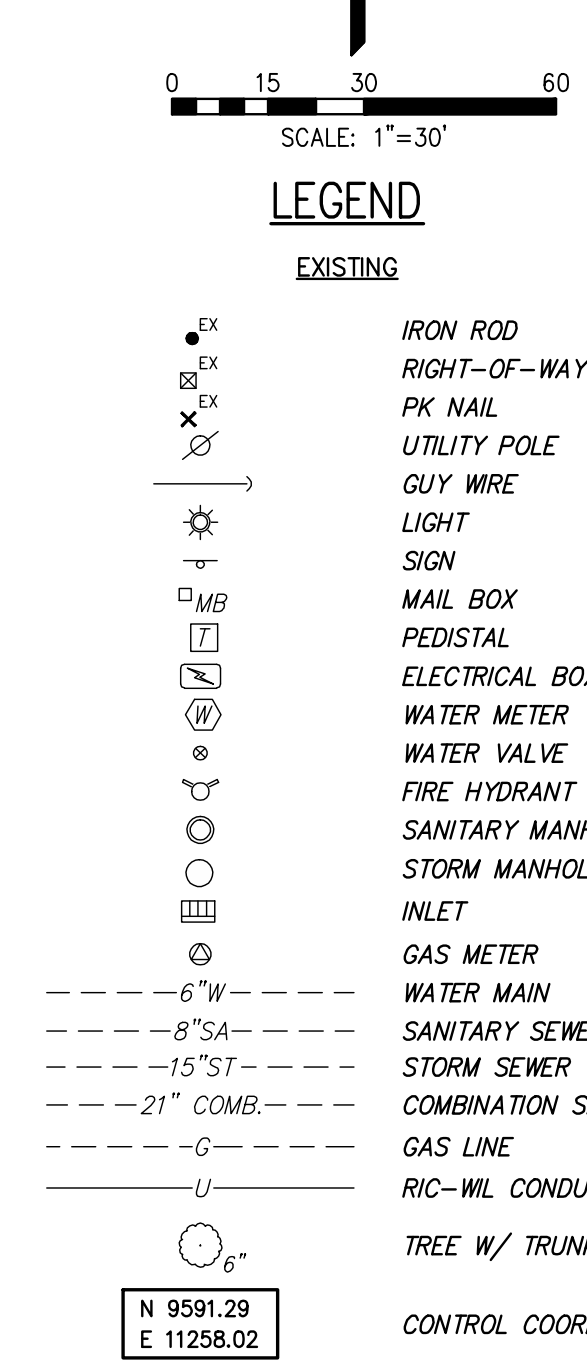
