

PRELIMINARY/FINAL SITE PLAN FOR
KRIL SPORTS COMPLEX
 183 E. HAMBURG STREET
 VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

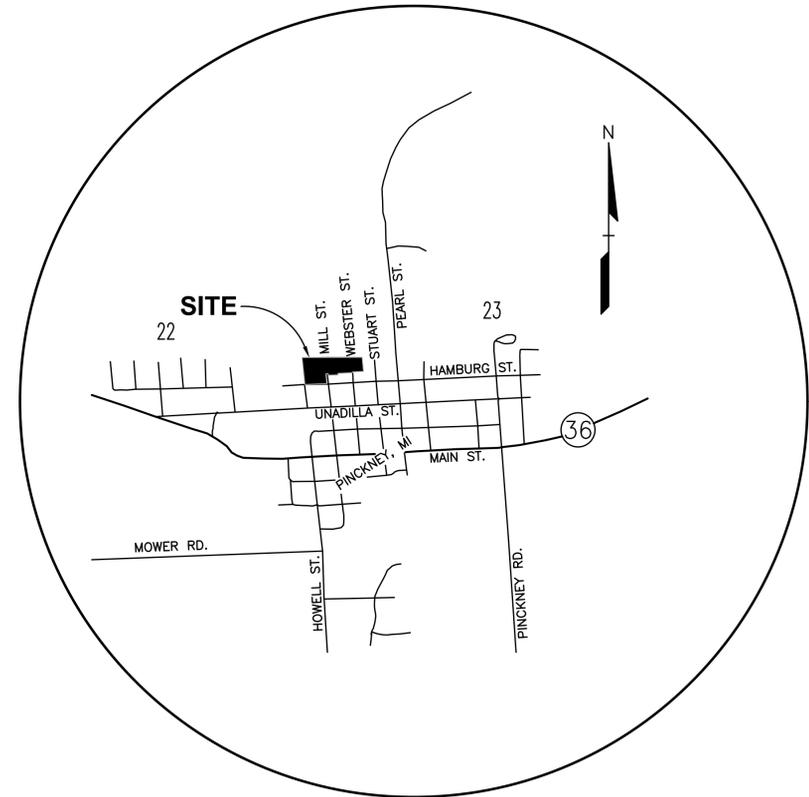
OWNER/APPLICANT/DEVELOPER:

BTC 475 PINCKNEY, LLC
 183 E. HAMBURG STREET
 PINCKNEY, MI 48169
 CONTACT: STEFAN KRILL
 PHONE: 810-299-2978
 EMAIL: SMKRILO@AOL.COM

CIVIL ENGINEER:

PEA, INC.
 7927 NEMCO WAY, SUITE 115
 BRIGHTON, MI 48116
 CONTACT: THOM DUMOND
 PHONE: (248) 546-8583
 FAX: (517) 546-8973
 EMAIL: TDUMOND@PEAINC.COM

- GENERAL NOTES:**
 THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT.
- ALL DIMENSIONS SHOWN ARE TO BACK OF CURB, FACE OF SIDEWALK, OUTSIDE FACE OF BUILDING, PROPERTY LINE, CENTER OF MANHOLE/CATCH BASIN OR CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
 - REFER TO SHEET C-8.0 MDOT STANDARD PLANS FOR ON-SITE SIDEWALK RAMP DETAILS.
 - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH VILLAGE OF PINCKNEY CURRENT STANDARDS AND REGULATIONS.
 - THE CONTRACTOR SHALL NOTIFY THE TOWNSHIP ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
 - ANY WORK WITHIN THE STREET OR HIGHWAY RIGHTS-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION AND SHALL NOT BEGIN UNTIL ALL NECESSARY PERMITS HAVE BEEN ISSUED FOR THE WORK.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST THE TOP OF ALL EXISTING AND PROPOSED STRUCTURES (MANHOLES, CATCH BASINS, INLETS, GATE WELLS ETC.) WITHIN GRADED AND/OR PAVED AREAS TO FINAL GRADE SHOWN ON THE PLANS. ALL SUCH ADJUSTMENTS SHALL BE INCIDENTAL TO THE JOB AND WILL NOT BE PAID FOR SEPARATELY.



LOCATION MAP
 NO SCALE

INDEX OF DRAWINGS:

- C-1.0 - COVER SHEET
- C-1.1 - AREA WIDE PLAN
- C-2.0 - TOPOGRAPHIC SURVEY - WEST
- C-2.1 - TOPOGRAPHIC SURVEY - EAST
- C-3.0 - DEMOLITION PLAN
- C-4.0 - SITE AND PAVING PLAN
- C-5.0 - GRADING PLAN
- C-6.0 - SOIL EROSION & SEDIMENTATION CONTROL
- C-7.0 - UTILITY PLAN
- C-8.0 - NOTES AND DETAILS I
- C-8.1 - NOTES AND DETAILS II
- C-8.2 - VILLAGE OF PINCKNEY STANDARD DETAILS I
- C-8.3 - VILLAGE OF PINCKNEY STANDARD DETAILS II
- SL-1.0 - PHOTOMETRIC PLAN
- SL-2.0 - PHOTOMETRIC DETAILS
- L-1.0 - LANDSCAPE PLAN
- L-2.0 - LANDSCAPE SPECIFICATIONS
- L-2.1 - LANDSCAPE SPECIFICATIONS
- A1 PROPOSED FLOOR PLAN
- A2 PROPOSED EXTERIOR ELEVATIONS AND MEZZANINE PLAN

NO.	DATE	DESCRIPTION
1	7/20/18	ISSUED PER VILLAGE REVIEW
2	7/26/18	REVISED PER VILLAGE REVIEW
3	8/1/18	REVISED PER VILLAGE REVIEW
4	8/1/18	REVISED PER VILLAGE REVIEW
5	8/1/18	REVISED PER VILLAGE REVIEW
6	8/1/18	REVISED PER VILLAGE REVIEW
7	8/1/18	REVISED PER VILLAGE REVIEW
8	8/1/18	REVISED PER VILLAGE REVIEW
9	8/1/18	REVISED PER VILLAGE REVIEW
10	8/1/18	REVISED PER VILLAGE REVIEW
11	8/1/18	REVISED PER VILLAGE REVIEW
12	8/1/18	REVISED PER VILLAGE REVIEW
13	8/1/18	REVISED PER VILLAGE REVIEW
14	8/1/18	REVISED PER VILLAGE REVIEW
15	8/1/18	REVISED PER VILLAGE REVIEW
16	8/1/18	REVISED PER VILLAGE REVIEW
17	8/1/18	REVISED PER VILLAGE REVIEW
18	8/1/18	REVISED PER VILLAGE REVIEW
19	8/1/18	REVISED PER VILLAGE REVIEW
20	8/1/18	REVISED PER VILLAGE REVIEW
21	8/1/18	REVISED PER VILLAGE REVIEW
22	8/1/18	REVISED PER VILLAGE REVIEW
23	8/1/18	REVISED PER VILLAGE REVIEW
24	8/1/18	REVISED PER VILLAGE REVIEW
25	8/1/18	REVISED PER VILLAGE REVIEW
26	8/1/18	REVISED PER VILLAGE REVIEW
27	8/1/18	REVISED PER VILLAGE REVIEW
28	8/1/18	REVISED PER VILLAGE REVIEW
29	8/1/18	REVISED PER VILLAGE REVIEW
30	8/1/18	REVISED PER VILLAGE REVIEW
31	8/1/18	REVISED PER VILLAGE REVIEW
32	8/1/18	REVISED PER VILLAGE REVIEW
33	8/1/18	REVISED PER VILLAGE REVIEW
34	8/1/18	REVISED PER VILLAGE REVIEW
35	8/1/18	REVISED PER VILLAGE REVIEW
36	8/1/18	REVISED PER VILLAGE REVIEW
37	8/1/18	REVISED PER VILLAGE REVIEW
38	8/1/18	REVISED PER VILLAGE REVIEW
39	8/1/18	REVISED PER VILLAGE REVIEW
40	8/1/18	REVISED PER VILLAGE REVIEW
41	8/1/18	REVISED PER VILLAGE REVIEW
42	8/1/18	REVISED PER VILLAGE REVIEW
43	8/1/18	REVISED PER VILLAGE REVIEW
44	8/1/18	REVISED PER VILLAGE REVIEW
45	8/1/18	REVISED PER VILLAGE REVIEW
46	8/1/18	REVISED PER VILLAGE REVIEW
47	8/1/18	REVISED PER VILLAGE REVIEW
48	8/1/18	REVISED PER VILLAGE REVIEW
49	8/1/18	REVISED PER VILLAGE REVIEW
50	8/1/18	REVISED PER VILLAGE REVIEW
51	8/1/18	REVISED PER VILLAGE REVIEW
52	8/1/18	REVISED PER VILLAGE REVIEW
53	8/1/18	REVISED PER VILLAGE REVIEW
54	8/1/18	REVISED PER VILLAGE REVIEW
55	8/1/18	REVISED PER VILLAGE REVIEW
56	8/1/18	REVISED PER VILLAGE REVIEW
57	8/1/18	REVISED PER VILLAGE REVIEW
58	8/1/18	REVISED PER VILLAGE REVIEW
59	8/1/18	REVISED PER VILLAGE REVIEW
60	8/1/18	REVISED PER VILLAGE REVIEW
61	8/1/18	REVISED PER VILLAGE REVIEW
62	8/1/18	REVISED PER VILLAGE REVIEW
63	8/1/18	REVISED PER VILLAGE REVIEW
64	8/1/18	REVISED PER VILLAGE REVIEW
65	8/1/18	REVISED PER VILLAGE REVIEW
66	8/1/18	REVISED PER VILLAGE REVIEW
67	8/1/18	REVISED PER VILLAGE REVIEW
68	8/1/18	REVISED PER VILLAGE REVIEW
69	8/1/18	REVISED PER VILLAGE REVIEW
70	8/1/18	REVISED PER VILLAGE REVIEW
71	8/1/18	REVISED PER VILLAGE REVIEW
72	8/1/18	REVISED PER VILLAGE REVIEW
73	8/1/18	REVISED PER VILLAGE REVIEW
74	8/1/18	REVISED PER VILLAGE REVIEW
75	8/1/18	REVISED PER VILLAGE REVIEW
76	8/1/18	REVISED PER VILLAGE REVIEW
77	8/1/18	REVISED PER VILLAGE REVIEW
78	8/1/18	REVISED PER VILLAGE REVIEW
79	8/1/18	REVISED PER VILLAGE REVIEW
80	8/1/18	REVISED PER VILLAGE REVIEW
81	8/1/18	REVISED PER VILLAGE REVIEW
82	8/1/18	REVISED PER VILLAGE REVIEW
83	8/1/18	REVISED PER VILLAGE REVIEW
84	8/1/18	REVISED PER VILLAGE REVIEW
85	8/1/18	REVISED PER VILLAGE REVIEW
86	8/1/18	REVISED PER VILLAGE REVIEW
87	8/1/18	REVISED PER VILLAGE REVIEW
88	8/1/18	REVISED PER VILLAGE REVIEW
89	8/1/18	REVISED PER VILLAGE REVIEW
90	8/1/18	REVISED PER VILLAGE REVIEW
91	8/1/18	REVISED PER VILLAGE REVIEW
92	8/1/18	REVISED PER VILLAGE REVIEW
93	8/1/18	REVISED PER VILLAGE REVIEW
94	8/1/18	REVISED PER VILLAGE REVIEW
95	8/1/18	REVISED PER VILLAGE REVIEW
96	8/1/18	REVISED PER VILLAGE REVIEW
97	8/1/18	REVISED PER VILLAGE REVIEW
98	8/1/18	REVISED PER VILLAGE REVIEW
99	8/1/18	REVISED PER VILLAGE REVIEW
100	8/1/18	REVISED PER VILLAGE REVIEW



CAUTION!
 THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE SUBMITTED ON THE CONDITION THAT THEY ARE NOT TO BE USED, REPRODUCED, OR COPIED IN WHOLE OR IN PART, OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF PEA, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2018 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERAL ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR THE SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THE CONTRACTOR SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO CONTROL WORKING HOURS AND CONSTRUCTION SCHEDULE FROM ANY FEDERAL, STATE, LOCAL, OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL
811
 Know what's below
 Call before you dig
 MISS Dig System, Inc.
 1-800-482-7171 www.missdig.org
 10251 FREE



PEA, Inc.
 7927 Nemco Way, Ste. 115
 Brighton, MI 48116
 t: 517.546.8583
 f: 546.546.8973
 www.peainc.com

BTC 475 PINCKNEY LLC 183 E. HAMBURG STREET PINCKNEY, MI 48169	DES. WR	DN. IB	SUR. XXX	P.M. JEC
KRIL SPORTS COMPLEX PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E., VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN				

ORIGINAL ISSUE DATE:
 AUGUST 16, 2018
 PEA JOB NO. 2018-042
 SCALE: NO SCALE
 DRAWING NUMBER:
C-1.0

XREF: S:\PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG
 XREF: S:\PROJECTS\2018\2018042\DWG\SITE PLANS\V-BASE SP 2018-042.DWG
 XREF: S:\PROJECTS\2018\2018042\DWG\SITE PLANS\V-TBLK SP 2018-042.DWG

TITLE COMMITMENT LEGAL DESCRIPTION
(DESCRIBES CONDITIONALLY RE-ZONED PORTION OF THE SITE)

PARCEL 4:
Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5:
Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 284 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plat; thence west 264 feet to the place of beginning.

PARCEL 6:
All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 7:
Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence easterly to the NW corner of Lot 4, block 8, range 6 of the said plat; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence westerly 66 feet along said right-of-way to a point directly north of the point of beginning; thence southerly to the point of beginning.

PARCEL 8:
The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

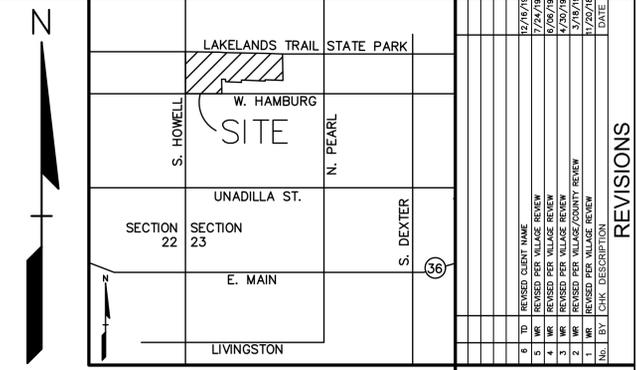
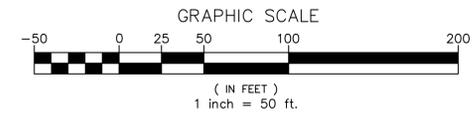
LAND AREA
The subject property has atotal combined area of 113,653 Square Feet (2.61 Acres), more or less.

Parcel 4 has an area of 70,427 Square Feet (1.62 Acres), more or less.
Parcel 5 has an area of 24,019 Square Feet (0.55 Acres), more or less.
Parcel 6 has an area of 8,704 Square Feet (0.20 Acres), more or less.
Parcel 7 has an area of 6,151 Square Feet (0.14 Acres), more or less.
Parcel 8 has an area of 4,352 Square Feet (0.10 Acres), more or less.

BASIS OF BEARING
Bearings are based on the description found in Exhibit "A" of the Commitment for Title Insurance issued by LandAmerica Lawyers Title dated October 28, 2005, and revised March 9, 2006, as Commitment No. 066161235, using a bearing of North 00°37'49" West for the East line of Lot 3 of Block 8, Range 7 of the Plat of the City of Pinkney.

SOILS CLASSIFICATION:
PER THE US DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SOILS MAP FOR LIVINGSTON COUNTY, SITE SOILS CONSIST OF:
FoA FOX SANDY LOAM, 0 TO 2 PERCENT SLOPES

FLOODPLAIN NOTE:
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE 'X' (UNSHADED), AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FLOOD INSURANCE RATE MAP NUMBER 26093C04300, DATED SEPTEMBER 17, 2008.



NO.	DATE	DESCRIPTION
1	7/20/16	REVISED PER VILLAGE REVIEW
2	7/20/16	REVISED PER VILLAGE REVIEW
3	7/20/16	REVISED PER VILLAGE REVIEW
4	7/20/16	REVISED PER VILLAGE REVIEW
5	7/20/16	REVISED PER VILLAGE REVIEW
6	7/20/16	REVISED PER VILLAGE REVIEW
7	7/20/16	REVISED PER VILLAGE REVIEW
8	7/20/16	REVISED PER VILLAGE REVIEW
9	7/20/16	REVISED PER VILLAGE REVIEW
10	7/20/16	REVISED PER VILLAGE REVIEW
11	7/20/16	REVISED PER VILLAGE REVIEW
12	7/20/16	REVISED PER VILLAGE REVIEW
13	7/20/16	REVISED PER VILLAGE REVIEW
14	7/20/16	REVISED PER VILLAGE REVIEW
15	7/20/16	REVISED PER VILLAGE REVIEW
16	7/20/16	REVISED PER VILLAGE REVIEW
17	7/20/16	REVISED PER VILLAGE REVIEW
18	7/20/16	REVISED PER VILLAGE REVIEW
19	7/20/16	REVISED PER VILLAGE REVIEW
20	7/20/16	REVISED PER VILLAGE REVIEW
21	7/20/16	REVISED PER VILLAGE REVIEW
22	7/20/16	REVISED PER VILLAGE REVIEW
23	7/20/16	REVISED PER VILLAGE REVIEW
24	7/20/16	REVISED PER VILLAGE REVIEW
25	7/20/16	REVISED PER VILLAGE REVIEW
26	7/20/16	REVISED PER VILLAGE REVIEW
27	7/20/16	REVISED PER VILLAGE REVIEW
28	7/20/16	REVISED PER VILLAGE REVIEW
29	7/20/16	REVISED PER VILLAGE REVIEW
30	7/20/16	REVISED PER VILLAGE REVIEW
31	7/20/16	REVISED PER VILLAGE REVIEW
32	7/20/16	REVISED PER VILLAGE REVIEW
33	7/20/16	REVISED PER VILLAGE REVIEW
34	7/20/16	REVISED PER VILLAGE REVIEW
35	7/20/16	REVISED PER VILLAGE REVIEW
36	7/20/16	REVISED PER VILLAGE REVIEW
37	7/20/16	REVISED PER VILLAGE REVIEW
38	7/20/16	REVISED PER VILLAGE REVIEW
39	7/20/16	REVISED PER VILLAGE REVIEW
40	7/20/16	REVISED PER VILLAGE REVIEW
41	7/20/16	REVISED PER VILLAGE REVIEW
42	7/20/16	REVISED PER VILLAGE REVIEW
43	7/20/16	REVISED PER VILLAGE REVIEW
44	7/20/16	REVISED PER VILLAGE REVIEW
45	7/20/16	REVISED PER VILLAGE REVIEW
46	7/20/16	REVISED PER VILLAGE REVIEW
47	7/20/16	REVISED PER VILLAGE REVIEW
48	7/20/16	REVISED PER VILLAGE REVIEW
49	7/20/16	REVISED PER VILLAGE REVIEW
50	7/20/16	REVISED PER VILLAGE REVIEW
51	7/20/16	REVISED PER VILLAGE REVIEW
52	7/20/16	REVISED PER VILLAGE REVIEW
53	7/20/16	REVISED PER VILLAGE REVIEW
54	7/20/16	REVISED PER VILLAGE REVIEW
55	7/20/16	REVISED PER VILLAGE REVIEW
56	7/20/16	REVISED PER VILLAGE REVIEW
57	7/20/16	REVISED PER VILLAGE REVIEW
58	7/20/16	REVISED PER VILLAGE REVIEW
59	7/20/16	REVISED PER VILLAGE REVIEW
60	7/20/16	REVISED PER VILLAGE REVIEW
61	7/20/16	REVISED PER VILLAGE REVIEW
62	7/20/16	REVISED PER VILLAGE REVIEW
63	7/20/16	REVISED PER VILLAGE REVIEW
64	7/20/16	REVISED PER VILLAGE REVIEW
65	7/20/16	REVISED PER VILLAGE REVIEW
66	7/20/16	REVISED PER VILLAGE REVIEW
67	7/20/16	REVISED PER VILLAGE REVIEW
68	7/20/16	REVISED PER VILLAGE REVIEW
69	7/20/16	REVISED PER VILLAGE REVIEW
70	7/20/16	REVISED PER VILLAGE REVIEW
71	7/20/16	REVISED PER VILLAGE REVIEW
72	7/20/16	REVISED PER VILLAGE REVIEW
73	7/20/16	REVISED PER VILLAGE REVIEW
74	7/20/16	REVISED PER VILLAGE REVIEW
75	7/20/16	REVISED PER VILLAGE REVIEW
76	7/20/16	REVISED PER VILLAGE REVIEW
77	7/20/16	REVISED PER VILLAGE REVIEW
78	7/20/16	REVISED PER VILLAGE REVIEW
79	7/20/16	REVISED PER VILLAGE REVIEW
80	7/20/16	REVISED PER VILLAGE REVIEW
81	7/20/16	REVISED PER VILLAGE REVIEW
82	7/20/16	REVISED PER VILLAGE REVIEW
83	7/20/16	REVISED PER VILLAGE REVIEW
84	7/20/16	REVISED PER VILLAGE REVIEW
85	7/20/16	REVISED PER VILLAGE REVIEW
86	7/20/16	REVISED PER VILLAGE REVIEW
87	7/20/16	REVISED PER VILLAGE REVIEW
88	7/20/16	REVISED PER VILLAGE REVIEW
89	7/20/16	REVISED PER VILLAGE REVIEW
90	7/20/16	REVISED PER VILLAGE REVIEW
91	7/20/16	REVISED PER VILLAGE REVIEW
92	7/20/16	REVISED PER VILLAGE REVIEW
93	7/20/16	REVISED PER VILLAGE REVIEW
94	7/20/16	REVISED PER VILLAGE REVIEW
95	7/20/16	REVISED PER VILLAGE REVIEW
96	7/20/16	REVISED PER VILLAGE REVIEW
97	7/20/16	REVISED PER VILLAGE REVIEW
98	7/20/16	REVISED PER VILLAGE REVIEW
99	7/20/16	REVISED PER VILLAGE REVIEW
100	7/20/16	REVISED PER VILLAGE REVIEW



CAUTION!!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE SUBMITTED ON THE CONDITION THAT THEY ARE NOT TO BE USED, REPRODUCED, OR COPIED IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS, WITHOUT THE PRIOR WRITTEN CONSENT OF PEA, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2018 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THE REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION ACTIVITIES FROM ANY FEDERAL, STATE, LOCAL, OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811

Know what's below
Call before you dig

MISS Dig System, Inc.
1-800-482-7171 www.missdig.org



PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINKNEY LLC	DES.	WR	DN	IB	SUR	XXX	P.M.	JEC
183 E. HAMBURG STREET PINKNEY, MI 48168								
AREA WIDE PLAN								
KRIL SPORTS COMPLEX								
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E., VILLAGE OF PINKNEY, LIVINGSTON COUNTY, MICHIGAN								

REFER TO SHEET C-7.0 FOR FURTHER INFORMATION ON SEWER AND WATER LEADS

REFER TO SHEET C-4.0 FOR PARCELS NUMBERS OF NEIGHBORING PROERTY OWNERS

REFER TO SHEETS C-2.0 AND C-2.1 FOR EXISTING CONTOUR INFORMATION

ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO. 2018-042

SCALE: 1" = 50'

DRAWING NUMBER:
C-1.1

XREF: S:\PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE PLANS\1-BASE.SP.2018-042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE PLANS\1-TBLK.SP.2018-042.DWG

LEGAL DESCRIPTION
(Per Mortgage Survey, KEM-TEC Job. No. 15-03702, Dated 09/29/15)

PARCEL 2:
Land in the Southwest 1/4 of Section 23, Town 1 North, Range 4 East, Village of Pinckney, Livingston County, Michigan described as follows: All of lots 1, 2, 3 and 4 of Block 8, Range 5 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records; also all that land lying North of said Lots and South of the Grand Trunk Railroad right of way (100 feet wide); also the North 20 feet of Lots 5 and 6 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 3:
A part of Lots 3 and 4 and land lying North of Lots 3 and 4 of Block 8, Range 7 of the PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records, more particularly described as follows: Commencing at the Southeast Corner of said Lot 3; thence North 00 degrees 37 minutes 49 seconds West along the East of said Lot 3, 11.00 feet to the point of beginning; thence continuing North 00 degrees 49 minutes West along said East lot line and extension thereof, 193.62 feet; thence North 86 degrees 26 minutes West (North 85 degrees 14 minutes 37 seconds West, recorded), along the Southerly line of the Grand Trunk Railroad Right of Way (100 feet wide), 132.50 feet (132.41 feet recorded); thence South 00 degrees 42 minutes 12 seconds East (South 00 degrees 37 minutes 49 seconds East, recorded), along the West line of Lot 4 extension thereof, 197.43 feet (199.30 feet recorded); thence South 67 degrees 41 minutes 47 seconds East 132.00 feet to the point of beginning.

