EP-07-126-1

GENERAL NOTES:

1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH COUNTY OF SAN JOAQUIN STANDARD SPECIFICATION AND PLANS, 1997 EDITION, AND ALL AMENDMENTS THERETO TO DATE. ALL WORK SHALL BE DONE UNDER THE INSPECTION OF THE COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS OR BUILDING DEPARTMENT.
2. ELEVATIONS SHOWN ARE 1929 NGVD DATUM (CITY OF STOCKTON BENCHMARK). BENCHMARK IS AS SHOWN ON SHEET 2.
3. DRAWING NUMBERS SHOWN ON PLAN REFER TO COUNTY OF SAN JOAQUIN STANDARD DETAILS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR, SHALL BE REPLACED AT HIS EXPENSE.
5. CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE COUNTY OF SAN JOAQUIN PUBLIC WORKS DEPARTMENT, AND SHALL NOTIFY COUNTY 24 HOURS IN ADVANCE OF PERFORMING ANY WORK REQUIRED WITHIN THE PUBLIC RIGHT-OF-WAY.
6. WORK IN STREET RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE COUNTY OF SAN JOAQUIN PUBLIC WORKS DEPARTMENT.
7. CONTRACTOR SHALL DEMOLISH, EXCAVATE, REMOVE AND DISPOSE OF ANY EXISTING CONCRETE OR ASPHALT CONCRETE PAVING, CONCRETE CURB, GUTTER AND SIDEWALK AND DELETERIOUS MATERIAL AS REQUIRED TO CONSTRUCT THE CONTRACT WORK. ALL EXCESS MATERIAL GENERATED BY DEMOLITION, EXCAVATION AND GRADING SHALL BE DISPOSED OF BY THE CONTRACTOR.
8. EXCAVATION OF 5' OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
9. THE PRICE BID FOR THIS WORK SHALL INCLUDE THE COST FOR ANY AND ALL PERMITS REQUIRED TO COMPLETE THE PROJECT WORK.
10. EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE OWNER AND THE ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE EXISTING MAIN AND SERVICE LINES.
11. PAYMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON THE PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED IN THESE SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT PRICE OF PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
12. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE 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.
13. WE CALL YOUR ATTENTION TO: SECTION 1540(a)(1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS, BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES: "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS; I.E. SEWER, WATER, FUEL, ELECTRIC LINES, ETC. WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION".
14. PRIOR TO FINAL INSPECTION CONTRACTOR SHALL SUBMIT AS-BUILT INFORMATION FOR ANY CHANGES TO WONG ENGINEERS, INC.
15. DUST CONTROL SHALL BE PERFORMED AT ALL TIMES, 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. THE CONTRACTOR SHALL OBTAIN A PERMIT OR PERMISSION FROM THE CALIFORNIA WATER SERVICE COMPANY FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT OR APPROVAL SHALL BE APPROVED BY THE FIRE DEPARTMENT.
16. A TRAFFIC CONTROL PLAN (TCP) SHALL BE SUBMITTED TO AND DEEMED ACCEPTABLE BY COUNTY PRIOR TO START OF WORK. THIS SHALL ADDRESS ALL PHASES OF WORK, WHICH WILL IMPACT PUBLIC TRAFFIC. CONFORMANCE WITH THE TCP SHALL BE MAINTAINED AT ALL TIMES.
17. ALL TRAFFIC SIGNS AND MARKINGS SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SAN JOAQUIN COUNTY STANDARDS" AND AS SHOWN ON THE PLANS.

CONSTRUCTION STAKING:

