

GENERAL NOTES

1. THE EXISTING UNDERGROUND UTILITY LINES SHOWN HEREON WERE TAKEN FROM DOCUMENTS FURNISHED BY OTHERS AND ARE NOT FIELD VERIFIED. THEREFORE, THE ENGINEER CAN NOT GUARANTEE THE ACCURACY OF SAME, NOR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND UTILITY LINES TO THE CONTRACTING OFFICER'S SATISFACTION AND MAKE ADJUSTMENTS TO THE SAME IN THE EVENT THERE ARE CONFLICTS WITH NEW CONSTRUCTION.
2. PROTECT ALL EXISTING UTILITIES, STRUCTURES, ETC. DURING EXCAVATION AND INSTALLATION OF NEW UTILITIES. EXISTING STRUCTURES AND FACILITIES, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITIES, TOPOGRAPHY, STREETS, CURBS, WALKS, LANDSCAPE MATERIALS, AND OTHER IMPROVEMENTS THAT ARE DAMAGED OR REMOVED DUE TO REQUIRED EXCAVATIONS OR CONTRACTOR'S WORK, SHALL BE PATCHED, REPAIRED, OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER, THE CONTRACTING OFFICER OF SUCH STRUCTURES AND FACILITIES, AND AUTHORITIES HAVING JURISDICTION. HAND EXCAVATION MAY BE REQUIRED IN SOME AREAS.
3. CONTRACTOR IS TO COORDINATE ALL WORK WITH CONTRACTING OFFICER AND OUTSIDE UTILITY COMPANIES IN ORDER TO PREVENT DAMAGE TO UTILITY LINES AND MAKING OF ADJUSTMENTS TO SAME.

4. REFER TO THE CIVIL DRAWING SHEETS FOR EXISTING CONDITIONS SHOWING THE KNOWN UTILITIES AND INFORMATION ON DEPTH OF BURIAL FROM DIGGING AND GROUND PENETRATING RADAR. RESOLUTION OF INSTALLATION CONFLICTS BETWEEN THE CHILLED WATER LINES AND OTHER UTILITIES SHALL BE MADE IN ACCORDANCE WITH THE DETAILS AND NOTES ON SHEET C211 OF DRAWING 79K39622 VOLUME 1.R.

5. DUE TO THE SENSITIVE NATURE OF MAINTAINING UTILITIES TO THIS CAMPUS, CONTRACTOR IS NOT AUTHORIZED TO OPERATE ANY VALVE OF THE EXISTING UTILITY SYSTEM. COORDINATE ALL WORK REQUIRING THE SHUTDOWN OF EXISTING, OR STARTUP OF NEW UTILITIES WITH CONTRACTING OFFICER PRIOR TO START OF WORK.
6. VERIFY EXACT LOCATION, SIZE AND IDENTITY OF EXISTING UTILITIES PRIOR TO START OF WORK. IF NECESSARY, ADJUST PIPING CONNECTIONS TO ENSURE CORRECT SYSTEM TIE-IN. PROVIDE REDUCING FITTINGS WHERE REQUIRED IN MAKING NEW CONNECTIONS TO EXISTING. COORDINATE INSTALLATION WITH ALL TRADES. WHERE INTERFERENCES DEVELOP IN FIELD, OFFSET OR REROUTE PIPING AS REQUIRED TO CLEAR SUCH INTERFERENCES.
7. PROVIDE REMOVAL AND REPLACEMENT/ RELOCATION OF ALL SURFACE OBJECTS INCLUDING, BUT NOT LIMITED TO SIGNS, TREES, PLANTERS, BIKE RACKS, UTILITY POLES, ETC. AS NECESSARY TO INSTALL NEW UNDERGROUND PIPING AND VALVE BOXES. RESTORE GRASS TO ORIGINAL CONDITION USING SOD.
8. WORK SHOWN HEREIN IS INTENDED TO SHOW END RESULT AND DOES NOT IMPLY SEQUENCING OF WORK. CONTRACTOR TO ESTABLISH WORK SEQUENCE VIA COORDINATION WITH OWNER AND REVIEW OF EXISTING CONDITIONS.

FLAG NOTES

- A  PRECAST CONCRETE VALVE BOX. LOCATE BOX OUTSIDE OF PARKING STALLS TO MAINTAIN ACCESS - REFER TO DETAIL THIS SHEET.
- B  WELDED HOT TAP CONNECTION TO EXISTING 16Ø STEEL U/G CHILLED WATER.
- C  REFER TO SHEET M301 FOR CONTINUATION OF CHW PIPING INTO BUILDING.
- D  CONFIRM VALVE BOX DIMENSIONS BASED ON INSTALLATION REQUIREMENTS AND ADJUST SIZE OF BOX IF NECESSARY.
- E  SHUT OFF VALVES IN VALVE BOX SHALL BE HIGH PERFORMANCE BUTTERFLY VALVES - REFER TO SPECIFICATIONS.
- F  RESILIENT WEDGE TAPPING VALVE. CONSTRUCT FOR BURIED APPLICATION, WITH EPOXY COATING AND 316 STAINLESS STEEL FASTENERS.



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| PROJ. NAME KSC CENTRAL CAMPUS REPLACEMENT | PROJ. NO. C-12070.00 | SKETCH |
| HEADQUARTERS BUILDING PHASE 1 | | |
| NNK14498217R | | |
| ISSUED FOR M101 | DRAWN Tyler Dykes | MSK |
| REFERENCE 79K39622 VOL. 3 SHEET 14 | DATE 04/16/14 | 002 |