EP 07-56e-2

GENERAL NOTES

1. ALL NEW IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS, AND THE LATEST EDITION OF SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS AND PLANS, AND THE 2006 STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (WITH EXCEPTION THAT ENGLISH UNITS ARE TO BE USED IN PLACE OF METRIC).
2. THE INTENT IS THAT THESE PLANS REQUIRE ALL LABOR AND MATERIALS (EXCEPT AS SPECIFIED IN THE SPECIFICATIONS) 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 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. THE TYPES, LOCATION, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED BY THE DESIGN ENGINEER FROM "OUTSIDE SOURCES," BELIEVED TO BE RELIABLE. HOWEVER, THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. KJELDSEN, SINNOCK & NEUDECK ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE 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 UTILITY COMPANIES TWENTY-FOUR HOURS IN ADVANCE OF ANY CONSTRUCTION (UNDERGROUND SERVICE ALERT 1-800-227-2600).
5. THE CONTRACTOR'S ATTENTION IS DIRECTED 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 INSTALLATION: 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 AN 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.
6. 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 LOCAL, STATE, AND FEDERAL REGULATIONS (CAL-OSHA, OSHA).
7. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE REMOVAL AND/OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
8. FINAL PAVEMENT WORK SHALL NOT OCCUR WITHIN THE ROAD RIGHT-OF-WAY PRIOR TO COMPLETION OF UTILITY RELOCATION WITHOUT SPECIFIC APPROVAL OF THE SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT.
9. ALL TRENCHES AND CROSS TRENCHES WITHIN EXISTING STREETS SHALL BE BACKFILLED AND PAVED WITH TEMPORARY PAVING THE SAME DAY THE PAVEMENT CUT IS MADE OR COVERED WITH STEEL PLATES AS DIRECTED BY SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT.
10. ASBESTOS CEMENT MATERIALS SHALL NOT BE USED IN THE CONSTRUCTION OF ANY FACILITIES WITHIN THIS PROJECT.
11. THE CONTRACTOR SHALL EXPOSE ALL EXISTING SEWERS, STORM DRAINS. AND CLEARANCES OF KNOWN CROSSINGS WITH OTHER UTILITIES BEFORE INSTALLING NEW PIPELINES. IF THE CONTRACTOR DETERMINES THE EXISTING INVERTS ARE NOT IN CONFORMANCE WITH THE PLANS, HE SHALL NOTIFY THE ENGINEER BEFORE PERFORMING ANY WORK.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE AND SURROUNDING AREAS RESULTING FROM OPERATIONS PRIOR TO ACCEPTANCE OF HIS WORK.
14. DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING FACILITIES. THE CONTRACTOR IS RESPONSIBLE TO REPAIR, TO THE SATISFACTION OF SAN JOAQUIN COUNTY, ANY FACILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
