STORM DRAIN NOTES:**
- 1) ALL STORM DRAIN CONSTRUCTION TO BE IN ACCORDANCE WITH THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS AND IMPROVEMENT STANDARDS.
 - 2) ALL CATCH BASINS TO BE PER STANDARD PLATE NO. C-3 AND C-6 FOR FRAME AND GRATE.
 - 3) THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
 - 4) THE CONTRACTOR SHALL PROVIDE SHORING, BRACING, SLOPING OR PROVISIONS TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF FIVE FEET OR MORE. SAID PROTECTION TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS, AND STATE REGULATIONS.
 - 5) ADDITIONAL NOTES REGARDING INSTALLATION OF UNDERGROUND FACILITIES ARE SHOWN ON SHEET 1 OF THESE PLANS.
 - 6) ALL VALVES, MANHOLE RIMS AND LAMPHOLES TO BE ADJUSTED TO FINISH OF GRADE AFTER STREET PAVING. COST FOR RAISING FACILITIES TO BE INCLUDED IN UNIT PRICES FOR MANHOLES, VALVES AND LAMPHOLES.



- STORM DRAIN MATERIALS:**
- POLYVINYL CHLORIDE PIPE**
- PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF A.S.T.M. SPECIFICATIONS D-3034 FOR 12" TO 15" S.D.R. AND F-679 FOR 18" TO 24". FITTINGS SHALL BE OF THE SAME COMPOSITION AS THE PIPE WITH RUBBER COMPRESSION JOINTS.
- REINFORCED CONCRETE PIPE**
- REINFORCED CONCRETE PIPE SHALL BE CLASS 3 WITH RUBBER GASKETED JOINTS AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 65, REINFORCED CONCRETE PIPE, OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS.
- CAST IN PLACE CONCRETE PIPE**
- CAST IN PLACE CONCRETE PIPE MATERIAL AND INSTALLATION SHALL CONFORM TO SECTION 63, CAST IN PLACE CONCRETE PIPE, OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS.

NOTE: TRENCH BACKFILL SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. A-5.

MANHOLES SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. C-1, C-2, AND C-5.

STORM DRAIN INLETS SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. C-3 AND C-6.

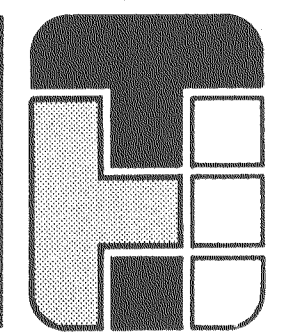
RECORD DRAWING
BY: MP DATE: 4-2-88

REVISIONS: 1. 10/8 C.J.T.

APPROVED BY THE SAN JOAQUIN COUNTY
DIRECTOR OF PUBLIC WORKS.
BY: _____ DATE: _____

**STORM DRAIN
PLAN**

TUMBLEWEED PARK
LATHROP, CALIFORNIA

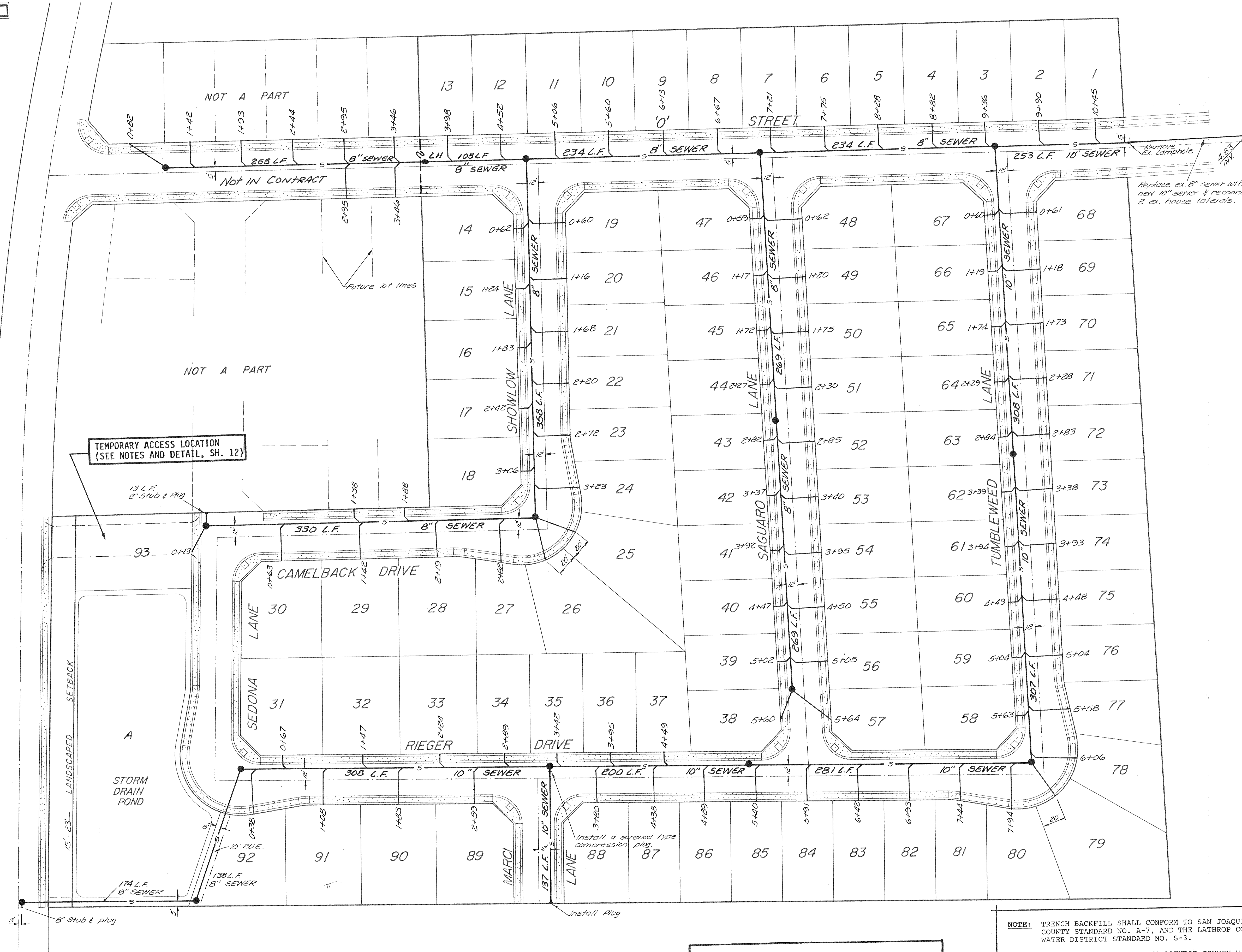


**THOMPSON-HYSELL
ENGINEERS**
1016 12TH STREET, MODESTO, CA. 95354 (209) 521-8986

APPROVED BY: *H. Stanley Thompson*
R.C.E. 30260 SEP 12-31-88
SCALE: 1" = 50' DR. BY: MP
JOB NO. 506 CK. BY: SE
DISK: H.D. DATE: 2-5-88

