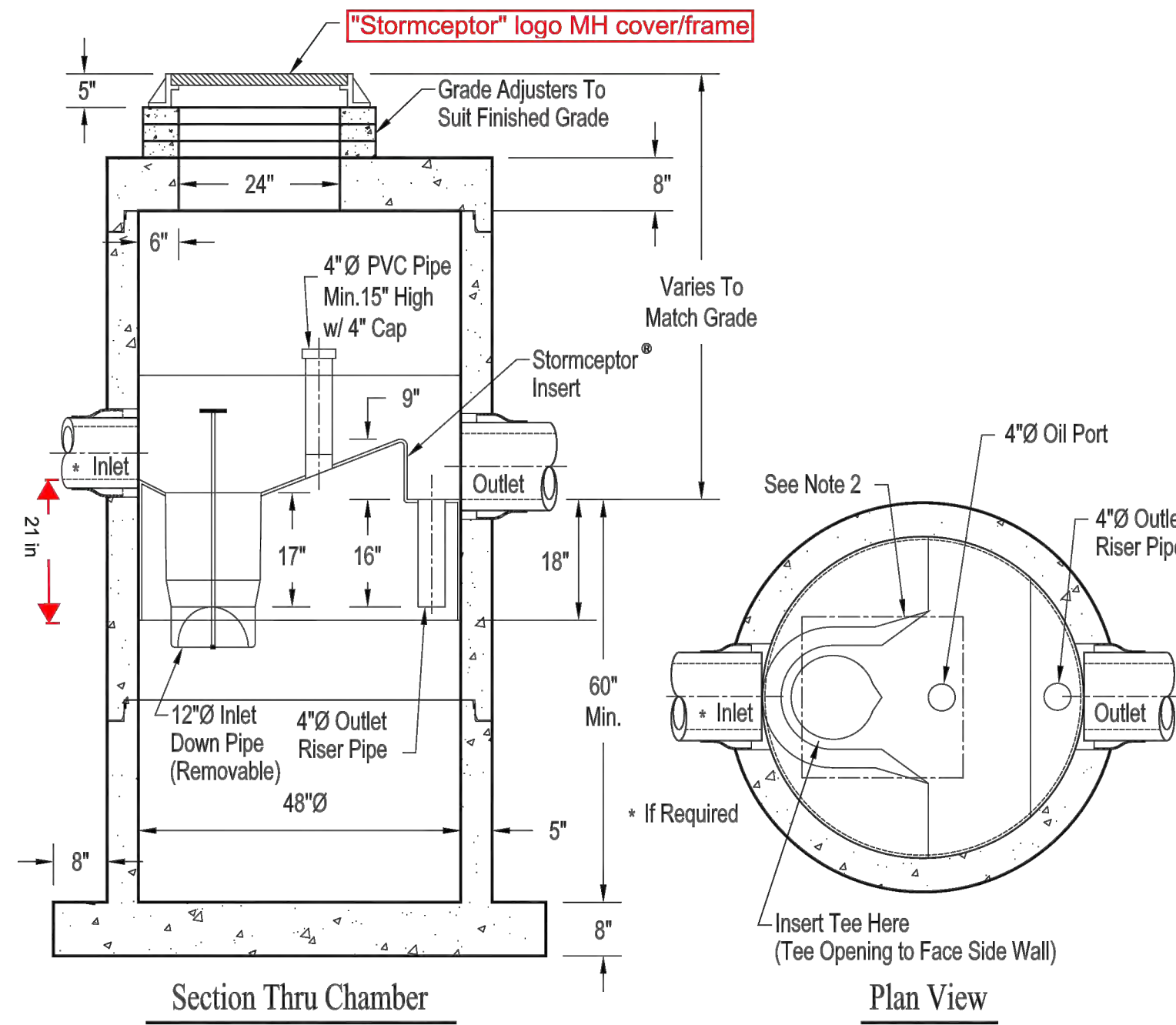
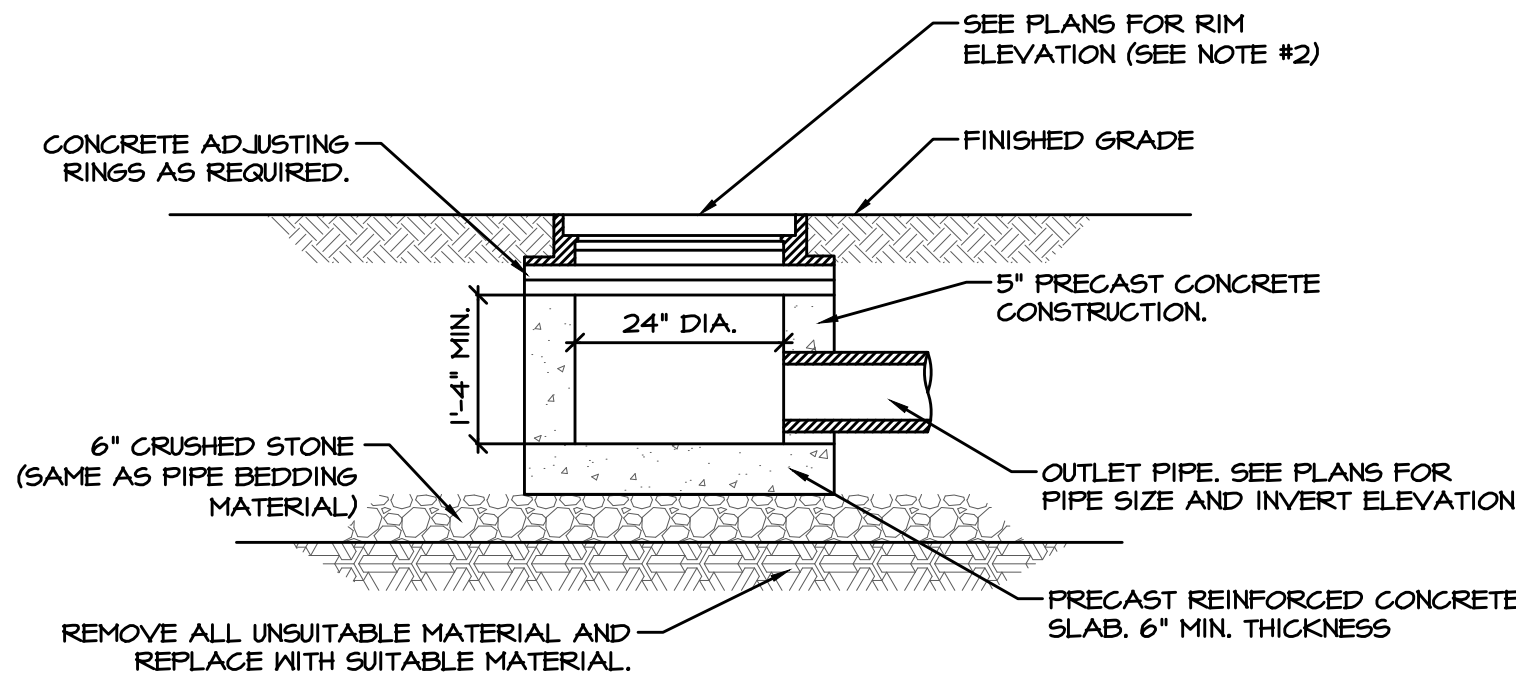


STC 450i Precast Concrete Stormceptor®
(450 U.S. Gallon Capacity)



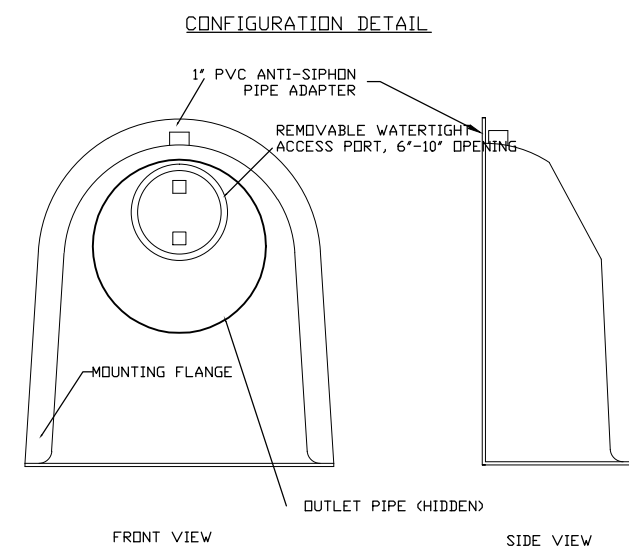
- Notes:
1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
 2. The Cover Should be Positioned Over The Inlet Drop Pipe and The Oil Port.
 3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
 4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.

Rinker 027



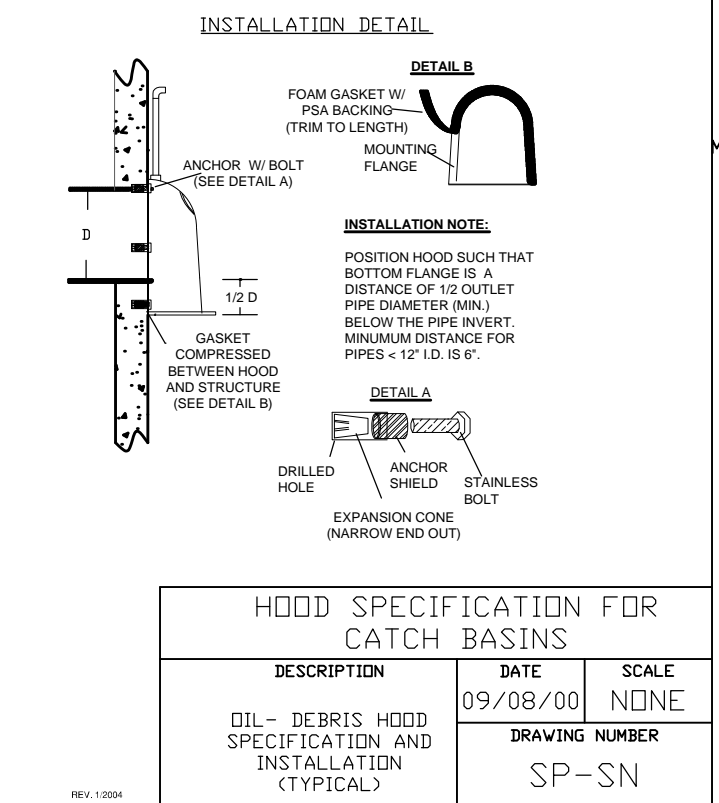
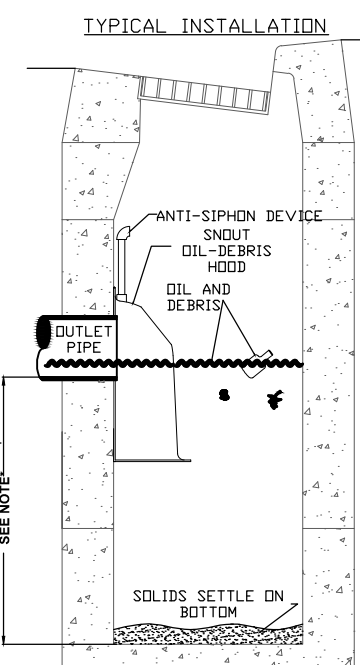
- NOTES:
1. MAXIMUM ALLOWABLE HEIGHT FOR CONCRETE ADJUSTING RINGS SHALL BE 8\".
 2. FRAME AND GRATE SHALL BE "NEENAH" 2502-B/D FRAME AND GRATE.

DETAIL - INLET
NOT TO SCALE

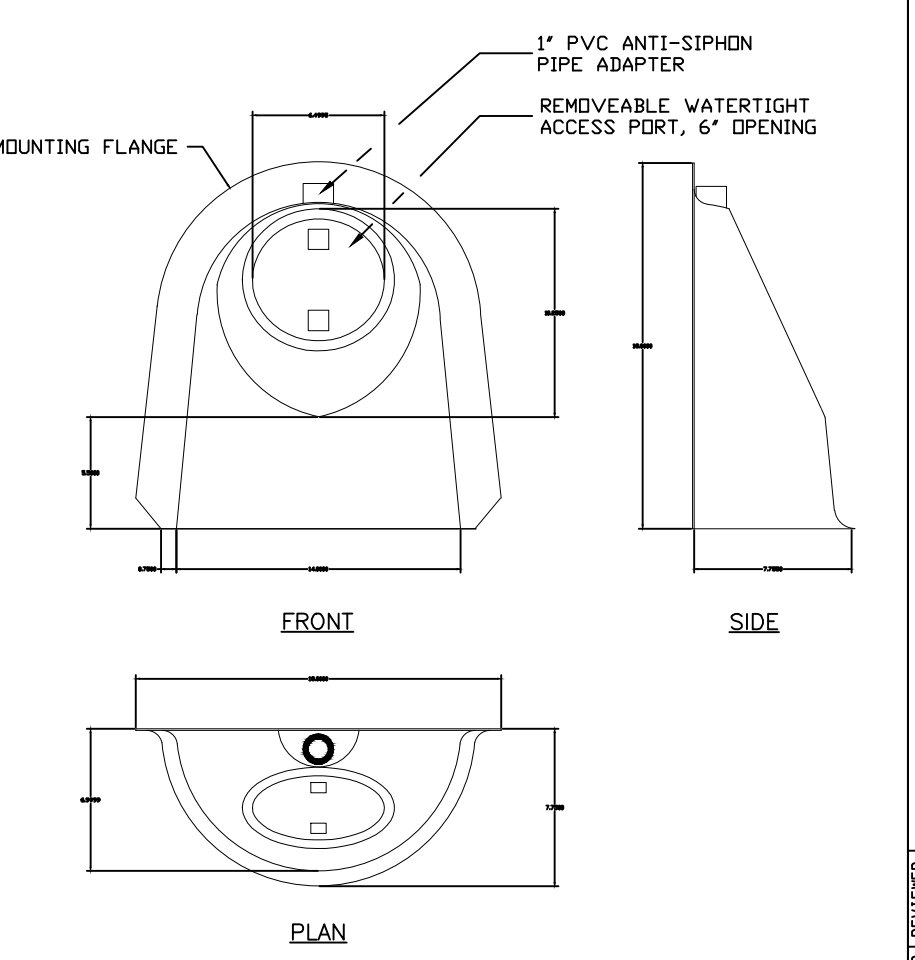


SNOUT OIL-WATER SEPARATOR
NOTE: TO BE INSTALLED IN THE RESTRICTOR
STRUCTURE, STORM NOTE #5 ON THE UTILITY
PLANSHEET C-5(D).

- NOTES:
1. ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY BEST MANUFACTURE PRODUCTS, INC. 53 MT. ARCHER RD. LYME, CT 06371 (860) 434-9277 (860) 434-3195 FAX (860) 504-8008 DR (888) 354-7585 WEB SITE: www.bestmfg.com DR PRE-APPROVED EQUAL.
 2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 1/8\"
 3. ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT AS DRAWN. (SEE CONFIGURATION DETAIL.)
 4. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION.
 5. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6\"
 6. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3\"
 7. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
 8. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8\"
 9. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.



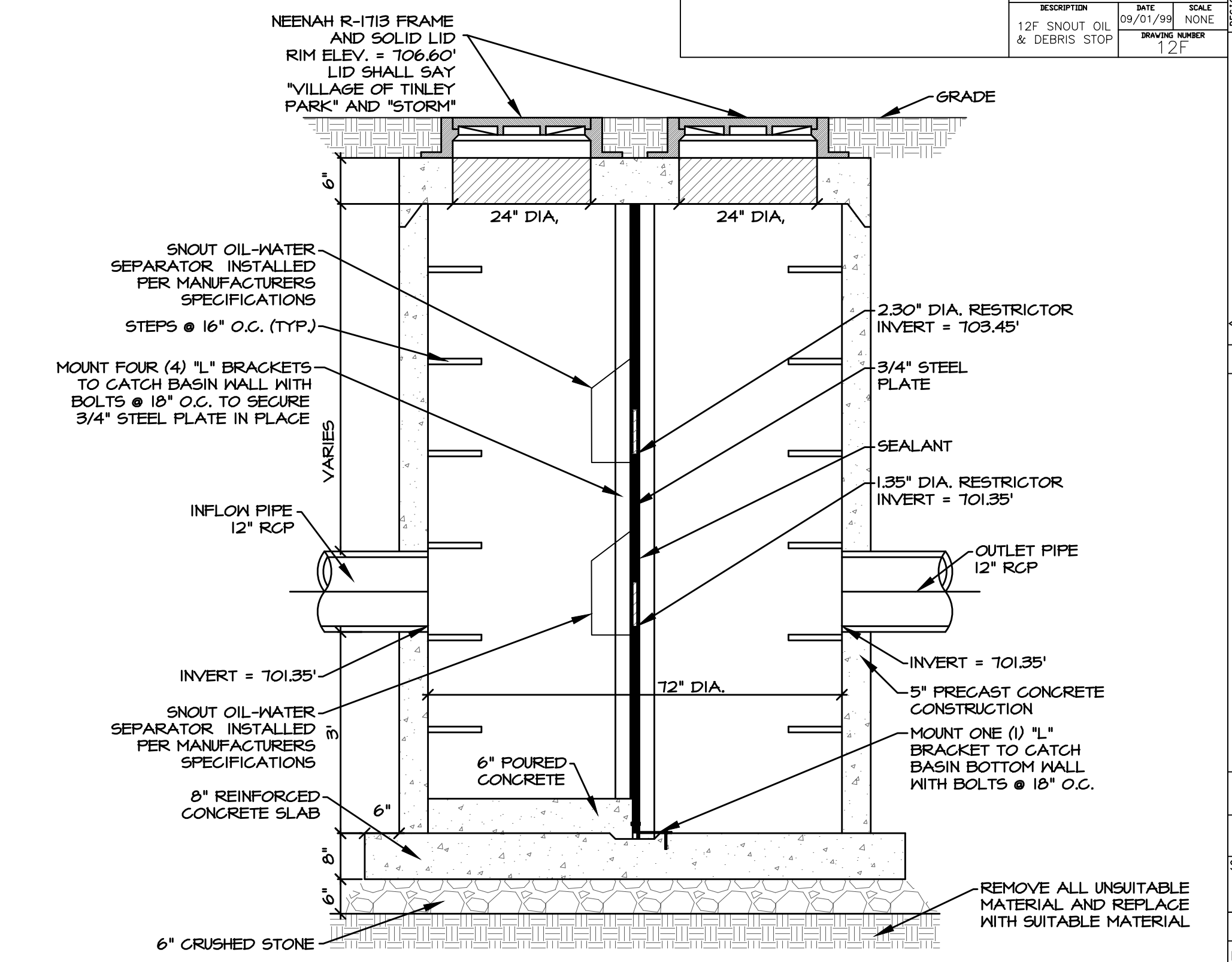
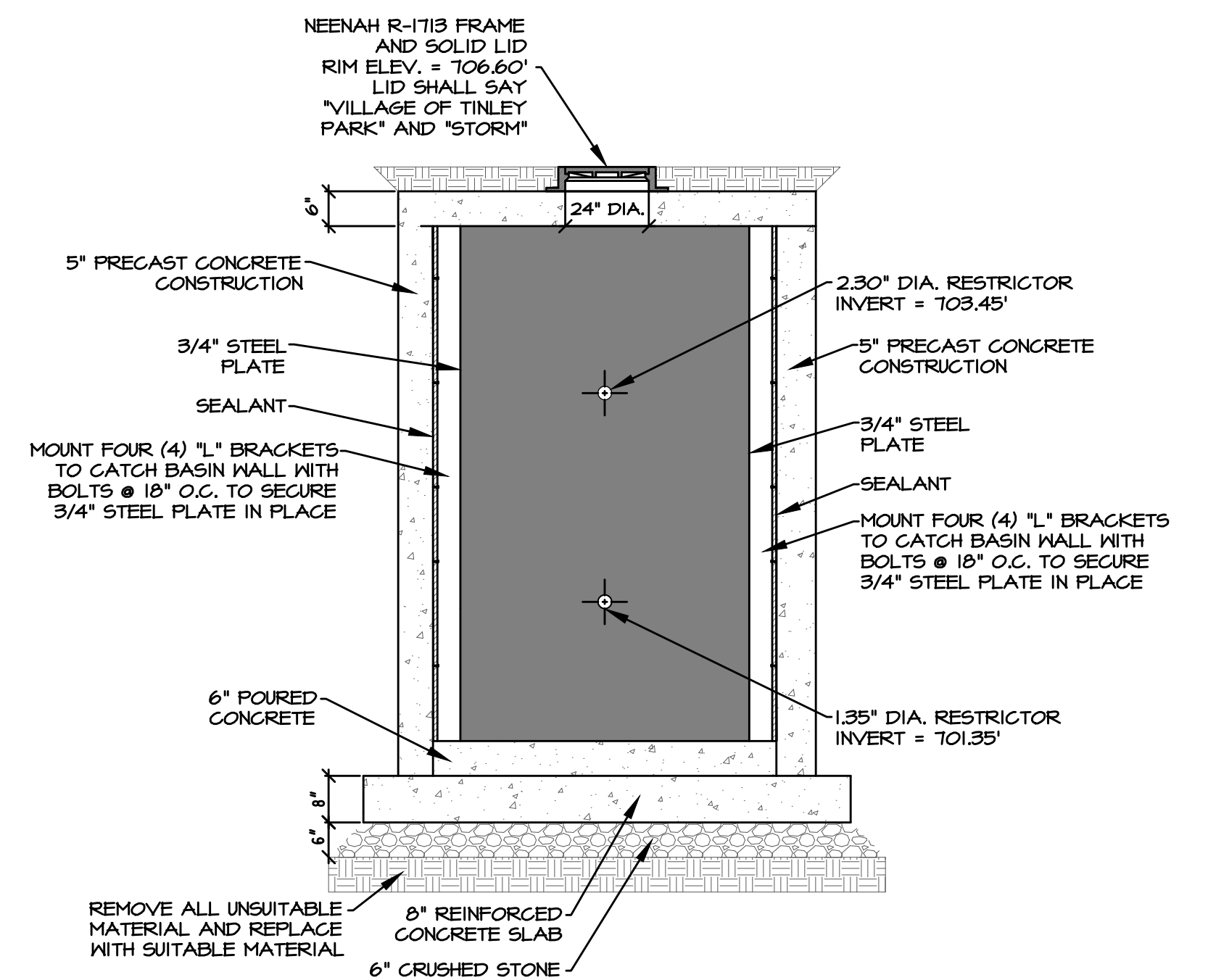
HOOD SPECIFICATION FOR CATCH BASINS			
DESCRIPTION	DATE	SCALE	REVISIONS
OIL-DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	09/08/00	NONE	
	DRAWING NUMBER		SP-SN



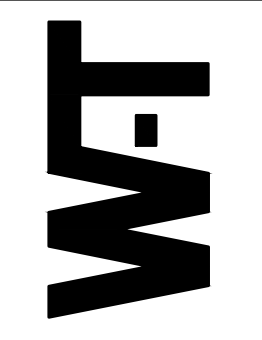
US PATENT #6126817 ADDITIONAL PATENTS PENDING

BMP, INC.
53 MT. ARCHER ROAD, LYME, CT 06371
(860) 504-8008 FAX: (860) 424-3199

12\"/>



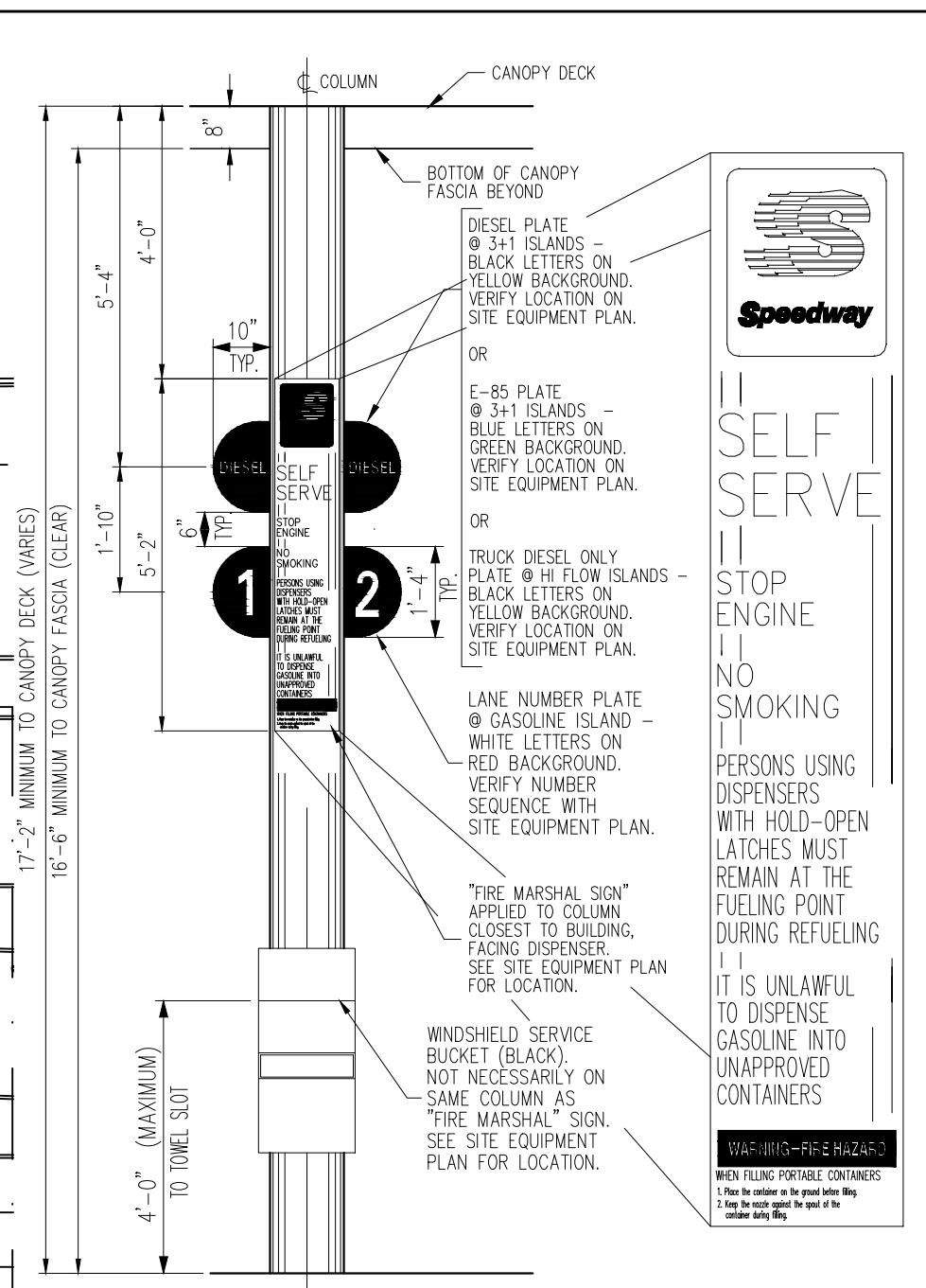
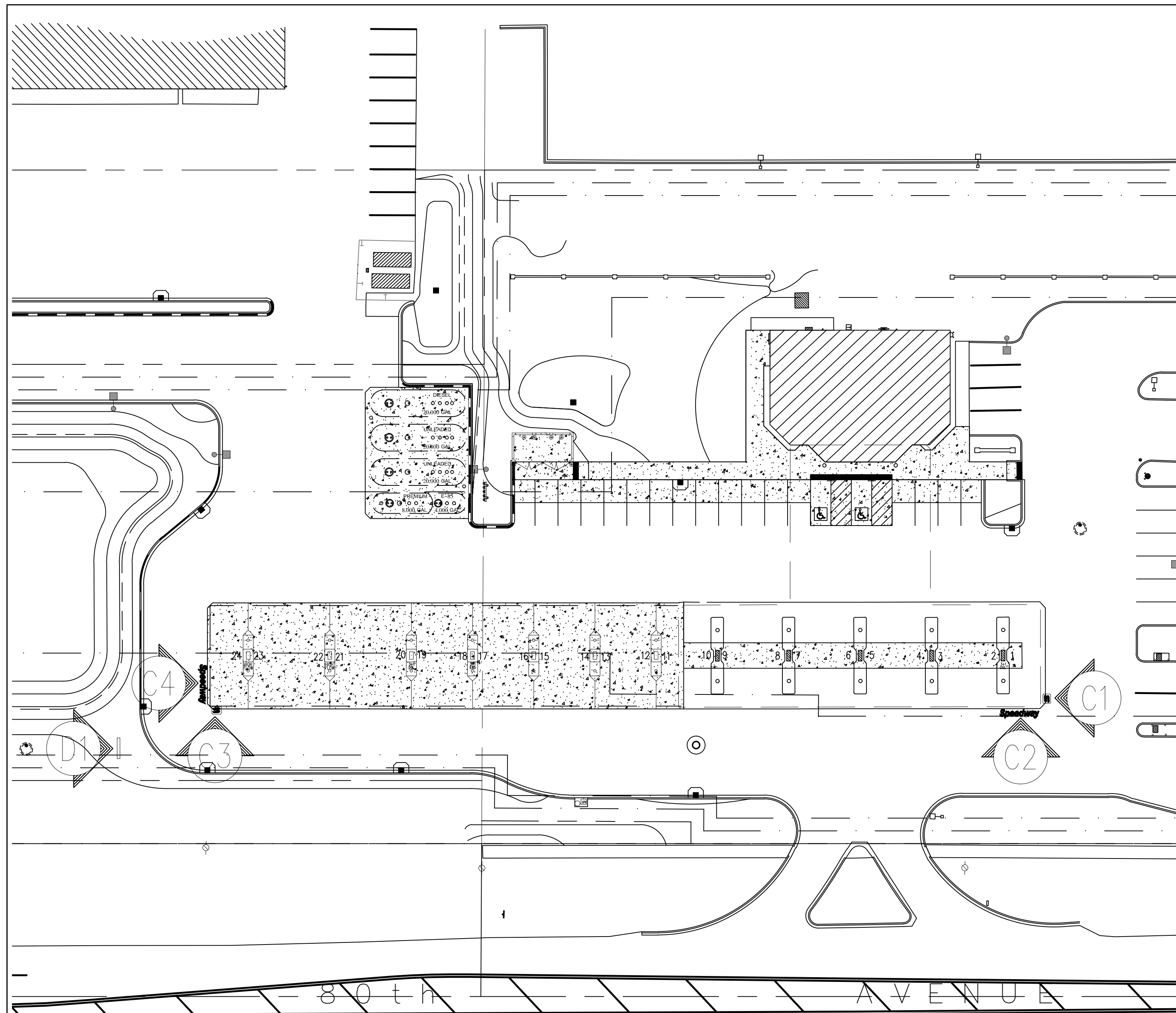
DETAIL - 72\"/>