1. CONSTRUCTION STAKING IS NORMALLY PERFORMED BY THE ENGINEER WHO PREPARED THE PLAN. THIS PERMITS APPROPRIATE ON-SITE INTERPRETATION AND ADJUSTMENT OF THE PLANS, IF NECESSARY. THIS NOTE GIVES FORMAL NOTICE THAT THE FIRM OF WONG ENGINEERS, INC., CANNOT AND WILL NOT, TAKE RESPONSIBILITY FOR ERRORS OR OMISSIONS, IF ANY, WHICH MIGHT OCCUR AND WHICH COULD HAVE BEEN AVOIDED OR DETECTED AND/OR CORRECTED AND MITIGATED HAD WONG ENGINEERS, INC., PERFORMED THE CONSTRUCTION STAKING WORK.
2. ALL REFERENCES TO CONTRACTOR SHALL MEAN CONTRACTOR FOR SITEWORK SHOWN ON THESE CIVIL PLANS ONLY.
3. IF WONG ENGINEERS, INC. IS RETAINED TO DO THE CONSTRUCTION STAKING, WONG ENGINEERS, INC. WILL SET ALL STAKES AND PROVIDE CUT SHEETS FOR THIS PROJECT. IT IS EXPECTED THAT ONE SET OF STAKES WILL BE SUFFICIENT FOR EACH PHASE OF THE PROJECT. CARE SHOULD BE TAKEN TO PROTECT STAKES. THE COST OF STAKING IS BORNE BY THE DEVELOPER. THE CONTRACTOR SHALL REQUEST STAKES FROM WONG ENGINEERS, INC. WHEN HE IS READY TO USE THEM AND SHALL BE RESPONSIBLE FOR THEIR PRESERVATION FOR HIS FUTURE USE. SAID REQUEST MUST BE MADE AT LEAST 72 HOURS PRIOR TO THE TIME THE STAKES WILL BE REQUIRED. SHOULD THE WORK NEED TO BE RESTAKED, FOR THE CONTRACTOR'S USE, THE CONTRACTOR SHALL BE RESPONSIBLE TO WONG ENGINEERS, INC. FOR THE COST OF RESTAKING. SHOULD THE CONTRACTOR DESTROY STAKES WHICH ARE NEEDED FOR IMPROVEMENTS OTHER THAN HIS OWN, HE SHALL ALSO BE RESPONSIBLE FOR THE COST OF RESTAKING TO RETURN THE JOB TO ITS ORIGINAL CONDITION.

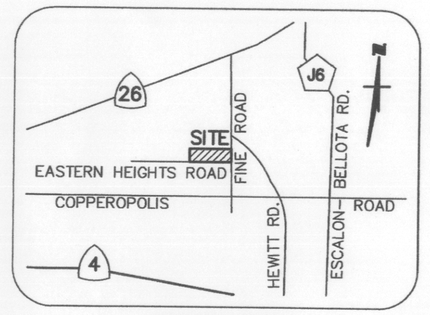
SEE TECHNICAL SPECIFICATIONS FOR AGGREGATE BASE AND ASPHALT CONCRETE

LEGEND

TO BE CONST.	DESCRIPTION	EXISTING
	MONUMENT FRAME & COVER	
D.I.P.	DUCTILE IRON PIPE	
	CENTERLINE	
EP	EDGE OF PAVEMENT	
	CURB, GUTTER & SIDEWALK WITH HANDICAP RAMP	
	AGGREGATE BASE	
	SURVEY MONUMENT	
	DRIVEWAY	
	FENCE	
100 WATT	ELECTROLIER	
PP	UTILITY POLE	PP
T	TELEPHONE CABLE	T
TV	CABLE TELEVISION	TV
8" W	WATER LINE	8" W
W	WATER VALVE	W
	WATER BLOWOFF	
FH	FIRE HYDRANT	
	WATER SERVICE	
W	WATER METER	W
12"S	SEWER LINE	12"S
	SANITARY MAINTENANCE HOLE	
	SANITARY MAIN CLEAN OUT	
	SEWER LATERAL	
24"D	STORM DRAIN LINE	24"D
	STORM MAINTENANCE HOLE	
	CURB INLET OR CATCH BASIN	
G	GAS LINE	G
G	GAS VALVE	G
19.8	PAD GRADE	
	STRIPING	

ABBREVIATIONS

A.C.	ASPHALTIC CONCRETE
A.B.	AGGREGATE BASE
C.B.	CATCH BASIN
C.L.	CENTER LINE
CONST.	CONSTRUCT
C.O.S.	CITY OF STOCKTON
(N)	NORTH
(S)	SOUTH
(E)	EAST
(W)	WEST
F.L.	FLOW LINE
F.H.	FIRE HYDRANT
INV.	INVERT
SDMH	STORM DRAIN MAINTENANCE HOLE
S.P.N.	STANDARD PLAN NUMBER
SSMH	SANITARY SEWER MAINTENANCE HOLE
TC	TOP OF CURB
(TYP.)	TYPICAL
TBM	TEMPORARY BENCHMARK
BM	BENCHMARK
D.I.P.	DUCTILE IRON PIPE
R.O.W.	RIGHT-OF-WAY
N.T.S.	NOT TO SCALE



VICINITY MAP
NOT TO SCALE

IMPROVEMENT PLANS FOR
FINE ROAD

WONG ENGINEERS INC.
CONSULTING CIVIL ENGINEERS
STOCKTON, CALIFORNIA

SHEET INDEX:

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	STREET IMPROVEMENT & STRIPING PLAN

GRADING NOTES:

1. LUMP SUM BID FOR GRADING AND LAND STABILIZATION SHALL INCLUDE EXCAVATION AND FILL OF PAVED AREAS WITHIN THE SITE AND ANY EXCESS EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR.
2. EARTHWORK: THE CONTRACTOR SHALL EXCAVATE, FILL AND GRADE THE PROJECT SITE IN ORDER THAT SITE IMPROVEMENTS CAN BE CONSTRUCTED TO THE GRADES AND SLOPES SHOWN ON THESE PLANS. ALTHOUGH NO ATTEMPT HAS BEEN MADE TO BALANCE EARTH CUT AND FILL QUANTITIES, DUE TO THE APPROXIMATIONS OF EXISTING GRADES AND OTHER CONDITIONS NOT PRECISELY KNOWN THE ENGINEER DOES NOT GUARANTEE THAT SUCH CUT AND FILL QUANTITIES WILL BALANCE. AS EARTH WORK OPERATIONS PROGRESS, MINOR ADJUSTMENTS IN GRADES MAY BE MADE IN ORDER TO BRING THE CUT AND FILL QUANTITIES MORE IN BALANCE, BUT SUCH CHANGES CAN ONLY BE MADE AFTER APPROVAL OF THE OWNER AND THE ENGINEER, THE COST OF SUCH ADJUSTMENTS SHALL BE PAID BY THE CONTRACTOR AND NO EXTRA PAYMENT WILL BE ALLOWED. ANY SURPLUS EARTH MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE. ANY ADDITIONAL EARTH MATERIAL NEEDED TO COMPLETE THE ONSITE GRADING SHALL BE PROVIDED AND PAID FOR BY THE CONTRACTOR. ANY FILL PLACED SHALL BE PROPERLY COMPACTED AS REQUIRED BY THE PLANS AND THESE SPECIFICATIONS:
   A. EARTH FILL TO ESTABLISH PAVED AREA SUBGRADE SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90% EXCEPT THAT THE AREA WITHIN 6" BELOW SUBGRADE SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%
   B. EARTH FILL TO ESTABLISH FINISHED GRADE OUTSIDE THE PAVED AREAS SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 80%
   C. FILL AND COMPACTION IN THE BUILDING AREA SHALL BE IN ACCORDANCE WITH THE UNIFORM BUILDING CODE.

   CONTRACTOR TO PERFORM COMPACTION TESTS TO CONFORM TO SECTION 2(A-C)
3. ALL GRADING SHALL COMPLY WITH 1997 U.B.C. CHAPTER 18 AND APPENDIX CHAPTER 33.
4. NO SLOPE SHALL BE STEEPER THAT 2 HORIZONTAL TO 1 VERTICAL.
5. REFER TO GEOTECHNICAL INVESTIGATION REPORT BY KLEINFELDER (FILE NO. 20-3470-01) TO DETERMINE LOT GRADING, SITE PREPARATION AND FOUNDATION RECOMMENDATION.

UNAUTHORIZED CHANGES AND USES:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

REGISTERED PROFESSIONAL ENGINEER
ZACHARY C. WONG
NO. 48717
EXPIRES: 9-30-2008
CIVIL
STATE OF CALIFORNIA

800-227-2600
CALL BEFORE YOU DIG
USA
UNDERGROUND SERVICE ALERT
48 HOURS PRIOR TO WORK OPERATIONS

REFER TO MINOR SUBDIVISION APPLICATION NO. PA-0500638

DWG PATH: Z:\3522\DRAWINGS\OFF-SITE IMPROVEMENT\3RD SUBMIT.4-13-07\TITLE SHEET.01.dwg
PLOTTED: 04-13-07

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS
APPROVED: [signature] 4-19-07
SIGNATURE DATE
ENCROACHMENT PERMIT NO: EP-07-126NE DATE ISSUED: 5/11/07 BY: TN

REVISIONS			
NO.	DESCRIPTION	DATE	BY

WONG ENGINEERS, INC.
PLANNING ENGINEERING SURVEYING
4578 FEATHER RIVER DRIVE, SUITE A
STOCKTON, CALIFORNIA
(209)476-0011
[signature] DATE 4/13/07 R.C.E. 48,717

JOB NO.:	3522
DATE:	APRIL 2007
SCALE:	AS SHOWN
DRAWN:	EW/AA/JK
DESIGN:	WE
CHECKED:	ZCW

FINE EASTERN HEIGHTS ROAD — SAN JOAQUIN COUNTY, CALIFORNIA

TITLE SHEET

SHEET 1 OF TWO
FILE