Also: That part of Webster Street lying between Lot 1, Block 8, Range 6 and Lot 4, Block 8, Range 7 and running to the Grand Trunk Railroad right of way of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 4:
Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5:
Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 264 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plat; thence west 264 feet to the place of beginning.

PARCEL 6:
All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 7:
Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence southerly to the point of beginning.

PARCEL 8:
The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

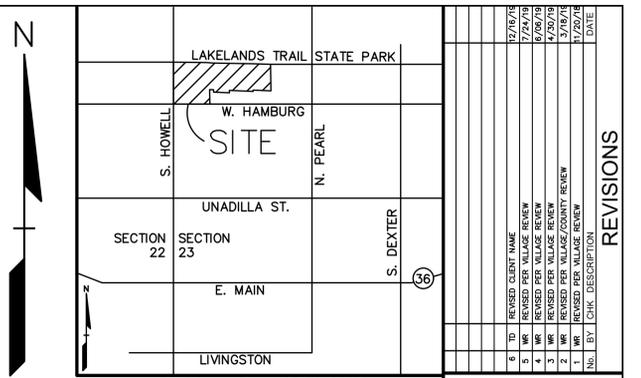
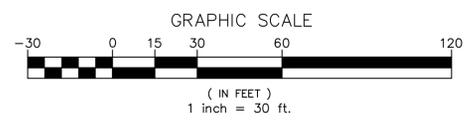
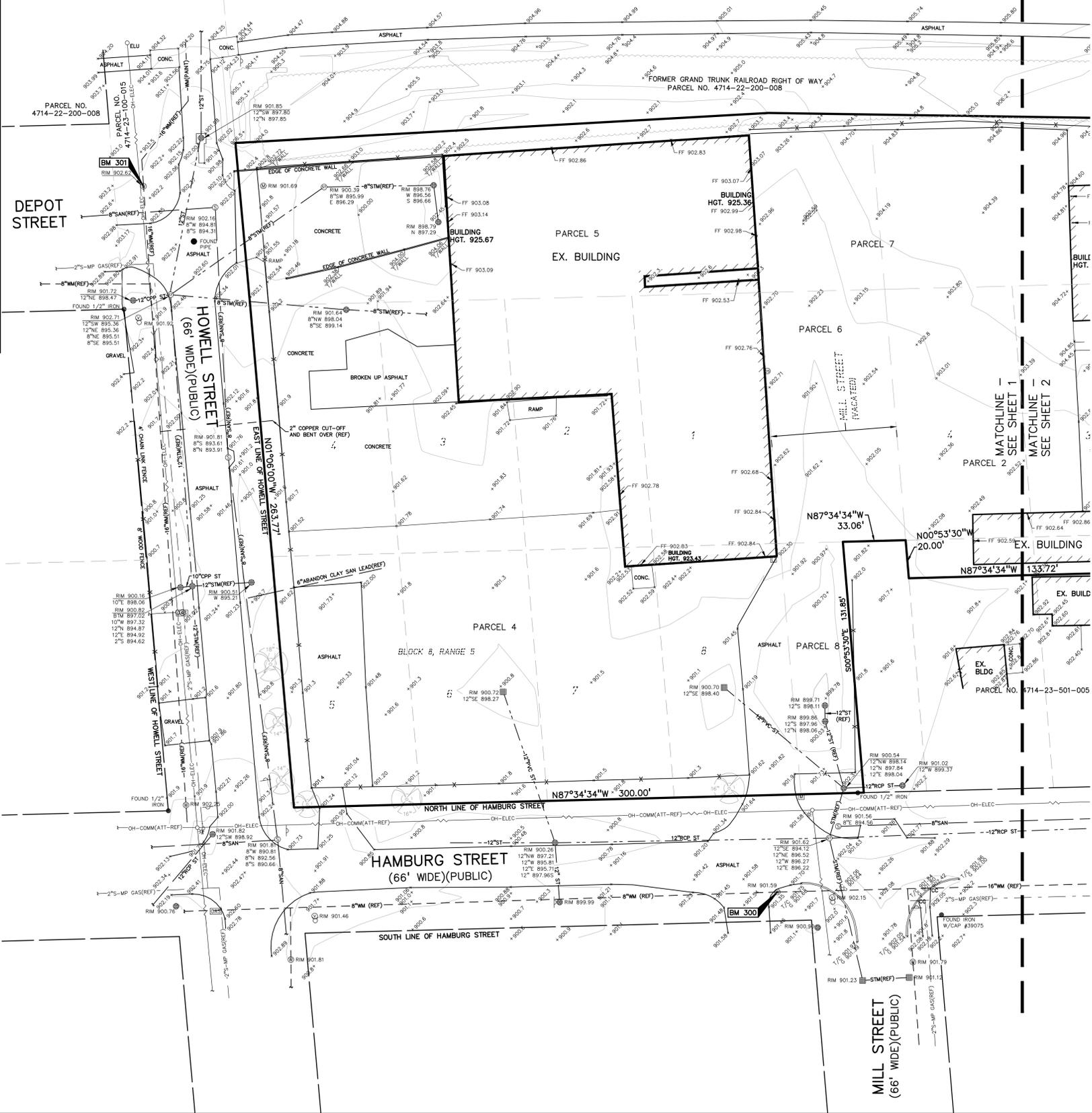
PARCEL 9:
All that part of the Southwest 1/4 of the Northwest 1/4 and the Northwest 1/4 of the Southwest 1/4 of Section 23, and that part of Lot 2, Block 8, Range 7, PLAT OF VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records described as Commencing at the Southwest corner of said Lot 2; thence North 00 degrees 37 minutes 49 seconds West along the West lot line 11.0 feet to the point of beginning; thence continuing North 00 degrees 37 minutes 49 seconds West 193.62 feet to the South right of way line of the Michigan Department of Transportation railroad, formerly Grand Trunk; thence South 85 degrees 14 minutes 37 seconds East along said railroad right of way line as extended, 18.39 feet; thence South 00 degrees 37 minutes 49 seconds East, 192.83 feet; thence North 87 degrees 41 minutes 47 seconds West, 18.33 feet to the point of beginning.

BENCHMARKS
(NAVD88 - GPS DERIVED)

BM #300
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND MILL STREET.
ELEV. - 901.59

BM #301
RIM OF WATER MAIN GATE VALVE WELL AT THE NORTHWEST CORNER OF THE INTERSECTION OF HOWELL STREET AND DEPOT STREET.
ELEV. - 902.62

BM #302
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND WEBSTER STREET.
ELEV. - 902.20



- LEGEND**
- IRON FOUND
 - IRON SET
 - NAIL FOUND
 - NAIL & CAP SET
 - BRASS PLUG SET
 - MONUMENT FOUND
 - RECORDED
 - MEASURED
 - CALCULATED
 - SEC. CORNER FOUND
- EXISTING**
- OH-ELEC
 - UG-CATV
 - UG-PHONE
 - UG-ELEC
 - GAS MAIN, VALVE & GAS LINE MARKER
 - WATERMAIN, HYD. GATE VALVE, TAPPING SLAVE & VALVE
 - SANITARY SEWER, CLEANOUT & MANHOLE
 - ELECTRIC U.G. CABLE, MANHOLE, METER & HANDHOLE
 - STORM SEWER, CLEANOUT & MANHOLE
 - COMBING SEWER & MANHOLE
 - SQUARE, ROUND & BEEHIVE CATCH BASIN, YARD DRAIN
 - POST INDICATOR VALVE
 - WATER VALVE, BSH/SHRINT VALVE, BSH, SERVO SHUTOFF
 - WALKBOX, TRANSFORMER, IRIGATION CONTROL VALVE
 - UNIDENTIFIED STRUCTURE
 - SPOT ELEVATION
 - CONTOUR LINE
 - GUARD RAIL
 - STREET LIGHT
 - SILO
 - CONCRETE
 - ASPHALT
 - GRAVEL SHOULDER
 - WETLAND

REFERENCE DRAWINGS

ALTA/ACSM LAND TITLE SURVEY, WILLIAMS & WORKS PROJ. NO. 20618.006, DWG. NO. 20619-008B, DATED 03/02/06
MORTGAGE SURVEY, KEM-TEC JOB # 16-03702, DATED 09/29/15
GAS - CONSUMERS ENERGY GAS MAP #1-54-23-3, DATED 09-22-17
COMMUNICATIONS - AT&T MAP #80801703, DATED 03-29-2018
WATER - PHOTOS AND LEAD SHEETS FROM VILLAGE OF PINCKNEY, EMAILED 3/26/18
SEWER - PHOTOS AND LEAD SHEETS FROM VILLAGE OF PINCKNEY, EMAILED 3/26/18
STORM - PHOTOS AND LEAD SHEETS FROM VILLAGE OF PINCKNEY, EMAILED 3/26/18

NO.	DATE	DESCRIPTION
1	7/27/16	ISSUED PER VILLAGE REVIEW
2	6/06/16	ISSUED PER VILLAGE REVIEW
3	4/09/16	ISSUED PER VILLAGE REVIEW
4	3/16/16	ISSUED PER VILLAGE REVIEW
5	7/20/16	ISSUED PER VILLAGE REVIEW
6	7/20/16	ISSUED PER VILLAGE REVIEW

CAUTION!
THE LOCATION AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS GIVEN FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE LOANED TO THE CONTRACTOR FOR THEIR USE ONLY AND ARE NOT TO BE REPRODUCED, COPIED, REPRODUCED OR IN ANY MANNER FOR FURNISHING INFORMATION TO OTHERS. WITHOUT THE PRIOR WRITTEN CONSENT OF PEA, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2017 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERAL ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR THE SOLE AND COMPLETE RESPONSIBILITY FOR THE PROTECTION AND PRESERVATION OF ALL UTILITIES AND STRUCTURES OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THROUGHOUT THE CONSTRUCTION. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL LIABILITY INSURANCE FROM ANY AND ALL CLAIMS, DAMAGES AND LOSSES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811
Know what's below
Call before you dig

MISS DIG System, Inc.
1-800-482-7171 www.missdig.org

PEA

PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC
183 E. HAMBURG STREET
PINCKNEY, MI 49169

TOPOGRAPHIC SURVEY - WEST
KRIL SPORTS COMPLEX
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E.,
VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

DES. WR DN IB SUR XXX P.M. JEC
V:\peainc\projects\2018\042\DWG\TOPBASE-18042.DWG
V:\peainc\projects\2018\042\DWG\SITE PLANS\1-BASE.SP 2018-042.DWG
V:\peainc\projects\2018\042\DWG\SITE PLANS\1-TBLK.SP 2018-042.DWG

ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO. 2018-042

SCALE: 1" = 30'

DRAWING NUMBER:
C-2.0

FLOODPLAIN NOTE:
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE 'X' (UNSHADED), AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FLOOD INSURANCE RATE MAP NUMBER 26093C0430D, DATED SEPTEMBER 17, 2008.

LEGAL DESCRIPTION
(Per Mortgage Survey, KEM-TEC Job. No. 15-03702, Dated 09/29/15)

PARCEL 2:
Land in the Southwest 1/4 of Section 23, Town 1 North, Range 4 East, Village of Pinckney, Livingston County, Michigan described as follows: All of lots 1,2,3 and 4 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records; also all that land lying North of said Lots and South of the Grand Trunk Railroad right of way (100 feet wide); also the North 20 feet of Lots 5 and 6 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 3:
A part of Lots 3 and 4 and land lying North of Lots 3 and 4 of Block 8, Range 7 of the PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records, more particularly described as follows: Commencing at the Southeast Corner of said Lot 3; thence North 00 degrees 37 minutes 49 seconds West along the East of said Lot 3, 11.00 feet to the point of beginning; thence continuing North 00 degrees 49 minutes West along said East lot line and extension thereof, 193.62 feet; thence North 86 degrees 26 minutes West (North 85 degrees 14 minutes 37 seconds West, recorded), along the Southerly line of the Grand Trunk Railroad Right of Way (100 feet wide), 132.50 feet (132.41 feet recorded); thence South 00 degrees 42 minutes 12 seconds East (South 00 degrees 37 minutes 49 seconds East, recorded), along the West line of Lot 4 extension thereof, 197.43 feet (199.30 feet recorded); thence South 87 degrees 41 minutes 47 seconds East 132.00 feet to the point of beginning.

Also: That part of Webster Street lying between Lot 1, Block 8, Range 6 and Lot 4, Block 8, Range 7 and running to the Grand Trunk Railroad right of way of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 4:
Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5:
Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence easterly to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 284 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plat; thence west 284 feet to the place of beginning.

PARCEL 6:
All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

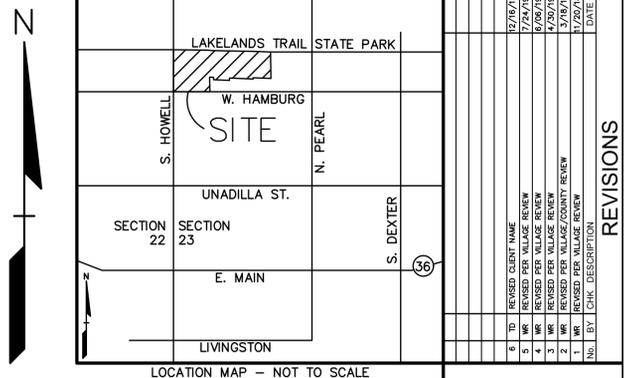
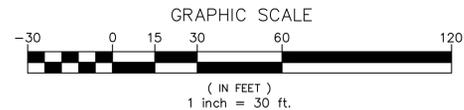
PARCEL 7:
Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence easterly to the NW corner of Lot 4, block 8, range 6 of the said plat; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence westerly 66 feet along said right-of-way to a point directly north of the point of beginning; thence southerly to the point of beginning.

PARCEL 8:
The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

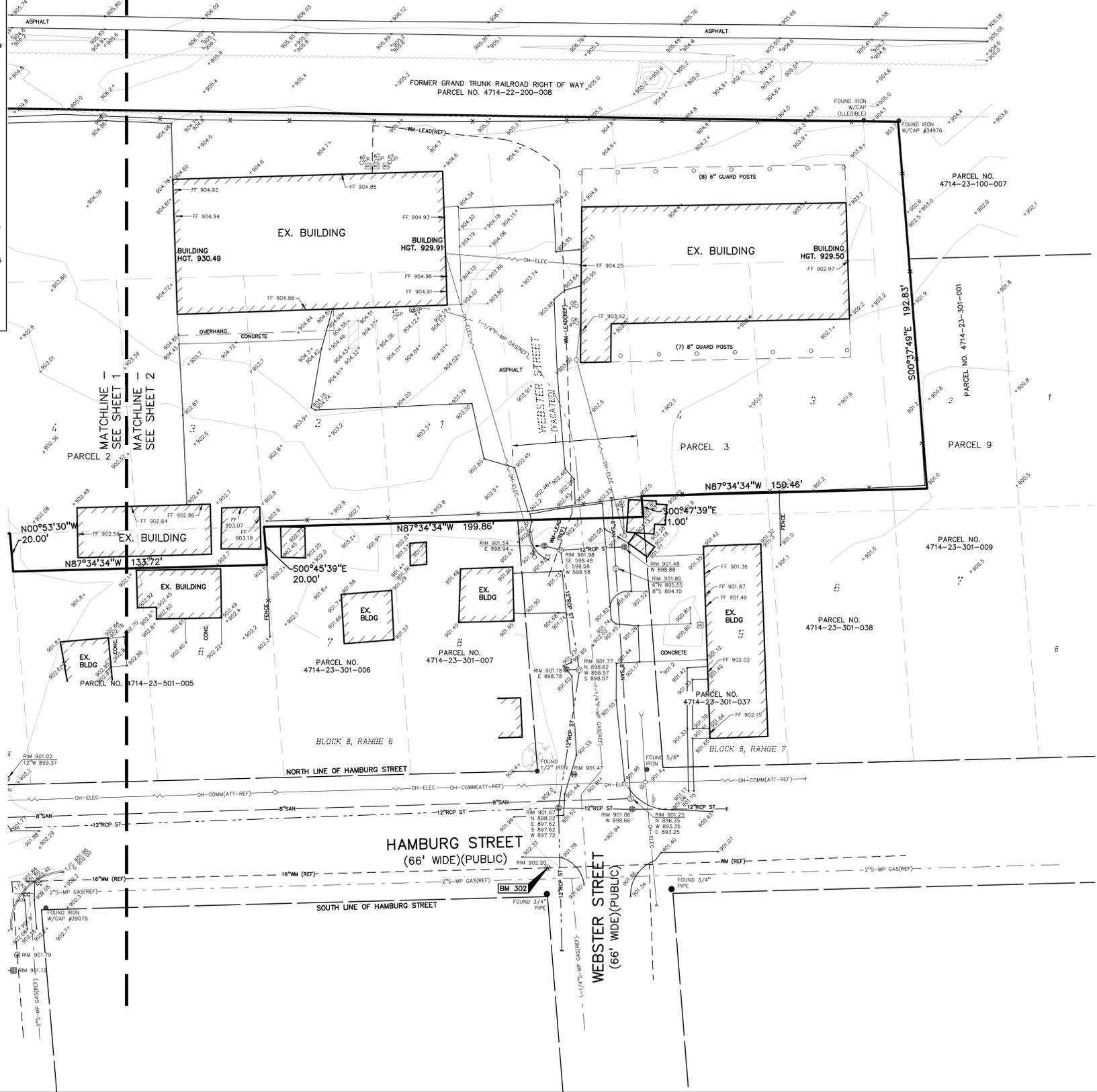
PARCEL 9:
All that part of the Southwest 1/4 of the Northwest 1/4 and the Northwest 1/4 of the Southwest 1/4 of Section 23, and that part of Lot 2, Block 8, Range 7, PLAT OF VILLAGE OF PINCKNEY, as recorded in Liber 2, of Deed, Page 64, Livingston County Records described as Commencing at the Southwest corner of said Lot 2; thence North 00 degrees 37 minutes 49 seconds West along the West lot line 11.0 feet to the point of beginning; thence continuing North 00 degrees 37 minutes 49 seconds West 193.62 feet to the South right of way line of the Michigan Department of Transportation railroad, formerly Grand Trunk; thence South 85 degrees 14 minutes 37 seconds East along said railroad right of way line as extended, 18.39 feet; thence South 00 degrees 37 minutes 49 seconds East, 192.83 feet; thence North 87 degrees 41 minutes 47 seconds West, 18.33 feet to the point of beginning.

BENCHMARKS
(NAVD88 - GPS DERIVED)

- BM #300
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND MILL STREET.
ELEV. - 901.59
- BM #301
RIM OF WATER MAIN GATE VALVE WELL AT THE NORTHWEST CORNER OF THE INTERSECTION OF HOWELL STREET AND DEPOT STREET.
ELEV. - 902.62
- BM #302
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND WEBSTER STREET.
ELEV. - 902.20



NO.	DATE	DESCRIPTION
1	7/27/18	ISSUED FOR PERMITS
2	8/06/18	REVISED PER VILLAGE REVIEW
3	8/20/18	REVISED PER VILLAGE REVIEW
4	9/11/18	REVISED PER VILLAGE REVIEW
5	9/26/18	REVISED PER VILLAGE REVIEW
6	10/15/18	REVISED PER VILLAGE REVIEW
7	11/07/18	REVISED PER VILLAGE REVIEW
8	11/27/18	REVISED PER VILLAGE REVIEW
9	12/11/18	REVISED PER VILLAGE REVIEW
10	1/15/19	REVISED PER VILLAGE REVIEW
11	2/19/19	REVISED PER VILLAGE REVIEW
12	3/19/19	REVISED PER VILLAGE REVIEW
13	4/16/19	REVISED PER VILLAGE REVIEW
14	5/13/19	REVISED PER VILLAGE REVIEW
15	6/11/19	REVISED PER VILLAGE REVIEW
16	7/9/19	REVISED PER VILLAGE REVIEW
17	8/6/19	REVISED PER VILLAGE REVIEW
18	9/3/19	REVISED PER VILLAGE REVIEW
19	10/1/19	REVISED PER VILLAGE REVIEW
20	10/29/19	REVISED PER VILLAGE REVIEW
21	11/26/19	REVISED PER VILLAGE REVIEW
22	12/23/19	REVISED PER VILLAGE REVIEW
23	1/20/20	REVISED PER VILLAGE REVIEW
24	2/17/20	REVISED PER VILLAGE REVIEW
25	3/14/20	REVISED PER VILLAGE REVIEW
26	4/11/20	REVISED PER VILLAGE REVIEW
27	5/9/20	REVISED PER VILLAGE REVIEW
28	6/6/20	REVISED PER VILLAGE REVIEW
29	7/4/20	REVISED PER VILLAGE REVIEW
30	8/2/20	REVISED PER VILLAGE REVIEW
31	8/30/20	REVISED PER VILLAGE REVIEW
32	9/27/20	REVISED PER VILLAGE REVIEW
33	10/25/20	REVISED PER VILLAGE REVIEW
34	11/22/20	REVISED PER VILLAGE REVIEW
35	12/20/20	REVISED PER VILLAGE REVIEW
36	1/18/21	REVISED PER VILLAGE REVIEW
37	2/15/21	REVISED PER VILLAGE REVIEW
38	3/12/21	REVISED PER VILLAGE REVIEW
39	4/9/21	REVISED PER VILLAGE REVIEW
40	5/7/21	REVISED PER VILLAGE REVIEW
41	6/4/21	REVISED PER VILLAGE REVIEW
42	7/2/21	REVISED PER VILLAGE REVIEW
43	7/30/21	REVISED PER VILLAGE REVIEW
44	8/27/21	REVISED PER VILLAGE REVIEW
45	9/24/21	REVISED PER VILLAGE REVIEW
46	10/22/21	REVISED PER VILLAGE REVIEW
47	11/19/21	REVISED PER VILLAGE REVIEW
48	12/17/21	REVISED PER VILLAGE REVIEW
49	1/14/22	REVISED PER VILLAGE REVIEW
50	2/11/22	REVISED PER VILLAGE REVIEW
51	3/10/22	REVISED PER VILLAGE REVIEW
52	4/7/22	REVISED PER VILLAGE REVIEW
53	5/5/22	REVISED PER VILLAGE REVIEW
54	6/2/22	REVISED PER VILLAGE REVIEW
55	6/30/22	REVISED PER VILLAGE REVIEW
56	7/28/22	REVISED PER VILLAGE REVIEW
57	8/25/22	REVISED PER VILLAGE REVIEW
58	9/22/22	REVISED PER VILLAGE REVIEW
59	10/20/22	REVISED PER VILLAGE REVIEW
60	11/17/22	REVISED PER VILLAGE REVIEW
61	12/15/22	REVISED PER VILLAGE REVIEW
62	1/12/23	REVISED PER VILLAGE REVIEW
63	2/9/23	REVISED PER VILLAGE REVIEW
64	3/8/23	REVISED PER VILLAGE REVIEW
65	4/5/23	REVISED PER VILLAGE REVIEW
66	5/3/23	REVISED PER VILLAGE REVIEW
67	6/1/23	REVISED PER VILLAGE REVIEW
68	6/29/23	REVISED PER VILLAGE REVIEW
69	7/27/23	REVISED PER VILLAGE REVIEW
70	8/24/23	REVISED PER VILLAGE REVIEW
71	9/21/23	REVISED PER VILLAGE REVIEW
72	10/19/23	REVISED PER VILLAGE REVIEW
73	11/16/23	REVISED PER VILLAGE REVIEW
74	12/14/23	REVISED PER VILLAGE REVIEW
75	1/11/24	REVISED PER VILLAGE REVIEW
76	2/8/24	REVISED PER VILLAGE REVIEW
77	3/7/24	REVISED PER VILLAGE REVIEW
78	4/4/24	REVISED PER VILLAGE REVIEW
79	5/2/24	REVISED PER VILLAGE REVIEW
80	5/30/24	REVISED PER VILLAGE REVIEW
81	6/27/24	REVISED PER VILLAGE REVIEW
82	7/25/24	REVISED PER VILLAGE REVIEW
83	8/22/24	REVISED PER VILLAGE REVIEW
84	9/19/24	REVISED PER VILLAGE REVIEW
85	10/17/24	REVISED PER VILLAGE REVIEW
86	11/14/24	REVISED PER VILLAGE REVIEW
87	12/12/24	REVISED PER VILLAGE REVIEW
88	1/9/25	REVISED PER VILLAGE REVIEW
89	2/6/25	REVISED PER VILLAGE REVIEW
90	3/5/25	REVISED PER VILLAGE REVIEW
91	4/2/25	REVISED PER VILLAGE REVIEW
92	5/1/25	REVISED PER VILLAGE REVIEW
93	5/29/25	REVISED PER VILLAGE REVIEW
94	6/26/25	REVISED PER VILLAGE REVIEW
95	7/24/25	REVISED PER VILLAGE REVIEW
96	8/21/25	REVISED PER VILLAGE REVIEW
97	9/18/25	REVISED PER VILLAGE REVIEW
98	10/16/25	REVISED PER VILLAGE REVIEW
99	11/13/25	REVISED PER VILLAGE REVIEW
100	12/11/25	REVISED PER VILLAGE REVIEW



