EP·07·283-1

MAYERS ROAD IMPROVEMENT PLANS

SCHMIERER PROPERTY

ACAMPO, CALIFORNIA

AUGUST, 2007

PA-07-44

Grading Notes:

1. Earthwork shall be performed in accordance with the San Joaquin County Standards.
2. The Contractor shall review site prior to bidding. All vegetation and deleterious materials shall be removed from the site at the expense of the Contractor and shall be included in the lump sum clearing cost.
3. The Contractor shall preserve all stakes and points set for lines, grades or measurement of the work in their proper places until authorized to remove them by the Engineer. All expenses incurred in replacing stakes that have been removed without proper authority shall be paid for by the General Contractor.

General Notes:

1. All improvements shall be constructed in strict accordance with the following: San Joaquin County Standard Specifications, and all amendments to date, California Department of Transportation Standard Specifications (CalTrans) (Latest Edition), where applicable. All work shall be under the inspection of the respective entity.
2. 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 and 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.
3. Construction staking for grading shall be done under the direction of Baumbach and Piazza, Inc.. The Contractor shall notify the Engineer seventy-two (72) hours in advance of his need for staking. Any staking requested by the Contractor or his sub-contractors that is above and beyond normal standard staking needs will be subject to an extra back charge to the Contractor.
4. The Contractor shall exercise due caution and shall carefully preserve bench marks, reference points and all survey stakes, and shall bear all expense for replacement and/or errors caused by their unnecessary loss or disturbance.
5. The Contractor shall be held responsible for any field changes made without written authorization from the County Engineer.
6. The Contractor shall provide all lights, signs, barricades, flagman or other devices necessary for public safety in accordance with the current issue of "Manual of Traffic Controls, Warning Signs, Lights and Devices for use in Performance of Work upon Highway" published by the State of California Business and Transportation Agency.
7. The Contractor shall attend a pre-construction meeting with the San Joaquin County Public Works prior to issuance of an encroachment permit and/ or a San Joaquin County grading and erosion control permit.
8. The County of San Joaquin or associated utility company and residences to be affected shall be notified immediately upon any utility service disruption other than specified on these improvement plans and a 24 hour notice shall be given for any planned disruption.
9. The Contractor shall obtain an encroachment permit from San Joaquin County, Department of Public Works or any other applicable agencies prior to commencement of work within existing County Right-of-Way. The Contractor shall be responsible for all permits and licenses required for the construction and completion of the project.
10. Street signs, traffic control signs, and pavement markings shall be provided and installed by the Contractor at locations established by the Engineer.
11. Asphalt concrete shall be placed only when the atmospheric temperature is above 50°F.
12. Contractor is responsible for coordination of the removal or relocation of all existing utilities with respective utility companies.
13. Prior to commencing any work, it shall be the Contractor's responsibility to have each utility company locate, in the field, their main and service lines. The Contractor shall notify members of the underground service alert (U.S.A.) 48 hours in advance or performing any excavation work by calling the toll-free number (800) 227-2600. The Contractor shall record the U.S.A. order number and furnish order number to Owner prior to any excavation. It shall be the Contractor's sole responsibility to protect all existing utilities so that no damage results to them during the performance of this contract. Any repairs necessary to damaged utilities shall be paid for by the Contractor. The Contractor shall be required to cooperate with other contractors and utility companies installing new structures, utilities and service to the development.
14. The Contractor shall be responsible for protecting existing improvements from damage. Cost of replacing existing improvements shall be included in the unit price bid for items requiring removal and replacement of existing improvements.
15. Whenever pavement is broken or cut in the installation of the work covered by these specifications, the pavement shall be replaced, after proper backfilling, with pavement materials equal to or better than the materials used in the original paving. The finished pavement shall be subject to the approval of the County Engineer, or CalTrans, where applicable.
16. Payment for pavement will be made only for areas shown on the plans. Replacement of pavement which is broken or cut during the installation of the work covered by these specifications, and which lies outside of said areas, shall be indicated in the Contractor's unit price for pavement, and no additional payment shall be made for such work.
17. Appropriate dust control shall be provided, at the Contractor's expense to minimize any dust nuisance and shall be in accordance with Section 10 of CalTrans Standard Specifications and the requirements of San Joaquin County.
18. The Contractor shall submit to the Engineer, prior to final acceptance, As-Built Drawings of all improvements represented by the project plans and specifications.

