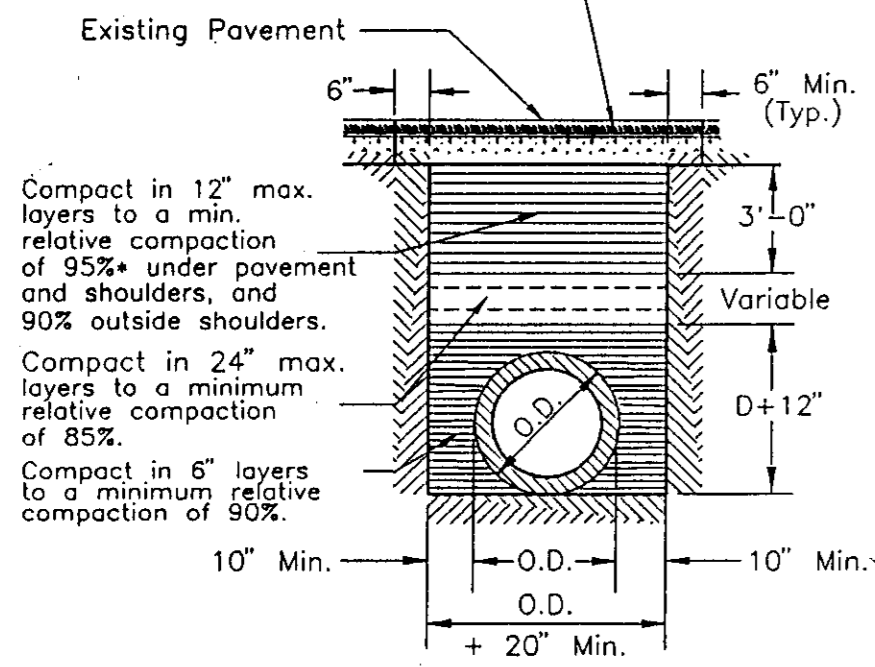


Backfill with materials equal to or better than the existing pavement and base in quality. New pavement shall be 1" thicker than existing pavement, minimum of 0.25 feet. New base shall be 1" thicker than existing base, minimum of 0.5 feet.



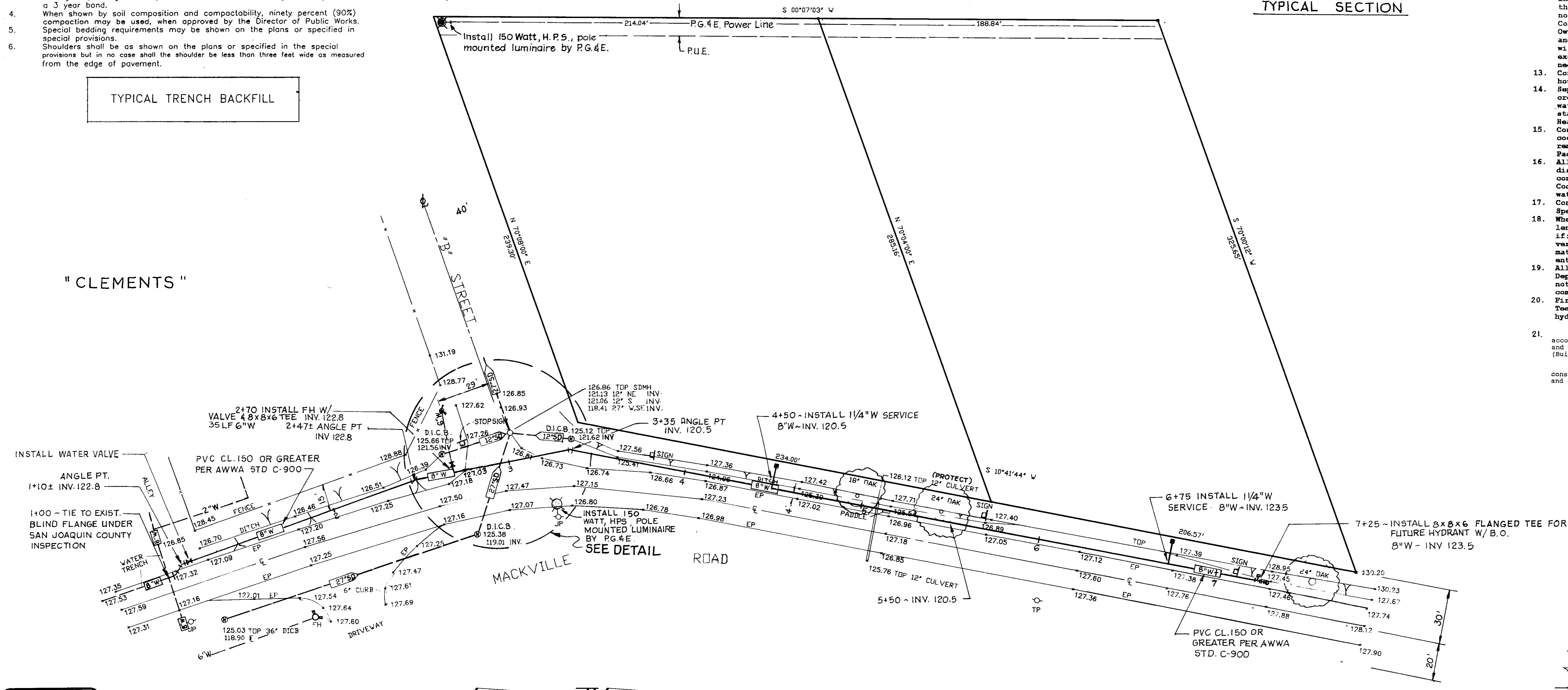
FLEXIBLE CONDUIT

NOTES:

- 1. Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 215 or 231.
2. All existing pavement shall be neatly cut to line prior to trench excavation. Jetting or ponding will be permitted within the street Right of Way with a 3 year bond.
3. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works. Special bedding requirements may be shown on the plans or specified in special provisions.
4. Shoulders shall be as shown on the plans or specified in the special provisions but in no case shall the shoulder be less than three feet wide as measured from the edge of pavement.

TYPICAL TRENCH BACKFILL

" CLEMENTS "



CONSTRUCTION NOTES:

- 1. San Joaquin County Standard Drawings W-1, W-2, W-4, W-5, W-7 and W-8 are hereby made a part of these plans.
2. Existing ditches and grades shall be reshaped and graded to flow to existing catch basins.
3. Major roots of two oak trees near 5+00 shall be protected with hand digging as necessary.
4. Place blue reflector, one (1) foot off center line of street towards hydrant, indicating fire hydrant location. See San Joaquin County Standard Drawing W-2 Contractor to maintain two-way traffic on Mackville Road at all times.
5. All work shall conform to these plans and any special provisions for this project and San Joaquin County Construction Specifications and Standard Plan.
6. Contractor shall receive an approved set of plans and specifications prior to beginning construction.
7. Baumbach & Piazza (Engineer) shall set all survey controls and construction stakes necessary for completion of work. The Contractor shall be responsible for the preservation of all survey and construction stakes. Survey and construction stakes that are lost or destroyed due to Contractor's negligence will be set by the Engineer at the Contractor's expense.
8. The existing underground utilities were plotted during the course of construction of this project, including safety for all persons and property; that this requirement shall apply continuously and not be limited to normal working hours and that Contractor shall defend, indemnify, and hold the Owner, County and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the Owner or the Engineer.
9. Contractor shall give Engineer a minimum of 48 hours notification prior to staking any utilities.
10. Separation of water and sewer mains (including crossings) and sewer laterals crossing over water mains shall meet or exceed the latest standards of the State of California Department of Health Services.
11. Contractor shall be responsible for notifying and coordinating all work with any agency requiring removal or relocation of utilities, such as Pacific Bell, P. G. & E., etc. U.S.A. (800) 642-2444.
12. All off-site water lines shall be pressure tested, disinfected, flushed and tested for bacteria in conformance with the San Joaquin County Health Code Requirements prior to connecting to existing water lines.
13. Contractor shall visit site prior to bidding. Specifications are a separate document.
14. Where water crosses SD or SS use an 18-20 ft. length of CL 200 pipe, centered over the SS or SD if: a) The water is under the SS or SD. b) The vertical clearance is less than 1 foot. No materials resulting from tapping procedures may enter District Water.
15. All work will be required to be inspected by the Department of Public Works. They shall be notified not less than 24 hours in advance of commencement of work.
16. Fire hydrant bid shall include the following: Tee, 6" Lateral, 6" Valve and complete fire hydrant assembly.
17. Construction area traffic control devices shall be in accordance with the current Manual of Traffic Controls (Caltrans) and supplemented by the current Work Area Traffic Control Handbook (Building News). Include cost in other items of work.
18. Through public traffic shall be permitted to pass through construction operations at all times with as little inconvenience and delay as possible.

TYPICAL SECTION

DETAIL NOT TO SCALE

LEGEND

- +127.47 EXISTING GROUND ELEVATION
CL CENTERLINE
EP EXISTING EDGE OF PAVEMENT
18" OAK EXISTING TREE
FH JOINT POLE
FH FIRE HYDRANT AND WATER VALVE
DIRECTION OF SLOPE OF DITCH
12" SD STORM DRAIN LINE
O STORM DRAIN MANHOLE
D.I.C.B. DROP INLET CATCH BASIN
INV. INVERT
8" W WATER LINE
W WATER VALVE



936.HP0.DWG

SU-2838

Table with columns for NO., DATE, REVISIONS, BY, DESIGN, DRAWN BY, APPROVED, COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS, DIRECTOR OF PUBLIC WORKS, DATE, EXPIRATION DATE, BAUMBACH & PIAZZA CIVIL ENGINEERS SURVEYORS, 323 W. ELM ST. LODI, CALIF. 93240 PH: 209-368-6616, CLEMENTS WATER SYSTEM EXTENSION OF PHASE I MACKVILLE ROAD, SHEET 1 OF 1, JOB NO. 9361, FILE NO. G-1084