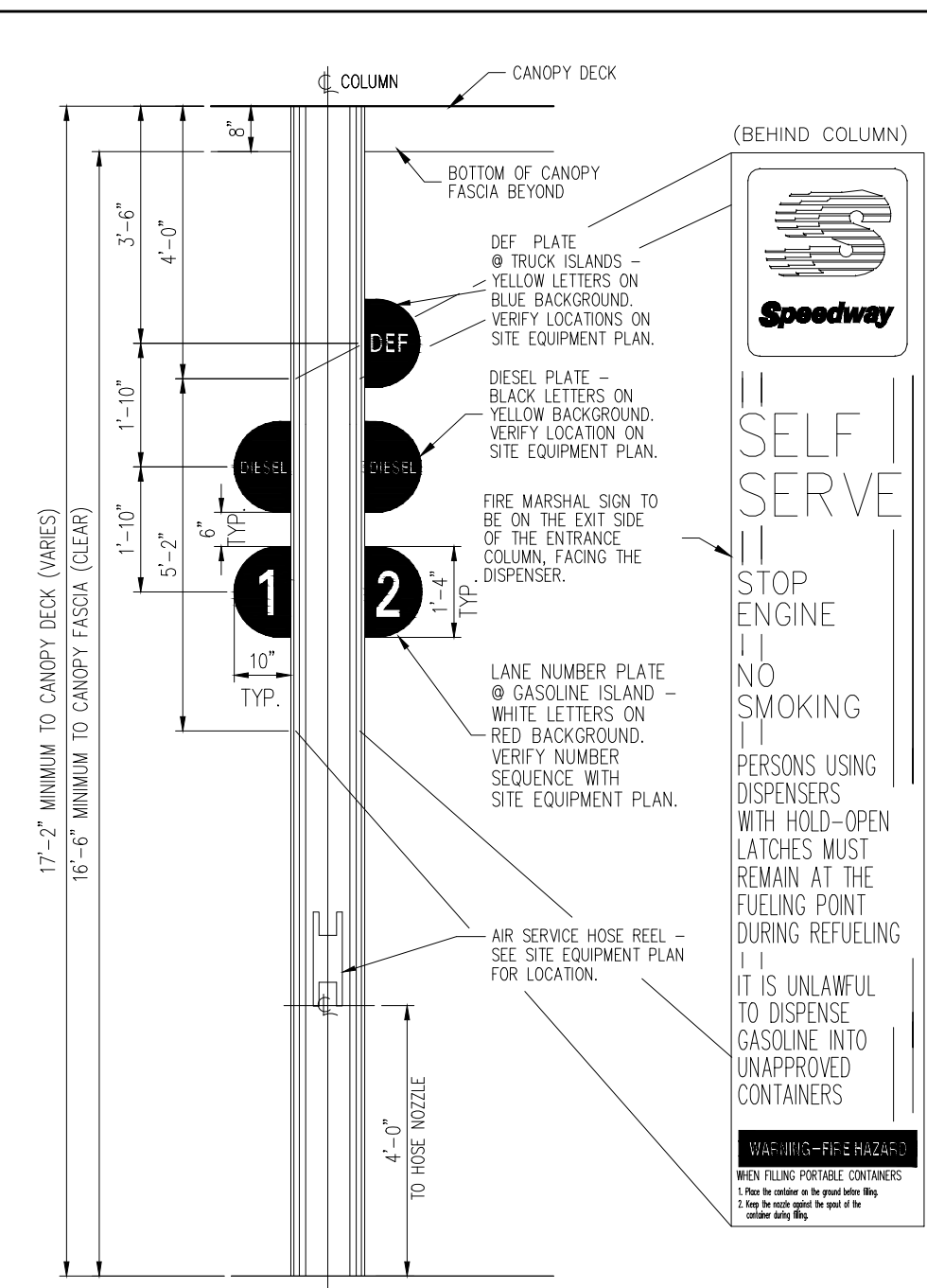
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2	09/01/99	12\"/>	NONE

DESIGN TEAM	DATE
DGNR. J. GLASCOTT	02/06/15
P. MGR. R. YOST	02/06/15
RWR. T. ABRAMS	02/06/15
DRWG. NO.	1413 CU2

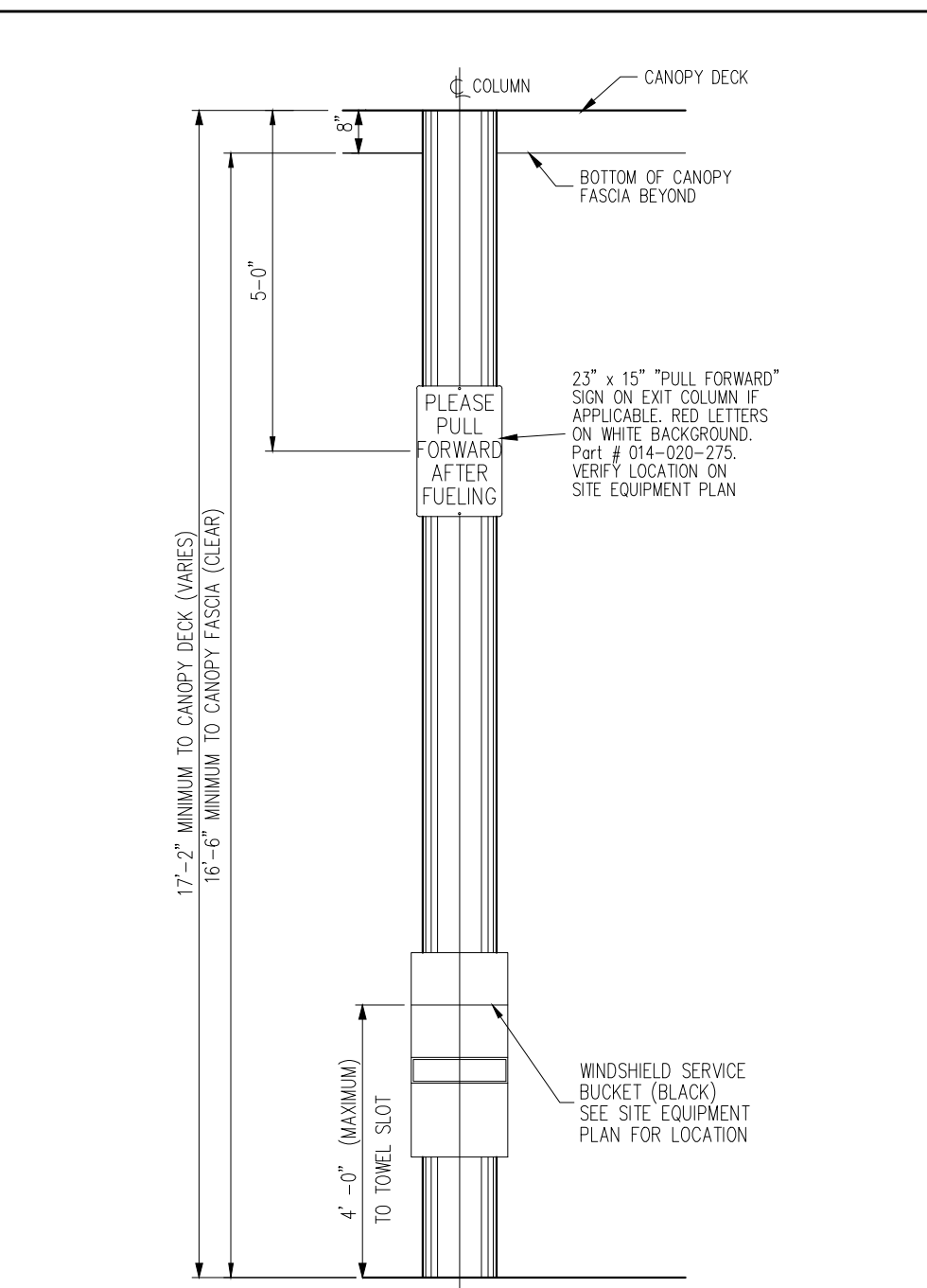
STORE OR BLDG NO. 0001413
VERSION OR AFE NO. 85926
SCALE 0
NOT TO SCALE



FRONT ELEVATION @ FIRE MARSHAL SIGN WITH AUTO DSL LANE IDENTIFIERS



FRONT ELEVATION FOR COMMERCIAL FUELING LANES, ENTRANCE COLUMN W/ DEF LANE IDENTIFIERS



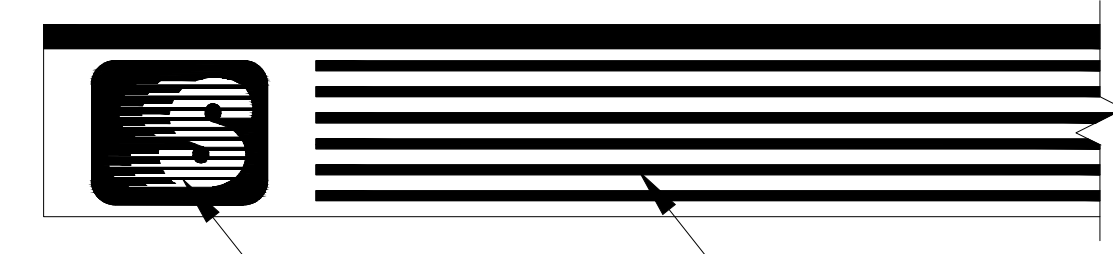
FRONT ELEVATION FOR COMMERCIAL FUELING LANES, CANOPY EXIT COLUMN



CANOPY FASCIA WITH "SPEEDWAY" CHANNEL LETTERS ELEVATION "C2"
SCALE: 1/4" = 1'-0"



CANOPY FASCIA WITH "SPEEDWAY" CHANNEL LETTERS ELEVATION "C4"
SCALE: 1/4" = 1'-0"

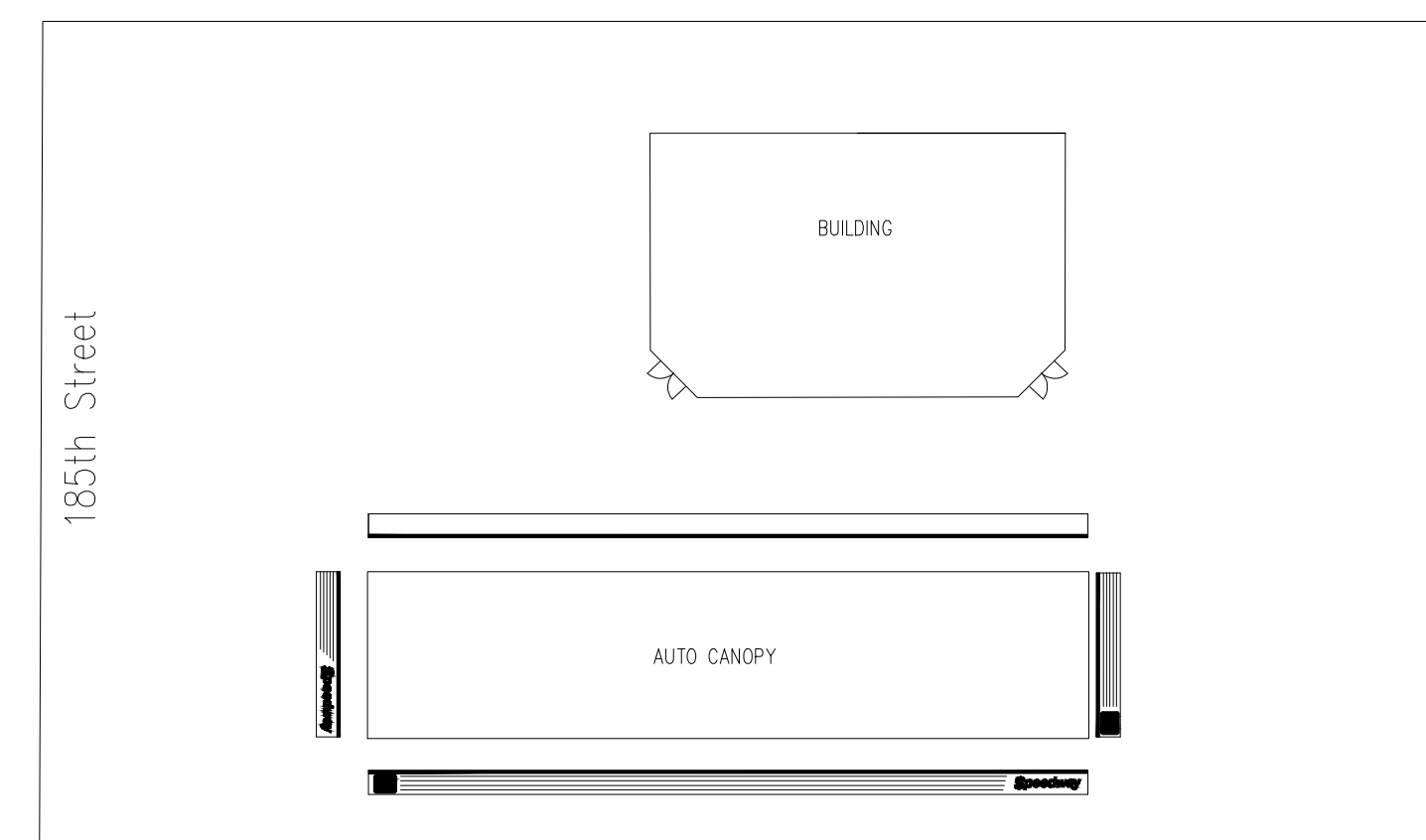


"S" SIGN & STRIPE DETAIL ELEVATION "C1 & C3"
SCALE: 1/4" = 1'-0"

GRAPHICS - INSTALLATION

ITEM	FURNISHED BY:	INSTALLED BY:	REMARKS
CANOPY FASCIA STRIPES	V	V	
DISPENSER DECALS	V	V	
FIRE MARSHAL SIGN	O	C	SEE SITE EQU. PLAN
LANE NUMBER PLATES	O	C	SEE SITE EQU. PLAN
BUILDING READERBOARD	O	C	
CANOPY FASCIA SIGNS	V	C	
BUILDING ADDRESS NUMERALS	O	C	

O - OWNER V - OWNER'S VENDOR C - CONTRACTOR



SIGNAGE						
	LOCATION	MESSAGE	ILLUMINATION	ALLOWABLE	DIMENSION	AREA
	AUTO CANOPY					
C1	SHORT SIDE (S)	"S"	ILLUMINATED			
C2	LONG SIDE (W)	SPEEDWAY	ILLUMINATED			EXISTING SIGNAGE TO REMAIN
C3	LONG SIDE (N)	"S"	ILLUMINATED			INCLUDING DIMENSION AND AREA
C4	SHORT SIDE (S)	SPEEDWAY	ILLUMINATED			
					CANOPY SIGNAGE TOTAL:	N/A SQ. FT.
					FREESTANDING - GROUND MOUNT SIGNS	
D1	SOUTHEAST PROPERTY	GROUND MOUNT	ILLUMINATED	240.0 SQ. FT.	8'-0" x 12'-0"	96.0 SQ. FT.
				240.0 SQ. FT.	SITE TOTAL	96.0 SQ. FT.

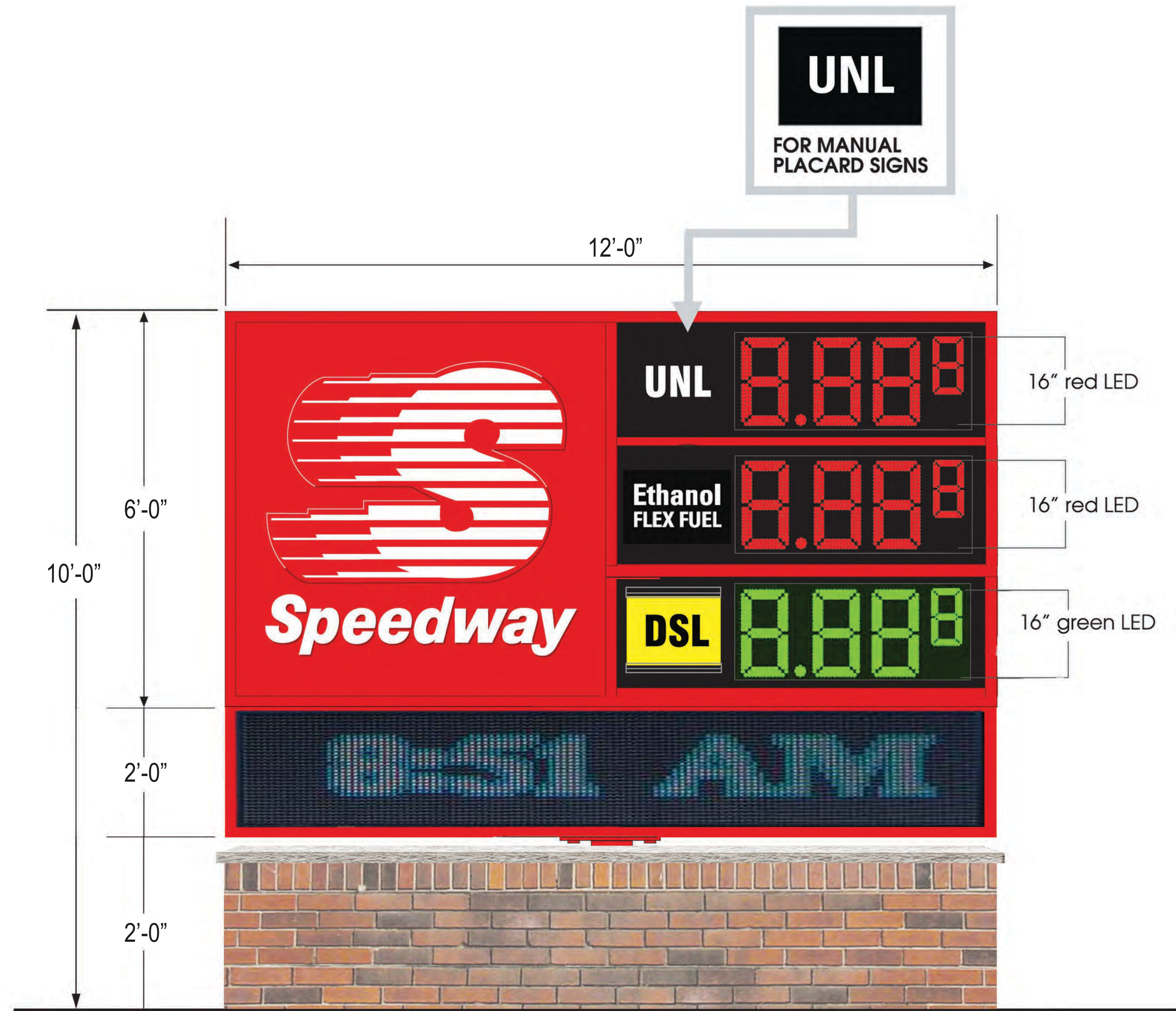
CORPORATE DESIGN + DEVELOPMENT GROUP, LLC
18460 80TH AVENUE, SUITE 100
TINLEY PARK, ILLINOIS 60489
TEL: 708.233.8888
WWW.GDCORP.COM

Speedway
Prepared By:
Engineering and Construction Dept.
Enon, OH 45323

NO.	REVISIONS	ISSUED PER VILLAGE COMMENTS	RESUBMITTED TO VILLAGE PER COMMENTS	DESIGNER	PROJ. MGR.	DATE

SIGNAGE PLAN
DIESEL EXPANSION
18460 80TH AVENUE
WILL COUNTY
TINLEY PARK, IL

STORE OR BLDG NO. #0001413
VERSION OR AFE NO. #85926
SCALE 0 1" = 30'-0"
DESIGN TEAM DATE
DCNR K. STRNAD 01/19/15
PROJ. MGR. J. COUCH 01/19/15
RVR. C. KALISCHESKI 01/19/15
DRWG. NO. #1413-SS.1



96 SQ. FT. GROUND MOUNT SIGN "D1"

NO.	REVISIONS	DESCRIPTION	DATE

GROUND MOUNT SIGN
 DIESEL EXPANSION
 18460 80TH AVENUE
 WILL COUNTY
 TINLEY PARK, IL

STORE OR BLDG NO. #0001413

VERSION OR AFE NO. #85926

SCALE 0' 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'

DESIGN TEAM	DATE
DGNR. K. STRNAD	01/19/15
PROJ. MGR. J. COUCH	01/19/15
RVR. C. KALISCHESKI	01/19/15

DRWG. NO. #1413-SS.2

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EXISTING CAR WASH SIGN

NO.	REVISIONS	DATE	BY	CHKD.
1	ISSUED FOR PERMIT	07-20-15		
2	REVISED TO ADD COMMENTS	07-20-15		
3	REVISED TO ADD COMMENTS	07-20-15		
4	REVISED TO ADD COMMENTS	07-20-15		

THIS DRAWING IS THE PROPERTY OF SPEEDWAY AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF SPEEDWAY.

**EXISTING CAR WASH SIGN
DIESEL EXPANSION**
18460 80TH AVENUE
WILL COUNTY
TINLEY PARK, IL

STORE OR BLDG NO. #0001413

VERSION OR AFE NO. #85926

SCALE 1" = 10'-0"

DESIGN TEAM DATE

OWNER K. STRNAD 01/19/15

PROJ. MGR. J. COUCH 01/19/15

DRWG. NO. #1413-SS.3



EXISTING STORE SIGN


NO.	REVISIONS	DATE	BY	DESCRIPTION
1	ISSUED FOR VILLAGE COMMENTS	07-21-15	KS	
2	REMITTED TO VILLAGE PER COMMENTS	07-21-15	KS	
3		07-21-15	KS	
4		07-21-15	KS	

This drawing is the property of Speedway and is not to be used or reproduced without expressed written consent of Speedway.

EXISTING STORE SIGN
DIESEL EXPANSION
18460 80TH AVENUE
WILL COUNTY
TINLEY PARK, IL

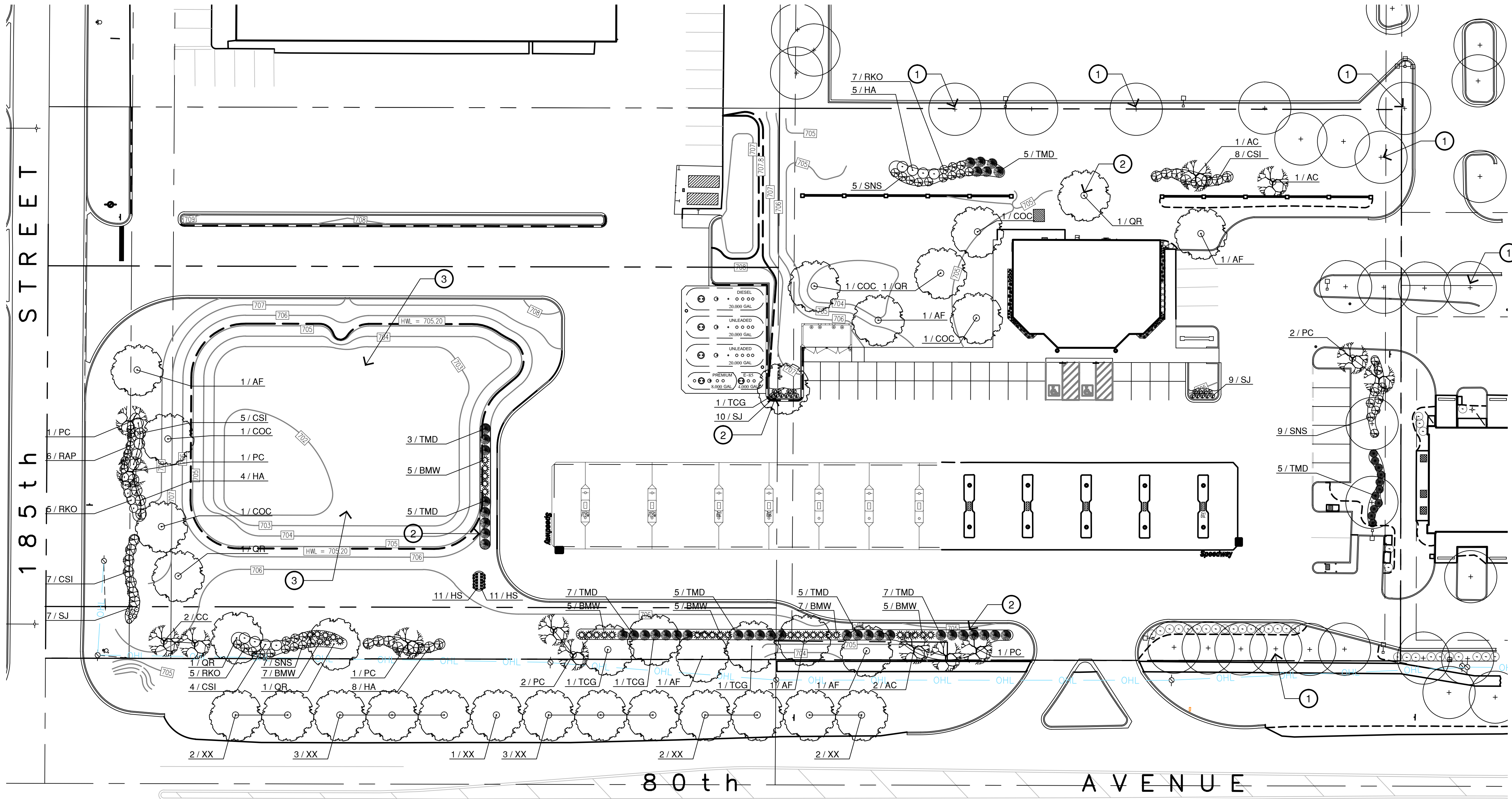
STORE OR BLDG NO. **#0001413**

VERSION OR AFE NO. **#85926**

SCALE 

DESIGN TEAM	DATE
DGNR. K. STRNAD	01/19/15
PROJ. MGR. J. COUCH	01/19/15
RVR. C. KALISCHESKI	01/19/15

DRWG. NO. **#1413-SS.4**



Notes

- Denotes location of existing tree to remain. Protect during Construction. (See Existing Tree Plan)
- Remove all turf encountered within bed limits and haul from site. Furnish and install 3" minimum layer of double shredded hardwood bark mulch in all planting beds and tree rings. (See Specifications)
- Detention Area Plantings. (See Civil Engineering Plans)

General Notes:
 Fine grade, fertilize, seed and blanket all disturbed areas. (See Specifications)

Plant List & Key

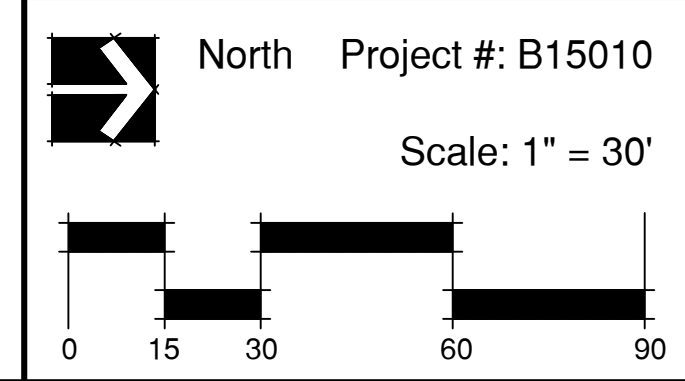
Key	Botanical Name (Common Name)	Size	Quantity
Shade Trees			
AF	<i>Acer fremanii</i> 'Autumn Blaze' (Autumn Blaze Maple)	2 1/2"	5
COC	<i>Celtis occidentalis</i> 'Chicagoland' (Chicagoland Hackberry)	2 1/2"	3
QR	<i>Quercus rubra</i> (Red Oak)	2 1/2"	4
TCG	<i>Tilia cordata</i> 'Greenspire' (Greenspire Linden)	2 1/2"	5
Ornamental Trees			
AC	<i>Amelanchier canadensis</i> (Shadblow Serviceberry)	2 1/2"	4
PC	<i>Pyrus calleryana</i> 'Chanticleer' (Chanticleer Callery Pear)	2 1/2"	2
Deciduous Shrubs			
CSI	<i>Cornus sericea</i> 'Isanti' (Isanti Redtwig Dogwood)	36"	16
HA	<i>Hydrangea arborescens</i> (Smooth Hydrangea)	24"	12
RAP	<i>Ribes alpinum</i> 'Green Mound' (Green Mound Alpine Currant)	24"	6
RKO	<i>Rosa</i> 'Knockout' (Knockout Rose)	24"	10
SJ	<i>Spiraea japonica</i> 'Little Princess' (Little Princess Spirea)	24"	17
SNS	<i>Spiraea nipponica</i> 'Snowmound' (Snowmound Spirea)	24"	16
Evergreen Shrubs			
BMW	<i>Buxus microphylla</i> 'Wintergreen' (Wintergreen Boxwood)	24"	34
TMD	<i>Taxus x media</i> 'Densiformis' (Dense Angiojap Yew)	24"	36
Perennials and Grasses			
ACV	<i>Astilbe chinensis</i> 'Visions' (Visions False Spirea)	1 Gal.	18
HCA	<i>Hemerocallis</i> 'Chicago Apache' (Chicago Apache Daylily)	1 Gal.	17
HS	<i>Hemerocallis</i> 'Stella-de-Oro' (Stella-de-Oro Daylily)	1 Gal.	22
HAP	<i>Heuchera americana</i> 'Pewter Moon' (Pewter Moon American Alumroot)	1 Gal.	26
HF	<i>Hosta fortunei</i> 'Francoe' (Francoe Hosta)	1 Gal.	7
PAH	<i>Pennisetum alopecuroides</i> 'Hamelin' (Dwarf Fountain Grass)	1 Gal.	7
PAL	<i>Perovskia atriplicifolia</i> 'Little Spire' (Little Spire Russian Sage)	1 Gal.	9

The quantities listed above are for reference only.
 The Contractor is responsible for confirming all quantities based on the plant materials shown and identified on the Landscape Plan.