LEGEND

- IRON FOUND
- IRON SET
- ⊗ NAIL FOUND
- ⊗ NAIL & CAP SET
- GRASS PLUG SET
- ⊗ MONUMENT FOUND
- ⊗ RECORDED
- ⊗ MEASURED
- ⊗ CALCULATED
- SEC. CORNER FOUND
- ELEC. PHONE OR CABLE TV O.D. LINE, POLE & GUY WIRE
- UNDERGROUND CABLE TV, CATV PEDESTAL
- TELEPHONE U.S. CABLE, PEDESTAL & MANHOLE
- ELECTRIC U.S. CABLE, MANHOLE, METER & HANDHOLE
- GAS MAIN, VALVE & GAS LINE MARKER
- WATERSHED INTL. GATE VALVE, TAPPING SLEEVE & VALVE
- SANITARY SEWER, CLEANOUT & MANHOLE
- STORM SEWER, CLEANOUT & MANHOLE
- COMBINED SEWER & MANHOLE
- SQUARE, ROUND & BEDDING CATCH BASIN, YARD DRAIN
- POST INDICATOR VALVE
- WATER VALVE BOX/IRIGANT VALVE BOX, SERVICE SHUTOFF
- UNIDENTIFIED STRUCTURE
- SPOT ELEVATION
- CONTOUR LINE
- FENCE
- GUARD RAIL
- STREET LIGHT
- SIGN
- CONC.
- ASPHL.
- GRAVEL
- GRAVEL SHOULDER
- WETLAND

REFERENCE DRAWINGS

- ALTA/ACSM LAND TITLE SURVEY, WILLIAMS & WORKS PROJ. NO. 20618.008, DWG. NO. 20619-008M, DATED 03/02/06
- MORTGAGE SURVEY, KEM-TEC JOB # 16-03702, DATED 09/29/15
- GAS - CONSUMERS ENERGY GAS MAP 01-54-23-3, DATED 09-22-17
- COMMUNICATIONS - AT&T MAP A808703, DATED 03-29-2016
- WATER - PHOTOS AND LEAD SHEETS FROM VILLAGE OF PINCKNEY, EMAILED 3/26/18
- SEWER - PHOTOS AND LEAD SHEETS FROM VILLAGE OF PINCKNEY, EMAILED 3/26/18
- STORM - PHOTOS AND LEAD SHEETS FROM VILLAGE OF PINCKNEY, EMAILED 3/26/18

CAUTION!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS MADE BY THE ENGINEER AS TO THE ACCURACY OF THE INFORMATION PROVIDED. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE LOANED TO THE CONTRACTOR FOR THEIR USE ONLY. THEY ARE NOT TO BE REPRODUCED, COPIED, IN WHOLE OR IN PART, OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF PEA, INC. ALL COMMERCIAL RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2018 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN CONNECTION WITH THE PERFORMANCE OF THE OBLIGATIONS OF THE CONTRACTOR UNDER THIS AGREEMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PERSONS AND PROPERTY INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PERSONS AND PROPERTY INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PERSONS AND PROPERTY INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811

Know what's below
Call before you dig

MISS DIG System, Inc.
1-800-482-7171 www.missdig.org

PEA, Inc.

7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC

TOPOGRAPHIC SURVEY - EAST

KRIL SPORTS COMPLEX

PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E., VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

DES.	WR	DN	IB	SUR	XXX	P.M.	JEC

ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO. 2018-042

SCALE: 1" = 30'

DRAWING NUMBER:
C-2.1

REF: S:PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG
REF: S:PROJECTS\2018\2018042\DWG\SITE_PLANS\1-BASE.SP.2018-042.DWG
REF: S:PROJECTS\2018\2018042\DWG\SITE_PLANS\1-TBLK.SP.2018-042.DWG

LEGAL DESCRIPTION
(Per Mortgage Survey, KEM-TEC Job. No. 15-03702, Dated 09/29/15)

PARCEL 2: Land in the Southwest 1/4 of Section 23, Town 1 North, Range 4 East, Village of Pinckney, Livingston County, Michigan described as follows: All of lots 1, 2, 3 and 4 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records; also all that land lying North of said Lots and South of the Grand Trunk Railroad right of way (100 feet wide); also the North 20 feet of Lots 5 and 6 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 3: A part of Lots 3 and 4 and land lying North of Lots 3 and 4 of Block 8, Range 7 of the PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records, more particularly described as follows: Commencing at the Southeast Corner of said Lot 3; thence North 00 degrees 37 minutes 49 seconds West along the East of said Lot 3, 11.00 feet to the point of beginning; thence continuing North 00 degrees 49 minutes West along said East lot line and extension thereof, 193.62 feet; thence North 86 degrees 26 minutes West (North 85 degrees 14 minutes 37 seconds West, recorded), along the Southern line of the Grand Trunk Railroad Right of Way (100 feet wide), 132.50 feet (132.41 feet recorded); thence South 00 degrees 42 minutes 12 seconds East (South 00 degrees 37 minutes 49 seconds East, recorded), along the West line of Lot 4 extension thereof, 197.43 feet (199.30 feet recorded); thence South 87 degrees 41 minutes 47 seconds East 132.00 feet to the point of beginning.

Also: That part of Webster Street lying between Lot 1, Block 8, Range 6 and Lot 4, Block 8, Range 7 and running to the Grand Trunk Railroad right of way of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 4: Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5: Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 264 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plat; thence west 264 feet to the place of beginning.

PARCEL 6: All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 7: Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence northerly to the right-of-way line of the NW corner of Lot 4, block 8, range 6 of the said plat; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence westerly 66 feet along said right-of-way to a point directly north of the point of beginning; thence southerly to the point of beginning.

PARCEL 8: The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 9: All that part of the Southwest 1/4 of the Northwest 1/4 and the Northwest 1/4 of the Southwest 1/4 of Section 23, and that part of Lot 2, Block 8, Range 7, PLAT OF VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records described as Commencing at the Southwest corner of said Lot 2; thence North 00 degrees 37 minutes 49 seconds West along the West lot line 11.0 feet to the point of beginning; thence continuing North 00 degrees 49 minutes 49 seconds West along the West lot line 11.0 feet to the South right of way line of the Michigan Department of Transportation railroad, formerly Grand Trunk; thence South 85 degrees 14 minutes 37 seconds East along said railroad right of way line as extended, 18.39 feet; thence South 00 degrees 37 minutes 49 seconds East, 192.83 feet; thence North 87 degrees 41 minutes 47 seconds West, 18.33 feet to the point of beginning.

PARKING CALCULATIONS

Parking Calculations

Kril Sports Complex

Required Parking:

Recreation Uses:

Indoor Recreation:

Useable Area Breakdown:					
Bating Cages (4 total):	3,600 s.f. (total)				
Baseball Training Area:	7,066 s.f.				
Recreation (lease space A):	2,391 s.f.				
Recreation (lease space B):	2,173 s.f.				
Climbing Pits/Bouldering:	7,552 s.f.				

Parking Required for Indoor Recreation Use:					
Bating Cages (4 each):	1 space/ 2 cages**	4 cages x 0.5 /cage =	2 spaces		
Baseball Training Area:	1 space/ 400 s.f. =	7,066 s.f. / 400 s.f. =	18 spaces		
Recreation (lease space A):	1 space/ 200 s.f. =	4,564 s.f. / 200 s.f. =	23 spaces		
Bouldering/Climbing Area:	1 space/ 400 s.f. =	7,552 s.f. / 400 s.f. =	19 spaces		
Employees:	1 space/ 1 employee =	5 empl * 1 space =	5 spaces		
Total:			67 spaces		

Outdoor Recreation Useable Area: 37,810 s.f.

Parking Required for Outdoor Recreation Use:

Outdoor Useable area:	1 space/ 800 s.f. =	37,810 s.f. / 800 s.f. =	47 spaces
Total Indoor/Outdoor Recreation spaces required:			114 spaces
25% Reduction for trail/neighborhood access and patrons being dropped off:			-29 spaces
Total Required Parking for Recreational Use:			86 spaces
Required Accessible spaces:			4 spaces

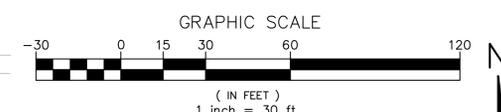
Parking court parameters were based as follows:

Bating cages and indoor recreation areas per Genoa Twp ordinance.
Baseball training area based on 12-14 players + 2-3 coaches at one time.
Bouldering/climbing areas based on an average of provided parking at other rock climbing facilities.
Outdoor recreation per Green Oak Twp ordinance.

Parking Provided:

Perpendicular Parking, Space size 10' X 20'	85 spaces
Accessible Spaces Provided:	4 spaces

NOTE: PROPRIETOR SHALL CLEAN AND VIDEOTAPE THE EXISTING STORM SEWER ON THE PROPERTY SO THAT THE CONDITIONS AND USABILITY OF THE EXISTING PIPES AND DRAINAGE STRUCTURES CAN BE ASSESSED.
PROPRIETOR SHALL CLEAN AND VIDEOTAPE THE EXISTING STORM AND SANITARY SEWER, INCLUDING DRAINAGE STRUCTURES IN THE VILLAGE RIGHT OF WAY ADJACENT TO THE PROPERTY IN HAMBURG AND HOWELL STREET BEFORE CONSTRUCTION ON THE PROJECT BEGINS AND AFTER CONSTRUCTION IS COMPLETE. ANY ACCUMULATION OF SEDIMENT THAT CAN BE ATTRIBUTED TO CONSTRUCTION ACTIVITIES SHALL BE REMOVED AT THE END OF THE PROJECT. DAMAGE TO THE EXISTING VILLAGE UTILITIES THAT CAN BE ATTRIBUTED TO CONSTRUCTION ACTIVITIES ON THE PROJECT SHALL BE REPAIRED BY THE PROPRIETOR AT NO COST TO THE VILLAGE OF PINCKNEY.



LEGEND

- IRON FOUND
 - IRON SET
 - NAIL FOUND
 - NAIL & CAP SET
 - BRASS PLUG SET
 - MONUMENT FOUND
 - MONUMENT SET
 - SEC. CORNER FOUND
 - RECORDED
 - MEASURED
 - CALCULATED
- EXISTING**
- ELEC. PHONE OR CABLE TV OH. LINE, POLE & GUY WIRE
 - UNDERGROUND CABLE TV, CITY PEDESTAL
 - TELEPHONE U.G. CABLE, PEDESTAL & MANHOLE
 - ELECTRIC U.G. CABLE, MANHOLE, WATER & MANHOLE
 - GAS MAIN VALVE & GAS LINE MARKER
 - WATERMAIN, HYD. GATE VALVE, TAPPING SLAVE & VALVE
 - SANITARY SEWER, CLEANOUT & MANHOLE
 - STORM SEWER, CLEANOUT & MANHOLE
 - COMBINED SEWER & MANHOLE
 - SQUARE, ROUND & BEDDING CATCH BASIN, YARD DRAIN
 - POST INDICATOR VALVE
 - WATER VALVE BOX/IRRIANT VALVE BOX SERVICE SHUTOFF
 - MALBOX, TRANSFORMER, IRRIGATION CONTROL VALVE
 - UNIDENTIFIED STRUCTURE
 - SPOT ELEVATION
 - CONTOUR LINE
 - FENCE
 - GUARD RAIL
 - STREET LIGHT
 - SON
- PROPOSED**
- CONCRETE
 - ASPHALT
 - GRAVEL SHOULDER
 - WETLAND

- SIGN LEGEND:**
- 'BARRIER FREE PARKING' SIGN
 - 'VAN ACCESSIBLE' SIGN
- REFER TO SHEET C-8.0 FOR SIGN DETAILS

- BENCHMARKS**
(NAVD88 - GPS DERIVED)
- BM #300 RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND MILL STREET. ELEV. - 901.59
 - BM #301 RIM OF WATER MAIN GATE VALVE WELL AT THE NORTHWEST CORNER OF THE INTERSECTION OF HOWELL STREET AND DEPOT STREET. ELEV. - 902.62
 - BM #302 RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND WEBSTER STREET. ELEV. - 902.20

NOTE: "DUE CARE" SHALL BE EXERCISED AT ALL TIMES DURING PROJECT DEMOLITION AND CONSTRUCTION IN ACCORDANCE WITH MDEQ STANDARDS. ANY SOIL TO BE DISPOSED OF OFF SITE SHALL BE IN ACCORDANCE WITH APPROPRIATE MDEQ STANDARDS.

NOTE: ANY WATER CONSUMED FROM A VILLAGE SOURCE FOR CONSTRUCTION PURPOSES MUST BE METERED AND PAID FOR BY THE PROPRIETOR. THE METER MUST BE ATTACHED TO A BACKFLOW PREVENTER THAT HAS BEEN EITHER BORROWED FROM OR APPROVED BY THE VILLAGE.

PARKING NARRATIVE

BUILDING "E" SHALL HAVE THE GREATEST DEMAND FOR PARKING ON WEEKENDS AND EVENINGS. DEMAND WILL INCREASE DURING THE AFTER SCHOOL HOURS. THE OUTDOOR RECREATION USE RELATED TO THIS BUILDING WILL BE SEASONAL WITH HOURS OF OPERATION ENDING AT DUSK DURING THE MONTHS THIS AREA IS IN USE.

EXISTING PARKING LOT/PAVEMENT AREAS WILL BE UTILIZED TO PROVIDE THIS PARKING WITH THE EXCEPTION OF ONE BANK OF SPACES BEING PROPOSED THAT CONTAINS ADA ACCESSIBLE SPACES WITH PROXIMITY TO THE FACILITY ENTRANCE.

DUE TO THE PROXIMITY OF THE PROJECT TO BIKE TRAILS AND NEIGHBORHOOD AND BIKE TRAFFIC IS ENCOURAGED. BICYCLE PARKING AND A PEDESTRIAN ACCESS WILL BE PROVIDED.

SITE DATA
(FOR AREA OF IMPROVEMENT)

AREA OF REZONING: 2.61 ACRES

ZONING: SBD SECONDARY BUSINESS DISTRICT

ADJACENT ZONING: R4 RESIDENTIAL PER VILLAGE OF PINCKNEY ZONING MAP DATED MARCH 3, 2010

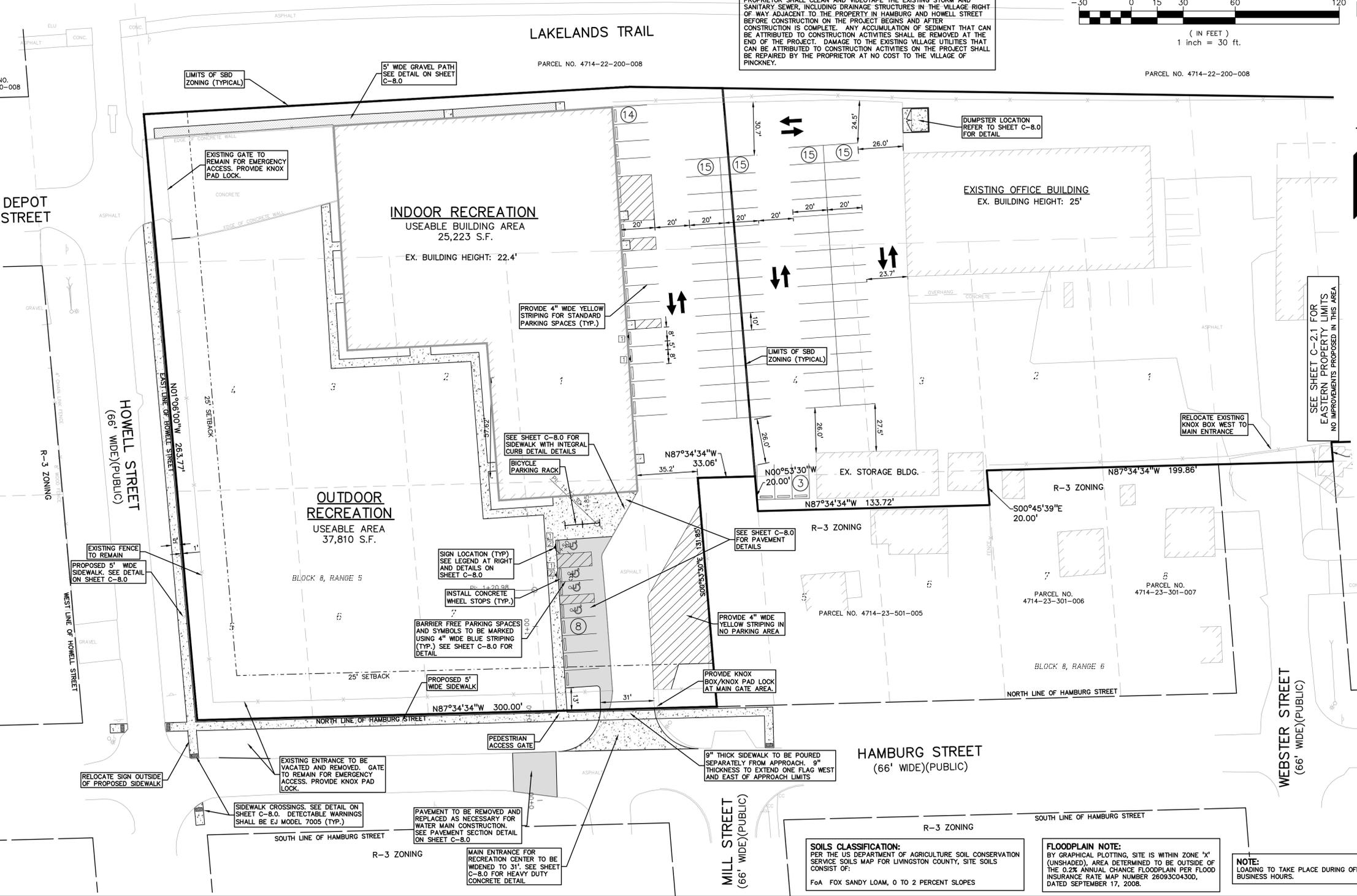
BUILDING SETBACKS:
FRONT: 25'
SIDE: NONE
REAR: 20'

NO ADDITIONAL BUILDINGS PROPOSED

LOT COVERAGE: (LIMITS OF SBD ZONING)
TOTAL BUILDING AREA: 28,274 S.F.
LOT COVERAGE: 25%

IMPERVIOUS AREA: 85% PERVIOUS AREA 15%

XREF: S:\PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS\1-BASE.SP.2018-042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS\1-TBLK.SP.2018-042.DWG



REVISIONS

NO.	DATE	DESCRIPTION
1	7/20/18	ISSUED FOR PERMITS
2	7/20/18	REVISED PER VILLAGE REVIEW
3	7/20/18	REVISED PER VILLAGE REVIEW
4	7/20/18	REVISED PER VILLAGE REVIEW
5	7/20/18	REVISED PER VILLAGE REVIEW
6	7/20/18	REVISED PER VILLAGE REVIEW
7	7/20/18	REVISED PER VILLAGE REVIEW
8	7/20/18	REVISED PER VILLAGE REVIEW
9	7/20/18	REVISED PER VILLAGE REVIEW
10	7/20/18	REVISED PER VILLAGE REVIEW
11	7/20/18	REVISED PER VILLAGE REVIEW
12	7/20/18	REVISED PER VILLAGE REVIEW
13	7/20/18	REVISED PER VILLAGE REVIEW
14	7/20/18	REVISED PER VILLAGE REVIEW
15	7/20/18	REVISED PER VILLAGE REVIEW
16	7/20/18	REVISED PER VILLAGE REVIEW
17	7/20/18	REVISED PER VILLAGE REVIEW
18	7/20/18	REVISED PER VILLAGE REVIEW
19	7/20/18	REVISED PER VILLAGE REVIEW
20	7/20/18	REVISED PER VILLAGE REVIEW

CAUTION!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE LOANED TO YOU FOR THE PROJECT ONLY AND ARE NOT TO BE REPRODUCED, COPIED, IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS. WITHOUT THE PRIOR WRITTEN CONSENT OF PEA, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2017 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERAL ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION. CONTRACTOR SHALL HOLD DESIGN PROFESSIONAL LIABILITY INSURANCE AND HOLD DESIGN PROFESSIONAL LIABILITY INSURANCE IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811

Know what's below
Call before you dig

MISS Dig System, Inc.
1-800-482-7171 www.missdig.org

PEA, Inc.

7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC

SITE AND PAVING PLAN

KRIL SPORTS COMPLEX

PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E., VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

DES. WR DN IB SUR XXX P.M. JEC

ORIGINAL ISSUE DATE: AUGUST 16, 2018

PEA JOB NO. 2018-042

SCALE: 1" = 30'

DRAWING NUMBER: **C-4.0**

LEGAL DESCRIPTION
(Per Mortgage Survey, KEM-TEC Job. No. 15-03702, Dated 09/29/15)

PARCEL 2:
Land in the Southwest 1/4 of Section 23, Town 1 North, Range 4 East, Village of Pinckney, Livingston County, Michigan as recorded in Liber 2 of Deeds, Page 64, Livingston County Records; also all that land lying North of said Lots and South of the Grand Trunk Railroad right of way (100 feet wide); also the North 20 degrees of Lots 5 and 6 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 3:
A part of Lots 3 and 4 and land lying North of Lots 3 and 4 of Block 8, Range 7 of the PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records; more particularly described as follows: Commencing at the Southeast Corner of said Lot 3; thence North 00 Degrees 37 minutes 49 seconds West along the East of said Lot 3, 11.00 feet to the point of beginning; thence continuing North 00 degrees 49 minutes West along said East lot line and extension thereof, 193.62 feet; thence North 86 degrees 28 minutes West (North 85 degrees 14 minutes 37 seconds West, recorded), along the Southern line of the Grand Trunk Railroad right of way (100 feet wide), 132.50 feet (132.41 feet recorded); thence South 00 degrees 42 minutes 12 seconds East (South 00 degrees 37 minutes 49 seconds East, recorded), along the West line of Lot 4 extension thereof, 197.43 feet (199.30 feet recorded); thence South 87 degrees 41 minutes 47 seconds East 132.00 feet to the point of beginning.

Also: That part of Webster Street lying between Lot 1, Block 8, Range 6 and Lot 4, Block 8, Range 7 and running to the Grand Trunk Railroad right of way of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 4:
Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5:
Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 264 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plat; thence west 264 feet to the place of beginning.

PARCEL 6:
All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 7:
Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence easterly to the NW corner of Lot 4, block 8, range 6 of the said plat; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence westerly 68 feet along said right-of-way to a point directly north of the point of beginning; thence southerly to the point of beginning.

PARCEL 8:
The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 9:
All that part of the Southwest 1/4 of the Northwest 1/4 and the Northwest 1/4 of the Southwest 1/4 of Section 23, and that part of Lot 2, Block 8, Range 7, PLAT OF VILLAGE OF PINCKNEY, as recorded in Liber 2, of Deed, Page 64, Livingston County Records described as Commencing at the Southwest corner of said Lot 2; thence North 00 degrees 37 minutes 49 seconds West along the West lot line 11.0 feet to the point of beginning; thence continuing North 00 degrees 37 minutes 49 seconds West 193.62 feet to the South right of way line of the Michigan Department of Transportation railroad, formerly Grand Trunk; thence South 85 degrees 14 minutes 37 seconds East along said railroad right of way line as extended, 18.39 feet; thence South 00 degrees 37 minutes 49 seconds East, 192.83 feet; thence North 87 degrees 41 minutes 47 seconds West, 18.33 feet to the point of beginning.