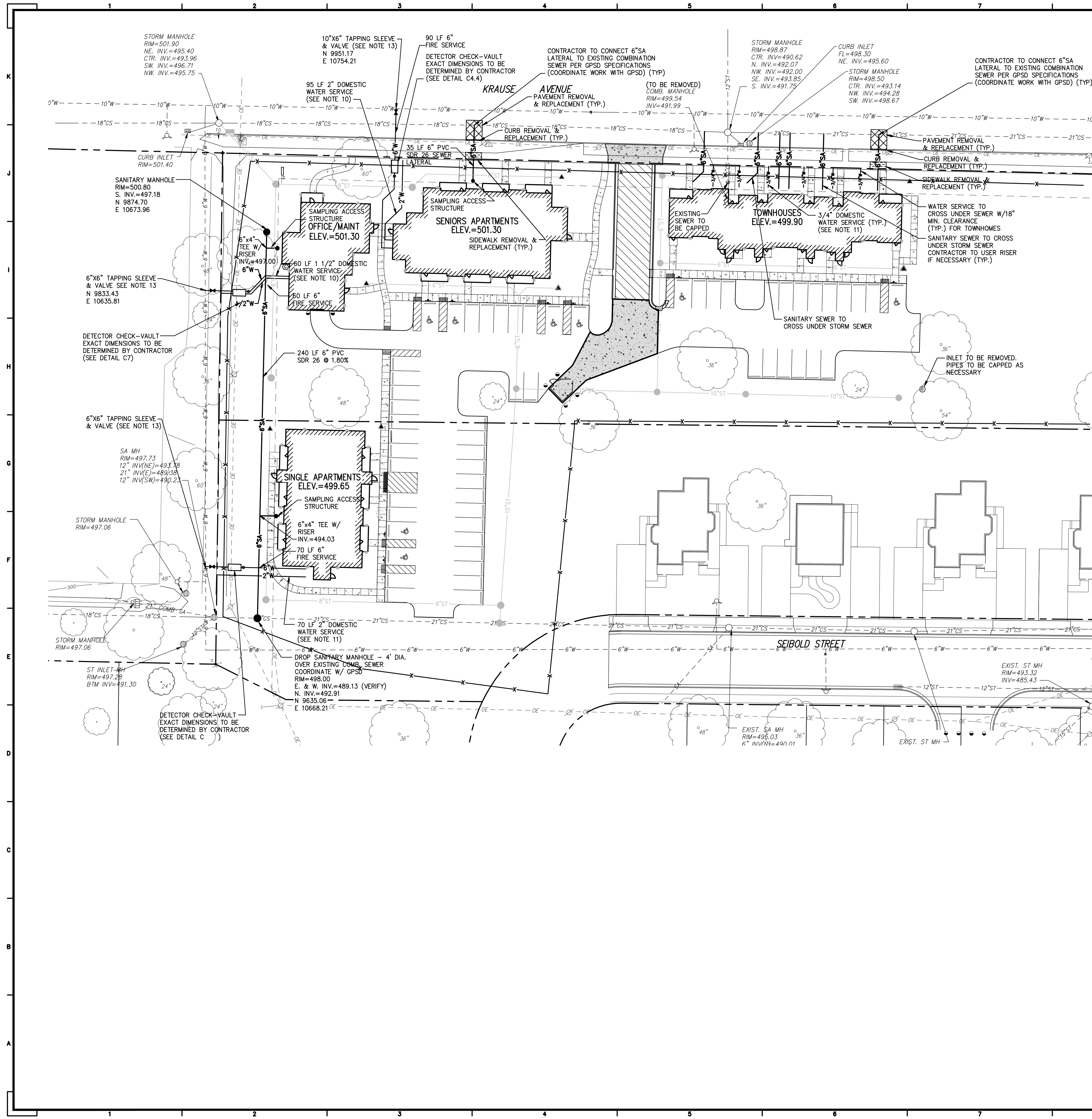


