



SANITARY TAGS	
1	EXIST. SAN MH RIM = 11.45 (ADJUST TO FG) INV = 4.60, N INV = 4.65, S INV = 4.75, W INV = 7.33, NE (CORE CONNECTION) (FIELD VERIFY ALL INTERVENTS & CONTACT ENGINEER)
2	61 LIN FT PVC SAN SERVICE, 6" (SDR 26) @ 1.04%
3	SINGLE CLEAN OUT, 6" (SEE DETAIL) RIM = 12.91 INV = 7.98
4	66 LIN FT PVC SAN SERVICE, 6" (SDR 26) @ 1.04% INV @ S-2 = 7.96
5	PROP. SAN MH RIM = 13.01 INV = 8.65, 6" W INV = 8.75, 4" E INV = 10.11, 4" N
6	66 LIN FT PVC SAN SERVICE, 4" (SDR 26) @ 2.08%
7	SINGLE CLEAN OUT, 4" (SEE DETAIL) RIM = 13.41 INV = 10.04
8	0
9	OIL/GREASE INTERCEPTOR (SEE PLUMBING PLAN) RIM(S) = 13.41 INV = 10.12 (OUTLET) W INV = 10.29 (INLET) E
10	4 LIN FT PVC SAN SERVICE, 4" (SDR 26) @ 2.08%
11	SINGLE CLEAN OUT, 4" (SEE DETAIL) RIM = 13.41 INV = 10.37
12	10 LIN FT PVC SAN SERVICE, 4" (SDR 26) @ 2.08%
13	OMITTED
14	9 LIN FT PVC SAN SERVICE, 4" (SDR 26) @ 5.00% INV @ BLDG. = 10.56

WATER TAGS	
1	EXIST. WATER VALVE & BOX (TO REMAIN)
2	PROP. 210 LIN FT 2" TYPE K COPPER WATER SERVICE
3	CONNECT SERVICE TO PROP. BLDG. (VERIFY LOCATION PER ARCHITECT PLANS)

CONFLICT TAGS	
A	WATER TAG 2 BOP = 9.08 STORM SEWER TAG 10 TOP = 6.63 VERT SEP = 2.63'
B	WATER TAG 2 BOP = 9.08 STORM SEWER TAG 10 TOP = 6.63 VERT SEP = 2.63'
C	SANITARY SEWER TAG 2 BOP = 7.76 STORM SEWER TAG 6 TOP = 6.64 VERT SEP = 1.12'

- UTILITY NOTES:**
- REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR UTILITY SERVICE SIZES AND EXACT LOCATIONS. CONTRACTOR TO CONFIRM SIZES OF ALL SERVICES PRIOR TO INSTALLATION. REFER TO ELECTRICAL PLANS FOR ELECTRIC AND TELEPHONE SERVICE CONSTRUCTION DETAILS. REFER TO MECHANICAL PLANS FOR GAS SERVICE CONSTRUCTION DETAILS.
 - FIELD VERIFY ELEVATIONS AND LOCATIONS OF ALL CONNECTIONS TO EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
 - PROVIDE TEMPORARY SUPPORT FOR EXISTING UTILITY LINES THAT ARE ENCOUNTERED DURING CONSTRUCTION UNTIL BACKFILLING IS COMPLETE.
 - MAINTAIN A MINIMUM OF 3.0' COVER OVER ALL WATER MAINS.
 - ADJUST ALL MANHOLES AND FRAMES TO FINISHED GRADES.
 - 18" MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY/STORM SEWER LINES AND WATER MAINS.
 - MAINTAIN A MINIMUM OF 10' HORIZONTAL SEPARATION BETWEEN SEWER LINES AND WATER MAINS.
 - WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES, UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IF IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THEREOF. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK. THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY CALL JULIE AT 1-800-838-4097 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
 - LOCATION OF SITE UTILITIES SHALL BE VERIFIED WITH PROPER UTILITY COMPANY PROVIDING SERVICE.
 - ALL SANITARY LEADS TO BUILDING SHALL CONNECT TO BUILDING PLUMBING 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN. CONTRACTOR SHALL PROVIDE A TEMPORARY PLUG AT END IF BUILDING PLUMBING OUTLET IS NOT PRESENT.
 - GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL TAP AND TIE ON FEES REQUIRED, AS WELL AS COST OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDING.
 - ELECTRICAL SERVICE TO PAD MOUNTED TRANSFORMER SHALL BE RUN UNDERGROUND, FROM ROAD RIGHT-OF-WAY TO TRANSFORMER LOCATION. ASSOCIATED COST BY GENERAL CONTRACTOR.
 - FOR EXACT LIGHT POLE LOCATIONS SEE PHOTOMETRIC PLAN.
 - ALL SANITARY SEWER AND STORM SEWER CONSTRUCTION SHALL BE PER THE CITY OF TAMPA STANDARD SPECIFICATIONS AND DETAILS.
 - ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
 - CONTRACTOR IS RESPONSIBLE TO PULL ALL PERMITS NEEDED TO INSTALL THE WATER METER AND BACKFLOW PREVENTER.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY FEES INVOLVED TO INSTALL THE METER AND BACKFLOW. THE METER TAP FEES ARE PAID TO THE CITY UTILITY CUSTOMER SERVICE DEPARTMENT.
 - CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, DEWATERING AND RESTORATION TO INSTALL THE WATER METER.