BENCHMARKS
(NAVD88 - GPS DERIVED)

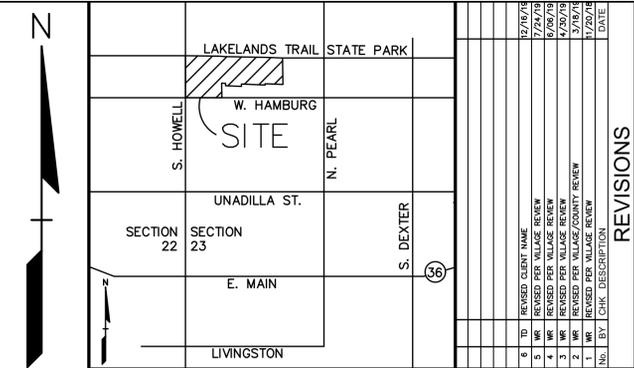
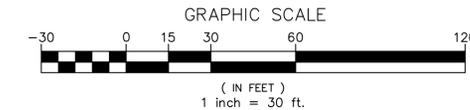
- BM #300
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND MILL STREET.
ELEV. = 901.59
- BM #301
RIM OF WATER MAIN GATE VALVE WELL AT THE NORTHWEST CORNER OF THE INTERSECTION OF HOWELL STREET AND DEPOT STREET.
ELEV. = 902.62
- BM #302
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND WEBSTER STREET.
ELEV. = 902.20

DETENTION NARRATIVE

DETENTION IS NOT PROPOSED WITH THIS RE-DEVELOPMENT AS THE PROPOSED CHANGES WILL INCREASE THE AMOUNT OF PERVIOUS AREA ON-SITE. SEE RUNOFF COEFFICIENT CALCULATIONS ON SHEET C-8.1.

SOILS CLASSIFICATION:
PER THE US DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SOILS MAP FOR LIVINGSTON COUNTY, SITE SOILS CONSIST OF:
FoA FOX SANDY LOAM, 0 TO 2 PERCENT SLOPES

FLOODPLAIN NOTE:
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE "X" (UNSHADED), AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FLOOD INSURANCE RATE MAP NUMBER 26093C04300, DATED SEPTEMBER 17, 2008.



LOCATION MAP - NOT TO SCALE

LEGEND

- | | | |
|------------------|------------------|---------------------|
| ● IRON FOUND | ⊗ BRASS PLUG SET | ⊙ SEC. CORNER FOUND |
| ⊗ IRON SET | ⊙ MONUMENT FOUND | ⊕ RECORDED |
| ⊗ NAIL FOUND | ⊙ MONUMENT SET | ⊕ MEASURED |
| ⊗ NAIL & CAP SET | | ⊕ CALCULATED |
-
- | | | | |
|---------------|---|---|----------|
| — OH-ELEC-W-O | ELEC. PHONE OR CABLE TV OH. LINE, POLE & GUY WIRE | — | PROPOSED |
| — UG-CATV | UNDERGROUND CABLE TV, CTV PEDESTAL | — | |
| — UG-PHONE | TELEPHONE U.G. CABLE, PEDESTAL & MANHOLE | — | |
| — UG-ELEC | ELECTRIC U.G. CABLE, MANHOLE, METER & HANDHOLE | — | |
| — | GAS MAIN VALVE & GAS LINE MARKER | — | |
| — | WATERMAIN, HYD. GATE VALVE, TAPPING SLAVE & VALVE | — | |
| — | SANITARY SEWER, CLEANOUT & MANHOLE | — | |
| — | STORM SEWER, CLEANOUT & MANHOLE | — | |
| — | COMBINED SEWER & MANHOLE | — | |
| — | SQUARE, ROUND & BENTH CATCH BASIN, YARD DRAIN | — | |
| — | POST INDICATOR VALVE | — | |
| — | WATER VALVE BOX/HYDRANT VALVE BOX SERVICE SHUTOFF | — | |
| — | MALBOX, TRANSFORMER, IRRIGATION CONTROL VALVE | — | |
| — | UNIDENTIFIED STRUCTURE | — | |
| — | SPOT ELEVATION | — | |
| — | CONTOUR LINE | — | |
| — | FENCE | — | |
| — | GUARD RAIL | — | |
| — | STREET LIGHT | — | |
| — | SON | — | |
| — | CONC. | — | |
| — | ASPH. | — | |
| — | GRAVEL | — | |
| — | WETLAND | — | |

CAUTION!
THE LOCATION AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE LOANED TO THE CONTRACTOR FOR THEIR USE ONLY AND ARE NOT TO BE REPRODUCED, COPIED, IN WHOLE OR IN PART, OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF PEA, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2018 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SOIL AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND LICENSES FROM ALL APPLICABLE AGENCIES AND HOLD DESIGN PROFESSIONAL SEAL AND LICENSE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION SCHEDULE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LEGAL AND FINANCIAL LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811
Know what's below
Call before you dig
Miss Dig System, Inc.
1-800-482-7171 www.missdig.org



PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 516.546.8583
f: 516.546.8973
www.peainc.com

GENERAL GRADING AND EARTHWORK NOTES:

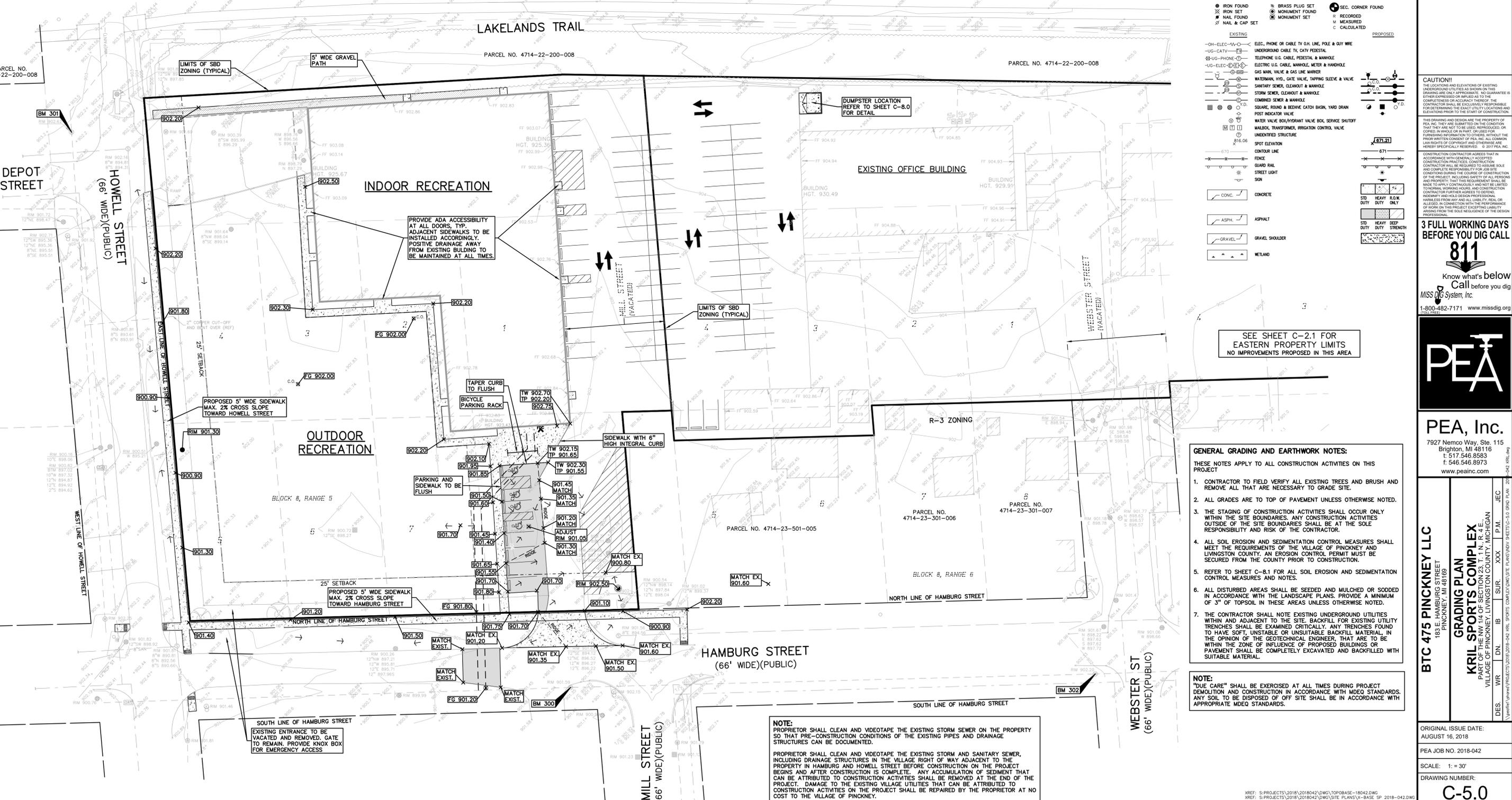
THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT

- CONTRACTOR TO FIELD VERIFY ALL EXISTING TREES AND BRUSH AND REMOVE ALL THAT ARE NECESSARY TO GRADE SITE.
- ALL GRADES ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STAGING OF CONSTRUCTION ACTIVITIES SHALL OCCUR ONLY WITHIN THE SITE BOUNDARIES. ANY CONSTRUCTION ACTIVITIES OUTSIDE OF THE SITE BOUNDARIES SHALL BE AT THE SOLE RESPONSIBILITY AND RISK OF THE CONTRACTOR.
- ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL MEET THE REQUIREMENTS OF THE VILLAGE OF PINCKNEY AND LIVINGSTON COUNTY. AN EROSION CONTROL PERMIT MUST BE SECURED FROM THE COUNTY PRIOR TO CONSTRUCTION.
- REFER TO SHEET C-8.1 FOR ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND NOTES.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED OR SODDED IN ACCORDANCE WITH THE LANDSCAPE PLANS. PROVIDE A MINIMUM OF 3" OF TOPSOIL IN THESE AREAS UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOTE EXISTING UNDERGROUND UTILITIES WITHIN AND ADJACENT TO THE SITE. BACKFILL FOR EXISTING UTILITY TRENCHES SHALL BE EXAMINED CRITICALLY. ANY TRENCHES FOUND TO HAVE SOFT, UNSTABLE OR UNSUITABLE BACKFILL MATERIAL, IN THE OPINION OF THE GEOTECHNICAL ENGINEER, THAT ARE TO BE WITHIN THE ZONE OF INFLUENCE OF PROPOSED BUILDINGS OR PAVEMENT SHALL BE COMPLETELY EXCAVATED AND BACKFILLED WITH SUITABLE MATERIAL.

NOTE:
"DUE CARE" SHALL BE EXERCISED AT ALL TIMES DURING PROJECT DEMOLITION AND CONSTRUCTION IN ACCORDANCE WITH MDEQ STANDARDS. ANY SOIL TO BE DISPOSED OF OFF SITE SHALL BE IN ACCORDANCE WITH APPROPRIATE MDEQ STANDARDS.

NOTE:
PROPRIETOR SHALL CLEAN AND VIDEOTAPE THE EXISTING STORM SEWER ON THE PROPERTY SO THAT PRE-CONSTRUCTION CONDITIONS OF THE EXISTING PIPES AND DRAINAGE STRUCTURES CAN BE DOCUMENTED.

PROPRIETOR SHALL CLEAN AND VIDEOTAPE THE EXISTING STORM AND SANITARY SEWER, INCLUDING DRAINAGE STRUCTURES IN THE VILLAGE RIGHT OF WAY ADJACENT TO THE PROPERTY IN HAMBURG AND HOWELL STREET BEFORE CONSTRUCTION ON THE PROJECT BEGINS AND AFTER CONSTRUCTION IS COMPLETE. ANY ACCUMULATION OF SEDIMENT THAT CAN BE ATTRIBUTED TO CONSTRUCTION ACTIVITIES SHALL BE REMOVED AT THE END OF THE PROJECT. DAMAGE TO THE EXISTING VILLAGE UTILITIES THAT CAN BE ATTRIBUTED TO CONSTRUCTION ACTIVITIES ON THE PROJECT SHALL BE REPAIRED BY THE PROPRIETOR AT NO COST TO THE VILLAGE OF PINCKNEY.



BTC 475 PINCKNEY LLC
183 E. HAMBURG STREET
PINCKNEY, MI 48159

GRADING PLAN
KRIL SPORTS COMPLEX
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E.,
VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

DES. WR DN IB SUR XXX P.M. JEC
V:\pea\projects\2018\042\DWG\TOPBASE-18042.DWG
XREF: S:\PROJECTS\2018\042\DWG\SITE PLANS\X-BASE.SP 2018-042.DWG
XREF: S:\PROJECTS\2018\042\DWG\SITE PLANS\X-TBLK.SP 2018-042.DWG

ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO. 2018-042

SCALE: 1" = 30'

DRAWING NUMBER:
C-5.0

LEGAL DESCRIPTION
(Per Mortgage Survey, KEM-TEC Job. No. 15-03702, Dated 09/29/15)

PARCEL 2:
Land in the Southwest 1/4 of Section 23, Town 1 North, Range 4 East, Village of Pinckney, Livingston County, Michigan as recorded in Liber 2 of deeds, page 64, Livingston County Records; also all that land lying North of said Lots and South of the Grand Trunk Railroad right of way (100 feet wide); also the North 20 degrees of Lots 5 and 6 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 3:
A part of Lots 3 and 4 and land lying North of Lots 3 and 4 of Block 8, Range 7 of the PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records, more particularly described as follows: Commencing at the Southeast Corner of said Lot 3; thence North 00 Degrees 37 minutes 49 seconds West along the East of said Lot 3, 11.00 feet to the point of beginning; thence continuing North 00 degrees 49 minutes West along said East lot line and extension thereof, 193.82 feet; thence North 86 degrees 28 minutes West (North 85 degrees 14 minutes 37 seconds West, recorded), along the Southern line of the Grand Trunk Railroad Right of Way (100 feet wide), 132.50 feet (132.41 feet recorded); thence South 00 degrees 42 minutes 12 seconds East (South 00 degrees 37 minutes 49 seconds East, recorded), along the West line of Lot 4 extension thereof, 197.43 feet (199.30 feet recorded); thence South 87 degrees 41 minutes 47 seconds East 132.00 feet to the point of beginning.

Also: That part of Webster Street lying between Lot 1, Block 8, Range 6 and Lot 4, Block 8, Range 7 and running to the Grand Trunk Railroad right of way of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 4:
Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5:
Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 264 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plot; thence west 264 feet to the place of beginning.

PARCEL 6:
All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 7:
Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence easterly to the NW corner of Lot 4, block 8, range 6 of the said plot; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence westerly 66 feet along said right-of-way to a point directly north of the point of beginning; thence southerly to the point of beginning.

PARCEL 8:
The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 9:
All that part of the Southwest 1/4 of the Northwest 1/4 and the Northwest 1/4 of the Southwest 1/4 of Section 23, and that part of Lot 2, Block 8, Range 7, PLAT OF VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deed, Page 64, Livingston County Records described as Commencing at the Southwest corner of said Lot 2; thence North 00 degrees 37 minutes 49 seconds West along the West lot line 11.0 feet to the point of beginning; thence continuing North 00 degrees 37 minutes 49 seconds West 193.82 feet to the South right of way line of the Michigan Department of Transportation railroad, formerly Grand Trunk; thence South 85 degrees 14 minutes 37 seconds East along said railroad right of way line as extended, 18.39 feet; thence South 00 degrees 37 minutes 49 seconds East, 192.83 feet; thence North 87 degrees 41 minutes 47 seconds West, 18.33 feet to the point of beginning.

BENCHMARKS
(NAVD88 - GPS DERIVED)

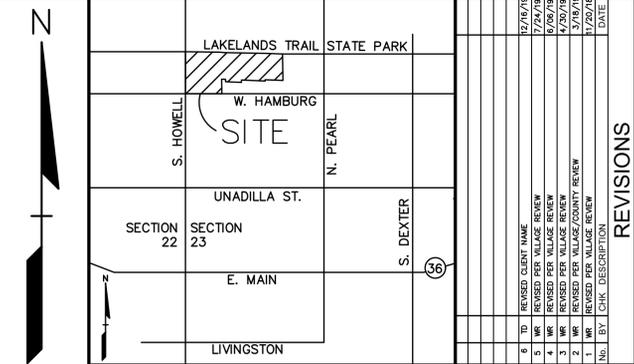
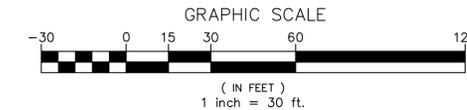
- BM #300
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND MILL STREET.
ELEV. = 901.59
- BM #301
RIM OF WATER MAIN GATE VALVE WELL AT THE NORTHWEST CORNER OF THE INTERSECTION OF HOWELL STREET AND DEPOT STREET.
ELEV. = 902.62
- BM #302
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND WEBSTER STREET.
ELEV. = 902.20

DETENTION NARRATIVE

DETENTION IS NOT PROPOSED WITH THIS RE-DEVELOPMENT AS THE PROPOSED CHANGES WILL INCREASE THE AMOUNT OF PERVIOUS AREA ON-SITE. SEE RUNOFF COEFFICIENT CALCULATIONS ON SHEET C-8.2

SOILS CLASSIFICATION:
PER THE US DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SOILS MAP FOR LIVINGSTON COUNTY, SITE SOILS CONSIST OF:
FoA FOX SANDY LOAM, 0 TO 2 PERCENT SLOPES

FLOODPLAIN NOTE:
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE "X" (UNSHADED), AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FLOOD INSURANCE RATE MAP NUMBER 26093C04300, DATED SEPTEMBER 17, 2008.



LOCATION MAP - NOT TO SCALE

LEGEND

- IRON FOUND
 - ⊗ IRON SET
 - ⊗ NAIL FOUND
 - ⊗ NAIL & CAP SET
 - ⊗ BRASS PLUG SET
 - ⊗ MONUMENT FOUND
 - ⊗ MONUMENT SET
 - ⊗ SEC. CORNER FOUND
 - ⊗ RECORDED
 - ⊗ MEASURED
 - ⊗ CALCULATED
- EXISTING**
- OH-ELEC-W-C: ELEC. PHONE OR CABLE TV OH. LINE, POLE & GUY WIRE
 - UG-CATV: UNDERGROUND CABLE TV, CATV PEDESTAL
 - UG-PHONE: TELEPHONE U.S. CABLE, PEDESTAL & MANHOLE
 - UG-ELEC: ELEC. U.S. CABLE, MANHOLE, WIRE & HANDHOLE
 - W-MAN: GAS MAIN, VALVE & GAS LINE MANHOLE
 - W-WATER: WATERMAIN, HYD. GATE VALVE, TAPPING SLAVE & VALVE
 - S-SANITARY: SANITARY SEWER, CLEANOUT & MANHOLE
 - ST-SANITARY: STORM SEWER, CLEANOUT & MANHOLE
 - CS-COMBINED: COMBINED SEWER & MANHOLE
 - SB-SWAG: SWAGING, RISING & BEEHIVE CATCH BASIN, YARD DRAIN
 - PI-POST: POST INDICATOR VALVE
 - WB-WATER: WATER VALVE BOX/HYDRANT VALVE BOX, SERVICE SHUTOFF
 - M-MALBOX: MALBOX, TRANSFORMER, IRRIGATION CONTROL VALVE
 - U-UNIDENTIFIED: UNIDENTIFIED STRUCTURE
 - S-SPOT: SPOT ELEVATION
 - C-CONTOUR: CONTOUR LINE
 - F-FENCE: FENCE
 - G-GUARD: GUARD RAIL
 - S-STREET: STREET LIGHT
 - S-SON: SON
- PROPOSED**
- CONC: CONCRETE
 - ASPH: ASPHALT
 - GRAV: GRAVEL SHOULDER
 - WET: WETLAND
 - SILT: SILT FENCE
 - IF: INLET FILTER
 - STD HEAVY ROW DUTY: STD HEAVY ROW DUTY ONLY
 - STD HEAVY DEEP DUTY: STD HEAVY DEEP DUTY STRENGTH

SYMBOLS: EROSION CONTROL

- SILT FENCE
- INLET FILTER

EROSION CONTROL NOTE:
SEE SHEET C-8.1 FOR EROSION CONTROL NOTE AD DETAILS

NOTE:
ANY MUD OR DEBRIS TRACKED ONTO HAMBURG STREET, HOWELL STREET OR ANY OTHER STREET ADJACENT TO THE PROJECT SHALL BE REMOVED IMMEDIATELY. IF A VILLAGE AGENT REQUESTS IN WRITING THAT THE ROAD BE CLEANED, THE PROPRIETOR SHALL HAVE TWELVE HOURS TO CLEAN IT. IF IT IS NOT CLEANED WITHIN TWELVE HOURS, THE VILLAGE OF PINCKNEY WILL HIRE IT TO BE COMPLETED AND INVOICE FOR THE PROPER COSTS. ANY RELATED INVOICES MUST BE PAID BY THE PROPRIETOR BEFORE THE PERFORMANCE BOND IS RELEASED.

(DESCRIBES CONDITIONALLY RE-ZONED PORTION OF THE SITE)

PARCEL 4:
Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5:
Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 264 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plot; thence west 264 feet to the place of beginning.

PARCEL 6:
All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 7:
Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence easterly to the NW corner of Lot 4, block 8, range 6 of the said plot; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence westerly 66 feet along said right-of-way to a point directly north of the point of beginning; thence southerly to the point of beginning.

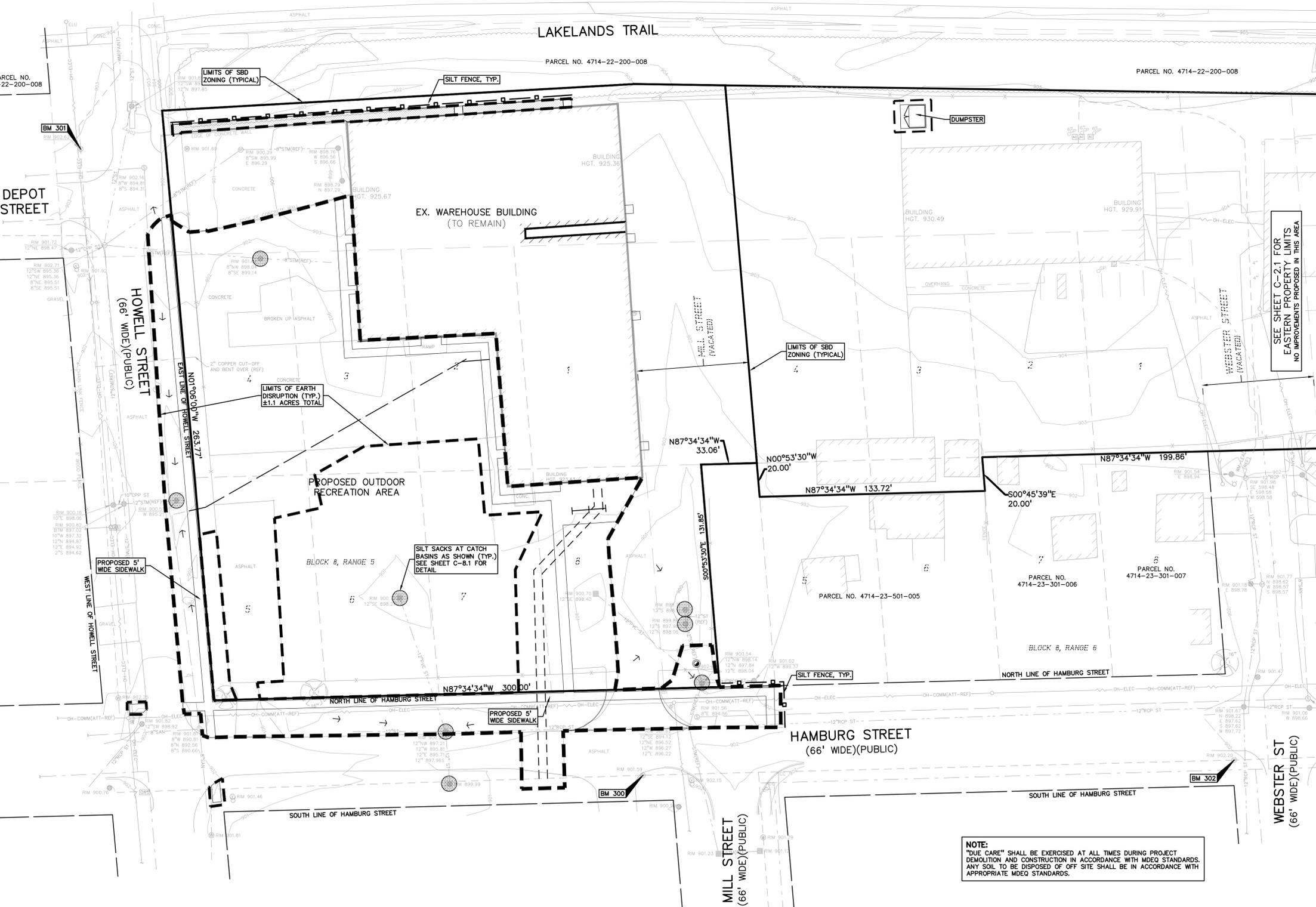
PARCEL 8:
The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

LAND AREA
The subject property has a total combined area of 113,653 Square Feet (2.61 Acres), more or less.