SHEET NUMBER
4
OF **12**

SU-2028



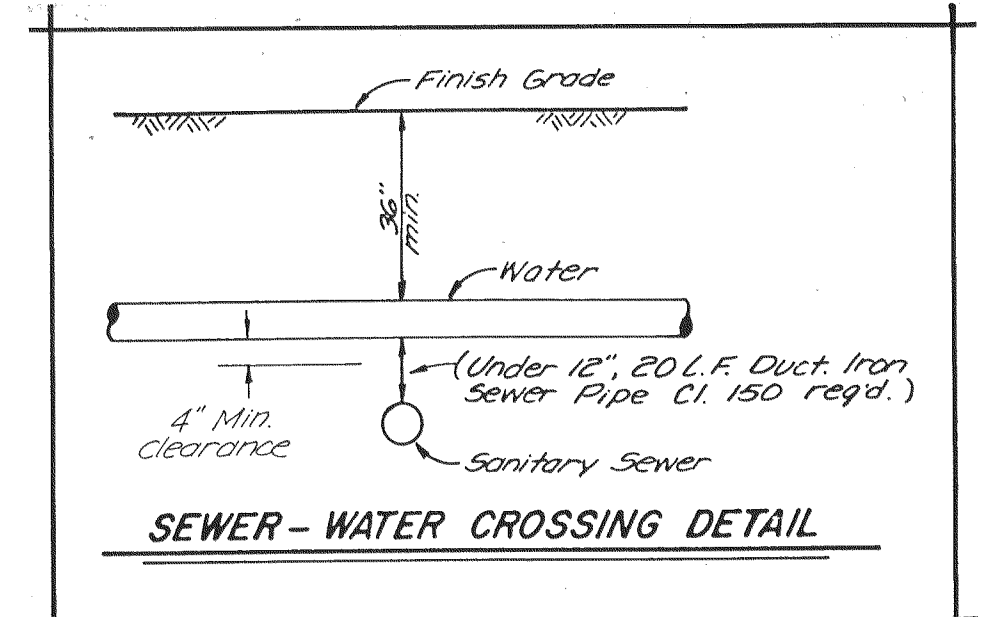
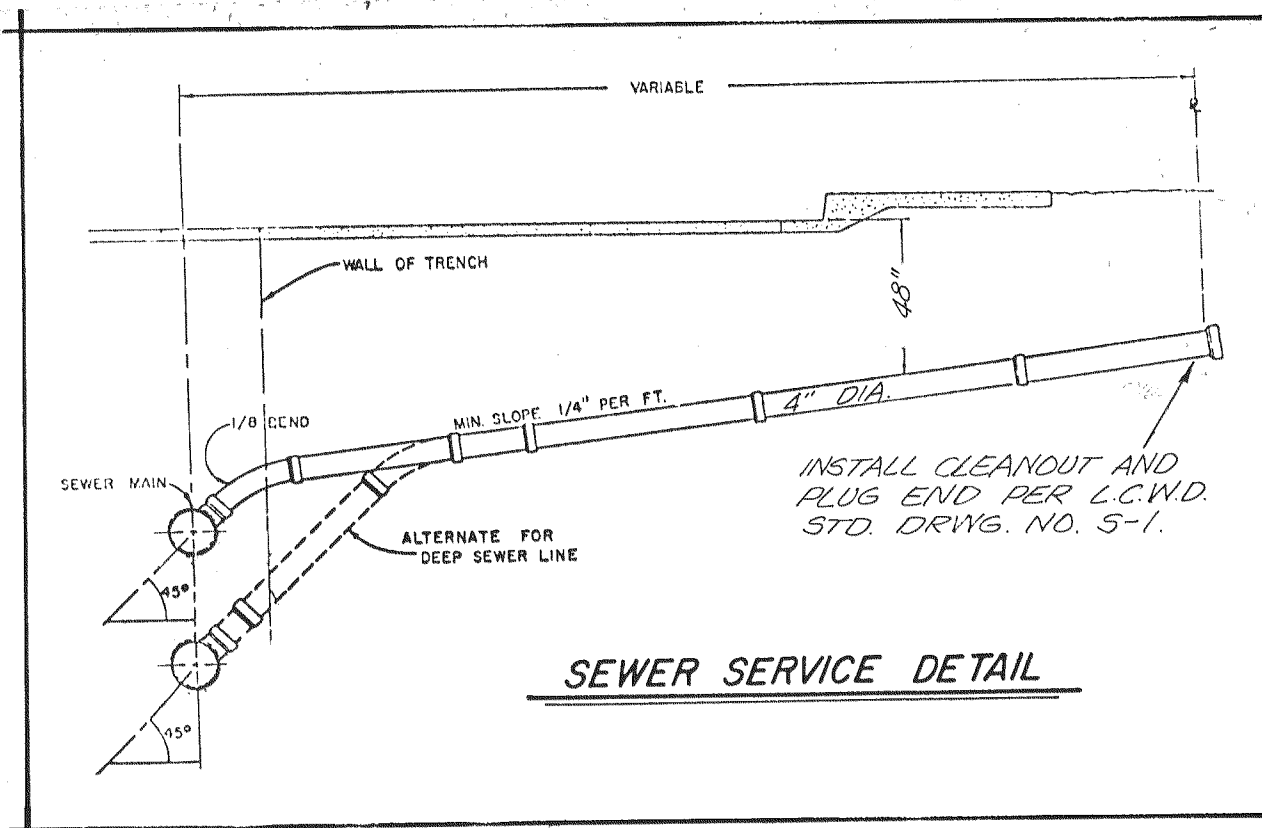
- SANITARY SEWER NOTES:**
- 1) ALL SANITARY SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATHROP COUNTY WATER DISTRICT SPECIFICATIONS AND STANDARD DRAWINGS.
 - 2) THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
 - 3) THE CONTRACTOR SHALL PROVIDE SHORING, BRACING, SLOPING OR PROVISIONS TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF FIVE FEET OR MORE. SAID PROTECTION TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS, AND STATE REGULATIONS.
 - 4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY MARKING INSTALLED LOCATIONS OF SERVICE LATERALS, WITH STAMPED "S" DIRECTLY OVER LATERAL AT BACK OF SIDEWALK.
 - 5) ALL SERVICE LATERALS SHALL BE EXTENDED PAST PROPERTY LINE WITH CLEANOUT INSTALLED AND END PLUGGED.
 - 6) CONTRACTOR TO BE RESPONSIBLE FOR ALL TESTING OF SEWER FACILITIES INCLUDING CLOSED CIRCUIT T.V. OF ALL LINES AND AIR TEST. CONTRACTOR TO FURNISH DISTRICT WITH VIDEO TAPE.
 - 7) ADDITIONAL NOTES REGARDING INSTALLATION OF UNDERGROUND FACILITIES ARE SHOWN ON SHEET 1 OF THESE PLANS.
 - 8) ALL VALVES, MANHOLE RIMS AND LAMPHOLES TO BE ADJUSTED TO FINISH GRADE AFTER STREET PAVING. COST FOR RAISING FACILITIES TO BE INCLUDED IN UNIT PRICES FOR MANHOLES, VALVES AND LAMPHOLES.
 - 9) SANITARY SEWER PIPE BEDDING, HAUCHING, AND INITIAL BACKFILL SHALL CONFORM TO LATHROP COUNTY WATER DISTRICT STANDARD DRAWING NO. S-3.

