

# SITE DEVELOPMENT PLANS FOR MAIN EVENT ENTERTAINMENT

## CIVIC CENTER BOULEVARD WEST CHESTER, OHIO

### UTILITY AND GOVERNING AGENCY CONTACTS

**ENGINEERING DEPARTMENT**  
BUTLER COUNTY ENGINEER'S OFFICE  
1921 FAIRGROVE AVENUE  
HAMILTON, OH 45011  
TEL: (513) 785-4121  
CONTACT: ERIC POTTENGER

**ROADWAY AUTHORITY**  
WEST CHESTER  
9577 BECKETT ROAD, SUITE 100  
WEST CHESTER, OH 45069  
TEL: (513) 759-7325  
CONTACT: MICHAEL JUENGLING

**SANITARY SEWER SERVICE**  
BUTLER COUNTY WATER AND SEWER  
130 HIGH STREET, 5TH FLOOR  
HAMILTON, OHIO 45011  
TEL: (513) 785-5168  
CONTACT: TIM MCQUEEN

**POWER COMPANY**  
DUKE ENERGY  
(513) 421-9500

**STORM SEWER / EROSION CONTROL**  
BUTLER COUNTY ENGINEER'S OFFICE  
1921 FAIRGROVE AVENUE  
HAMILTON, OH 45011  
TEL: (513) 785-4121  
CONTACT: ERIC POTTENGER

**NATURAL GAS COMPANY**  
DUKE ENERGY  
(513) 421-9500

**WATER SERVICE**  
BUTLER COUNTY WATER AND SEWER  
130 HIGH STREET, 5TH FLOOR  
HAMILTON, OHIO 45011  
TEL: (513) 785-5168  
CONTACT: TIM MCQUEEN

**TELEPHONE**  
CINCINNATI BELL  
(513) 565-6090

### PROJECT TEAM

**OWNER**  
MAIN EVENT ENTERTAINMENT  
6700 PINECREST DRIVE, SUITE 400  
PLANO, TX 75024  
TEL: (469) 443-7116

**CIVIL ENGINEER**  
KIMLEY-HORN AND ASSOCIATES, INC.  
600 EAST 96TH STREET, SUITE 460  
INDIANAPOLIS, INDIANA 46240  
TEL: (317) 218-9560  
CONTACT: BILL BUTZ

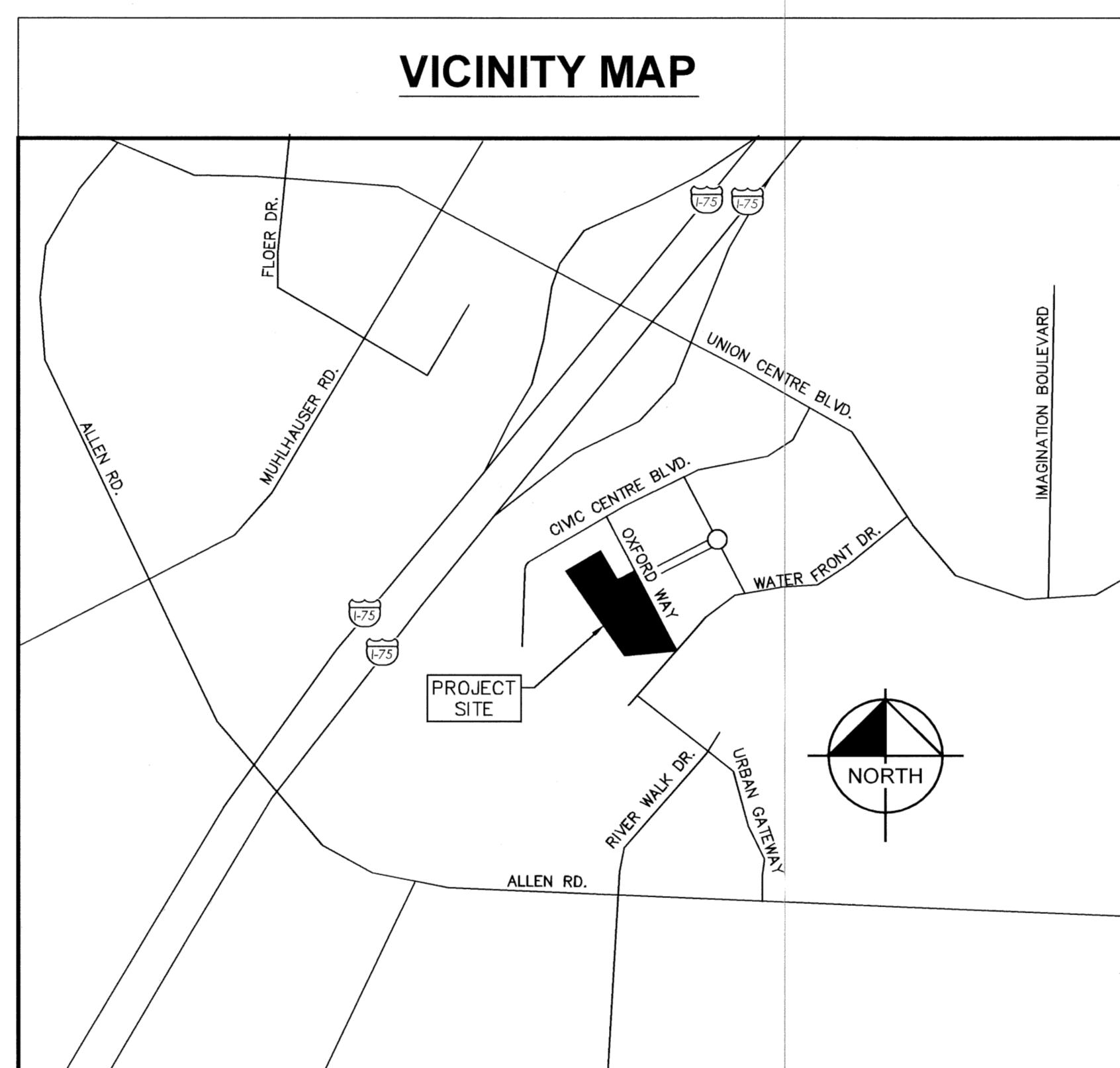
**DEVELOPER**  
FOREMARK REAL ESTATE SERVICES, LTD.  
8235 DOUGLAS AVENUE, SUITE 945  
DALLAS, TEXAS 75225  
TEL: (214) 561-6522  
CONTACT: GEORGE CLARK

**ARCHITECT**  
HODGES & ASSOCIATES  
13642 OMEGA  
DALLAS, TX 75244  
TEL: (972) 387-1000  
CONTACT: MICHAEL THOMPSON

**LANDSCAPE ARCHITECT**  
BELLE FIRMA  
4245 NORTH CENTRAL EXPY, SUITE 501  
DALLAS, TEXAS 75205  
TEL: (214) 865-7192  
CONTACT: KORI HAUG

**SURVEYOR**  
BERDING SURVEYING  
741 MAIN STREET  
MILFORD, OHIO 45150  
TEL: (513) 942-9420  
CONTACT: GERRY BERDING

**GEOTECH**  
PSI, INC.  
7841 PALACE DRIVE  
CINCINNATI, OH 45249  
TEL: (513) 489-1460  
CONTACT: RALPH M. O'QUINN, P.E.



### BENCHMARK

**SITE BENCHMARK:**  
(LOCATION SHOWN ON SURVEY)  
TBM #1 CROSS NOTCH IN SIDEWALK, WEST SIDE OF  
OXFORD WAY.  
ELEVATION= 611.47 (BASED ON ODOT'S VRS NETWORK)

Ohio Utilities Protection Service  
**Call 811**  
before you dig

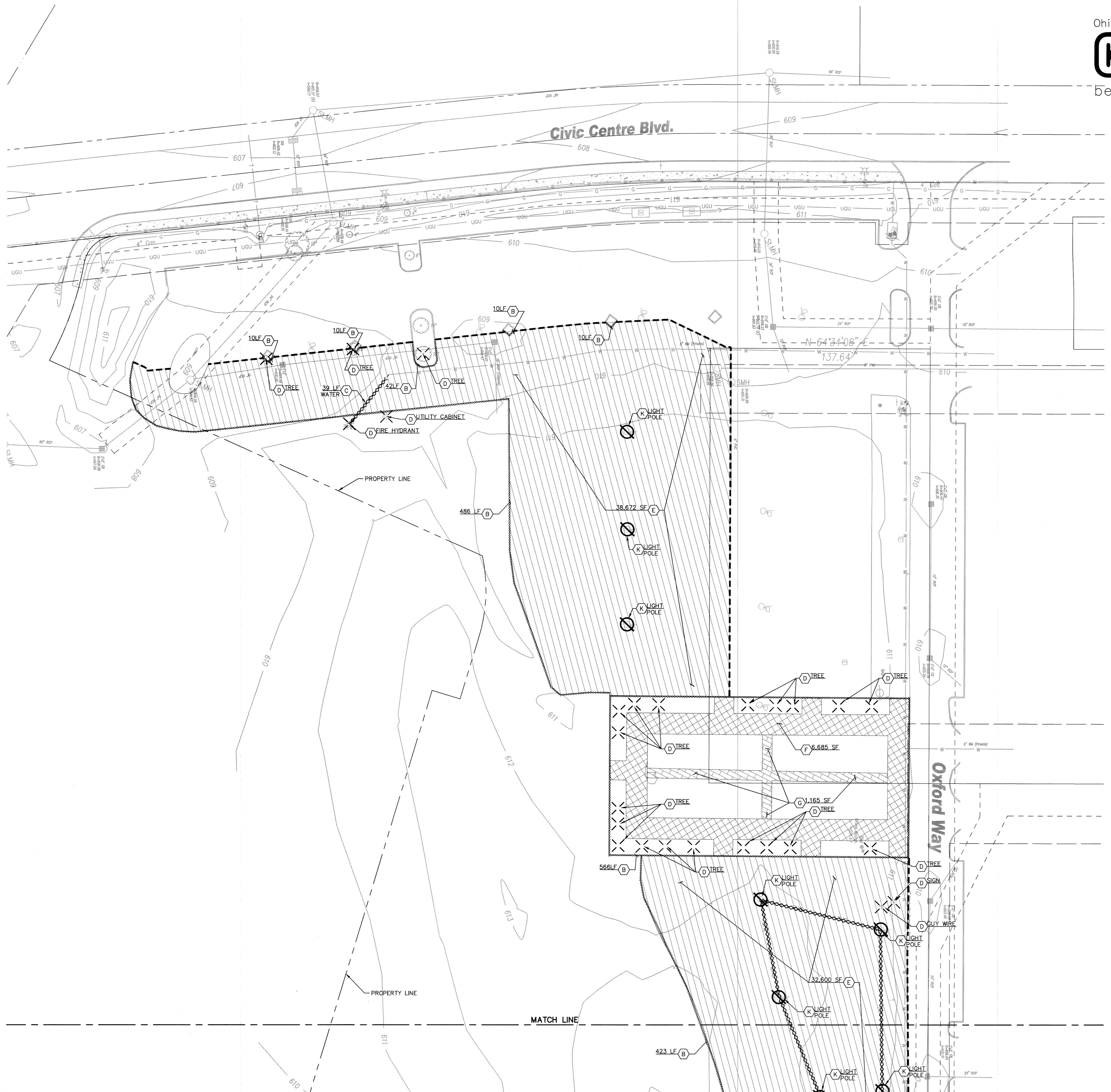
I, WILLIAM A. BUTZ, JR., A LICENSED PROFESSIONAL ENGINEER OF OHIO, HEREBY CERTIFY THAT THIS SUBMISSION, PERTAINING ONLY TO THE "C" SERIES CIVIL SHEETS LISTED ABOVE, WAS PREPARED ON BEHALF OF MAIN EVENT BY KIMLEY-HORN AND ASSOCIATES, INC. UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS 20TH DAY OF MAY, 2015.

