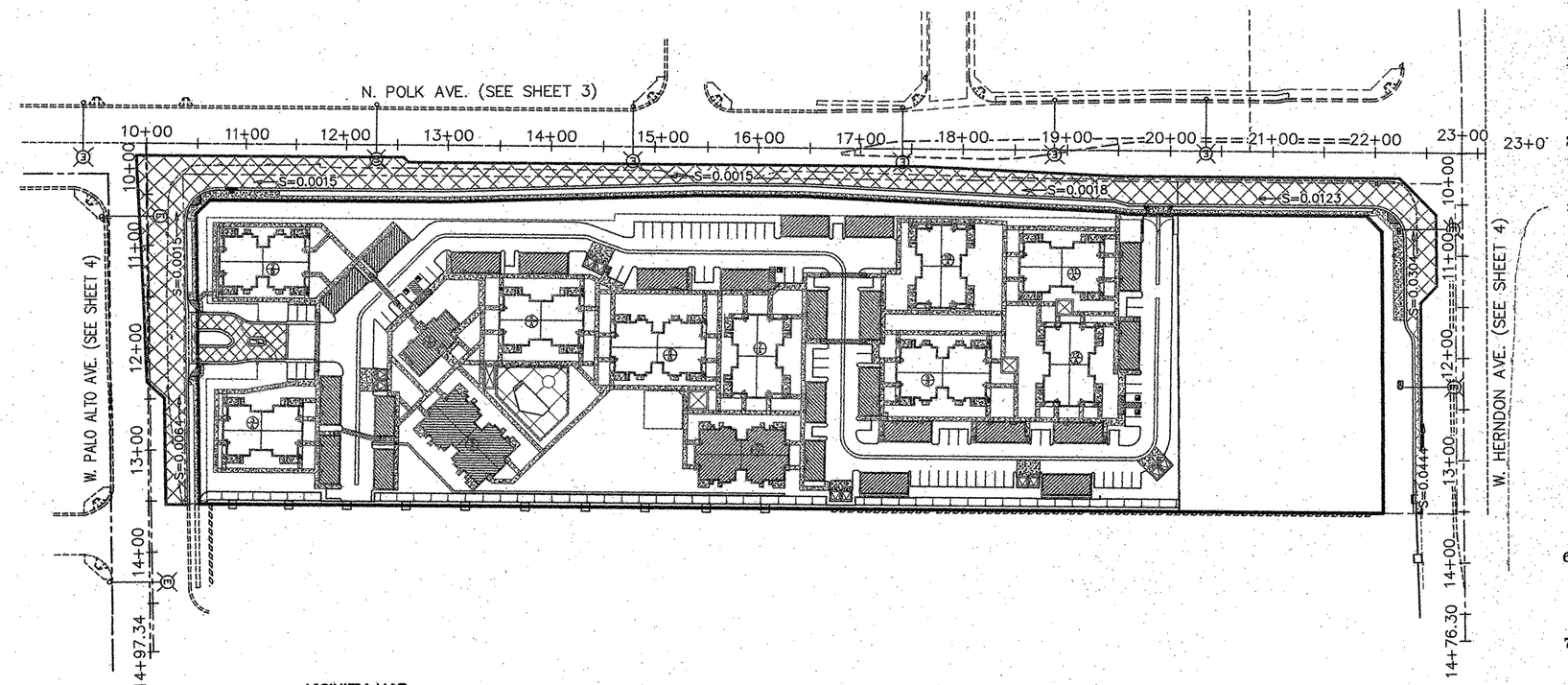
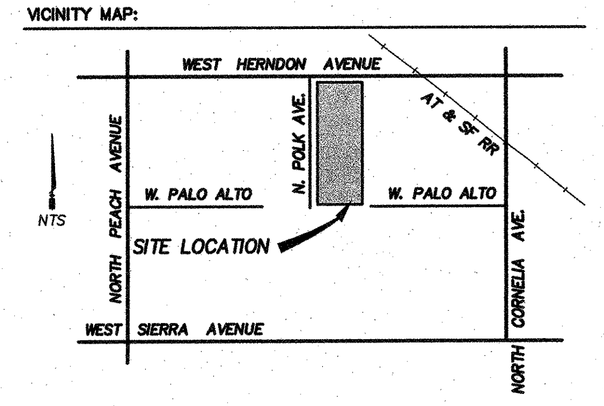
STREET IMPROVEMENT PLANS



