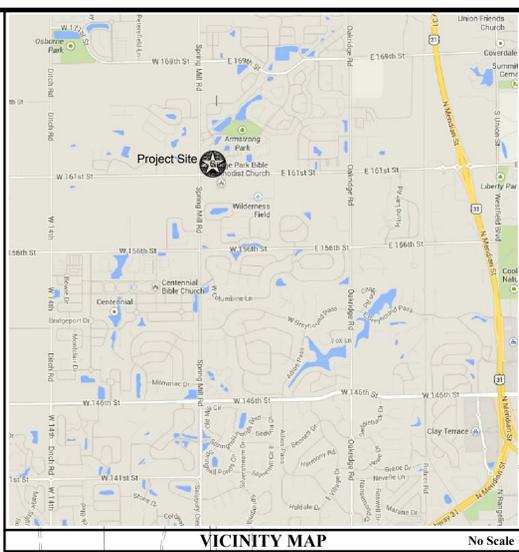
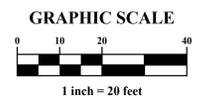
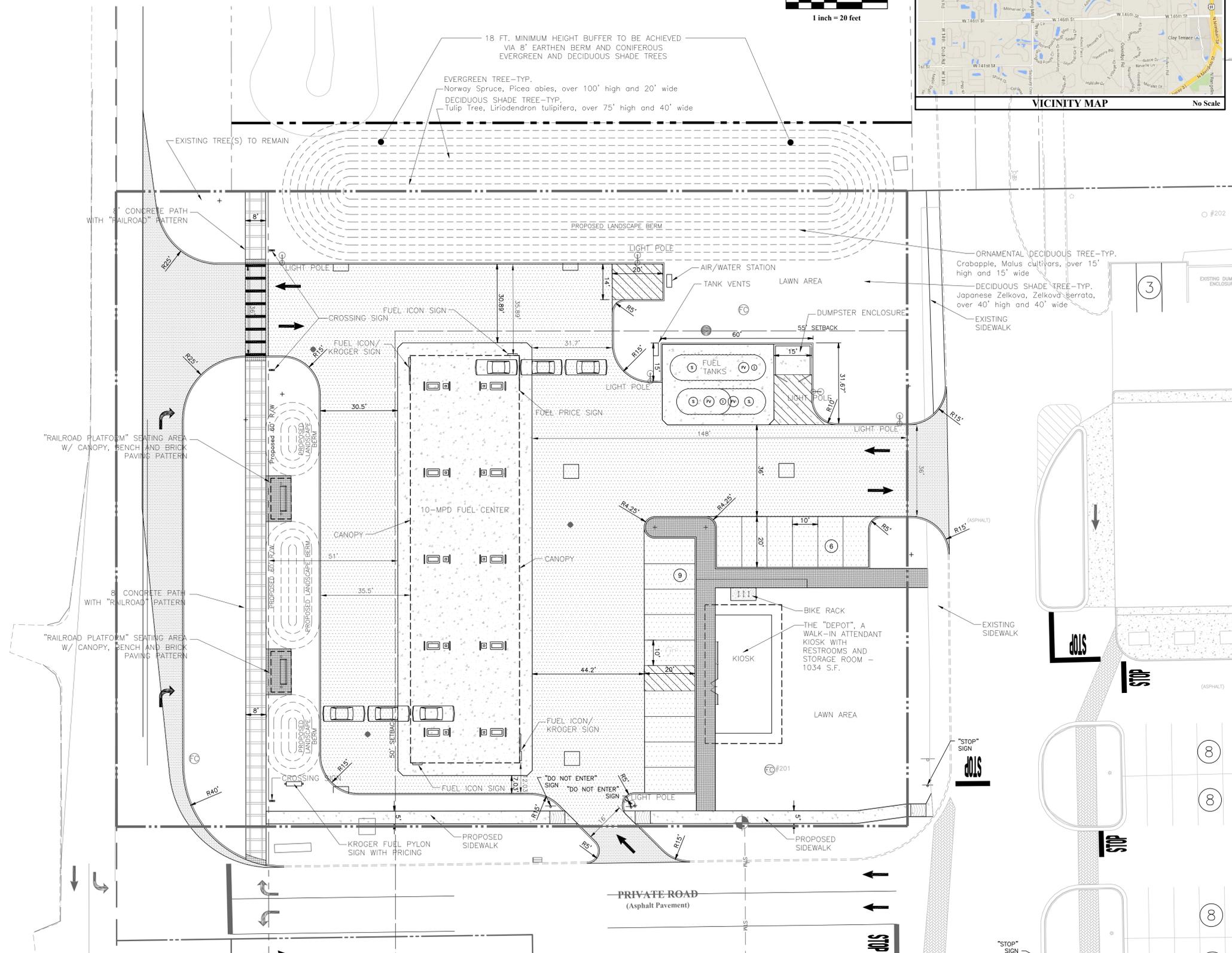


