

DEVELOPMENT PLANS

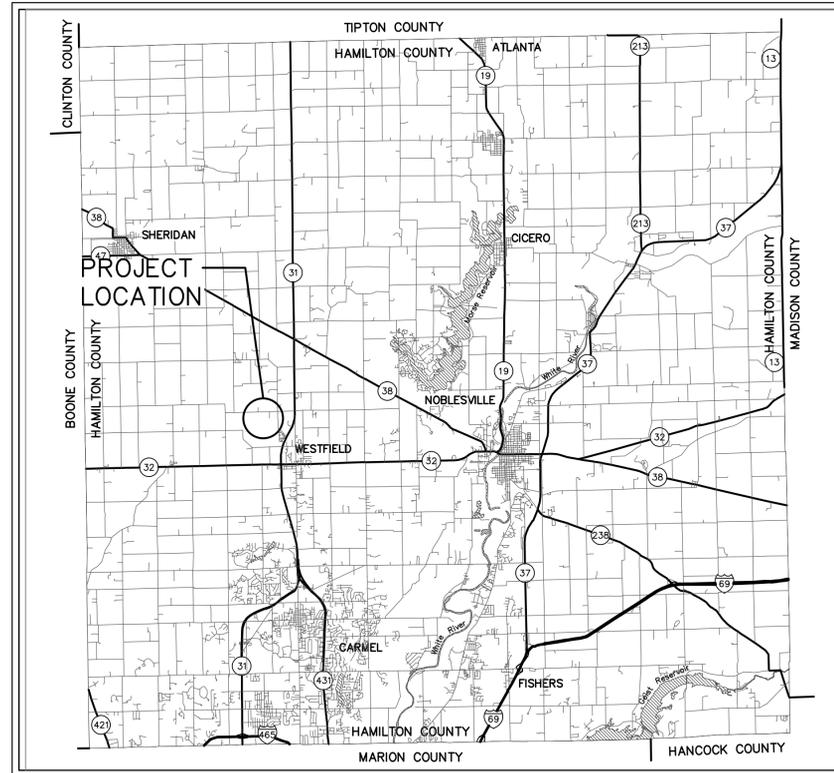
FOR

GRAND PARK

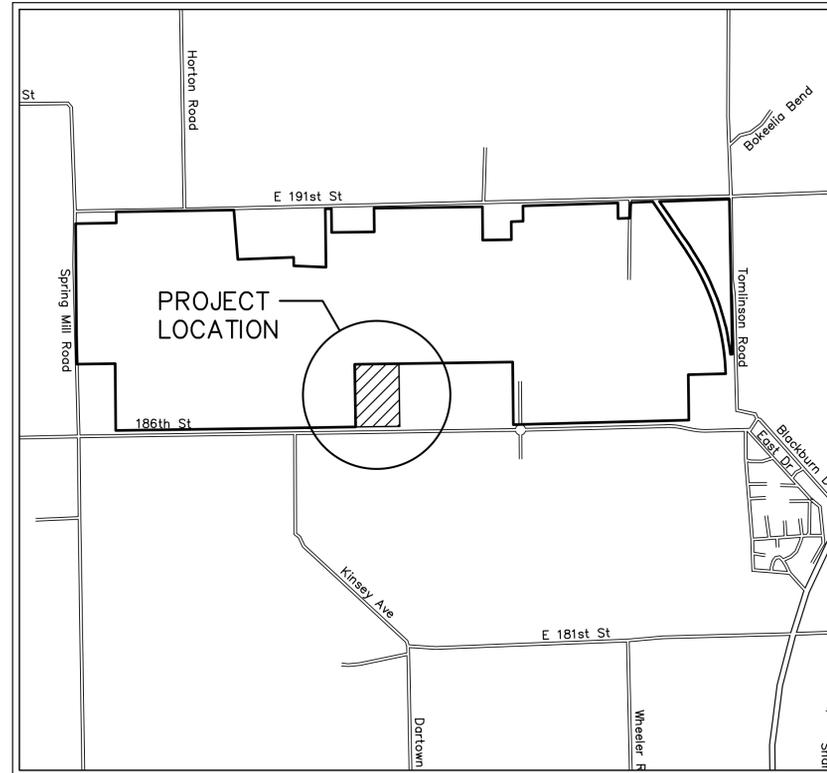
INDOOR SPORTS FACILITY

WESTFIELD, INDIANA 46074

S.E. 1/4 SECTION 26, T19N, R3E, WASHINGTON TOWNSHIP, HAMILTON COUNTY



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

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PLAN DATE: 01/30/2015

UTILITY CONTACTS

CITY OF WESTFIELD - PUBLIC WORKS
KEN ALEXANDER
2706 EAST 171st STREET
WESTFIELD, INDIANA 46074
(317) 804-3100

CITY OF WESTFIELD - ENGINEERING
PHIL SUNDLING
2706 EAST 171st STREET
WESTFIELD, INDIANA 46074
(317) 804-3136

CITY OF WESTFIELD - FIRE DEPARTMENT
GARRY HARLING
17535 DARTOWN ROAD
WESTFIELD, INDIANA 46074
(317) 804-3307

CITY OF WESTFIELD - PARKS DEPARTMENT
MELODY JONES
2728 EAST 171st STREET
WESTFIELD, INDIANA 46074
(317) 804-3184

GAS PIPELINES:
INDIANA GAS / VECTREN
DON PERDUE
P.O. BOX 1700
NOBLESVILLE, INDIANA 46061
(317) 776-5550

BUCKEYE PARTNERS, L.P.
MARTY WHITE
940 BUCKEYE ROAD
LIMA, OHIO 45804
(419) 993-8008

HAMILTON COUNTY SURVEYOR'S OFFICE
GREG HOYES
ONE HAMILTON COUNTY SQUARE, SUITE 188
NOBLESVILLE, INDIANA 46060
(317) 776-8495

HAMILTON COUNTY HIGHWAY DEPARTMENT
DAVE LUCAS
1700 S. 10th STREET
NOBLESVILLE, INDIANA 46060
(317) 773-7770

ELECTRIC:
DUKE ENERGY - NOBLESVILLE OFFICE
JASON KEENAN
100 SOUTH MILL CREEK ROAD
NOBLESVILLE, INDIANA 46060
(317) 776-5335

COMMUNICATIONS:
COMCAST CABLE
MATT STRINGER
9750 EAST 150th STREET, SUITE 1600
NOBLESVILLE, INDIANA 46060
(317) 774-3384

AT&T
MICHAEL HAYNES
5858 N. COLLEGE
INDIANAPOLIS, INDIANA 46220
(317) 252-4007

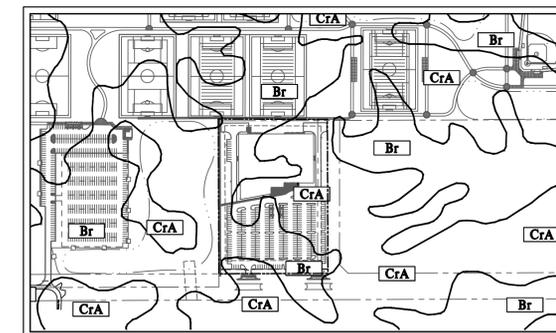
GAS:
INDIANA GAS / VECTREN
RESA GLOVER & CHARLOTTE MAY
P.O. BOX 1700
NOBLESVILLE, INDIANA 46061
(317) 776-5550

CITIZENS GAS OF WESTFIELD
RICHARD MILLER, JR.
2150 DR. MARTIN LUTHER KING DRIVE
INDIANAPOLIS, INDIANA 46202
(317) 927-4684

SANITARY SEWER AND WATER
CITIZENS WESTFIELD
HARRY NIKIDES
2728 EAST 171ST STREET
WESTFIELD, IN 46074
(317) 927-4338

PLANS PREPARED FOR:
GRAND PARK, LLC

PLANS PREPARED BY:



SOILS MAP
NOT TO SCALE

REV	DATE	DESCRIPTION

CAUTION !!
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.
811 OR 1-800-382-5544
CALL TOLL FREE
- INDIANA UNDERGROUND -

