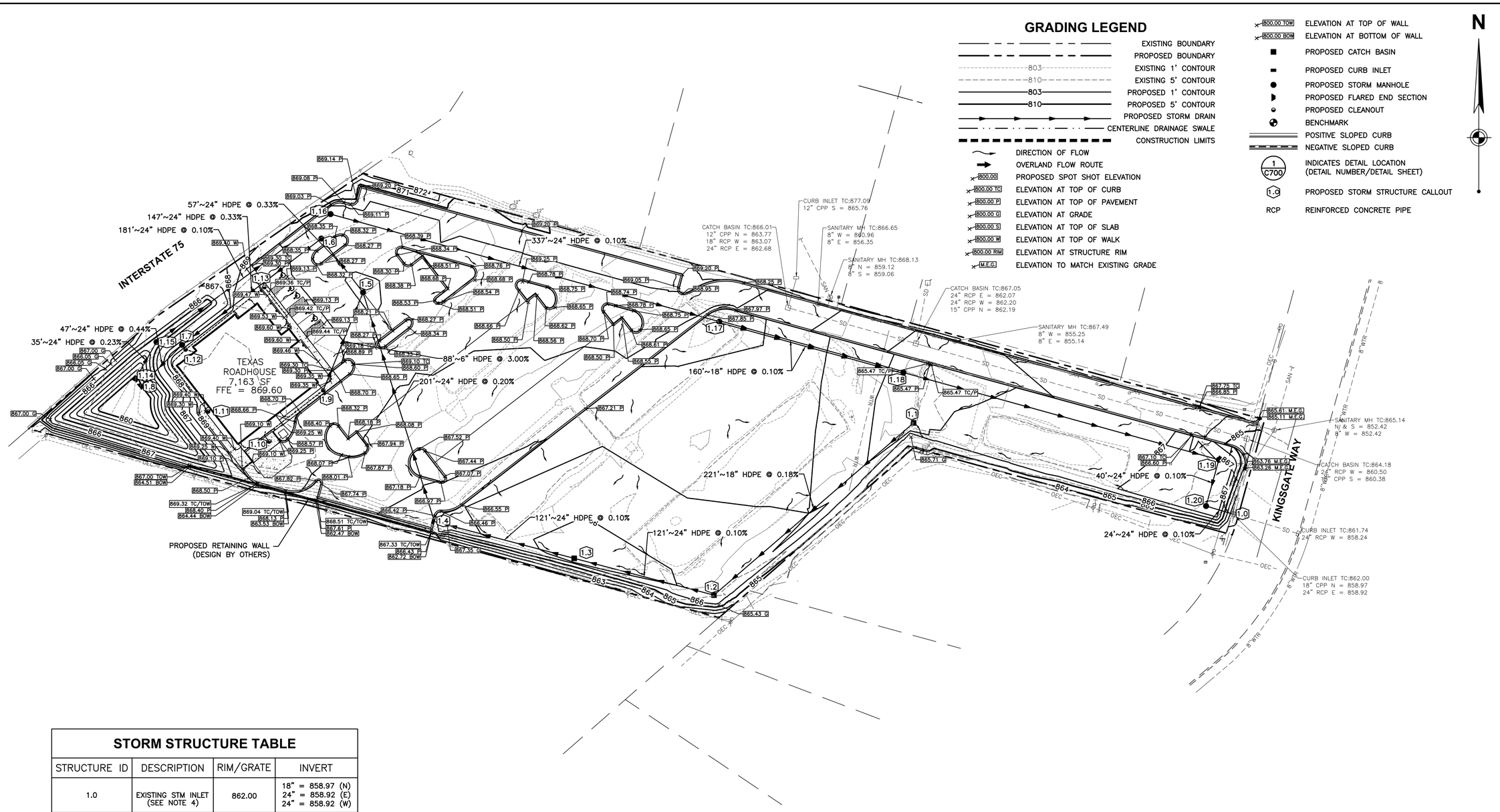


STORM STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	RIM/GRATE	INVERT
1.0	EXISTING STM INLET (SEE NOTE 4)	862.00	18" = 858.97 (N) 24" = 858.92 (E) 24" = 858.92 (W)
1.1	STORM CATCH BASIN WITH BASIN INSERT	865.20	18" = 862.02 (SW)
1.2	STORM CATCH BASIN WITH BASIN INSERT	866.21	18" = 861.62 (NE) 24" = 861.62 (W)
1.3	STORM CATCH BASIN WITH BASIN INSERT	865.41	24" = 861.50 (W) 24" = 861.50 (E)
1.4	OPEN GRATE 48" STORM MH WITH BASIN INSERT	866.90	24" = 861.38 (E) 24" = 861.38 (N)
1.5	OPEN GRATE 72" STORM MH WITH BASIN INSERT	867.80	24" = 860.98 (S) 24" = 860.78 (NW) 6" = 862.00 (S)
1.6	CLOSED GRATE 48" STORM MH	868.47	24" = 860.59 (SE) 24" = 860.59 (SW)
1.7	CLOSED GRATE 48" STORM MH	868.00	24" = 860.11 (NE) 24" = 860.11 (SW) 6" = 862.00 (SE)
1.8	24" F.E.S.		24" = 859.90 (NE)
1.9	RD CLEANOUT	869.27	6" = 864.65 (N) 6" = 866.02 (SW)
1.10	DUMPSTER DRAIN	868.85	6" = 865.31 (NW)
1.11	RD CLEANOUT	869.48	6" = 866.50 (NW)
1.12	RD CLEANOUT	869.30	6" = 862.13 (NW) 6" = 865.78 (SW) 6" = 865.26 (NE)
1.13	RD CLEANOUT	869.40	6" = 866.04 (SE) 6" = 866.04 (SW)
1.14	RATE CONTROL STRUCTURE	866.25	24" = 860.00 (NE)
1.15	CLOSED GRATE 48" STM MANHOLE	864.65	24" = 859.92 (SW) 24" = 859.92 (NE)