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GENERAL SITE NOTES

- The CONTRACTOR shall ensure that all necessary permits and approvals have been obtained from agencies having jurisdiction over the work prior to commencing construction activities. The CONTRACTOR shall obtain and pay the cost of all permits that have not been secured by the owner.
- The CONTRACTOR shall comply with the construction safety standards as issued by the U.S. Department of Labor Occupational Health and Safety Administration as set forth in Final Rule 29, Part 1926, where such regulations apply to the work.
- All elevations shown within these plans are based upon U.S.C.S. datum.
- Locations of utilities shown within these plans are based upon information obtained from utility companies or their representatives and field evidence of improvements visible on the ground surface. Exact locations of underground utilities have not been verified. The CONTRACTOR shall notify utility companies and request field locations of such within the work area prior to commencing excavation activities. The CONTRACTOR shall report any variations from the locations shown that may present a conflict with execution of the work to the ENGINEER in advance of construction.
- The CONTRACTOR shall coordinate with the respective utility companies and shall pay the cost of protection, relocation, removal, connection, and/or reconnection of utilities as necessary for execution of the work.
- Materials and workmanship shall comply with all applicable codes, specifications, local ordinances, industry standards and utility company regulations.
- Traffic control devices shall be furnished, erected, maintained and removed by the CONTRACTOR in accordance with the Manual of Uniform Traffic Control Devices. Type "c" lights shall be required on all barricades, drums and similar devices in use at night.

SITE DEVELOPMENT PLAN NOTES

- All dimensions shown are measured to the back of curb, unless otherwise shown.
- All radii shall be 5 feet unless otherwise shown.
- Dimensions to the building are measured to the exterior of the foundation wall unless otherwise shown.
- Bearings, dimensions and easements are shown for reference, refer to recorded plats and surveys for additional property information.
- Refer to architectural plans for building dimensions and details.
- Parking space stripes shall be 4 inches wide, yellow or white stripes shall be provided at owner's preference unless otherwise shown.
- See sheets C5.1 for details referenced on this sheet.
- Transverse expansion joints are to be provided in concrete sidewalks and combined walks/curbs where shown and at intervals not to exceed 12 x the width of the walk.
- Expansion joints shall be installed in concrete pavements and walks at all locations where pavements and walks abut a vertical surface such as a curb, wall, column, etc.
- Contraction joints shall be provided at equal intervals between expansion joints in concrete walks, install contraction joints as shown but in no case at intervals greater than 1.5 x the width of the walk.
- Unless otherwise shown, permanent signs shall be mounted on a single u-channel drive post driven 42 inches below grade. The bottom edge of the sign shall be 6 feet above the nearest pavement edge elevation.