OHIO LICENSED PROFESSIONAL ENGINEER E-79758  
MY LICENSE EXPIRES ON DECEMBER 31, 2015

0		WEST CHESTER SUBMITTAL #1	05/20/15 WAB
▲		ADDENDUM #1	07/22/15 WAB
COVER		C 2015	
COVER		STATE OF OHIO WILLIAM A. BUTZ, JR. E-79758 PROFESSIONAL ENGINEER REGISTERED BY	
MAIN EVENT WEST CHESTER		600 EAST 96TH STREET, SUITE 460 INDIANAPOLIS, INDIANA 46240 PHONE: 317-218-9560 WWW.KIMLEY-HORN.COM	
MAIN EVENT WEST CHESTER		SHEET NUMBER C0.0	
RECEIVED AUG 13 2015 BY:			
MAIN EVENT WEST CHESTER		MAIN EVENT ENTERTAINMENT CIVIC CENTER BLVD., WEST CHESTER, OH	
MAIN EVENT WEST CHESTER		6652 PINECREST DR., SUITE 100, PLANO, TX 75024	





Ohio Utilities Protection Service

**Call 811**  
before you dig



GRAPHIC SCALE IN FEET  
0 15 30 60

DEMOLITION LEGEND	
A	ITEM TO REMAIN, PROTECT DURING CONSTRUCTION
B	CURB REMOVAL
C	UTILITY REMOVAL
D	ITEM TO BE REMOVED
E	FULL-DEPTH ASPHALT PAVEMENT REMOVAL
F	CONCRETE PAVING/SIDEWALK REMOVAL
G	PAVER REMOVAL
H	SAW CUT LINE
I	FENCE REMOVAL
J	ITEM TO BE RELOCATED
K	LIGHT POLE TO BE REMOVED

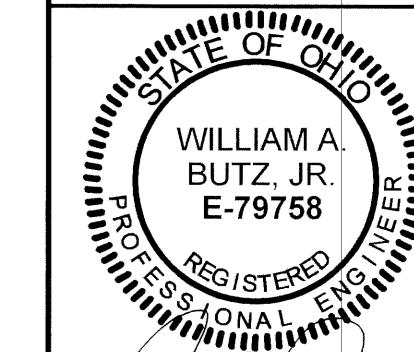
#### GENERAL DEMOLITION NOTES

- EROSION CONTROL MUST BE ESTABLISHED PRIOR TO ANY WORK ON SITE INCLUDING DEMOLITION. REFER TO SHEET C4.0.
- REFER TO LANDSCAPE PLAN FOR ADDITIONAL DEMOLITION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- IF DEMOLITION OR CONSTRUCTION ON SITE WILL INTERFERE WITH THE ADJACENT PROPERTY OWNER'S TRAFFIC FLOW, THE CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNERS TO MINIMIZE THE IMPACT ON TRAFFIC FLOW. TEMPORARY RE-ROUTING OF TRAFFIC IS TO BE ACCOMPLISHED BY USING DOT APPROVED TRAFFIC BARRICADES, BARRELS, AND/OR CONES. TEMPORARY SIGNAGE AND FLAGMEN MAY BE ALSO NECESSARY.
- CONTRACTOR SHALL NOT DEMOLISH ANYTHING OUTSIDE THE PROPERTY LINE UNLESS SPECIFICALLY MENTIONED ON THIS SHEET.
- QUANTITIES DEPICTED ON THIS SHEET SHALL SERVE AS A GUIDE ONLY. CONTRACTOR TO VERIFY ALL DEMOLITION QUANTITIES.

#### SUBSURFACE CONDITION NOTES:

- THE SUBSURFACE CONDITIONS AT THE SITE WERE EXPLORED WITH A TOTAL OF SEVEN (7) SOIL TEST BORINGS, INCLUDING FOUR (4) TEST BORINGS DRILLED FOR THE PROPOSED BUILDING STRUCTURE AND THREE (3) TEST BORING FOR THE PROPOSED PAVEMENT AREAS. THE PROPOSED TEST BORINGS WERE DRILLED TO DEPTHS OF ABOUT 5' TO 20 FEET EACH BELOW THE EXISTING SURFACE GRADES. THE APPROPRIATE BORING LOCATIONS ARE SHOWN ON THE DEMOLITION PLAN PRESENTED IN THE APPENDIX OF THE GEOTECHNICAL REPORT. THE NUMBER OF TEST BORINGS WAS SELECTED AND FIELD LOCATED BY REPRESENTATIVES OF TERRACON.
- THE BORINGS WERE ADVANCED UTILIZING 3/4 INCH INSIDE DIAMETER, HOLLOW-STEM AUGER DRILLING METHODS. SOIL SAMPLES WERE ROUTINELY OBTAINED DURING THE DRILLING PROCESS. SELECTED SOIL SAMPLES WERE LATER TESTED IN THE LABORATORY TO OBTAIN SOIL MATERIAL PROPERTIES FOR THE FOUNDATION, FLOOR SLAB AND PAVEMENT RECOMMENDATIONS. DRILLING, SAMPLING, AND LABORATORY TESTING WAS ACCOMPLISHED IN GENERAL ACCORDANCE WITH ASTM PROCEDURES.
- THE TYPES OF SUBSURFACE MATERIALS ENCOUNTERED IN THE TEST BORINGS HAVE BEEN VISUALLY CLASSIFIED. THE RESULTS OF THE VISUAL CLASSIFICATIONS, STANDARD PENETRATION TESTS, MOISTURE CONTENTS AND WATER LEVELS OBTAINED DURING THE DRILLING PROCESS ARE PROVIDED IN THE APPENDIX OF THE GEOTECHNICAL REPORT. REPRESENTATIVE SAMPLES OF THE SOILS WERE PLACED IN SAMPLE JARS, AND ARE NOW STORED IN THE LABORATORY FOR FURTHER ANALYSIS, IF REQUESTED. UNLESS NOTIFIED TO THE CONTRARY, ALL SAMPLES WILL BE DISPOSED OF AFTER 60 DAYS FOLLOWING THE DATE OF THE GEOTECHNICAL REPORT.
- THE SURFACE OF THE SITE AT ALL TEST BORING LOCATIONS WAS COVERED WITH 4 INCHES OF ASPHALT PAVEMENT AND APPROXIMATELY 20 INCHES OF GRANULAR BASE. IN CONJUNCTION WITH THE DEMOLITION OPERATIONS, EXISTING TOPSOIL SHOULD BE STRIPPED FROM PROPOSED PAVEMENT AREAS THAT EXTEND OUTSIDE OF THE EXISTING PAVEMENT LIMITS. THE THICKNESS OF TOPSOIL MATERIALS SHOULD BE EXPECTED TO VARY THROUGHOUT THE CONSTRUCTION AREA.
- BELLOW THE ASPHALT AND GRANULAR BASE, FILL MATERIAL WAS ENCOUNTERED IN ALL TEST BORING LOCATIONS EXTENDING TO A DEPTH OF APPROXIMATELY 16 FEET BELOW THE SURFACE ELEVATION. THE FILL MATERIAL CONSISTED OF LEAN CLAY CONTAINING VARYING DEGREES OF SAND AND GRAVEL AND A STIFF TO VERY STIFF DENSITY, BASED ON THE STANDARD PENETRATION TESTS.
- THE AREA'S BOTTOMMOST FORMATION CONSISTED OF NATIVE SOILS TO AN UNDETERMINED DEPTH. THE NATIVE SOILS CONSISTED OF A STRATA OF SILTY SAND, SMOOTH CLAY AND SANDY SILTY CLAY.
- THE SUBSURFACE DESCRIPTION IS OF A GENERALIZED NATURE PROVIDED TO HIGHLIGHT THE MAJOR STRATA ENCOUNTERED. THE LOGS INCLUDED IN THE APPENDIX SHOULD BE REFERRED FOR SPECIFIC INFORMATION. THE INDIVIDUAL BORING LOCATIONS THAT ARE SHOWN ON THE BORING LOGS REPRESENT THE CONDITIONS ONLY AT THE ACTUAL TEST POSITIONS. VARIATIONS MAY OCCUR AND SHOULD BE EXPECTED BETWEEN THE BORING LOCATIONS. THE STRATIFICATIONS REPRESENT THE APPROXIMATE BOUNDARY BETWEEN THE SUBSURFACE MATERIALS, AND THE TRANSITION MAY BE GRADUAL OR NOT CLEARLY DEFINED.
- GROUNDWATER WAS NOT NOTED DURING AND IMMEDIATELY AFTER DRILLING OPERATIONS. NOTE THAT GROUNDWATER LEVELS FLUCTUATE SEASONALLY AS A FUNCTION OF PRECIPITATION. DURING A TIME OF YEAR OR WEATHER DIFFERENT FROM THE TIME OF DRILLING, THERE MAY BE A CONSIDERABLE CHANGE IN THE WATER TABLE. DUE TO THE NATURE OF THE TEST BORINGS, BORING LOGS OBTAINED ARE NOT REPRESENTATIVE OF THE ACTUAL GROUNDWATER LEVEL. BECAUSE THE BORINGHOLES REMAIN OPEN FOR A RELATIVELY SHORT TIME, THEREFORE, WE RECOMMEND THAT THE CONTRACTOR DETERMINE THE ACTUAL GROUNDWATER LEVELS AT THE TIME OF CONSTRUCTION TO EVALUATE GROUNDWATER IMPACT ON THE CONSTRUCTION PROCEDURES.
- REFER TO GEOTECHNICAL REPORT BY PSI, INC., DATED JANUARY 23, 2015, PSI PROJECT NUMBER 011765 FOR ALL SUBSURFACE INFORMATION.

**Kimley»Horn**



WILLIAM A.  
BUTZ, JR.  
E-79758  
REGISTERED  
PROFESSIONAL  
ENGINEER

**DEMO PLAN**

**MAIN EVENT  
WEST CHESTER**

CIVIC CENTER BLVD., WEST CHESTER, OH

MAIN EVENT ENTERTAINMENT  
6652 PINCREST DR., SUITE 100, PLANO, TX 75024

**SHEET NUMBER  
C2.0**

0	WEST CHESTER SUBMITTAL #1	05/22/15 WAB
△	ADDENDUM #1	07/22/15 WAB

0	WEST CHESTER SUBMITTAL #1	05/22/15 WAB
△	ADDENDUM #1	07/22/15 WAB

REVISIONS

DATE

BY

pliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

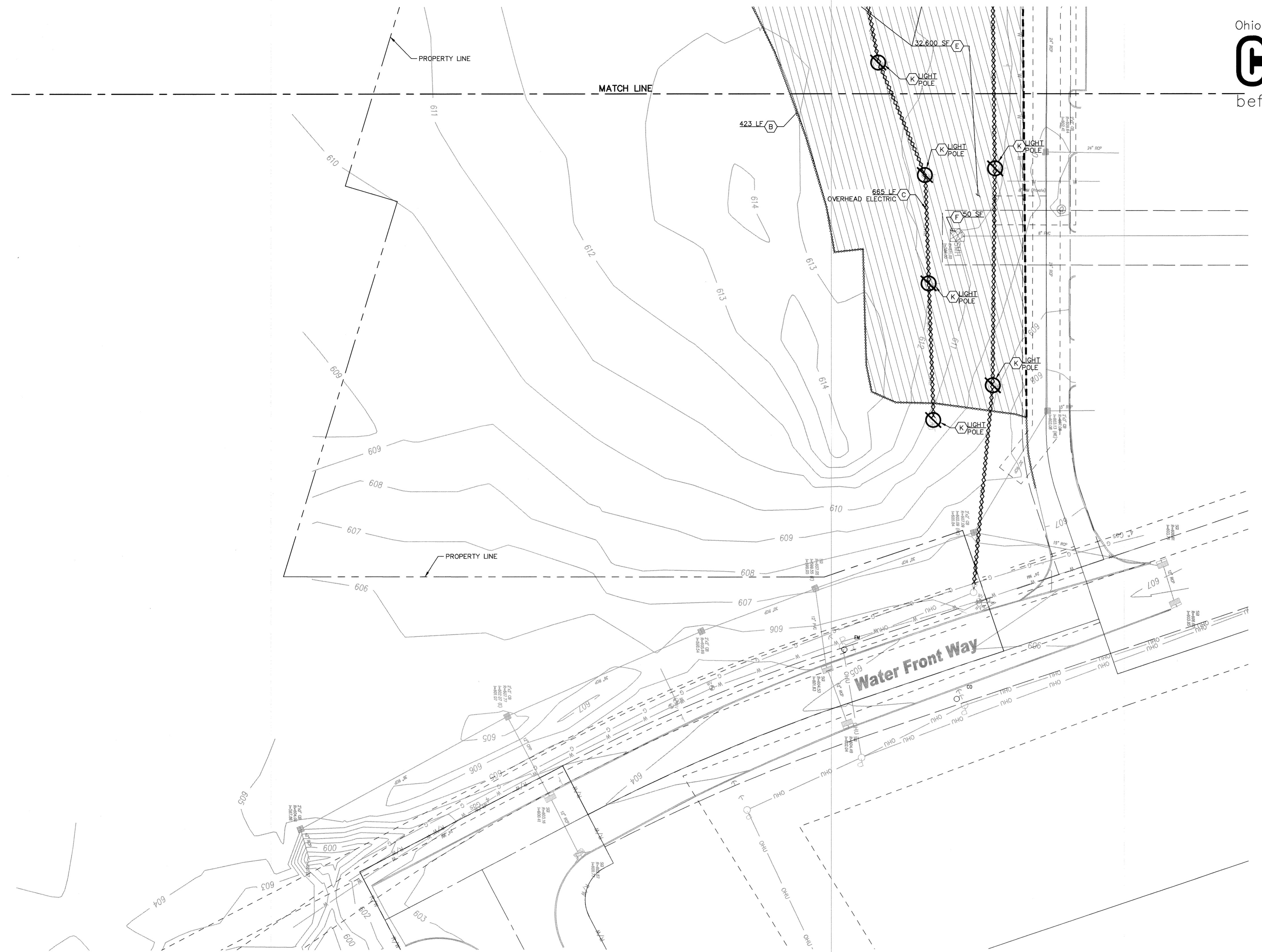
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ment of service, is intended only for the s

designs presented herein, as an instr

This document, together with the concepts and



Ohio Utilities Protection Service

# Call 811





A graphic scale in feet, marked at 15, 30, and 60. The scale is represented by a horizontal line with tick marks. The first tick mark is at 15, the second at 30, and the third at 60. The distance between 15 and 30 is equal to the distance between 30 and 60.