VICINITY MAP:



PROJECT SITE

SCALE=1"=100'

PREPARED FOR:

ASHWOOD CONSTRUCTION
5755 E. KINGS CANYON AVE.
SUITE # 110
FRESNO, CA 93727
PH. (559) 253-7240

PREPARED BY:

YAMABE & HORN ENGINEERING, INC.
1300 EAST SHAW AVE., SUITE 176
FRESNO, CA 93710
(559)244-3123 - FAX (559)244-3120

GENERAL NOTES:

1. THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLES CITY OF FRESNO STANDARD SPECIFICATIONS, 2002 EDITION, INSOFAR AS THE SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATIONS

2. THE SANITARY SEWER SYSTEM AND HOUSE CONNECTIONS TOGETHER WITH WATER MAIN, GAS MAINS AND THEIR RESPECTIVE SERVICE CONNECTIONS SHALL BE COMPLETED IN THE STREET BEFORE INSTALLATION OF THE STREET SURFACING.

3. INSTALL SIDEWALKS, CURB AND GUTTERS AS PER CITY OF FRESNO DRAWINGS P-5 AND P-9, AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE.

4. PERMITS MUST BE OBTAINED AND FEES PAID IN ACCORDANCE WITH ORDINANCES OF THE CITY OF FRESNO.

5. ALL STREETS SHALL BE SURFACED IN ACCORDANCE WITH PLAN AND THE FOLLOWING SPECIFICATIONS:
   - (A) 6-INCH SUB-GRADE AND FILL IN EXCESS OF 6 INCHES WILL BE COMPACTED IN ACCORDANCE WITH THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, SECTION 19 OF STANDARD SPECIFICATIONS, JULY 1999.
   - (B) AGGREGATE BASE SHALL CONFORM TO AND BE PLACED IN ACCORDANCE WITH SECTION 15 OF THE CITY STANDARD SPECIFICATIONS, USING CLASS 2 AGGREGATE BASE. AGGREGATE SUB-BASE SHALL UTILIZE CLASS 3 AGGREGATE SUB-BASE MATERIAL (MINIMUM 50 R-VALUE), TO 95% RELATIVE COMPACTION.
   - (C) PAINT BINDER WILL BE AS SPECIFIED BY THE CITY ENGINEER AND SHALL CONFORM TO AND BE APPLIED IN ACCORDANCE WITH SECTION 13 OF THE CITY STANDARD SPECIFICATIONS.
   - (D) ASPHALT CONCRETE SURFACING SHALL BE TYPE B USING AR 4000 PENETRATION ASPHALT, CONFORMING TO AND PLACED IN ACCORDANCE WITH SECTION 13 OF THE CITY STANDARD SPECIFICATIONS.

6. (A) ALL BOUNDARY STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS PLAN.
   (B) THE TRANSITION BETWEEN THE EDGE AND THE END OF THE REQUIRED STREET SURFACING AND THE EXISTING SURFACING OR GROUND SHALL NOT HAVE A SLOPE GREATER THAN 5%.

7. ANY CONCRETE WORK TO BE CONSTRUCTED SHALL CONFORM TO THE CITY OF FRESNO STANDARDS ADOPTED BY RESOLUTION NO. 70-36, AS REVISED.