SITE PLAN KEY NOTE LEGEND

KEY SITE PLAN DESCRIPTION	LINE TYPE/SYMBOL	DETAIL REFERENCE
1 Straight curb	—	CU-8
2 Combined walk and curb	—	PA-4
3 5' concrete sidewalk	—	PA-3
4 Concrete collar for casting within asphalt	—	PA-10
5 Curb end transition	—	CU-6
6 Accessible parking space with sign	—	AC-1+AC-2
7 Landscape area - see landscape plan	—	
8 Standard duty asphalt pavement section	—	PA-1S
9 Heavy duty asphalt pavement section	—	PA-1H
10 Pavement section within the right-of-way	—	PA-1R
11 Concrete pavement section	—	PA-2
12 Pavement striping - 24" stop bar	—	PA-7A
13 Pavement striping - painted island	—	PA-7A
14 Pavement striping - painted crosswalk	—	PA-7A
15 Pavement striping - parking bay stripe	—	PA-7A
16 Pavement striping - painted arrow	—	PA-7A
17 Dumpster enclosure with concrete landing pad	—	PA-7A
18 Stamped concrete sidewalk with brick paving pattern	—	
19 "No Left Turn" Sign	—	
20 "Stop" Sign	—	SI-01
21 8' Concrete Path with "Railroad" pattern	—	

REVISIONS

811
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9906 CASTLEWAY WEST DRIVE
INDIANAPOLIS, IN 46250
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CONSTRUCTION PLANS FOR
KROGER J970
NEW FUEL CENTER
16201 SPRINGMILL ROAD
WESTFIELD, INDIANA 46074

EMMERT
EMMERT ENGINEERING & ARCHITECTURE, INC.
Engineers • Surveyors • Planners • Scientists
Phone: 317.918.6920 Fax: 317.918.6920
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JOB NO. 2013-0506

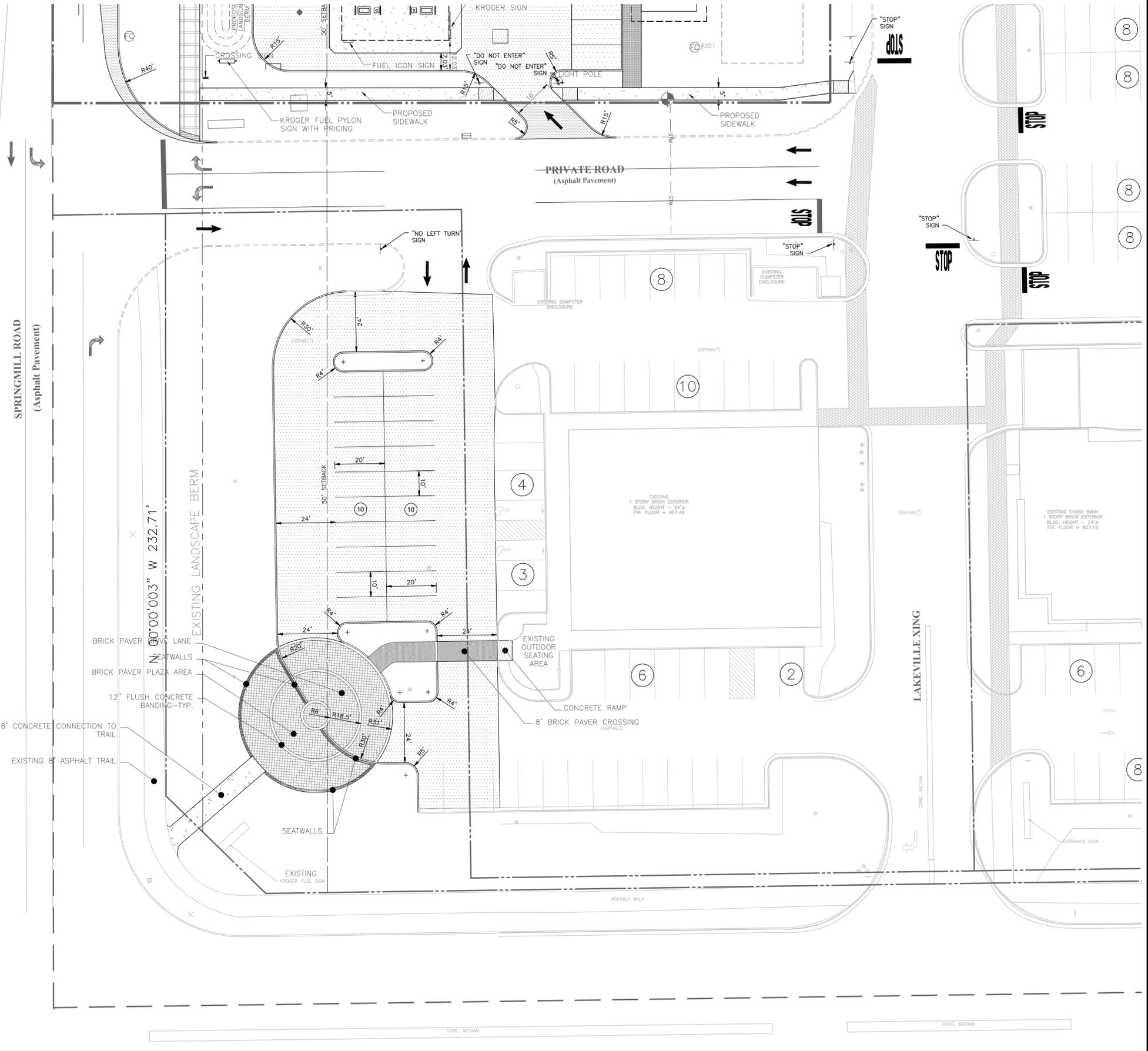
90% REVIEW SET
NOT TO BE USED FOR CONSTRUCTION