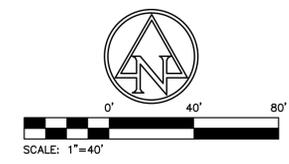
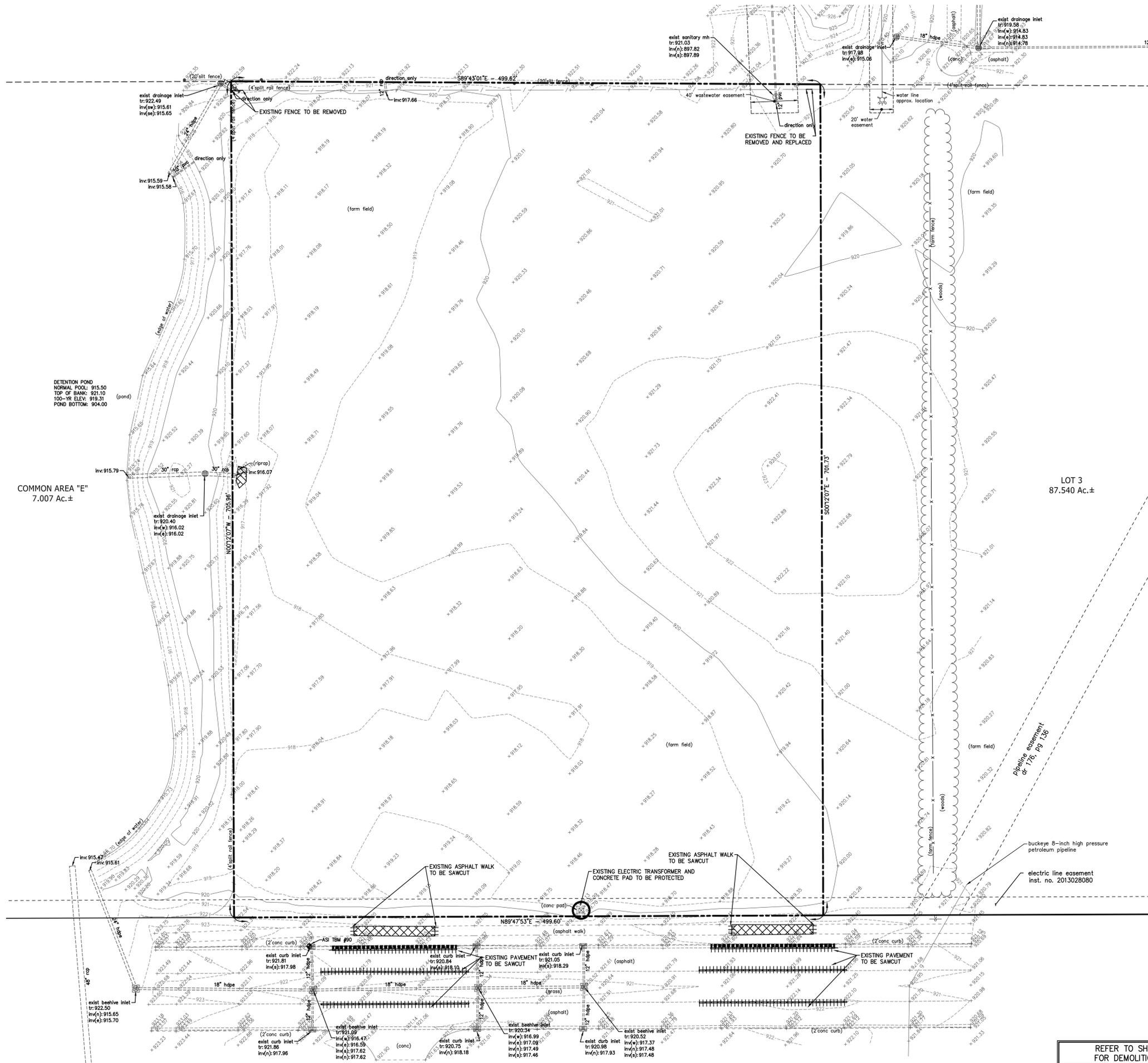
APPROVAL PENDING
NOT FOR CONSTRUCTION

ANDREW R. TAYLOR, P.E.

C001
JOB# 2014.01793

DESIGN AND CONSTRUCTION OF THIS PROJECT SHALL COMPLY WITH THE HAMILTON COUNTY SURVEYOR'S OFFICE AND THE CITY OF WESTFIELD CONSTRUCTION SPECIFICATIONS AND STANDARD DETAILS.

PRINT DATE: 1/20/15 PLOT SCALE: 1:2,500 EDIT DATE: 1/30/2015 2:38:44 PM EDITED BY: ATRACEY DRAWING FILE: P:\2014\01793\0 DRAWINGS\CIVIL\CONSTRUCTION DOCUMENTS\02014.01793.CE.C100.XTDMF.DWG



EXISTING LEGEND

- BEEHIVE INLET
- CURB INLET
- FIRE HYDRANT
- GAS MARKER SIGN
- INLET
- POST
- SANITARY MANHOLE
- TEMPORARY BENCH MARK
- TRANSFORMER
- BURIED GAS LINE
- TOP OF RIM ELEVATION
- INVERT ELEVATION
- PLASTIC PIPE
- REINFORCED CONCRETE PIPE
- PLASTIC PIPE

DEMOLITION LEGEND

- ASPHALT PATH TO BE REMOVED
- ASPHALT PAVEMENT TO BE REMOVED
- EXISTING RAP-RAP TO BE REMOVED
- CONCRETE CURB TO BE REMOVED
- UTILITIES TO BE REMOVED
- PAVEMENT TO BE SAWCUT
- FENCE TO BE REMOVED
- OBJECT TO BE PROTECTED

BENCH INFORMATION (NAVD 88)

- TBM #51
RR SPIKE 2'UP IN WEST SIDE 24" TREE
ALONG NORTH/SOUTH FENCE ROW NORTH
OF SECTION LINE.
ELEV = 916.63
- TBM #52
RR SPIKE 2'UP IN SOUTH SIDE 12" TREE IN
NORTH/SOUTH FENCE LINE ON NORTH SIDE
OF SECTION LINE.
ELEV = 924.88
- TBM #53
RR SPIKE IN NORTH FACE UTILITY POLE
#253-524; ±375' WEST OF KINSEY AVE.
AND ±50' SOUTH OF 186TH STREET.
ELEV = 926.43
- TBM #90
CUT SQUARE AT NW CORNER OF INLET;
±37' NORTH OF E 186th STREET AND
±65' EAST OF N/S SPLIT RAIL FENCE
(BLACK).
ELEV = 922.34

GAS LINE NOTES:

1. CONTRACTOR SHALL NOTIFY VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. PRIOR TO COMMENCING ANY WORK WITHIN 100' OF PIPELINE EASEMENTS.
2. CONTRACTOR SHALL CONTACT VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. TO VERIFY THE DEPTH OF THE EXISTING PIPELINES AND NOTIFY ENGINEER ABOUT FINDINGS PRIOR TO COMMENCING ANY CONSTRUCTION
3. ALL PIPELINE UTILITY CROSSINGS AND TEMPORARY TRAFFIC CROSSINGS DURING CONSTRUCTION SHALL BE COORDINATED WITH VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. AND CONSTRUCTION IN ACCORDANCE WITH THEIR GUIDELINES FOR CROSSING GAS PIPELINES.

NOTES:

1. CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.
2. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.

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REFER TO SHEET C002 FOR DEMOLITION NOTES

GRAND PARK FIELDHOUSE, LLC

AMERICAN
STRUCTUREPOINT
INC.