15. CONTRACTOR SHALL REFERENCE AND RESTORE ALL "RECORDED" EXISTING MONUMENTS AND/OR PROPERTY CORNER REFERENCES DESTROYED, REMOVED OR DISTURBED DURING THE COURSE OF CONSTRUCTION.
16. WHERE EXISTING FENCES ARE TO BE REMOVED FOR CONSTRUCTION PURPOSES CONTRACTOR SHALL REMOVE AND REPLACE THE FENCING IN KIND. WHERE THE EXISTING FENCE IS USED FOR PROPERTY SECURITY AND/OR CONTAINMENT, CONTRACTOR SHALL ERECT TEMPORARY FENCING (NOT SHOWN ON PLANS) DURING CONSTRUCTION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
17. ALL WORK IN COUNTY RIGHT-OF-WAY SUBJECT TO THE APPROVAL AND ACCEPTANCE OF SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT.
18. CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; 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 FROM ANY AND ALL CLAIMS, COSTS OF LITIGATION, DAMAGES, AND ATTORNEY'S FEES, FOR PERSONAL INJURY OR PROPERTY DAMAGE OF WHATEVER NATURE WHICH ARE CLAIMED TO HAVE OCCURRED DURING THE TERM OF THIS PROJECT.
19. CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION AS PER SECTION 10 OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA AND PER SECTION 10 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS OF SAN JOAQUIN COUNTY.
20. 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 OF PUBLIC WORKS FOR APPROVAL PRIOR TO IMPLEMENTATION.
21. NO VALVE OR OTHER CONTROL ON THE EXISTING WATER SYSTEM SHALL BE OPERATED FOR ANY PURPOSE BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH SAN JOAQUIN COUNTY PUBLIC WORKS TO OPERATE ANY VALVE OR OTHER CONTROL. CONTRACTOR SHALL GIVE A MINIMUM TWENTY FOUR (24) HOURS PRIOR TO THE TIME OF PROPOSED INTERRUPTION. INTERRUPTIONS OF SERVICE SHALL NOT EXCEED FOUR (4) HOURS.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL LAYOUT IMPROVEMENTS FROM THE DIMENSIONS SHOWN ON THE PLANS. ANY CLARIFICATION ON CONFLICTS, DISCREPANCIES OR AMBIGUITIES SHOULD BE DIRECTED TO THE DESIGN ENGINEER PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A TRANSITION IN PAVING, CURBS, GUTTERS. SIDEWALKS, GRADES, ETC., AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
3. EXISTING PAVEMENT SHALL BE SAW-CUT PRIOR TO TRENCH EXCAVATION.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY SIGNS FOR ALL REGULATORY TRAFFIC SIGN REMOVED DURING THE CONSTRUCTION.
5. ALL TRAFFIC DELINEATIONS (SIGNS, STRIPING, RAISED PAVEMENT MARKERS) SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF THE WORK.
6. THE CONTRACTOR SHALL NOTIFY THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS 24 HOURS IN ADVANCE OF PERFORMING ANY WORK REQUIRED IN THE PLANS. PHONE: (209) 468-3000.
7. EXCAVATION OF 5-FEET OR GREATER IN DEPTH REQUIRES AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.