DATE: July 31, 2014
SCALE: As Noted
1" = 20'

TITLE: SITE PLAN - PROPOSED FUEL CENTER

SHEET **C1.2**

BENCHMARK DATA
PROJECT BENCHMARK:
A BRONZE DISK STAMPED "B112" SET IN A CONCRETE POST PROJECTING 0.4 FEET APPROX. HALF OF A MILE WEST OF SPRINGMILL ROAD AND NORTH OF THE ROAD. B.M. Elevation = 924.24 (NAVD 1988)
SITE BENCHMARK:
T.B.M. #778 THE NORTH RIM OF A SQUARE INLET APPROXIMATELY 13' NORTH OF THE BACK OF CURB AND 54' EAST OF A POWER POLE
B.M. Elevation = 907.44



GENERAL SITE NOTES

- The CONTRACTOR shall ensure that all necessary permits and approvals have been obtained from agencies having jurisdiction over the work prior to commencing construction activities. The CONTRACTOR shall obtain and pay the cost of all permits that have not been secured by the owner.
- The CONTRACTOR shall comply with the construction safety standards as issued by the U.S. Department of Labor Occupational Health and Safety Administration as set forth in Final Rule 29, Part 1926, where such regulations apply to the work.
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- Materials and workmanship shall comply with all applicable codes, specifications, local ordinances, industry standards and utility company regulations.
- Traffic control devices shall be furnished, erected, maintained and removed by the CONTRACTOR in accordance with the Manual of Uniform Traffic Control Devices. Type "c" lights shall be required on all barricades, drums and similar devices in use at night.