1.16	CLOSED GRATE 48" STM MANHOLE	868.82	24" = 859.74 (SW) 24" = 859.74 (E)
1.17	CLOSED GRATE 60" STM MANHOLE	868.24	24" = 859.40 (W) 18" = 859.40 (E) 18" = 859.40 (E)
1.18	CLOSED GRATE 60" STM MANHOLE	865.76	18" = 859.25 (W) 24" = 859.25 (E) 18" = 859.25 (W)
1.19	CLOSED GRATE 48" STM MANHOLE	867.01	24" = 858.98 (W) 24" = 858.98 (S)
1.20	CLOSED GRATE 48" STM MANHOLE	867.40	24" = 858.94 (N) 24" = 858.94 (E)

GRADING NOTES:

1. RIM GRADE AS SHOWN IN TABLE AT CURB INLET STRUCTURES IS THE TOP OF CURB ELEVATION.
2. CONTRACTOR TO EXERCISE CAUTION WHEN PERFORMING WORK IN THE VICINITY OF EXISTING UTILITIES.
3. ALL STORM PIPING SHALL BE HDPE, UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO VERIFY IN FIELD THE ABILITY FOR THE EXISTING STORM INLET TO ACCEPT THE PROPOSED 24" STORM SEWER. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL FINDINGS PRIOR TO CONSTRUCTION.

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.

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0 40 80 120
GRAPHIC SCALE IN FEET

No.	DATE	REVISION
8	12/20/16	STM ADDENDUM
6	11/23/16	PER BCSWD COMMENTS
5	11/02/16	PER BCSWD COMMENTS
4	10/17/16	PER BCSWD COMMENTS
1	08/26/16	BUILDING REVISION
	08/16/16	PER COMMUNITY DEVELOPMENT DIVISION