TRENCH NOTES

(T1) TRENCH SHALL BE CONSTRUCTED PER SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS, SECTION 19, ALTERNATE C.

(T2) BACKFILL TRENCH PER SAN JOAQUIN COUNTY STD. DWG. NO. R-29.

(T3) TRENCH RESURFACING PER SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS, SECTION 76.

WATER LINE INSTALLATION NOTES

WATER SERVICE (6") PVC - POLYVINYL CHLORIDE, AWWA C900, CLASS 150, WITH GASKETS CONFORMING TO ASTM D-1869

(W1) ALL FITTINGS SHALL MATCH THE TYPE OF PIPE BEING USED AND CONFORM TO AWWA STANDARDS.

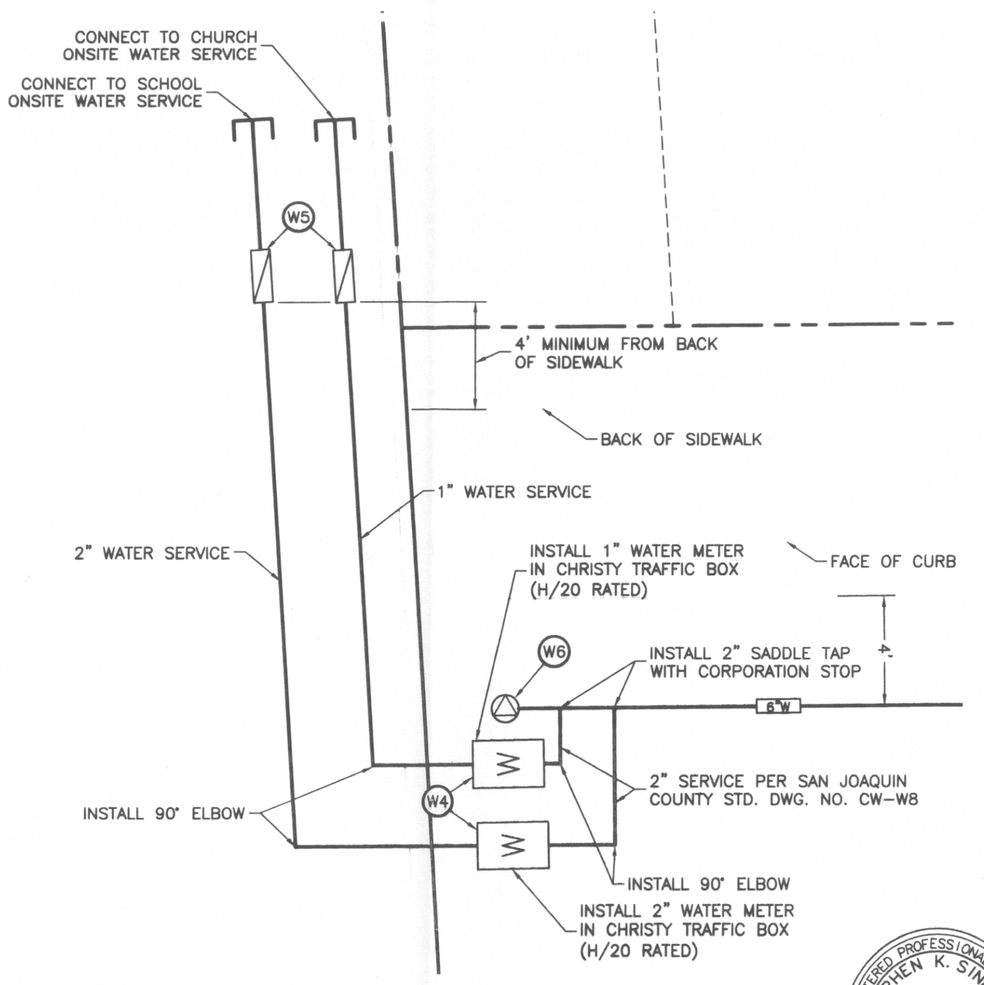
(W2) JOINING OF UNLIKE PIPE SECTIONS SHALL BE WITH APPROVED FLEXIBLE BAND SEALS OR TRANSITION COUPLINGS ONLY.

(W3) INSTALL 6" GATE VALVE CONFORMING TO AWWA C500, WITH VALVE BOX PER SAN JOAQUIN COUNTY STD. DWG. NO. CW-W5.