7260 Shadeland Station | Indianapolis, Indiana 46256
TEL 317.547.5580 | FAX 317.543.0270
www.structurepoint.com

GRAND PARK FIELDHOUSE

186TH ST & KINSEY AVE
WESTFIELD, IN

APPROVAL PENDING
NOT FOR CONSTRUCTION

CERTIFIED BY

ISSUANCE INDEX

DATE:	01/30/2015
PROJECT PHASE:	DEVELOPMENT PLANS

REVISION SCHEDULE

NO.	DESCRIPTION	DATE

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**EXISTING TOPOGRAPHY/
DEMOLITION PLAN**

C100



CERTIFIED BY

ISSUANCE INDEX

DATE:	01/30/2015
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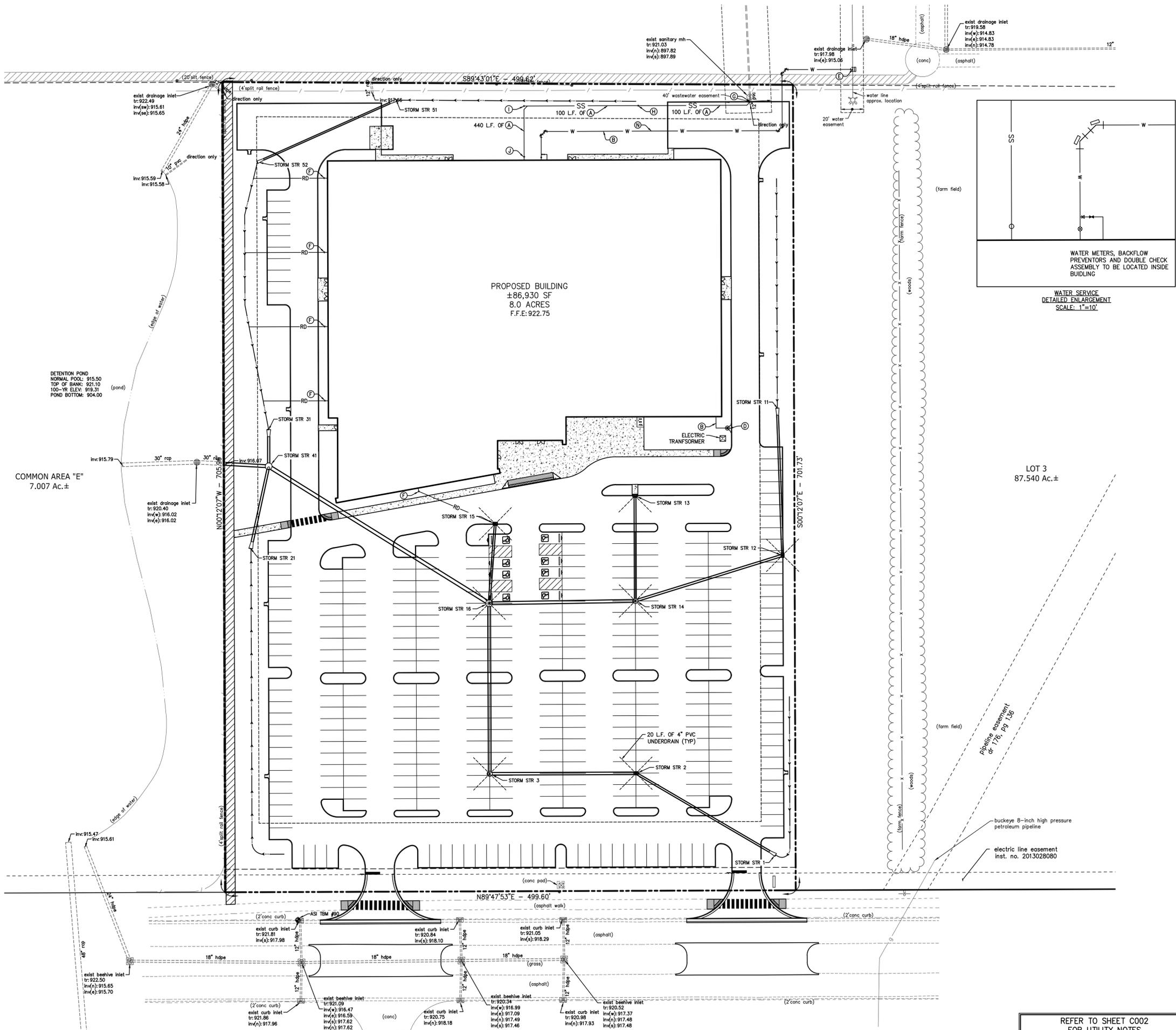
REVISION SCHEDULE

NO.	DESCRIPTION	DATE

Project Number 2014.01793

UTILITY
PLAN

C301



PRINT DATE: 1/29/15 PLOT SCALE: 1:2.5849 EDIT DATE: 1/30/2015 3:36:17 PM EDITED BY: RWINDHORST DRAWING FILE: P:\2014\01793\01793.D. DRAWINGS\CIVIL\CONSTRUCTION DOCUMENTS\02014.01793.CE.C301.LUP.DWG

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GRAND PARK
FIELDHOUSE, LLC



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TEL 317.547.5580 | FAX 317.543.0270
www.structurepoint.com

GRAND PARK
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ISSUANCE INDEX

DATE:
01/30/2015
PROJECT PHASE:
DEVELOPMENT PLANS

REVISION SCHEDULE

NO.	DESCRIPTION	DATE

Project Number 2014.01793

**STRUCTURE
DATA TABLE**

C002

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STORM STRUCTURE DATA TABLE									
NOTE: STRUCTURE CASTING IS PULLING PART ID.									
STR. NO.	STRUCTURE / CASTING TYPE	T.O.R.	INCOMING PIPE DATA (DIRECTION) / [FROM STR]	OUTGOING PIPE DATA (DIRECTION) / [TO STR]	OUTGOING PIPE L.F.	OUTGOING PIPE SIZE	OUTGOING GRADE (%)	CONNECT TO STRUCT	REMARKS
1	15" CONCRETE END SECTION	919.83	15" RCP 918.31 (NW) [2]						
2	TYPE "M" INLET / R-3455-C	921.19	21" RCP 917.85 (W) [3]	15" RCP 917.95 (SE) [1]	141'	15"	-0.25%	1	
3	TYPE "C" MANHOLE / R-3472	921.19	24" RCP 917.50 (N) [16]	21" RCP 917.60 (E) [2]	128'	21"	-0.20%	2	
11	15" CONCRETE END SECTION	919.77	15" RCP 918.25 (S) [12]						
12	TYPE "M" INLET / R-3287-SB10	920.81	18" RCP 917.82 (W) [14]	15" RCP 917.92 (N) [11]	128'	15"	-0.25%	11	
13	TYPE "J" INLET / R-3455-C	921.00	15" RCP 917.78 (S) [14]						
14	TYPE "C" MANHOLE / R-3472	921.25	24" RCP 917.46 (W) [16]	18" RCP 917.56 (E) [12] 15" RCP 917.56 (N) [13]	135' 92'	18" 15"	-0.20% -0.25%	12 13	
15	TYPE "M" INLET / R-3287-SB10	920.87	15" RCP 917.37 (S) [16]						
16	TYPE "J" MANHOLE / R-3472	921.25	30" RCP 917.10 (NW) [41]	24" RCP 917.20 (E) [14] 15" RCP 917.20 (N) [15] 24" RCP 917.20 (S) [3]	128' 69' 149'	24" 15" 24"	-0.20% -0.25% -0.20%	14 15 3	
21	18" CONCRETE END SECTION	918.46		18" RCP 916.67 (N) [41]	73'	18"	0.50%	41	
31	18" CONCRETE END SECTION	919.66	18" RCP 917.86 (S) [41]						
41	TYPE "J" MANHOLE / R-1772	920.99	18" RCP 916.30 (S) [21]	24" RCP 916.20 (W) [] 18" RCP 917.70 (N) [31] 30" RCP 916.30 (SE) [16]	37' 32' 227'	24" 18" 30"	0.36% -0.50% -0.35%	31 16	
51	12" CONCRETE END SECTION	920.96		12" RCP 919.71 (SW) [52]	133'	12"	0.50%	52	
52	12" CONCRETE END SECTION	920.29	12" RCP 919.04 (NE) [51]						

ALL CASTING SHALL READ "DUMP TO WASTE DRAINS TO WATERWAY"

NOTE:
 1. ALL WORK TO CONFORM TO CITY OF WESTFIELD STANDARD SPECIFICATIONS AND DETAILS UNLESS OTHERWISE NOTED.
 2. ALL WATER AND SANITARY WORK TO CONFORM TO CITIZENS WESTFIELD STANDARDS.