Applicable San Joaquin County Standards

3-4 Guarantee – The completed project, including all work, materials, devices and equipment, shall be guaranteed by the Developer against faulty workmanship and materials for a period of one year after final acceptance by the Director of Public Works. The Developer shall be responsible for all repair and/or replacements including all labor, materials, equipment, devices, plant and other items of work necessary. To secure this guarantee, a Bond or other security shall be provided in the amount of 20% of the value of work estimated by the Engineer. Said Bond shall continue in full force and effect for a period of one year from the date of the formal acceptance of the work by the Director of Public Works or Board of Supervisors.

3-5 Inspection During Construction – Any improvements constructed to these Specifications and which it is intended that the County will assume maintenance responsibility, must be inspected during construction by an authorized agent of the Developer and Director. Each phase of construction must be inspected and approved prior to proceeding to the subsequent phases.

Any improvements constructed without inspection as provided above or constructed contrary to the orders or instructions of the authorized agent of the Developer and Director will be deemed as not complying with San Joaquin County Standards and Specifications, and will not be accepted by San Joaquin County for maintenance purposes.

The Developer will have compaction tests taken on all lots where the depth of fill is greater than seven (7") inches and within the streets. Re-tests that are the result of the Contractor's failure to compact these areas as required will be borne by the Contractor.

The County Department of Public Works will perform field inspection for this project.

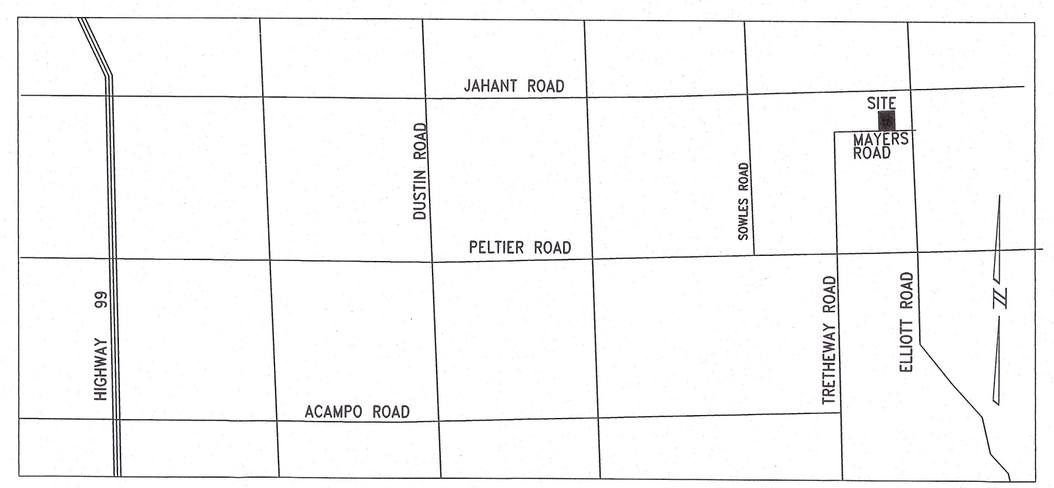
The Civil Engineer, Director and Developer, or their agents, shall at all times, have access to the work during its construction, and shall be furnished with every reasonable facility for ascertaining that the materials and the workmanship are in accordance with the requirements and intentions of these specifications, special provisions, and plans. All work done and all materials furnished shall be subject to review. The review of the work or materials shall not relieve the Contractor and Developer of any of their obligations to fulfill their Contract as prescribed.

3-6 Final Review – Upon completion of any improvements which are constructed under and in conformance with these Standards and Specifications, and prior to requesting final inspection, the area shall be thoroughly cleaned of all rubbish, excess material and equipment; and all portions of the work shall be left in a neat and orderly condition, satisfactory to the Director and the Developer.

Within ten (10) days after receiving the request for final inspection, the Director shall inspect work. The Developer, or his authorized representative, will be notified in writing as to any particular defects or deficiencies to be remedied. The Contractor shall proceed to correct any such defects or deficiencies at the earliest possible date. At such time, as the work has been completed, a second inspection shall be made by the Director to determine if the previously mentioned defects or deficiencies at the earliest possible date. At such time, as the Director to determine if the previously mentioned defects have been repaired, altered and completed in accordance with these Standards and Specifications.

When the work has been completed in accordance with the approved Plans and Specifications, the Director will recommend acceptance of the work to the Board of Supervisors. The Director will notify, in writing, the Developer, or his authorized representative, as to the date of approval and final acceptance.