8. TRAFFIC REQUIREMENTS:
   - (A) ALL SIGNING, DETOURING AND BARRICADING SHALL CONFORM TO THE CALIFORNIA SUPPLEMENT TO THE MANUAL OF TRAFFIC CONTROL DEVICES DATED MAY 20, 2004, ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
   - (B) ALL SIGNS SHALL BE RETROREFLECTIVE PURSUANT TO CHAPTER 24.08 OF THE 2003 MUTCD.
   - (C) HIGH LEVEL WARNING DEVICES SHALL BE USED ON ALL APPROACHES TO THE CONSTRUCTION AREA.
   - (D) SPECIAL ATTENTION IS CALLED TO SECTION 7-10.1 THROUGH 10.3 OF THE CITY STANDARD SPECIFICATIONS.
   - (E) ONE TWELVE-FOOT DRIVING LANE MUST BE MAINTAINED IN EACH DIRECTION AT ALL TIMES.
   - (F) NO PUBLIC STREET SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER.
   - (G) STREET WORK PERMITS ISSUED TO ALLOW WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE REVOKED IF THE ABOVE REQUIREMENTS OF SUBPARAGRAPHS "A" THROUGH "G" ARE NOT STRINGENTLY COMPLIED WITH BY THE DEVELOPER'S FORCES DURING OFF-SITE STREET IMPROVEMENT CONSTRUCTION OPERATIONS. REVOKED PERMITS SHALL NOT BE REISSUED UNTIL SUCH TIME AS THE PUBLIC WORKS DIRECTOR IS SATISFIED THAT THE DEVELOPER'S CONTRACTORS WILL PERFORM THEIR OPERATIONS IN COMPLIANCE WITH THE ABOVE REQUIREMENTS, INCLUDING THE CONDITIONS OF STREET WORK PERMIT.

9. EXISTING PAVEMENT SHALL NOT BE REMOVED UNTIL SUCH TIME AS ALL UTILITIES ARE COMPLETE AND PAVING CONTRACTOR IS READY TO REPAIR WITHIN 5 DAYS.

11. ALL SEWER AND STORM DRAIN MANHOLES AFFECTED BY THIS PROJECT SHALL BE ADJUSTED TO GRADE AS NECESSARY AND INCLUDED IN THIS WORK.

12. ALL EXISTING WATER MAIN VALVES (SLEEVE AND LID) SHALL BE ADJUSTED TO GRADE BY CITY FORCES, PLEASE CALL 621-5360. NEW CONSTRUCTION SLEEVES AND LIDS BY CONTRACTOR.

13. THE DEVELOPER SHALL OBTAIN WRITTEN AUTHORIZATION FROM ANY ADJACENT PROPERTY OWNER GIVING HIM PERMISSION TO ENTER HIS PROPERTY FOR THE PURPOSES OF CONSTRUCTING THE IMPROVEMENTS DELINEATED ON THESE PLANS AND TRANSITION THEREBTO. THE DEVELOPER SHALL PROVIDE THE CITY WITH A COPY PRIOR TO THE START OF WORK.

14. THE CITY SHALL PAY FOR ALL INITIAL COMPACTION TESTS AND THE CONTRACTOR SHALL PAY FOR ANY REQUIRED RETESTING.

15. THE DEVELOPER SHALL OBTAIN WRITTEN POLE IDENTIFICATION NUMBERS FROM THE CITY T.S. & L.S. DIVISION AND INSTALL NUMBERS IN ACCORDANCE WITH PW STD. E-23.

16. TWO WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.), CALL TOLL FREE AT 1-800-642-2444.

17. ALL EXISTING OVERHEAD UTILITIES SHALL BE PLACED UNDERGROUND AS PER RESOLUTIONS 78-522 AND 88-229.

18. AS FIRST ORDER OF WORK, THE CONTRACTOR SHALL POTHOLE AND VERIFY EXISTING FLOW LINES AT POINTS OF CONNECTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

19. AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK TO BE PERFORMED IN THE COUNTY OF FRESNO ROAD RIGHT OF WAY AND STATE RIGHT OF WAY. CONTACT THE COUNTY PERMIT ENGINEER AT (559)262-4107 TO OBTAIN THE ENCROACHMENT PERMIT. CONTACT CALTRANS PERMITS OFFICE AT (559) 488-4058 TO OBTAIN ENCROACHMENT PERMIT. IF AN ENCROACHMENT PERMIT HAS NOT BEEN OBTAINED WITHIN 12 MONTHS OF THE APPROVAL DATE OF THESE PLANS, ADDITIONAL REVIEW AND REVISION TO THE PLANS MAY BE REQUIRED BEFORE THE PERMIT IS ISSUED.

20. DEVELOPER TO FURNISH AND INSTALL LOCAL STREET NAMES AT EACH INTERSECTION WITHIN THE SUBDIVISION PER CITY OF FRESNO STANDARD DRAWING P-92.

