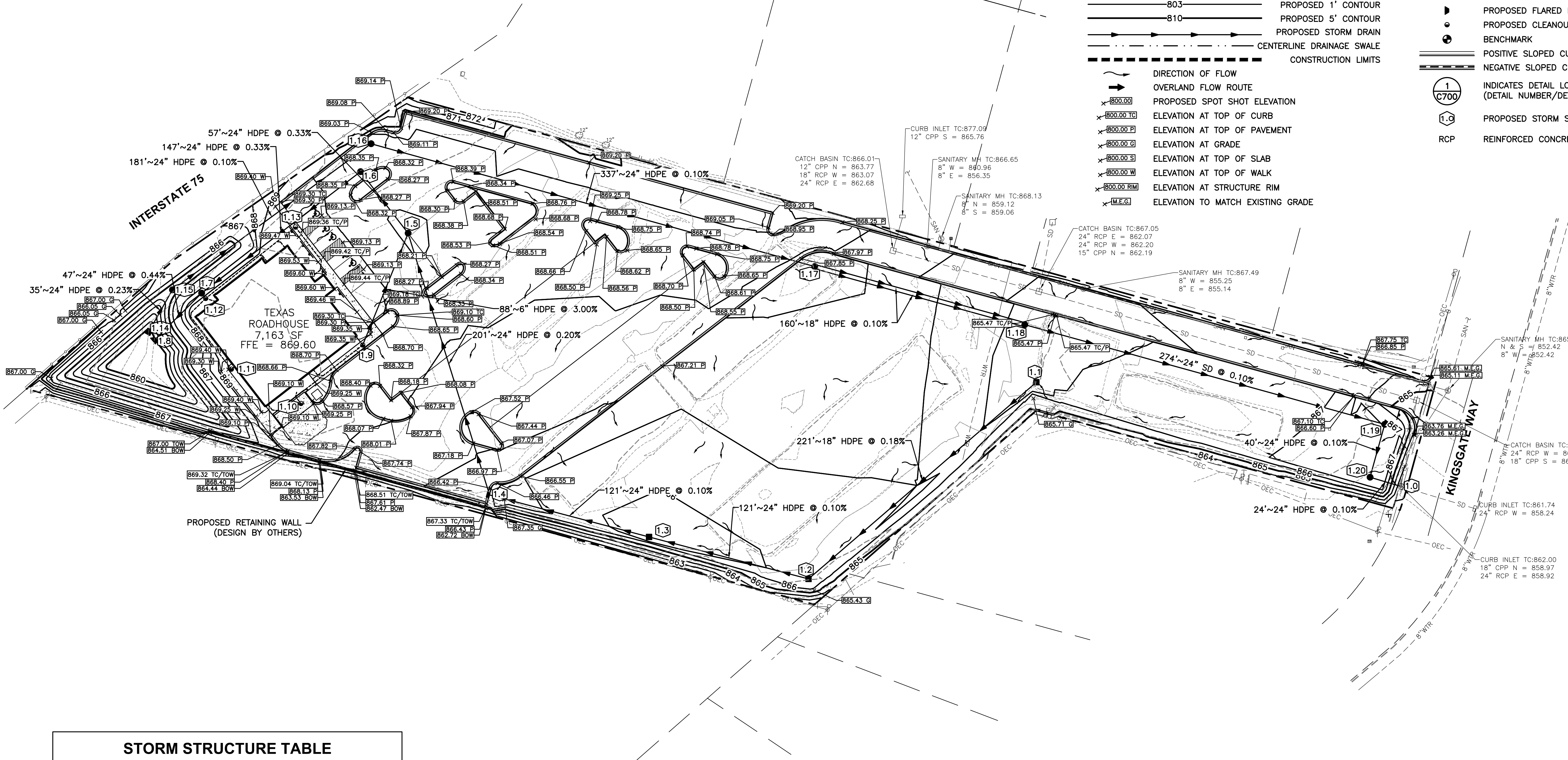


Layout Tab Name: C300 GRADING PLAN, Images: west chester aerial.jpg , Xrefs: 075566-TBLK.dwg; 075566-P.dwg; 075566-X.dwg
Last Saved By:lwaniuk, 12/20/2016 3:31:10 PM
G:\DE\Clients\American Capital Partners\075566 WoodSpring Suites, West Chester, OH\4.0 Disciplines\Civil\Cadd\Cd\075566-C300-GRD.dwg Plotted:January 5, 2017, 3:50:25 PM



GRADING LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- EXISTING 1' CONTOUR
- PROPOSED 1' CONTOUR
- EXISTING 5' CONTOUR
- PROPOSED 5' CONTOUR
- PROPOSED STORM DRAIN
- CENTERLINE DRAINAGE SWALE
- CONSTRUCTION LIMITS
- DIRECTION OF FLOW
- OVERLAND FLOW ROUTE
- PROPOSED SPOT SHOT ELEVATION
- ELEVATION AT TOP OF CURB
- ELEVATION AT TOP OF PAVEMENT
- ELEVATION AT GRADE
- ELEVATION AT TOP OF SLAB
- ELEVATION AT TOP OF WALK
- ELEVATION AT STRUCTURE RIM
- ELEVATION TO MATCH EXISTING GRADE

- ELEVATION AT TOP OF WALL
- ELEVATION AT BOTTOM OF WALL
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEANOUT
- BENCHMARK
- POSITIVE SLOPED CURB
- NEGATIVE SLOPED CURB
- INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- PROPOSED STORM STRUCTURE CALLOUT
- RCP
- REINFORCED CONCRETE PIPE



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)

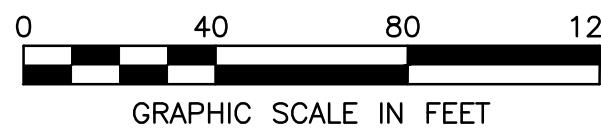
1.11	RD CLEANOUT	869.48	6" = 866.50 (NW)
1.12	RD CLEANOUT	869.30	6" = 862.13 (NW) 6" = 865.78 (SW) 6" = 865.26 (NE)
1.13	RD CLEANOUT	869.40	6" = 866.04 (SE) 6" = 866.04 (SW)
1.14	RATE CONTROL STRUCTURE	866.25	24" = 860.00 (NE)
1.15	CLOSED GRATE 48" STM MANHOLE	864.65	24" = 859.92 (SW) 24" = 859.92 (NE)
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:

- RIM GRADE AS SHOWN IN TABLE AT CURB INLET STRUCTURES IS THE TOP OF CURB ELEVATION.
- CONTRACTOR TO EXERCISE CAUTION WHEN PERFORMING WORK IN THE VICINITY OF EXISTING UTILITIES.
- ALL STORM PIPING SHALL BE HDPE, UNLESS OTHERWISE NOTED.
- 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.



SITE IMPROVEMENT PLANS
TEXAS ROADHOUSE - WEST CHESTER

7313 KINGSGATE WAY
WEST CHESTER TOWNSHIP, BUTLER COUNTY, OHIO

GRADING PLAN

SHEET NO.

C300

4454 Idea Center Blvd
Dayton, OH

45430-1500

937.461.5660

FAX: 937.461.0743

PROJECT No:

075566

DATE

06/15/16

DES.

BI

DR.

BI

CKD.

JG

REVISION

No.

DATE

12/20/16

STM ADDENDUM

8

11/23/16

PER BCSWD COMMENTS

6

11/02/16

PER BCSWD COMMENTS

5

10/17/16

PER BCSWD COMMENTS

4

08/26/16

BUILDING REVISION

1

08/16/16

PER COMMUNITY DEVELOPMENT DIVISION

SEAL