NO.	REVISIONS	DATE	BY	DESCRIPTION

LANDSCAPE PLAN
 DIESEL EXPANSION
 18460 80TH AVENUE
 WILL COUNTY
 TINLEY PARK, IL

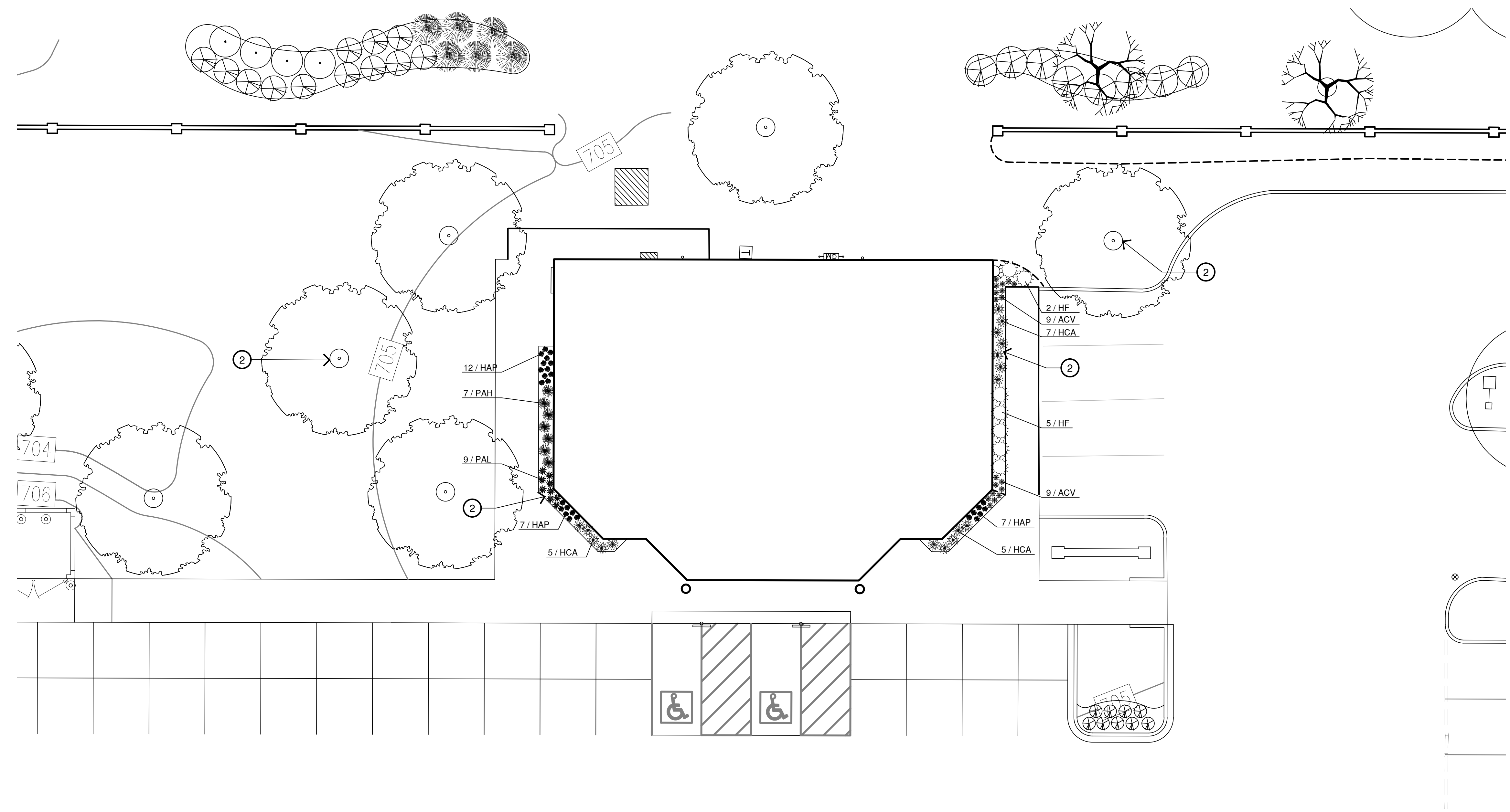
STORE OR BLDG NO. #0001413
 VERSION OR AFE NO. #85926
 SCALE 1" = 30'



BDG
Brusseau Design Group, LLC
 Landscape Architecture • Land Planning • Recreational Planning & Design
 2675 Pratum Avenue, Hoffman Estates, IL 60192

DESIGN TEAM	DATE
DGNR. K. STRNAD	01/19/15
PROJ. MGR. J. COUCH	01/19/15
RVR. C. KALISCHESKI	01/19/15

DRWG. NO. #1413-LP.1



Notes

- Denotes location of existing tree to remain. Protect during Construction.
- Remove all turf encountered within bed limits and haul from site. Furnish and install 3" minimum layer of double shredded hardwood bark mulch in all planting beds and tree rings. (See Specifications)

General Notes:
 Fine grade, fertilize, seed and blanket all disturbed areas. (See Specifications)

Speedway[®]
 Presented By:
 Speedway Engineering and Construction Dept.
 Enon, OH 45323


NO.	REVISIONS	DATE	BY	DESCRIPTION
	RESUBMITTED TO VALUE PER COMMENTS			

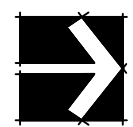
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DETAILED LANDSCAPE PLAN
DIESEL EXPANSION
 18460 80TH AVENUE
 WILL COUNTY
 TINLEY PARK, IL

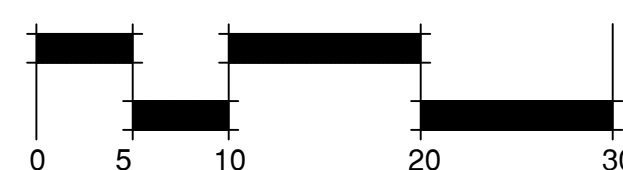
STORE OR BLDG NO. #0001413

VERSION OR AFE NO. #85926

SCALE: 

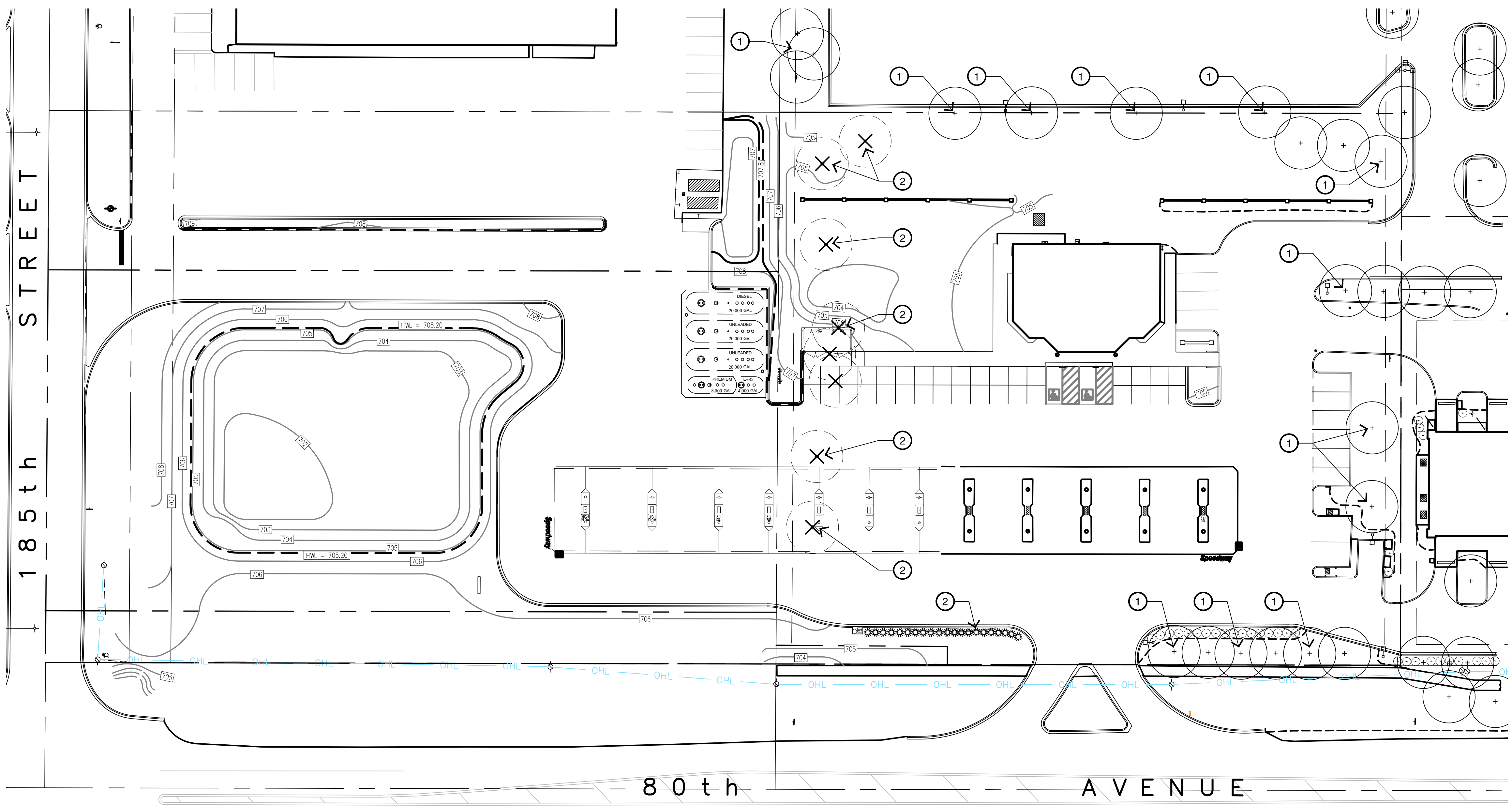
North  Project #: B15010

Scale: 1" = 10'

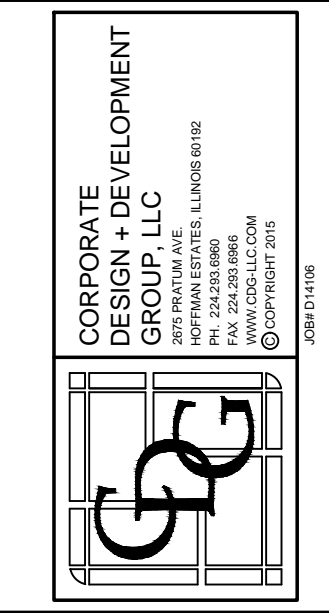


BDG
Brusseau Design Group, LLC
 Landscape Architecture • Land Planning • Recreational Planning & Design
 2675 Pratum Avenue, Hoffman Estates, IL 60192

DESIGN TEAM	DATE
DGNR. K. STRNAD	01/19/15
PROJ. MGR. J. COUCH	01/19/15
RVR. C. KALISCHESKI	01/19/15
DRWG. NO. #1413-	LP.2



- Notes**
1. Denotes location of existing tree to remain. Protect during Construction.
 2. Denotes location of existing tree to be removed, including root package and haul from the site.



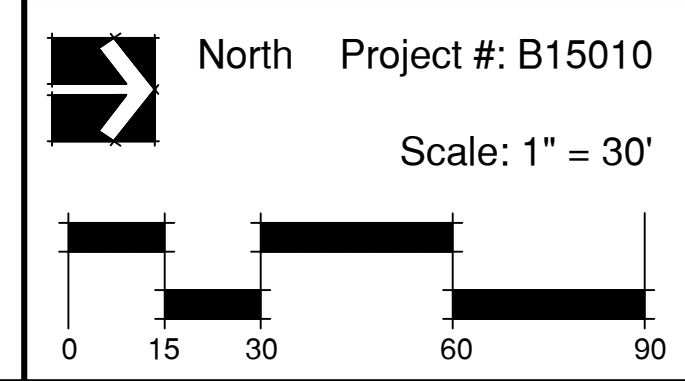
NO.	REVISIONS	DATE	BY	APP'D.
1	RESUBMITTED TO VALUE PER COMMENTS			

**LANDSCAPE PLAN
DIESEL EXPANSION**
18460 80TH AVENUE
WILL COUNTY
TINLEY PARK, IL

STORE OR BLDG NO. #0001413

VERSION OR AFE NO. #85926

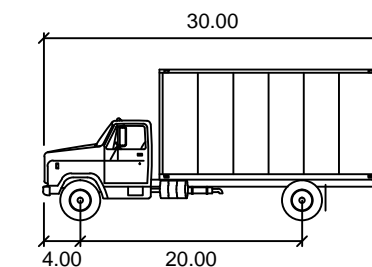
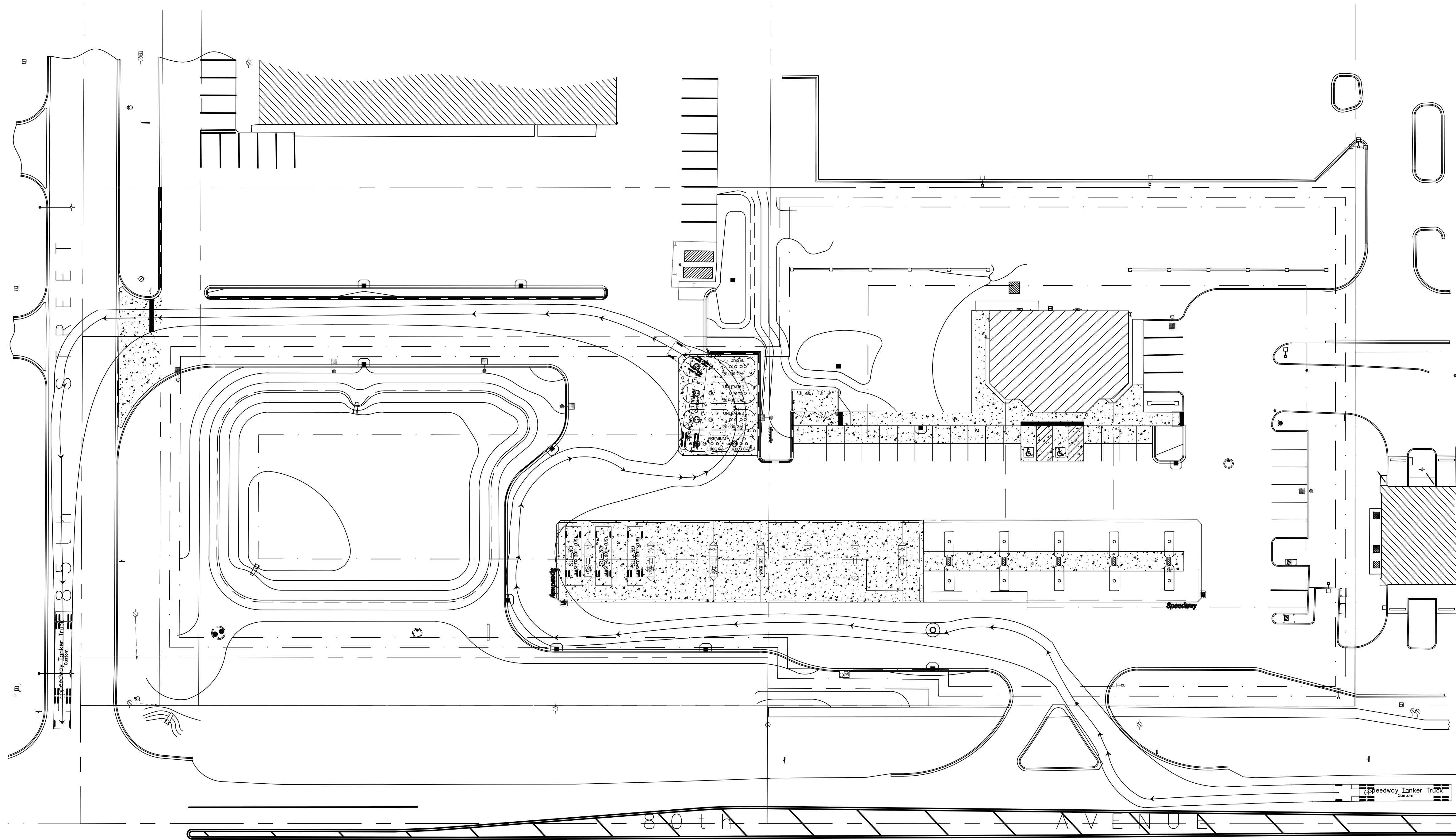
SCALE



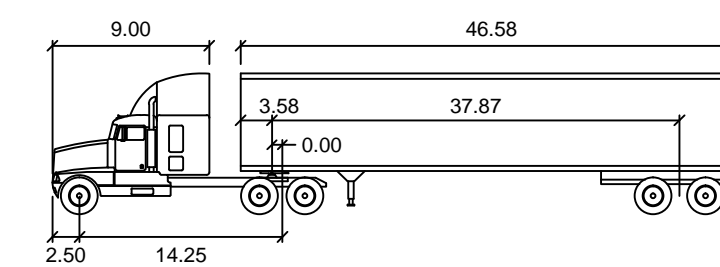
BDG
Brusseau Design Group, LLC
Landscape Architecture • Land Planning • Recreational Planning & Design
2675 Pratum Avenue, Hoffman Estates, IL 60192

DESIGN TEAM	DATE
DGNR. K. STRNAD	01/19/15
PROJ. MGR. J. COUCH	01/19/15
REV. C. KALISCHESKI	01/19/15
DRWG. NO. #1413-LP.3	

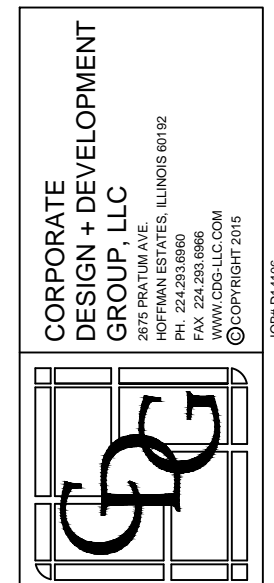
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SU-30 feet
 Width : 4.00
 Track : 20.00
 Lock to Lock Time : 6.0
 Steering Angle : 31.8



Speedway Tanker Truck feet
 Tractor Width : 2.50
 Trailer Width : 9.00
 Tractor Track : 14.25
 Trailer Track : 46.58
 Lock to Lock Time : 6.0
 Steering Angle : 26.0
 Articulating Angle : 70.0



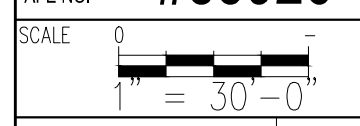
Speedway
 Prepared By:
 Engineering
 18460 80th Avenue
 Tinley Park, IL 60489

NO.	REVISIONS	ISSUED PER	DATE	BY	REVISION
1	ISSUED PER VILLAGE COMMENTS	02/24/15	02/24/15		
2	RESUBMITTED TO VILLAGE PER COMMENTS	02/24/15	02/24/15		