NOTES:
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GRAND PARK
FIELDHOUSE

186TH ST & KINSEY AVE
WESTFIELD, IN

APPROVAL PENDING
NOT FOR CONSTRUCTION

CERTIFIED BY

ISSUANCE INDEX

DATE:	01/30/2015
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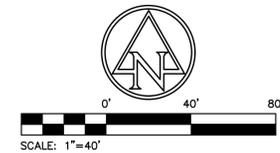
REVISION SCHEDULE

NO.	DESCRIPTION	DATE

Project Number 2014.01793

EROSION
CONTROL PLAN

C400



EXISTING LEGEND

- BEEHIVE INLET
- CURB INLET
- FIRE HYDRANT
- GAS MARKER SIGN
- INLET
- POST
- SANITARY MANHOLE
- TEMPORARY BENCH MARK
- TRANSFORMER
- BURIED GAS LINE
- TOP OF RIM ELEVATION
- INVERT ELEVATION
- PVC
- REINFORCED CONCRETE PIPE
- PLASTIC PIPE

PROPOSED EROSION CONTROL LEGEND

- SILT FENCE
- INLET PROTECTION
- ROCK DONUT INLET PROTECTION
- EROSION CONTROL BLANKET
- SEEDING
- GRAVEL CONSTRUCTION ENTRANCE
- M.E.
- EP
- BC
- TC
- CONTOURS
- FLOW LINE
- CURB ELEVATIONS
- SPOT ELEVATIONS

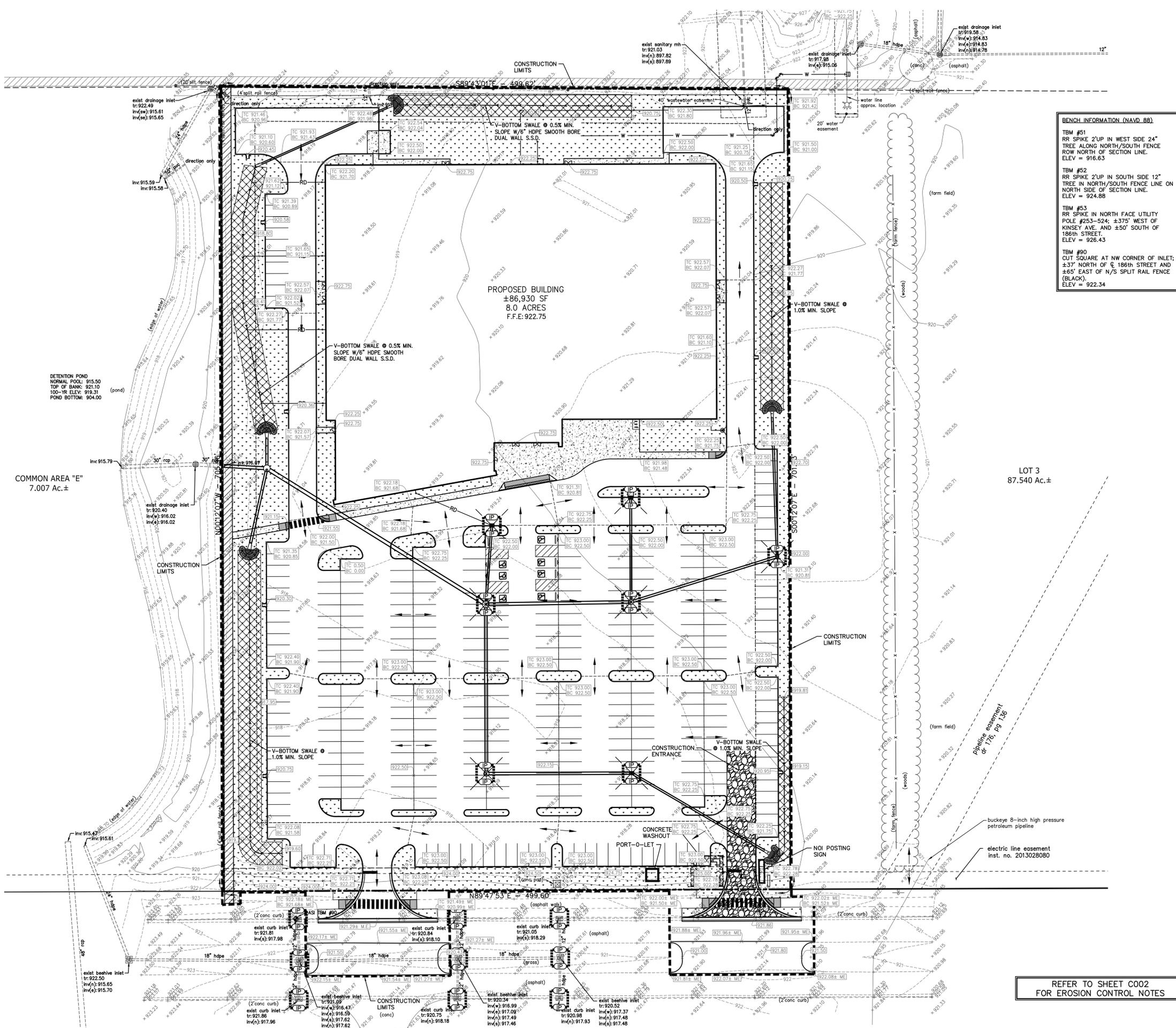
BENCH INFORMATION (NAVD 88)

TBM #51
RR SPIKE 2' UP IN WEST SIDE 24"
TREE ALONG NORTH/SOUTH FENCE
ROW NORTH OF SECTION LINE.
ELEV = 916.63

TBM #52
RR SPIKE 2' UP IN SOUTH SIDE 12"
TREE IN NORTH/SOUTH FENCE LINE ON
NORTH SIDE OF SECTION LINE.
ELEV = 924.88

TBM #53
RR SPIKE IN NORTH FACE UTILITY
POLE #253-524; ±375' WEST OF
KINSEY AVE. AND ±50' SOUTH OF
186TH STREET.
ELEV = 926.43

TBM #90
CUT SQUARE AT NW CORNER OF INLET;
±37' NORTH OF E 186TH STREET AND
±65' EAST OF N/S SPLIT RAIL FENCE
ELEV = 922.34



