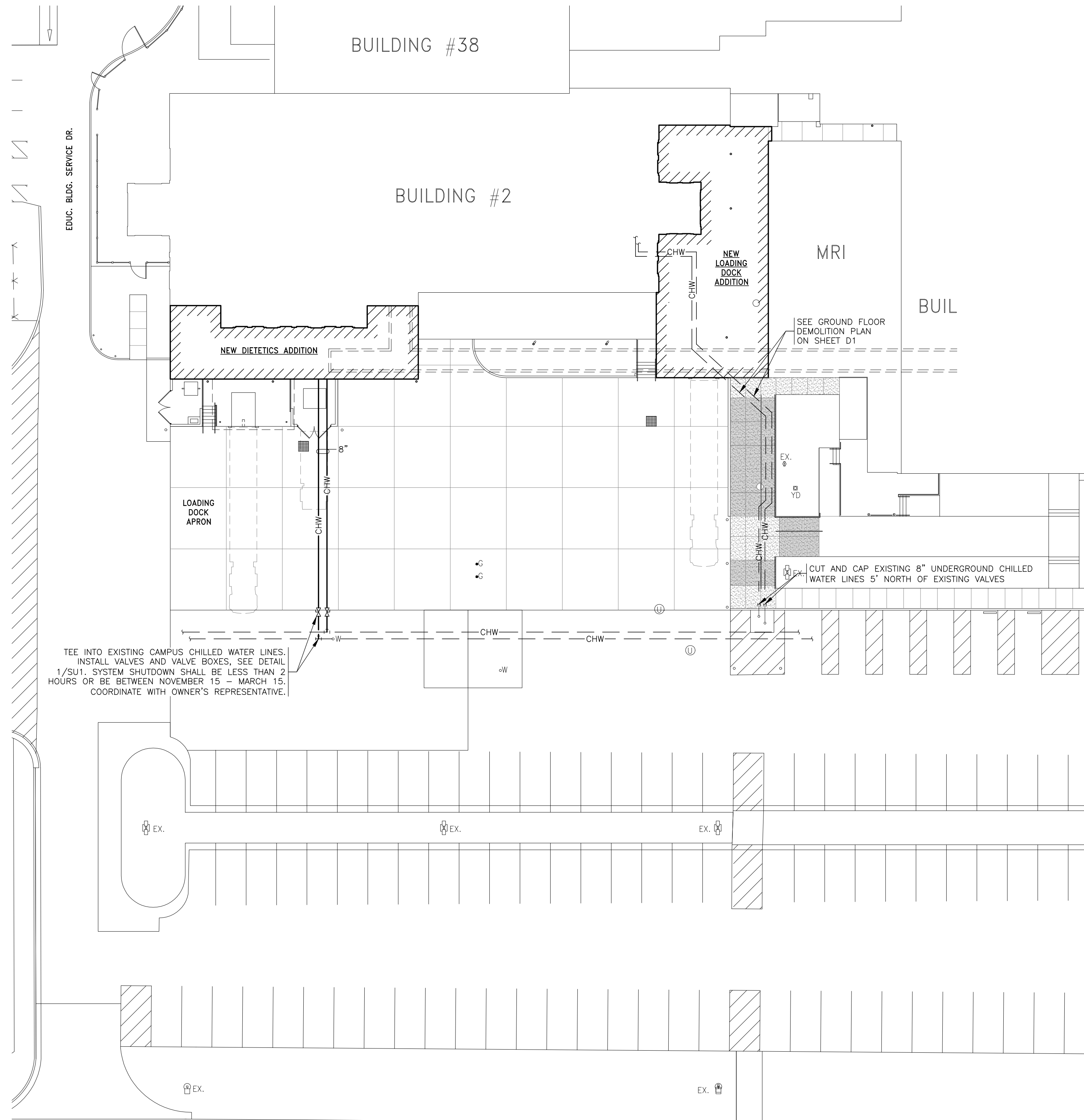
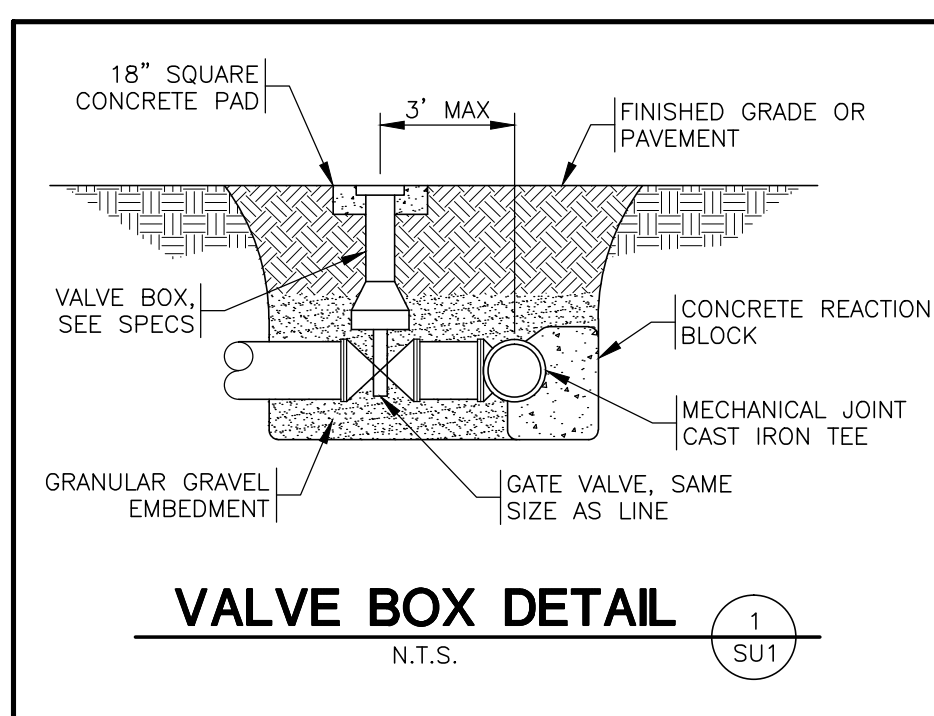