Parcel 4 has an area of 70,427 Square Feet (1.62 Acres), more or less.
Parcel 5 has an area of 24,019 Square Feet (0.55 Acres), more or less.
Parcel 6 has an area of 8,704 Square Feet (0.20 Acres), more or less.
Parcel 7 has an area of 6,151 Square Feet (0.14 Acres), more or less.
Parcel 8 has an area of 4,352 Square Feet (0.10 Acres), more or less.

BASIS OF BEARING
Bearings are based on the description found in Exhibit "A" of the Commitment for Title Insurance issued by LandAmerica Lawyers Title dated October 28, 2005, and revised March 9, 2006, as Commitment No. GR6151235, using a bearing of North 00°37'49" West for the East line of Lot 3 of Block 8, Range 7 of the Plat of the Village of Pinckney.

XREF: S:\PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS-V-BASE.SP.2018-042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS-V-TBLK.SP.2018-042.DWG



SEE SHEET C-2.1 FOR EASTERN PROPERTY LIMITS NO IMPROVEMENTS PROPOSED IN THIS AREA

NOTE:
"DUE CARE" SHALL BE EXERCISED AT ALL TIMES DURING PROJECT DEMOLITION AND CONSTRUCTION IN ACCORDANCE WITH MDEQ STANDARDS. ANY SOIL TO BE DISPOSED OF OFF SITE SHALL BE IN ACCORDANCE WITH APPROPRIATE MDEQ STANDARDS.

NO.	DATE	DESCRIPTION
1	7/20/18	ISSUED PER VILLAGE REVIEW
2	7/20/18	ISSUED PER VILLAGE REVIEW
3	7/20/18	ISSUED PER VILLAGE REVIEW
4	7/20/18	ISSUED PER VILLAGE REVIEW
5	7/20/18	ISSUED PER VILLAGE REVIEW
6	7/20/18	ISSUED PER VILLAGE REVIEW
7	7/20/18	ISSUED PER VILLAGE REVIEW
8	7/20/18	ISSUED PER VILLAGE REVIEW
9	7/20/18	ISSUED PER VILLAGE REVIEW
10	7/20/18	ISSUED PER VILLAGE REVIEW
11	7/20/18	ISSUED PER VILLAGE REVIEW
12	7/20/18	ISSUED PER VILLAGE REVIEW
13	7/20/18	ISSUED PER VILLAGE REVIEW
14	7/20/18	ISSUED PER VILLAGE REVIEW
15	7/20/18	ISSUED PER VILLAGE REVIEW
16	7/20/18	ISSUED PER VILLAGE REVIEW
17	7/20/18	ISSUED PER VILLAGE REVIEW
18	7/20/18	ISSUED PER VILLAGE REVIEW
19	7/20/18	ISSUED PER VILLAGE REVIEW
20	7/20/18	ISSUED PER VILLAGE REVIEW

CAUTION!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SOIL AND COMPLETE RESPONSIBILITY FOR JOB SITE AND PROPERTY DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND HOLD DESIGN PROFESSIONAL AND LICENSED ENGINEER LIABILITY INSURANCE OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811
Know what's below
Call before you dig
MISS Dig System, Inc.
1-800-482-7171 www.missdig.org

PEAT

PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC
183 E. HAMBURG STREET
PINCKNEY, MI 49189

SOIL EROSION & SEDIMENTATION CONTROL
KRIL SPORTS COMPLEX
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E., VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

DES.	WR	DN	IB	SUR	XXX	P.M.	JEC
------	----	----	----	-----	-----	------	-----

ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO: 2018-042

SCALE: 1" = 30'

DRAWING NUMBER:
C-6.0

LEGAL DESCRIPTION
(Per Mortgage Survey, KEM-TEC Job. No. 15-03702, Dated 09/29/15)

PARCEL 2:
Land in the Southwest 1/4 of Section 23, Town 1 North, Range 4 East, Village of Pinckney, Livingston County, Michigan described as follows: All of lots 1, 2, 3 and 4 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records; also all that land lying North of said Lots and South of the Grand Trunk Railroad right of way (100 feet wide); also the North 20 feet of Lots 5 and 6 of Block 8, Range 6 of PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 3:
A part of Lots 3 and 4 and land lying North of Lots 3 and 4 of Block 8, Range 7 of the PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of Deeds, Page 64, Livingston County Records, more particularly described as follows: Commencing at the Southeast Corner of said Lot 3; thence North 00 Degrees 37 minutes 49 seconds West along the East of said Lot 3, 11.00 feet to the point of beginning; thence continuing North 00 degrees 49 minutes West along said East lot line and extension thereof, 193.82 feet; thence North 86 degrees 28 minutes West (North 85 degrees 14 minutes 37 seconds West, recorded), along the Southern line of the Grand Trunk Railroad right of way (100 feet wide), 132.50 feet (132.41 feet recorded); thence South 00 degrees 42 minutes 12 seconds East (South 00 degrees 37 minutes 49 seconds East, recorded), along the West line of Lot 4 extension thereof, 197.43 feet (199.30 feet recorded); thence South 87 degrees 41 minutes 47 seconds East 132.00 feet to the point of beginning.

Also: That part of Webster Street lying between Lot 1, Block 8, Range 6 and Lot 4, Block 8, Range 7 and running to the Grand Trunk Railroad right of way of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, Liber 2 of Deeds, Page 64, Livingston County Records.

PARCEL 4:
Lots 1 through 8 inclusive, in block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 5:
Beginning at the NW corner of Lot 4, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence north to the right-of-way of the Michigan Airline Railroad; thence easterly along the right-of-way of said railroad 264 feet; thence south to the NE corner of Lot 1, block 8, range 5, of the said plat; thence west 264 feet to the place of beginning.

PARCEL 6:
All that portion of Mill Street which lies between Lot 1, block 8, range 5, and Lot 4, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY, as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 7:
Beginning at the NE corner of Lot 1, block 8, range 5, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records; thence easterly to the NW corner of Lot 4, block 8, range 6 of the said plat; thence northerly to the right-of-way line of the Grand Trunk Railroad; thence westerly 68 feet along said right-of-way to a point directly north of the point of beginning; thence southerly to the point of beginning.

PARCEL 8:
The southwesterly 1/2 of that part of vacated Mill Street lying between Lot 8, block 8, range 5, and Lot 5, block 8, range 6, of the ORIGINAL PLAT OF THE VILLAGE OF PINCKNEY as recorded in Liber 2 of deeds, page 64, Livingston County Records.

PARCEL 9:
All that part of the Southwest 1/4 of the Northwest 1/4 and the Northwest 1/4 of the Southwest 1/4 of Section 23, and that part of Lot 2, Block 8, Range 7, PLAT OF VILLAGE OF PINCKNEY, as recorded in Liber 2, of Deed, Page 64, Livingston County Records described as Commencing at the Southwest corner of said Lot 2; thence North 00 degrees 37 minutes 49 seconds West along the West lot line 11.0 feet to the point of beginning; thence continuing North 00 degrees 37 minutes 49 seconds West 193.82 feet to the South right of way line of the Michigan Department of Transportation railroad, formerly Grand Trunk; thence South 85 degrees 14 minutes 37 seconds East along said railroad right of way line as extended, 18.39 feet; thence South 00 degrees 37 minutes 49 seconds East, 192.83 feet; thence North 87 degrees 41 minutes 47 seconds West, 18.33 feet to the point of beginning.

BENCHMARKS
(NAVD88 - GPS DERIVED)

BM #300
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND MILL STREET.
ELEV. - 901.59

BM #301
RIM OF WATER MAIN GATE VALVE WELL AT THE NORTHWEST CORNER OF THE INTERSECTION OF HOWELL STREET AND DEPOT STREET.
ELEV. - 902.62

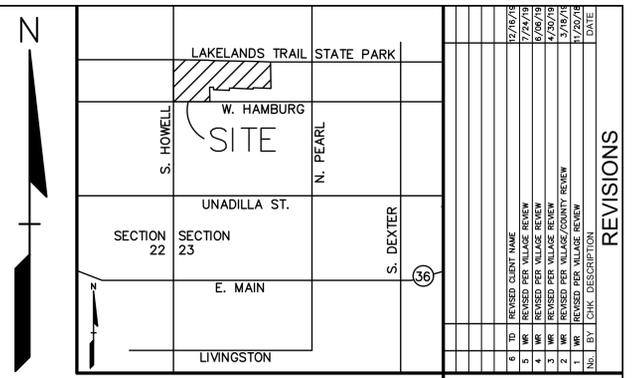
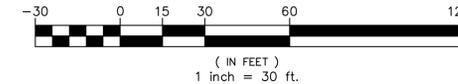
BM #302
RIM OF WATER MAIN GATE VALVE WELL AT THE SOUTHWEST CORNER OF THE INTERSECTION OF HAMBURG STREET AND WEBSTER STREET.
ELEV. - 902.20

FLOODPLAIN NOTE:
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE 'X' (UNSHADED), AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FLOOD INSURANCE RATE MAP NUMBER 26083004300, DATED SEPTEMBER 17, 2008.

UTILITY CROSSING INFORMATION:

① EX. STM. 8"/P=±894.8
PR. W.M. T/P=893.30
MAINTAIN 18" MIN. CLEARANCE

GRAPHIC SCALE



LOCATION MAP - NOT TO SCALE

LEGEND

- IRON FOUND
 - ⊗ IRON SET
 - ⊗ NAIL FOUND
 - ⊗ NAIL & CAP SET
 - ⊗ SEC. CORNER FOUND
 - ⊗ MONUMENT FOUND
 - ⊗ MONUMENT SET
 - ⊗ RECORDED
 - ⊗ MEASURED
 - ⊗ CALCULATED
- EXISTING**
- OH-ELEC— OH-ELEC
 - UG-CATV— UG-CATV
 - UG-PHONE— UG-PHONE
 - UG-ELEC— UG-ELEC
 - WATERMAN, HYD. GATE VALVE, TAPPING SLAVE & VALVE
 - SANITARY SEWER, CLEANOUT & MANHOLE
 - STORM SEWER, CLEANOUT & MANHOLE
 - COMBINED SEWER & MANHOLE
 - SQUARE, ROUND & BENTIVE CATCH BASIN, YARD DRAIN
 - POST INDICATOR VALVE
 - WATER VALVE BOX/HYDRANT VALVE BOX SERVICE SHUTOFF
 - MALBOX, TRANSFORMER, IRRIGATION CONTROL VALVE
 - UNIDENTIFIED STRUCTURE
 - SPOT ELEVATION
 - CONTOUR LINE
 - FENCE
 - GUARD RAIL
 - STREET LIGHT
 - SON
 - CONC.
 - ASPHA.
 - GRAVEL
 - WETLAND
- PROPOSED**
- OH-ELEC— OH-ELEC
 - UG-CATV— UG-CATV
 - UG-PHONE— UG-PHONE
 - UG-ELEC— UG-ELEC
 - GAS MAIN VALVE & GAS LINE MARKER
 - WATERMAN, HYD. GATE VALVE, TAPPING SLAVE & VALVE
 - SANITARY SEWER, CLEANOUT & MANHOLE
 - STORM SEWER, CLEANOUT & MANHOLE
 - COMBINED SEWER & MANHOLE
 - SQUARE, ROUND & BENTIVE CATCH BASIN, YARD DRAIN
 - POST INDICATOR VALVE
 - WATER VALVE BOX/HYDRANT VALVE BOX SERVICE SHUTOFF
 - MALBOX, TRANSFORMER, IRRIGATION CONTROL VALVE
 - UNIDENTIFIED STRUCTURE
 - SPOT ELEVATION
 - CONTOUR LINE
 - FENCE
 - GUARD RAIL
 - STREET LIGHT
 - SON
 - CONC.
 - ASPHA.
 - GRAVEL
 - WETLAND

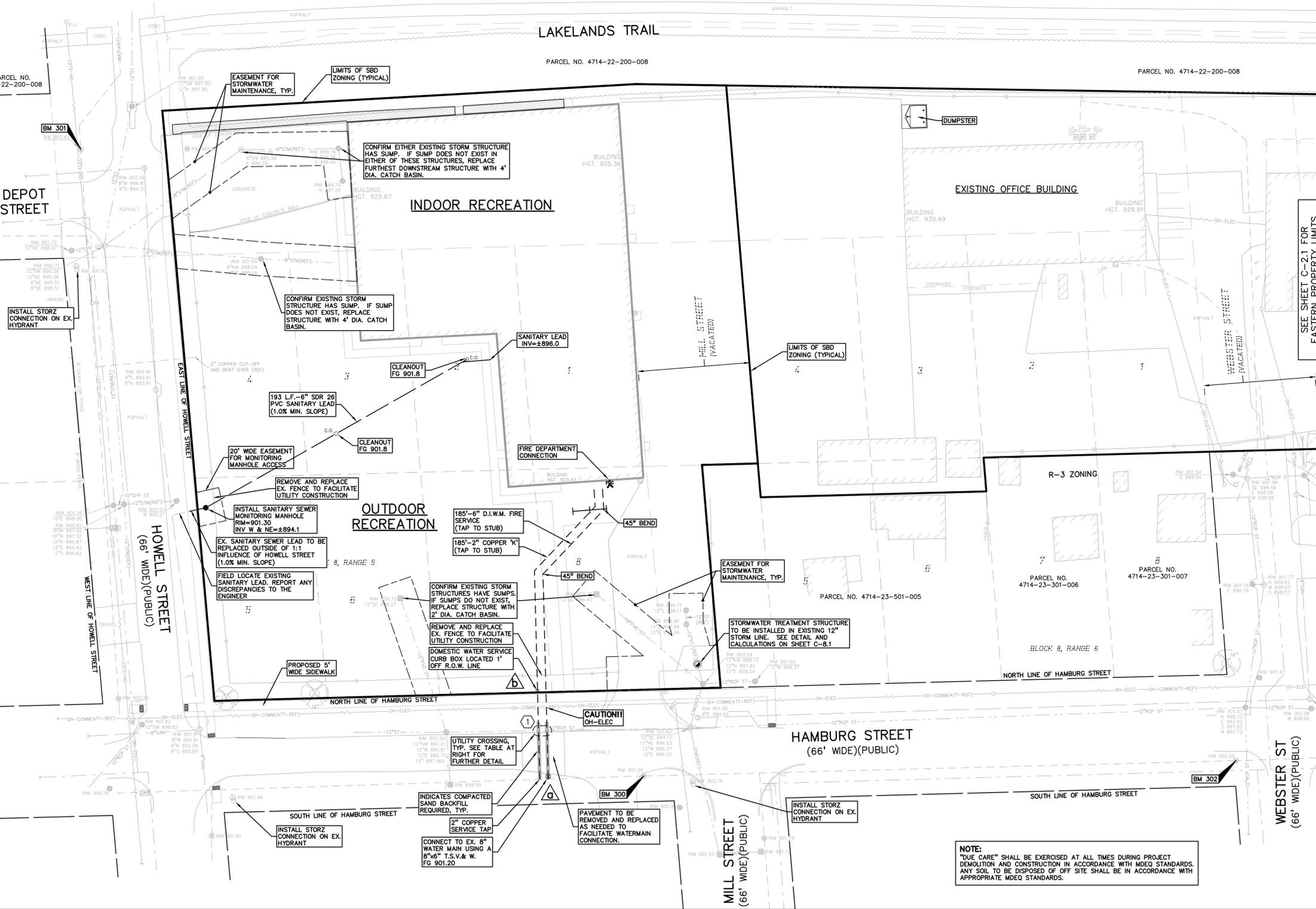
GENERAL UTILITY NOTES:

1. ALL UTILITY LINES, STRUCTURES AND TRENCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF THE VILLAGE OF PINCKNEY.
2. NO PHYSICAL CONNECTION TO THE EXISTING WATER MAIN CAN BE MADE UNTIL ALL NEW WATER MAIN PASSES PRESSURE AND BACTERIOLOGICAL TESTS TO THE SATISFACTION OF THE VILLAGE.
3. REFER TO DETAIL SHEETS C-8.0, C-8.2, AND C-8.3 FOR ADDITIONAL UTILITY DETAILS AND NOTES.
4. ALL WATER MAIN AND FITTINGS (3" DIAMETER AND LARGER) SHALL BE DUCTILE IRON, CLASS 54.
5. WATER MAIN SERVICE LEADS SHALL BE TYPE 'X' ANNEALED SEAMLESS COPPER WITH FLARED FITTINGS, UNLESS OTHERWISE NOTED.
6. ALL WATER MAIN SHALL BE PROVIDED WITH 5.5' OF COVER UNLESS OTHERWISE NOTED.
7. ALL FIRE HYDRANT MODELS PER VILLAGE STANDARDS.
8. ALL HYDRANTS TO BE A MINIMUM OF 5' FROM BACK OF CURB, TYP.
9. ALL NECESSARY FITTINGS, THRUST BLOCKS, RESTRAINING GLANDS, BLOW OFFS, ETC. FOR WATER MAIN ARE CONSIDERED INCIDENTAL TO THIS PROJECT. THE CONTRACTOR SHALL INSTALL THESE ITEMS AS NECESSARY AND AS REQUIRED BY THE VILLAGE OF PINCKNEY.
10. THE WATER MAIN CONTRACTOR SHALL NOTIFY THE VILLAGE OF PINCKNEY IN WRITING AT LEAST THREE WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION.
11. ALL SANITARY SEWER LEADS SHALL BE POLYVINYL CHLORIDE (PVC) SDR 26 PIPE AND FITTINGS. ALL JOINTS TO BE ELASTOMERIC GASKET JOINTS PER ASTM D3212 UNLESS OTHERWISE NOTED.
12. SANITARY LEADS SHALL BE PROVIDED WITH CLEANOUTS EVERY 100 FEET AND AT EVERY BEND AS SHOWN. ALL CLEANOUTS TO BE PROVIDED WITH E.J.L.W. #1565 BOX OR EQUAL.
13. ALL STORM SEWER 12" DIAMETER OR LARGER SHALL BE REINFORCED CONCRETE PIPE (RCP C-76) CLASS IV WITH MODIFIED TONGUE AND GROOVE JOINT WITH RUBBER GASKETS UNLESS SPECIFIED OTHERWISE (ASTM C-443).
14. ALL STORM SEWER LEADS SHALL BE PVC SCHEDULE 40 WITH GLUED JOINTS UNLESS OTHERWISE NOTED.
15. PIPE LENGTHS ARE GIVEN FROM CENTER OF STRUCTURE AND TO END OF FLARED END SECTION UNLESS NOTED OTHERWISE.
16. THE VILLAGE OF PINCKNEY STANDARD DETAILS ARE INCORPORATED INTO AND MADE A PART OF THESE PLANS. CONTRACTOR TO REFER TO THE VILLAGE OF PINCKNEY STANDARD DETAILS FOR ALL STRUCTURE, PIPE MATERIALS, BEDDING, TESTING, ETC. NOTES AND DETAILS.

SAND BACKFILL NOTE:
ALL UTILITIES UNDER PAVEMENT OR WITHIN 3' OF THE EDGE OF PAVEMENT (OR WITHIN THE 45° LINE OF INFLUENCE OF PAVEMENT) SHALL HAVE M.D.O.T. CLASS II GRANULAR BACKFILL COMPACTED TO 95% MAX. DRY DENSITY (ASTM D-1557).

NOTE:
SEE SHEETS C-8.2 AND C-8.3 FOR VILLAGE OF PINCKNEY STANDARD DETAILS.

NOTE:
"DUE CARE" SHALL BE EXERCISED AT ALL TIMES DURING PROJECT DEMOLITION AND CONSTRUCTION IN ACCORDANCE WITH MDOQ STANDARDS. ANY SOIL TO BE DISPOSED OF OFF SITE SHALL BE IN ACCORDANCE WITH APPROPRIATE MDOQ STANDARDS.



NO.	DATE	DESCRIPTION
1	7/20/18	ISSUED PER VILLAGE REVIEW
2	7/20/18	ISSUED PER VILLAGE REVIEW
3	7/20/18	ISSUED PER VILLAGE REVIEW
4	7/20/18	ISSUED PER VILLAGE REVIEW
5	7/20/18	ISSUED PER VILLAGE REVIEW
6	7/20/18	ISSUED PER VILLAGE REVIEW
7	7/20/18	ISSUED PER VILLAGE REVIEW
8	7/20/18	ISSUED PER VILLAGE REVIEW
9	7/20/18	ISSUED PER VILLAGE REVIEW
10	7/20/18	ISSUED PER VILLAGE REVIEW
11	7/20/18	ISSUED PER VILLAGE REVIEW
12	7/20/18	ISSUED PER VILLAGE REVIEW
13	7/20/18	ISSUED PER VILLAGE REVIEW
14	7/20/18	ISSUED PER VILLAGE REVIEW
15	7/20/18	ISSUED PER VILLAGE REVIEW
16	7/20/18	ISSUED PER VILLAGE REVIEW
17	7/20/18	ISSUED PER VILLAGE REVIEW
18	7/20/18	ISSUED PER VILLAGE REVIEW
19	7/20/18	ISSUED PER VILLAGE REVIEW
20	7/20/18	ISSUED PER VILLAGE REVIEW

CAUTION!
THE LOCATION AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CONTRACTOR CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR THE SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND HOLD DESIGN PROFESSIONAL, ARCHITECT AND HOLD DESIGN PROFESSIONAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL
811
Know what's below
Call before you dig
Miss Dig System, Inc.
1-800-482-7171 www.missdig.org



PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC	DES.	WR	DN	IB	SUR	XXX	P.M.	JEC
UTILITY PLAN	18 E. HAMBURG STREET	PINCKNEY, MI 48138						
KRIL SPORTS COMPLEX	PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E.	VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN						
ORIGINAL ISSUE DATE:	AUGUST 16, 2018							
PEA JOB NO.	2018-042							
SCALE:	1" = 30'							
DRAWING NUMBER:	C-7.0							
REF:	S:\PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG							
REF:	S:\PROJECTS\2018\2018042\DWG\SITE PLANS\1-BASE-SP 2018-042.DWG							
REF:	S:\PROJECTS\2018\2018042\DWG\SITE PLANS\1-TBLK-SP 2018-042.DWG							

STORMWATER TREATMENT STRUCTURE BASIS OF DESIGN

Storm Water Treatment Structure Sizing Calculations
Kril Sports Complex

Tributary area: 76,872 s.f. = 1.83 acres

Runoff Coefficient Calculations for proposed site conditions:

Description	Area (s.f.)	C value
Building	16,461	0.90
Pavement	43,154	0.90
Gravel parking	8,340	0.60
Grass	11,678	0.20

Composite C Value: 0.77

Flow to Treatment Structure:
based on Oakland County's method, 1 yr, 24 hour storm, NOAA 14

Rational Method: C=0.77

$Q = CiA$
 $Q = 0.77(76,872)(0.24)$
 $Q = 14,140 \text{ gpcpd}$

WATERMAIN BASIS OF DESIGN

WATER MAIN BASIS OF DESIGN:
(Unit Factors Based on OCWRC Unit Assignment Factors)

Health Club/Fitness	25,223 S.F.
Square Footage	25,223 S.F.
Unit Factor	0.12 per 1,000 sf
REU	3.0
Population (P) (3.5 PEOPLE/EDU)	10.6 People
TOTAL	3.0
REU	3.0
Average Flow (150 GPCPD)	1,589 G.P.D.
	0.002 C.F.S.
	0.002 M.G.D.
Design Max. Flow = (2"avg)	3178.10 G.P.D.
	0.005 C.F.S.
	0.003 M.G.D.