## DEMOLITION LEGEND

- A ITEM TO REMAIN, PROTECT DURING CONSTRUCTION
- B  CURB REMOVAL
- C  UTILITY REMOVAL
- D  ITEM TO BE REMOVED
- E  FULL-DEPTH ASPHALT PAVEMENT REMOVAL
- F  CONCRETE PAVING/SIDEWALK REMOVAL
- G  PAVER REMOVAL
- H  SAWCUT LINE
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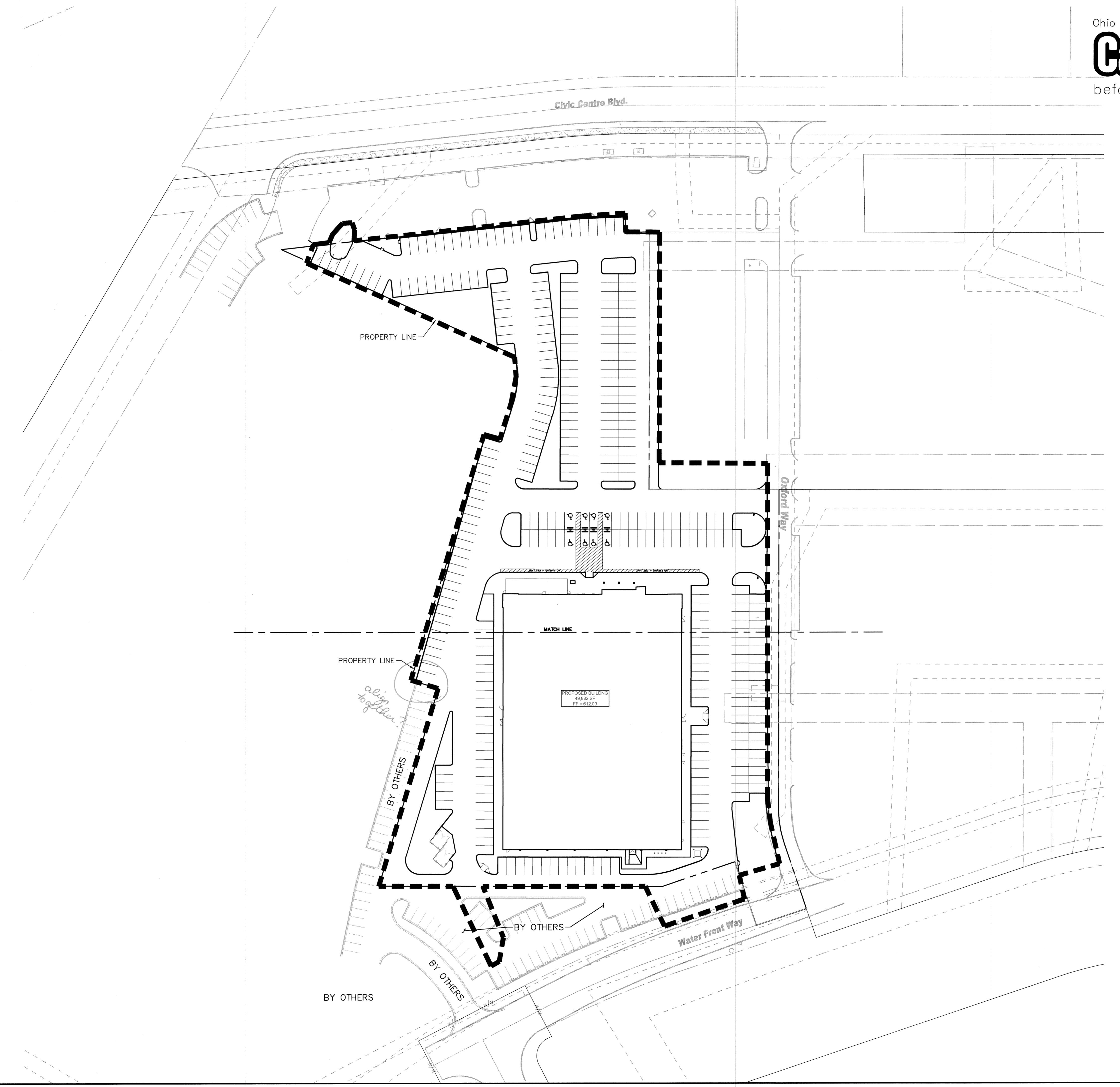
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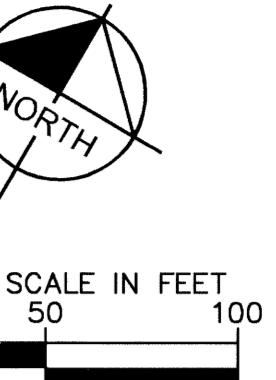
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# MAIN EVENT WEST CHESTER

1 CIVIC M



Ohio Utilities Protection Service  
**Call 811**  
before you dig



NOTE: CONSTRUCTION ON THE PARKING AND SITE SOUTH AND WEST OF THE MAIN EVENT SITE MAY BE UNDER CONCURRENT CONTRACT. MAIN EVENT CONTRACTOR TO COORDINATE ALL UTILITY INSTALLATION, GRADING, PAVING, AND OTHER CONSTRUCTION ACTIVITIES WITH THE ADJACENT CONTRACTOR. IN THE EVENT A DISCREPANCY BETWEEN THE PLANS IS FOUND, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY.

LEGAL DESCRIPTION:  
LOT 93 OF THE STREETS OF WEST CHESTER REPLAT OF LOTS 10 & 12 PREPARED BY THE KLEINGERS GROUP.

LOT AREA CALCULATION:  
LOT AREA = 213,079 SF  
OPEN SPACE REQD = 25% (53,270 SF)  
VARIANCE RECEIVED = 10% (21,308 SF)  
OPEN SPACE PROVIDED = 10% (21,329 SF)

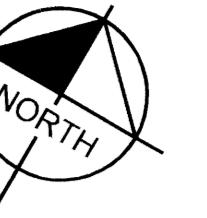
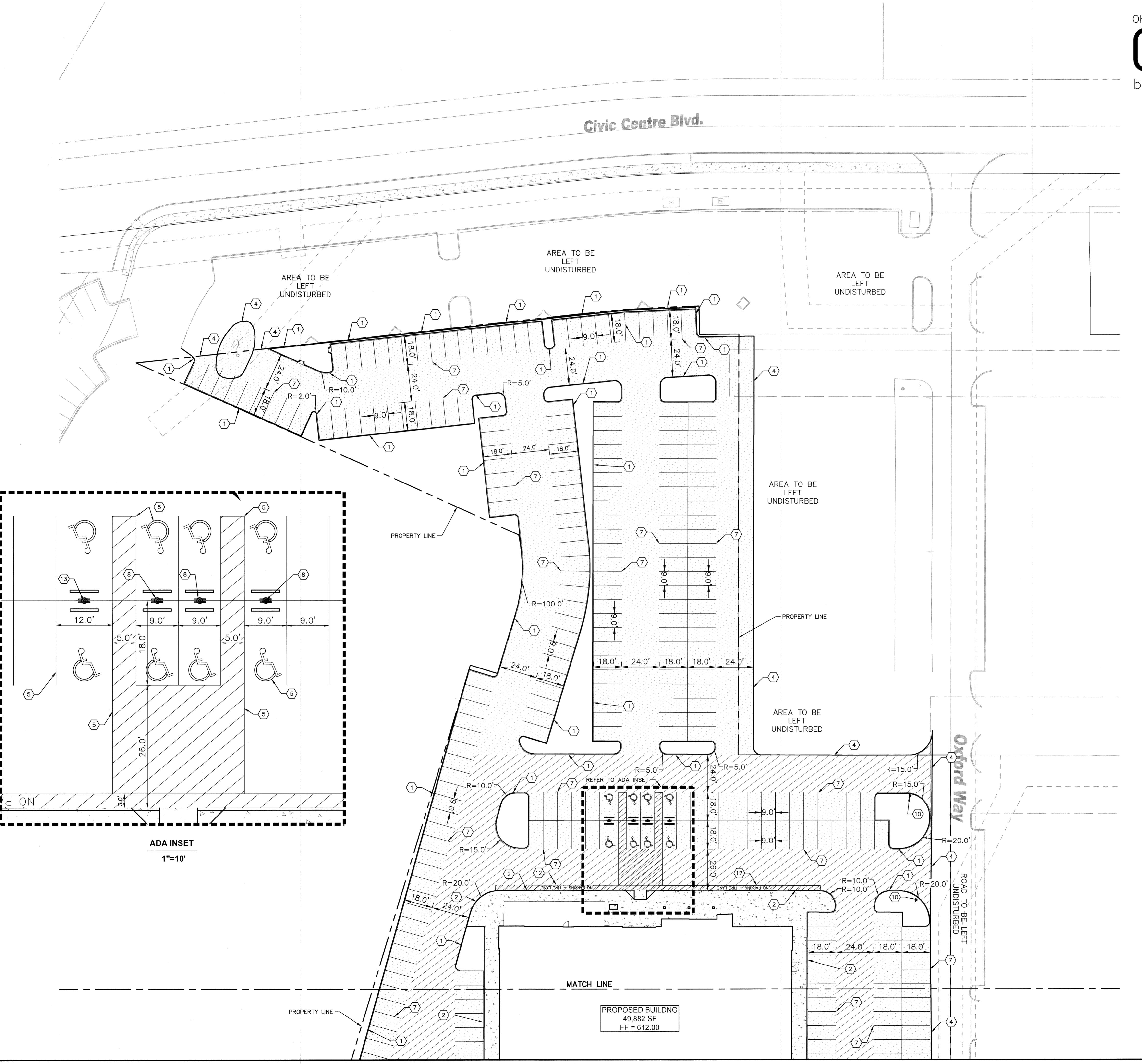
## MAIN EVENT WEST CHESTER

CIVIC CENTER BLVD., WEST CHESTER, OH  
MAIN EVENT ENTERTAINMENT  
6652 PINECREST DR., SUITE 100, PLANO, TX 75024

SHEET NUMBER  
**C3.0**

## Kimley»Horn

0	WEST CHESTER SUBMITTAL #1	05/20/15 WAB
△	ADDENDUM #1	07/22/15 WAB
No. _____		REVISIONS
DATE		BY
© 2015 Kimley-Horn, Inc.		
600 EAST 96TH STREET, SUITE 460 INDIANAPOLIS, INDIANA 46240 PHONE: 317-218-9550 WWW.KIMLEY-HORN.COM		



before you dig

PHIC SCALE IN FEET  
15 30 60

# PAVING AND CURB LEGEND

NDARD CONCRETE CURB, TYP. (SEE DETAILS)

MBINED CURB AND SIDEWALK, TYP.

MP, TYP. (SEE DETAILS)

NECT TO PAVEMENT, SIDEWALK, CURB, PROVIDE BUTT JOINT AT PAVEMENT  
NNNECTION (SEE DETAILS)

CESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)

CTRIC TRANSFORMER PAD (PER UTILITY REQUIREMENTS)

WIDE PAINTED SOLID LINE, TYP. (WHITE)

CESSIBLE PARKING SIGN, TYP. (SEE DETAILS)

MPSTER ENCLOSURE (SEE ARCH PLANS)

OP SIGN (SEE DETAIL)

WIDE PAINTED SOLID LINE, TYP. (YELLOW)

NTED 'FIRELANE' LETTERS (YELLOW)

ACCESSIBLE PARKING SIGN, TYP. (SEE DETAILS)

IT USED

 CONCRETE PAVEMENT/SIDEWALK  
(SEE DETAILS)

 HEAVY DUTY ASPHALT PAVEMENT  
(SEE DETAILS)

 STANDARD DUTY ASPHALT PAVEMENT  
(SEE DETAILS)

## THE DATA TABLE

<b>GENERAL SITE DATA</b>	
ZONING	CBD-CENTRAL BUSINESS DISTRICT
EXISTING LAND USE	VACANT
PROPOSED LAND USE	COMMERCIAL
TOTAL LAND AREA	4.82 ACRES
DISTURBED AREA	±5.2 ACRES
BUILDING SQUARE FOOTAGE	49,882 SF
FRONT YARD BLDG SETBACK	50 FEET
SIDE YARD BLDG SETBACK	15 FEET
REAR YARD BLDG SETBACK	35 FEET
FRONT YARD PARKING LOT SETBACK	25 FEET (FROM R/W)
SIDE/REAR YARD PARKING LOT SETBACK	4 FEET (INTERIOR LOT LINES)
SIDE/REAR YARD PARKING LOT SETBACK	0 FEET (NEXT TO ACCESS ESMT.)
<b>PARKING DATA</b>	
PARKING REQUIRED PER CITY COMMERCIAL ZONING	1 SPACE PER 200 SF
TOTAL SPACES REQUIRED	250 SPACES
TOTAL SPACES PROVIDED	346 SPACES

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## GENERAL NOTES:

ALL CURB RADII ARE 3' UNLESS OTHERWISE NOTED.

ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

REFER TO ARCHITECTURAL PLANS FOR SIGN DETAILS. SEE MEP PLANS FOR SITE ELECTRICAL DRAWINGS.

REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.

IF DEMOLITION OR CONSTRUCTION ON SITE WILL INTERFERE WITH ADJACENT PROPERTY OWNER'S TRAFFIC FLOW, THE CONTRACTOR SHALL COORDINATE WITH THE ADJACENT PROPERTY OWNER, TO MINIMIZE THE IMPACT ON TRAFFIC FLOW. TEMPORARY RE-ROUTING OF TRAFFIC IS TO BE ACCOMPLISHED BY USING DOT-APPROVED TRAFFIC BARRICADES, BARRELS, AND/OR CONES. TEMPORARY SIGNAGE AND FLAGMEN MAY BE ALSO NECESSARY.

## WING NOTES:

EXPANSION JOINTS SHOULD BE USED WHEREVER THE PAVEMENT WILL ABUT A STRUCTURAL ELEMENT SUBJECT TO DIFFERENT MAGNITUDE OF MOVEMENT, E.G., LIGHT POLES, RETAINING WALLS, EXISTING PAVEMENT, STAIRWAYS, ENTRYWAY PIERS, BUILDING WALLS, MANHOLES.

WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE / INVERTED GUTTER PITCH

NOTE:  
D AND FLOOR SURFACES ALONG  
ISIBLE ROUTES AND IN ACCESSIBLE  
AND SPACES INCLUDING FLOORS,  
RAMPS, STAIRS, AND CURB RAMPS,  
BE STABLE, FIRM, SLIP-RESISTANT,  
HALL COMPLY WITH SECTION 4.5 OF  
DAAG STANDARDS.

## ADJACENT ZONING

THE PROPERTY LOCATION	
EXISTING SITE	CBD - COMMERCIAL BUSINESS
PROPOSED SITE	CBD - COMMERCIAL BUSINESS
NORTH	CBD - COMMERCIAL BUSINESS
SOUTH	CBD - COMMERCIAL BUSINESS
EAST	CBD - COMMERCIAL BUSINESS
WEST	CBD - COMMERCIAL BUSINESS

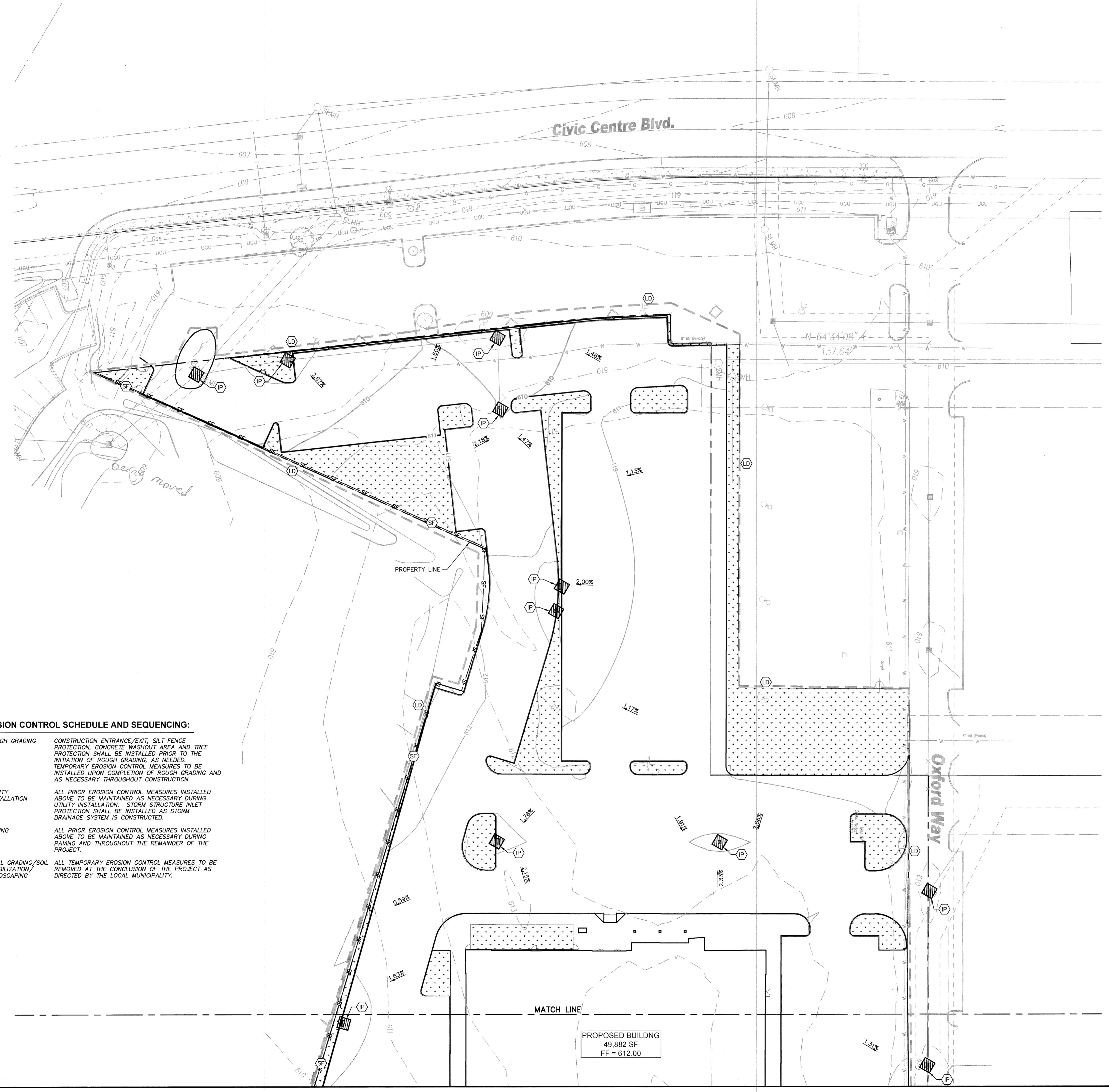
# MAIN EVENT WEST CHESTER

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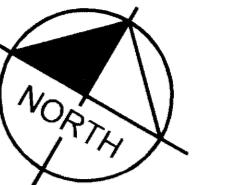
C CENTER BLVD., WEST CHESTER, OH

SHEET NUMBER  
**C3.1**

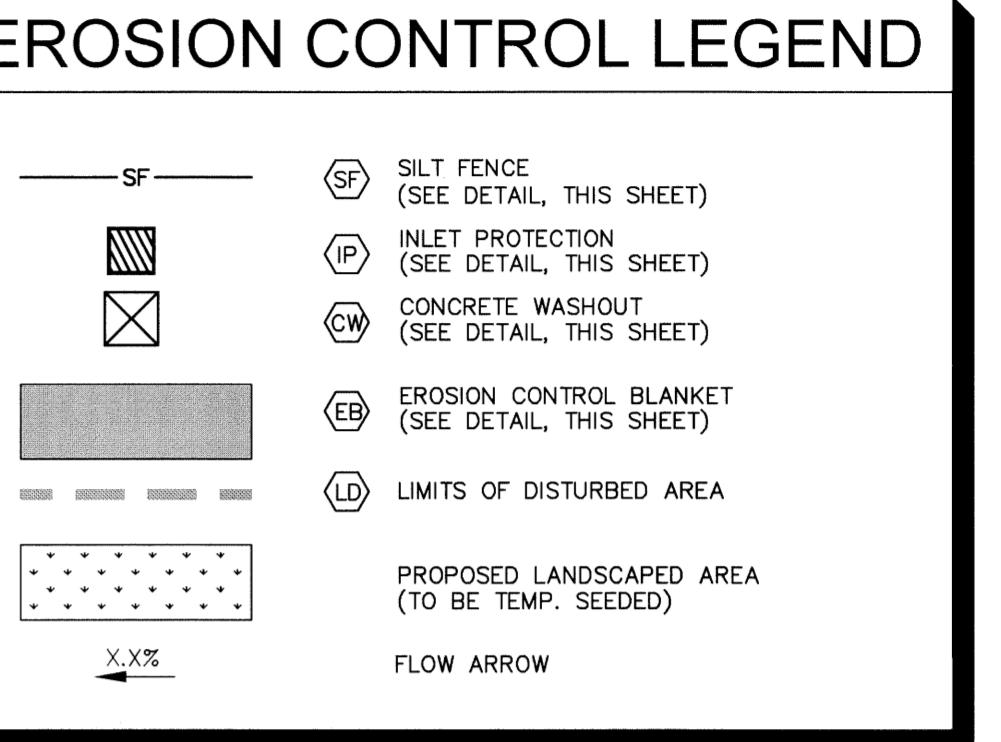




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GRAPHIC SCALE IN FEET  
0 15 30 60



**EROSION CONTROL NOTES**

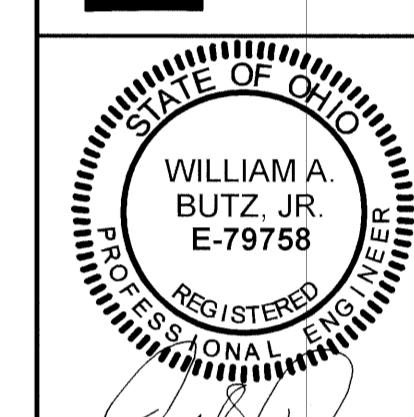
**SITE GENERAL NOTES**

- CONSTRUCTION ENTRANCE SHALL BE LOCATED SO AS TO PROVIDE THE LEAST AMOUNT OF DISTURBANCE TO THE FLOW OF TRAFFIC IN AND OUT OF THE SITE. ADDITIONALLY, CONSTRUCTION ENTRANCE SHALL BE LOCATED TO COINCIDE WITH THE PHASING OF THE PAVEMENT REPLACEMENT.
- TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AS THE PROJECT PROGRESSES DURING THE CONSTRUCTION PHASE. FOR EXAMPLE, PARAMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRAVING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION ATTAINED. CONTRACTOR SHALL ALSO REFER TO CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDINGS, AND SITE PAVING.
- BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE: SILT FENCES LOCATED AT TOE OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF.

**TEMPORARY EROSION CONTROL NOTES**

- THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
- ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE ENVIRONMENTAL ENGINEER, ENVIRONMENTAL SPECIALIST, OR ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE PLANNING AND DEVELOPMENT DEPARTMENT AND THE DRAINAGE UTILITY DEPARTMENT. MINOR CHANGES OR ADDITIONAL CONTROL MEASURES TO BE MADE AS FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PLACE EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S150BN OR APPROVED EQUAL) ON ALL SITE AREAS WITH SLOPES GREATER THAN 4:1, AND ON THE BOTTOM AND SIDE SLOPES OF ALL SWALES.
- PRIOR TO FINAL ACCEPTANCE, HAUL ROADS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVETTED. ALL LAND CLEARING SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
- PERMANENT, FINAL PLANT COVERING OR STRUCTURES SHALL BE INSTALLED PRIOR TO FINAL ACCEPTANCE.
- ALL CONTROL DEVICES THAT FUNCTION SIMILARLY TO SILT FENCE OR FIBER ROLLS MUST BE REPAIRED, REPLACED OR SUPPLEMENTED WITH EFFECTIVE CONTROLS WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES ONE-THIRD THE HEIGHT OF THE DEVICE. THESE REPAIRS MUST BE MADE WITHIN 24 HOURS OF THE RAINFALL EVENT OR AS SOON AS FIELD CONDITIONS ALLOW FENCE.
- ALL SEDIMENT DELTAS AND DEPOSITS MUST BE REMOVED FROM SURFACE WATERS, DRAINAGE WAYS, CATCH BASINS AND OTHER DRAINAGE SYSTEMS. ALL AREAS WHERE SEDIMENT REMOVAL RESULTED IN EXPOSED SOIL MUST BE RESTABILIZED. THE REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN SEVEN (7) DAYS AFTER THE EVENT, UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. ALL REASONABLE EFFORTS MUST BE USED TO OBTAIN ACCESS. ONCE ACCESS IS OBTAINED, REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS LATER. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL APPROPRIATE AUTHORITIES AND RECEIVING THE APPLICABLE PERMITS PRIOR TO COMMENCING ANY WORK.
- ACUMULATIONS OF TRACKED AND DEPOSITED SEDIMENT MUST BE REMOVED FROM OFF-SITE PAVED SURFACES WITHIN 24 HOURS OF SEDIMENTATION. SEDIMENTATION DEPOSITS MUST BE REMOVED BY THE APPROPRIATE MANAGEMENT PRACTICE, LIKE A DEDICATED SITE EXIT WITH AN AGGREGATE SURFACE OR DESIGNATED OFFSITE PARKING AREA. CONTRACTOR IS RESPONSIBLE FOR STREET SWEEPING AND/OR SCRAPING IF YOUR PRACTICES ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED FROM THE SITE.
- SURFACE WATERS, DRAINAGE DITCHES AND CONVEYANCE SYSTEMS MUST BE INSPECTED FOR SEDIMENT DEPOSITS.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS INDICATED ON THIS SHEET IN ACCORDANCE WITH THE STORMWATER CONSTRUCTION PERMIT (SWPPP) PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE PROVISIONS INDICATED IN THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND INSPECTION FREQUENCY, AS REQUIRED BY THE OEPA NPDES PHASE II PERMIT PROGRAM REQUIREMENTS.
- PUMPING SEDIMENT LADEN WATER INTO ANY STORMWATER FACILITY THAT IS NOT DESIGNATED TO BE A SEDIMENT TRAP, DRAINAGEWAY, OR OFFSITE AREA EITHER DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED.
- STOCKPILES TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE PROVIDED WITH SESC MEASURES. MATERIAL IS TO BE HAULED AWAY IMMEDIATELY AND LEGALLY IF NO STOCKPILE IS TO REMAIN IN PLACE.
- ALL TEMPORARY SESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.
- WATER REMOVED FROM TRAPS, BASINS, AND OTHER WATER HOLDING DEPRESSIONS OR EXCAVATIONS MUST FIRST PASS THROUGH A SEDIMENT CONTROL AND/OR FILTRATION DEVICE. WHEN Dewatering DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION.