CIRCULATION PLAN
DIESEL EXPANSION
 18460 80TH AVENUE
 WILL COUNTY
 TINLEY PARK, IL

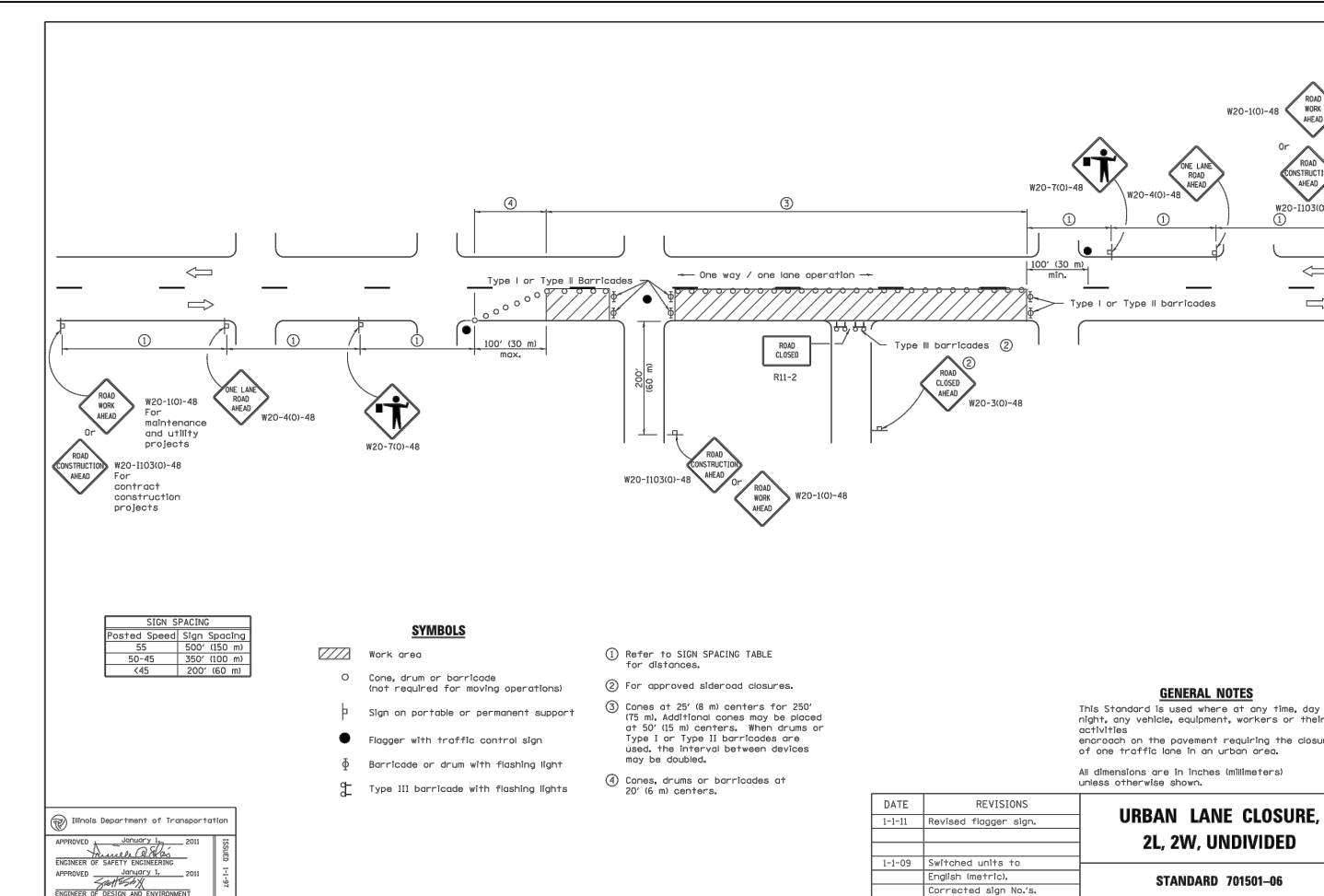
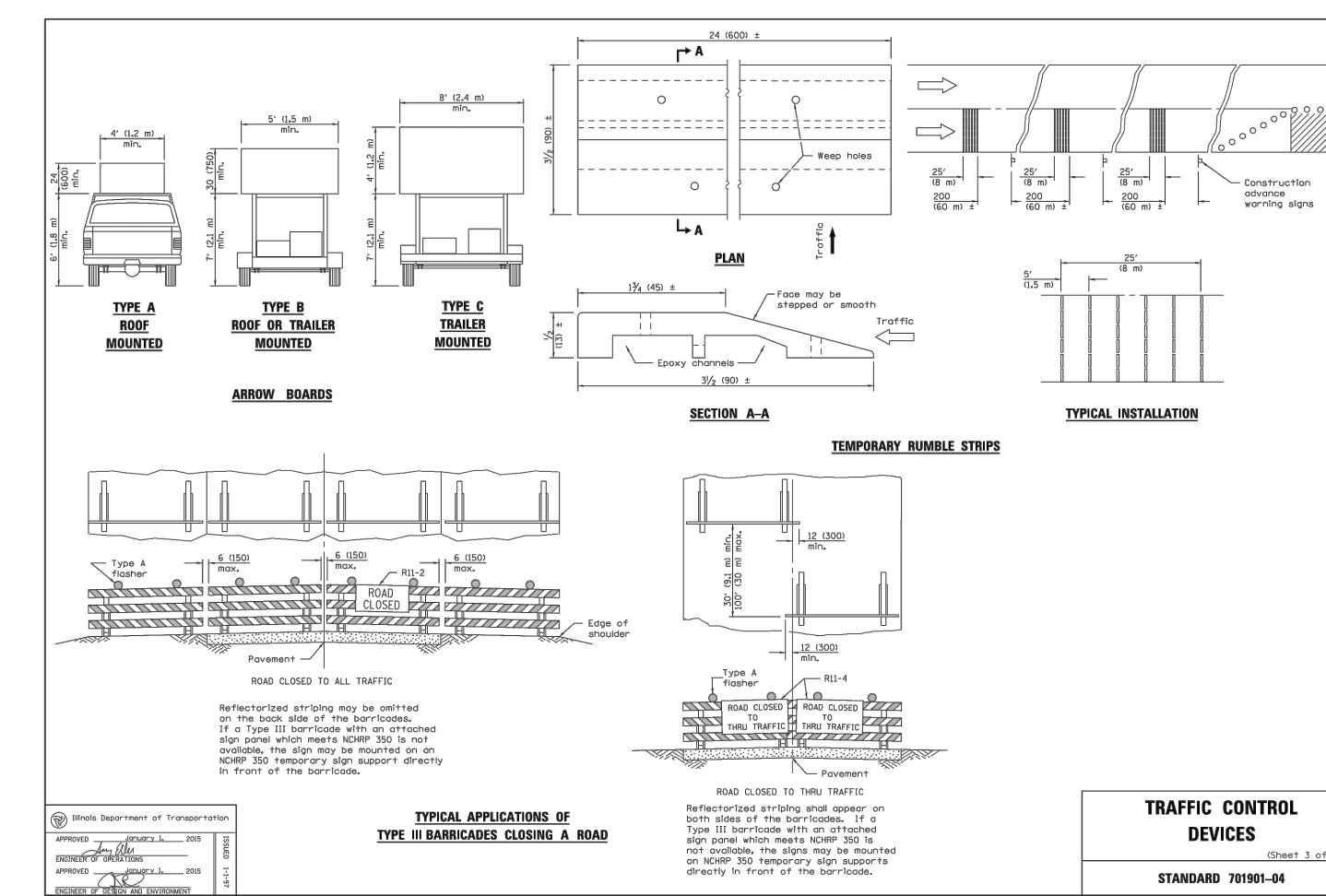
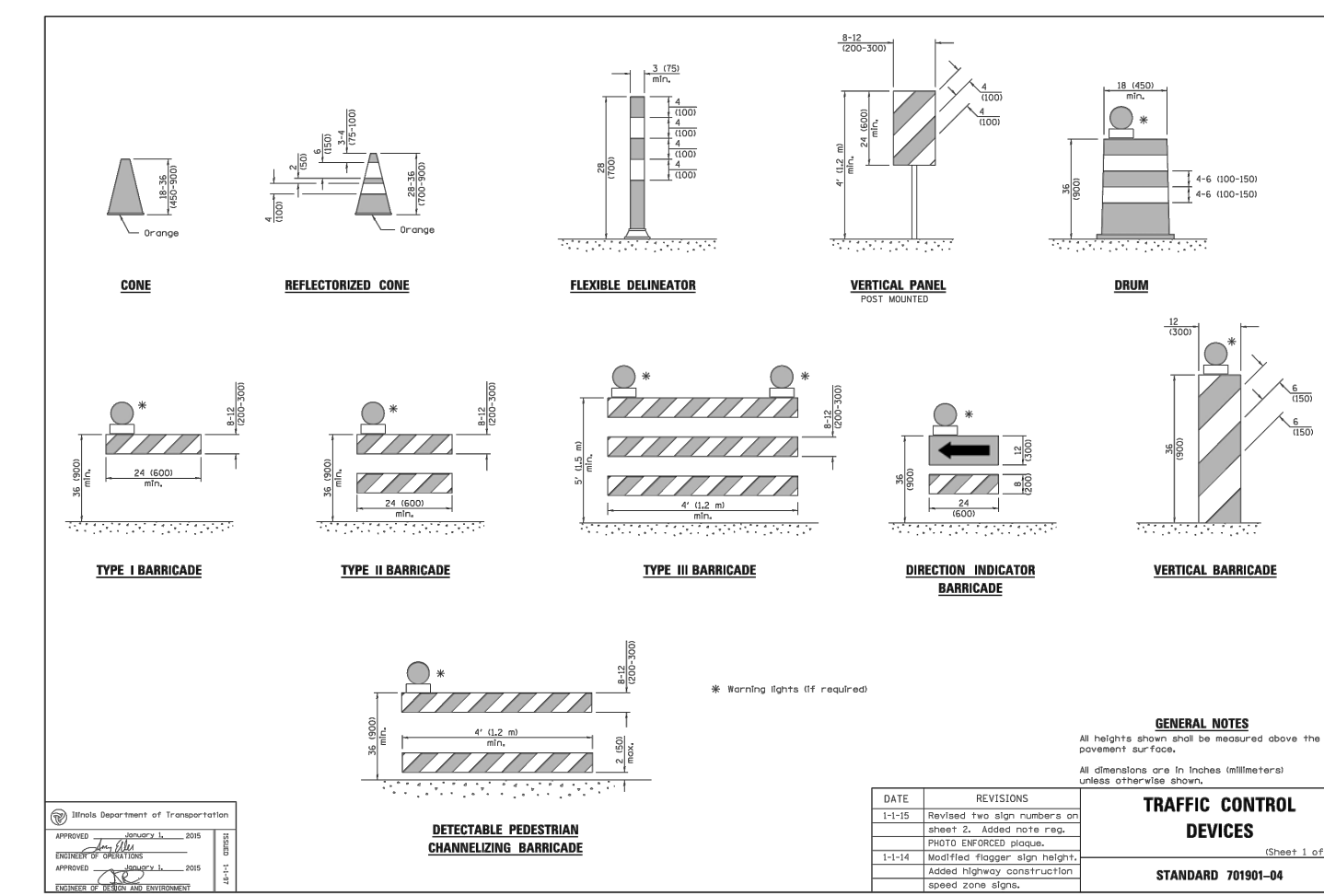
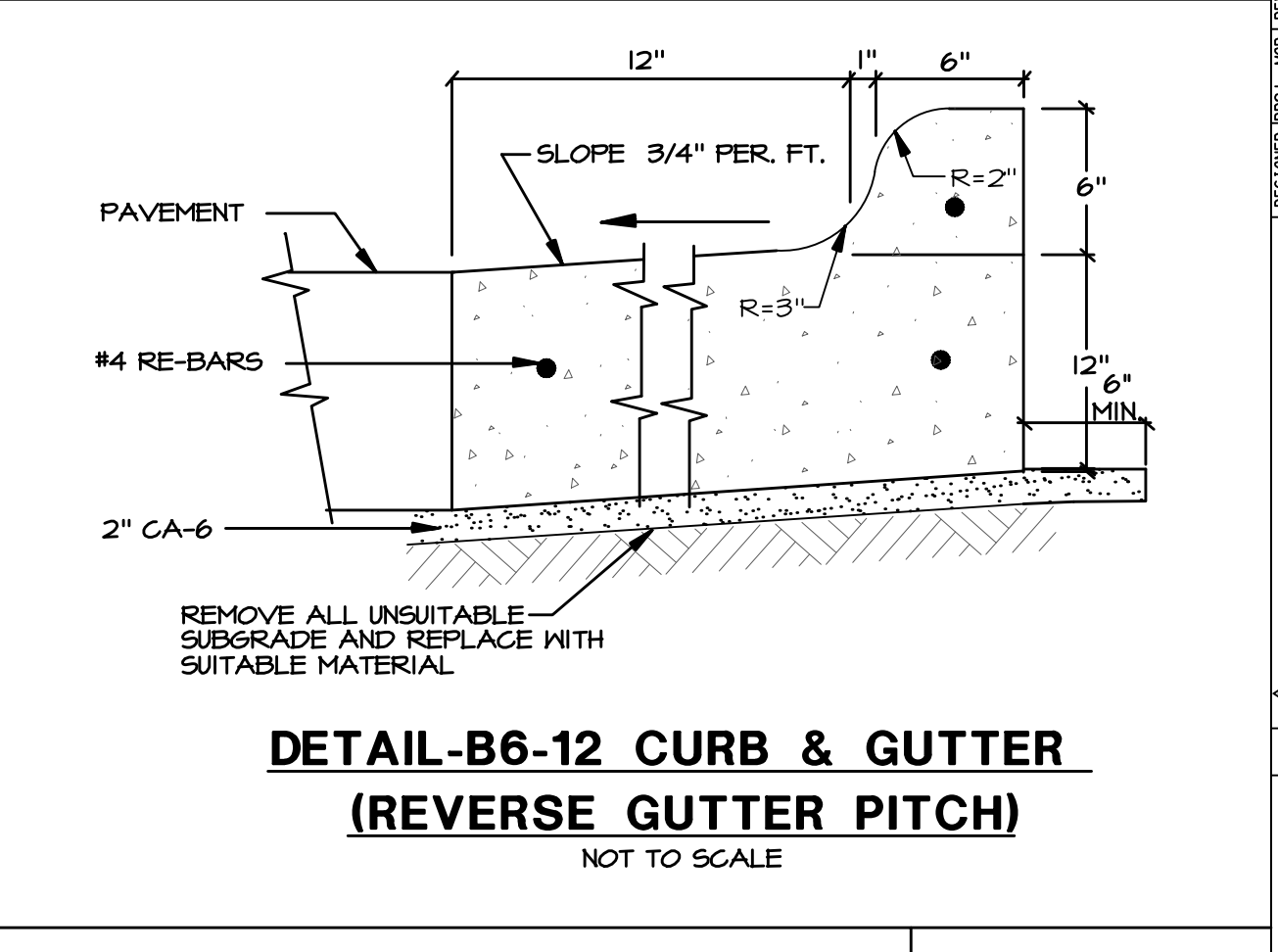
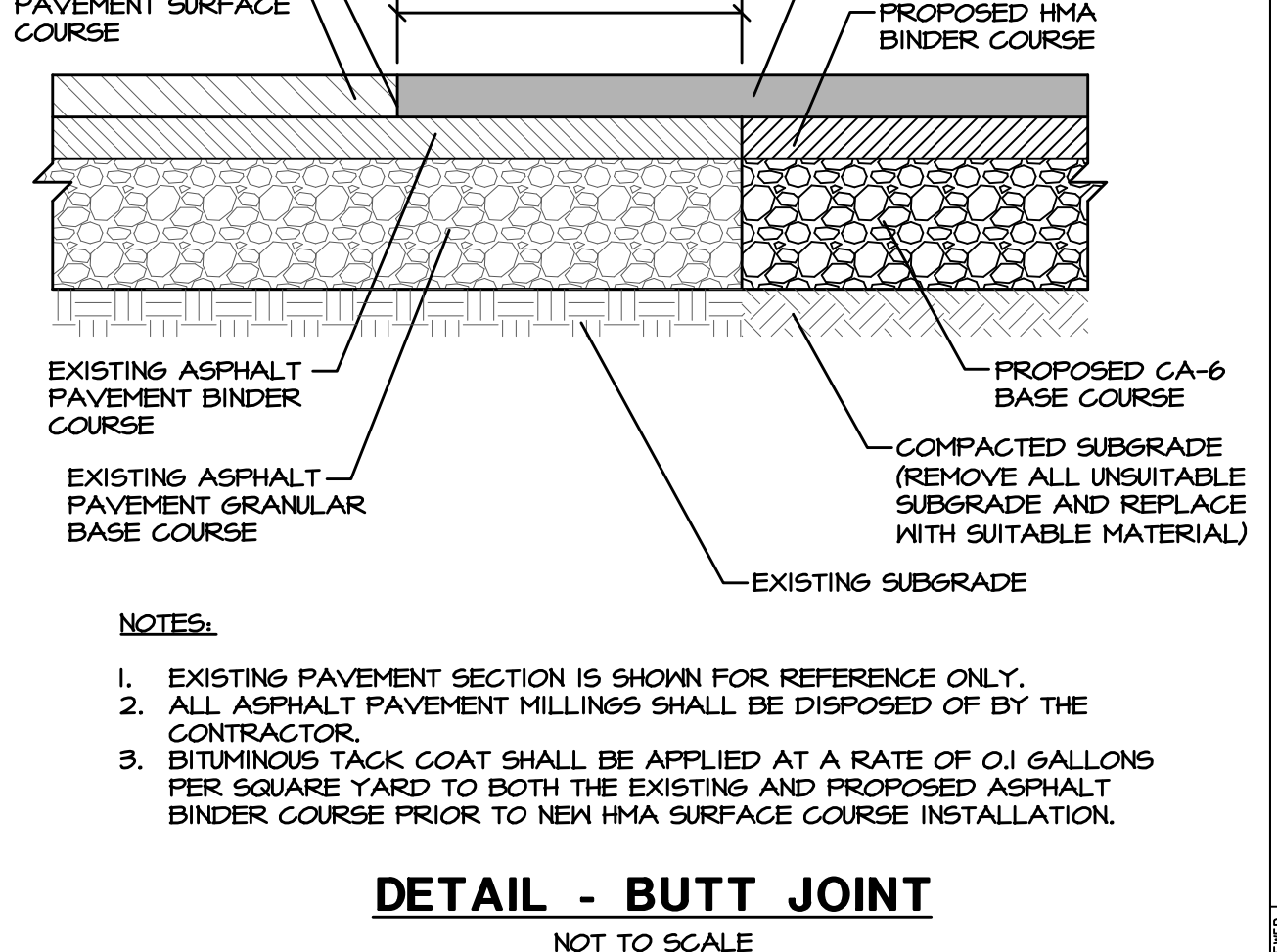
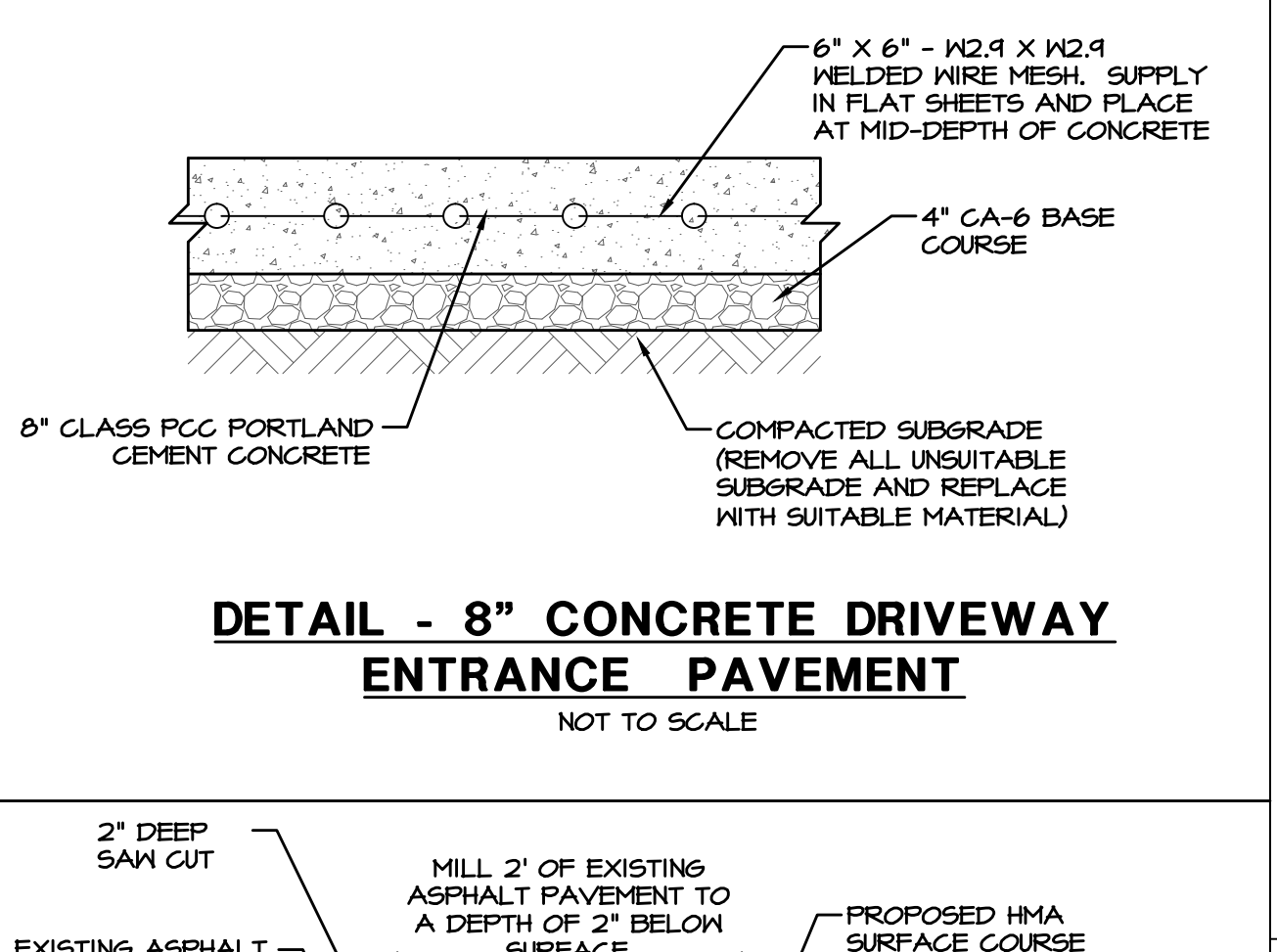
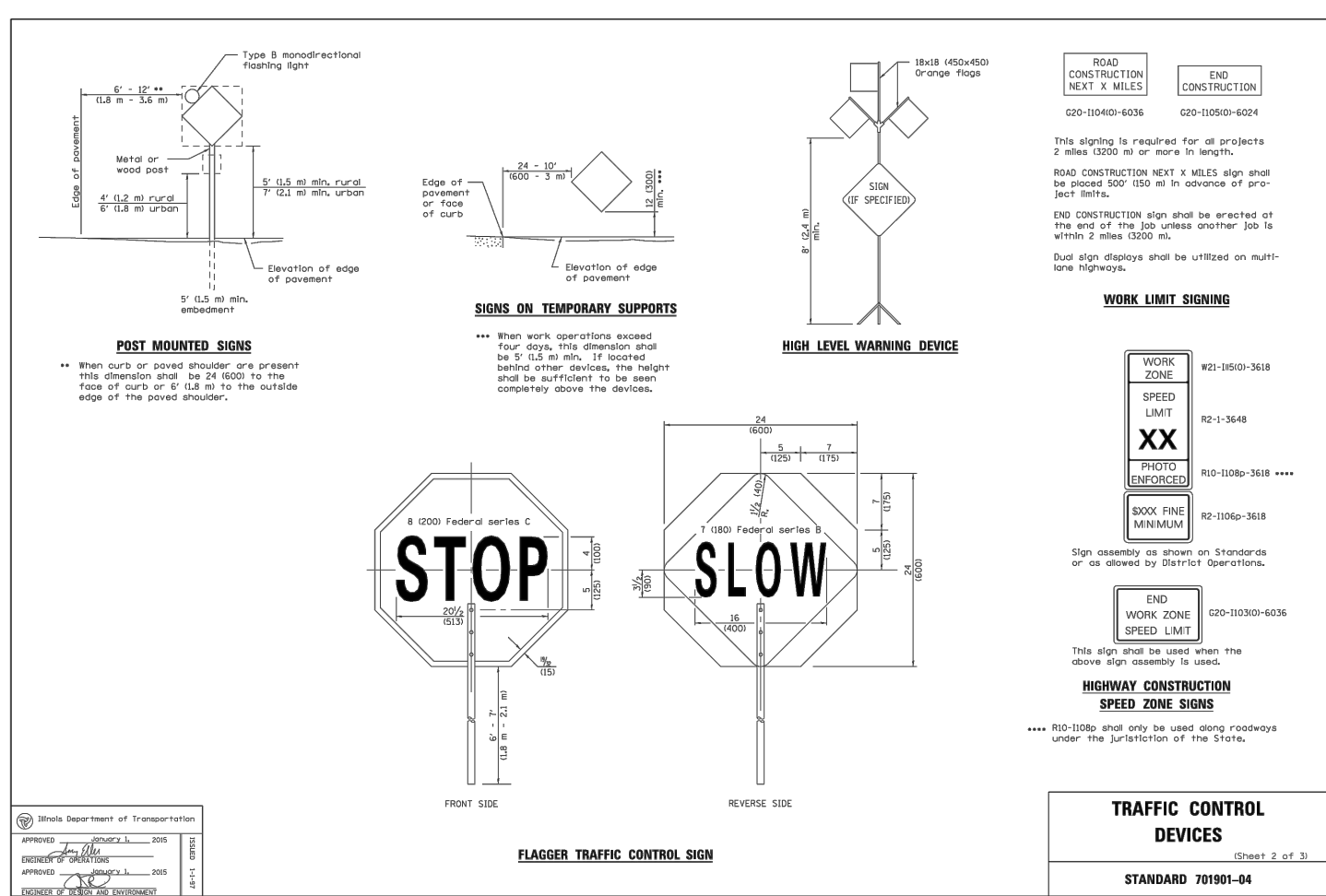
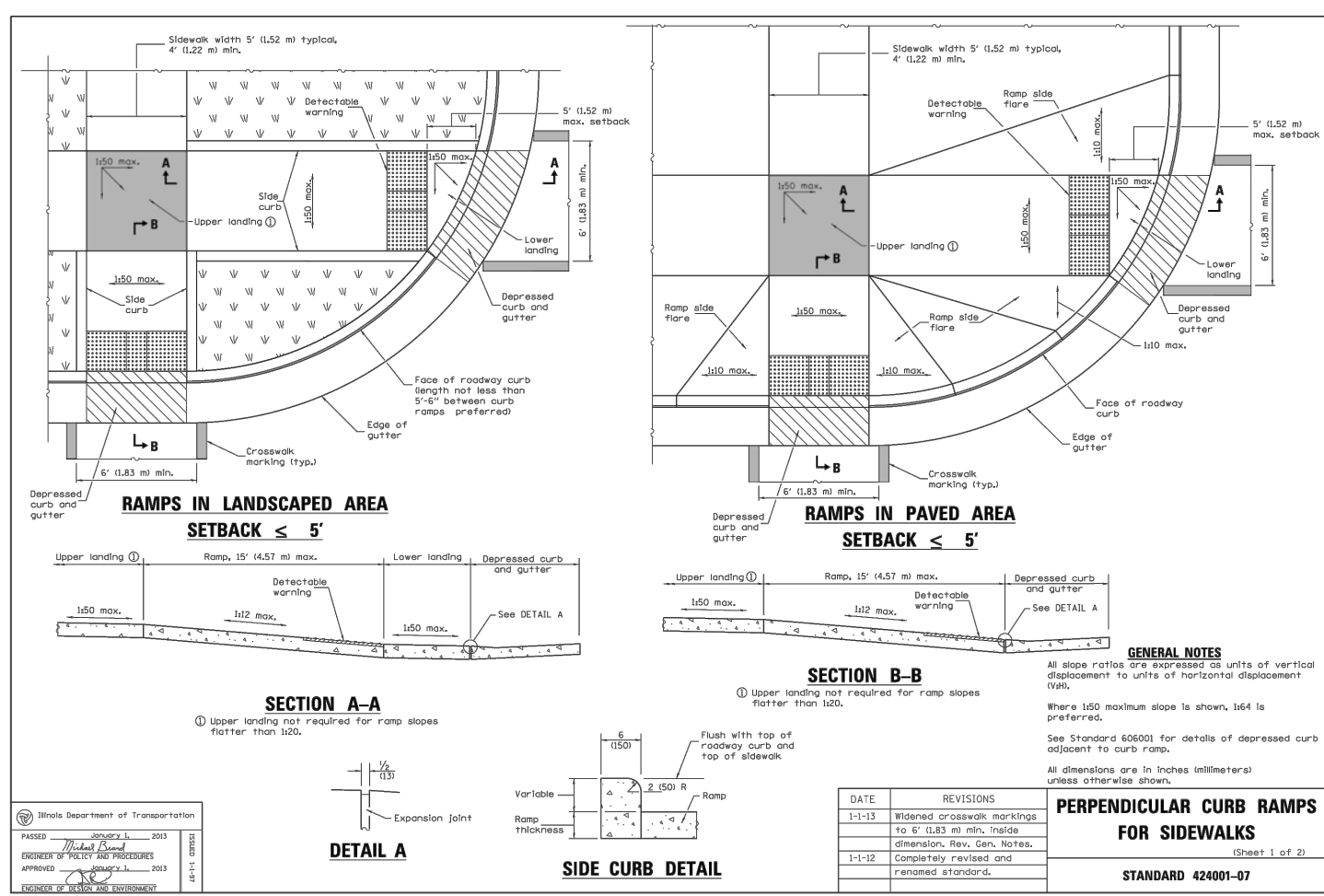
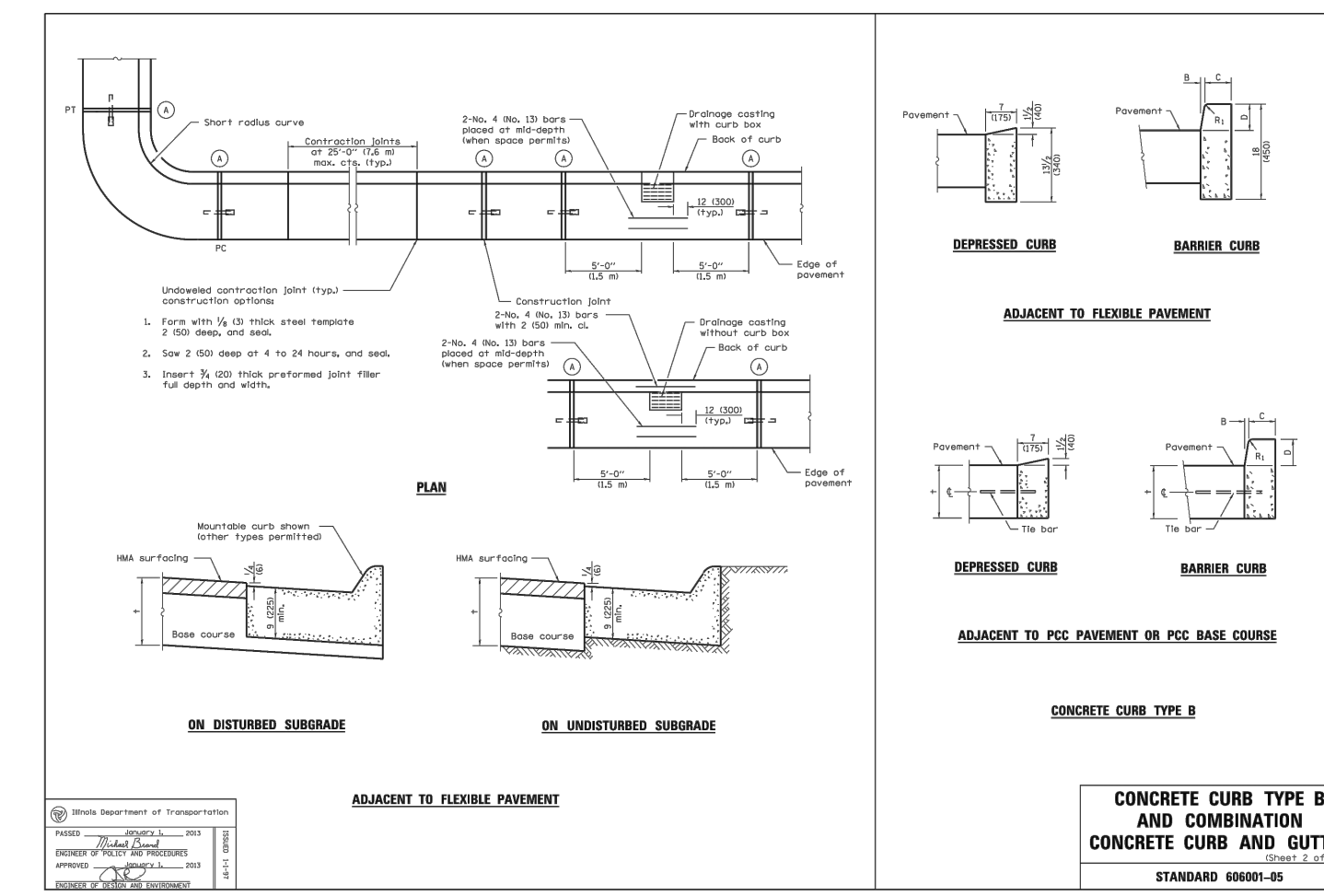
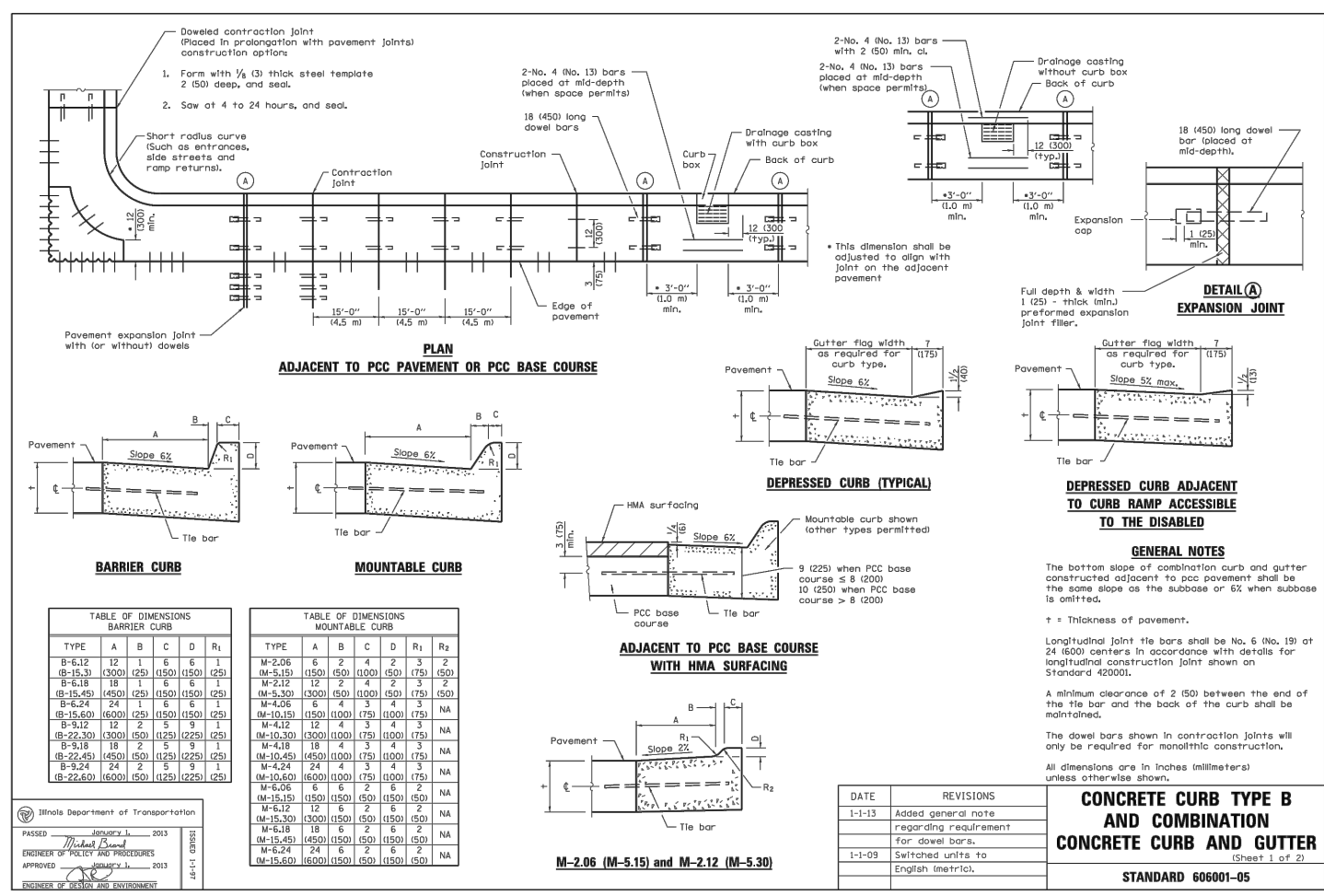
STORE OR BLDG NO. **#0001413**

VERSION OR AFE NO. **#85926**



DESIGN TEAM	DATE
DGNR. K. STRNAD	01/19/15
PROJ. MGR. J. COUCH	01/19/15
RVR. C. KALISCHEFSKI	01/19/15

DRWG. NO. **#1413-CR**



WT-CIVIL JOB# CE-14144

W-T CIVIL ENGINEERING, LLC.
CIVIL AND STRUCTURAL ENGINEERS

2675 Peatam Avenue
Hoffman Estates, Illinois 60132
PH: (224) 293-6339 FAX: (224) 293-6444
www.wtengineering.com

IL License No.: 184-003492 Exp: 04/30/17

Speedway

Prepared By:
Engineering and Construction Dept.
Eaton, OH 45123

NO.	DATE	REVISIONS
1	07-20-2011	1. SITE PLAN CHANGE
2	07-20-2011	2. SITE PLAN CHANGE
3	07-20-2011	3. FORMAL COUNTY REVIEW
4	07-20-2011	4. PER VALUE COMMENTS

STORE OR BLDG NO. 0001413

VERSION OR AFE NO. 85926

SCALE 0

NOT TO SCALE

DESIGN TEAM DATE

DGNR. J. GLASCOTT 02/06/15

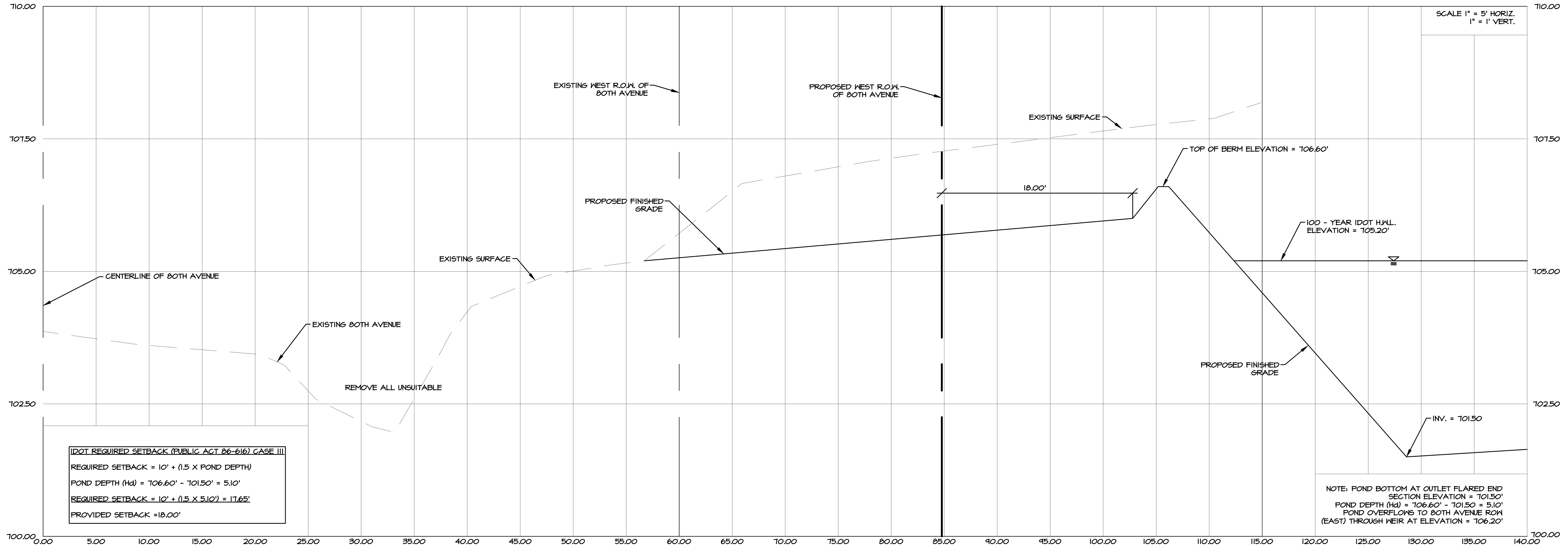
PMGR. R. YOST 02/06/15

RWR. T. ABRAMS 02/06/15

DRWG. NO. 1413 IDOT1

18460 80TH AVENUE
WILL COUNTY
TINLEY PARK, IL

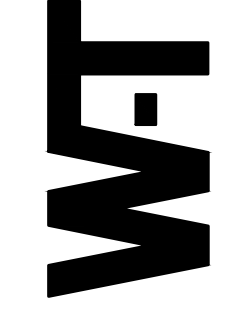
PUBLIC ACT 86-616 SETBACK EXHIBIT (PROPOSED DETENTION BASIN FROM 80TH AVENUE)



IDOT REQUIRED SETBACK (PUBLIC ACT 86-616) CASE III
 REQUIRED SETBACK = 10' + (1.5 X POND DEPTH)
 POND DEPTH (Hd) = 106.60' - 101.50' = 5.10'
 REQUIRED SETBACK = 10' + (1.5 X 5.10') = 17.65'
 PROVIDED SETBACK = 18.00'

NOTE: POND BOTTOM AT OUTLET FLARED END SECTION ELEVATION = 101.50'
 POND DEPTH (Hd) = 106.60' - 101.50' = 5.10'
 POND OVERFLOWS TO 80TH AVENUE ROW (EAST) THROUGH WEIR AT ELEVATION = 106.20'

WT-CIVIL JOB# CE14144
W-T CIVIL ENGINEERING, LLC.
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 www.wtengineering.com
 IL License No.: 184-003492 Exp: 04/30/17



Speedway®
 Prepared by:
 Engineering and Construction Dept.
 Erion, OH 45323

NO.	REVISIONS	DATE	BY	CHKD.
1	DATE PLAN CHANGE			
2	DATE PLAN CHANGE			
3	FOR THE COUNTY OF DEARBORN			
4	FOR MAKE COMMENTS			

IDOT DETAILS
DIESEL EXPANSION
 18460 80TH AVENUE
 WILL COUNTY
 TINLEY PARK, IL

STORE OR BLDG NO. 0001413
 VERSION OR AFE NO. 85926
 SCALE 0
NOT TO SCALE

DESIGN TEAM	DATE
DGNR. J. GLASCOTT	02/06/15
P-MGR. R. YOST	02/06/15
RVMR. T. ABRAMS	02/06/15
DRWG. NO.	1413 IDOT2

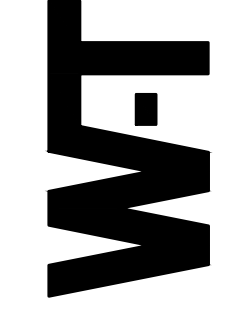
MWRD General Notes

1. The MWRD Local Sewer Systems Section Field Office must be notified at least two (2) working days prior to the commencement of any work. The Field Office phone number is 708-588-4055.
2. Elevation datum is _____ Conversion equation _____
3. The MWRD considers 0.00 Chicago City Datum (CCD) to be 579.48 MSL 1929 Adjustment.
4. All floor drains shall discharge to the sanitary sewer.
5. All downspouts and footing drains shall discharge to the storm sewer system.
6. All sanitary sewer construction (and storm sewer construction in combined sewer areas) requires stone bedding with stone ¾ inch to 1 inch in size, with minimum bedding thickness equal ¼ the outside diameter of the sewer pipe, but not less than four (4) inches nor more than eight (8) inches. Material shall be IDOT gradation CA-11 or CA-13 and shall be extended at least 12 inches above the top of the pipe when PVC pipe is used. Ductile iron does require stone bedding. If a concrete cradle or encasement is provided, bedding can be eliminated.
7. A non-shear mission coupling shall be used for the connection of sewer pipes of dissimilar materials.
8. When connecting to an existing sewer main by other than an existing wye, tee or an existing manhole, one of the following methods shall be used:
 - Using a circular coring machine, core drill an opening into the existing pipe and install a saddle or prefabricated tee.
 - Remove an entire section of the pipe breaking only the top of one bell and replace with a wye or tee branch section.
 - With a pipe cutter, neatly and accurately cut out desired length of pipe for insertion of proper fitting, using a non-shear mission coupling to hold it firmly in place.
9. Whenever a sanitary/combined sewer crosses under a water main, the minimum vertical distance from the top of the sewer to the bottom of the water main shall be 18 inches. Furthermore, a minimum horizontal distance of 10 feet between sanitary/combined sewers and water mains shall be maintained unless the sewer is laid in a separate trench, keeping a minimum 18-inch vertical separation; or the sewer is laid in the same trench with the water main located on the opposite side on a bench of undisturbed earth, keeping a minimum 18-inch vertical separation. If either the vertical or horizontal distances described above cannot be maintained, or the sewer crosses above the water main, the sewer shall
10. All existing septic systems shall be abandoned. Abandoned tanks shall be filled with acceptable granular material and shall have their ends plugged with grout, or they shall be removed.
11. All sanitary manholes and storm manholes in combined sewer areas shall have a minimum inside diameter of 48 inches and shall be cast in place concrete or pre-cast reinforced concrete.
12. **Footing Drains.** Except for foundation/footing drains provided to protect buildings and for underdrains serving green infrastructure, drain tiles, field tiles, underdrains, and perforated pipes are not allowed to be connected to or tributary to combined sewers, sanitary sewers, or storm sewers tributary to combined sewers in combined sewer areas. Construction of new facilities of this type is prohibited; and all existing drain tiles and perforated pipes, other than those serving green infrastructure, encountered within the project area shall be plugged or removed, and shall not be connected to combined sewers, sanitary sewers, or storm sewers tributary to combined sewers.

