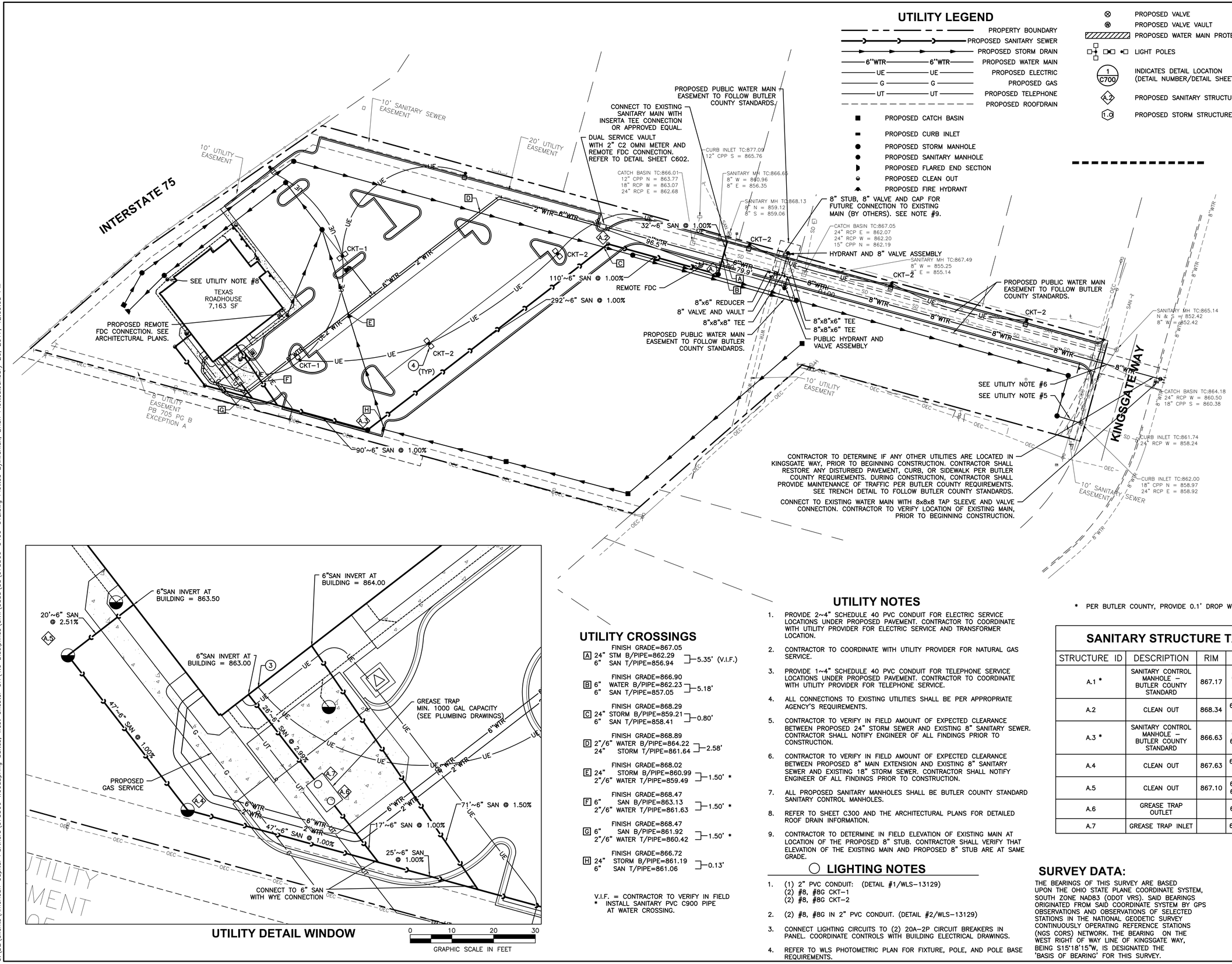
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G:\DE\Clients\American Capital Partners\075566 WoodSpring Suites, West Chester OH\4.0 Disciplines\Civil\Cadd\Cad\075566-C400-UTL.dwg Plotted By:Iwaniuk, Brian Plotted:January 26, 2017, 12:09:05 PM



UTILITY LEGEND

- PROPERTY BOUNDARY
- PROPOSED SANITARY SEWER
- PROPOSED STORM DRAIN
- PROPOSED WATER MAIN
- PROPOSED ELECTRIC
- PROPOSED GAS
- PROPOSED TELEPHONE
- PROPOSED ROOFDRAIN
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEAN OUT
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE
- PROPOSED VALVE VAULT
- PROPOSED WATER MAIN PROTECTION CASING
- LIGHT POLES
- INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- PROPOSED SANITARY STRUCTURE CALLOUT
- PROPOSED STORM STRUCTURE CALLOUT

UTILITY DETAIL WINDOW

0 10 20 30
GRAPHIC SCALE IN FEET

UTILITY CROSSINGS

- A: FINISH GRADE=867.05; 24" STM B/PIPE=862.29; 6" SAN T/PIPE=856.94 — 5.35' (V.I.F.)
- B: FINISH GRADE=866.90; 6" WATER B/PIPE=862.23; 6" SAN T/PIPE=857.05 — 5.18'
- C: FINISH GRADE=868.29; 24" STORM B/PIPE=859.21; 6" SAN T/PIPE=858.41 — 0.80'
- D: FINISH GRADE=868.89; 2"/6" WATER B/PIPE=864.22; 24" STORM T/PIPE=861.64 — 2.58'
- E: FINISH GRADE=868.02; 24" STORM B/PIPE=860.99; 2"/6" WATER T/PIPE=859.49 — 1.50' *
- F: FINISH GRADE=868.47; 6" SAN B/PIPE=863.13; 2"/6" WATER T/PIPE=861.63 — 1.50' *
- G: FINISH GRADE=868.47; 6" SAN B/PIPE=861.92; 2"/6" WATER T/PIPE=860.42 — 1.50' *
- H: FINISH GRADE=866.72; 24" STORM B/PIPE=861.19; 6" SAN T/PIPE=861.06 — 0.13'

V.I.F. = CONTRACTOR TO VERIFY IN FIELD
* INSTALL SANITARY PVC C900 PIPE AT WATER CROSSING.