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

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

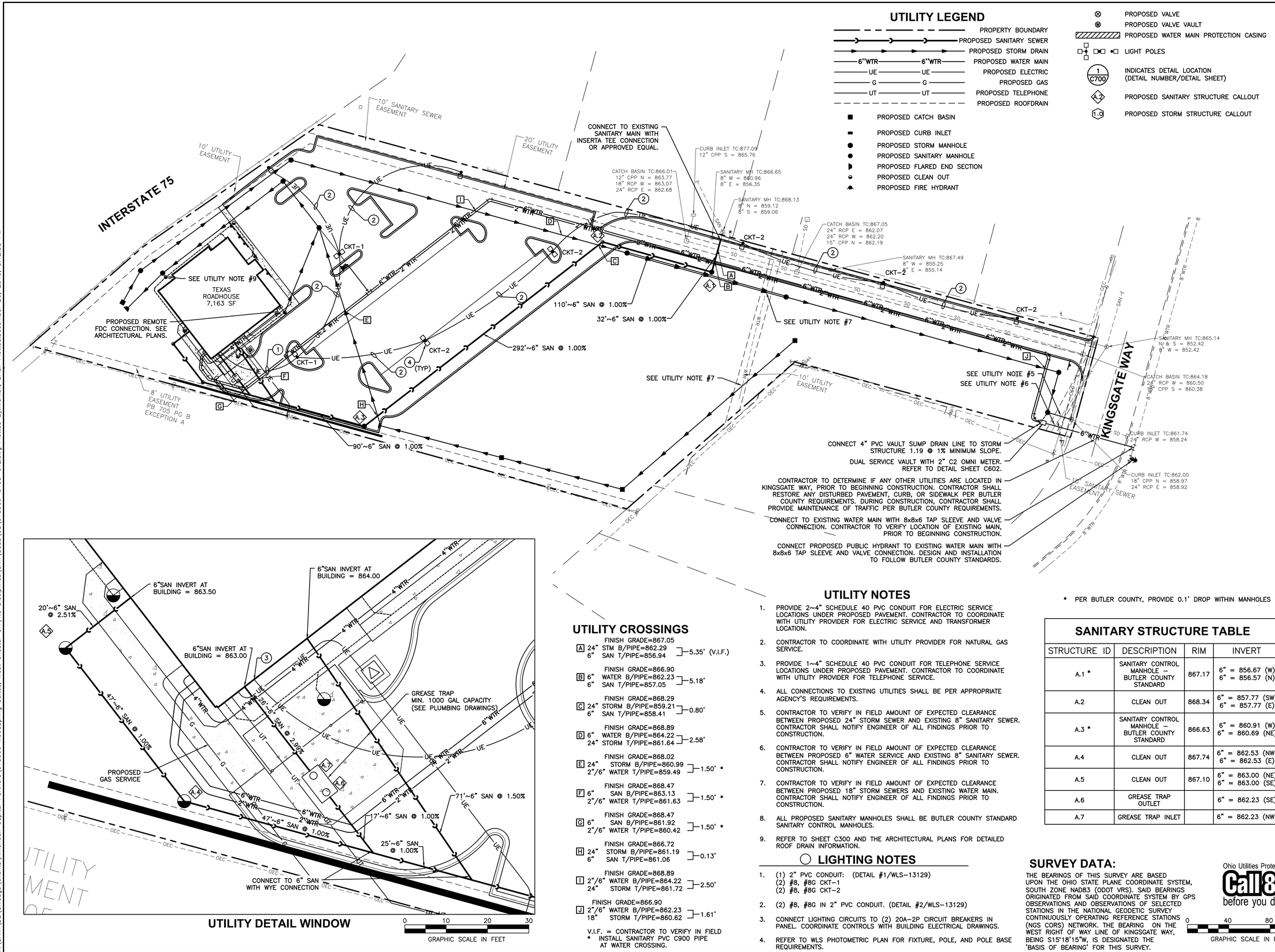
SITE IMPROVEMENT PLANS
TEXAS ROADHOUSE - WEST CHESTER
7313 KINGSGATE WAY
WEST CHESTER TOWNSHIP, BUTLER COUNTY, OHIO

GRADING PLAN

SHEET NO.
C300

SEAL

Layout Tab Name: C300 GRADING PLAN, Images: west chester aerial.jpg; , Xrefs: 075566-TBLK.dwg; 075566-P.dwg; 075566-X.dwg
Last Saved By: wiwaniuk, 12/20/2016 3:31:10 PM
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UTILITY DETAIL WINDOW

GRAPHIC SCALE IN FEET 0 10 20 30

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; 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'
- I — FINISH GRADE=868.89; 2"/6" WATER B/PIPE=864.22; 24" STORM T/PIPE=861.72 — 2.50'
- J — FINISH GRADE=866.90; 2"/6" WATER B/PIPE=862.23; 18" STORM T/PIPE=860.62 — 1.61'

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 6" WATER SERVICE AND EXISTING 8" SANITARY SEWER. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL FINDINGS PRIOR TO CONSTRUCTION.
7. CONTRACTOR TO VERIFY IN FIELD AMOUNT OF EXPECTED CLEARANCE BETWEEN PROPOSED 18" STORM SEWERS AND EXISTING WATER MAIN. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL FINDINGS PRIOR TO CONSTRUCTION.
8. ALL PROPOSED SANITARY MANHOLES SHALL BE BUTLER COUNTY STANDARD SANITARY CONTROL MANHOLES.
9. REFER TO SHEET C300 AND THE ARCHITECTURAL PLANS FOR DETAILED ROOF DRAIN INFORMATION.

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	867.74	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:

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GRAPHIC SCALE IN FEET 0 40 80 120

No.	DATE	REVISION
8	12/20/16	STM ADDENDUM
7	12/13/16	PER BCWSD COMMENTS
6	11/23/16	PER BCSWD COMMENTS
5	11/02/16	PER BCSWD COMMENTS
4	10/17/16	PER BCSWD COMMENTS
	07/25/16	FOR PERMIT REVIEW

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

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

UTILITY PLAN

SHEET NO.
C400

SEAL

Layout Tab Name: C400 UTILITY PLAN, Images: west chester aerial.jpg; , Xrefs: 075566-TBLK.dwg; 075566-P.dwg; 075566-X.dwg
Last Saved By: lwaniuk, 12/20/2016 3:27:26 PM
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