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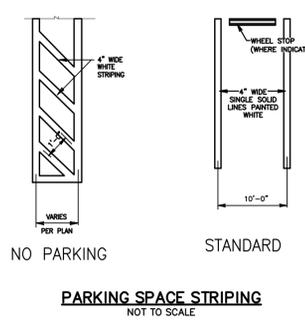
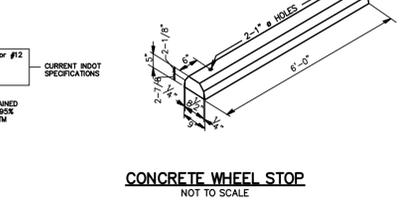
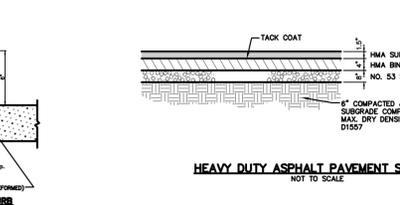
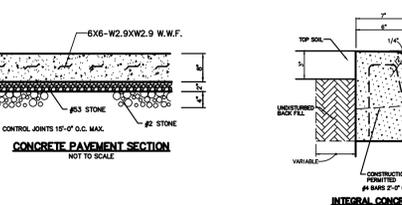
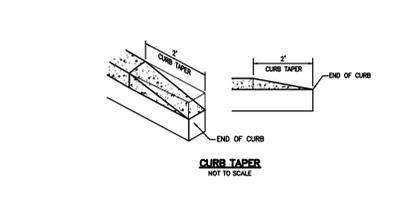
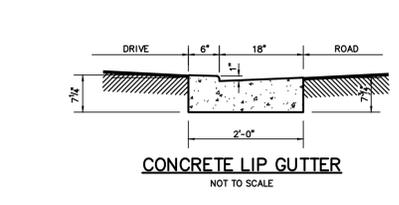
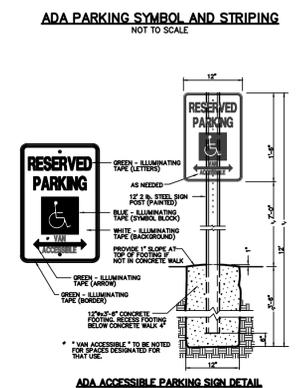
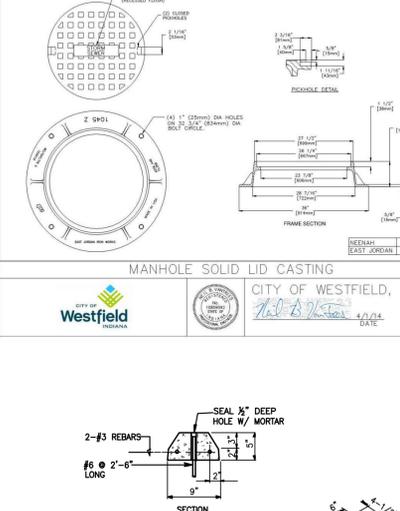
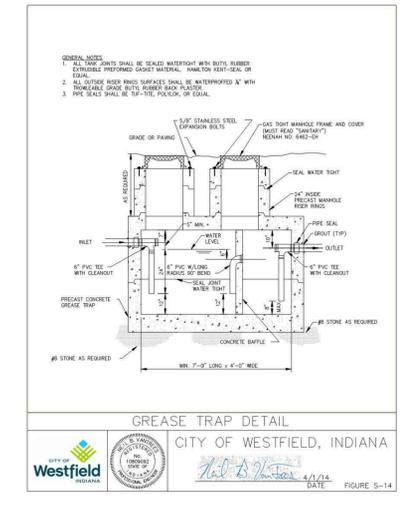
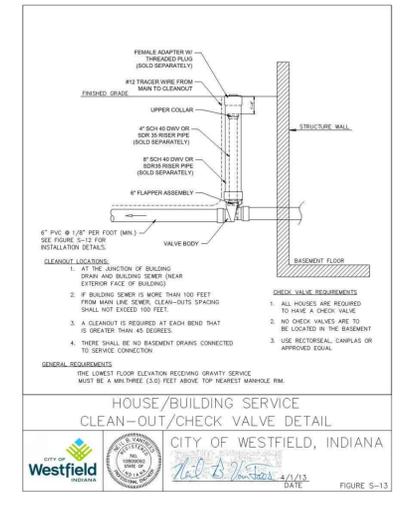
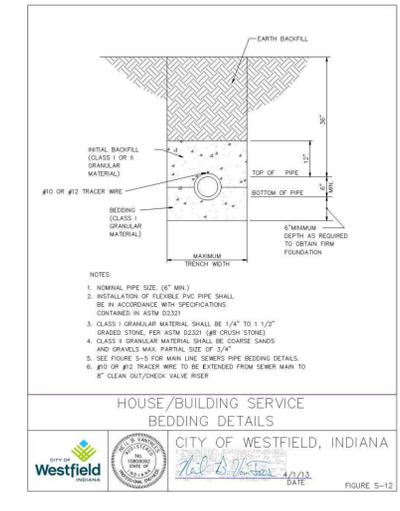
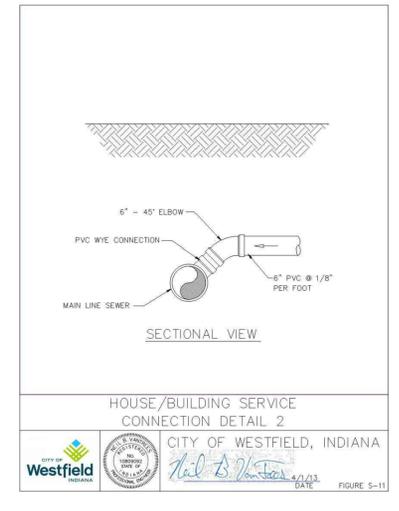
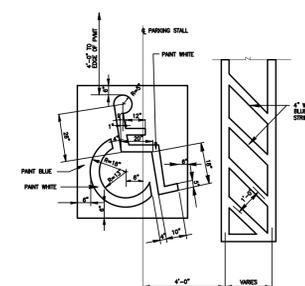
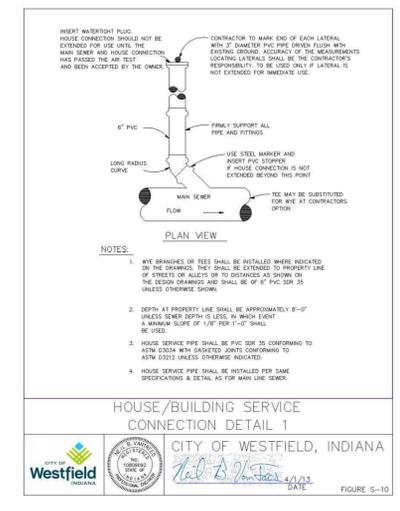
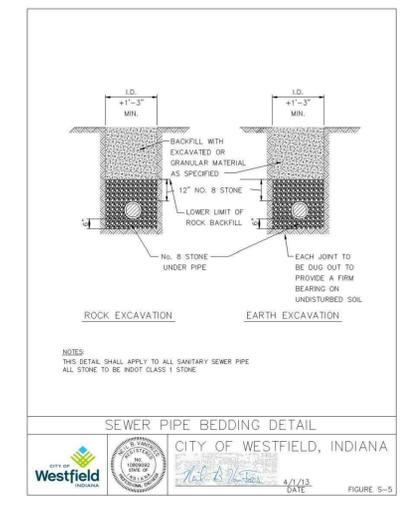
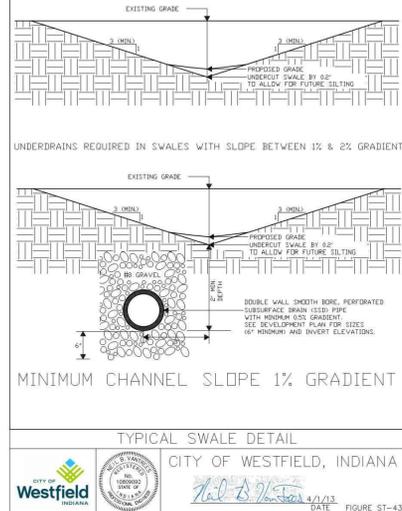
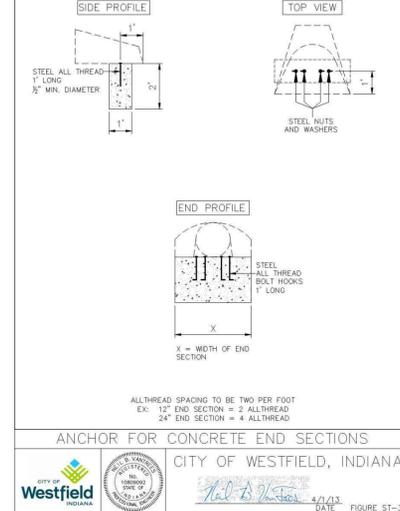
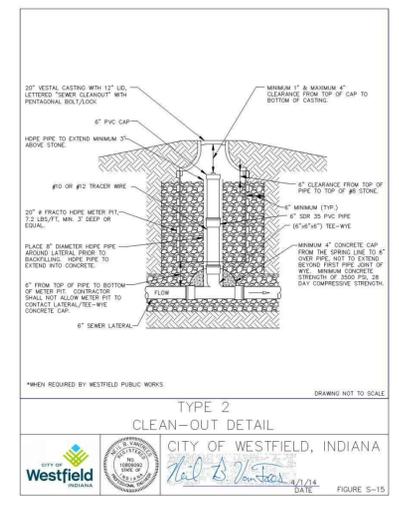
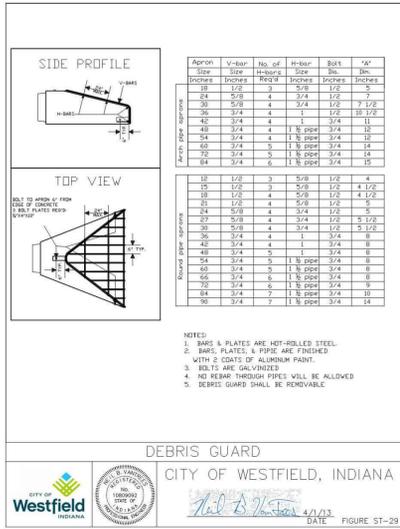
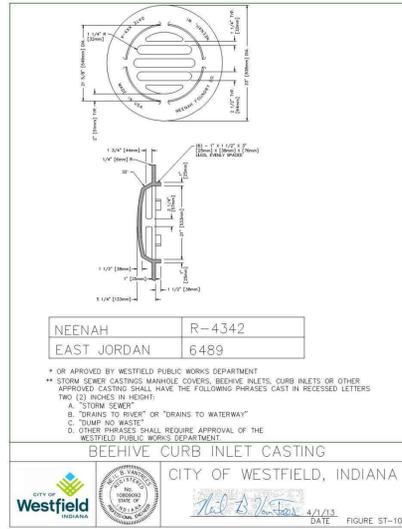
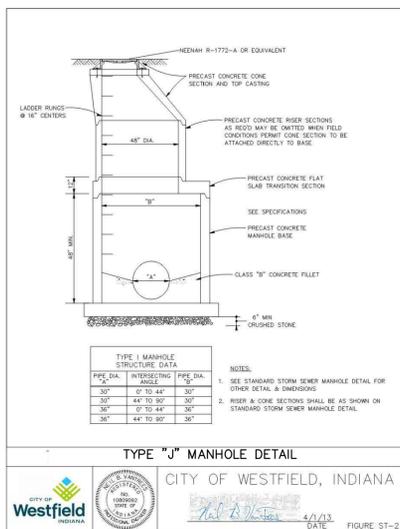
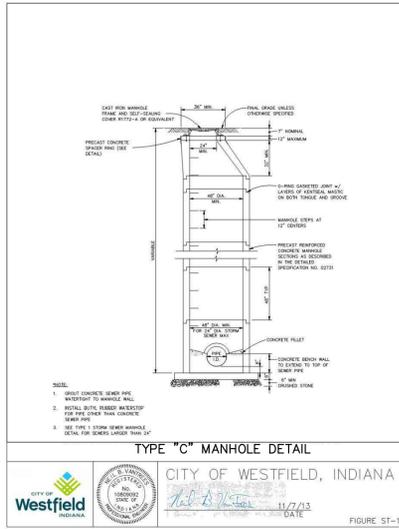
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GRAND PARK FIELDHOUSE