**Kimley»Horn**  
600 EAST 96TH STREET, SUITE 460  
INDIANAPOLIS, INDIANA 46240  
PHONE: 317-218-9360  
WWW.KIMLEY-HORN.COM



**MAIN EVENT  
WEST CHESTER**  
CIVIC CENTER BLVD., WEST CHESTER, OH  
MAIN EVENT DR., SUITE 100 PLANO, TX 75024

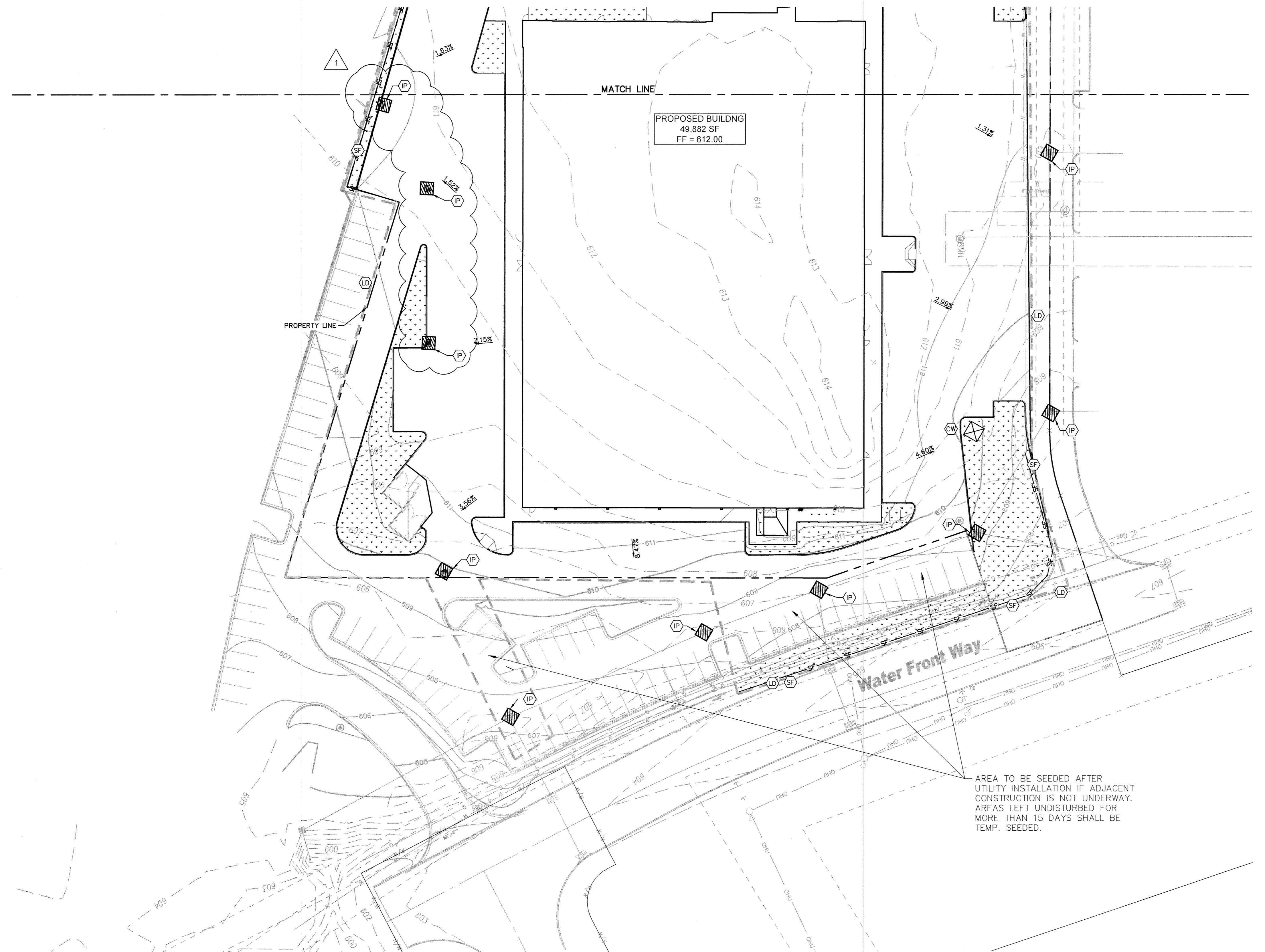
**C4.0**  
SHEET NUMBER

0	WEST CHESTER SUBMITTAL #1	05/20/15 WAB
△	ADDENDUM #1	07/22/15 WAB

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No.

REVISIONS	DATE



#### EROSION CONTROL SCHEDULE AND SEQUENCING:

- ROUGH GRADING: CONSTRUCTION ENTRANCE/EXIT, SILT FENCE PROTECTION, CONCRETE WASHOUT AREA AND TREE PROTECTION SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING, AS NEEDED. TEMPORARY EROSION CONTROL MEASURES TO BE INSTALLED UPON COMPLETION OF ROUGH GRADING AND AS NECESSARY THROUGHOUT CONSTRUCTION.
- UTILITY INSTALLATION: ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING UTILITY INSTALLATION. STORM STRUCTURE INLET PROTECTION SHALL BE INSTALLED AS STORM DRAINAGE SYSTEM IS CONSTRUCTED.
- PAVING: ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING PAVING AND THROUGHOUT THE REMAINDER OF THE PROJECT.
- FINAL GRADING/SOIL STABILIZATION/LANDSCAPING: ALL TEMPORARY EROSION CONTROL MEASURES TO BE REMOVED AT THE CONCLUSION OF THE PROJECT AS DIRECTED BY THE LOCAL MUNICIPALITY.

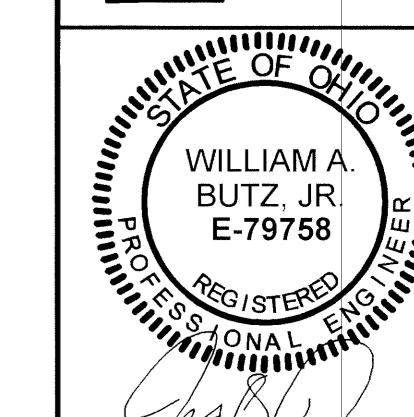
Ohio Utilities Protection Service  
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EROSION CONTROL LEGEND	
SF	SILT FENCE (SEE DETAIL, THIS SHEET)
IP	INLET PROTECTION (SEE DETAIL, THIS SHEET)
CW	CONCRETE WASHOUT (SEE DETAIL, THIS SHEET)
ECB	EROSION CONTROL BLANKET (SEE DETAIL, THIS SHEET)
LD	LIMITS OF DISTURBED AREA
	PROPOSED LANDSCAPED AREA (TO BE TEMP. SEADED)
	FLOW ARROW

EROSION CONTROL NOTES	
<b>SITE GENERAL NOTES</b>	
1. CONSTRUCTION ENTRANCE SHALL BE LOCATED SO AS TO PROVIDE THE LEAST AMOUNT OF DISTURBANCE TO THE FLOW OF TRAFFIC IN AND OUT OF THE SITE, ADDITIONALLY, CONSTRUCTION ENTRANCE SHALL BE LOCATED TO COINCIDE WITH THE PHASING OF THE PAVEMENT REPLACEMENT.	
2. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE, AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS POSSIBLE AND REMOVED AS SOON AS THE FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDING(S), AND SITE PAVING.	
3. BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH CURRENTLY ACCEPTED ENGINEERING PRACTICE IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE, SILT FENCES LOCATED AT THE TOP OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF.	
<b>TEMPORARY EROSION CONTROL NOTES</b>	
1. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.	
2. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST, OR ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE LOCAL DEVELOPMENT OFFICE AND THE DRAINSAGE UTILITY DEPARTMENT. MINOR CHANGES OR ADDITIONAL CONTROL MEASURES TO BE MADE AS FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES AT NO ADDITIONAL COST TO THE OWNER.	
3. CONTRACTOR SHALL PLACE EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S150BN OR APPROVED EQUAL) ON ALL SITE AREAS WITH SLOPES GREATER THAN 4:1, AND IN THE BOTTOM AND SIDE SLOPES OF ALL SWALES.	
4. PRIOR TO FINAL ACCEPTANCE, HAUL ROADS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING SHALL BE DISPOSED OF IN APPROVED SPILL DISPOSAL SITES.	
5. PERMANENT, FINAL PLANT COVERING OR STRUCTURES SHALL BE INSTALLED PRIOR TO FINAL ACCEPTANCE.	
6. ALL CONTROL DEVICES THAT FUNCTION SIMILARLY TO SILT FENCE OR FIBER ROLLS MUST BE REPAIRED, REPLACED OR SUPPLEMENTED WITH EFFECTIVE CONTROLS WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES ONE-FOURTH THE HEIGHT OF THE DEVICE. THESE REPAIRS MUST BE MADE WITHIN 24 HOURS OF THE RAINFALL EVENT OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.	
7. ALL SEDIMENT DELTAS AND DEPOSITS MUST BE REMOVED FROM SURFACE WATERS, DRAINAGEWAYS, CATCH BASINS AND OTHER DRAINAGE SYSTEMS. ALL AREAS WHERE SEDIMENT REMOVAL RESULTED IN EXPOSED SOIL MUST BE RESTABILIZED. THE REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS AFTER THE RAINFALL EVENT UNLESS PRECLUDED BY LEGAL, REGULATORY OR PHYSICAL ACCESS CONSTRAINTS. ALL REASONABLE EFFORTS MUST BE MADE TO OBTAIN AND MAINTAIN ACCESS AS OBTAINED. REMOVAL AND STABILIZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS LATER. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL APPROPRIATE AUTHORITIES AND RECEIVING THE APPLICABLE PERMITS PRIOR TO CONDUCTING ANY WORK.	
8. ACCUMULATIONS OF TRACKED AND DEPOSITED SEDIMENT MUST BE REMOVED FROM OFF-SITE PAVED AREAS WITHIN 24 HOURS OR SOONER IF REQUIRED. SEDIMENT TRACKING MUST BE MINIMIZED BY THE APPROPRIATE MANAGEMENT PRACTICE, LIKE A DEDICATED SITE EXIT WITH AN AGGREGATE SURFACE OR DESIGNATED OFFSITE PARKING AREA. CONTRACTOR IS RESPONSIBLE FOR STREET SWEEPING AND/OR SCRAPING IF YOUR PRACTICES ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED FROM THE SITE.	
9. SURFACE WATERS, DRAINAGE DITCHES AND CONVEYANCE SYSTEMS MUST BE INSPECTED FOR SEDIMENT DEPOSITS.	
10. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS INDICATED ON THIS SHEET IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE PROVISIONS INDICATED IN THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND INSPECTION FREQUENCY, AS REQUIRED BY THE DEPA NPDES PHASE II PERMIT PROGRAM REQUIREMENTS.	
11. PUMPING SEDIMENT LADEN WATER INTO ANY STORMWATER FACILITY THAT IS NOT DESIGNATED TO BE A SEDIMENT TRAP, DRAINAGEWAY, OR OFFSITE AREA EITHER DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED.	
12. STOCKPILES TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE PROVIDED WITH SESC MEASURES. MATERIAL IS TO BE HAULED OFF IMMEDIATELY AND LEGALLY IF NO STOCKPILE IS TO REMAIN IN PLACE.	
13. ALL TEMPORARY SESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.	
14. WATER REMOVED FROM TRAPS, BASINS, AND OTHER WATER HOLDING DEPRESSIONS OR EXCAVATIONS MUST FIRST PASS THROUGH A SEDIMENT CONTROL AND/OR FILTRATION DEVICE. WHEN Dewatering DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION.	