RUNOFF COEFFICIENT CALCULATIONS

Runoff Coefficient Calculations
Existing Condition vs. Proposed Condition

Total Site Area: SBD Zoning: 2.61 Acres

Description	Area (s.f.)	Runoff Coefficient "C"
Building	27,967	0.90
Pavement	49,031	0.90
Gravel	26,989	0.70
Grass/pervious area	9,705	0.20
Average "C" Value		0.79

Proposed Conditions

Description	Area (s.f.)	Runoff Coefficient "C"
Building	27,967	0.90
Pavement	68,418	0.90
Gravel	17,307	0.70
Grass/pervious area	17,307	0.20
Average "C" Value		0.79

Proposed re-development will maintain existing runoff coefficient

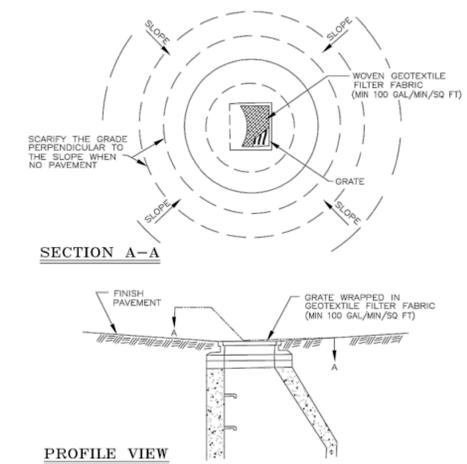
SANITARY SEWER BASIS OF DESIGN

PROPOSED SANITARY SEWER BASIS OF DESIGN:
(Unit Factors Based on OCWRC Unit Assignment Factors)

Kids Indoor Play Center	25,223 S.F.
Square Footage	25,223 S.F.
Unit Factor	0.12 per 1,000 s.f.
REU	3.0
Population (P) (3.5 PEOPLE/EDU)	10.6 People
TOTAL	3.0
REU	3.0
Average Flow (100 GPCPD)	1,111 G.P.D.
	0.002 C.F.S.
P (1000s)	0.011
Peaking Factor (PF)	4.41
PF = (18+sqrt(P)) / (4+sqrt(P))	
Peak Flow (Q.D.P.)	4,674 G.P.D.
Peak Flow (C.F.S.)	0.007 C.F.S.
6" Pipe Capacity Provided =	0.73 C.F.S.

GEOTEXTILE FABRIC LOW POINT YARD INLET FILTER
STANDARD CONTROL NON-WINTER USE

NOT FOR USE IN WINTER MONTHS OR IN AREAS THAT MAY BECOME A SAFETY HAZARD DUE TO FLOODING OR FREEZING



EROSION CONTROL STANDARDS:

- ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO STANDARDS AND SPECIFICATIONS OF THE JURISDICTIONAL AGENCY UNDER PART 91 OF ACT 451 OF 1994, AS AMENDED.
- DAILY INSPECTIONS SHALL BE MADE BY CONTRACTOR WHILE WORKING TO DETERMINE THE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES. ANY NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT DELAY. ALL SOIL EROSION CONTROL PROVISIONS SHALL BE PROPERLY MAINTAINED DURING CONSTRUCTION.
- EROSION AND ANY SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES, AND PONDS.
- CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES WHEN REQUIRED AND AS DIRECTED ON THESE PLANS. CONTRACTOR SHALL REMOVE TEMPORARY MEASURES AS SOON AS PERMANENT STABILIZATION OF SLOPES, DITCHES, AND OTHER EARTH CHANGE AREAS HAVE BEEN COMPLETED.
- STAGING THE WORK WILL BE DONE BY THE CONTRACTOR AS DIRECTED IN THESE PLANS AND AS REQUIRED TO ENSURE PROGRESSIVE STABILIZATION OF DISTURBED EARTH.
- SOIL EROSION CONTROL PRACTICES WILL BE ESTABLISHED IN EARLY STAGES OF CONSTRUCTION BY THE CONTRACTOR. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTING OF SILT OFF THE SITE.
- DUST SHALL BE CONTROLLED BY WATERING OR BY OTHER APPROVED MEANS THROUGHOUT ALL CONSTRUCTION OPERATIONS.
- BY OTHER APPROVED MEANS THROUGHOUT ALL CONSTRUCTION OPERATIONS.
- SOIL EROSION CONTROL MEASURES FOR SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 5 CALENDAR DAYS AFTER FINAL GRADING OR THE FINAL EARTH CHANGE HAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER AN EARTH CHANGE HAS BEEN COMPLETED OR WHERE SIGNIFICANT EARTH CHANGE HAS BEEN COMPLETED OR WHERE SIGNIFICANT EARTH CHANGE ACTIVITY CEASES, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED WITHIN 5 CALENDAR DAYS. ALL TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND ESTABLISHED BEFORE A CERTIFICATE OF COMPLIANCE IS ISSUED.
- THE CONTRACTOR SHALL PRESERVE NATURAL VEGETATION AS MUCH AS POSSIBLE.
- ANY WORK OUTSIDE OF THE LIMITS OF DISTURBANCE SHALL REQUIRE A SEPARATE GRADING PERMIT.
- FOLLOWING THE PLACEMENT OF 4" OF TOPSOIL AND HYDROSEED, STRAW MULCH BLANKET IS TO BE INSTALLED PERPENDICULAR ALONG THE PROPOSED SLOPES 1:4 OR STEEPER FROM TOP OF SLOPE TO TOE OF SLOPE, INCLUDING DITCH BOTTOMS, AND IT MUST BE PEGGED IN PLACE.
- ALL MUD/DIRT TRACKED ONTO EXISTING COUNTY/CITY ROADS FROM THIS SITE, DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- TEMPORARY STABILIZATION OF THE ENTIRE SITE SHALL BE COMPLETED AND APPROVAL OBTAINED FROM THE LIVINGSTON COUNTY DRAIN COMMISSIONERS OFFICE PRIOR TO THE ISSUANCE OF ANY SINGLE FAMILY DWELLING PERMITS.

SEQUENCE OF CONSTRUCTION:

START DAY	END DAY	DESCRIPTION
1	5	PLACE SILT AND SEDIMENT TRAPS AS INDICATED ON THE PLANS. NOTE THAT ALL SILT FENCE SHALL BE 36" HIGH. NO EXCEPTIONS.
5	20	REMOVE ALL PAVEMENT, SIDEWALK, UTILITIES, BUILDINGS, FENCES AND SIGNS AS REQUIRED TO INSTALL THE PROPOSED WORK AS SHOWN ON THE DEMOLITION PLAN.
1	300	DISPOSE OF ALL EXCESS/UNSUITABLE MATERIALS OFF SITE IN A LEGAL MANNER. NO ON-SITE BURN OR BURY PITS ALLOWED.
5	30	ROUGH GRADE SITE. SEED AND MULCH BLANKETS MUST BE INSTALLED AS SHOWN WITHIN 5 DAYS OF FINAL GRADE. REPAIR AND/OR RE-INSTALL ANY TEMPORARY SOIL EROSION CONTROL MEASURES THAT WERE DAMAGED DURING GRADING OPERATIONS.
5	40	INSTALL SITE UTILITIES (STORM SEWER, SANITARY SEWER, WATER MAIN ETC.). INSTALL STORMWATER TREATMENT STRUCTURE. INSTALL INLET FILTERS AT ALL PROPOSED CATCH BASINS.
5	90	TEMPORARY SEEDING MUST BE PROVIDED IN AREAS NOT TO BE WORKED ON FOR 15 DAYS OR LONGER.
40	45	FINE GRADE SITE AND PREPARE FOR SITE PAVING OPERATIONS.
45	60	INSTALL ALL PAVEMENT, SIDEWALKS, CURBING AS PROPOSED. IF PERMANENT LANDSCAPING IS NOT TO BE INSTALLED SOON AFTER PAVING IS COMPLETE, ALL AREAS WITHIN 20 FEET OF BACK OF CURB MUST BE TEMPORARILY SEEDED. REPAIR INLET FILTERS, SILT FENCE AND ANY OTHER DAMAGED SOIL EROSION CONTROL MEASURES AS NECESSARY.
55	60	FINAL GRADE, REDISTRIBUTE STOCKPILED TOPSOIL, ESTABLISH VEGETATION AND INSTALL ALL PERMANENT LANDSCAPING IN ALL DISTURBED AREAS NOT BUILT.
60	70	CLEAN PAVEMENT AND REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES. RE-ESTABLISH VEGETATION AS REQUIRED.
70	90	REMOVE SEDIMENTATION CONTROLS ONCE ENTIRE SITE HAS BEEN PERMANENTLY STABILIZED AND CERTIFICATE OF COMPLETION HAS BEEN ISSUED BY WAYNE COUNTY FOR THE SESC PERMIT.

REVISIONS

NO.	DATE	DESCRIPTION
1	7/20/18	ISSUE FOR PERMIT
2	7/20/18	REVISED PER VALUATION REVIEW
3	7/20/18	REVISED PER VALUATION REVIEW
4	7/20/18	REVISED PER VALUATION REVIEW
5	7/20/18	REVISED PER VALUATION REVIEW
6	7/20/18	REVISED PER VALUATION REVIEW
7	7/20/18	REVISED PER VALUATION REVIEW
8	7/20/18	REVISED PER VALUATION REVIEW
9	7/20/18	REVISED PER VALUATION REVIEW
10	7/20/18	REVISED PER VALUATION REVIEW
11	7/20/18	REVISED PER VALUATION REVIEW
12	7/20/18	REVISED PER VALUATION REVIEW
13	7/20/18	REVISED PER VALUATION REVIEW
14	7/20/18	REVISED PER VALUATION REVIEW
15	7/20/18	REVISED PER VALUATION REVIEW
16	7/20/18	REVISED PER VALUATION REVIEW
17	7/20/18	REVISED PER VALUATION REVIEW
18	7/20/18	REVISED PER VALUATION REVIEW
19	7/20/18	REVISED PER VALUATION REVIEW
20	7/20/18	REVISED PER VALUATION REVIEW

CAUTION!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE DRAWINGS ARE ONLY APPROXIMATE. NO GUARANTEE IS GIVEN FOR THE ACCURACY OF THESE UTILITIES. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR THE SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL LIABILITY FROM ANY AND ALL LIABILITY, LOSS OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811
Know what's below
Call before you dig
MISS DIG System, Inc.
1-800-482-7171 www.missdig.org

PEA

PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC
183 E. HAMBURG STREET
PINCKNEY, MI 48159

NOTES AND DETAILS II
KRIL SPORTS COMPLEX
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E.,
VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

DES. WR. DN. IB. SUR. XXX. JEC. P.M.

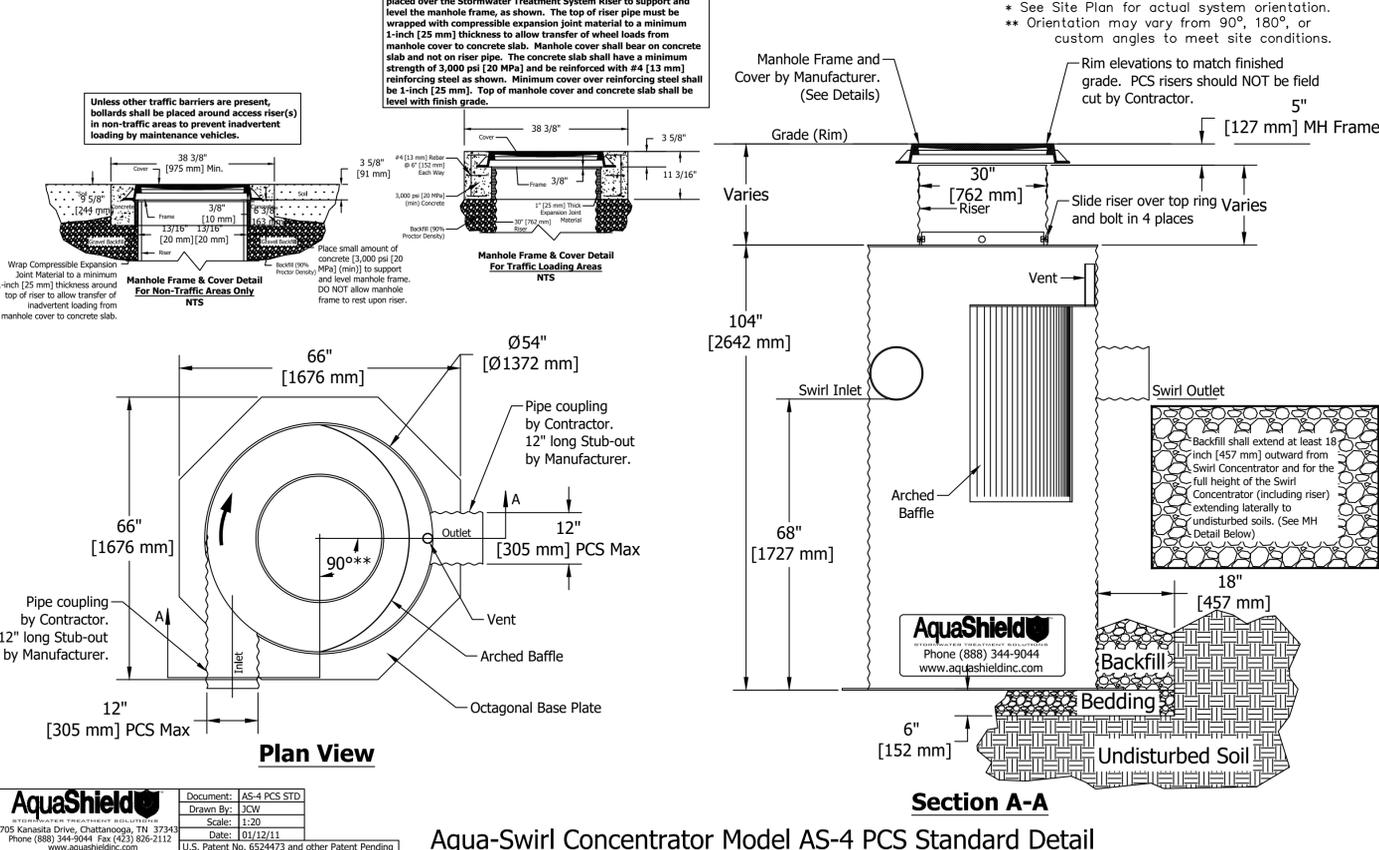
ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO. 2018-042

SCALE: NO SCALE

DRAWING NUMBER:
C-8.1

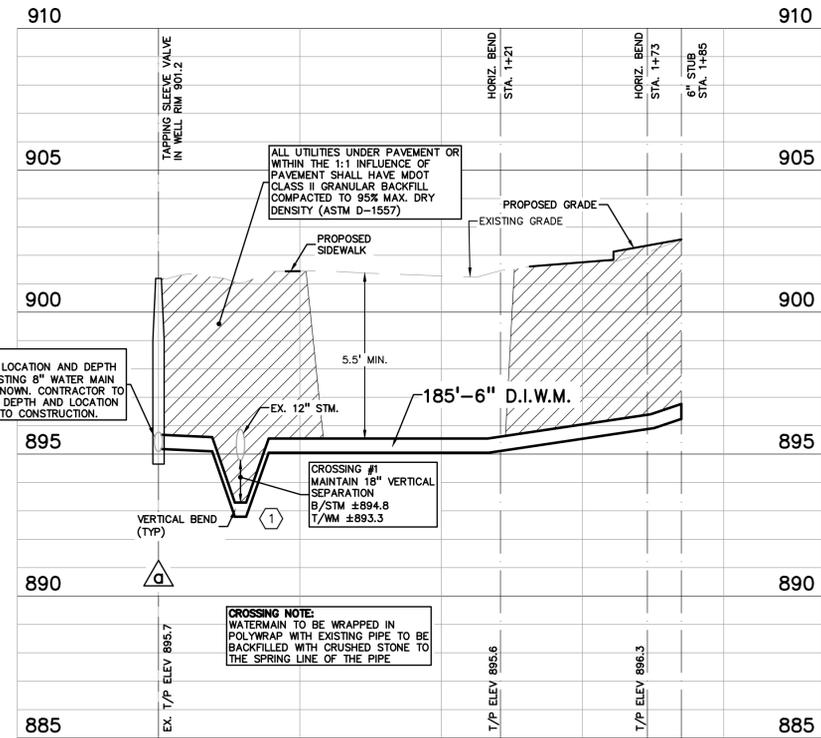
Aqua-Swirl Polymer Coated Steel (PCS) Stormwater Treatment System



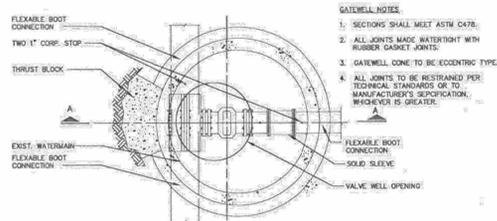
Aqua-Shield Aqua-Swirl Concentrator Model AS-4 PCS Standard Detail

(OR APPROVED EQUAL)

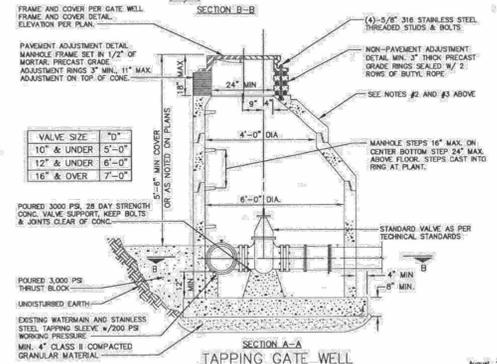
STORMWATER TREATMENT STRUCTURE DETAIL



FIRE LEAD PROFILE



- GATEWELL NOTES**
- SECTIONS SHALL MEET ASTM A478.
 - ALL JOINTS MADE WATER TIGHT WITH RUBBER GASKET JOINTS.
 - GATEWELL CONE TO BE ECCENTRIC TYPE.
 - ALL JOINTS TO BE RESTRAINED PER TECHNICAL STANDARDS OR TO MANUFACTURER'S SPECIFICATION, WHICHEVER IS GREATER.



VALVE SIZE

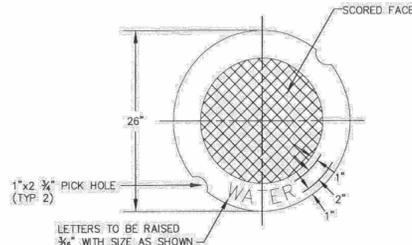
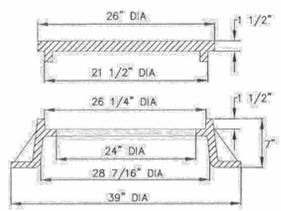
10" & UNDER	3'-0"
12" & UNDER	6'-0"
16" & OVER	7'-0"

TAPPING GATE WELL

August, 2008
207519A300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-8206
FAX: (734) 878-9749

Stantec
Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor MI U.S.A.
48108-2216
Tel. 734.761.1010
Fax. 734.761.1200
www.stantec.com



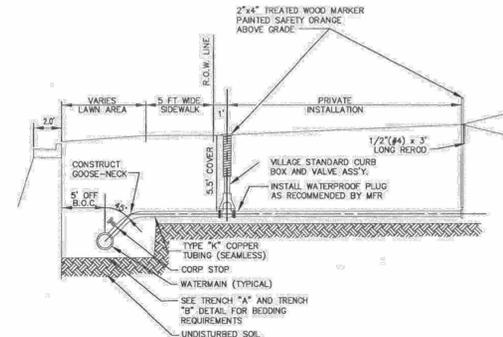
- GATE WELL FRAME & COVER**
- LETTERS TO BE RAISED 3/16" WITH SIZE AS SHOWN
- NOTES:**
- STANDARD FRAME & COVER TO BE E.I.J.W. 1040A.
 - MATERIAL: GRAY IRON, A.S.T.M. STD. SPEC. A-48, CLASS 30, BEARING SURFACE OF COVER SHALL BE GROUNDED TO PREVENT ROCKING.
 - 1040 - ZPT SHALL BE UTILIZED WITH 4 STAINLESS STEEL BOLTS IN WET AREAS OR AS DETERMINED BY THE VILLAGE ENGINEER.

GATE WELL FRAME & COVER

August, 2008
207519A300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-8206
FAX: (734) 878-9749

Stantec
Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor MI U.S.A.
48108-2216
Tel. 734.761.1010
Fax. 734.761.1200
www.stantec.com



WATER SERVICE CONNECTION
DETAIL
NO SCALE

- SERVICE DIAMETER AS SHOWN ON PLANS.
- CURB BOX SHALL BE 5 FT. MIN. DISTANCE FROM ALL OTHER UTILITIES.
- ALL WATER SERVICE APPURTENANCES TO BE COMPRESSION FITTINGS ONLY PER DETAILED SPECIFICATIONS.
- FOR 1" SERVICE LEAD, NO JOINTS FROM CURB BOX TO METER.

August, 2008
207519A300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-8206
FAX: (734) 878-9749

Stantec
Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor MI U.S.A.
48108-2216
Tel. 734.761.1010
Fax. 734.761.1200
www.stantec.com

TEES, CROSSES & HYDRANTS

PIPE DIA. INCHES	BEARING AREA SQUARE FEET
4	1.5
6	2.9
8	4.8
10	7.1
12	10.0
16	17.1
18	21.0
20	26.0
24	36.0

ELBOWS

PIPE DIA. INCHES	BEARING AREA SQUARE FEET
4	2.1 1.1 0.6 0.3
6	4.1 2.2 1.1 0.6
8	6.8 3.7 1.9 0.9
10	10.1 5.5 2.8 1.4
12	14.1 7.6 3.9 2.0
16	24.2 13.0 6.7 3.3
18	30.0 16.1 8.3 4.2
20	36.8 19.9 10.1 5.1
24	52.0 30.0 20.2 6.0



- NOTES:**
- CONCRETE FOR ALL THRUST BLOCKS SHALL BE 3000 PSI, 28 DAY STRENGTH MIN.
 - ALL THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH.
 - BOLTS, FITTINGS & JOINTS SHALL BE KEPT CLEAR OF CONCRETE.
 - A BEARING CAPACITY OF 2000# PER FOOT WAS USED IN DETERMINING THE MINIMUM BEARING AREAS IN THE ABOVE TABLE.
 - THE CROSS SECTION OF THE THRUST BLOCKS SHALL BE SQUARE.

SOIL CHARACTERISTICS

SOIL CHARACTERISTICS	FACTOR
(A) LOOSE COARSE OR MEDIUM SAND; COMPACT FINE SAND; COMPACT SAND-CLAY SOILS; STIFF CLAY	0.33
(B) FIRM FINE SAND; COMPACT INORGANIC SILT; FIRM SAND-CLAY SOILS; MEDIUM CLAY	0.50
(C) LOOSE FINE SAND; FIRM INORGANIC SILT	0.67
(D) LOOSE SAND-CLAY SOILS; LOOSE INORGANIC SILT SOFT CLAY	1.00

*BEARING AREA * FACTOR = ACTUAL BEARING AREA
2.1 x .33 = 1.06 SQ. FT.
BASED UPON 150# TEST PRESSURE.