SANITARY SEWER MATERIALS:

EXTRA STRENGTH VERIFIED CLAY PIPE
PER A.S.T.M., C-700 WITH COMPRESSION JOINTS CONFORMING TO A.S.T.M., C-425.

POLYVINYL CHLORIDE GRAVITY SEWER:
MEETING A.S.T.M. D-3034 S.D.R. 35, WITH A CELL CLASSIFICATION OF 12454-B OR 12454-C OR 13364-B AS DEFINED IN A.S.T.M. D-1784.

DUCTILE IRON SEWER:
DUCTILE IRON SEWER PIPE SHALL COMPLY WITH A.S.T.M. A-21.6 (A.W.W.A. C-106) FOR PIPE CAST IN METAL MOLDS OR A.N.S.I. A-21.8 (A.W.W.A. C-108) FOR PIPE CAST IN SAND LINED MOLD, AND SHALL COMPLY WITH A.N.S.I. A-21.51 (A.W.W.A. C-151)
WHEN DUCTILE IRON PIPE IS SPECIFIED, AN ALTERNATIVE OF CLASS 200 P.V.C. C-900 PIPE MAY BE USED.



NOTE: TRENCH BACKFILL SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. A-7, AND THE LATHROP COUNTY WATER DISTRICT STANDARD NO. S-3.
MANHOLES SHALL CONFORM TO LATHROP COUNTY WATER DISTRICT STANDARD NO. S-1.

REVISIONS: YUMA LN CHANGED TO MARCI LN 7/5/88 C.J.T.

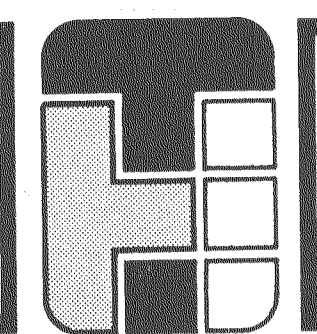
RECORD DRAWING
BY: NIP DATE: 4-2-89

APPROVED BY THE LATHROP COUNTY WATER DISTRICT.
BY: Roy Castiel DATE: 5/25/88

APPROVED BY THE SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS.
BY: _____ DATE: _____

SEWER PLAN

TUMBLEWEED PARK
LATHROP, CALIFORNIA



THOMPSON-HYSELL ENGINEERS
1016 12TH STREET, MODESTO, CA. 95354 (209) 521-8986

APPROVED BY: Stanley Thompson
R.C.C. 32260 EXP. 12-31-88
SCALE: 1" = 50' OR BY: M.P.
JOB NO. 506 CK. BY: S.E.
DISK: H.D. DATE: 2-5-88

SHEET NUMBER
3
OF **12**

SU-2030



MASONRY WALL NOTE:

CONTRACTOR TO PROVIDE THE DESIGN AND OBTAIN THE NECESSARY PERMITS FROM THE COUNTY BUILDING DEPARTMENT.

NOTE:

REVISED AND AS-GRADED GRADING PLAN SHALL BE SUBMITTED TO THE SAN JOAQUIN COUNTY BUILDING DEPARTMENT PER U.B.C., APPENDIX, SECTION 7014 (C).

NOTE:

- 1) ALL COMPACTION REPORTS SHALL BE SUBMITTED FOR ALL FOUNDATIONS NOT CONFORMING TO U.B.C., SECTION 2907.
- 2) SUBDIVISION GRADING SHALL CONFORM TO THE ENGINEERED GRADING REQUIREMENTS IN U.B.C., SECTION 7014 (C)

NOTE:

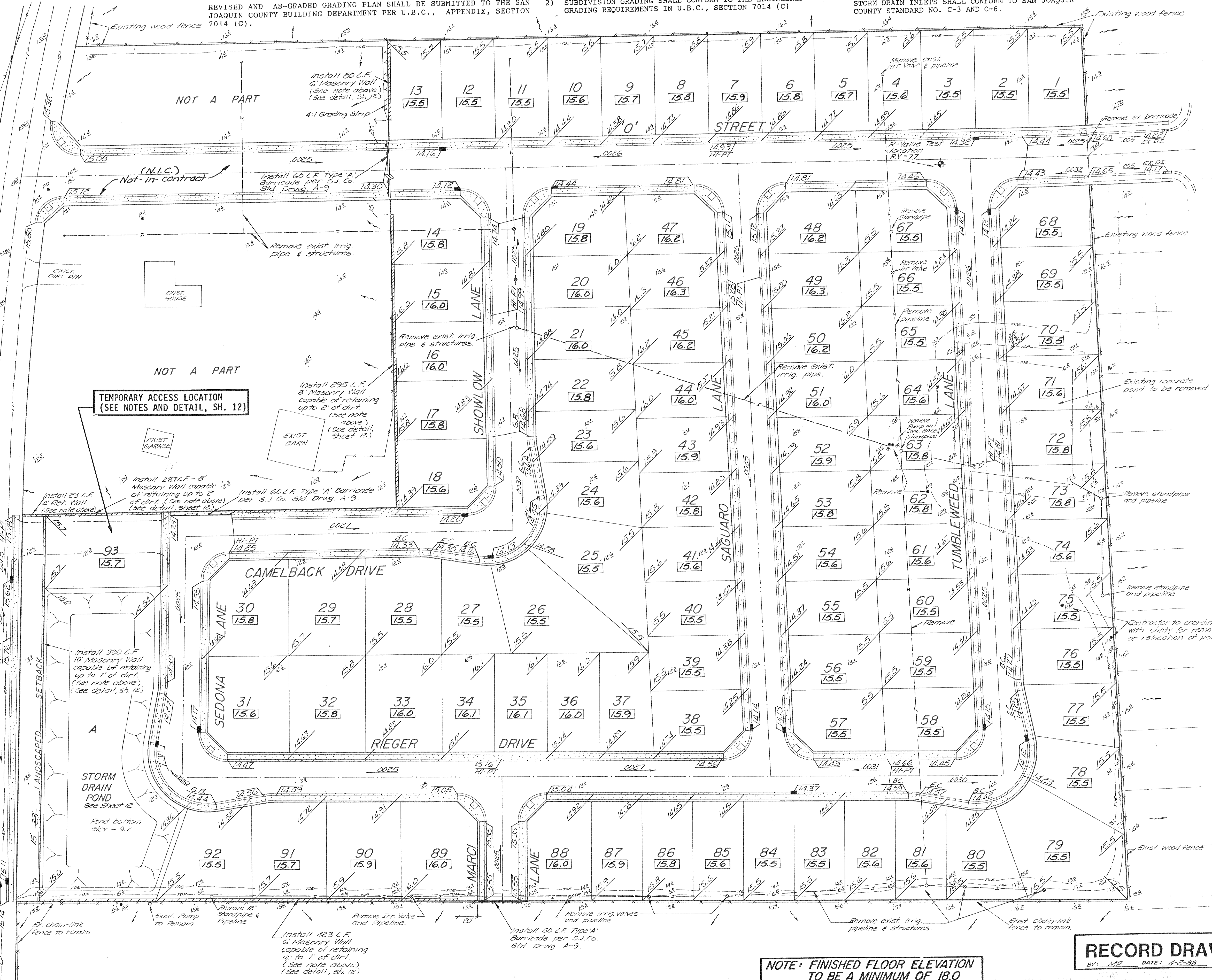
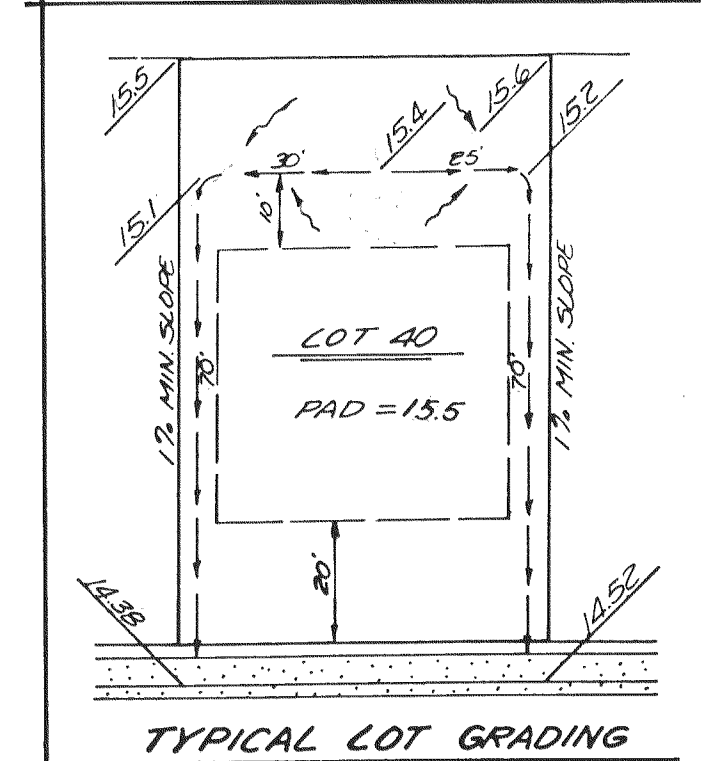
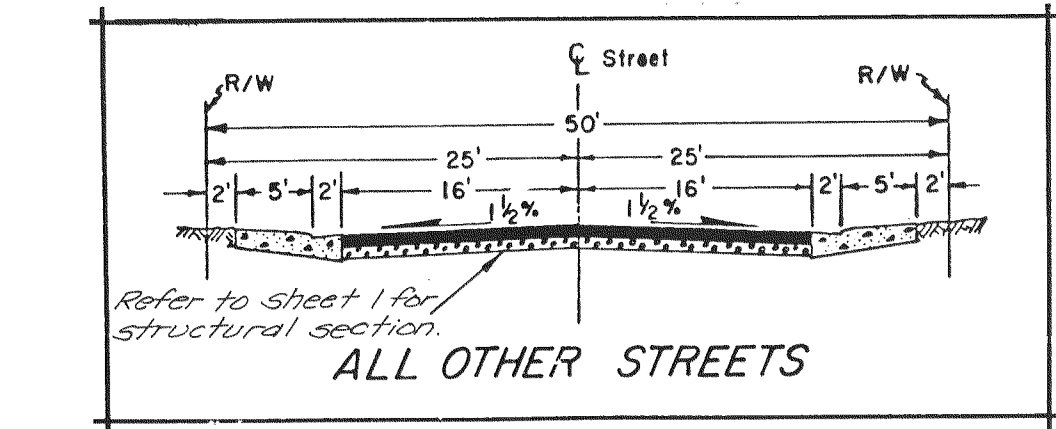
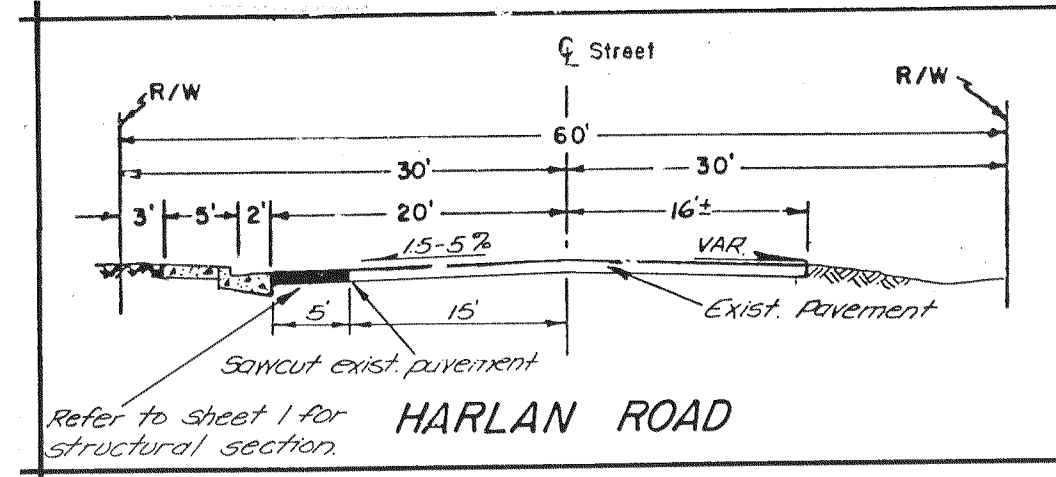