- ONSITE WATERLINE NOTES:**
- THRUST RESTRAINT ON SLIP JOINT DUCTILE IRON SHALL BE U.S. PIPE FIELD LOCK GASKETS FOR TYTON JOINT PIPE OR AMERICAN FASTITE PIPE FOR AMERICAN FASTITE PIPE.
 - THRUST RESTRAINT ON DUCTILE IRON FITTINGS SHALL BE PROVIDED BY THE USE OF MEGALUG RETAINERS AND MECHANICAL JOINT FITTINGS.
 - THRUST RESTRAINT FOR PVC PIPE AT FITTINGS AND VALVES SHALL BE EBBA IRON MEGALUG RESTRAINERS.
 - THRUST RESTRAINT FOR PVC PIPE BETWEEN PIPE JOINTS SHALL BE EBBA IRON 1500 SERIES RESTRAINERS.
 - ALL FIRE HYDRANTS SHALL BE PROVIDED WITH AN APPROVED AUXILIARY GATE VALVE.
 - ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED BEFORE ACCEPTANCE. SEE SITE WORK SPECIFICATIONS.
 - ALL TRENCHING, PIPE LAYING, AND BACKFILL SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
 - GENERAL CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO INSTALLATION.
 - ALL WATER MAINS SHALL BE TESTED AND FLUSHED IN ACCORDANCE WITH NFPA 24 PRIOR TO CONNECTING THE SPRINKLER SYSTEMS. CONTACT THE FIRE PREVENTION BUREAU TO SCHEDULE A FIRE INSPECTOR TO WITNESS THE FLUSHING AND CONDUCT A FLOW TEST.

LEGEND

	DENOTES AREA TO UTILIZE TRUNCATED DOMES
	DENOTES PROP. SIDEWALK
	DENOTES AREA OF DEPRESSED SIDEWALK
	DENOTES AREA OF DEPRESSED CURB AND GUTTER
	DENOTES STANDARD PAVEMENT
	DENOTES CONCRETE PAVEMENT LOCATIONS
	DENOTES AREA OF TRENCH BACKFILL
	DENOTES MAINTAIN 12" VERTICAL SEPARATION PER F.A.C. RULE 62-555.314

1" = 20'

PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
C-05

ILLINOIS DESIGN FIRM
184-001322
420 N. FRONT STREET, SUITE 100
MCHEERY, IL 60050
PHONE: 815.385.1778
FAX: 815.385.1781

HRGreen

CAR CARE PLUS CENTER
AAA - AMERICAN AUTOMOBILE ASSOCIATION
1701 N. WESTSHORE BLVD., TAMPA, FL 33607
CIVIL
UTILITY PLAN

BAR IS ONE INCH ON OFFICIAL DRAWINGS
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY

DRAWN BY: ERN
APPROVED: JFV
JOB DATE: 06/20/2018
JOB NO: 160122

DRAWING
C-05