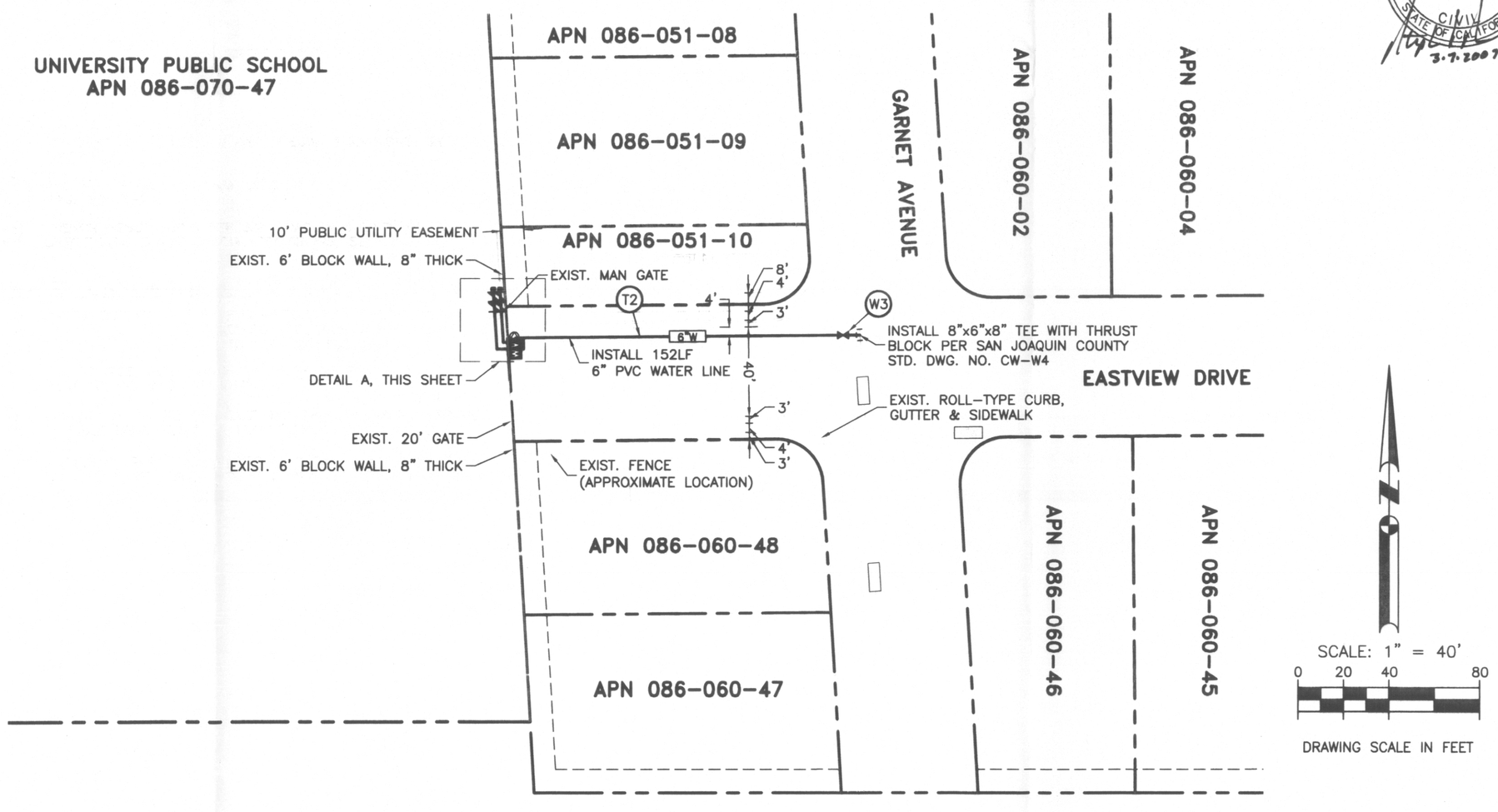
(W4) INSTALL BALL ANGLE METER STOP; INSTALL METER; INSTALL TRACE WIRE; INSTALL RADIO TOUCH/READ PAD & TRANSCEIVER, ALL PER SAN JOAQUIN COUNTY STD. DWG. NO. CW-W8.

(W5) INSTALL REDUCED PRESSURE/DOUBLE CHECK VALVE BACKFLOW PREVENTION DEVICE PER SAN JOAQUIN COUNTY STD. DWG. NO. CW-W24. BACKFLOW DEVICE TO BE LOCATED TO THE NORTH OF THE PROJECTED NORTH RIGHT-OF-WAY LINE OF EASTVIEW DRIVE.

(W6) INSTALL BLOW-OFF VALVE PER SAN JOAQUIN COUNTY STD. DWG. NO. CW-W6.



DETAIL A
SCALE: 1" = 4'



SCALE: 1" = 40'
0 20 40 80
DRAWING SCALE IN FEET

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SINNOCK NO. 32192 EXP. 12/31/2008 CIVIL STATE OF CALIFORNIA 3-7-2007

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

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

Revisions				
No.	Description	Date	By	Apvd. By

Design EAR
Drawn EAR
Check SKS

KJELDSEN SINNOCK NEUDECK INC. Consulting Engineers and Land Surveyors
Post Office Box 844
711 N. Pershing Avenue
Stockton, CA 95201-0844
Office: (209) 946-0268
Faxes: (209) 946-0296
E-mail: KSN@ksninc.com

WILKINSON MANOR UNIT NO. 3
EASTVIEW DRIVE, STOCKTON, CA

WATER EXTENSION
LAYOUT SHEET

Date FEBRUARY 2007
Scale 1" = 40'
Original Drawing Scale 0 ½" 1"
Sheet Number 2 Of 2
Project File No. 2061-0010