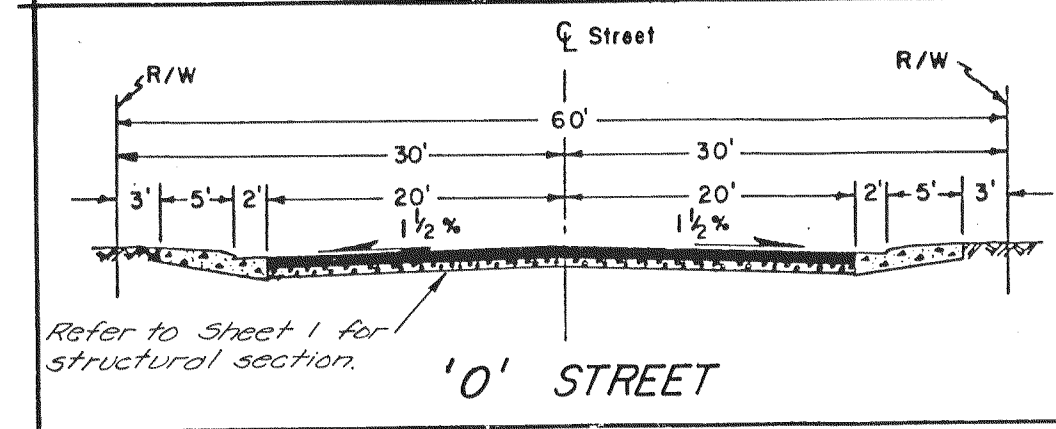
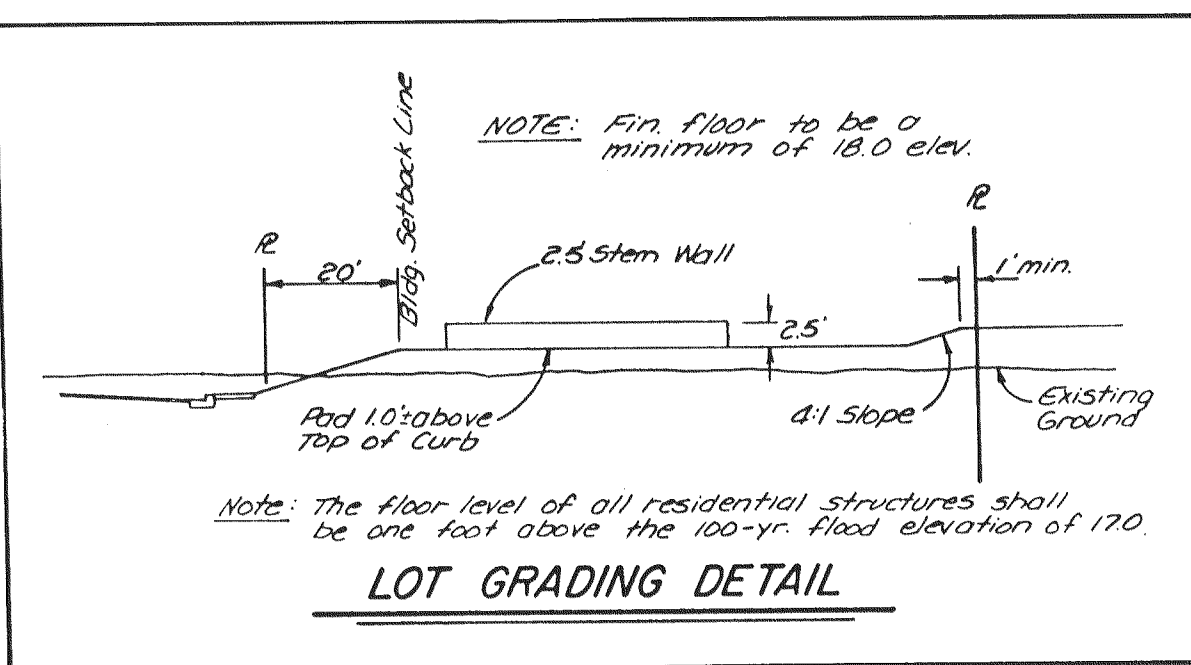
CURB, GUTTER AND SIDEWALK SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. B-4, AND B-5.