WT-CIVIL JOB# CE14144

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Prepared By:
Engineering and Construction Dept.
Erion, OH 45323

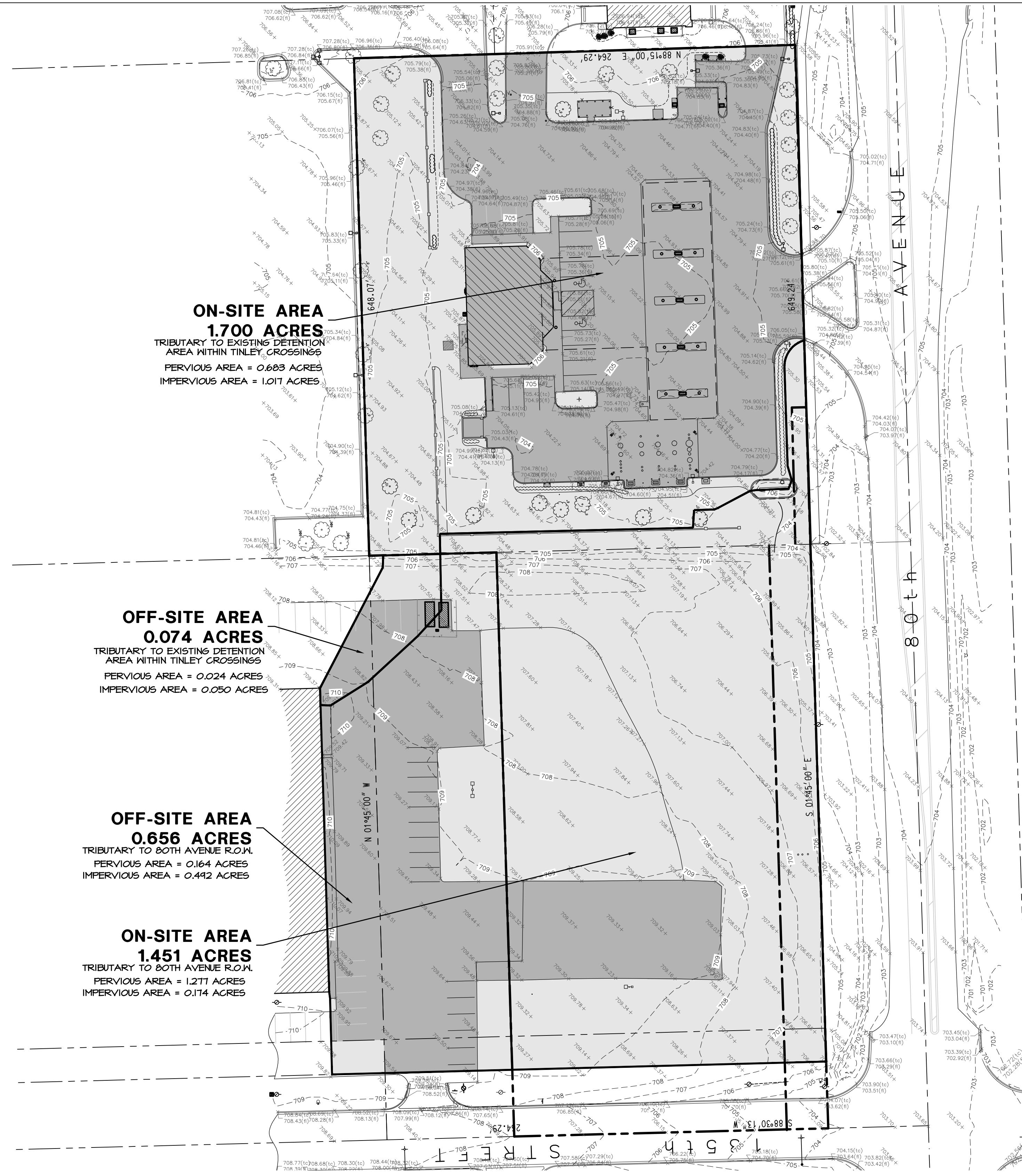
NO.	REVISIONS	REVISIONS			
		DATE	BY	CHKD	APP'D
1	DATE CHANGE				
2	DATE CHANGE				
3	FOR THE COUNTY OF HAMILTON				
4	FOR VALUE COMMENTS				

**SPECIFICATIONS
DIESEL EXPANSION**

18460 80TH AVENUE
WILL COUNTY
TIMLEY PARK, IL

STORE OR BLDG NO.	0001413
VERSION OR AFE NO.	85926
SCALE	0
NOT TO SCALE	
DESIGN TEAM	DATE
DGMR. J. GLASCOTT	02/06/15
P.MGR. R. YOST	02/06/15
RWR. T. ABRAMS	02/06/15
DRWG. NO.	1413 IDOT4

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ON-SITE AREA
1.700 ACRES
 TRIBUTARY TO EXISTING DETENTION
 AREA WITHIN TINLEY CROSSINGS
 PERVIOUS AREA = 0.683 ACRES
 IMPERVIOUS AREA = 1.017 ACRES

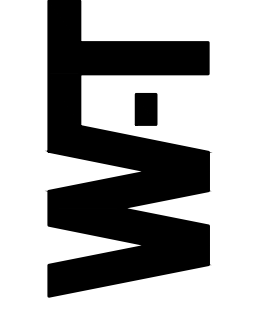
OFF-SITE AREA
0.074 ACRES
 TRIBUTARY TO EXISTING DETENTION
 AREA WITHIN TINLEY CROSSINGS
 PERVIOUS AREA = 0.024 ACRES
 IMPERVIOUS AREA = 0.050 ACRES

OFF-SITE AREA
0.656 ACRES
 TRIBUTARY TO 80TH AVENUE R.O.W.
 PERVIOUS AREA = 0.164 ACRES
 IMPERVIOUS AREA = 0.492 ACRES

ON-SITE AREA
1.451 ACRES
 TRIBUTARY TO 80TH AVENUE R.O.W.
 PERVIOUS AREA = 1.211 ACRES
 IMPERVIOUS AREA = 0.114 ACRES

PERVIOUS	HATCH
IMPERVIOUS	

WT-CIVIL JOB# CE14144
W-T CIVIL ENGINEERING, LLC.
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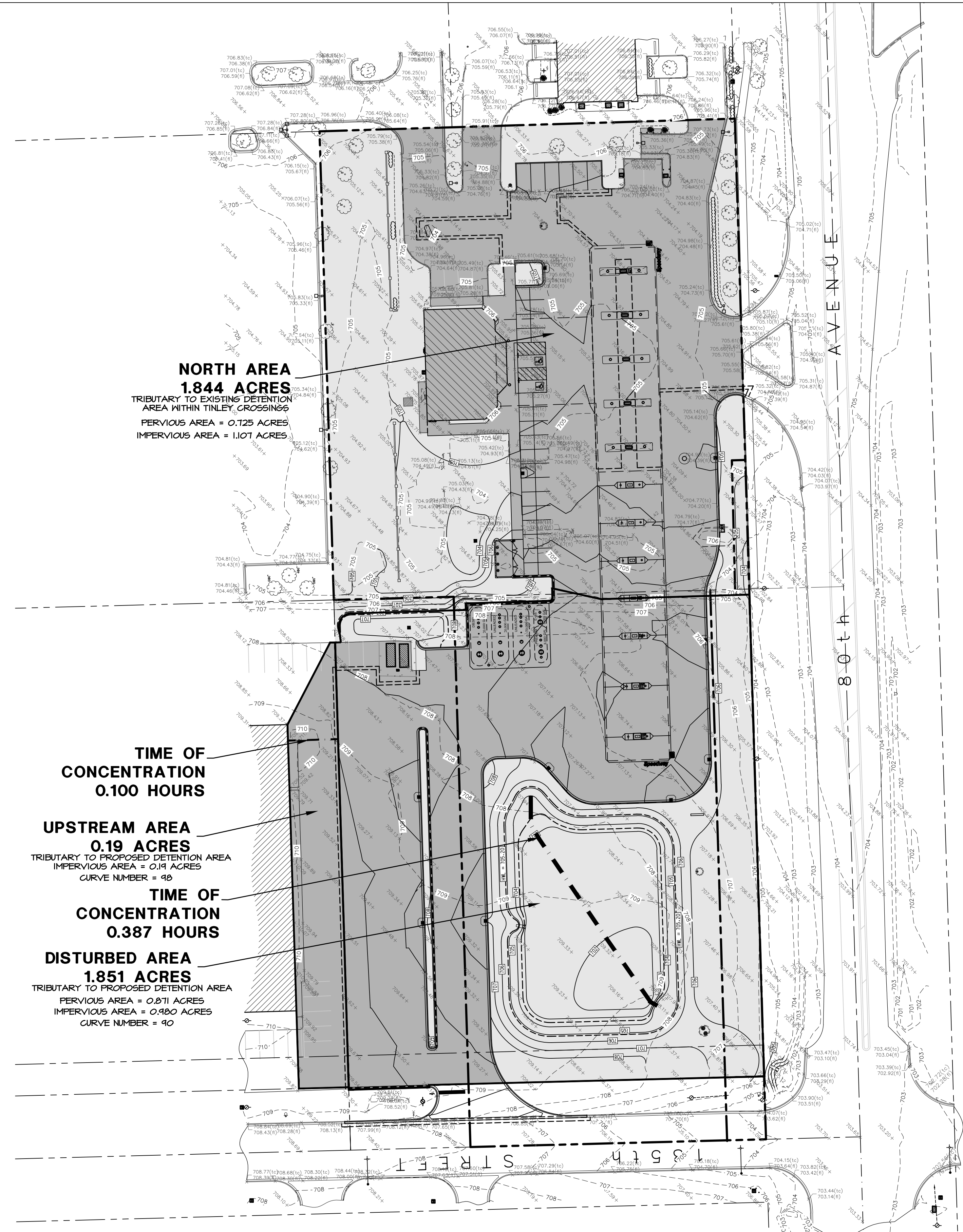
Speedway®
 Prepared By:
 Engineering and Construction Dept.
 Erion, OH 45323

NO.	DATE	DESCRIPTION	BY	CHKD.
1	06-25-2015	ISSUE FOR PERMITS	J. GLASCOTT	J. GLASCOTT
2	07-15-2015	ISSUE FOR PERMITS	J. GLASCOTT	J. GLASCOTT
3	07-15-2015	ISSUE FOR PERMITS	J. GLASCOTT	J. GLASCOTT
4	07-15-2015	ISSUE FOR PERMITS	J. GLASCOTT	J. GLASCOTT

EXISTING CONDITIONS EXHIBIT
DIESEL EXPANSION
 18460 80TH AVENUE
 WILL COUNTY
 TINLEY PARK, IL

STORE OR BLDG NO.	0001413
VERSION OR AFE NO.	85926
SCALE	1" = 40'-0"
DESIGN TEAM	DATE
DGNR. J. GLASCOTT	02/06/15
P. MGR. R. YOST	02/06/15
R. WR. T. ABRAMS	02/06/15
DRWG. NO.	1413 EX-1





NORTH AREA
1.844 ACRES
 TRIBUTARY TO EXISTING DETENTION
 AREA WITHIN TIMLEY CROSSINGS
 PERVIOUS AREA = 0.725 ACRES
 IMPERVIOUS AREA = 1.107 ACRES

**TIME OF
 CONCENTRATION**
0.100 HOURS

UPSTREAM AREA
0.19 ACRES
 TRIBUTARY TO PROPOSED DETENTION AREA
 IMPERVIOUS AREA = 0.19 ACRES
 CURVE NUMBER = 90

**TIME OF
 CONCENTRATION**
0.387 HOURS

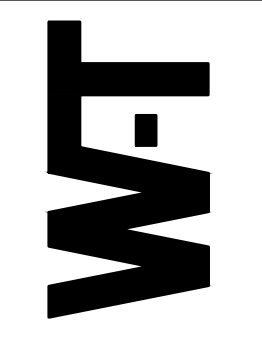
DISTURBED AREA
1.851 ACRES
 TRIBUTARY TO PROPOSED DETENTION AREA
 PERVIOUS AREA = 0.871 ACRES
 IMPERVIOUS AREA = 0.980 ACRES
 CURVE NUMBER = 90

PERVIOUS	HATCH
IMPERVIOUS	

TC PATH — — — — —



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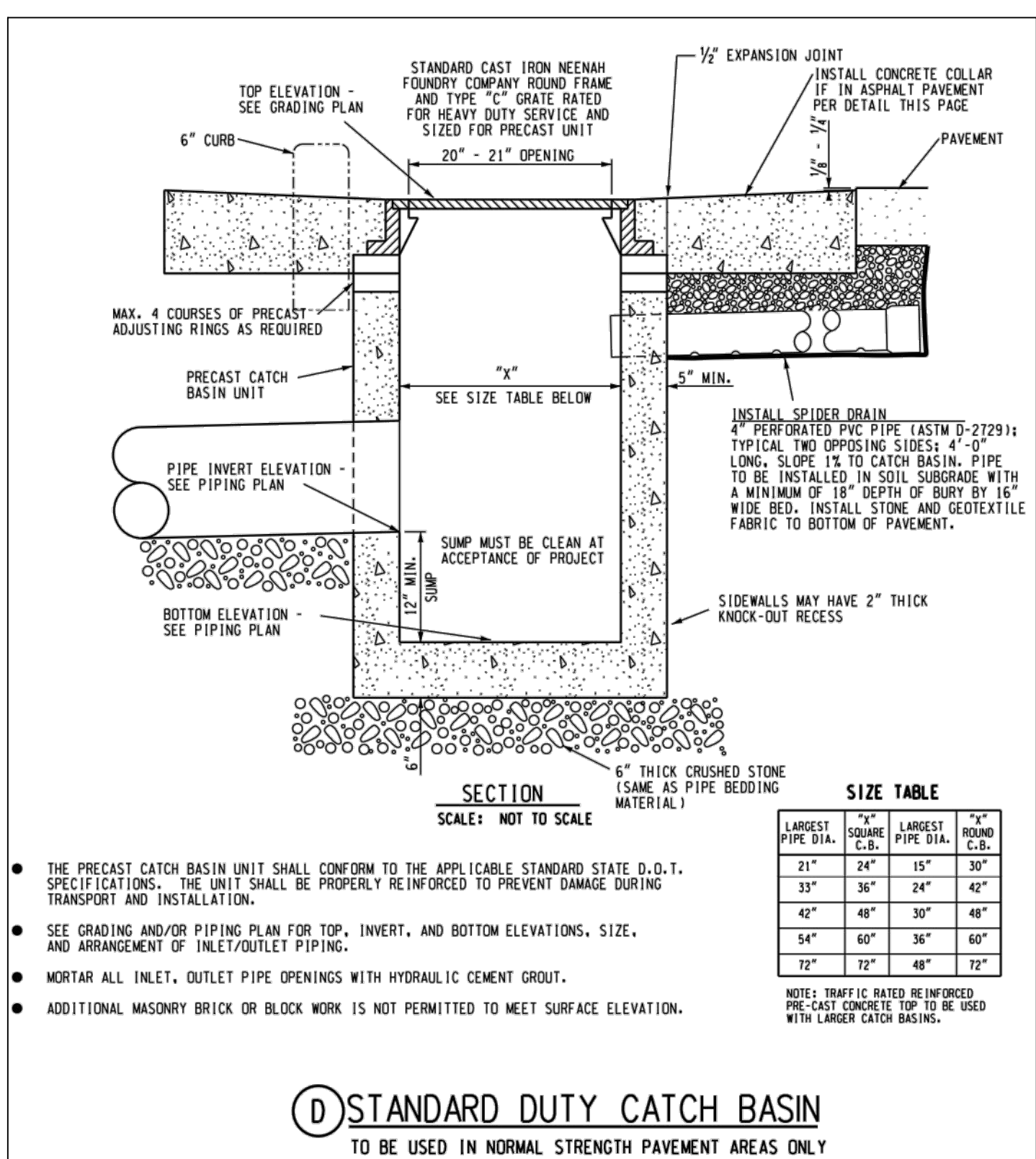
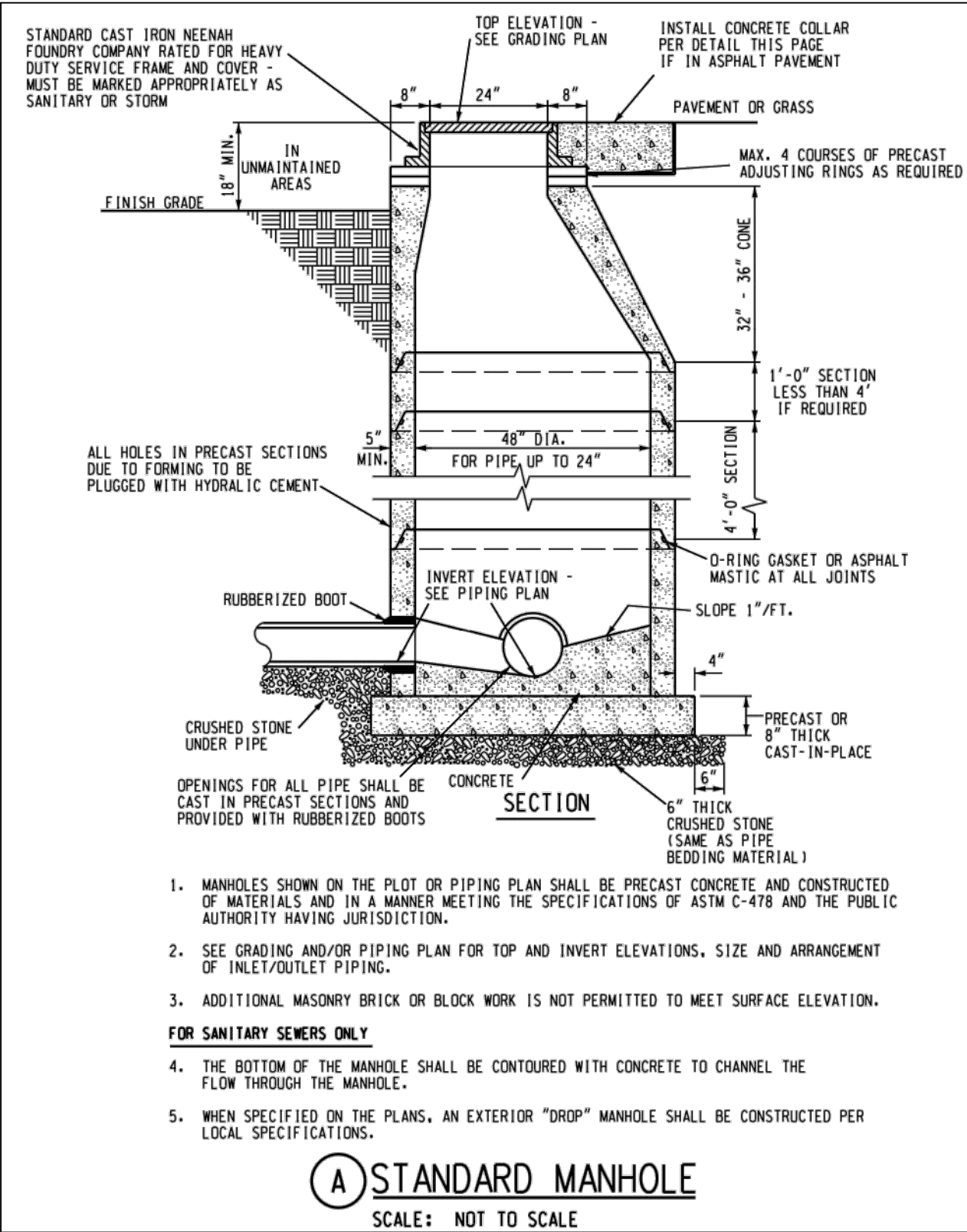
Speedway®
 Prepared By:
 Engineering and Construction Dept.
 Erion, OH 45323

NO.	DATE	DESCRIPTION	BY	CHKD
1	05-20-2013	PRELIMINARY	J. GLASCOTT	
2	06-20-2013	REVISED PER COMMENTS	J. GLASCOTT	
3	07-10-2013	REVISED PER COMMENTS	J. GLASCOTT	
4	07-29-2013	REVISED PER COMMENTS	J. GLASCOTT	

PROPOSED CONDITIONS EXHIBIT
DIESEL EXPANSION
 18460 80TH AVENUE
 WILL COUNTY
 TIMLEY PARK, IL

STORE OR BLDG NO. **0001413**
 VERSION OR AFE NO. **85926**
 SCALE 0' 40'
1" = 40'-0"
 DESIGN TEAM DATE
 DGNR. J. GLASCOTT 02/06/15
 P-MGR. R. YOST 02/06/15
 RWR. T. ABRAMS 02/06/15
 DRWG. NO. **1413 EX-2**

DRAINAGE & UTILITY DETAILS



GEOTEXTILE FABRIC SPECIFICATIONS
8 OZ. NONWOVEN NEEDLE PUNCHED FABRIC; AMCCO 4553, PHILLIPS SUPAC 6MP, OR EQUAL

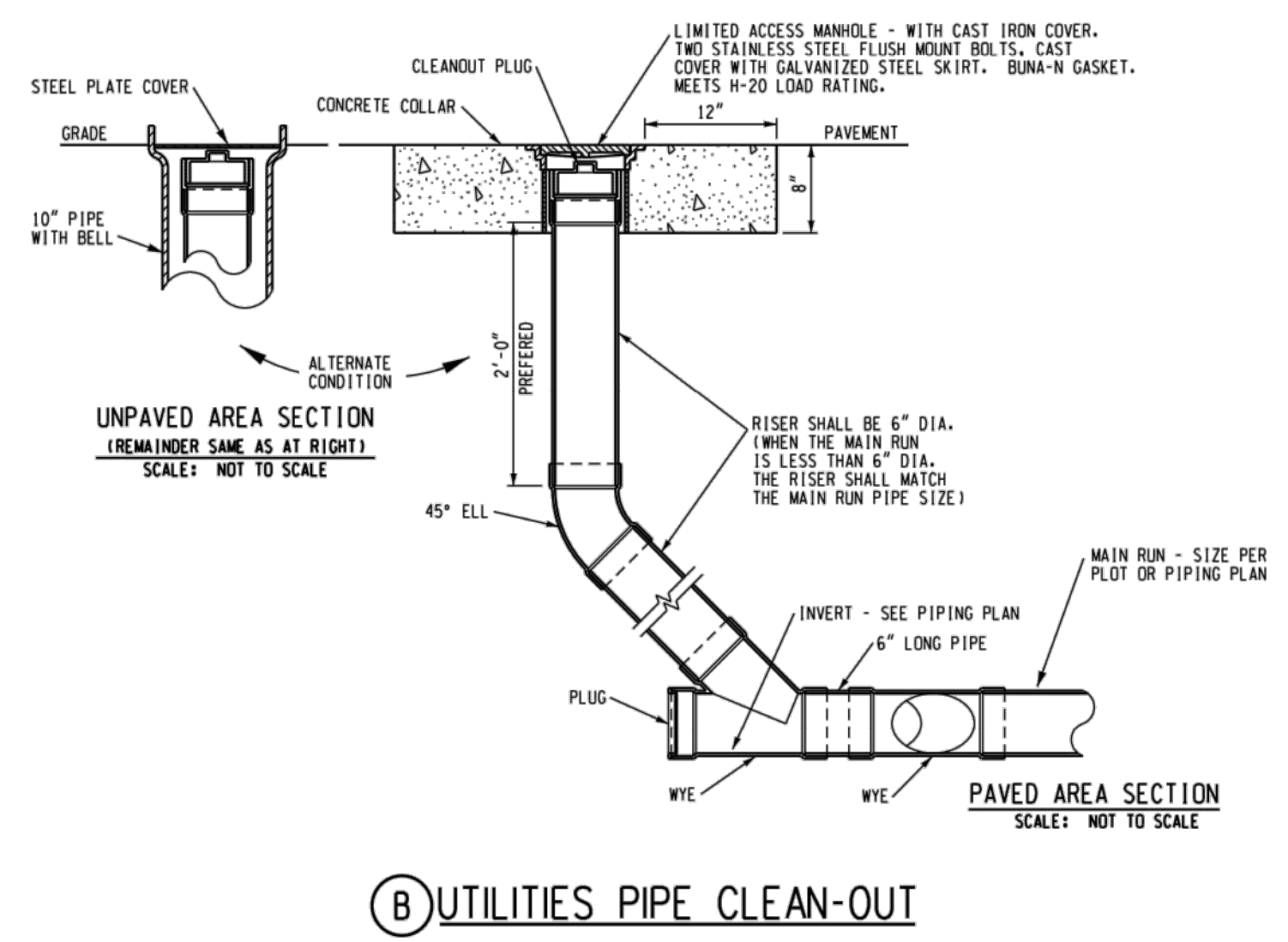
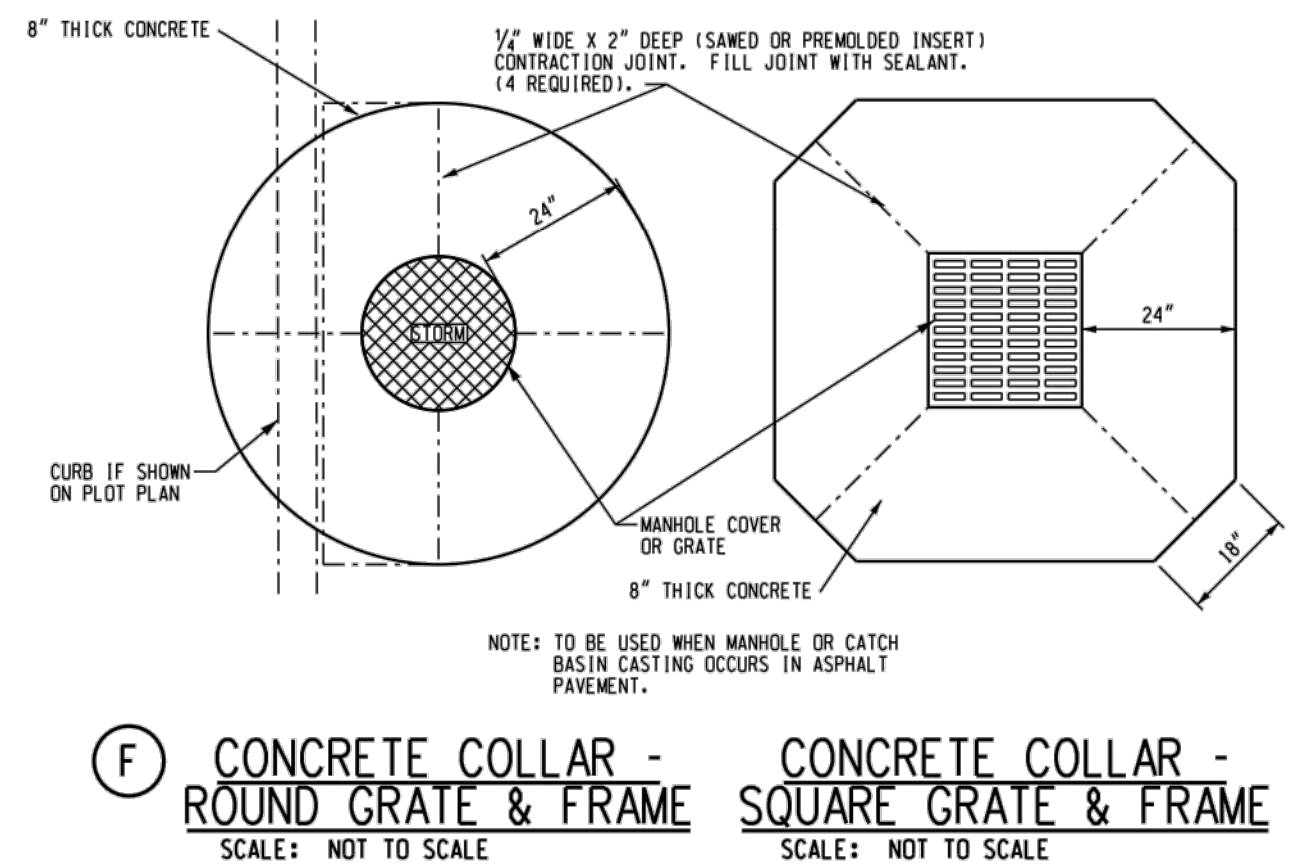
GENERAL NOTES:

- ALL STORM AND SANITARY PIPING SHALL BE THE SIZE AND TYPE SHOWN ON THE GRADING OR PIPING PLAN, AND SHALL CONFORM TO THE ASTM AND AASHTO STANDARD SPECIFICATIONS LISTED HERE, UNLESS OTHERWISE REQUIRED BY GOVERNING AUTHORITIES.
- CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF DIVISION 15 OF MARATHON PETROLEUM'S STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO STARTING ANY BELOW GRADE WORK TO LOCATE UNDERGROUND FACILITIES.
- ALL SANITARY SEWERS SHALL HAVE "PREMIUM" SEALED JOINTS. STORM SEWERS WITHIN 20' OF HYDROCARBON PRODUCT PIPING OR UNDERGROUND TANKS SHALL HAVE "PREMIUM SEALED JOINTS."
- THE PIPE INVERT SHALL BE STRAIGHT LINE GRADED BETWEEN ELEVATIONS SHOWN ON THE PLAN.
- PIPE SHALL BE LAID FROM THE LOWER ELEVATION TO THE HIGHER ELEVATION.
- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
- PIPING TO BE MIN. 6" BELOW PAVEMENT THICKNESS (INCLUDING BASE).
- SEE DRAWING STD-SB-1 FOR CANOPY DOWNSPOUT DRAIN DETAILS.