XRef Files: \\080282-00-01\pha phase ii | ereshon | P:\peoria housing authority\2009\09040282-00-pha - harrison phase 2 office & seniors\dwg\plans\pha SITE UTIL.DWG | Date: 07/10/2009 | Time: 07:24 |



General Utility Notes

- ALL WATER MAIN AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", 5TH EDITION, DATED MAY 1996.
 - "ILLINOIS AMERICAN WATER DEVELOPER INSTALLED WATER MAIN PACKET", 2007.
 - GREATER PEORIA SANITARY DISTRICT "GENERAL SPECIFICATIONS FOR SANITARY SEWER AND APPURTENANCES" AND "BUILDING SEWER REGULATIONS".
- UTILITIES AND EXISTING INFORMATION SHOWN WERE LOCATED FROM A COMBINATION OF FIELD SURVEYS. INFORMATION PROVIDED BY UTILITY COMPANIES AND OBSERVATION. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES AND HAVING ALL UTILITIES PROPERLY LOCATED AND VERIFIED PRIOR TO ANY CONSTRUCTION.
- EXISTING UTILITIES TO REMAIN WHICH ARE DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED WITHOUT ADDITIONAL COMPENSATION. COORDINATE ALL UTILITY REPAIRS WITH UTILITY OWNER. CONFLICTS WITH PROPOSED CONSTRUCTION AND UTILITIES TO REMAIN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER.
- ALL UTILITY TRENCHES WITHIN PUBLIC RIGHT-OF-WAY SHALL BE BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL). ALL UTILITY TRENCHES UNDER OR WITHIN 2 FEET OF EXISTING OR PROPOSED PAVEMENT, SIDEWALK, CURB OR BUILDING ARE TO BE BACKFILLED WITH I.D.O.T. QUALITY GRANULAR MATERIAL AND COMPACTED TO 95% STANDARD PROCTOR.
- A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN ALL WATER MAINS AND SEWERS. IF SEPARATION IS NOT POSSIBLE, WATER MAIN ENCASEMENT SHALL BE REQUIRED OR THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
- WATER MAINS SHALL CROSS ABOVE SEWERS WITH A MINIMUM VERTICAL SEPARATION OF 18 INCHES WHILE STILL MAINTAINING THE REQUIRED DEPTH OF COVER. IF PROPER SEPARATION IS NOT POSSIBLE, THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE OR THE WATER MAIN MUST BE ROUTED UNDER THE SEWER. IF THE WATER MAIN IS ROUTED UNDER THE SEWER, THE WATER MAIN MUST BE A MINIMUM OF 18 INCHES BELOW THE SEWER AND THE SEWER MUST BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL PAVEMENT, CURB, GUTTER AND SIDEWALK NECESSARY TO MAKE UTILITY CONNECTIONS.
- FIRE SERVICES SHALL BE PVC SDR 21, NSF 14, WITH AWWA C-110 FITTINGS AND GASKET JOINTS.
- CONTRACTOR SHALL PROVIDE ALL MATERIALS AND EXCAVATION NECESSARY FOR THE INSTALLATION OF TAPPING SLEEVES AND VALVES. ILLINOIS AMERICAN WATER WILL INSTALL TAPPING SLEEVE AND VALVE ON EXISTING WATER MAIN. CONTRACTOR IS RESPONSIBLE FOR CONNECTING FIRE SERVICE TO NEW VALVE.
- DOMESTIC WATER SERVICES SHALL BE COPPER, TYPE K.
- END DOMESTIC WATER SERVICE LINES BETWEEN THE SIDEWALK AND CURB BY INSTALLING A 90° ELBOW AND A VERTICAL PIPE EXTENDING FIVE FEET MINIMUM TO A POINT ABOVE THE GROUND SURFACE. ILLINOIS AMERICAN WATER IS RESPONSIBLE FOR INSTALLING CURB STOP AND CONNECTING SERVICE TO EXISTING WATER MAIN.
- EXISTING SANITARY SEWER LATERALS EXIST ON KRAUSE AVENUE. CONTRACTOR SHALL DIG AN EXPLORATORY HOLE UP TO 10' DEEP AT PROPERTY LINE IN THE LOCATION OF THE PROPOSED SEWER LATERAL TO DETERMINE IF AN EXISTING, USABLE SEWER LATERAL EXISTS PRIOR TO REMOVING PAVEMENT OR CURB AND GUTTER IN KRAUSE AVENUE. IF, IN THE OPINION OF THE OWNER, A SATISFACTORY LATERAL EXISTS, CONTRACTOR SHALL CONNECT TO THE EXISTING LATERAL.
- ALL CONNECTIONS TO AND MANHOLES OVER THE EXISTING COMBINATION SEWER SHALL BE COORDINATED WITH THE GREATER PEORIA SANITARY DISTRICT. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BRICK COMBINATION SEWER WHEN MAKING THE CONNECTION AND REPAIRING DAMAGE TO THE EXISTING SEWER CAUSED BY CONSTRUCTION.
- CONTRACTOR SHALL UTILIZE RISERS ON PROPOSED SANITARY SEWER LATERALS AS NECESSARY TO AVOID CONFLICTS WITH STORM SEWER AND WATER SERVICES.
- SEE PLUMBING PLANS FOR CONTINUATION OF SERVICES AND LATERALS INTO THE BUILDINGS. COORDINATE FINAL LOCATION OF UTILITY INSTALLATIONS WITH APPROPRIATE PROVIDER/CONTRACTOR AND WITH SUBCONTRACTORS WORKING WITHIN THE BUILDING PRIOR TO AND DURING CONSTRUCTION.

ISSUE:

#	Date	Description

PROJECT:
Peoria Housing Authority

Harrison Homes Redevelopment

Peoria, IL

Date: **07-09-09**
 Design/Drawn: **EMR**
 Reviewed: **LMT**
 Book No.: **-**

SHEET TITLE:
SITE UTILITY PLAN

SHEET NUMBER:
C3.0 OF -
 Project No.: **0090282.00**