HANDICAP RAMPS SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. B-7.

STORM DRAIN INLETS SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. C-3 AND C-6.

GRADING NOTES:

- 1) EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE COUNTY OF SAN JOAQUIN, F.H.A. STANDARDS, AND THE SOILS REPORT BY J.H. KLEINFELDER & ASSOCIATES. VEGETATION AND DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE SITE.
- 2) ALL INDEPENDENT LABORATORY INSPECTION AND TESTING REQUIRED BY THE COUNTY SHALL BE PAID FOR BY THE CONTRACTOR.
- 3) APPROPRIATE DUST CONTROL SHALL BE PROVIDED TO MINIMIZE ANY DUST NUISANCE, IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF SAN JOAQUIN COUNTY.
- 4) IF IMPORT IS REQUIRED, IMPORT TO BE FREE OF ALL VEGETATION AND DELETERIOUS MATERIALS, AND SHALL BE APPROVED BY THE SOILS ENGINEER. LOTS TO BE GRADED TO ELEVATIONS AS STAKED BY THE ENGINEER, OR AS DIRECTED BY THE ENGINEER. ANY CHANGES IN PROPOSED MUST BE COORDINATED WITH THE ENGINEER PROMPTLY. THERE WILL BE NO EXTRA COSTS DUE TO THE CONTRACTOR BECAUSE OF THESE ADJUSTMENTS.
- 5) ALL EXISTING WELLS AND SEPTIC TANKS SHALL BE REMOVED AND/OR ABANDONED PER THE REQUIREMENTS OF THE SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT, AND UNDER PERMIT AND INSPECTION OF THE SAN JOAQUIN LOCAL HEALTH DISTRICT. THIS WORK SHALL BE INCLUDED AS A PART OF THE CLEARING COST.



NOTE: FINISHED FLOOR ELEVATION TO BE A MINIMUM OF 18.0

RECORD DRAWING
BY: MP DATE: 4-2-88

REVISIONS: YUMA LN CHANGED TO MARCI LN 4/2/88 C

APPROVED BY THE SAN JOAQUIN COUNTY BUILDING DEPARTMENT.

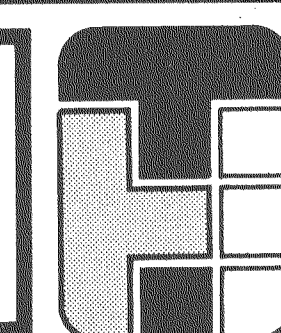
BY _____ DATE _____

APPROVED BY THE SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS.

BY _____ DATE _____

GRADING & DRAINAGE PLAN

TUMBLEWEED PARK
LATHROP, CALIFORNIA



THOMPSON-HYSELL ENGINEERS

1016 12TH STREET, MODESTO, CA. 95354 (209) 521-8986

APPROVED BY: *Stanley Thompson*
R.C.E. 32260 EXP 12-31-88
SCALE: 1" = 50' DR. BY: M.P.
JOB NO. 506 CK. BY: S.E.
DISK: H.D. DATE: 2-5-88

SHEET NUMBER
2 OF 12

GENERAL NOTES:

1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THIS PROJECT.

2) ALL IMPROVEMENTS TO BE DONE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS; SAN JOAQUIN COUNTY BUILDING DEPARTMENT; THE LATEST EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS; AND THE LATEST EDITION OF THE DISTRICT STANDARDS.

3) IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES AND AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATIONS. IF THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.

4) BUILDING PADS: CONTRACTOR TO PROVIDE COMPACTED PADS FOR BUILDINGS GRADED TO THE ELEVATIONS SHOWN ON THE GRADING PLAN.

5) ALL COMPACTION TESTS TO BE PAID FOR BY THE CONTRACTOR.

6) THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCEMENT OF WORK. HE SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION, AND SHALL NOTIFY UTILITIES TWENTY-FOUR HOURS IN ADVANCE OF ANY CONSTRUCTION. (UNDERGROUND SERVICE ALERT - (800) 642-2444).

7) CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE REMOVAL AND/OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.

8) DUST CONTROL: APPROPRIATE DUST CONTROL SHALL BE PROVIDED FOR THE ALLEVIATION OR PREVENTION OF DUST NUISANCE AT THE CONTRACTOR'S EXPENSE.

9) THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT AUTHORIZATION FROM THE ENGINEER.

10) THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY.

11) CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL AND SAN JOAQUIN COUNTY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

12) THE CONTRACTOR SHALL PROVIDE SHORING, BRACING, SLOPING OR PROVISIONS TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF FIVE FEET OR MORE. SAID PROTECTION TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SAN JOAQUIN COUNTY, DEPT. OF PUBLIC WORKS, AND STATE REGULATIONS.

13) NECESSARY ENCROACHMENT PERMITS SHALL BE OBTAINED FROM THE COUNTY OF SAN JOAQUIN, BEFORE BEGINNING OF WORK.

14) ALL TRENCHES ON EXISTING MAJOR AND COLLECTOR STREETS AND CROSS TRENCHES ON ALL EXISTING STREETS SHALL BE PAVED WITH TEMPORARY PAVING THE SAME DAY THE PAVEMENT CUT IS MADE.

15) CONSTRUCTION STAKING FOR CURB, GUTTER, SIDEWALK, SANITARY SEWER, AND STORM DRAIN SHALL BE DONE BY THOMPSON-HYSELL ENGINEERS. THE CONTRACTOR SHALL NOTIFY CIVIL ENGINEER 48 HOURS IN ADVANCE OF HIS NEED FOR STAKING.

16) THE CONTRACTOR SHALL STAMP THE LETTER "S" AND "W" DIRECTLY ABOVE THE SEWER AND WATER LATERAL LOCATIONS, AT THE BACK OF SIDEWALK.

17) DRIVEWAYS ON STREETS WITH 6" VERTICAL CURBS SHALL BE LOCATED BY THOMPSON-HYSELL ENGINEERS IN THE FIELD AT THE TIME OF CONSTRUCTION.

18) CIVIL ENGINEERS SHALL SET THE MONUMENTS.