186TH ST & KINSEY AVE
WESTFIELD, IN

APPROVAL PENDING
NOT FOR CONSTRUCTION

CERTIFIED BY

ISSUANCE INDEX

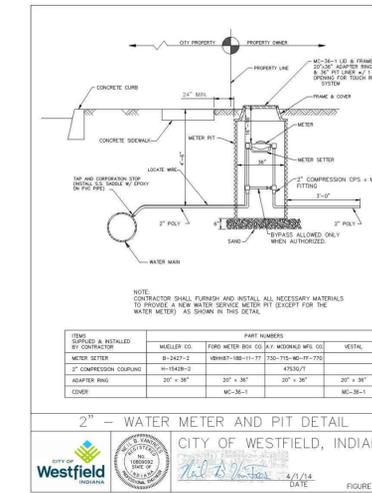
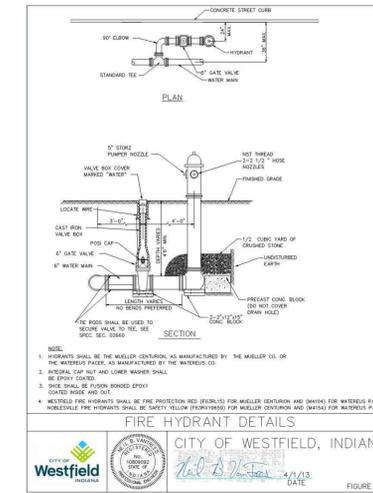
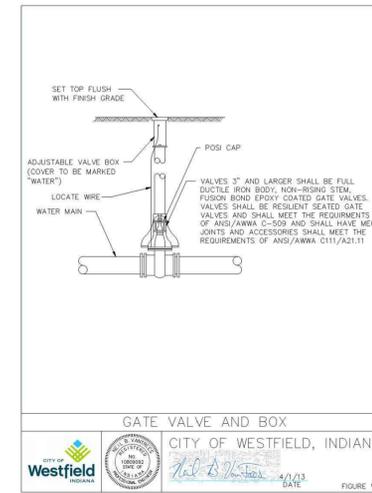
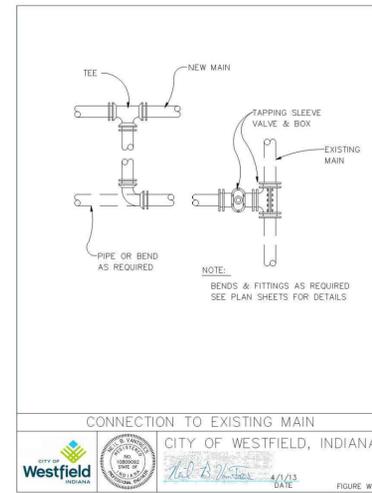
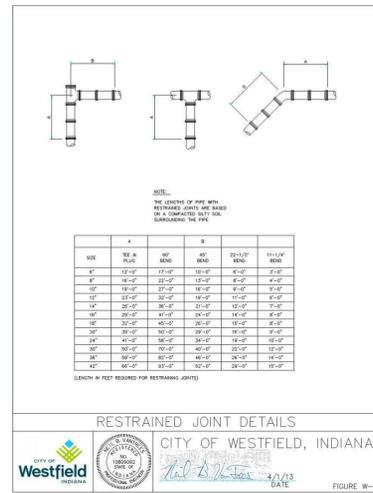
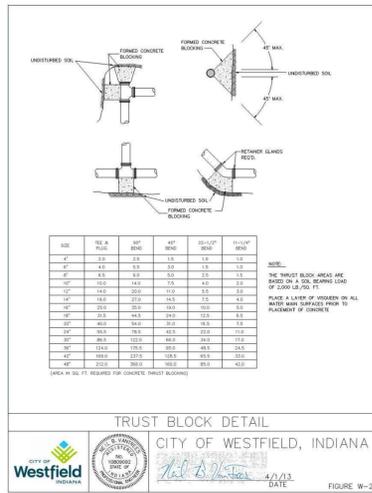
DATE: 01/30/2015