3-8 Changes On Plans And Specifications – Any changes to the approved Improvement Plans and Specifications must be prepared and certified by the Civil Engineer, and shall be submitted to the Director for approval prior to implementation.



VICINITY MAP

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

ENCROACHMENT PERMIT NO.: _____ DATE ISSUED: _____ BY: _____

LEGEND

+ 10.06 G	EXISTING GROUND ELEVATION
+9.59 EP	EXISTING EDGE OF PAVEMENT ELEVATION
+9.91 FOG	EXISTING FOGLINE & ELEVATION
+9.14 TC	EXISTING TOP OF CURB ELEVATION
+8.68 FL	EXISTING GUTTER OR DITCH FLOWLINE ELEVATION
+8.80 LIP	EXISTING LIP OF GUTTER ELEVATION
+9.91 BOW	EXISTING BACK OF WALK ELEVATION
+9.59 P	EXISTING PAVEMENT ELEVATION
+9.55 CONC.	EXISTING CONCRETE ELEVATION
EX8"SS	EXISTING SEWER LINE
EX12"SD	EXISTING STORM DRAIN LINE
EX10"W	EXISTING WATER MAIN
INV.1.67	EX. PIPE INVERT ELEVATION
TELE	EXISTING UNDERGROUND TELEPHONE CABLES
E	EXISTING UNDERGROUND ELECTRIC LINES
OE	EXISTING OVERHEAD ELECTRIC LINES
CICB	EX. CURB INLET CATCH BASIN
SDMH	EX. STORM DRAIN MANHOLE
SSMH	EX. SANITARY SEWER MANHOLE
FL	FLOW LINE
PP	EX. POWER POLE
	TRAFFIC SIGN
	EX. WATER VALVE
FH	EX. FIRE HYDRANT
SL	EX. STREET LIGHT
P	PAVEMENT
PUE	PUBLIC UTILITY EASEMENT
C/L	CENTERLINE
R/W	RIGHT-OF-WAY
EP	EXISTING EDGE OF PAVEMENT
PL	PROPERTY LINE
EX. & EXIST	EXISTING
WS	WATER SERVICE

TOPOGRAPHY NOTE:

UNDERGROUND UTILITIES ARE PLOTTED FROM VISUAL OBSERVATIONS AND AVAILABLE RECORDS. LOCATIONS SHOWN FOR UTILITIES ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY U.S.A. FOR FIELD LOCATION OF UTILITIES 48 HRS. MIN. PRIOR TO ANY CONSTRUCTION OR DEMOLITION.

SHEET INDEX

CS TITLE SHEET, LEGEND, NOTES, SPECIFICATIONS
C-1 GRADING AND DRAINAGE PLAN

REGISTERED PROFESSIONAL ENGINEER JOSHUA COOK ELSON No. C58912 Exp. 06/30/09 CIVIL STATE OF CALIFORNIA

8/22/07

INDEMNITY CLAUSE

The Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold harmless, the County of San Joaquin, its elected officials, officers, employees, and agents, the Owner and the project engineer from any and all claims of litigation, damages and attorney's fees for personal or property damage of whatever nature which are claimed to have occurred during the term of this project.

CONSTRUCTION STAKING LIABILITY WAIVER

These Improvement Plans have been prepared with the intent that the firm of Baumbach & Piazza, Inc. will be performing the construction staking for the complete project. If, however, another engineering and/or surveying firm should be employed to use these plans for the purpose of construction staking, notice is hereby given that the firm of Baumbach & Piazza, Inc. will not assume any responsibility for errrors or omissions if any, which might occur and which could have been avoided, corrected or mitigated if Baumbach & Piazza, Inc. had performed the staking work, or if Baumbach & Piazza, Inc. had been contacted prior to staking regarding any questions of ambiguity in the plans, interpretation of the plans, or engineering inconsistencies contained in these plans.

NO.	REVISIONS	DATE	BY

DRAWN WEG DESIGN WEG

APPROVED BY _____ _____

RCE NO. DATE

PREPARED IN THE OFFICE OF:
BAUMBACH & PIAZZA, INC.
CIVIL ENGINEERS
323 WEST ELM STREET
LODI, CALIFORNIA 95240
DESIGNED UNDER THE SUPERVISION OF:
_____ RCE _____

MAYERS ROAD
ROADWAY IMPROVEMENTS

SHEET CS OF
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FILE NO.

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