MINIMUM DEPTH OF BURY:
(SEE NOTE *8)
PVC 18"
RCP 15"
HDPE 12"

PIPE SLOPES

Pipe Diameter (Inches)	MINIMUM PIPE SLOPE (%)			MAXIMUM PIPE SLOPES (%)		
	POLY-VINYL CHLORIDE (PVC) 0.010	SMOOTH LINED CORRUGATED HDPE 0.012	REINFORCED CONCRETE (RCP) & DUCTILE IRON (DIP) 0.013	POLY-VINYL CHLORIDE (PVC) 0.010	SMOOTH LINED CORRUGATED HDPE 0.012	REINFORCED CONCRETE (RCP) & DUCTILE IRON (DIP) 0.013
4	0.81	1.44	1.69	8.98	15.96	18.73
6	0.47	0.84	0.98	5.23	9.30	10.91
8	0.32	0.57	0.67	3.56	6.33	7.43
10	0.24	0.42	0.50	2.65	4.70	5.52
12	0.19	0.33	0.39	2.08	3.69	4.33
15	0.14	0.25	0.29	1.54	2.74	3.22
18	0.11	0.19	0.23	1.21	2.15	2.52
21	0.09	0.16	0.18	0.98	1.75	2.05
24	0.07	0.13	0.15	0.82	1.46	1.72
27	0.06	0.11	0.13	0.70	1.25	1.47
30	0.06	0.10	0.11	0.61	1.09	1.28
36	0.04	0.08	0.09	0.48	0.85	1.00
48	0.03	0.05	0.06	0.33	0.58	0.68
60	0.02	0.04	0.05	0.24	0.43	0.51



PIPE SPECIFICATIONS

TYPE OF PIPE	"n" VALUES	SIZES PERMITTED	SEVICE AND USE	PIPE SPECIFICATION	INSTALLATION SPECIFICATION	JOINT SPECIFICATION	PREMIUM JOINTS (SEE NOTE *4)
POLY-VINYL CHLORIDE (PVC)	0.01	4" - 6" 8" - 12"	SANITARY SEWER STORM DRAINAGE	ASTM D-3034 SDR 26 STANDARD SPECIFICATION FOR REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE	ASTM D-2321 STANDARD PRACTICE FOR INSTALLATION OF FLEXIBLE THERMOPLASTIC SEWER PIPE CLASS 1 BEDDING FOR PAVED AREAS WHEN OUTLETTING TO SURFACE GRADE FLARED END SECTION MUST BE USED	ASTM D-3212 STANDARD SPECIFICATION FOR JOINTS FOR DRAIN AND SEWER PLASTIC PIPES USING FLEXIBLE ELASTOMERIC SEALS	ASTM F-477 ELASTOMERIC SEALS FOR JOINTING PLASTIC PIPE (OIL RESISTANT) HIGH NITRILE (NBR), EPICHLOROHYDRIN (ECO), NEOPRENE (CR), POLYSULFIDE (T), OR FLUORO ELASTOMER (FFM)
REINFORCED CONCRETE (RCP)	0.013	12" DIA. AND LARGER	STORM DRAINAGE	ASTM C-76 CLASS 4 - WALL B-TONGUE AND GROOVE STANDARD SPECIFICATION FOR REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE	CLASS B BEDDING FOR PAVED AREAS WHEN OUTLETTING TO SURFACE GRADE FLARED END SECTION MUST BE USED	BITUMINOUS MASTIC	ASTM C-443 STANDARD SPECIFICATION FOR JOINTS FOR CIRCULAR CONCRETE SEWER AND CULVERT PIPE, USING RUBBER GASKETS (OIL RESISTANT)
SMOOTH LINED CORRUGATED HDPE N-12 BY ADVANCED DRAINAGE SYSTEMS (800) 733-9554	0.012	8" AND LARGER	STORM DRAINAGE	AASHTO M294-S	ASTM D-2321 CLASS 1 BEDDING FOR PAVED AREAS	STANDARD COUPLERS (PRO LINK) USE GASKET IN FINE SOILS	PVC DOUBLE BELL COUPLER WITH GASKET (PRO LINK 10.8) AVAILABLE THROUGH 24"
SMOOTH LINED CORRUGATED HDPE SURE-LOK BY HANCOCK (800) 537-9520	0.012	12" AND LARGER	STORM DRAINAGE	AASHTO M294-S	ASTM D-2321 CLASS 1 BEDDING FOR PAVED AREAS	BELL & SPIGOT WITH GASKET (SURE-LOK)	BELL & SPIGOT WITH POLYISOPRENE GASKET (SURE-LOK 10.8) AVAILABLE THROUGH 30"
DUCTILE IRON (DI)	0.012	4" - 12"	SPECIAL	ASTM A-746 CLASS 52 STANDARD SPECIFICATION FOR DUCTILE IRON GRAVITY SEWER PIPE	TYPE 5 BEDDING FOR PAVED AREAS	RUBBER GASKET COMPRESSION TYPE JOINT	GASKET TO BE OIL RESISTANT NITRILE-BUTADIENE (NBR)
POLYETHYLENE (PE)	0.010	4" - 6"	UNDERDRAINS AND SEPTIC DISPOSAL FIELDS ONLY	ASTM F-405 STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE TUBING AND FITTINGS	SEE UNDERDRAIN DETAIL	STANDARD COUPLINGS	N/A

Speedway
Prepared by:
Engineering and Construction Dept.
Erion, OH 45123

REVISIONS

NO.	DATE	DESCRIPTION
1	10/11/11	REVISION OUTLET CONTROL STRUCTURE

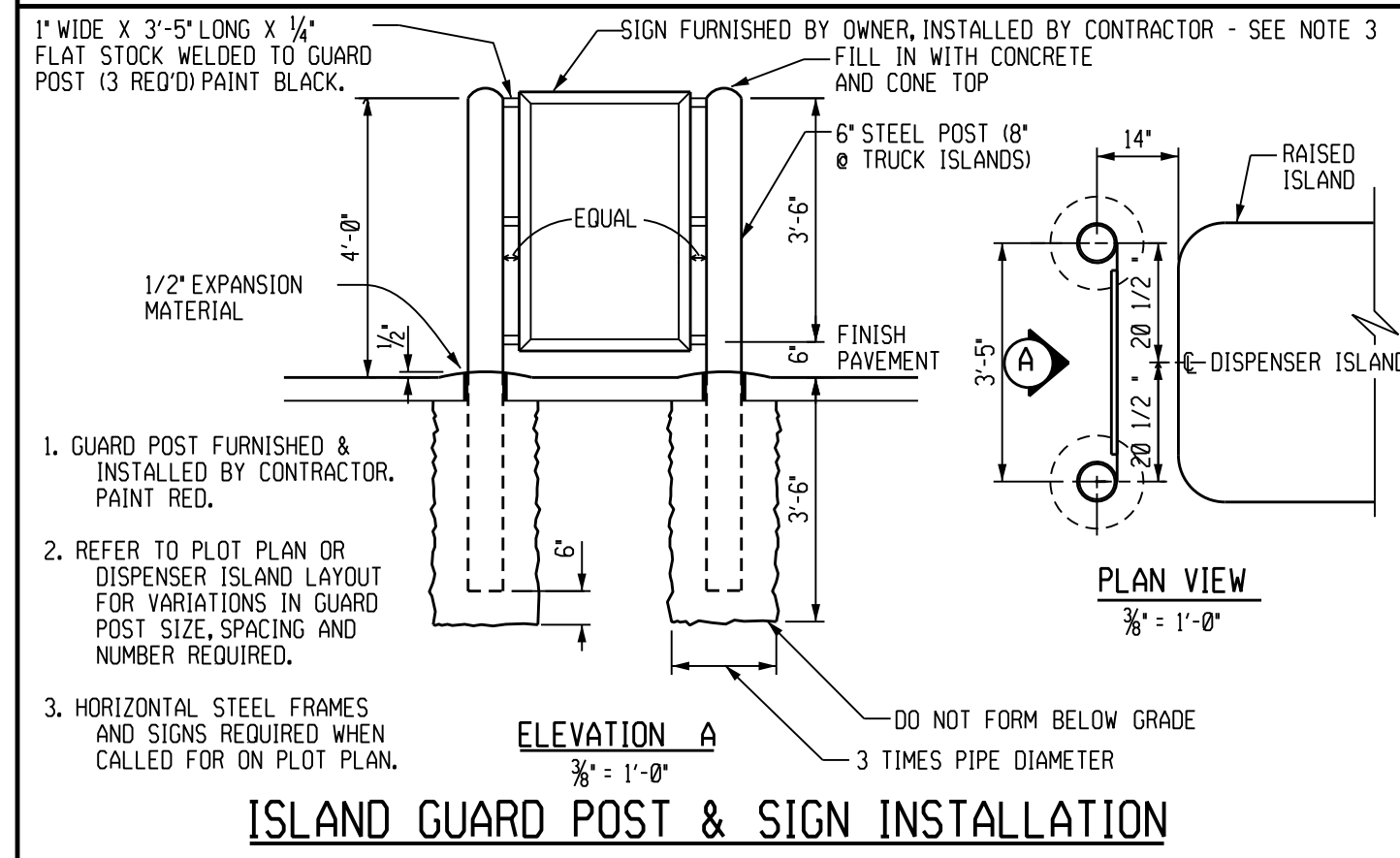
TYPICAL SERVICE STATION
DRAINAGE & UTILITY DETAILS & SPECIFICATIONS

SCALE: 0 AS SHOWN

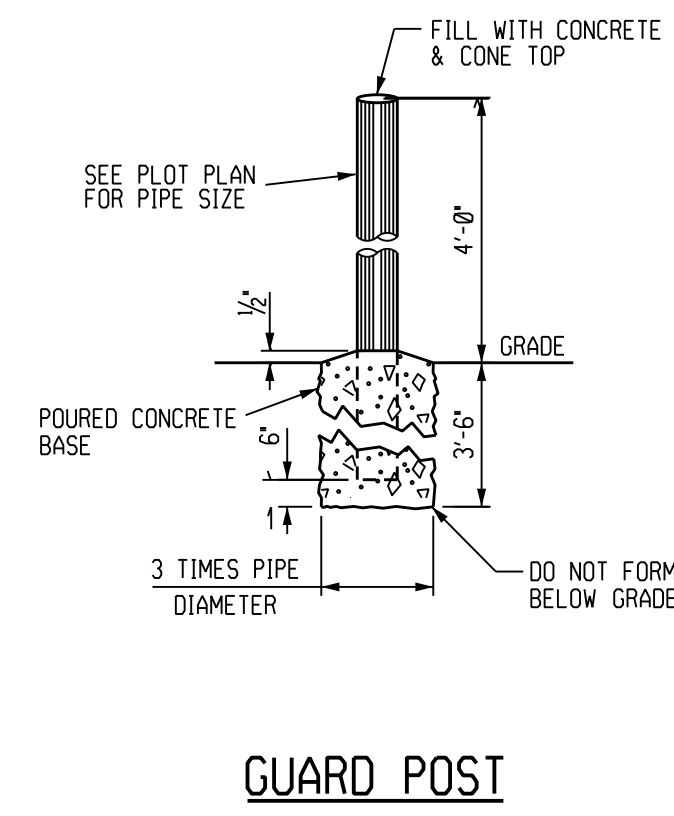
DESIGN TEAM	DATE
DGNR. E. SWEAT	11-14-06
P.MGR. J. FRYE	11-14-06
RWR. D.ERFORD	11-14-06

DRWG. NO. 1413 PS-1

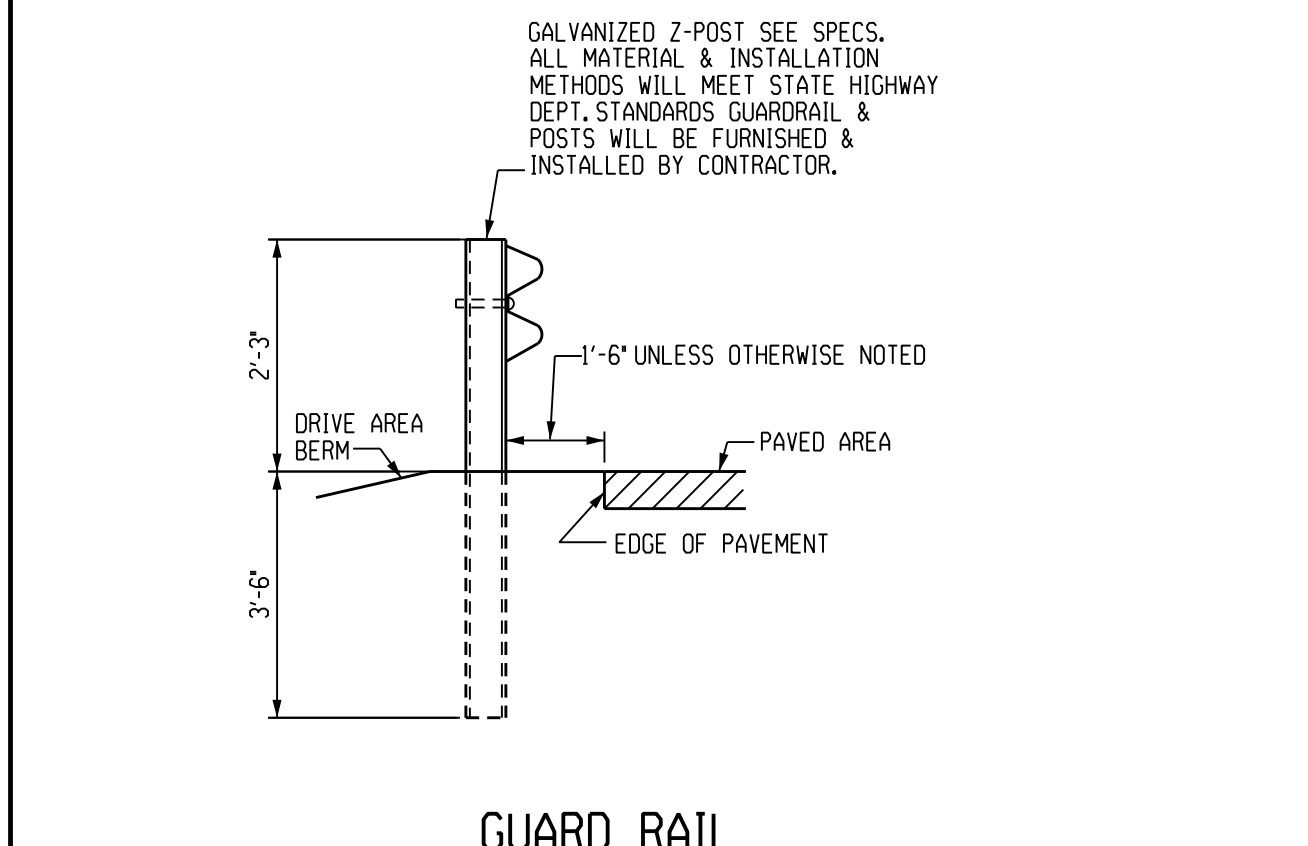
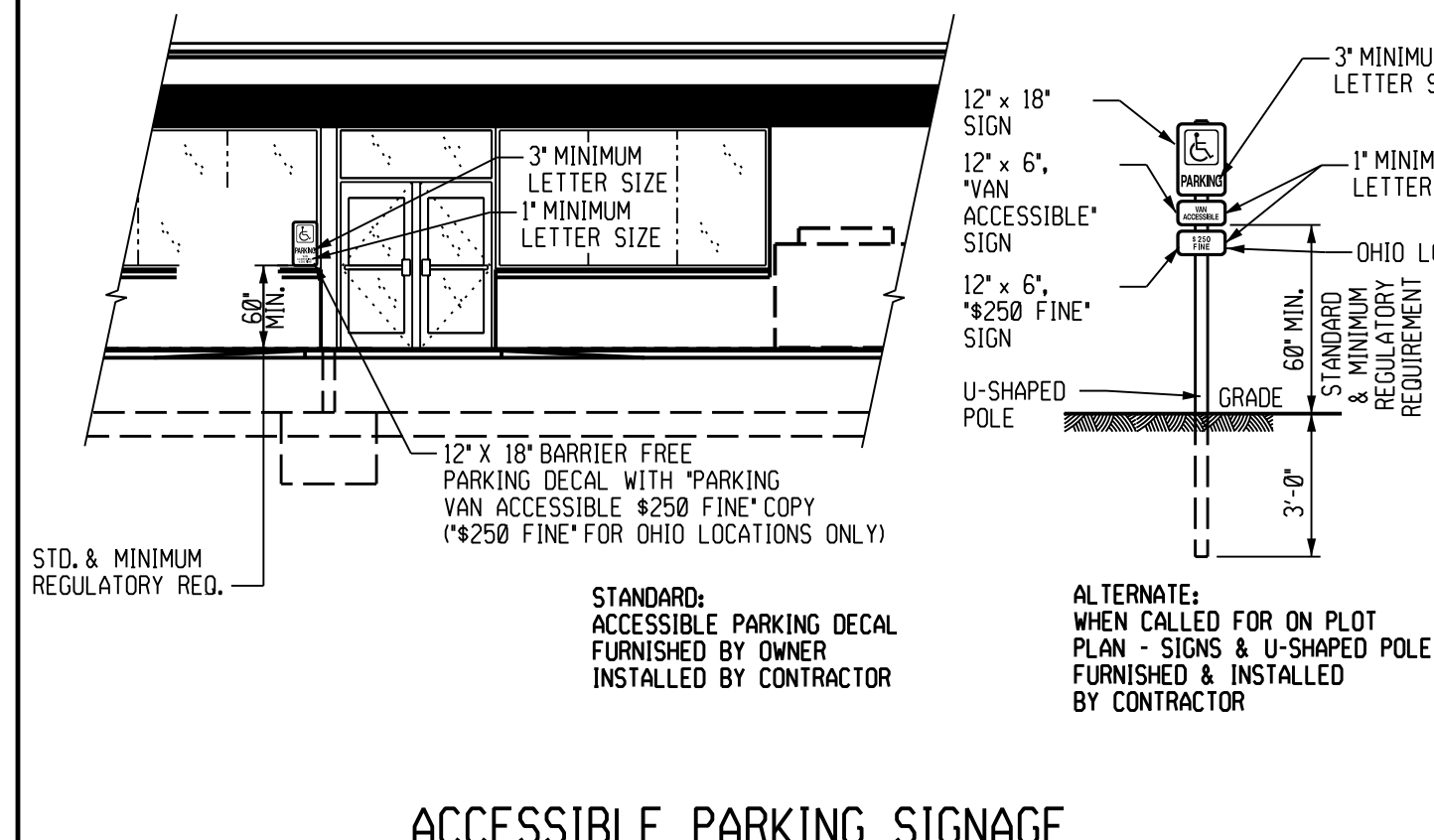
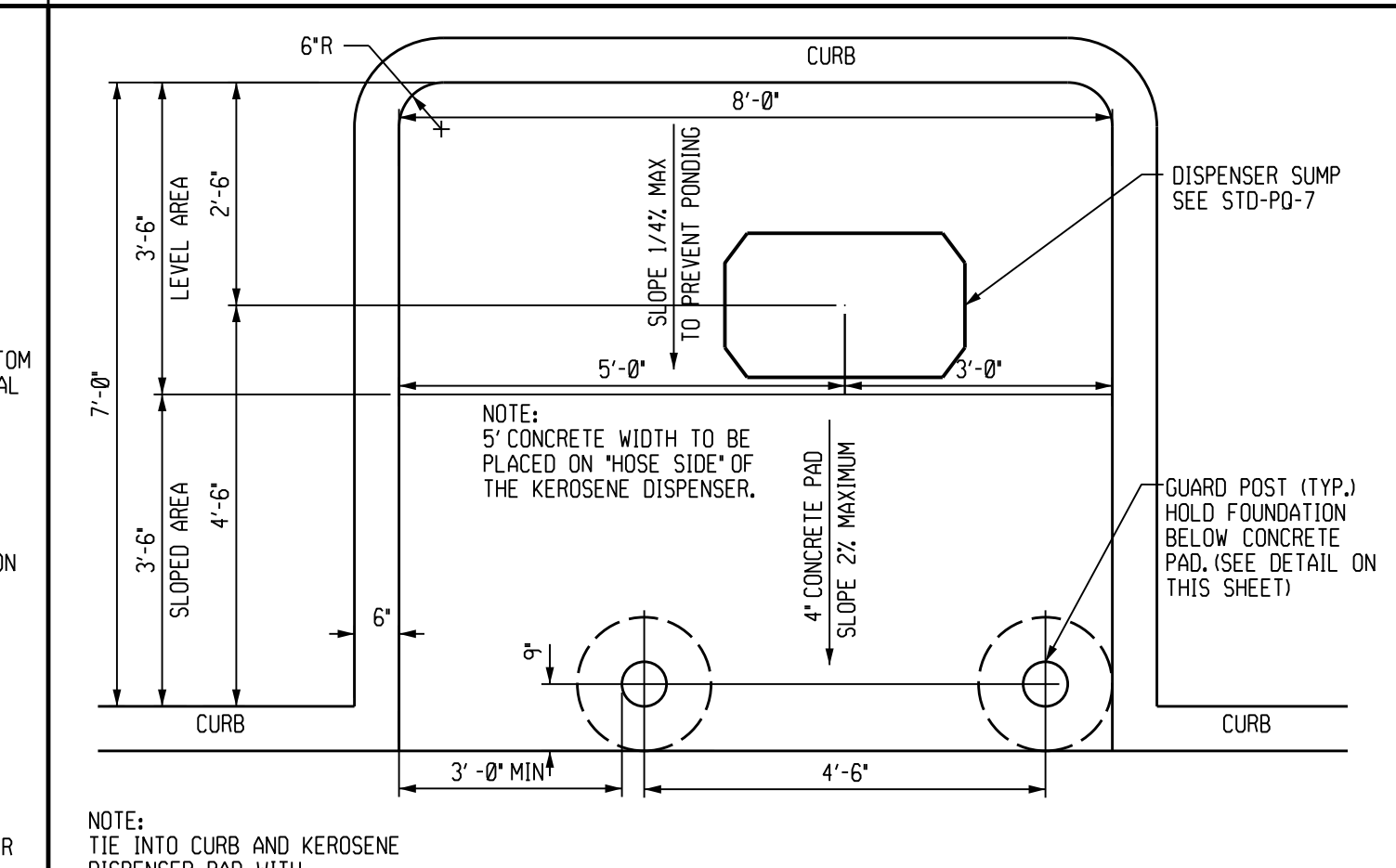
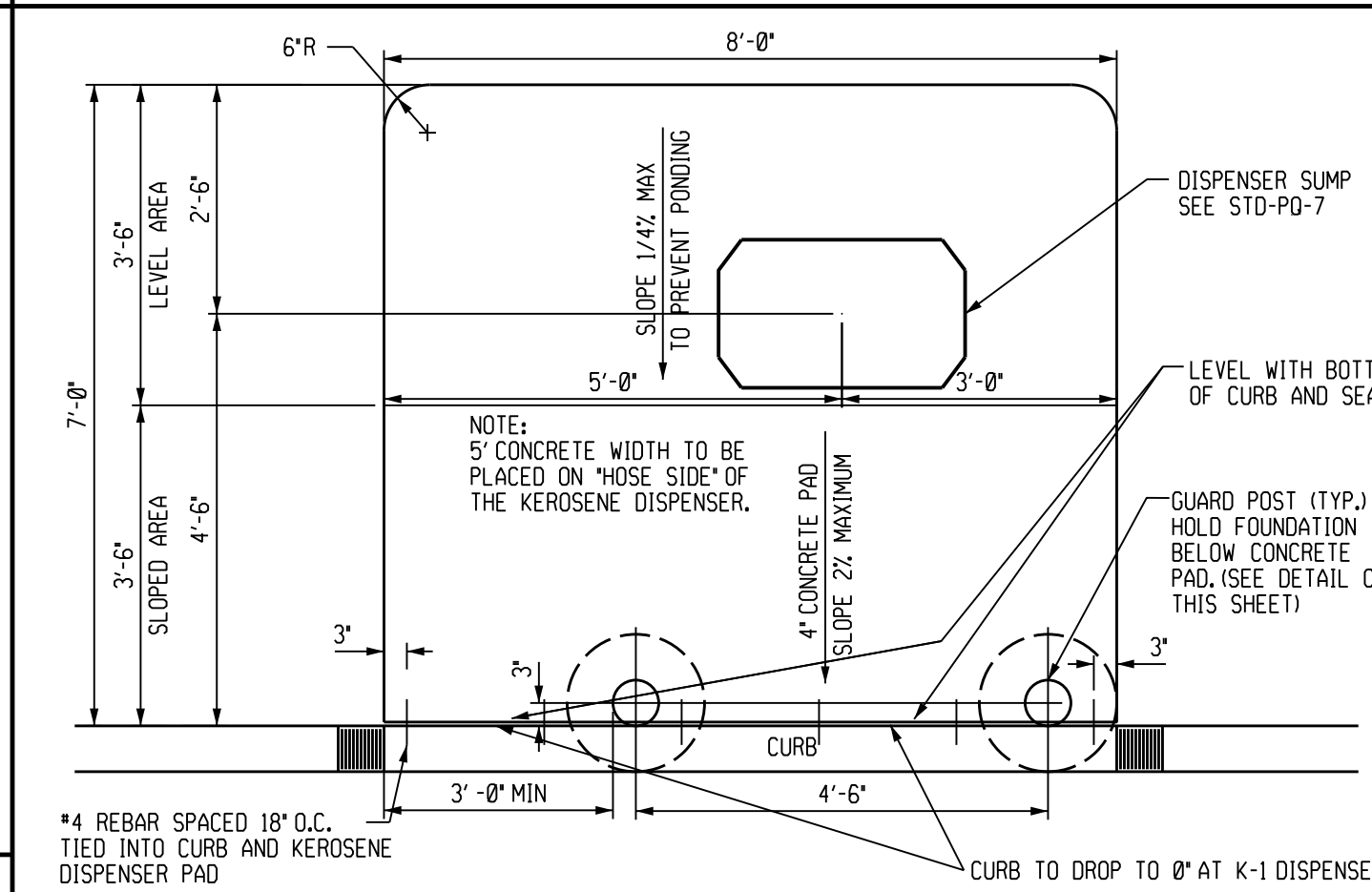
AREA YARD SIGN DETAILS