THRUST BLOCK

September, 2007
207519A300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-8206
FAX: (734) 878-9749

Stantec
Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor MI U.S.A.
48108-2216
Tel. 734.761.1010
Fax. 734.761.1200
www.stantec.com

REVISIONS

NO.	DATE	DESCRIPTION
1	7/20/18	ISSUED FOR PERMITS
2	7/20/18	REVISED PER VILLAGE REVIEW
3	7/20/18	REVISED PER VILLAGE REVIEW
4	7/20/18	REVISED PER VILLAGE REVIEW
5	7/20/18	REVISED PER VILLAGE REVIEW
6	7/20/18	REVISED PER VILLAGE REVIEW
7	7/20/18	REVISED PER VILLAGE REVIEW
8	7/20/18	REVISED PER VILLAGE REVIEW
9	7/20/18	REVISED PER VILLAGE REVIEW
10	7/20/18	REVISED PER VILLAGE REVIEW
11	7/20/18	REVISED PER VILLAGE REVIEW
12	7/20/18	REVISED PER VILLAGE REVIEW
13	7/20/18	REVISED PER VILLAGE REVIEW
14	7/20/18	REVISED PER VILLAGE REVIEW
15	7/20/18	REVISED PER VILLAGE REVIEW
16	7/20/18	REVISED PER VILLAGE REVIEW
17	7/20/18	REVISED PER VILLAGE REVIEW
18	7/20/18	REVISED PER VILLAGE REVIEW
19	7/20/18	REVISED PER VILLAGE REVIEW
20	7/20/18	REVISED PER VILLAGE REVIEW
21	7/20/18	REVISED PER VILLAGE REVIEW
22	7/20/18	REVISED PER VILLAGE REVIEW
23	7/20/18	REVISED PER VILLAGE REVIEW
24	7/20/18	REVISED PER VILLAGE REVIEW
25	7/20/18	REVISED PER VILLAGE REVIEW
26	7/20/18	REVISED PER VILLAGE REVIEW
27	7/20/18	REVISED PER VILLAGE REVIEW
28	7/20/18	REVISED PER VILLAGE REVIEW
29	7/20/18	REVISED PER VILLAGE REVIEW
30	7/20/18	REVISED PER VILLAGE REVIEW
31	7/20/18	REVISED PER VILLAGE REVIEW
32	7/20/18	REVISED PER VILLAGE REVIEW
33	7/20/18	REVISED PER VILLAGE REVIEW
34	7/20/18	REVISED PER VILLAGE REVIEW
35	7/20/18	REVISED PER VILLAGE REVIEW
36	7/20/18	REVISED PER VILLAGE REVIEW
37	7/20/18	REVISED PER VILLAGE REVIEW
38	7/20/18	REVISED PER VILLAGE REVIEW
39	7/20/18	REVISED PER VILLAGE REVIEW
40	7/20/18	REVISED PER VILLAGE REVIEW
41	7/20/18	REVISED PER VILLAGE REVIEW
42	7/20/18	REVISED PER VILLAGE REVIEW
43	7/20/18	REVISED PER VILLAGE REVIEW
44	7/20/18	REVISED PER VILLAGE REVIEW
45	7/20/18	REVISED PER VILLAGE REVIEW
46	7/20/18	REVISED PER VILLAGE REVIEW
47	7/20/18	REVISED PER VILLAGE REVIEW
48	7/20/18	REVISED PER VILLAGE REVIEW
49	7/20/18	REVISED PER VILLAGE REVIEW
50	7/20/18	REVISED PER VILLAGE REVIEW

CAUTION!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE SUBMITTED ON THE CONDITION THAT THEY ARE NOT TO BE USED, REPRODUCED, OR COPIED IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS, WITHOUT THE PRIOR WRITTEN CONSENT OF PEA, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2018 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERAL ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THE REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO CONSTRUCTION OF THE PROJECT. CONSTRUCTION CONTRACTOR FURTHER AGREES THAT THE DESIGN PROFESSIONAL, INCLUDING ANY HOLD DESIGN PROFESSIONAL, SHALL NOT BE RESPONSIBLE FOR THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811
Know what's below
Call before you dig
MISS Dig System, Inc.
1-800-482-7171 www.missdig.org
(TOLL FREE)



PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC
183 E. HAMBURG STREET
PINCKNEY, MI 48169

VILLAGE OF PINCKNEY STANDARD DETAILS I
KRIL SPORTS COMPLEX
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E.,
VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

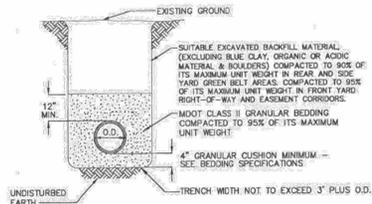
DES. WR DN IB SUR XXX P.M. JEC

ORIGINAL ISSUE DATE:
AUGUST 16, 2018

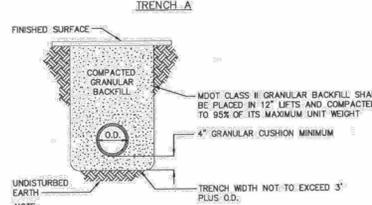
PEA JOB NO. 2018-042

SCALE: NO SCALE

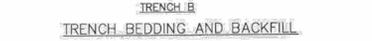
DRAWING NUMBER:
C-8.2



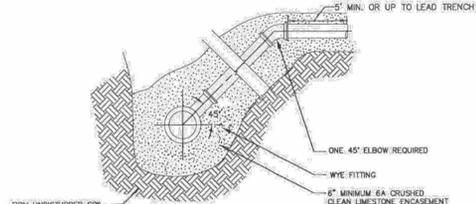
NOTE: TRENCH A SHALL BE USED UNDER ALL CONDITIONS IN WHICH TRENCH B DOES NOT APPLY. STONE MAY BE USED IN WET GROUND AS APPROVED BY ENGINEER.



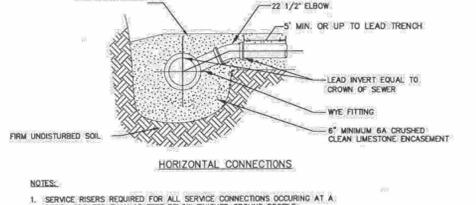
NOTE: TRENCH B SHALL BE USED UNDER ALL PAVEMENT CONDITIONS, SIDEWALK, CURB, & GUTTER, AND WHERE PIPE BOTTOM IS WITHIN 1 ON 1 INFLUENCE OF PAVEMENT. STONE MAY BE USED IN WET GROUND AS APPROVED BY ENGINEER.



TRENCH BEDDING AND BACKFILL

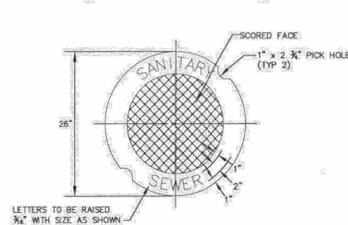
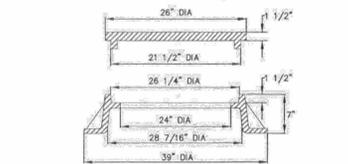


NOTE: 1. SERVICE RISERS REQUIRED FOR ALL SERVICE CONNECTIONS OCCURRING AT A DEPTH GREATER THAN 18 FEET BELOW FINISHED GROUND PROFILE.
2. ALL NEW SERVICE CONNECTIONS TO EXISTING SEWER MAIN WHICH DO NOT HAVE AN EXISTING WYE SHALL USE A SADDLE (ROMAC WITH STAINLESS STEEL BANDS) AS APPROVED BY THE VILLAGE ENGINEER.



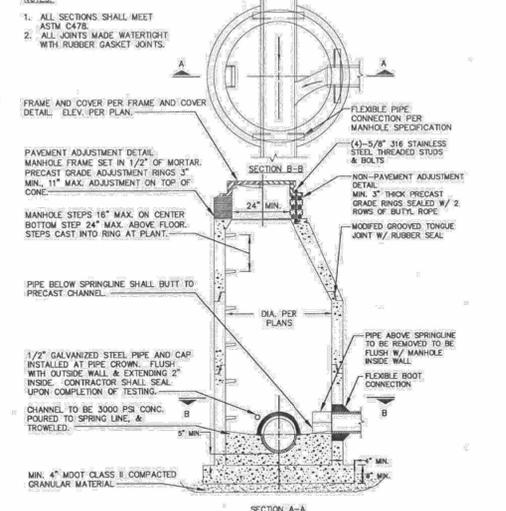
NOTE: 1. SERVICE RISERS REQUIRED FOR ALL SERVICE CONNECTIONS OCCURRING AT A DEPTH GREATER THAN 18 FEET BELOW FINISHED GROUND PROFILE.
2. ALL NEW SERVICE CONNECTIONS TO EXISTING SEWER MAIN WHICH DO NOT HAVE AN EXISTING WYE SHALL USE A SADDLE (ROMAC WITH STAINLESS STEEL BANDS) AS APPROVED BY THE VILLAGE ENGINEER.

SERVICE CONNECTION



NOTES: 1) STANDARD FRAME & COVER TO BE E.I.J.W. 1040A.
2) MATERIAL: GRAY IRON, A.S.T.M. STD. SPEC. A-48, CLASS 30, BEARING SURFACE OF COVER SHALL BE GROUNDED TO PREVENT RUSTING.
3) 1040 - 2PT SHALL BE UTILIZED WITH 4 STAINLESS STEEL BOLTS IN WET AREAS OR AS DETERMINED BY THE VILLAGE ENGINEER.

SANITARY SEWER FRAME & COVER



STANDARD SANITARY MANHOLE

August, 2008
2079104300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-9209
FAX: (734) 878-9749

Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor, MI U.S.A.
48108-2216
Tel: 734.761.1010
Fax: 734.761.1200
www.stantec.com

August, 2008
2079104300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-9209
FAX: (734) 878-9749

Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor, MI U.S.A.
48108-2216
Tel: 734.761.1010
Fax: 734.761.1200
www.stantec.com

August, 2008
2079104300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-9209
FAX: (734) 878-9749

Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor, MI U.S.A.
48108-2216
Tel: 734.761.1010
Fax: 734.761.1200
www.stantec.com

September, 2007
2079104300

VILLAGE OF PINCKNEY
220 S. HOWELL ST.
PINCKNEY, MI 48169
TEL: (734) 878-9209
FAX: (734) 878-9749

Stantec Consulting Michigan Inc.
3959 Research Park Drive
Ann Arbor, MI U.S.A.
48108-2216
Tel: 734.761.1010
Fax: 734.761.1200
www.stantec.com

NO.	DATE	DESCRIPTION
1	7/20/18	ISSUED FOR PERMITS
2	7/27/18	REVISED PER VILLAGE REVIEW
3	8/16/18	REVISED PER VILLAGE REVIEW
4	8/23/18	REVISED PER VILLAGE REVIEW
5	9/13/18	REVISED PER VILLAGE REVIEW
6	9/20/18	REVISED PER VILLAGE REVIEW
7	10/1/18	REVISED PER VILLAGE REVIEW
8	10/1/18	REVISED PER VILLAGE REVIEW
9	10/1/18	REVISED PER VILLAGE REVIEW
10	10/1/18	REVISED PER VILLAGE REVIEW
11	10/1/18	REVISED PER VILLAGE REVIEW
12	10/1/18	REVISED PER VILLAGE REVIEW
13	10/1/18	REVISED PER VILLAGE REVIEW
14	10/1/18	REVISED PER VILLAGE REVIEW
15	10/1/18	REVISED PER VILLAGE REVIEW
16	10/1/18	REVISED PER VILLAGE REVIEW
17	10/1/18	REVISED PER VILLAGE REVIEW
18	10/1/18	REVISED PER VILLAGE REVIEW
19	10/1/18	REVISED PER VILLAGE REVIEW
20	10/1/18	REVISED PER VILLAGE REVIEW
21	10/1/18	REVISED PER VILLAGE REVIEW
22	10/1/18	REVISED PER VILLAGE REVIEW
23	10/1/18	REVISED PER VILLAGE REVIEW
24	10/1/18	REVISED PER VILLAGE REVIEW
25	10/1/18	REVISED PER VILLAGE REVIEW
26	10/1/18	REVISED PER VILLAGE REVIEW
27	10/1/18	REVISED PER VILLAGE REVIEW
28	10/1/18	REVISED PER VILLAGE REVIEW
29	10/1/18	REVISED PER VILLAGE REVIEW
30	10/1/18	REVISED PER VILLAGE REVIEW
31	10/1/18	REVISED PER VILLAGE REVIEW
32	10/1/18	REVISED PER VILLAGE REVIEW
33	10/1/18	REVISED PER VILLAGE REVIEW
34	10/1/18	REVISED PER VILLAGE REVIEW
35	10/1/18	REVISED PER VILLAGE REVIEW
36	10/1/18	REVISED PER VILLAGE REVIEW
37	10/1/18	REVISED PER VILLAGE REVIEW
38	10/1/18	REVISED PER VILLAGE REVIEW
39	10/1/18	REVISED PER VILLAGE REVIEW
40	10/1/18	REVISED PER VILLAGE REVIEW
41	10/1/18	REVISED PER VILLAGE REVIEW
42	10/1/18	REVISED PER VILLAGE REVIEW
43	10/1/18	REVISED PER VILLAGE REVIEW
44	10/1/18	REVISED PER VILLAGE REVIEW
45	10/1/18	REVISED PER VILLAGE REVIEW
46	10/1/18	REVISED PER VILLAGE REVIEW
47	10/1/18	REVISED PER VILLAGE REVIEW
48	10/1/18	REVISED PER VILLAGE REVIEW
49	10/1/18	REVISED PER VILLAGE REVIEW
50	10/1/18	REVISED PER VILLAGE REVIEW

CAUTION!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS GIVEN FOR THE ACCURACY OF THESE UTILITIES. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE LOANED TO THE CONTRACTOR FOR THEIR USE ONLY AND ARE NOT TO BE REPRODUCED, COPIED, IN WHOLE OR IN PART, OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF PEA, INC. ALL CONDITIONS OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE VILLAGE ENGINEER AND THE VILLAGE BOARD OF VILLAGE ENGINEERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE VILLAGE ENGINEER AND THE VILLAGE BOARD OF VILLAGE ENGINEERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE VILLAGE ENGINEER AND THE VILLAGE BOARD OF VILLAGE ENGINEERS.

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811

Know what's below
Call before you dig

MISS Dig System, Inc.
1-800-482-7171 www.missdig.org



PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC
183 E. HAMBURG STREET
PINCKNEY, MI 48169

VILLAGE OF PINCKNEY STANDARD DETAILS II
KRIL SPORTS COMPLEX
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E.,
VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN

DES: WR DN IB SUR XXX P.M. JEC

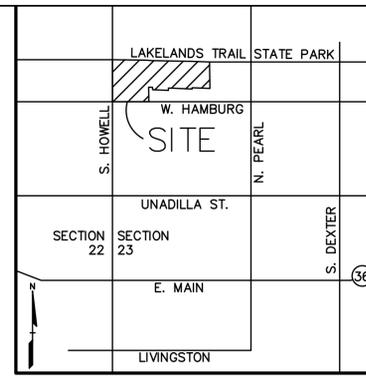
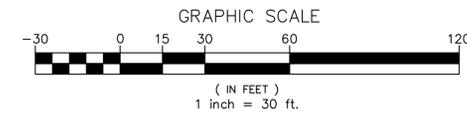
ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO. 2018-042

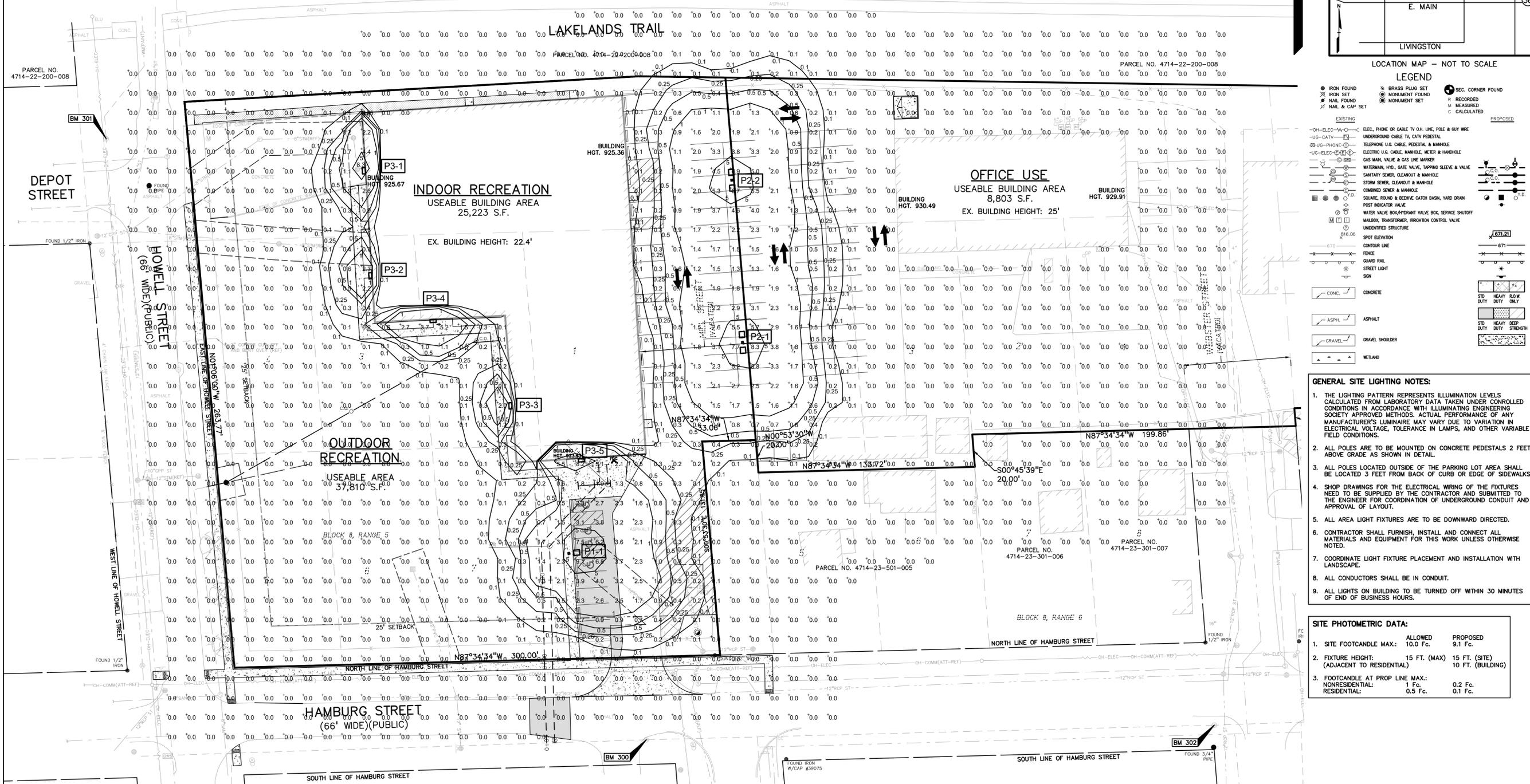
SCALE: NO SCALE

DRAWING NUMBER:
C-8.3

REVISIONS



NO.	DATE	DESCRIPTION
1	7/27/18	ISSUED FOR PERMITS
2	8/16/18	REVISED PER VILLAGE REVIEW
3	9/12/18	REVISED PER VILLAGE REVIEW
4	10/10/18	REVISED PER VILLAGE REVIEW
5	11/16/18	REVISED PER VILLAGE REVIEW
6	12/13/18	REVISED PER VILLAGE REVIEW
7	1/10/19	REVISED PER VILLAGE REVIEW
8	2/7/19	REVISED PER VILLAGE REVIEW
9	3/6/19	REVISED PER VILLAGE REVIEW
10	4/4/19	REVISED PER VILLAGE REVIEW
11	5/3/19	REVISED PER VILLAGE REVIEW
12	6/1/19	REVISED PER VILLAGE REVIEW
13	6/27/19	REVISED PER VILLAGE REVIEW
14	7/25/19	REVISED PER VILLAGE REVIEW
15	8/22/19	REVISED PER VILLAGE REVIEW
16	9/19/19	REVISED PER VILLAGE REVIEW
17	10/17/19	REVISED PER VILLAGE REVIEW
18	11/14/19	REVISED PER VILLAGE REVIEW
19	12/12/19	REVISED PER VILLAGE REVIEW
20	1/9/20	REVISED PER VILLAGE REVIEW
21	2/6/20	REVISED PER VILLAGE REVIEW
22	3/5/20	REVISED PER VILLAGE REVIEW
23	4/2/20	REVISED PER VILLAGE REVIEW
24	5/1/20	REVISED PER VILLAGE REVIEW
25	5/29/20	REVISED PER VILLAGE REVIEW
26	6/26/20	REVISED PER VILLAGE REVIEW
27	7/24/20	REVISED PER VILLAGE REVIEW
28	8/21/20	REVISED PER VILLAGE REVIEW
29	9/18/20	REVISED PER VILLAGE REVIEW
30	10/16/20	REVISED PER VILLAGE REVIEW
31	11/13/20	REVISED PER VILLAGE REVIEW
32	12/11/20	REVISED PER VILLAGE REVIEW
33	1/8/21	REVISED PER VILLAGE REVIEW
34	2/5/21	REVISED PER VILLAGE REVIEW
35	3/5/21	REVISED PER VILLAGE REVIEW
36	4/2/21	REVISED PER VILLAGE REVIEW
37	5/1/21	REVISED PER VILLAGE REVIEW
38	5/29/21	REVISED PER VILLAGE REVIEW
39	6/26/21	REVISED PER VILLAGE REVIEW
40	7/24/21	REVISED PER VILLAGE REVIEW
41	8/21/21	REVISED PER VILLAGE REVIEW
42	9/18/21	REVISED PER VILLAGE REVIEW
43	10/16/21	REVISED PER VILLAGE REVIEW
44	11/13/21	REVISED PER VILLAGE REVIEW
45	12/11/21	REVISED PER VILLAGE REVIEW
46	1/8/22	REVISED PER VILLAGE REVIEW
47	2/5/22	REVISED PER VILLAGE REVIEW
48	3/5/22	REVISED PER VILLAGE REVIEW
49	4/2/22	REVISED PER VILLAGE REVIEW
50	5/1/22	REVISED PER VILLAGE REVIEW
51	5/29/22	REVISED PER VILLAGE REVIEW
52	6/26/22	REVISED PER VILLAGE REVIEW
53	7/24/22	REVISED PER VILLAGE REVIEW
54	8/21/22	REVISED PER VILLAGE REVIEW
55	9/18/22	REVISED PER VILLAGE REVIEW
56	10/16/22	REVISED PER VILLAGE REVIEW
57	11/13/22	REVISED PER VILLAGE REVIEW
58	12/11/22	REVISED PER VILLAGE REVIEW
59	1/8/23	REVISED PER VILLAGE REVIEW
60	2/5/23	REVISED PER VILLAGE REVIEW
61	3/5/23	REVISED PER VILLAGE REVIEW
62	4/2/23	REVISED PER VILLAGE REVIEW
63	5/1/23	REVISED PER VILLAGE REVIEW
64	5/29/23	REVISED PER VILLAGE REVIEW
65	6/26/23	REVISED PER VILLAGE REVIEW
66	7/24/23	REVISED PER VILLAGE REVIEW
67	8/21/23	REVISED PER VILLAGE REVIEW
68	9/18/23	REVISED PER VILLAGE REVIEW
69	10/16/23	REVISED PER VILLAGE REVIEW
70	11/13/23	REVISED PER VILLAGE REVIEW
71	12/11/23	REVISED PER VILLAGE REVIEW
72	1/8/24	REVISED PER VILLAGE REVIEW
73	2/5/24	REVISED PER VILLAGE REVIEW
74	3/5/24	REVISED PER VILLAGE REVIEW
75	4/2/24	REVISED PER VILLAGE REVIEW
76	5/1/24	REVISED PER VILLAGE REVIEW
77	5/29/24	REVISED PER VILLAGE REVIEW
78	6/26/24	REVISED PER VILLAGE REVIEW
79	7/24/24	REVISED PER VILLAGE REVIEW
80	8/21/24	REVISED PER VILLAGE REVIEW
81	9/18/24	REVISED PER VILLAGE REVIEW
82	10/16/24	REVISED PER VILLAGE REVIEW
83	11/13/24	REVISED PER VILLAGE REVIEW
84	12/11/24	REVISED PER VILLAGE REVIEW
85	1/8/25	REVISED PER VILLAGE REVIEW
86	2/5/25	REVISED PER VILLAGE REVIEW
87	3/5/25	REVISED PER VILLAGE REVIEW
88	4/2/25	REVISED PER VILLAGE REVIEW
89	5/1/25	REVISED PER VILLAGE REVIEW
90	5/29/25	REVISED PER VILLAGE REVIEW
91	6/26/25	REVISED PER VILLAGE REVIEW
92	7/24/25	REVISED PER VILLAGE REVIEW
93	8/21/25	REVISED PER VILLAGE REVIEW
94	9/18/25	REVISED PER VILLAGE REVIEW
95	10/16/25	REVISED PER VILLAGE REVIEW
96	11/13/25	REVISED PER VILLAGE REVIEW
97	12/11/25	REVISED PER VILLAGE REVIEW
98	1/8/26	REVISED PER VILLAGE REVIEW
99	2/5/26	REVISED PER VILLAGE REVIEW
100	3/5/26	REVISED PER VILLAGE REVIEW



LOCATION MAP - NOT TO SCALE

LEGEND

EXISTING	PROPOSED
● IRON FOUND	● SEC. CORNER FOUND
⊗ IRON SET	⊗ RECORDED
⊗ NAIL FOUND	⊗ MEASURED
⊗ NAIL & CAP SET	⊗ CALCULATED
— OH-ELEC	— ELEC. PHONE OR CABLE TV OH. LINE, POLE & GUY WIRE
— UG-CATV	— UNDERGROUND CABLE TV, CATV PEDESTAL
— UG-PHONE	— TELEPHONE U.G. CABLE, PEDESTAL & MANHOLE
— UG-ELEC	— ELECTRIC U.G. CABLE, MANHOLE, METER & HANDHOLE
— GAS	— GAS MAIN VALVE & GAS LINE MARKER
— WATER	— WATERMAIN, HYD. GATE VALVE, TAPPING SLAVE & VALVE
— SANITARY	— SANITARY SEWER, CLEANOUT & MANHOLE
— STORM	— STORM SEWER, CLEANOUT & MANHOLE
— COMBINED	— COMBINED SEWER & MANHOLE
— SQUARE	— SQUARE, ROUND & BEEHIVE CATCH BASIN, YARD DRAIN
— POST	— POST INDICATOR VALVE
— WATER VALVE	— WATER VALVE BOX/HYDRANT VALVE BOX, SERVICE SHUTOFF
— MALBOX	— MALBOX, TRANSFORMER, IRRIGATION CONTROL VALVE
— UNIDENTIFIED	— UNIDENTIFIED STRUCTURE
— SPOT	— SPOT ELEVATION
— CONTOUR	— CONTOUR LINE
— FENCE	— FENCE
— GUARD RAIL	— GUARD RAIL
— STREET LIGHT	— STREET LIGHT
— SON	— SON
— CONC.	— CONCRETE
— ASPH.	— ASPHALT
— GRAVEL	— GRAVEL SHOULDER
— WETLAND	— WETLAND

GENERAL SITE LIGHTING NOTES:

- THE LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
- ALL POLES ARE TO BE MOUNTED ON CONCRETE PEDESTALS 2 FEET ABOVE GRADE AS SHOWN IN DETAIL.
- ALL POLES LOCATED OUTSIDE OF THE PARKING LOT AREA SHALL BE LOCATED 3 FEET FROM BACK OF CURB OR EDGE OF SIDEWALKS.
- SHOP DRAWINGS FOR THE ELECTRICAL WIRING OF THE FIXTURES NEED TO BE SUPPLIED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR COORDINATION OF UNDERGROUND CONDUIT AND APPROVAL OF LAYOUT.
- ALL AREA LIGHT FIXTURES ARE TO BE DOWNWARD DIRECTED.
- CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIALS AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
- COORDINATE LIGHT FIXTURE PLACEMENT AND INSTALLATION WITH LANDSCAPE.
- ALL CONDUCTORS SHALL BE IN CONDUIT.
- ALL LIGHTS ON BUILDING TO BE TURNED OFF WITHIN 30 MINUTES OF END OF BUSINESS HOURS.