19) BENCH MARK: CHISELED SQUARE IN TOP OF CURB, GUTTER AND SIDEWALK, NORTH SIDE OF J STREET AT THE NORTH EAST PROPERTY CORNER.
ELEVATION: 15.35

ELEVATION 15.35 - 0.10 = ELEVATION 15.25 L.C.W.D. DATUM
B.M. #27 (U.S.G.S.)

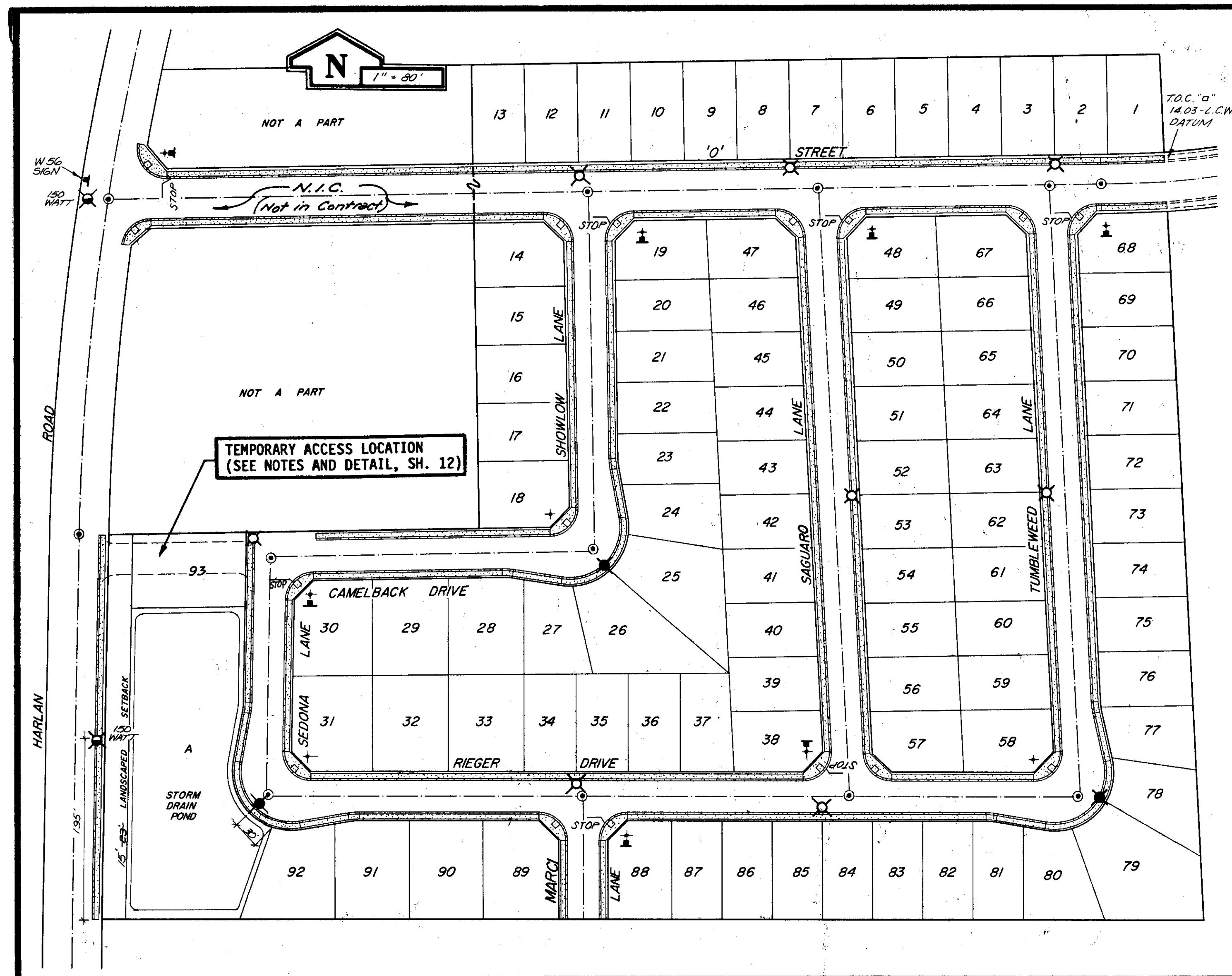
NOTE: MONUMENT BOXES SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. A-8.

STREET SIGNS SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. A-10.

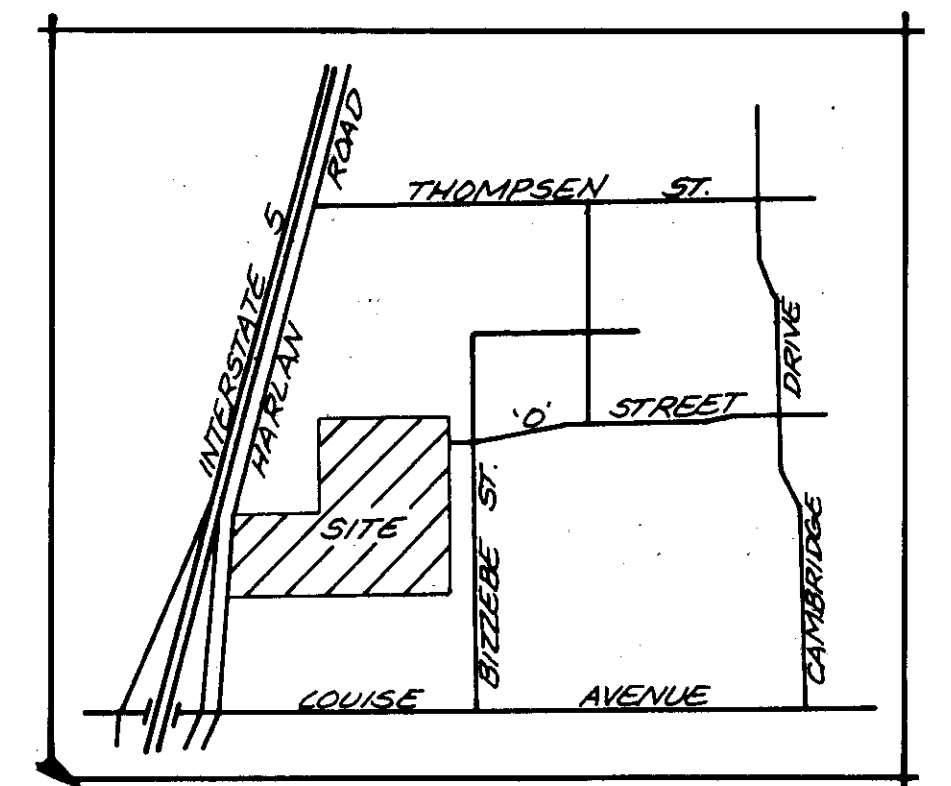
TRAFFIC SIGNS SHALL CONFORM TO SAN JOAQUIN COUNTY STANDARD NO. A-11.