PROJECT PHASE: DEVELOPMENT PLANS

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE

Project Number 2014.01793

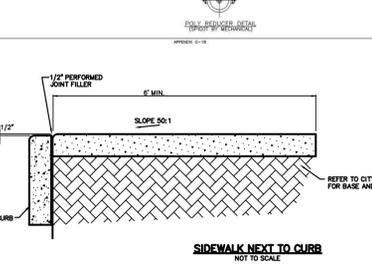
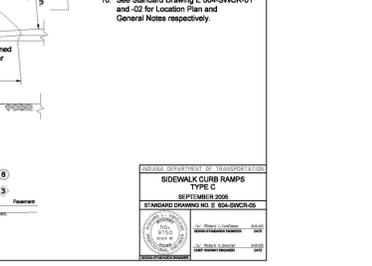
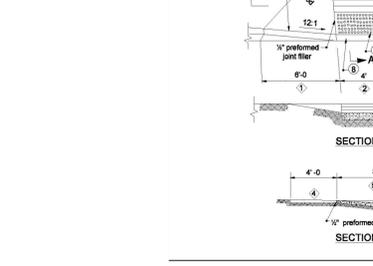
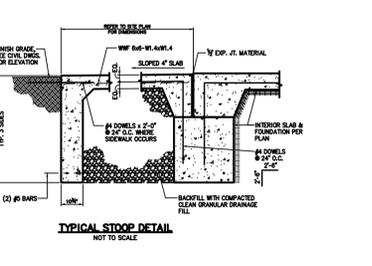
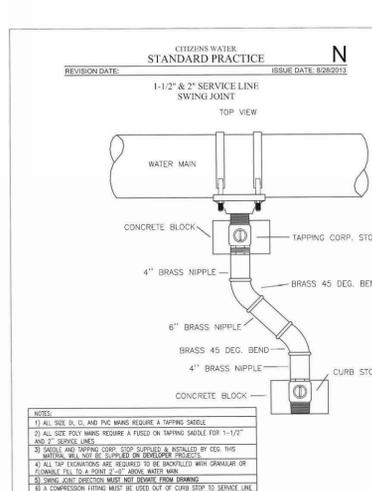
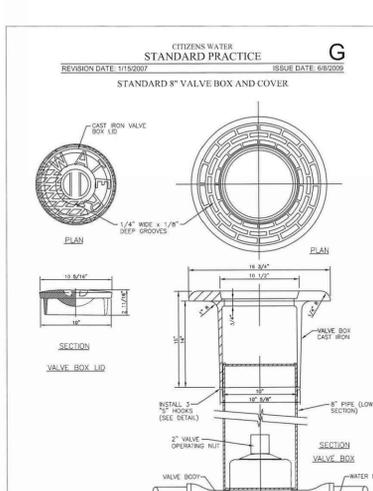
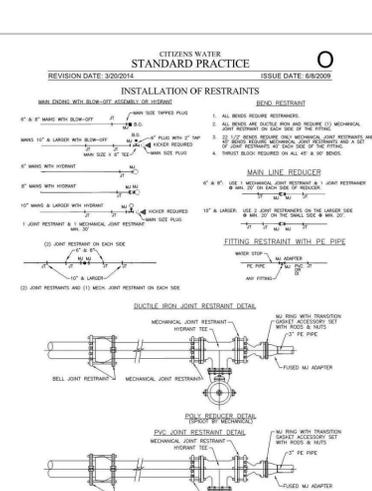
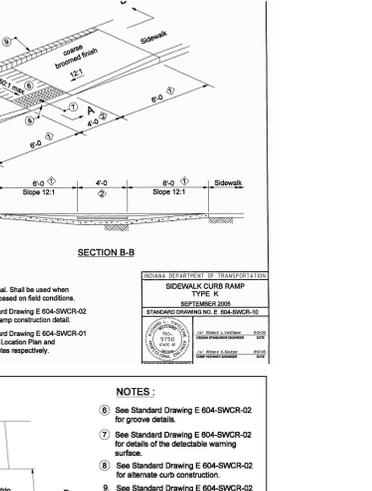
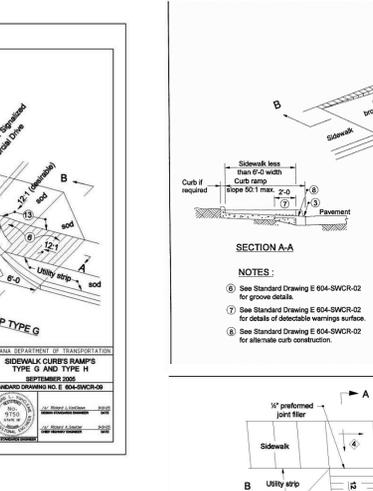
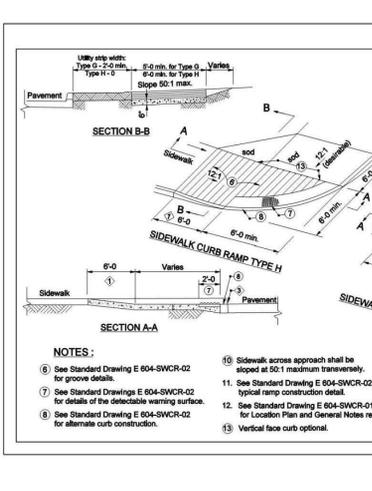
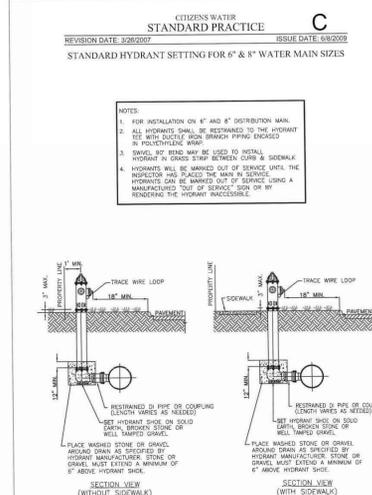
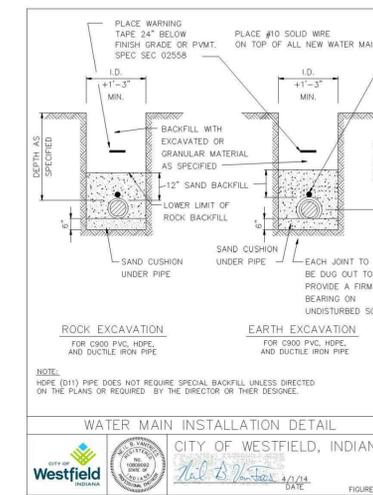
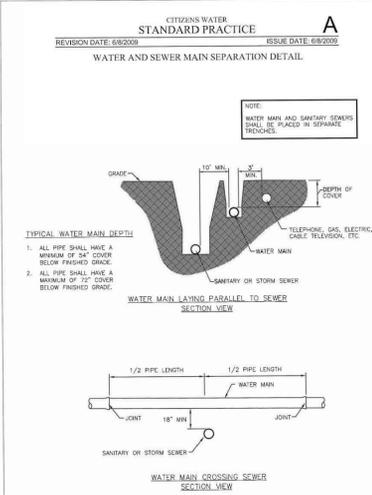
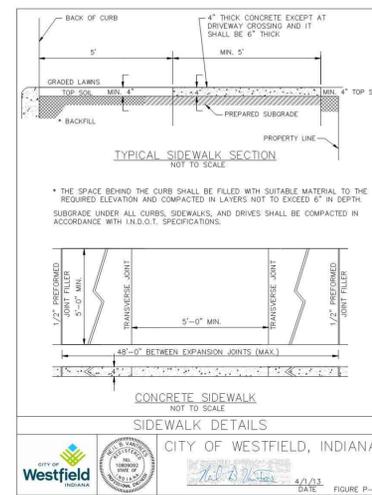
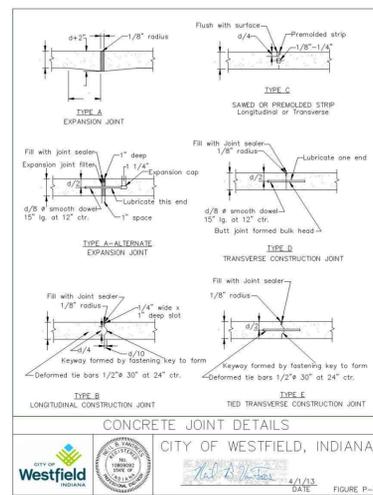
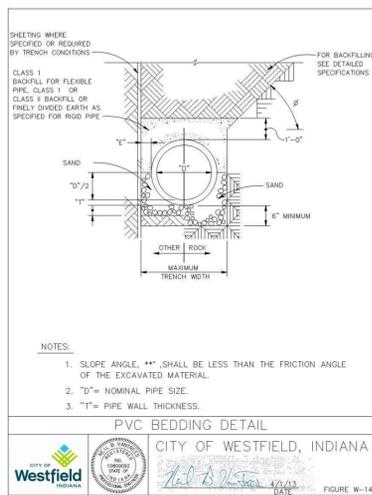
SITE DETAILS
C500



GRAND PARK FIELDHOUSE, LLC

AMERICAN STRUCTUREPOINT INC.

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GRAND PARK FIELDHOUSE

186TH ST & KINSEY AVE WESTFIELD, IN

APPROVAL PENDING NOT FOR CONSTRUCTION

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ISSUANCE INDEX

DATE: 01/30/2015

PROJECT PHASE: DEVELOPMENT PLANS

REVISION SCHEDULE

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SITE DETAILS

C501

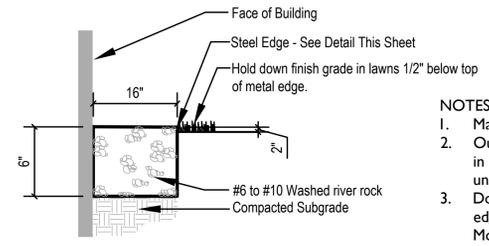
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 PROJECT: GRAND PARK INDOOR SPORTS

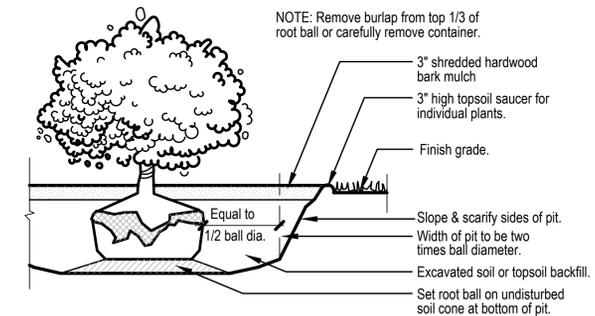
PLANT SCHEDULE					
Symbol	Botanical Name	Common Name	Size	Container	Notes
TREES					
Ace-s	Acer saccharum 'Legacy'	Legacy Sugar Maple	1.5" cal.	B&B	matched
Cer-c	Cercis canadensis	Eastern Redbud	clump form	B&B	3-5 stems
Gin-b	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Sugar Maple	1.5" cal.	B&B	columnar form
Gle-t	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honeylocust	1.5" cal.	B&B	symmetrical, matched, strong central leader
Que-r	Quercus rubra	Road Oak	1.5" cal.	B&B	dug in spring
Ulm-x	Ulmus x 'Princeton'	Princeton Elm	1.5" cal.	B&B	symmetrical, matched, strong central leader
SHRUBS					
Bux-x	Buxus x koreana 'Green Mountain'	Green Mountain Boxwood	24" ht.	container	space @ 3'-0" o.c.
Ite-v	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	24" ht.	container	space @ 3'-0" o.c., allow to mass
Phy-o	Physocarpus opulifolium 'Seward'	Summer Wine Ninebark	24" ht.	container	space @ 4'-0" o.c., allow to mass
Rh-a	Rhus aromatica 'Gro Low'	Gro Low Sumac	24" spread	container	space @ 4' o.c., allow to mass
GROUNDCOVERS, PERENNIALS AND GRASSES					
Cal-x	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1	pot	space @ 3'-0" o.c.
Pan-x	Panicum virgatum 'Cloud Nine'	Cloud Nine Switch Grass	#2	pot	space @ 3'-0" o.c.