21. ALL STORM DRAINAGE FACILITIES ARE TO BE CONSTRUCTED PRIOR TO COMPLETION OF STREET WORK IN ACCORDANCE WITH FRESNO METROPOLITAN FLOOD CONTROL DISTRICT STANDARD SPECIFICATIONS AND STANDARD PLANS, NOVEMBER 17, 1975, EDITION.

22. AT LEAST 48 HOURS PRIOR TO START THE CONSTRUCTION OF STORM DRAINAGE FACILITIES, THE CONTRACTOR IS TO NOTIFY F.M.F.C.D. FIELD INSPECTOR, JERRY ISLER (559) 456-3292.

23. THE CITY OF FRESNO INSPECTOR WILL HAVE THE PRELIMINARY INSPECTION RESPONSIBILITY AND WILL CONDUCT THE DAY TO DAY INSPECTION. THE DISTRICT WILL ALSO CONDUCT INSPECTIONS FROM TIME TO TIME ON AN IRREGULAR BASIS. THE CONTRACTOR SHALL NOTIFY THE CITY OF FRESNO CONSTRUCTION MANAGEMENT DEPARTMENT AT (559) 621-5500 AND THE DISTRICT CONSTRUCTION MANAGER, JERRY ISLER, AT (559) 456-3292 TWO WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

BENCHMARK:

CITY BENCH MARK: 887

BRASS CAP ON ISLAND TIP, NORTH SIDE OF HERNDON, CENTERLINE SPRUCE (POLK SOUTH)

ELEVATION = 309.797 U.S.G.S.

LEGEND:

	EXISTING CURB AND GUTTER
	PROPOSED CURB AND GUTTER
	EXIST. EDGE OF PAVEMENT
	PROPOSED CONCRETE
	PROPOSED A.C. PAVEMENT
285.87	PROPOSED ELEVATION
+285.87	EXISTING ELEVATION
	EXISTING STREET LIGHTS
	INSTALL STREET LIGHT PER CITY STD. DWG. E-1, E-8 & E-10
BC	BEGINNING OF CURVE
PRC	POINT OF REVERSE CURVE
EC	END OF CURVE
G	GUTTER
GB	GRADE BREAK
AC	ASPHALT CONCRETE
OG	EXISTING GRADE
EP	EDGE OF PAVEMENT
TC	TOP OF CURB
FL	FLOW LINE
	PROPOSED STORM DRAIN INLET
	EXISTING STORM DRAIN INLET
(285.87) (285.87)	FUTURE ELEVATION

SHEET INDEX

SHEET No.	DESCRIPTION
1	COVER SHEET
2	DETAILS
3	NORTH POLK AVENUE
4	WEST HERNDON AVENUE WEST PALO ALTO AVENUE
5	STRIPING PLAN (N. POLK AVE.)
6	STRIPING PLAN (W. PALO ALTO AVE.) STRIPING PLAN (W. HERNDON AVE.)

INSPECTION FEE $ _____
(C.M. No.) $ _____

PLAN REVIEW FEE: $ _____
Submittal Fee $ 500.00
(C.M. No.)

AMOUNT DUE: $ _____
(C.M. No.)

APPROVED BY:

CITY OF FRESNO - TRAFFIC ENGINEERING — DATE

FMFCD CONTRACT EG-32 — C.U.P. 2005-48

FRESNO METROPOLITAN FLOOD CONTROL DISTRICT — DATE

PLAN CHECK ONLY — ENGINEER — DATE

EG-32-1

STREET INFRASTRUCTURE DATA	ARTERIAL	COLLECTOR	LOCAL
LINEAL FT. CONSTRUCTED	–	–	
THICKNESS OF PAVING	–	–	
SQUARE YARDS OF PAVING	–	–	
SQUARE YARDS OF OVERLAY	–	–	–
NUMBER OF STREET LIGHTS	–	–	–

ACCT. No. _____
FILE No. _____
REF. & REV.
REV. 1:

CITY OF FRESNO — Department of Public Works

PLANS AND SPECIFICATIONS FOR THE DEVELOPMENT OF STREETS FOR ASHWOOD PROPERTY

CONST. ENG. _____ OFFICE ENG. _____
CITY ENG. _____
DR. BY: BR
CH. BY: _____
DATE: _____
SCALE AS NOTED

SHEET No. 1 OF 6 SHEETS

C-05-048

12/14/06...04183CST.DWG