A
B
C
D
E
F

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



TEE INTO EXISTING CAMPUS CHILLED WATER LINES. INSTALL VALVES AND VALVE BOXES. SEE DETAIL 1/SU1. SYSTEM SHUTDOWN SHALL BE LESS THAN 2 HOURS OR BE BETWEEN NOVEMBER 15 - MARCH 15. COORDINATE WITH OWNER'S REPRESENTATIVE.




UTILITY LINE LEGEND	
NEW	EXISTING
WATER VALVE	SHUTOFF VALVE (EXISTING)
SANITARY SEWER CLEANOUT	SEWER CLEANOUT (EXISTING)
SEWER MANHOLE (EXISTING)	
—CHW— CHILLED WATER	—W— WATER
—WS— WATER SERVICE	—S— SANITARY SEWER
—S— SANITARY SEWER	—SD— STORM DRAIN
—SD— STORM SEWER	—CHW— CHILLED WATER
—G— GAS	—OEP— OVERHEAD ELECTRIC PRIMARY
—OEP— OVERHEAD ELECTRIC PRIMARY	—OES— OVERHEAD ELECTRIC SECONDARY
—OES— OVERHEAD ELECTRIC SECONDARY	—UEP— UNDERGROUND ELECTRIC PRIMARY
—UEP— UNDERGROUND ELECTRIC PRIMARY	—UES— UNDERGROUND ELECTRIC SECONDARY
—UES— UNDERGROUND ELECTRIC SECONDARY	—COM— COMMUNICATIONS CONDUIT
—COM— COMMUNICATIONS CONDUIT	—UT— UNDERGROUND TELEPHONE
—UT— UNDERGROUND TELEPHONE	—FO— FIBER OPTIC LINE
—FO— FIBER OPTIC LINE	—FS— FIRE SERVICE
—FS— FIRE SERVICE	LIGHT POLE
P.O.C. POINT OF CONNECTION BETWEEN EXISTING AND NEW UTILITIES	POWER POLE

- EXISTING CONDITIONS NOTES:**
1. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID, REFER TO SPECIFICATIONS ALSO.
 2. EXISTING INSTALLATIONS (SUCH AS WATER MAINS/LINES, GAS MAINS/LINES, SEWER MAINS/LINES, TELEPHONE LINES, POWER LINES, AND UTILITY STRUCTURES IN THE VICINITY OF THE WORK TO BE DONE) ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT THAT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED.
 3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.
 4. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.
 5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS/INSTALLATIONS.