SITE PHOTOMETRIC DATA:

1. SITE FOOTCANDLE MAX.:	ALLOWED 10.0 Fc.	PROPOSED 9.1 Fc.
2. FIXTURE HEIGHT:	15 FT. (MAX) (ADJACENT TO RESIDENTIAL)	15 FT. (SITE) 10 FT. (BUILDING)
3. FOOTCANDLE AT PROP LINE MAX.:	NONRESIDENTIAL: 1 Fc.	RESIDENTIAL: 0.5 Fc.
	NONRESIDENTIAL: 0.5 Fc.	RESIDENTIAL: 0.1 Fc.

CAUTION!
THE LOCATION AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS GIVEN BY THE ENGINEER AS TO THE ACCURACY OF THE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE LOANED TO THE CONTRACTOR FOR THEIR USE ONLY. NO REPRODUCTION, COPIING, OR DISTRIBUTION OF THIS DRAWING OR ANY PART THEREOF IS PERMITTED WITHOUT THE WRITTEN CONSENT OF PEA, INC. ALL CONDITIONS, TERMS, AND CONDITIONS OF CONTRACT AND OTHER AGREEMENTS SPECIFICALLY REFERENCED TO THIS PROJECT ARE HEREBY INCORPORATED BY REFERENCE.

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERAL ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES.

3 FULL WORKING DAYS BEFORE YOU DIG CALL 811
Know what's below
Call before you dig
Miss Dig System, Inc.
1-800-482-7171 www.missdig.org

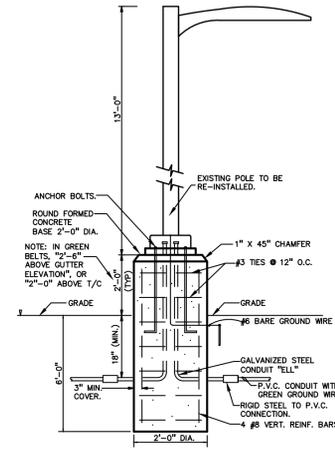


PEA, Inc.
7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

BTC 475 PINCKNEY LLC 183 E. HAMBURG STREET PINCKNEY, MI 48169	PHOTOMETRIC PLAN KRIL SPORTS COMPLEX PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E., VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN	DES. WR DN IB SUR XXX JEC P.M.
ORIGINAL ISSUE DATE: AUGUST 16, 2018		
PEA JOB NO. 2018-042		
SCALE: 1" = 30'		
DRAWING NUMBER: SL-1.0		

XREF: S:\PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS\V-BASE_SP_2018-042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS\V-TBLK_SP_2018-042.DWG

Symbol	Label	Image	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage	Mounting Height
	P1		1	DSX1 LED 60C 1000 50K TFTM MVOLT MA	DSX1 LED WITH (2) 30 LED LIGHT ENGINES, TYPE TFTM OPTIC, 5000K @ 1000mA, FOR MAST ARM MOUNTING	LED	1	19616	0.95	209.28	15 ft.
	P2		2	DSX1 LED 40C 1000 30K TFTM MVOLT MA	DSX1 LED WITH (2) 20 LED LIGHT ENGINES, TYPE TFTM OPTIC, 3000K @ 1000mA, FOR MAST ARM MOUNTING	LED	1	10558	0.95	276.32	15 ft.
	P3		5	CSXW LED 30C 700 40K T3M	CONTOUR SERIES LED WALL-MOUNT WITH 30 4000K LEDS OPERATED AT 700mA AND PRECISION MOLDED ACRYLIC TYPE III LENS	LED	1	7981	0.95	69	10 ft.



CONCRETE BASE DETAIL
NOT TO SCALE



D-Series Size 1 Mast Arm Mount LED Area Luminaire

Specifications

EPA: 0.9 ft² (0.08 m²)
Length: 27" (68.6 cm)
Width: 13" (33.0 cm)
Height: 5" (12.7 cm)
Weight (max): 26 lbs (11.8 kg)

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency.
- This luminaire is A+ Certified when ordered with DTL controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocell interoperability!
- This luminaire is part of an A+ Certified solution for ROAM² or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately. [Link to Roam](#); [Link to DTL DLL](#).

Ordering Information EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT MA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Options	Finish/receiver
DSX1 LED	Forward optics 30C 30 LEDs (see spec)	530 530 mA	30K 3000 K (80 CRI)	T15 Type I short	120V	MA Mast arm ready	Shipped installed (blank) No NEMA twist-lock receptacle (decorative cover), white file shield, trigger latch, and bridge file.	DDBXD Dark bronze
		700 100 mA	40K 4000 K (70 CRI)	T25 Type II short	120V		DMG 0-10V dimming driver (no controls)	DLBXD Black
		1000 1000 mA (1 A)	50K 5000 K (67 CRI)	T35 Type III short	240V		PER NEMA twist-lock receptacle only (no controls)	DNAID Natural aluminum
40C 40 LEDs (see spec)	Dwa (see spec)	40K 4000 K	T35 Type III short	240V		DCR Dimmable and controllable via ROAM ² (no controls)	DHWXD White	
		50K 5000 K	T35 Type III short	240V		HS House-side shield	DDBXD Textured dark bronze	
		50K 5000 K	T35 Type III short	240V		WTB Utility terminal block	DDBXD Textured black	
60C 60 LEDs (see spec)	Dwa (see spec)	40K 4000 K	T35 Type III short	240V		DS Dual-wiring	DDBXD Textured dark bronze	
		50K 5000 K	T35 Type III short	240V		BSUBV External hub level	DDBXD Textured black	
		50K 5000 K	T35 Type III short	240V		L90 Left rotated optics	DDBXD Textured black	
Rotated optics 60C 60 LEDs (see spec)	Dwa (see spec)	40K 4000 K	T35 Type III short	240V		R90 Right rotated optics	DDBXD Textured black	
		50K 5000 K	T35 Type III short	240V			DDBXD Textured black	
		50K 5000 K	T35 Type III short	240V			DDBXD Textured black	



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • www.lithonia.com
© 2012-2017 Acuity Brands Lighting, Inc. All rights reserved.

DSX1 MA LED



CSXW LED LED Wall Luminaire

Specifications

Height: 7-1/8" (29.2 cm)
Width: 16-3/8" (41.6 cm)
Depth: 9-5/16" (23.8 cm)
Weight (max): 30 lbs (13.6 kg)

Introduction

The Contour® Series luminaires offer traditional square dayforms with softened edges for a versatile look that complements many applications.

The CSXW LED combines the latest in LED technology with the familiar aesthetic of the Contour® Series for stylish, high-performance illumination that lasts. It is ideal for replacing 100-400W metal halide in wall-mounted applications with typical energy savings of 80% and expected service life of over 100,000 hours.

Ordering Information EXAMPLE: CSXW LED 30C 700 40K T3M MVOLT DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Options	Finish/receiver
CSXW LED	30C 30 LEDs	700 700 mA	40K 4000 K	T2M Type I medium	120V	Shipped included (blank) Surface mount	PE Photometric cpl, button type	DDBXD Dark bronze
		1000 1000 mA	50K 5000 K	T3M Type II medium	240V	DMG 0-10V dimming driver (no controls)	DF Double fuse (208, 240, 480V)	DLBXD Black
		1000 1000 mA	50K 5000 K	T4M Type IV medium	277V	BSW Surface-mounted back box (for conduit entry)	VG Vandal guard	DNAID Natural aluminum
40C 40 LEDs (see spec)	Dwa (see spec)	40K 4000 K	T3M Type III medium	240V		DCR Dimmable and controllable via ROAM ² (no controls)	SF Single fuse (120, 277, 347V)	DDBXD Textured dark bronze
		50K 5000 K	T3M Type III medium	240V		HS House-side shield	DF Double fuse (208, 240, 480V)	DDBXD Textured black
		50K 5000 K	T3M Type III medium	240V		WTB Utility terminal block	WG Wire guard	DDBXD Textured natural aluminum
60C 60 LEDs (see spec)	Dwa (see spec)	40K 4000 K	T3M Type III medium	240V		DCR Dimmable and controllable via ROAM ² (no controls)	VG Vandal guard	DDBXD Textured dark bronze
		50K 5000 K	T3M Type III medium	240V		HS House-side shield	WG Wire guard	DDBXD Textured black
		50K 5000 K	T3M Type III medium	240V		WTB Utility terminal block		DDBXD Textured natural aluminum
Rotated optics 60C 60 LEDs (see spec)	Dwa (see spec)	40K 4000 K	T3M Type III medium	240V		DCR Dimmable and controllable via ROAM ² (no controls)		DDBXD Textured dark bronze
		50K 5000 K	T3M Type III medium	240V		HS House-side shield		DDBXD Textured black
		50K 5000 K	T3M Type III medium	240V		WTB Utility terminal block		DDBXD Textured natural aluminum

Mounting Detail

4-7/8" DIA.
1-1/2" DIA.
1" DIA.
3"
For use with 1/8" fasteners

Accessories

CSXWBW DDBXD/B Back box accessory (specify finish)
CSXWVG V Wire guard accessory
CSXWVG G Vandal guard accessory

NOTES

- Configured with 4000K (40K) provides the shortest lead times. Consult factory for 5000K (50K) lead times.
- MAVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 voltages only when ordering with fusing (SF, DF optional) or photocell (PE optional).
- Available with 700-mA options only (30C, 700).
- Also available as a separate accessory; see Accessories information at [R5](#).
- Photocell (PE) requires 120, 208, 240, 277 or 347 voltage option.
- Must be ordered with fixture; cannot be field installed.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.

One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • www.lithonia.com
© 2012-2017 Acuity Brands Lighting, Inc. All rights reserved.

CSXW LED
Rev. 10/05/17

NO.	DATE	DESCRIPTION
1	7/20/18	ISSUED FOR PERMITS
2	7/27/18	REVISED PER VILLAGE REVIEW
3	8/1/18	REVISED PER VILLAGE REVIEW
4	8/1/18	REVISED PER VILLAGE REVIEW
5	8/1/18	REVISED PER VILLAGE REVIEW
6	8/1/18	REVISED PER VILLAGE REVIEW
7	8/1/18	REVISED PER VILLAGE REVIEW
8	8/1/18	REVISED PER VILLAGE REVIEW
9	8/1/18	REVISED PER VILLAGE REVIEW
10	8/1/18	REVISED PER VILLAGE REVIEW
11	8/1/18	REVISED PER VILLAGE REVIEW
12	8/1/18	REVISED PER VILLAGE REVIEW
13	8/1/18	REVISED PER VILLAGE REVIEW
14	8/1/18	REVISED PER VILLAGE REVIEW
15	8/1/18	REVISED PER VILLAGE REVIEW
16	8/1/18	REVISED PER VILLAGE REVIEW
17	8/1/18	REVISED PER VILLAGE REVIEW
18	8/1/18	REVISED PER VILLAGE REVIEW
19	8/1/18	REVISED PER VILLAGE REVIEW
20	8/1/18	REVISED PER VILLAGE REVIEW
21	8/1/18	REVISED PER VILLAGE REVIEW
22	8/1/18	REVISED PER VILLAGE REVIEW
23	8/1/18	REVISED PER VILLAGE REVIEW
24	8/1/18	REVISED PER VILLAGE REVIEW
25	8/1/18	REVISED PER VILLAGE REVIEW
26	8/1/18	REVISED PER VILLAGE REVIEW
27	8/1/18	REVISED PER VILLAGE REVIEW
28	8/1/18	REVISED PER VILLAGE REVIEW
29	8/1/18	REVISED PER VILLAGE REVIEW
30	8/1/18	REVISED PER VILLAGE REVIEW
31	8/1/18	REVISED PER VILLAGE REVIEW
32	8/1/18	REVISED PER VILLAGE REVIEW
33	8/1/18	REVISED PER VILLAGE REVIEW
34	8/1/18	REVISED PER VILLAGE REVIEW
35	8/1/18	REVISED PER VILLAGE REVIEW
36	8/1/18	REVISED PER VILLAGE REVIEW
37	8/1/18	REVISED PER VILLAGE REVIEW
38	8/1/18	REVISED PER VILLAGE REVIEW
39	8/1/18	REVISED PER VILLAGE REVIEW
40	8/1/18	REVISED PER VILLAGE REVIEW
41	8/1/18	REVISED PER VILLAGE REVIEW
42	8/1/18	REVISED PER VILLAGE REVIEW
43	8/1/18	REVISED PER VILLAGE REVIEW
44	8/1/18	REVISED PER VILLAGE REVIEW
45	8/1/18	REVISED PER VILLAGE REVIEW
46	8/1/18	REVISED PER VILLAGE REVIEW
47	8/1/18	REVISED PER VILLAGE REVIEW
48	8/1/18	REVISED PER VILLAGE REVIEW
49	8/1/18	REVISED PER VILLAGE REVIEW
50	8/1/18	REVISED PER VILLAGE REVIEW

CAUTION!!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

THIS DRAWING AND DESIGN ARE THE PROPERTY OF PEA, INC. THEY ARE SUBMITTED ON THE CONDITION THAT THEY ARE NOT TO BE USED, REPRODUCED, OR COPIED IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS, WITHOUT THE PRIOR WRITTEN CONSENT OF PEA, INC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED. © 2017 PEA, INC.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL LIABILITY INSURANCE POLICY AND DESIGN PROFESSIONAL CONTRACTOR FURTHER AGREES TO HOLD OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

3 FULL WORKING DAYS BEFORE YOU DIG CALL 811

Know what's below
Call before you dig
MISS DIG System, Inc.
1-800-482-7171 www.missdig.org
(TOLL FREE)

PEA

7927 Nemco Way, Ste. 115
Brighton, MI 48116
t: 517.546.8583
f: 546.546.8973
www.peainc.com

PEA, Inc.

BTC 475 PINCKNEY LLC	18 E. HAMBURG STREET PINCKNEY, MI 48159	DES. WR	DN. IB	SUR. XXX	P.M. JEC
PHOTOMETRIC DETAILS					
KRIL SPORTS COMPLEX					
PART OF THE NW 1/4 OF SECTION 23, T. 1 N., R. 4 E., VILLAGE OF PINCKNEY, LIVINGSTON COUNTY, MICHIGAN					

ORIGINAL ISSUE DATE:
AUGUST 16, 2018

PEA JOB NO. 2018-042

SCALE: NO SCALE

DRAWING NUMBER:
SL-2.0

XREF: S:\PROJECTS\2018\2018042\DWG\TOPBASE-18042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS.V - BASE_SP_2018-042.DWG
XREF: S:\PROJECTS\2018\2018042\DWG\SITE_PLANS.V - TBLK_SP_2018-042.DWG

NO.	REVISED CLIENT NAME	DATE	REVISIONS
1	188 E. HAMBURG STREET PINKNEY, MI 48169	7/20/18	
2		8/20/18	
3		9/10/18	
4		10/10/18	
5		11/10/18	
6		12/10/18	
7		1/10/19	
8		2/10/19	
9		3/10/19	
10		4/10/19	
11		5/10/19	
12		6/10/19	
13		7/10/19	
14		8/10/19	
15		9/10/19	
16		10/10/19	
17		11/10/19	
18		12/10/19	
19		1/10/20	
20		2/10/20	
21		3/10/20	
22		4/10/20	
23		5/10/20	
24		6/10/20	
25		7/10/20	
26		8/10/20	
27		9/10/20	
28		10/10/20	
29		11/10/20	
30		12/10/20	
31		1/10/21	
32		2/10/21	
33		3/10/21	
34		4/10/21	
35		5/10/21	
36		6/10/21	
37		7/10/21	
38		8/10/21	
39		9/10/21	
40		10/10/21	
41		11/10/21	
42		12/10/21	
43		1/10/22	
44		2/10/22	
45		3/10/22	
46		4/10/22	
47		5/10/22	
48		6/10/22	
49		7/10/22	
50		8/10/22	
51		9/10/22	
52		10/10/22	
53		11/10/22	
54		12/10/22	
55		1/10/23	
56		2/10/23	
57		3/10/23	
58		4/10/23	
59		5/10/23	
60		6/10/23	
61		7/10/23	
62		8/10/23	
63		9/10/23	
64		10/10/23	
65		11/10/23	
66		12/10/23	
67		1/10/24	
68		2/10/24	
69		3/10/24	
70		4/10/24	
71		5/10/24	
72		6/10/24	
73		7/10/24	
74		8/10/24	
75		9/10/24	
76		10/10/24	
77		11/10/24	
78		12/10/24	
79		1/10/25	
80		2/10/25	
81		3/10/25	
82		4/10/25	
83		5/10/25	
84		6/10/25	
85		7/10/25	
86		8/10/25	
87		9/10/25	
88		10/10/25	
89		11/10/25	
90		12/10/25	
91		1/10/26	
92		2/10/26	
93		3/10/26	
94		4/10/26	
95		5/10/26	
96		6/10/26	
97		7/10/26	
98		8/10/26	
99		9/10/26	
100		10/10/26	
101		11/10/26	
102		12/10/26	
103		1/10/27	
104		2/10/27	
105		3/10/27	
106		4/10/27	
107		5/10/27	
108		6/10/27	
109		7/10/27	
110		8/10/27	
111		9/10/27	
112		10/10/27	
113		11/10/27	
114		12/10/27	
115		1/10/28	
116		2/10/28	
117		3/10/28	
118		4/10/28	
119		5/10/28	
120		6/10/28	
121		7/10/28	
122		8/10/28	
123		9/10/28	
124		10/10/28	
125		11/10/28	
126		12/10/28	
127		1/10/29	
128		2/10/29	
129		3/10/29	
130		4/10/29	
131		5/10/29	
132		6/10/29	
133		7/10/29	
134		8/10/29	
135		9/10/29	
136		10/10/29	
137		11/10/29	
138		12/10/29	
139		1/10/30	
140		2/10/30	
141		3/10/30	
142		4/10/30	
143		5/10/30	
144		6/10/30	
145		7/10/30	
146		8/10/30	
147		9/10/30	
148		10/10/30	
149		11/10/30	
150		12/10/30	
151		1/10/31	
152		2/10/31	
153		3/10/31	
154		4/10/31	
155		5/10/31	
156		6/10/31	
157		7/10/31	
158		8/10/31	
159		9/10/31	
160		10/10/31	
161		11/10/31	
162		12/10/31	
163		1/10/32	
164		2/10/32	
165		3/10/32	
166		4/10/32	
167		5/10/32	
168		6/10/32	
169		7/10/32	
170		8/10/32	
171		9/10/32	
172		10/10/32	
173		11/10/32	
174		12/10/32	
175		1/10/33	
176		2/10/33	
177		3/10/33	
178		4/10/33	
179		5/10/33	
180		6/10/33	
181		7/10/33	
182		8/10/33	
183		9/10/33	
184		10/10/33	
185		11/10/33	
186		12/10/33	
187		1/10/34	
188		2/10/34	
189		3/10/34	
190		4/10/34	
191		5/10/34	
192		6/10/34	
193		7/10/34	
194		8/10/34	
195		9/10/34	
196		10/10/34	
197		11/10/34	
198		12/10/34	
199		1/10/35	
200		2/10/35	
201		3/10/35	
202		4/10/35	
203		5/10/35	
204		6/10/35	
205		7/10/35	
206		8/10/35	
207		9/10/35	
208		10/10/35	
209		11/10/35	
210		12/10/35	
211		1/10/36	
212		2/10/36	
213		3/10/36	
214		4/10/36	
215		5/10/36	
216		6/10/36	
217		7/10/36	
218		8/10/36	
219		9/10/36	
220		10/10/36	
221		11/10/36	
222		12/10/36	
223		1/10/37	
224		2/10/37	
225		3/10/37	
226		4/10/37	
227		5/10/37	
228		6/10/37	
229		7/10/37	
230		8/10/37	
231		9/10/37	
232		10/10/37	
233		11/10/37	
234		12/10/37	
235		1/10/38	
236		2/10/38	
237		3/10/38	
238		4/10/38	
239		5/10/38	
240		6/10/38	
241		7/10/38	
242		8/10/38	
243		9/10/38	
244		10/10/38	
245		11/10/38	
246		12/10/38	
247		1/10/39	
248		2/10/39	
249		3/10/39	
250		4/10/39	
251		5/10/39	
252		6/10/39	
253		7/10/39	
254		8/10/39	
255		9/10/39	
256		10/10/39	
257		11/10/39	
258		12/10/39	
259		1/10/40	
260		2/10/40	
261		3/10/40	
262		4/10/40	
263		5/10/40	
264		6/10/40	
265		7/10/40	
266		8/10/40	
267		9/10/40	
268		10/10/40	
269		11/10/40	
270		12/10/40	
271		1/10/41	
272		2/10/41	
273		3/10/41	
274		4/10/41	
275		5/10/41	
276		6/10/41	
277		7/10/41	
278		8/10/41	
279		9/10/41	
280		10/10/41	
281		11/10/41	
282		12/10/41	
283		1/10/42	
284		2/10/42	
285		3/10/42	
286		4/10/42	
287		5/10/42	
288		6/10/42	
289		7/10/42	
290		8/10/42	
291		9/10/42	
292		10/10/42	
293		11/10/42	
294		12/10/42	
295		1/10/43	
296		2/10/43	
297		3/10/43	
298		4/10/43	
299		5/10/43	
300		6/10/43	
301		7/10/43	
302		8/10/43	
303		9/10/43	
304		10/10/43	
305		11/10/43	
306		12/10/43	
307		1/10/44	
308		2/10/44	
309		3/10/44	
310		4/10/44	
311		5/10/44	
312		6/10/44	
313		7/10/44	
314		8/10/44	
315		9/10/44	
316		10	