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WAIS ROAD

COMMERCE DRIVE

CORE HOLE IN EXISTING SANITARY MANHOLE FOR PROPOSED 8" PVC SANITARY SEWER LATERAL, IE=1065.79 (CONTRACTOR TO FIELD VERIFY RIM & INVERT)

COORDINATE PROPOSED NATURAL GAS SIZE & LOCATION TO PROPOSED BUILDING W/UTILITY COMPANY

EXTEND EXISTING 8" WATER LATERAL TO PROPOSED BUILDING

COORDINATE PROPOSED UNDERGROUND ELECTRIC W/UTILITY COMPANY

58'–8" PVC SANITARY SEWER @ 0.40%

S1
24'–3'ø PERF. CMP

S2
24'–3'ø PERF CMP

S5
60'–54"ø PERF. CMP

S16
24'–3'ø PERF. CMP

S17
24'–3'ø PERF. CMP

S3 CB

S4 MH

S6 MH

S7 MH

S8 CI

S9 CI

S10 CI

S11 MH

S12 MH

S13 MH

S14 MH

S15 CI

S18 CI

SEE UTILITY NOTES #16

RELOCATED LIGHT POLE

ADJUST MANHOLE TO PROPOSED TURN LANE/CURB ELEVATION (SEE C3.1–TURN LANE/BIKE PATH GRADING PLAN)

PARKING UNDERDRAIN

RELOCATED HYDRANT

6" GATE VALVE

INSTALL 45° BEND & NEW 6" LATERAL TO RELOCATED HYDRANT

4'x8'x2" THICK PIPE INSULATION, (TYP.)

UNDERGROUND WATER QUALITY STORMWATER MANAGEMENT SYSTEM. 66" ø ALUMINUM PIPING (SEE CONTECH CONSTRUCTION DETAILS)

LOADING ZONE

RIDGE

EX. S–1 RIM=1075.85 IE=1069.23 (E,W) IE=1070.62 (S)

EX. S–2 RIM=1077.47 IE=1072.72 (E,W) IE=1072.52 (N) IE=1073.32 (SE)

EX. S–3 RIM=1083.48 IE=1078.73 (W, E) IE=1079.23 (N)

EX. S–4 RIM=1087.81 IE=1081.05 (NW, SE) IE=1083.16 (S)

EX. S–5 RIM=1092.18 IE=1087.43 (NW, SE) IE=1087.93 (NE)

EX. S–6 RIM=1096.74 IE=1091.99 (NW,SE) IE=1092.09 (SW)

EX. S–7 RIM=1101.05 IE=1096.30 (NE,SW)

EX. S–8 RIM=1105.52 IE=1100.77 (NW, SE)

EX. S–9 RIM=1109.81 IE=1105.08 (NW) IE=1105.58 (S) IE=1105.33 (E)

EX. S–9A RIM=1112.22 IE=1105.95 (W) IE=1105.95 (NE)

EX. S–9C RIM=1111.76 IE=1106.28 (SW)

EX. S–21 RIM=1074.97 IE=1071.07 (N) IE=1071.32 (S) IE=1071.07 (W)

EX. S–22 RIM=1077.43 IE=1073.24 (NE)

EX. S–24A RIM=1086.34 IE=1083.01 (W) IE=1083.11 (SE)

EX. SAN MH RIM=1074.53 IE=1065.69 (N) IE=1065.79 (S)

EX. SAN MH RIM=1089.83 IE=1079.43 (W) IE=1079.53 (SE)

EX. SAN MH RIM=1107.82 IE=1096.82 (NW) IE=1096.92 (SE)

EX. SAN MH RIM=1083.86 IE=1071.51 (N) IE=1073.88 (S,E,W)

EX. SAN MH RIM=1090.18 D=9.20 IE=1080.98

EX. SAN MH RIM=1096.64 D=9.55 IE=1087.09

SAS #6 RIM=1096.38 IE=1086.38 (N) IE=1086.48 (E)

EX. ELEC. MH RIM=1112.72

EXISTING 12' WIDE NON-EXCLUSIVE DRAINAGE EASEMENT (PER PLAT)

EXISTING 6' WIDE NON-EXCLUSIVE DRAINAGE EASEMENT (PER PLAT)

EXISTING 12' WIDE UNDERGROUND ELECTRIC EASEMENT DOC. No. 4880453

NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS

EXISTING 12' WIDE NON-EXCLUSIVE DRAINAGE EASEMENT (PER PLAT)

QUIT CLAIM DEED DOC. No. 4880453

CALL DIGGER'S HOTLINE
1–800–242–8511
TOLL FREE
TELEFAX: 1–800–338–3860
TDC (FOR HEARING IMPAIRED): 1–800–542–2289
WIS. STATUTE 182.0175 (1979) REQUIRES MINIMUM OF 3 WORKING DAYS NOTICE BEFORE YOU EXCAVATE.

N

GRAPHIC SCALE FEET
0 10 20 40

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER CURB INLET
- STORM SEWER FIELD INLET
- SANITARY SEWER PIPE (GRAVITY)
- WATER MAIN
- FIRE HYDRANT
- WATER VALVE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE
- TELEPHONE SERVICE
- FIBER OPTIC LINE

ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
SMH – SANITARY MANHOLE

UTILITY NOTES:

1. PRIVATE WATER MAIN AND SERVICES SHALL BE DUCTILE IRON (AWWA C–151, CLASS 52) OR APPROVED EQUAL MATERIAL THAT CONFORMS TO COMM 84.30(4)(d).
2. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 – SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO COMM 84.30(2)(c).
3. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER COMM 82.10(11)(h) AND COMM 82.40(8)(k).
4. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH COMM 82.40(8)(b.).
5. NO PERSON MAY ENGAGE IN WORK AT PLUMBING IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF COMMERCE PER S.145.06.
6. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE AND EXACT LOCATION OF PROPOSED SANITARY AND WATER LATERALS.
7. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON–SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
8. PROPOSED UTILITY SERVICE LINES AS SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
10. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
11. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
12. EXISTING WATER AND SANITARY LATERALS MUST BE PROPERLY ABANDONED PER CITY REQUIREMENTS.
13. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT–OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
14. THE DEVELOPER SHALL INSTALL THE 3M™ ELECTRONIC MARKER SYSTEM (EMS) 4" EXTENDED RANGE 5' BALL MARKERS–WASTEWATER (MODEL #1404–XR) FOR EACH SANITARY AND STORM SEWER LATERALS. THE CITY SHALL SUPPLY ALL THE REQUIRED MARKERS TO THE DEVELOPER OR ITS CONTRACTOR (GENERALLY REQUIRES 2 PER LATERAL) AND THE CONTRACTOR SHALL INSTALL THEM PER THE MANUFACTURER'S REQUIREMENTS OR AS DIRECTED BY THE CITY ENGINEER.
15. ALL WORK IN THE PUBLIC RIGHT–OF–WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR.
16. SAWCUT EXISTING STORM SEWER PIPE AT JOINT...

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UTILITY PLAN - DRAFT
ALL SAINTS CAMPUS
CITY OF MADISON
DANE COUNTY, WISCONSIN

REVISIONS			
NO.	DATE	REMARKS	

REVISIONS			
NO.	DATE	REMARKS	

SCALE: AS SHOWN
DATE: 08–05–2014
DRAFTER: ACAR
CHECKED: TSCH
PROJECT NO.: 130046

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