**Kimley»Horn**

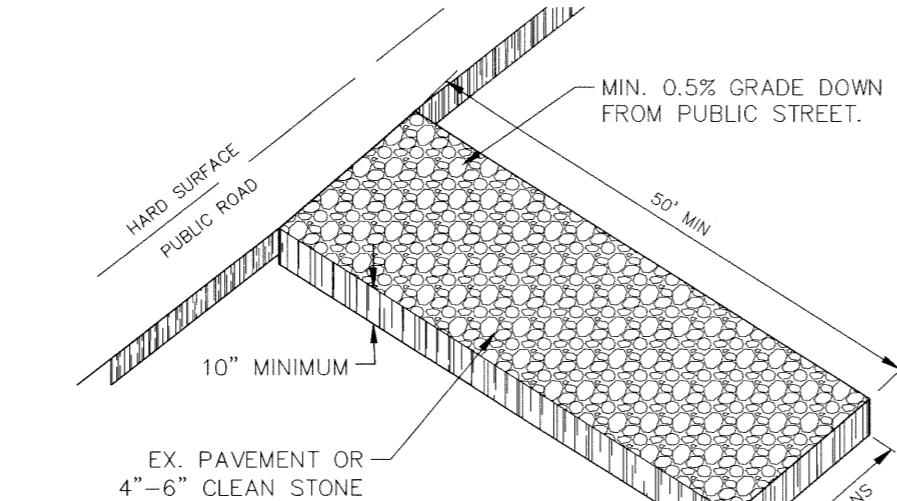


#### MAIN EVENT WEST CHESTER

CIVIC CENTER BLVD., WEST CHESTER, OH  
MAIN EVENT ENTERTAINMENT  
6632 PINECREST DR., SUITE 100, PLANO, TX 75024  
SHEET NUMBER  
C4.1

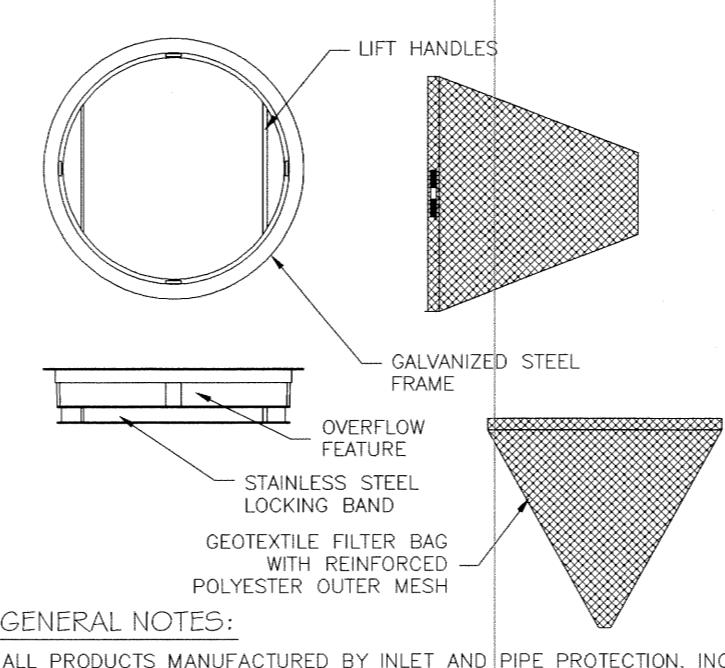
0	WEST CHESTER SUBMITTAL #1	05/20/15 WAB
△	ADDENDUM #1	07/22/15 WAB

0	WEST CHESTER SUBMITTAL #1	05/20/15 WAB
△	ADDENDUM #1	07/22/15 WAB



#### CONSTRUCTION ENTRANCE

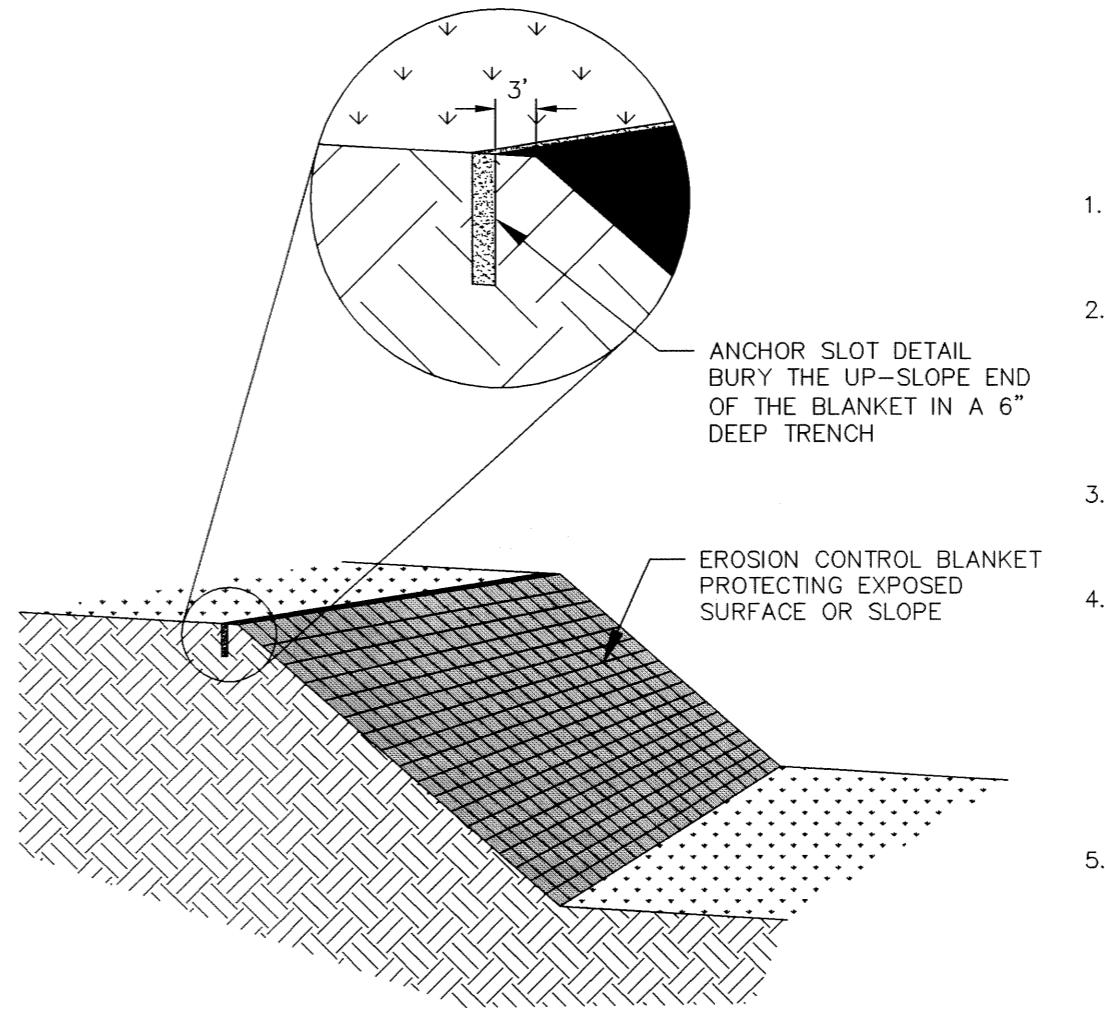
N.T.S.



GENERAL NOTES:  
ALL PRODUCTS MANUFACTURED BY INLET AND PIPE PROTECTION, INC OR APPROVED EQUAL.

NOTE: INLET FILTERS ARE SLIGHTLY SMALLER THAN THE INLET GRATE SIZES. WHEN IDENTIFYING OR SPECIFYING FILTERS/CASTINGS PLEASE REFER TO THE DIAMETER "D" OR WIDTH "W" AND HEIGHT "H" OF FILTER FRAMES OR CASTING GRATES. YOU MAY ALSO REFER TO OUR CASTING CROSS.

NOTE: ROUND AND SQUARE INLET FILTERS AVAILABLE FOR MOST NEENAH AND EAST JORDAN BEEHIVE, ROLL CURB AND CURB BOX FRAME TYPES

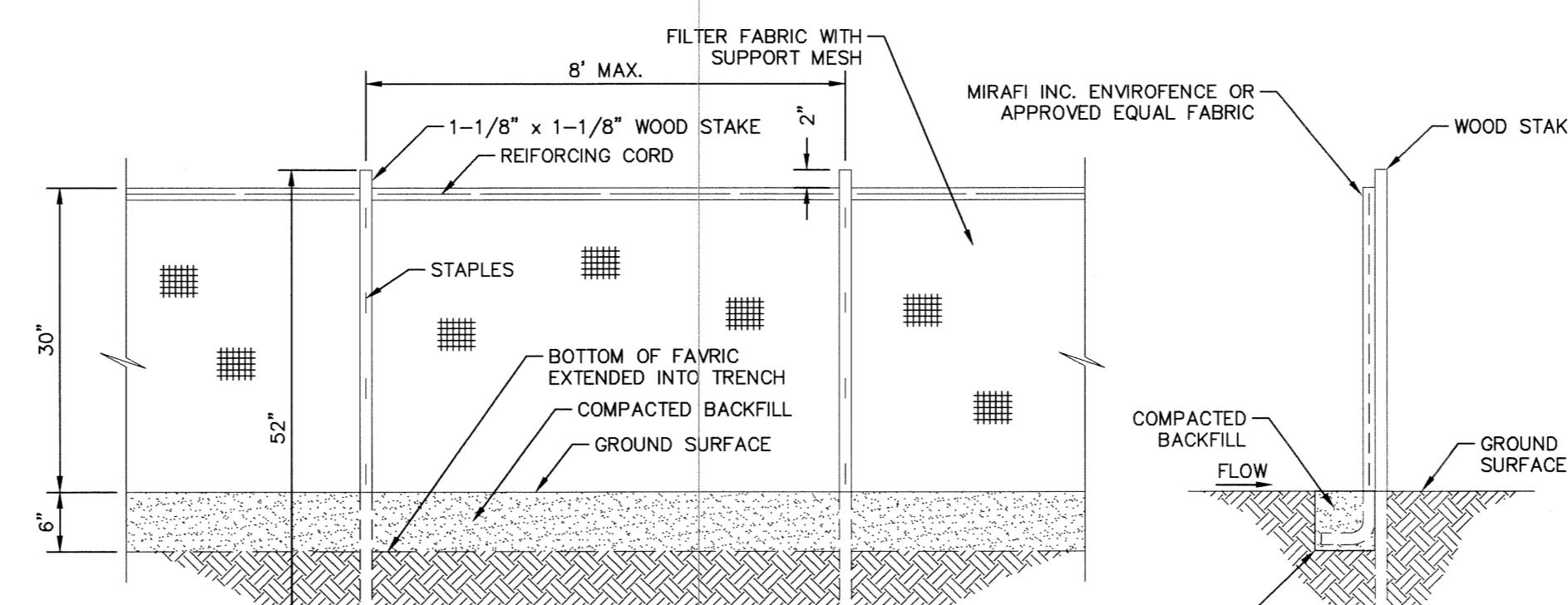


#### EROSION CONTROL BLANKET DETAIL

N.T.S.

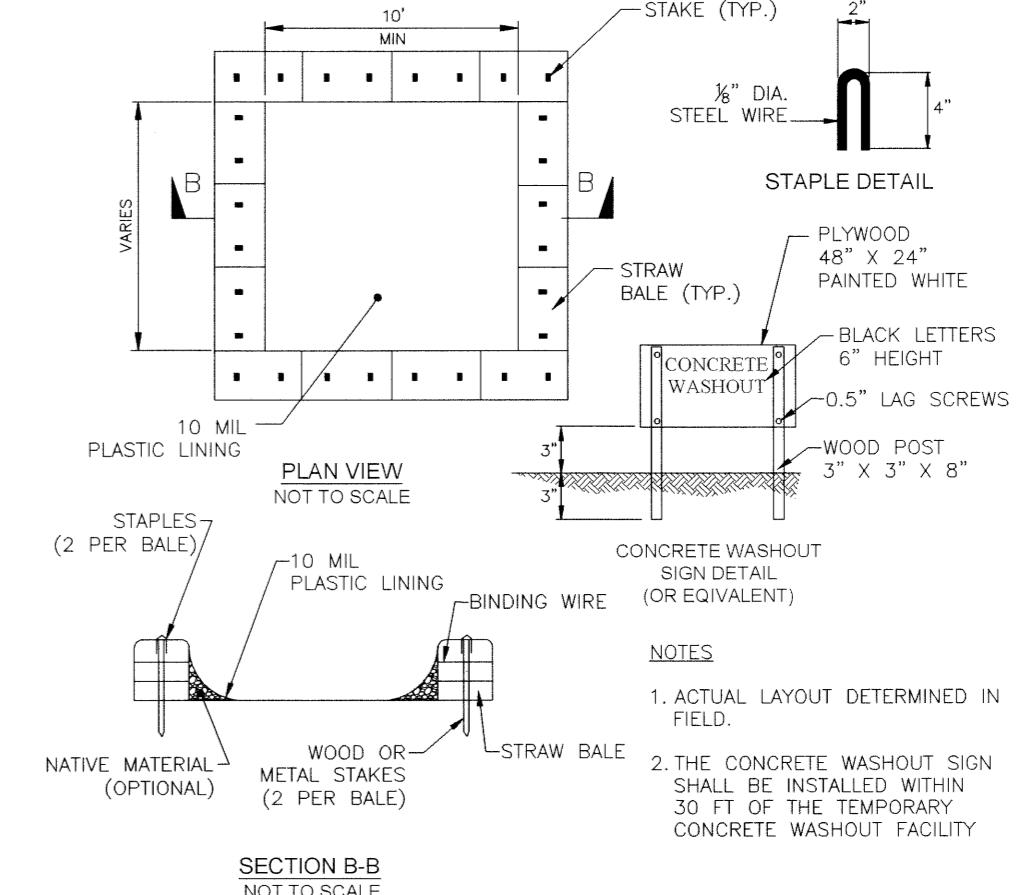
#### INLET PROTECTION

N.T.S.