- GENERAL NOTES:**
1. ALL DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO FIELD MEASUREMENTS FOR DIMENSIONS.
 2. THE CONTRACTOR SHALL COORDINATE WITH ALL STATE AND LOCAL BUILDING REGULATION AGENCIES AND UTILITY COMPANY(S) IN THE PROCUREMENT OF AND PAYMENT OF ALL PERMITS, LICENSES, FEES AND CHARGES REQUIRED FOR THE PERFORMANCE OF THE WORK.
 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL FEES AND DIRECT EXPENSES INVOLVED IN ANY INSPECTION REQUIRED FOR THE PROJECT.
 4. SHOULD A DISCREPANCY BETWEEN CONTRACT DOCUMENTS AND SPECIFICATIONS OCCUR, CONTRACTOR SHOULD IMMEDIATELY NOTIFY THE ENGINEER FOR RESOLUTION BEFORE PROCEEDING WITH WORK.
 5. ADDITIONAL WORK BEYOND THE SCOPE OF THIS CONTRACT SHALL NOT BE AUTHORIZED EXCEPT AS DIRECTED BY THE ENGINEER AND WITH APPROVAL OF THE OWNER.
 6. THE CONTRACTOR SHALL PREPARE AND SEND SUBMITTALS TO THE ENGINEER OF ALL MATERIALS AND EQUIPMENT PROPOSED TO BE USED ON THE JOB AS SOON AS POSSIBLE AFTER AWARD OF THE CONTRACT. THE SUBMITTALS WILL BE REVIEWED BY THE ENGINEER FOR EQUAL QUALITY AND PERFORMANCE TO THE ITEMS SPECIFIED.
 7. ALL CONTRACTORS SHALL COOPERATE AND COORDINATE THEIR WORK WITH OTHER CONTRACTORS AND SUBCONTRACTORS ON THE PROJECT. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING COMPLETE AND FUNCTIONAL SYSTEMS IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
 9. THE CONTRACTOR SHALL SCHEDULE AND EXECUTE ALL WORK WITH REGARD TO THE OWNER'S USE OF THE BUILDING DURING THE PERIOD OF CONSTRUCTION. VERIFY ALL POSSIBLE SCHEDULING CONFLICTS WITH THE OWNER'S REPRESENTATIVE.
 10. CONTRACTOR SHALL COORDINATE WITH THE SERVING "UTILITY COMPANY(S)" TO PROVIDE THE UTILITY SERVICE(S) AS SHOWN.

STATE OF ILLINOIS LIMITATION

I HEREBY CERTIFY THAT THESE ENGINEERING DOCUMENTS WERE PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

 12-29-15
NORMAN E. GOTH (DATE)

LICENSE RENEWAL DATE IS NOVEMBER 30, 2017

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SPECIFICATIONS: DIVISIONS: 21, 22, 23, 26, 27 AND 28

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CONTRACT DOCUMENTS

SITE UTILITIES PLAN
SCALE: 1"=20'



CONSULTANTS:  SMITH-GOTH ENGINEERS, INC. EXPERIENCE. FORWARD-THINKING.	ARCHITECT/ENGINEERS:  MAK ARCHITECTS, INC. ARCHITECTURE • PLANNING • INTERIOR DESIGN 8328-R Olive Boulevard., St. Louis, Missouri 63132 mak@makarchitects.com www.makarchitects.com 314-997-3802 314-993-3761 (Fax)	Drawing Title BLDG. #2 - SITE UTILITIES PLAN Approved Project Director	Project Title CONSTRUCT NEW DIETETICS DEPARTMENT OF VETERAN AFFAIRS MEDICAL CENTER Location 2401 WEST MAIN STREET, MARION, IL 62959 Date 12-29-2015 Checked D.L.S. Drawn P.J.E.	Project Number 657A5-10-101 Building Number Building #2 Drawing Number SU1 Dwg 1 of 21 Office of Construction and Facilities Management 
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