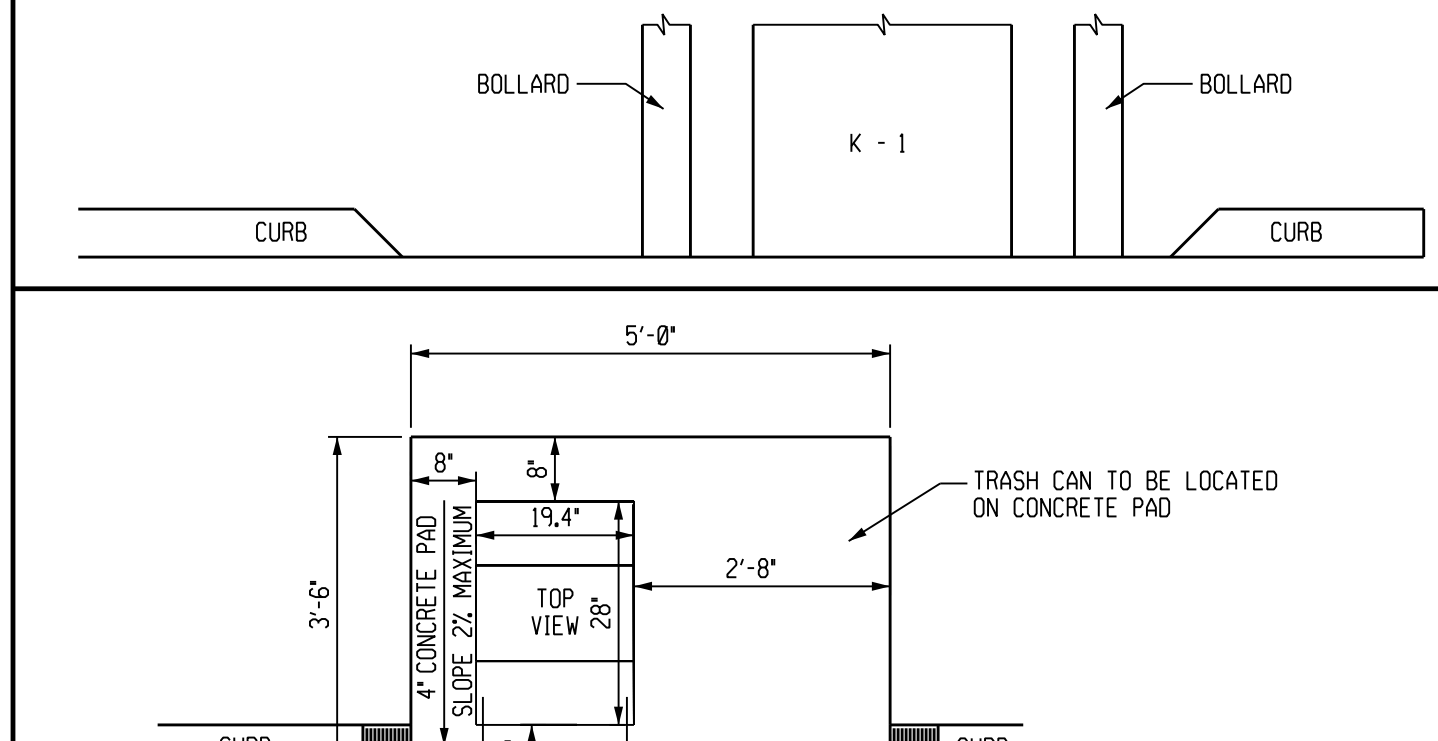
AREA YARD GUARDS



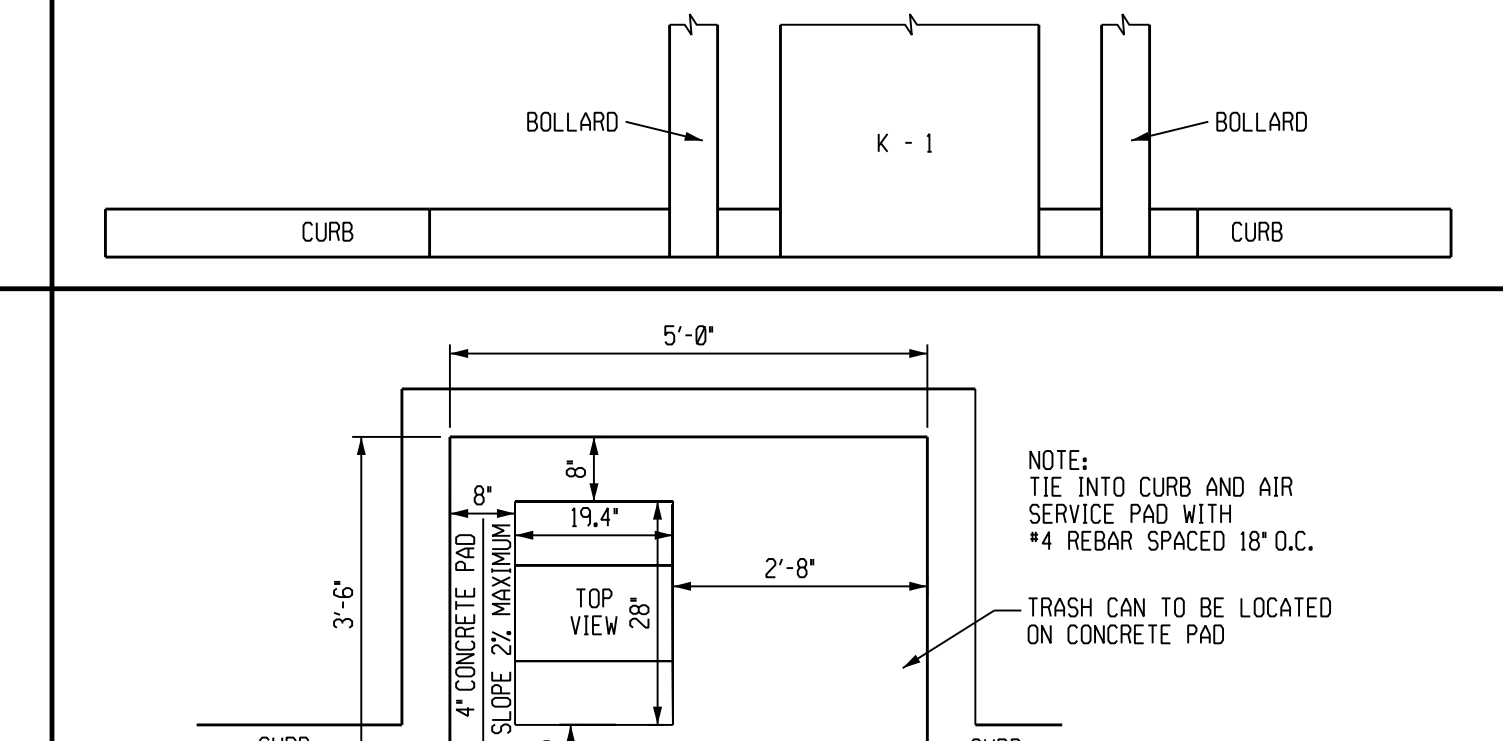
YARD EQUIPMENT AND FOUNDATION DETAILS



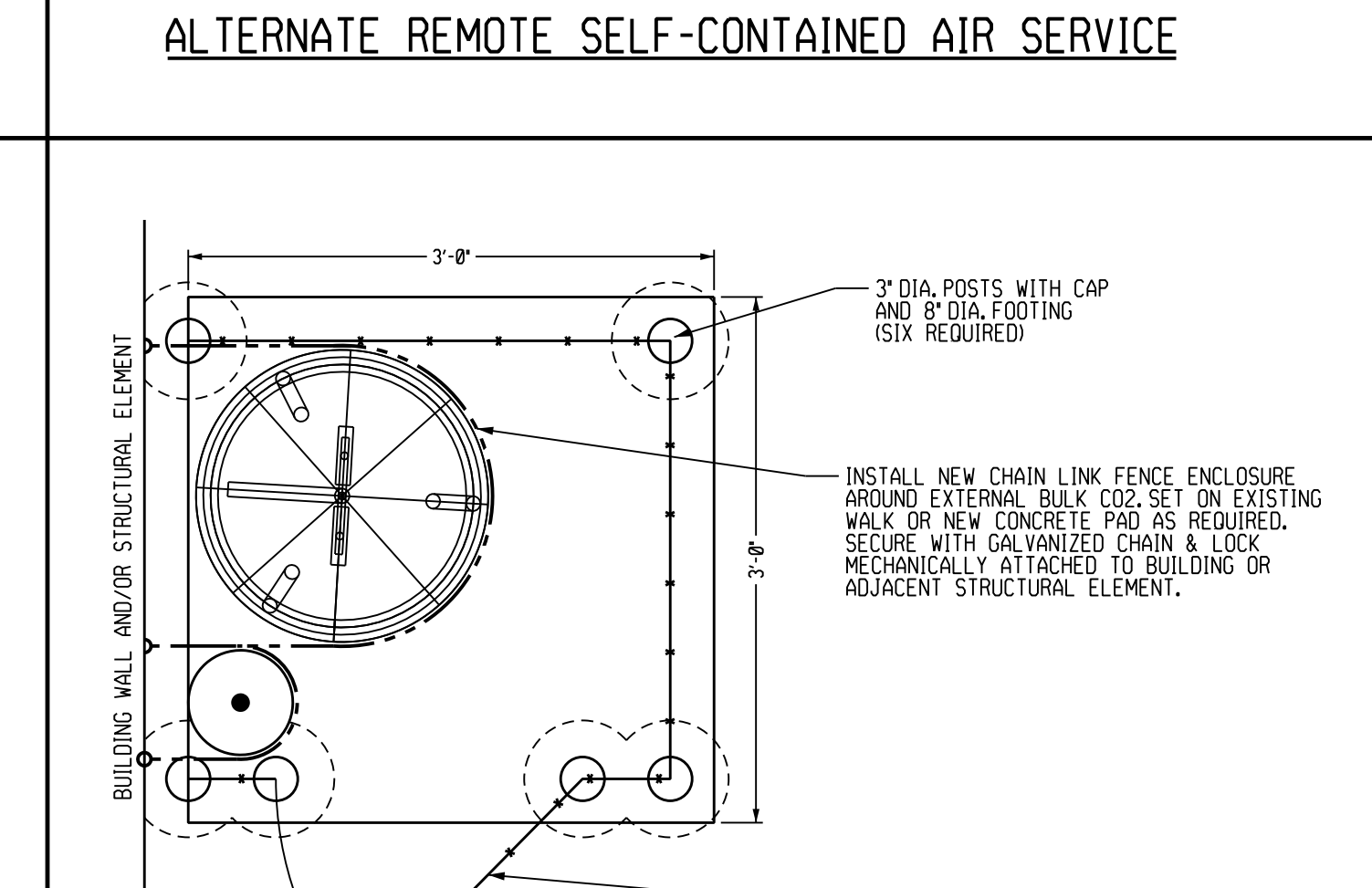
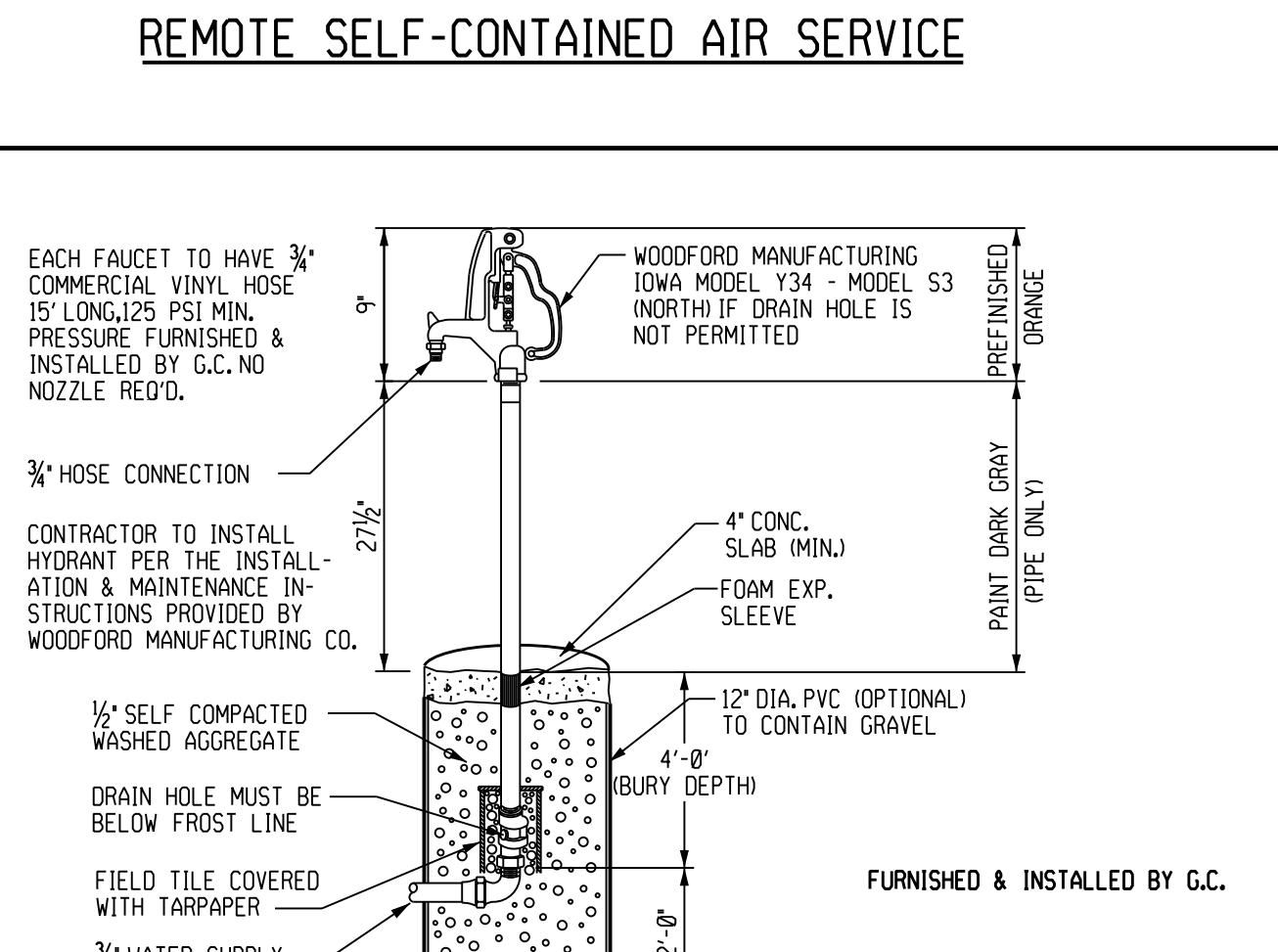
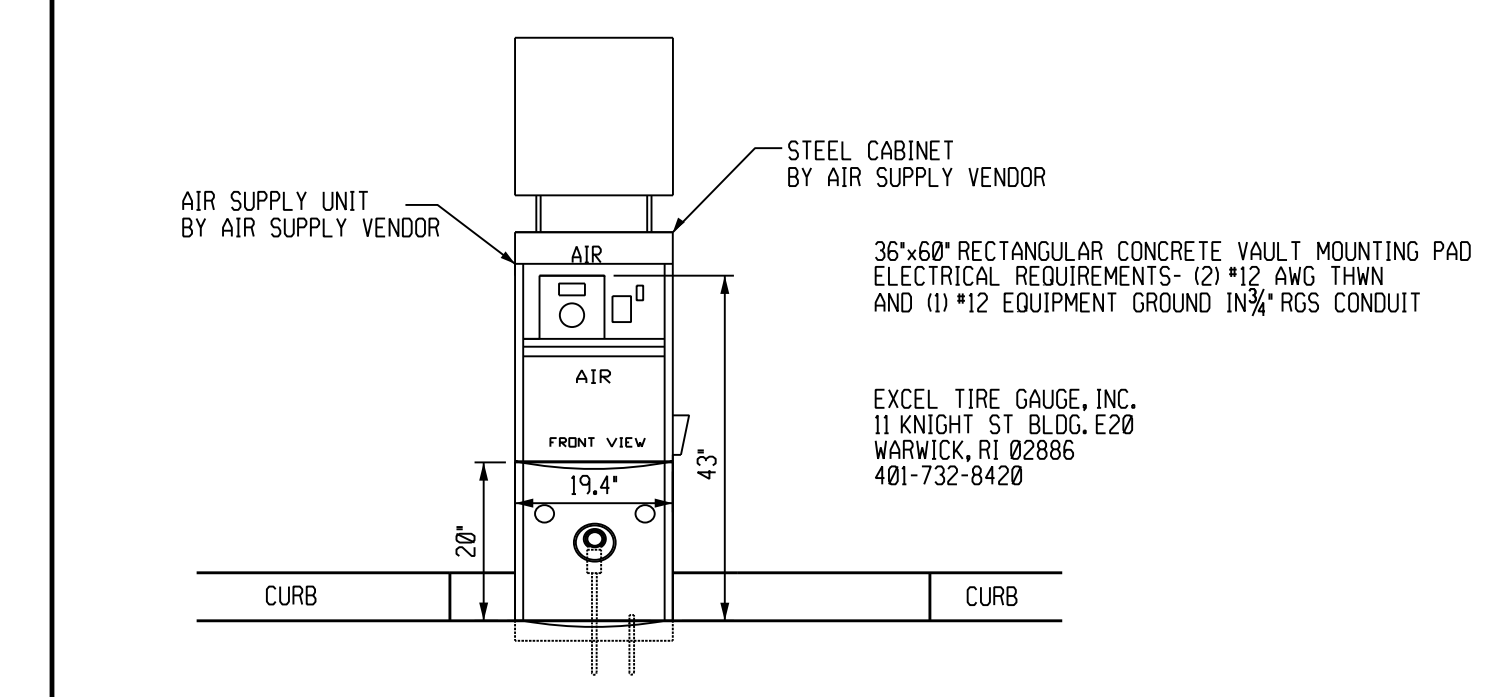
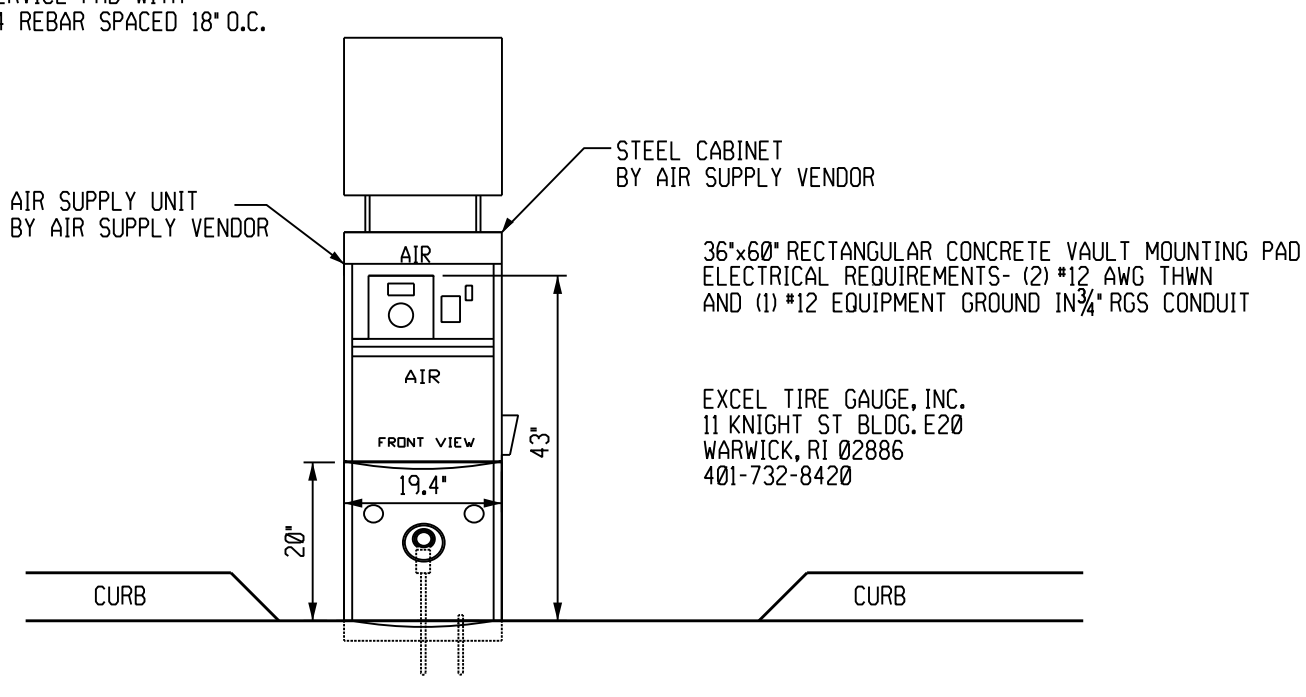
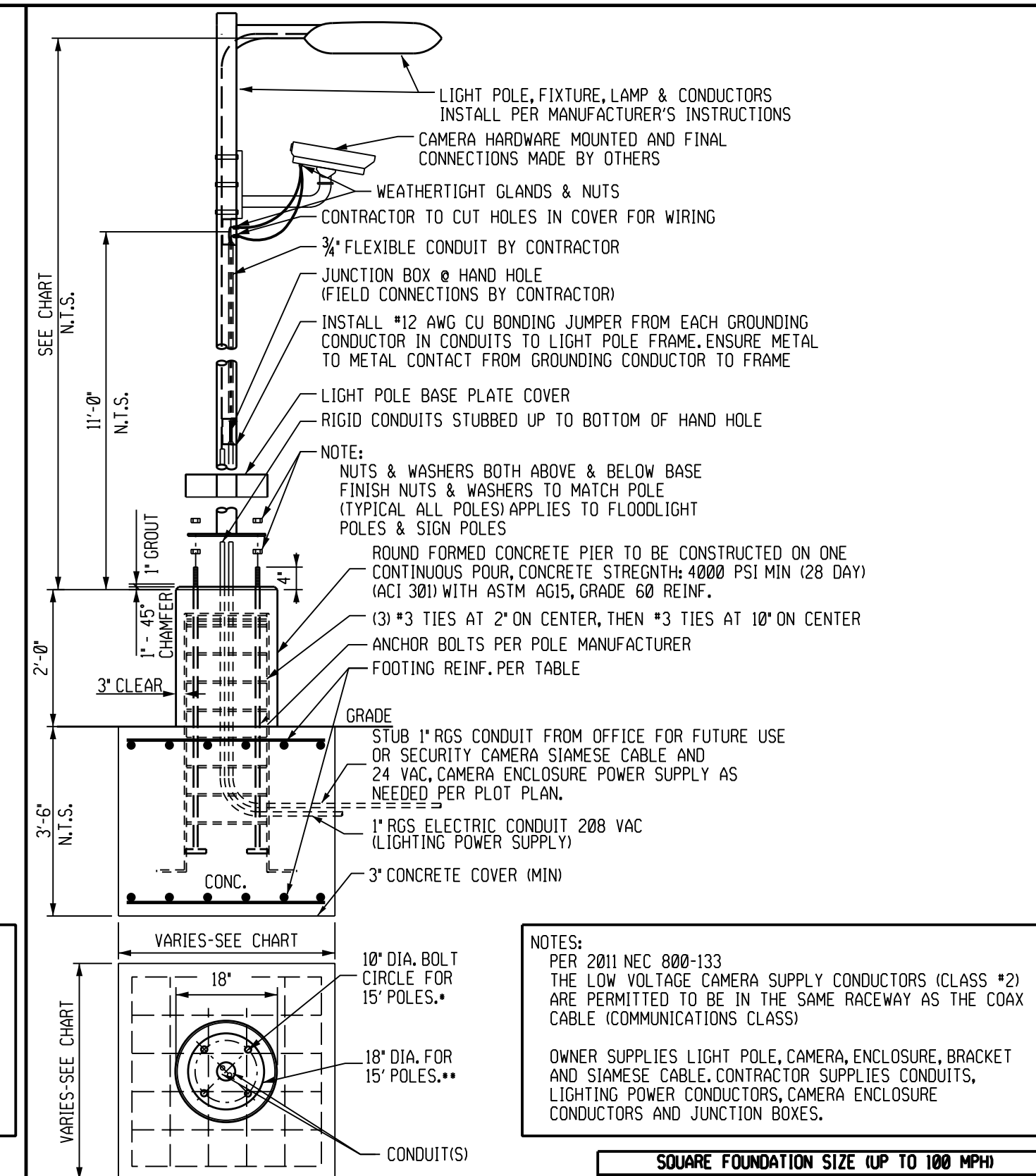
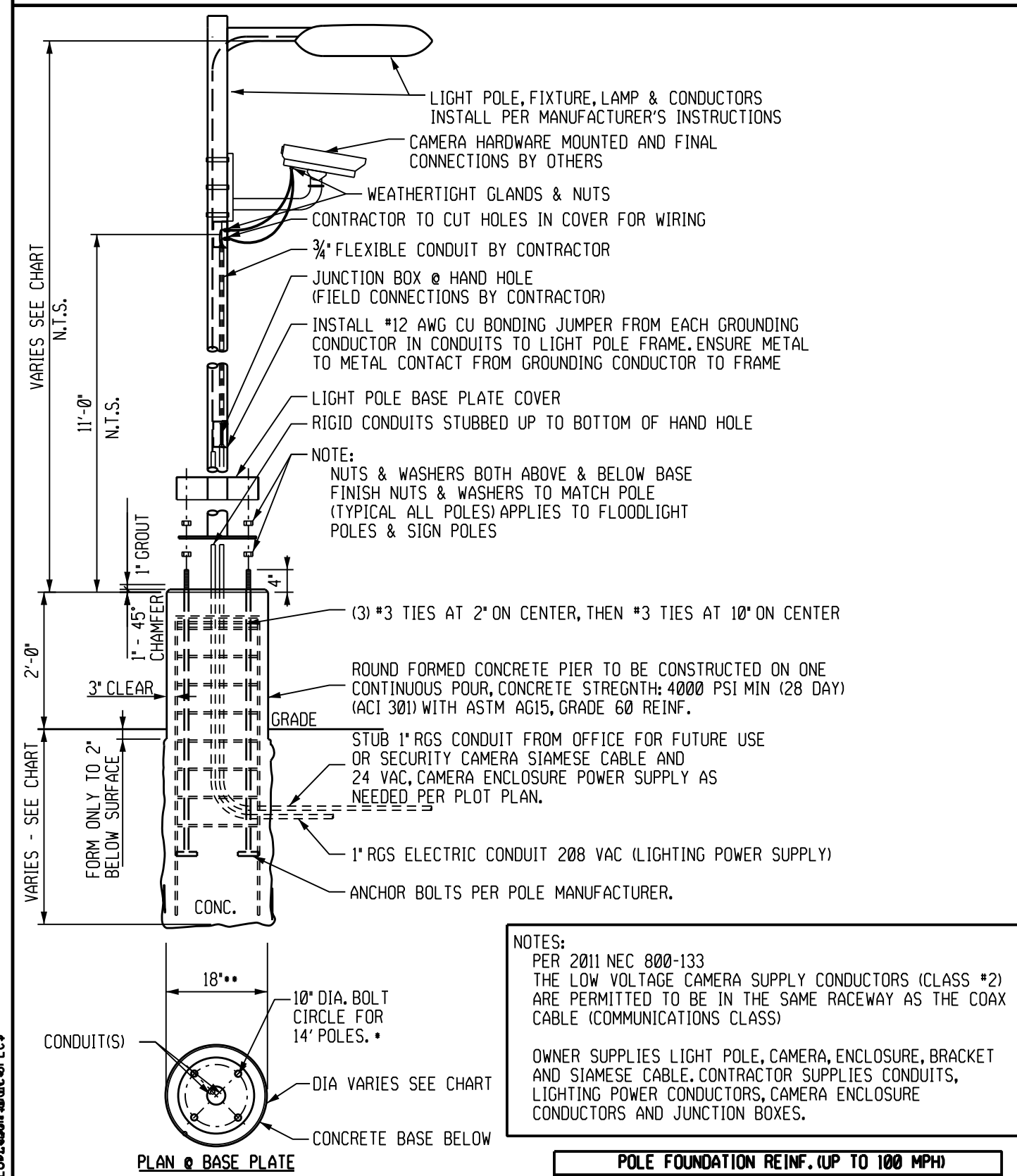
KEROSENE DISPENSER CONCRETE PAD



ALTERNATE KEROSENE DISPENSER CONCRETE PAD



AREA LIGHT POLE FOUNDATION DETAILS



Speedway

Prepared By:
Engineering and Construction Dept.
Enon, OH 45323

NO. OF POLES, WALL, REVISIONS

NO.	REVISIONS	DATE
1	ISSUE	11/11/09
2	REVISED KEROSENE AIR SERVICE AND AREA LIGHT TALE	11/11/09
3	REVISED ACCESSIBLE PARKING SIGNAGE	11/11/09
4	REVISED GUARDRAIL & SIGN POLES	11/11/09
5	REVISED SELF-CONTAINED AIR SERVICE TO CURRENT STANDARDS	11/11/09
6	REVISED EXTERIOR BULK CO2 STANDARDS DETAIL	11/11/09
7	REVISED AREA LIGHT TALE STANDARDS DETAIL	11/11/09
8	REVISED GUARDRAIL & SIGN POLES STANDARDS DETAIL	11/11/09
9	REVISED AREA LIGHT TALE STANDARDS DETAIL	11/11/09
10	REVISED EXTERIOR BULK CO2 STANDARDS DETAIL	11/11/09
11	REVISED AREA LIGHT TALE STANDARDS DETAIL	11/11/09
12	REVISED AREA LIGHT TALE STANDARDS DETAIL	11/11/09
13	REVISED AREA LIGHT TALE STANDARDS DETAIL	11/11/09

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YARD EQUIPMENT INSTALLATION

DESIGN TEAM	DATE
DNDR. E.SWEAT	6-1-05
PAU/OP. J.KINN	6-7-05
RVR/OP. F.T.PLEASANTS	6-7-05

SCALE: 1" = 1'

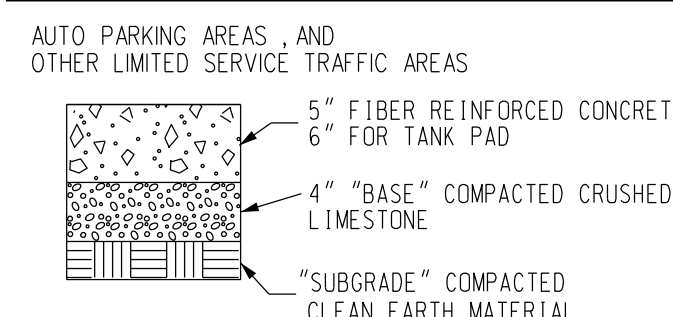
AS SHOWN

STD-QS-1

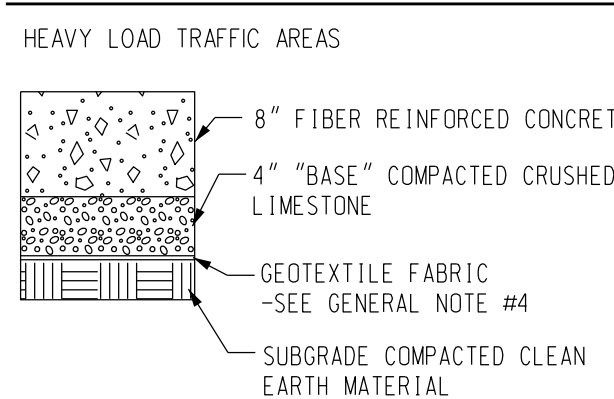
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CONCRETE PAVEMENT INSTALLATION AND MAINTENANCE

NORMAL STRENGTH PAVEMENT DETAIL



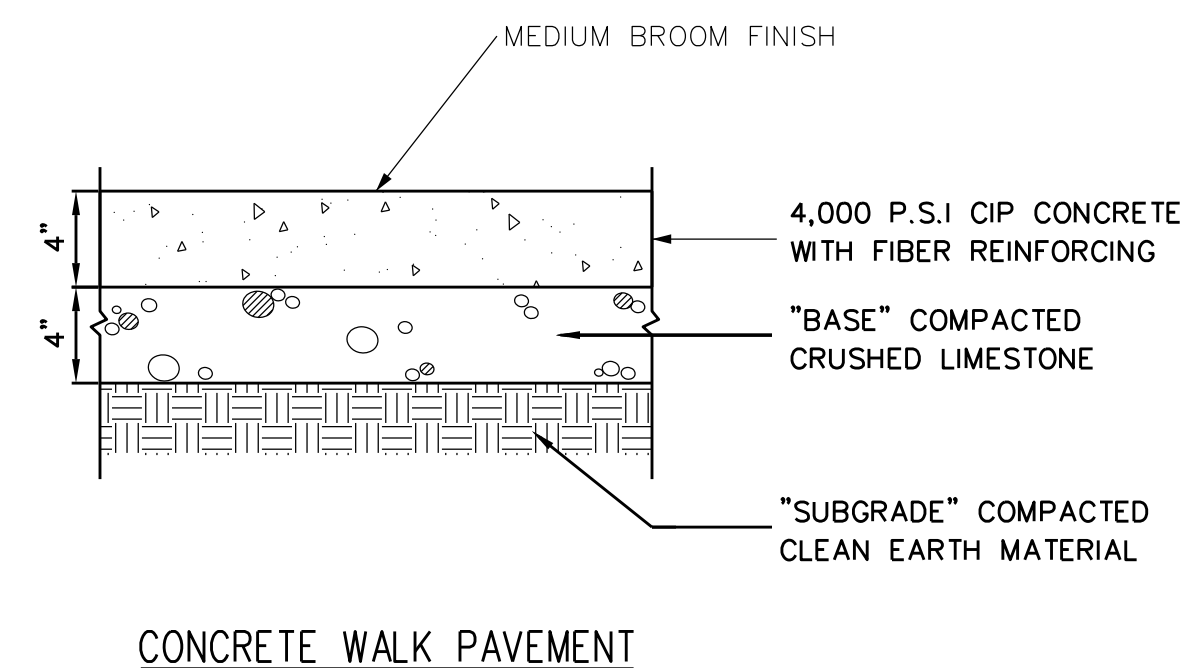
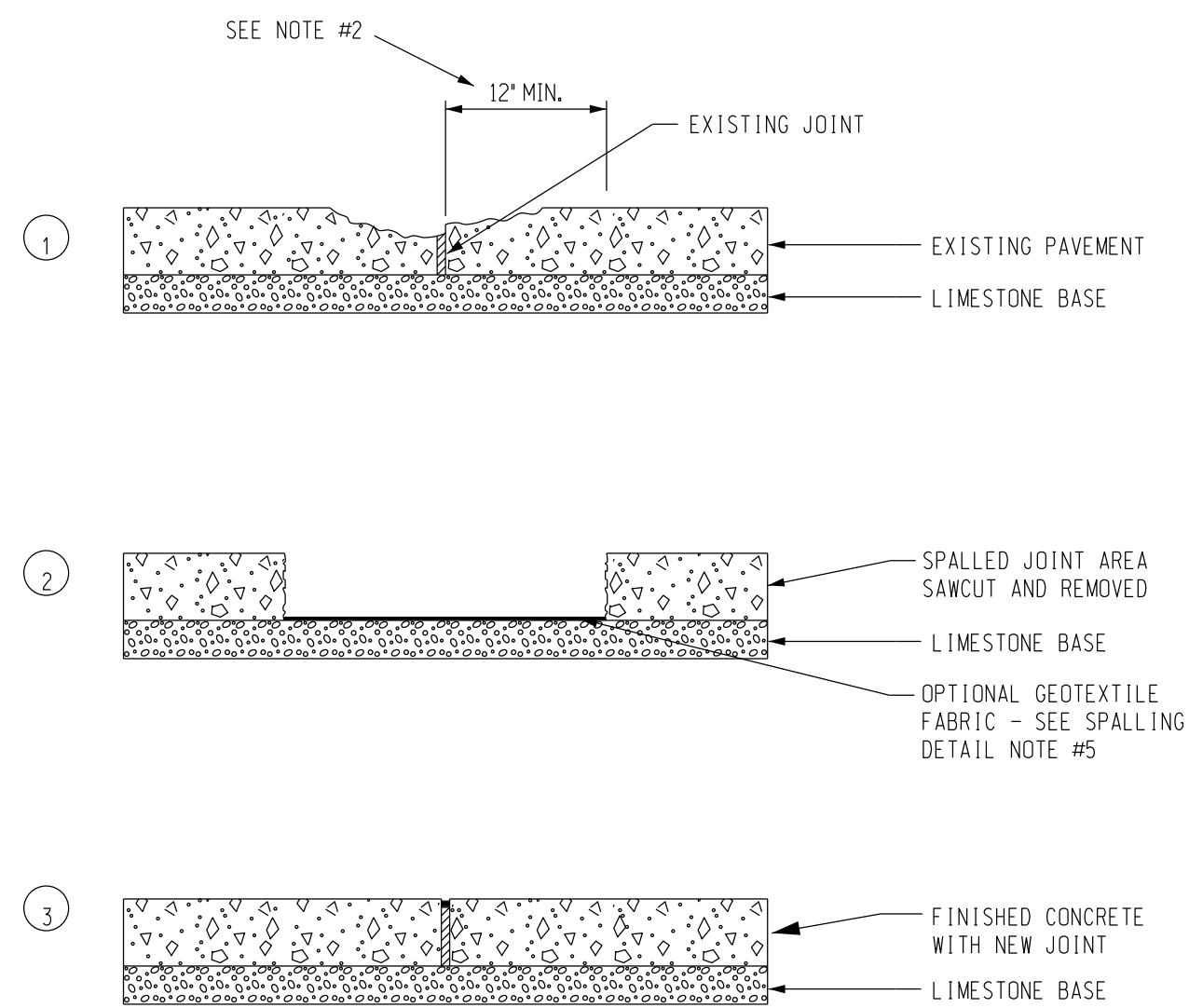
HIGH STRENGTH PAVEMENT DETAIL



- CONCRETE PAVING GENERAL NOTES:**
- ALL WORK SHALL BE IN CONFORMANCE WITH OWNER'S SPECIFICATIONS DIVISION 3 - CONCRETE.
 - SEE TANK AND PIPING DRAWINGS, FOR ADDITIONAL REQUIREMENTS FOR TANK SLABS.
 - SEE DRAWING #STD-PO-5 FOR ADDITIONAL REQUIREMENTS FOR PUMP ISLAND SLABS.
 - GEOTEXTILE FABRIC (NEEDS TO BE DETERMINED BY OWNER'S REPRESENTATIVE) 8 OZ/SO. YD., NON WOVEN NEEDLE PUNCHED FABRIC
- CONCRETE PAVING MAINTENANCE NOTES:**
- CONTRACTOR SHALL REMOVE CONCRETE FROM FAILED AREA BY SAWCUTTING TO A DEPTH OF 1/4 THE ORIGINAL SLAB DEPTH AND REMOVING THE EXISTING CONCRETE. THE PATCH SHALL BE RECTANGULAR IN SHAPE AND SHALL EXTEND TO THE NEXT JOINT IF WITHIN 3'.
 - ANY JOINTS WHICH ARE REMOVED SHALL BE REPLACED IN THE SAME LOCATION AS THE OLD JOINTS - SEE JOINT DETAILS.
 - CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL DEBRIS PER LOCAL, STATE, AND FEDERAL REGULATIONS.
 - SEE NORMAL STRENGTH PAVEMENT, HIGH STRENGTH PAVEMENT DETAILS FOR FULL DEPTH PATCH REQUIREMENTS.