#### SEDIMENTATION/SILT FENCE

N.T.S.



#### CONCRETE WASHOUT

N.T.S.

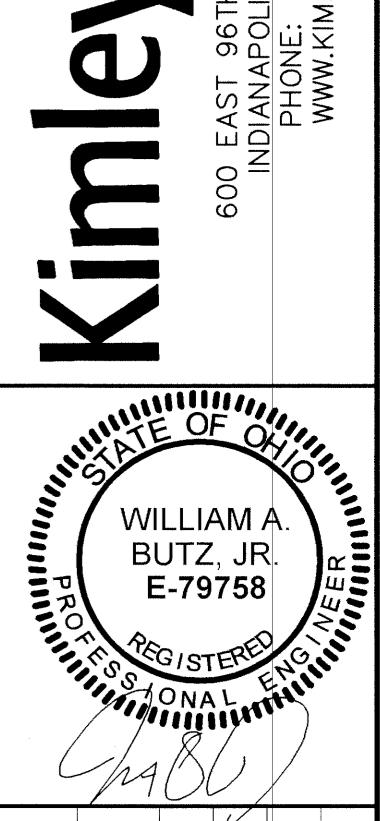
STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING					A		*	*				
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C			D						
SODDING			E									
MULCHING	F											

A KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE  
 B KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + 2 TONS STRAW MULCH/ACRE  
 C SPRING OATS 100 LBS/ACRE  
 D WHEAT OR CEREAL RYE 150 LBS/ACRE  
 E SOD  
 F STRAW MULCH 2 TONS/ACRE

\* IRRIGATION NEEDED DURING JUNE AND JULY  
 \*\* IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD

#### SEEDING CHART

# Kimley»Horn



## EROSION CONTROL DETAILS

### MAIN EVENT WEST CHESTER

CIVIC CENTER BLVD., WEST CHESTER, OH  
MAIN EVENT ENTERTAINMENT  
6632 PINCREST DR., SUITE 100, PLANO, TX 75024

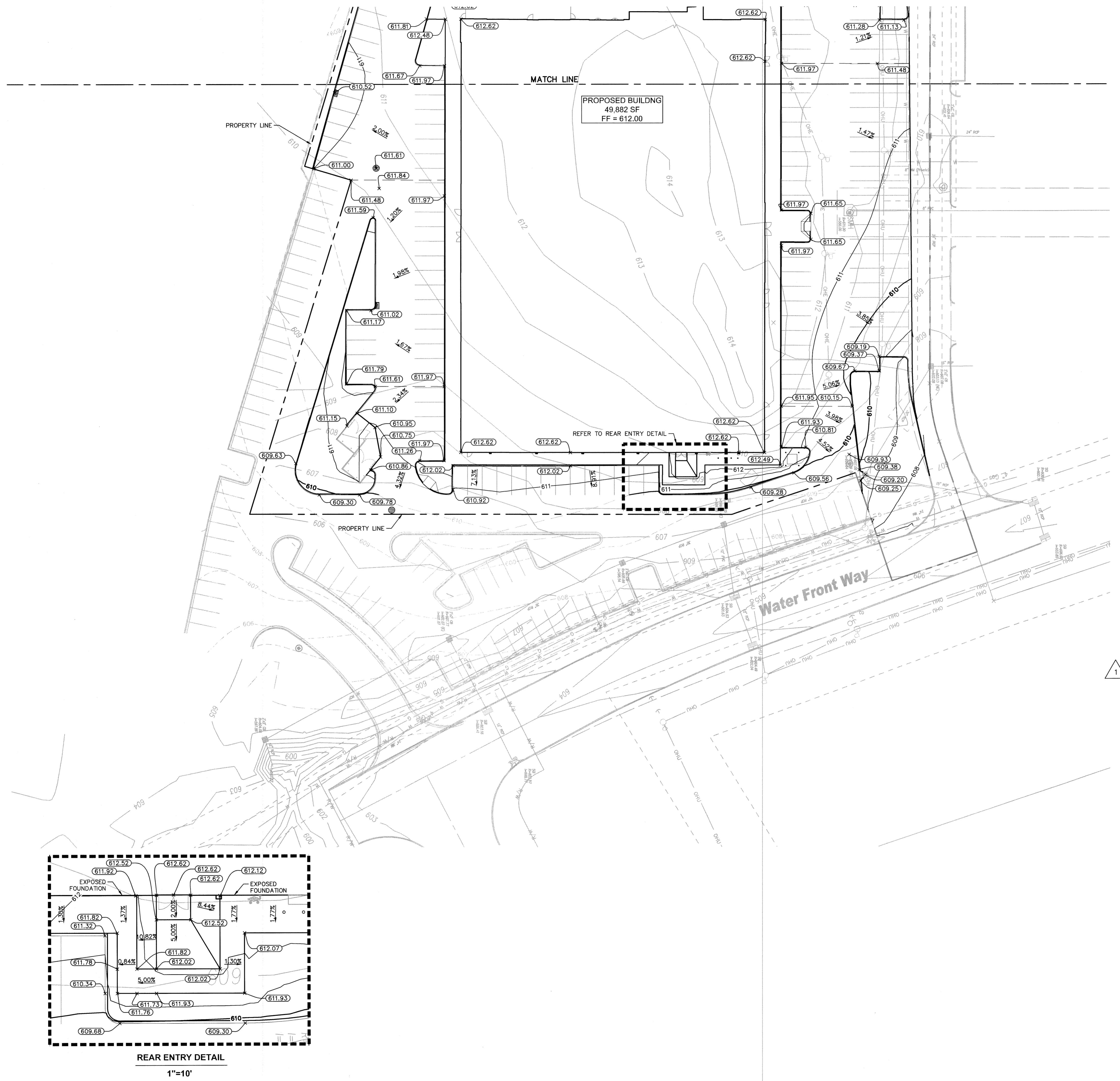
SHEET NUMBER  
C4.2

0	WEST CHESTER SUBMITTAL #1 ADDENDUM #1	05/20/15 WAB
		07/22/15 WAB

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600 EAST 96TH STREET, SUITE 460  
INDIANAPOLIS, INDIANA 46240  
PHONE: 317.218.9560  
WWW.KIMLEY-HORN.COM





Ohio Utilities Protection Service

The logo features the text "Call 811" in a large, bold, black font. The number "811" is particularly prominent. A hand icon, shown from the side, is positioned to the right of the text, with its fingers pointing towards the "1". Below the main text, the words "before you dig" are written in a smaller, black, sans-serif font.



before you dig

GRAPHIC SCALE IN FEET  
15 30 60

# GRADING NOTES

---

1. CONTRACTOR TO VERIFY ALL EXISTING TOPOGRAPHY AND STRUCTURES ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
2. ALL PAVEMENT SPOT GRADE ELEVATIONS AND RIM ELEVATIONS WITHIN OR ALONG CURB AND GUTTER REFER TO EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
3. ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH EXCAVATION, LANDSCAPE AND PAVING SUBCONTRACTORS REGARDING TOPSOIL THICKNESS FOR LANDSCAPE AREAS AND PAVEMENT SECTION THICKNESS FOR PAVED AREAS TO PROPERLY ENSURE ADEQUATE CUT TO ESTABLISH SUBGRADE ELEVATIONS.
4. NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
5. MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
6. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES UNLESS OTHERWISE NOTED.
7. WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE GUTTER PITCH.
8. MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.

## GRADING LEGEND

PROPOSED CONTOUR  
RIDGE LINE  
SLOPE AND FLOW DIRECTION  
TOP OF CURB  
MATCH EXISTING GRADE

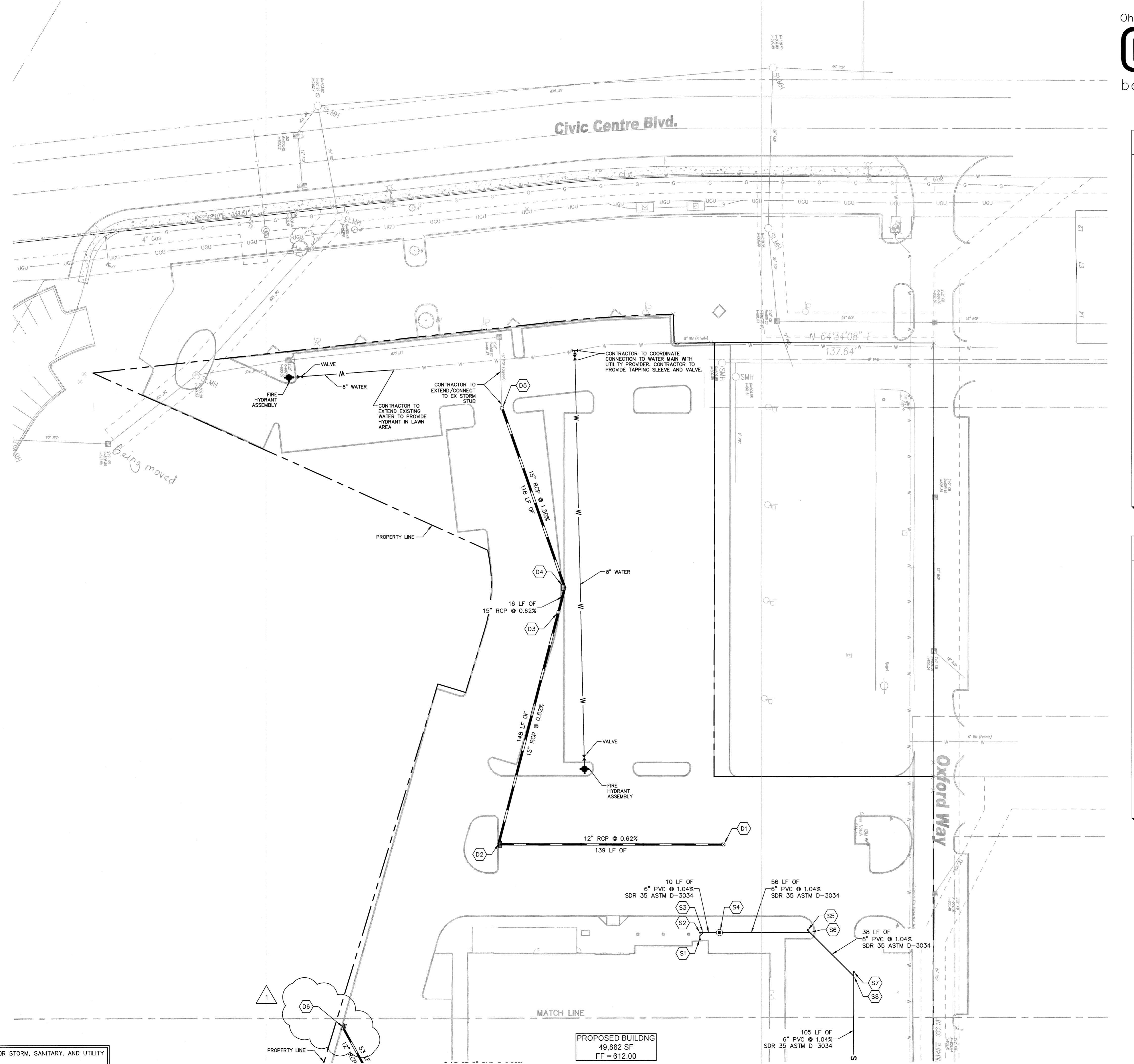
NOTE: THE SITE IS NOT LOCATED WITHIN AN AREA IMPACTED BY THE 100-YEAR FLOOD FIRM MAP PANEL FM39099C0219D DATED NOVEMBER 18, 2009.