SITE DEVELOPMENT PLAN NOTES

- All dimensions shown are measured to the back of curb, unless otherwise shown.
-
- All radii shall be 5 feet unless otherwise shown.
- Dimensions to the building are measured to the exterior of the foundation wall unless otherwise shown.
- Bearings, dimensions and easements are shown for reference, refer to recorded plats and surveys for additional property information.
- Refer to architectural plans for building dimensions and details.
- Parking space stripes shall be 4 inches wide, yellow or white stripes shall be provided at owner's preference unless otherwise shown.
- See sheets C5.1 for details referenced on this sheet.
- Transverse expansion joints are to be provided in concrete sidewalks and combined walks/curbs where shown and at intervals not to exceed 12 x the width of the walk.
- Expansion joints shall be installed in concrete pavements and walks at all locations where pavements and walks abut a vertical surface such as a curb, wall, column, etc.
- Contraction joints shall be provided at equal intervals between expansion joints in concrete walks, install contraction joints as shown but in no case at intervals greater than 1.5 x the width of the walk.
- Unless otherwise shown, permanent signs shall be mounted on a single u-channel drive post driven 42 inches below grade. The bottom edge of the sign shall be 6 feet above the nearest pavement edge elevation.

SITE PLAN KEY NOTE LEGEND

KEY SITE PLAN DESCRIPTION	LINE TYPE/ SYMBOL	DETAIL REFERENCE
1 Chairback curb and gutter		CU-1
2 Reverse slope chairback curb and gutter		CU-1
3 Straight curb		CU-8
4 Combined walk and curb		PA-4
5 5' concrete sidewalk		PA-3
6 ADA curb ramp		AC-3, AC-4
7 Concrete parking bumper		CU-16
8 Concrete collar for casting within asphalt		PA-10
9 Curb end transition		CU-6
10 Accessible parking space with sign		AC-1+AC-2
11 Landscape area - see landscape plan		
12 Standard duty asphalt pavement section		PA-1S
13 Heavy duty asphalt pavement section		PA-1H
14 Pavement section within the right-of-way		PA-1R
15 Concrete pavement section		PA-2
16 Pavement striping - 24" stop bar		PA-7A
17 Pavement striping - center - double yellow		PA-7A
18 Pavement striping - painted island		PA-7A
19 Pavement striping - painted crosswalk		PA-7A
20 Pavement striping - parking bay stripe		PA-7A
21 Dumpster enclosure with concrete landing pad		
22 Transformer pad		
23 5' x 5' entrance landing - stoop - pad		PA-4B
24 Sign - stop		SI-01
25 Contractor to match existing curb, pavement, sidewalk, site feature proposed asphalt.		
27		
28 Saw-cut, remove, & repair pavement		PA-5F
29 8' asphalt trail		PA-3D
30 Roll curb and gutter		CU-3
31 Reverse slope roll curb and gutter		CU-4
32 Valley / driveway gutter		CU-5

BENCHMARK DATA

PROJECT BENCHMARK:
A BRONZE DISK STAMPED "B112" SET IN A CONCRETE POST PROJECTING 0.4 FEET APPROX. HALF OF A MILE WEST OF SPRINGMILL ROAD AND NORTH OF THE ROAD. B.M. Elevation = 924.24 (NAVD 1988)

SITE BENCHMARK:

T.B.M. #778 THE NORTH RIM OF A SQUARE INLET APPROXIMATELY 13' NORTH OF THE BACK OF CURB AND 54' EAST OF A POWER POLE. B.M. Elevation = 907.44

REVISIONS

MARK	DATE	DESCRIPTION



PREPARED FOR:
5906 CASTLEWAY WEST DRIVE
INDIANAPOLIS, IN 46250
Ph: 317.579.8463 Fax: 317.579.8162

CONSTRUCTION PLANS FOR
KROGER J970
NEW FUEL CENTER
16201 SPRINGMILL ROAD
WESTFIELD, INDIANA 46074



PREPARED BY:
EMM LLC
317.913.8920 Fax: 317.913.8920

JOB NO. 2013-0506

90% REVIEW SET
NOT TO BE USED FOR CONSTRUCTION

DATE: July 31, 2014
SCALE: As Noted
1" = 20'

TITLE:
SITE PLAN -
EXISTING FUEL CENTER

SHEET
C1.3

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