UTILITY NOTES

1. PROVIDE 2~4" SCHEDULE 40 PVC CONDUIT FOR ELECTRIC SERVICE LOCATIONS UNDER PROPOSED PAVEMENT. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR ELECTRIC SERVICE AND TRANSFORMER LOCATION.
2. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR NATURAL GAS SERVICE.
3. PROVIDE 1~4" SCHEDULE 40 PVC CONDUIT FOR TELEPHONE SERVICE LOCATIONS UNDER PROPOSED PAVEMENT. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR TELEPHONE SERVICE.
4. ALL CONNECTIONS TO EXISTING UTILITIES SHALL BE PER APPROPRIATE AGENCY'S REQUIREMENTS.
5. CONTRACTOR TO VERIFY IN FIELD AMOUNT OF EXPECTED CLEARANCE BETWEEN PROPOSED 24" STORM SEWER AND EXISTING 8" SANITARY SEWER. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL FINDINGS PRIOR TO CONSTRUCTION.
6. CONTRACTOR TO VERIFY IN FIELD AMOUNT OF EXPECTED CLEARANCE BETWEEN PROPOSED 8" MAIN EXTENSION AND EXISTING 8" SANITARY SEWER AND EXISTING 18" STORM SEWER. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL FINDINGS PRIOR TO CONSTRUCTION.
7. ALL PROPOSED SANITARY MANHOLES SHALL BE BUTLER COUNTY STANDARD SANITARY CONTROL MANHOLES.
8. REFER TO SHEET C300 AND THE ARCHITECTURAL PLANS FOR DETAILED ROOF DRAIN INFORMATION.
9. CONTRACTOR TO DETERMINE IN FIELD ELEVATION OF EXISTING MAIN AT LOCATION OF THE PROPOSED 8" STUB. CONTRACTOR SHALL VERIFY THAT ELEVATION OF THE EXISTING MAIN AND PROPOSED 8" STUB ARE AT SAME GRADE.

LIGHTING NOTES

1. (1) 2" PVC CONDUIT: (DETAIL #1/WLS-13129)
   (2) #8, #8G CKT-1
   (2) #8, #8G CKT-2
2. (2) #8, #8G IN 2" PVC CONDUIT. (DETAIL #2/WLS-13129)
3. CONNECT LIGHTING CIRCUITS TO (2) 20A-2P CIRCUIT BREAKERS IN PANEL. COORDINATE CONTROLS WITH BUILDING ELECTRICAL DRAWINGS.
4. REFER TO WLS PHOTOMETRIC PLAN FOR FIXTURE, POLE, AND POLE BASE REQUIREMENTS.

* PER BUTLER COUNTY, PROVIDE 0.1' DROP WITHIN MANHOLES

SANITARY STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	RIM	INVERT
A.1 *	SANITARY CONTROL MANHOLE – BUTLER COUNTY STANDARD	867.17	6" = 856.67 (W) 6" = 856.57 (N)
A.2	CLEAN OUT	868.34	6" = 857.77 (SW) 6" = 857.77 (E)
A.3 *	SANITARY CONTROL MANHOLE – BUTLER COUNTY STANDARD	866.63	6" = 860.91 (W) 6" = 860.69 (NE)
A.4	CLEAN OUT	867.63	6" = 862.53 (NW) 6" = 862.53 (E)
A.5	CLEAN OUT	867.10	6" = 863.00 (NE) 6" = 863.00 (SE)
A.6	GREASE TRAP OUTLET		6" = 862.23 (SE)
A.7	GREASE TRAP INLET		6" = 862.23 (NW)

SURVEY DATA:

THE BEARINGS OF THIS SURVEY ARE BASED UPON THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE NAD83 (ODOT VRS). SAID BEARINGS ORIGINATED FROM SAID COORDINATE SYSTEM BY GPS OBSERVATIONS AND OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATIONS (NGS CORS) NETWORK. THE BEARING ON THE WEST RIGHT OF WAY LINE OF KINGSGATE WAY, BEING S15°18'15"W, IS DESIGNATED THE 'BASIS OF BEARING' FOR THIS SURVEY.

Ohio Utilities Protection Service
Call 811 before you dig

No.	DATE	REVISION
9	01/17/17	PER BCWSD COMMENTS
8	12/20/16	STM ADDENDUM
7	12/13/16	PER BCSWD COMMENTS
6	11/23/16	PER BCSWD COMMENTS
5	11/02/16	PER BCSWD COMMENTS
4	10/17/16	PER BCSWD COMMENTS

PROJECT No: 075566
DATE 06/15/16
DES. BI
DR. BI
CKD. JG

4454 Idea Center Blvd
Dayton, OH
45430-1500
937.461.5660
FAX: 937.461.0743
WOOLPERT

SEAL

SITE IMPROVEMENT PLANS
TEXAS ROADHOUSE - WEST CHESTER
7313 KINGSGATE WAY
WEST CHESTER TOWNSHIP, BUTLER COUNTY, OHIO

UTILITY PLAN

SHEET NO.
C400