ELEVATION NOTE:  
TE THAT WITH ADDENDUM #1, THE EXISTING SURVEY AND PROPOSED GRADING  
S BEEN MODIFIED TO REFLECT A DATUM CHANGE. THE DATUM CHANGE  
NERALLY CHANGED THE EXISTING TOPOGRAPHY BY 0.62-FEET. WITH THIS  
ANGE, THE PROPOSED GRADING WAS ALSO MODIFIED AND AT THE LOCATIONS  
ERE THE SITE TIES TO EXISTING AND FUTURE DEVELOPMENT, GRADES WERE  
JUSTED ACCORDINGLY. CONTRACTOR TO REPORT ANY DISCREPANCIES IN GRADE  
THE ENGINEER AND OWNER PRIOR TO CONSTRUCTION.

GRADING PLAN

# MAIN EVENT WEST CHESTER

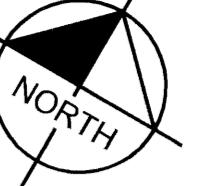
SHEET NUMBER  
**C5.1**



REFER TO SHEET C6.1 FOR STORM, SANITARY, AND UTILITY CROSSING TABLES

# io Utilities Protection Service

The logo features the text "Call 811" in a large, bold, black font. To the right of the text is a stylized black hand pointing upwards, with the index finger pointing towards the text. Below the main text, the words "before you dig" are written in a smaller, black, sans-serif font.



GRAPHIC SCALE IN FEET



A horizontal scale bar divided into three segments. The first segment is labeled '15' at its right end. The second segment is labeled '30' at its right end. The third segment is labeled '60' at its right end. The segments are separated by thin vertical lines.

## UTILITY NOTES

## GENERAL UTILITY NOTES

- ALL WATER LINES SHALL BE AND TYPE K COPPER (<3") WITH MINIMUM COVER OF 54-INCHES AND MAXIMUM COVER OF 72"-INCHES PER STATE AND LOCAL SPECS.
- ALL SANITARY SEWER LINES SHALL BE PVC MEETING, ASTM D-3034 SDR 35 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN, THIS PIPE SHALL BE AWWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE MINIMUM COVER OF 48-INCHES PER STATE AND LOCAL SPECS.
- CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
- ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
- PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/ DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. THE COUNTY ENGINEER'S OFFICE FOR STORM SEWER AND THE DEPARTMENT OF ENVIRONMENTAL SERVICES (DOES) FOR WATER AND SANITARY SEWER SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
- CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
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- ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY TIE-IN LOCATIONS AT BUILDING.

## UTILITY LEGEND

W	EX. WATER LINE
☒	EX. WATER VALVE
○	EX. SANITARY SEWER LINE
○	EX. SANITARY SEWER MANHOLE
→	EX. STORM DRAIN LINE
□ ○	EX. STORM STRUCTURES
OHE	EX. OVERHEAD ELECTRIC LINE
E	PROPOSED UNDERGROUND ELECTRIC LINE
GAS	GAS LINE (BY GAS COMPANY)
T	PROPOSED PHONE LINE
██████████	PROPOSED STORM SEWER LINE
●	PROPOSED STORM/SANITARY CLEANOUT
W	PROPOSED WATER LINE
S	PROPOSED SANITARY LATERAL
○	PROPOSED FIRE DEPARTMENT CONNECTION
☒	PROPOSED PIV
□●	PROPOSED LIGHT POLE
●	PROPOSED GAS METER
●	PROPOSED FIRE HYDRANT

## BUTLER COUNTY UTILITY NOTES

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3. WHEN A CLEANOUT IS INSTALLED IT SHALL BE SECURELY CAPPED AND INSTALLED FOUR INCHES (4") BELOW GRADE AND WHEN INSTALLED IN A TRAFFIC AREA SHALL BE PROTECTED BY A FORD METER BOX "A3H" OR EQUAL WITH A LID MARKED "SEWER".
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# MAIN EVENT WEST CHESTER

VIC CENTER BLVD., WEST CHESTER, OH

KHA PROJEC	DATE	AS SHO
168263001	05/20/2015	
SCALE	DESIGNED BY	BA
	DRAWN BY	JT
	CHECKED BY	WA

אנו ניכר בראוייה

## STRATEGY PLAN

# Kimley Horn

SHEET NUMBER

C6.0

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of a

STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT:
D1	2'X2' INLET NEENAH R-3472 RIM: 610.81 INV OUT: 605.57		TO SW, 12" RCP INV OUT: 605.57 @ 0.62%
D2	2'X3' INLET NEENAH R-3286-10V RIM: 610.81 INV IN: 604.70 INV OUT: 604.70	FROM NE, 12" RCP INV IN: 604.70 @ 0.62%	TO N, 15" RCP INV OUT: 604.70 @ 0.62%
D3	2'X2' INLET NEENAH R-3287-8V RIM: 610.66 INV IN: 603.78 INV OUT: 603.78	FROM S, 15" RCP INV IN: 603.78 @ 0.62%	TO N, 15" RCP INV OUT: 603.78 @ 0.62%
D4	2'X3' INLET NEENAH R-3287-10V RIM: 610.13 INV IN: 603.68 INV OUT: 603.68	FROM S, 15" RCP INV IN: 603.68 @ 0.62%	TO NW, 15" RCP INV OUT: 603.68 @ 1.50%
D5	2'X2' INLET NEENAH R-3472 RIM: 609.93 INV IN: 601.91	FROM SE, 15" RCP INV IN: 601.91 @ 1.50%	
D6	CB RIM: 610.52 INV OUT: 605.56		TO SE, 12" RCP INV OUT: 605.56 @ 1.00%
D6A	4' DIA MH NEENAH R-3472 RIM: 611.61 INV IN: 605.03 INV OUT: 605.03	FROM NW, 12" RCP INV IN: 605.03 @ 1.00%	TO SE, 12" RCP INV OUT: 605.03 @ 1.00%
D7	CB RIM: 610.98 INV IN: 604.18 INV OUT: 604.18	FROM NW, 12" RCP INV IN: 604.18 @ 1.00%	TO SE, 12" RCP INV OUT: 604.18 @ 1.00%
D19	4' DIA MH NEENAH R-3472 RIM: 609.81 INV IN: 602.92 INV IN: 603.02 INV OUT: 602.92	FROM NW, 12" RCP INV IN: 602.92 @ 1.00% FROM NE, 15" PVC INV IN: 603.02 @ 1.26%	TO SE, 18" RCP INV OUT: 602.92 @ 1.00%

FLEXSTORM PURE INLET PROTECTION SHALL BE INSTALLED IN ALL STORM STRUCTURES THAT RECEIVE SURFACE WATER

THAT RECEIVE SURFACE WATER



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SEWER STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT:
S1	6" CLEANOUT RIM: 611.99 INV OUT: 608.00		TO NW, 6" PVC INV OUT: 608.00 @ 1.0%
S2	6" CLEANOUT RIM: 611.93 INV OUT: 607.97		TO NE, 6" PVC INV OUT: 607.97 @ 1.0%
S3	45° WYE RIM: 611.93 INV IN: 607.95 INV IN: 607.95 INV OUT: 607.95	FROM S, 6" PVC INV IN: 607.95 @ 1.04% FROM SW, 6" PVC INV IN: 607.95 @ 1.04%	TO NE, 6" PVC INV OUT: 607.95 @ 1.0%
S4	4' DIA MH RIM: 611.91 INV IN: 607.84 INV OUT: 607.84	FROM SW, 6" PVC INV IN: 607.84 @ 1.04%	TO NE, 6" PVC INV OUT: 607.84 @ 1.0%
S5	6" CLEANOUT RIM: 611.82 INV OUT: 607.28		TO E, 6" PVC INV OUT: 607.28 @ 1.04%
S6	45° WYE RIM: 611.80 INV IN: 607.26 INV IN: 607.26 INV OUT: 607.26	FROM SW, 6" PVC INV IN: 607.26 @ 1.04% FROM W, 6" PVC INV IN: 607.26 @ 1.04%	TO E, 6" PVC INV OUT: 607.26 @ 1.04%
S7	6" CLEANOUT RIM: 610.95 INV OUT: 606.89		TO SE, 6" PVC INV OUT: 606.89 @ 1.04%
S8	45° WYE RIM: 610.96 INV IN: 606.86 INV IN: 606.86 INV OUT: 606.86	FROM W, 6" PVC INV IN: 606.86 @ 1.04% FROM NW, 6" PVC INV IN: 606.86 @ 1.04%	TO SE, 6" PVC INV OUT: 606.86 @ 1.04%
S9	6" CLEANOUT RIM: 611.98 INV OUT: 606.50		TO SW, 6" PVC INV OUT: 606.50 @ 2.0%
S10	4' DIA MH RIM: 611.91 INV IN: 606.41	FROM NE, 6" PVC INV IN: 606.41 @ 2.00%	TO SW, 6" PVC INV OUT: 606.41 @ 2.0%

SEWER STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT:
S11	MIN. 1,500 GAL GREASE TRAP (SEE PLUMBING PLANS) RIM: 611.51 INV IN: 606.05 INV OUT: 606.05	FROM NE, 6" PVC INV IN: 606.05 @ 2.00%	TO SW, 6" PVC INV OUT: 606.05
S12	6" CLEANOUT RIM: 611.60 INV OUT: 606.18		TO SE, 6" PVC INV OUT: 606.18
S13	45° WYE RIM: 611.61 INV IN: 605.84 INV IN: 606.16 INV OUT: 605.84	FROM N, 6" PVC INV IN: 605.84 @ 2.00% FROM NW, 6" PVC INV IN: 606.16 @ 1.04%	TO SE, 6" PVC INV OUT: 605.84
S14	6" CLEANOUT RIM: 611.98 INV OUT: 606.50		TO SW, 6" PVC INV OUT: 606.50
S15	4" DIA. MH RIM: 611.91 INV IN: 606.40 INV OUT: 606.40	FROM NE, 6" PVC INV IN: 606.40 @ 2.25%	TO SW, 6" PVC INV OUT: 606.40
S16	45° WYE RIM: 611.60 INV IN: 605.76 INV IN: 605.76 INV OUT: 605.76	FROM NW, 6" PVC INV IN: 605.76 @ 2.00% FROM N, 6" PVC INV IN: 605.76 @ 2.25%	TO SE, 6" PVC INV OUT: 605.76
S17	6" CLEANOUT RIM: 610.88 INV IN: 603.88 INV OUT: 603.88	FROM NW, 6" PVC INV IN: 603.88 @ 2.00%	TO SE, 6" PVC INV OUT: 603.88
S18	6" CLEANOUT RIM: 610.22 INV IN: 601.88 INV OUT: 601.88	FROM NW, 6" PVC INV IN: 601.88 @ 2.00%	TO SE, 6" PVC INV OUT: 601.88
S19	45° WYE RIM: 588.84 INV IN: 588.15 INV IN: 588.23 INV OUT: 588.15	FROM SW, 8" PVC INV IN: 588.15 @ 0.40% FROM W, 6" PVC INV IN: 588.23 @ 24.77%	TO NE, 8" PVC INV OUT: 588.15

SEWER STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT:
S20	6" CLEANOUT RIM: 611.68 INV OUT: 605.00		TO SE, 6" PVC INV OUT: 605.00 @ 15.00%
S21	4" DIA MH RIM: 610.50 INV IN: 601.55 INV OUT: 601.55	FROM NW, 6" PVC INV IN: 601.55 @ 15.00%	TO SE, 6" PVC INV OUT: 601.55 @ 100.07%
S22	45" WYE RIM: 588.07 INV IN: 587.55	FROM W, 6" PVC INV IN: 587.55 @ 100.07%	TO NE, 8" PVC INV OUT: 587.17 @ 0.40%

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Page 1 of 1

10 of 10 pages

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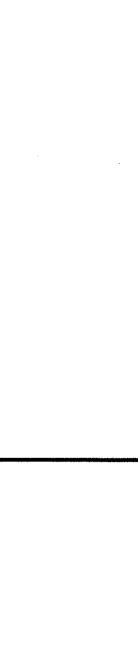
# UTILITY NOTES

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☒	PROPOSED PIV
□→	PROPOSED LIGHT POLE
✿	PROPOSED GAS METER
✿	PROPOSED FIRE HYDRANT

<h1>Kimley-Horn</h1> 	
<h2>MAIN EVENT WEST CHESTER</h2>	
<p>— CIVIC CENTER BLVD., WEST CHESTER, OH</p>	
<h3>UTILITY PLAN</h3>	
<p>SHEET NUMBER C6.1</p>	
<p>KHA PROJECT 168263001</p>	<p>DATE 05/20/2015</p>
<p>SCALE AS SHOWN</p>	<p>DESIGNED BY BAS</p>
<p>DRAWN BY JT</p>	<p>CHECKED BY WAB</p>
<p>MAINEVENT ENTERTAINMENT 66552 PINECREST DR, SUITE 100, PLANO, TX 75024</p>	
<p>600 EAST 96TH STREET, SUITE 460 INDIANAPOLIS, INDIANA 46240 PHONE: 317-218-9560 WWW.KIMLEY-HORN.COM</p>	
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<p>0 ADDENDUM #1 07/22/15 WAB</p>	
<p>0 WEST CHESTER SUBMITTAL #1 05/20/15 WAB</p>	