 Areas to receive lawn

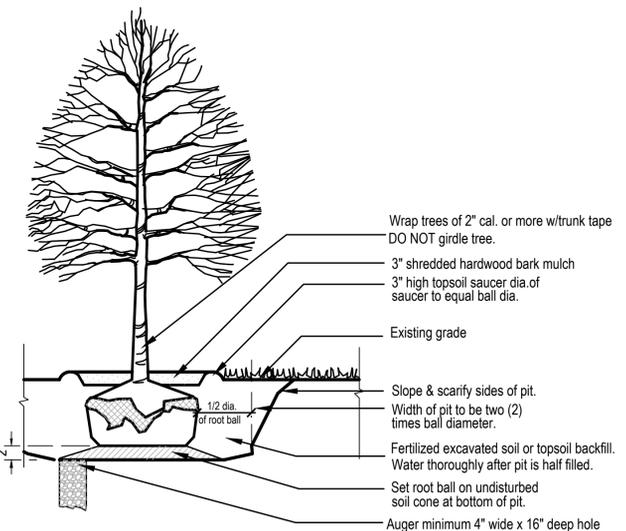


MOW STRIP
Not to Scale

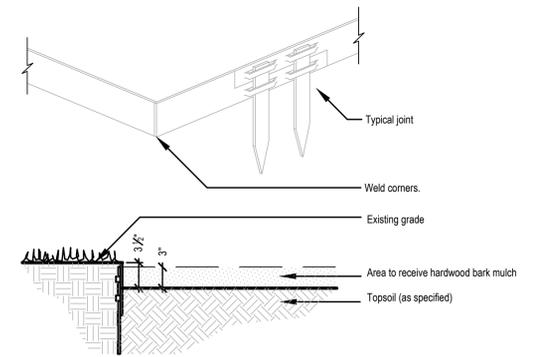
- NOTES:**
- Maintain straight and true edge.
 - Outside edge shall not jog back and forth in response to slight building facade undulations and changes.
 - Do not place steel edging along the edge of hard surfaces, such as sidewalks. Mow strip material shall be graded in such a manner that the pavement is able to contain the mow strip aggregate.



SHRUB PLANTING
Not to Scale



TREE PLANTING
Not to Scale



STEEL EDGE
Not to Scale

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186TH ST & KINSEY AVE WESTFIELD, IN



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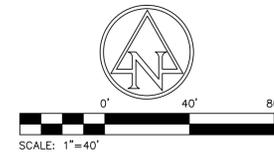
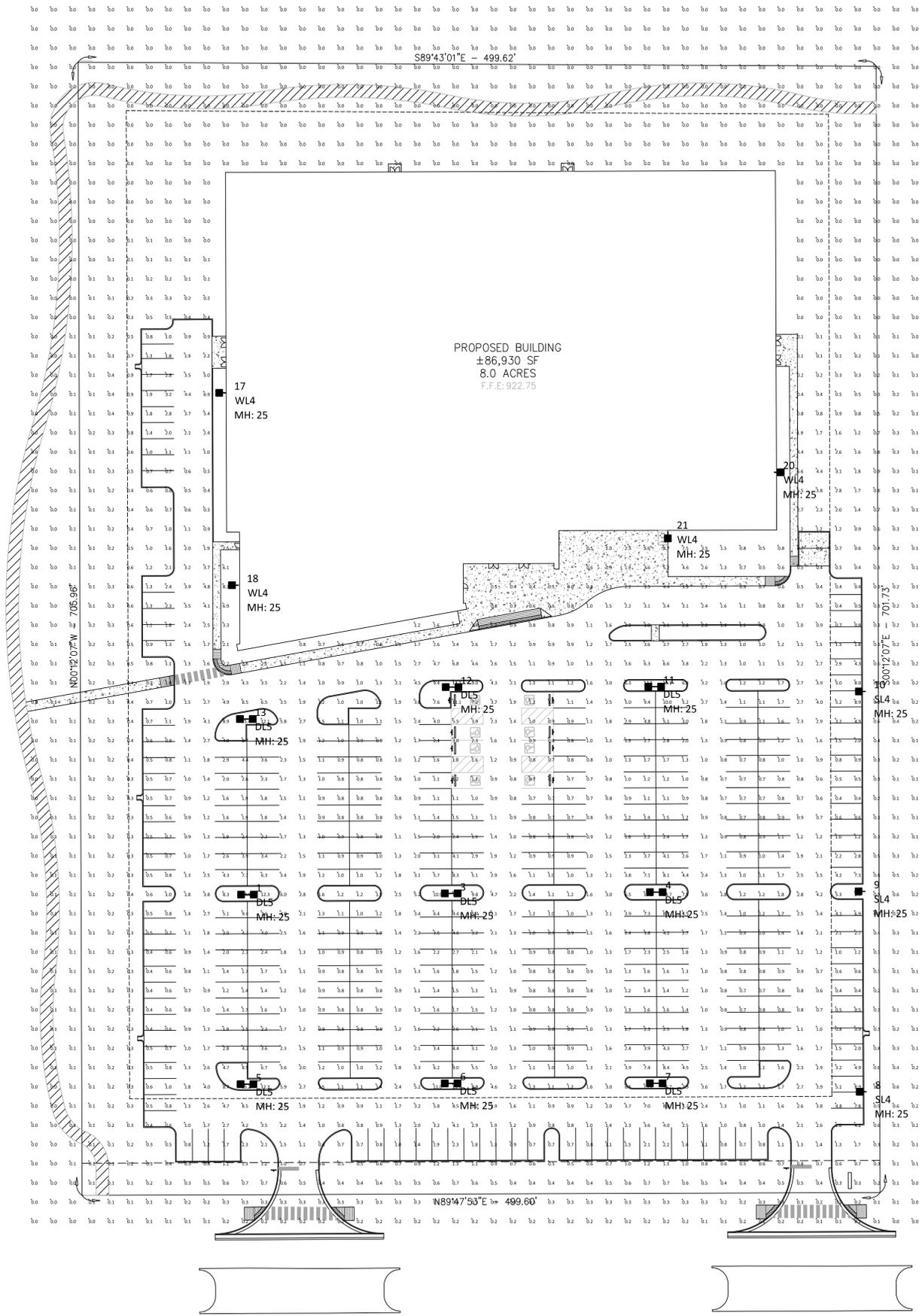
REVISION SCHEDULE		
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Project Number 2014.01793

PLANTING DETAILS

L101

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 EDIT DATE: 2/25/2015 4:16:31 PM
 EDITED BY: WPROCTOR
 DRAWING FILE: P:\RUSS\STRUCTUREPOINT WESTFIELD BASEBALL BLOG\CB06461-R1.DWG



SITE LIGHTING NOTES:

1. ALL POLES ARE 23' TALL MOUNTED ON BASES 2'-0" A.F.G. POLE HEIGHT TO MATCH PARKING LOT POLE HEIGHTS WITHIN GRAND PARK.
2. LIGHT LEVELS ARE MAINTAINED WITH A .92 LIGHT LOSS FACTOR.
3. FOOTCANDLE VALUES ARE SHOWN AT GRADE LEVEL.

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
BASEBALL	Illuminance	Fc	1.17	15.7	0.0	N.A.	N.A.
DRIVEWAYS ADJACENT BUILDING	Illuminance	Fc	1.15	8.3	0.0	N.A.	N.A.
PARKING AREA	Illuminance	Fc	2.22	15.7	0.4	5.55	39.25

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	Arr. Watts	Total Watts	Lum. Lumens
[Symbol]	9	DLS	D180	0.920	TWIN ASSEMBLY CBMC# SLC-D-23-507G-5BC DUAL 194 WATT LED FIXTURES	193.8	387.6	3488.4	18455
[Symbol]	3	SL4	SINGLE	0.920	SINGLE PERIMETER ASSEMBLY CBMC #SLC-C-23-507G-5BC SINGLE 194 WATT LED FIXTURES	194.5	194.5	583.5	18408
[Symbol]	4	WL4	WALL MOUNT	0.920	WALL MOUNTED CBMC #SLC-C-WMB SINGLE 194 WATT LED FIXTURE	194.5	194.5	778	18408



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SITE LIGHTING PHOTOMETRY PLAN C900

CBMC LIGHTING DISTRIBUTION CB06461-R1
 5855 KOPETSKY DR | INDIANAPOLIS, IN 46217
 317-780-8350 | WWW.CBMCINC.COM

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