NOTE: ALL TRAFFIC SIGNS AND MARKINGS SHALL CONFORM TO UNIFORM TRAFFIC CONTROLS REQUIREMENTS.

TUMBLEWEED PARK LATHROP, CALIFORNIA



VICINITY MAP



PREPARED FOR:

ATHERTON - KIRK DEVELOPMENT
123 N. SYCAMORE AVENUE
SUITE 201
MANTECA, CALIFORNIA 95336

INDEX:

- | | |
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| 1) ELECTROLIER PLAN | 8) PLAN & PROFILE - CAMELBACK DRIVE - SHOWLOW LANE |
| 2) GRADING PLAN | 9) PLAN & PROFILE - SAGUARDO LANE - SEDONA LANE |
| 3) SANITARY SEWER PLAN | 10) PLAN & PROFILE - TUMBLEWEED LANE - MARCI LANE |
| 4) STORM DRAIN PLAN | 11) PLAN & PROFILE - RIEGER DRIVE |
| 5) WATER PLAN | 12) MISCELLANEOUS DETAILS |
| 6) PLAN & PROFILE - HARLAN ROAD | |
| 7) PLAN & PROFILE - O STREET | |

SHEET	STREET	STATION FROM TO	R.O.W.	CURB	WALK	P.V.M.T.	T.I.	R.V.	AC	SECTION	REQ	GE
6	HARLAN RD.	4+39 12+31	60'	VERT.	4'	5'	8.0	77	3 1/2"	NATIVE	0.59	0.59
7	'O' ST.	0+00 10+75	60'	D.O.	4'	40'	6.0	77	2 1/2"	NATIVE	0.44	0.48
8	CAMELBACK DR.	0+00 3+30	50'	D.O.	4'	32'	4.0	77	2"	NATIVE	0.29	0.42
	SHOWLOW LN.	0+00 3+65	50'	D.O.	4'	32'	4.0	77	2"	NATIVE	0.29	0.42
9	SAGUARDO LN.	0+00 6+18	50'	D.O.	4'	32'	4.0	77	2"	NATIVE	0.29	0.42
	SEDONA LN.	0+00 2+43	50'	D.O.	4'	32'	4.0	77	2"	NATIVE	0.29	0.42
10	TUMBLEWEED LN.	0+00 6+22	50'	D.O.	4'	32'	4.0	77	2"	NATIVE	0.29	0.42
	MARCI LN.	0+00 1+25	50'	D.O.	4'	32'	4.0	77	2"	NATIVE	0.29	0.42
11	RIEGER DR.	0+00 8+28	50'	D.O.	4'	32'	4.0	77	2 1/2"	NATIVE	0.29	0.42

NOTE: AT THE TIME OF ACCEPTANCE OF IMPROVEMENTS, THE FOLLOWING STREETS ARE TO BE DECLARED THRU ROADS:

- O STREET AT THE INTERSECTION OF SHOWLOW LANE.
- O STREET AT THE INTERSECTION OF SAGUARDO LANE.
- O STREET AT THE INTERSECTION OF TUMBLEWEED LANE.
- RIEGER DRIVE AT THE INTERSECTION OF MARCI LANE.
- RIEGER DRIVE AT THE INTERSECTION OF SAGUARDO LANE.

LEGEND:

- | | | | |
|--|---|--|--|
| | CURB, GUTTER AND SIDEWALK | | WATER LINE |
| | HANDICAP RAMP (AS NOTED) | | WATER VALVE |
| | CATCH BASIN | | FIRE HYDRANT |
| | DIRECTION OF FLOW AND SLOPE | | WATER SERVICE |
| | TOP OF CURB ELEVATION | | IRRIGATION LINE |
| | PAD ELEVATION | | 100 WATT H.P.S. ELECTROLIER |
| | FINISHED BACK OF LOT AND LOT LINE TOP OF CURB ELEVATION | | 150 WATT H.P.S. ELECTROLIER |
| | EXISTING GROUND ELEVATION | | 100 WATT H.P.S. ELECTROLIER |
| | STORM DRAIN LINE | | EXISTING ELECTROLIER |
| | MANHOLE | | SURVEY MONUMENT & MONUMENT WELL |
| | SEWER LINE | | STOP SIGN |
| | SEWER SERVICE | | STREET NAME SIGN |
| | UTILITY POLE | | ELECTROLIER POWER SOURCE AND CONDUIT RUN |

- | | |
|------------------|---|
| STORM | - SAN JOAQUIN COUNTY SERVICE AREA #4 (ZONE A) |
| SEWER | - LATHROP COUNTY WATER DISTRICT |
| WATER | - LATHROP COUNTY WATER DISTRICT |
| TELEPHONE | - CONTEL, PACIFIC BELL |
| GAS | - P G & E |
| ELECTRIC | - P G & E |
| CABLE | - CONTINENTAL T.V. |

RECORD DRAWING

BY: MP DATE: 4-2-88



REVISIONS: MUMA LN CHANGED TO MARCI LN 7/5/88 EJT

San Joaquin Local Health District
James R Miller 5-31-88

APPROVED BY THE SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS.

BY: *Sherry M. Tivata* DATE: 6/4/88

ELECTROLIER PLAN

TUMBLEWEED PARK
LATHROP, CALIFORNIA

THOMPSON-HYSELL ENGINEERS

1016 12TH STREET, MODESTO, CA. 95354 (209) 521-8986

APPROVED BY: *Stanley Thompson*
RCE 32260 EXPIRES 12-31-88
SCALE: 1" = 80' DR. BY: TD
JOB NO. 506 CK. BY: SE
DISK: 40 DATE: 2-5-88

SHEET NUMBER
1 OF 12