SPALLING DETAIL

- SPALLING DETAIL NOTES:**
- SPALLING ALONG JOINTS SHALL BE TREATED WITH REPAIR SIMILAR TO THAT OF A FULL DEPTH PATCH.
 - SPALLED CONCRETE SHALL BE REMOVED IN AN AREA NO LESS THAN ONE FOOT FROM THE JOINT BUT LARGE ENOUGH TO REMOVE ALL UNSOUND CONCRETE AND REMOVED TO A DEPTH GREAT ENOUGH TO REACH SUITABLE SUBGRADE.
 - THE CONCRETE SHALL BE REPLACED PER THE FULL DEPTH PATCH DETAIL AND MARATHON'S TERMINAL SPECIFICATIONS.
 - THE JOINT SHALL BE REPLACED PER THE JOINT DETAIL TO COINCIDE WITH THE LOCATION OF THE OLD JOINT. THE JOINT SHALL EXTEND THE FULL DEPTH OF THE NEW PATCH.
 - GEOTEXTILE FABRIC (NEEDS TO BE DETERMINED BY OWNER'S REPRESENTATIVE) 8 OZ/SO. YD. NEEDLE PUNCHED NON WOVEN, NEEDLE PUNCHED FABRIC



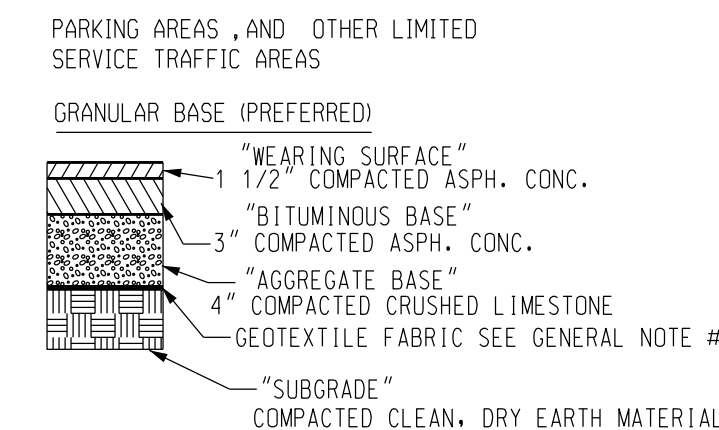
CONCRETE WALK PAVEMENT

ASPHALT PAVEMENT INSTALLATION AND MAINTENANCE

ASPHALT SEALING

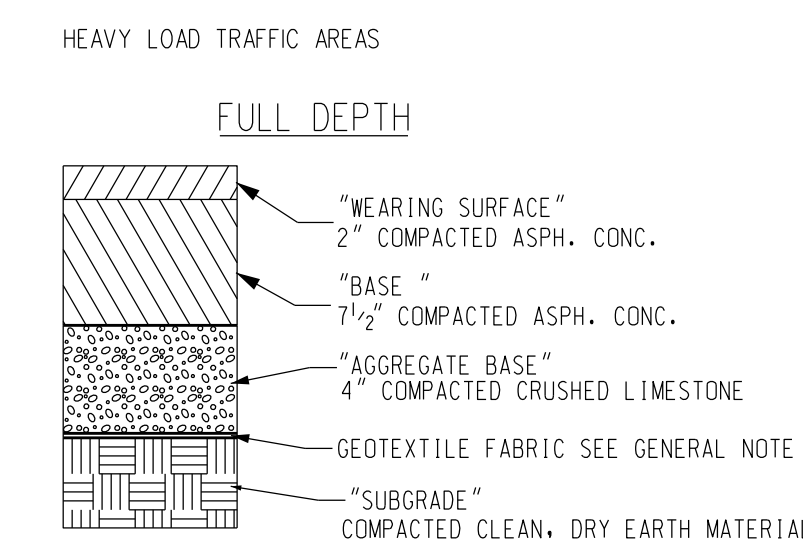
- SURFACE CLEANING:**
THE SURFACE TO BE SEALED SHALL BE FREE FROM DIRT AND OTHER FOREIGN MATTER. ANY ACCUMULATIONS OF OIL OR GREASE SHALL BE CLEANED OFF THE PAVEMENT WITH DETERGENT SOLUTION. THE RESIDUE OF WHICH SHALL BE THOROUGHLY WASHED AWAY WITH CLEAN WATER BEFORE SEALANT IS APPLIED.
 - SEALING:**
THE SEAL COATING MATERIAL SHALL BE COMPRISED OF A RUBBERIZED COAL-TAR PITCH EMULSION AND SHALL MEET OR EXCEED FEDERAL SPECIFICATION R-49-355B. SUPPLIED IN CONCENTRATED FORM, IT SHALL BE DILUTED A MINIMUM OF 15% AND A MAXIMUM OF 25% WITH FRESH, CLEAN WATER. THE SEALANT MATERIAL SHALL CONTAIN 5-6 LBS. PER GALLON OF FINE, CLEAN, DRY SILICA SAND MEETING THE FOLLOWING GRADATION:
- | SIEVE SIZE | % PASSING |
|------------|-----------|
| #16 | 100 |
| #30 | 80-100 |
| #50 | 10-60 |
| #100 | 0-5 |
- THE SEALANT SHALL BE APPLIED TO THE PAVEMENT IN TWO COATS AT THE RATE OF 0.08 TO 0.12 GALLONS PER SQUARE YARD. A LATEX ADDITIVE MAY ALSO BE ADDED TO THE SEALANT TO ALLOW FOR QUICKER DRYING TIME IN THOSE AREAS SPECIFIED BY OWNER'S REPRESENTATIVE.

NORMAL STRENGTH PAVEMENT



- ASPHALT PAVEMENT GENERAL NOTES:**
- ALL WORK SHALL BE IN CONFORMANCE WITH OWNER'S SPECIFICATIONS FOR ASPHALTIC CONCRETE PAVING.
 - GEOTEXTILE FABRIC (NEEDS TO BE DETERMINED BY OWNER'S REPRESENTATIVE) 8 OZ/SO. YD., NON WOVEN, NEEDLE PUNCHED FABRIC.
- ASPHALT PAVEMENT MAINTENANCE NOTES:**
- CONTRACTOR SHALL REMOVE ASPHALT FROM FAILED AREA BY SAWCUTTING A RECTANGULAR SHAPE AT LEAST 3' BEYOND THE DAMAGED AREA. TWO OF THE EDGES MUST BE AT RIGHT ANGLES TO THE DIRECTION OF TRAFFIC.
 - SUBGRADE MUST BE REMOVED TO SOLID GROUND AND REPLACED IN ACCORDANCE WITH THE FULL DEPTH PATCH DETAIL AND OWNER'S SPECIFICATIONS.
 - CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL DEBRIS PER LOCAL, STATE, AND FEDERAL REGULATIONS.

HIGH STRENGTH PAVEMENT



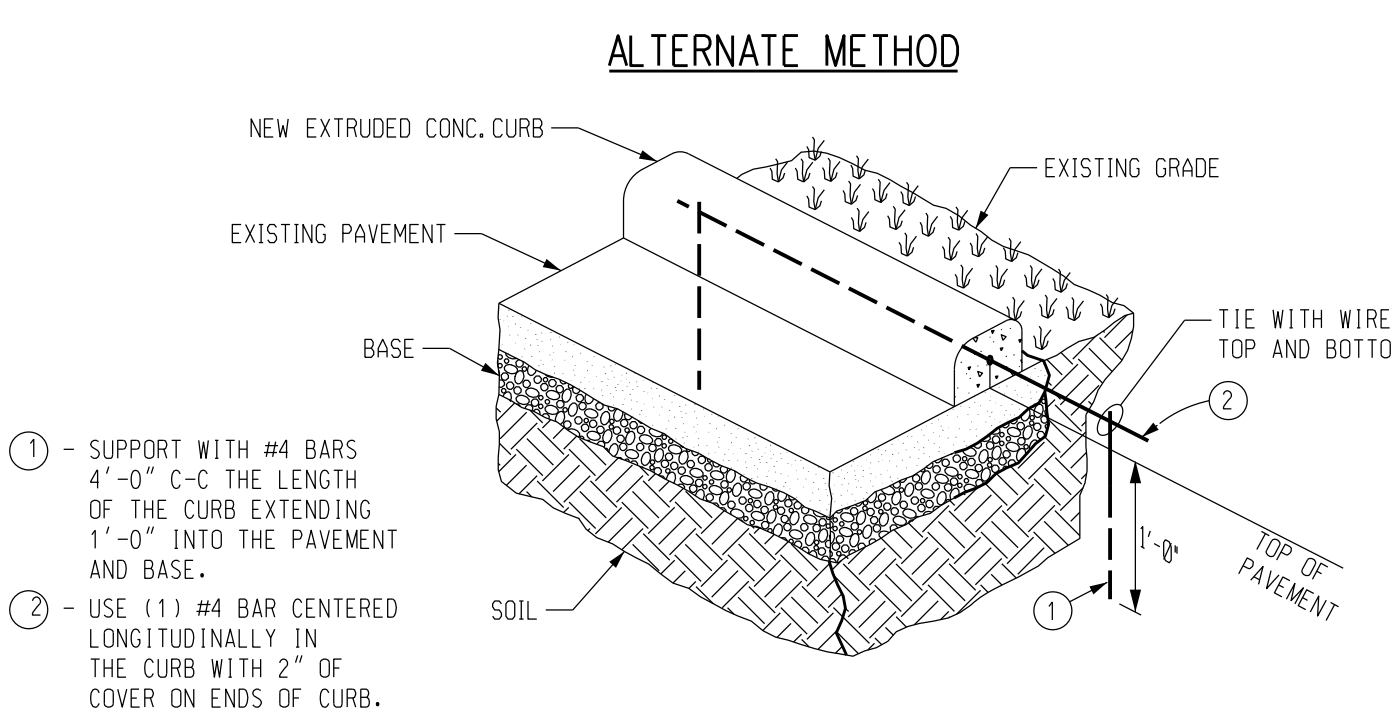
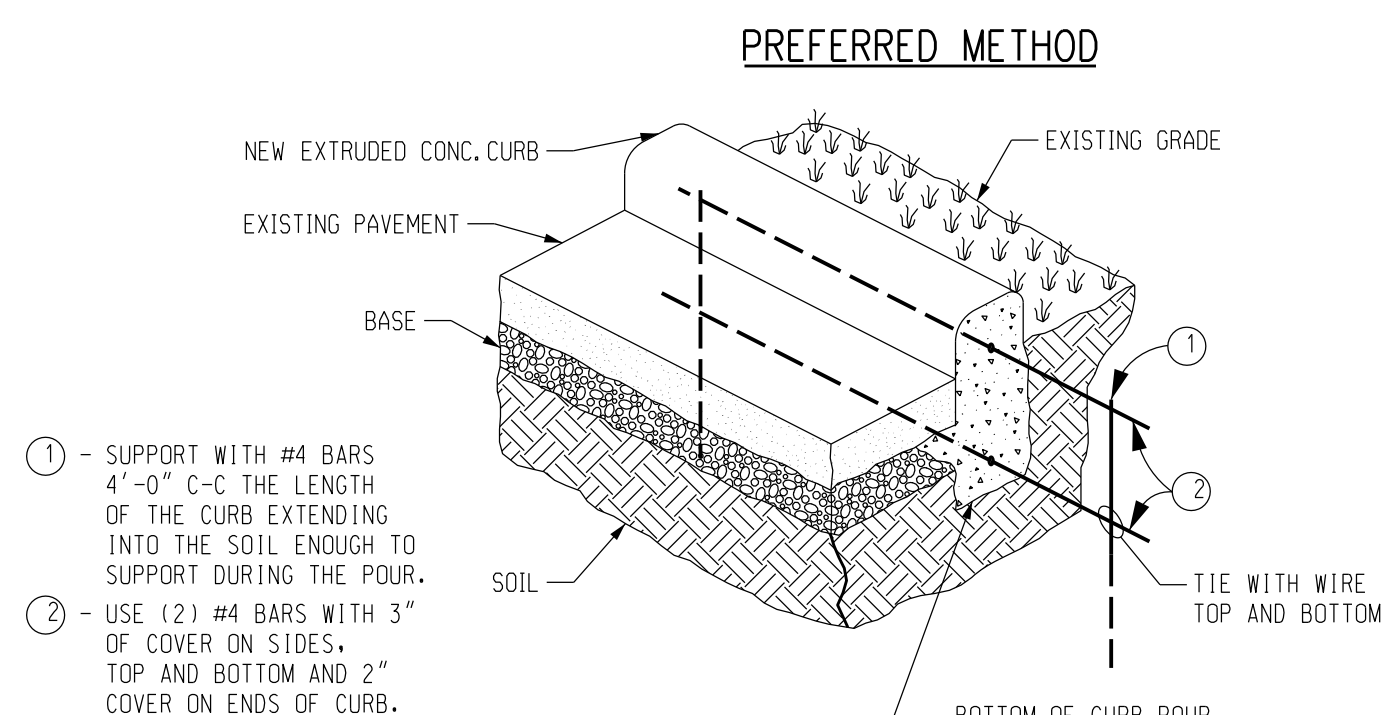
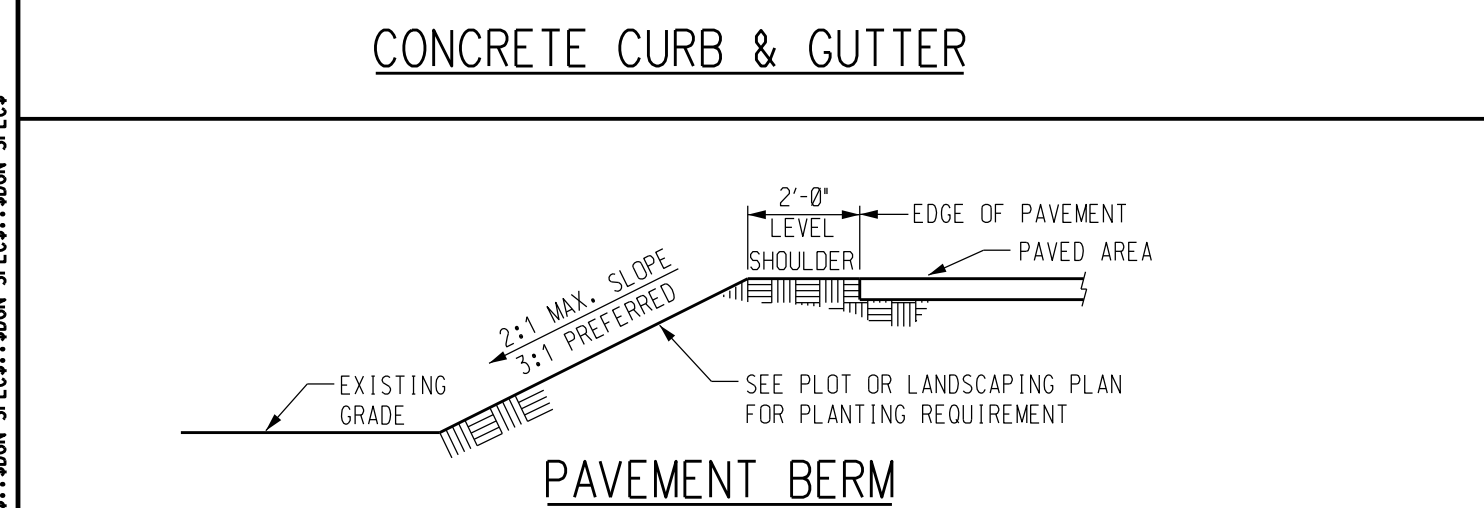
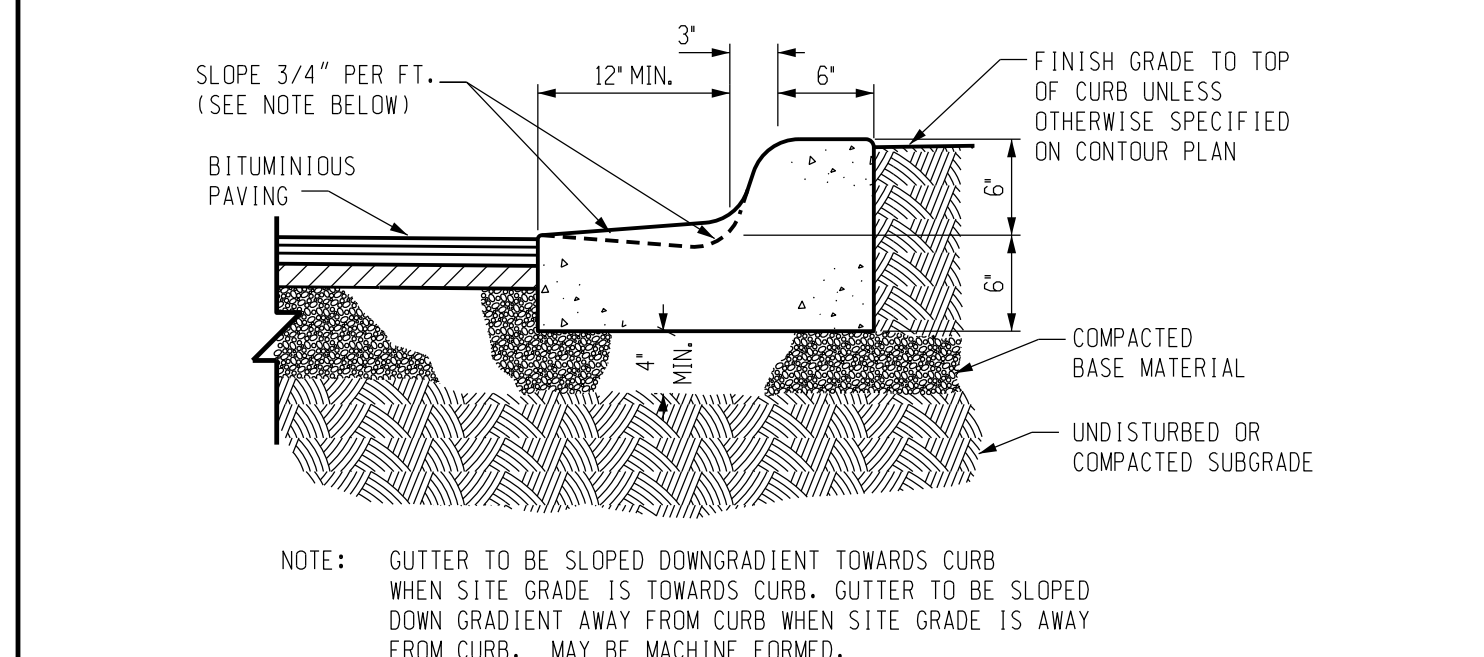
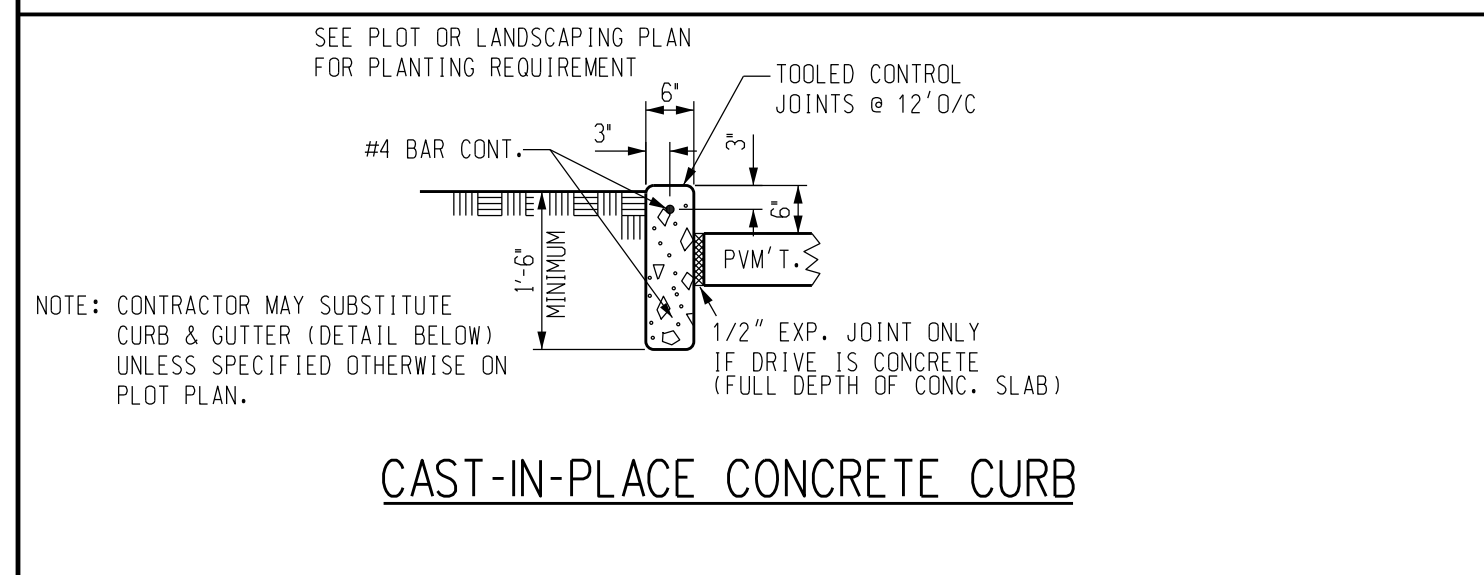
ASPHALT OVERLAY DETAIL

- ASPHALT SUBBASE**
-
- CONCRETE SUBBASE**
-
- EDGE DETAIL**
-
- DETAIL NOTES:**
- THE OVERLAY SHALL BE PLACED IN ACCORDANCE WITH MARATHON'S SPECIFICATIONS.
 - ALL FAILED AREAS SHALL BE REPAIRED WITH PROPER PATCHES BEFORE OVERLAY IS PLACED.
 - IF THE SURFACE IS DISTORTED, THE CONTRACTOR WILL CONSTRUCT LEVELING COURSES TO RESTORE PROPER LINE AND CROSS SECTION.
 - THE PAVEMENT SHALL BE THOROUGHLY CLEANED AND A TACK COAT OF ASPHALT SHALL BE APPLIED BEFORE THE OVERLAY IS PLACED.
 - ALL VERTICAL SURFACES COMING IN CONTACT WITH THE OVERLAY SHALL BE SPRAYED OR PAINTED WITH A UNIFORM COATING OF EMULSIFIED ASPHALT IMMEDIATELY PRIOR TO PAVEMENT CONSTRUCTION.
 - CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPER SURFACE DRAINAGE. PONDING OR PUDDLING OF WATER ON THE FINAL SURFACE WILL BE UNACCEPTABLE.
 - OPTIONAL ASPHALT OVERLAY FABRIC, DETERMINED BY ENGINEER, SHALL BE AMPOLVE NONWOVEN CONSTRUCTION FABRIC.

CONCRETE PAVEMENT JOINT DETAILS

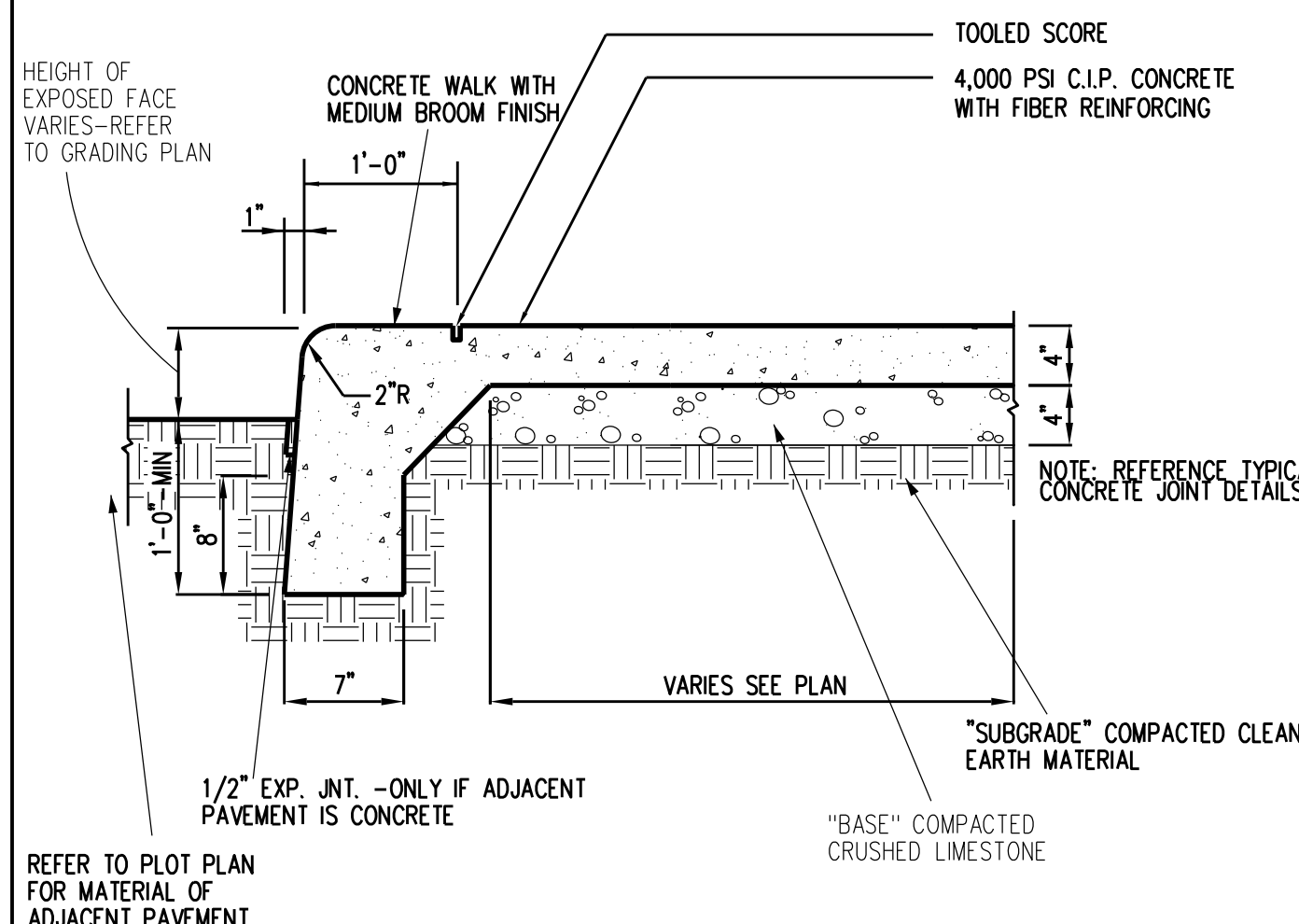
TYPE OF JOINT	USE DESCRIPTION	DETAIL
A. CONTROL JOINT 1. SAWN 2. PREMOLD STRIP 3. HAND FORMED AND SAWN AT CRITICAL JOINTS	PLACE JOINTS SO AS TO UNIFORMLY DIVIDE SLABS INTO NOMINAL 12' X 12' (NORMAL STRENGTH) OR 16' X 16' (HIGH STRENGTH) SECTIONS. (SEAL CONTROL JOINTS ONLY IF SPECIFIED ON DRAWINGS OR BY OWNER'S REPRESENTATIVE.)	JOINT SEALANT - 3/4" DEEP (MIN.) HELD 1/4" BELOW SURFACE
B. EXPANSION JOINT (ISOLATION JOINT)	PLACE AGAINST CONCRETE TANK SLAB, ABUTTING ROADWAY PAVEMENTS AND STRUCTURES (BUILDINGS, CANOPY COLUMNS, CATCH BASINS, ETC.).	USE REMOVABLE MATERIAL DURING FORMING REQUIRED TO OBTAIN A 3/4" RECESS JOINT SEALANT - 3/4" DEEP (MIN.) HELD 1/4" BELOW SURFACE
C. CONSTRUCTION JOINT	CONSTRUCTION JOINTS MUST BE APPROVED BY OWNER'S REPRESENTATIVE. PLACE WHEN CONTINUOUS POUR OPERATIONS ARE SUSPENDED FOR MORE THAN 30 MINUTES.	3/4" MIN. TAPERED KEYWAY

CONCRETE CURBS



COLD WEATHER CURB INSTALLATION

FOR USE WHEN COLD WEATHER CONDITIONS CAUSE ASPHALT PAVEMENT TO BE PLACED BEFORE THE CONCRETE CURB.



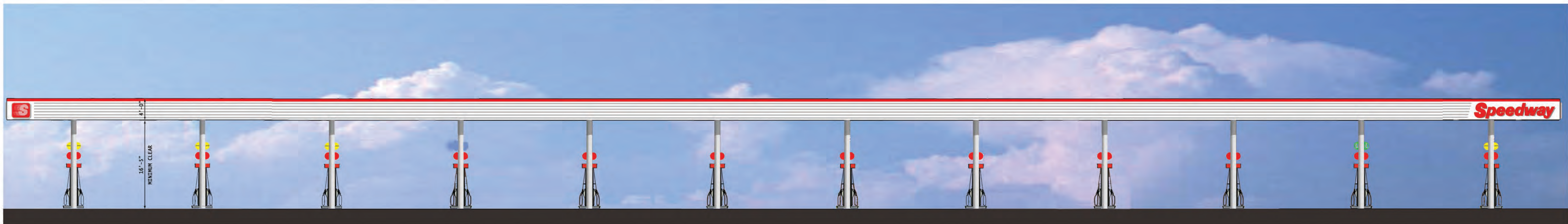
NO.	REVISIONS	DATE
1	ISSUED FOR PRODUCTION	08-21-14
2	CHANGES TO STD-NITE PER OWNER REQUEST	08-21-14
3	REVISED ALTERNATE #1 FROM NORMAL STRENGTH PAVEMENT	08-21-14

PAVEMENT & CURBING DETAILS

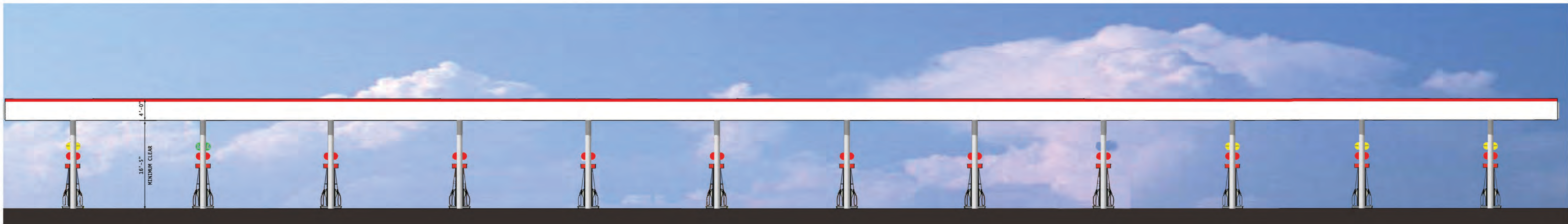
STORE OR BLDG NO.	
VERSION OR PROJECT ID	
SCALE	AS SHOWN
DESIGN TEAM	DATE
DWR:	K.SPRINGER 11-2-04
P.MGR.	L.D.LOCKE 11-2-04
RWR:	F.T.PLEASANTS 11-2-04

DRWG. NO. **STD-CP-1**

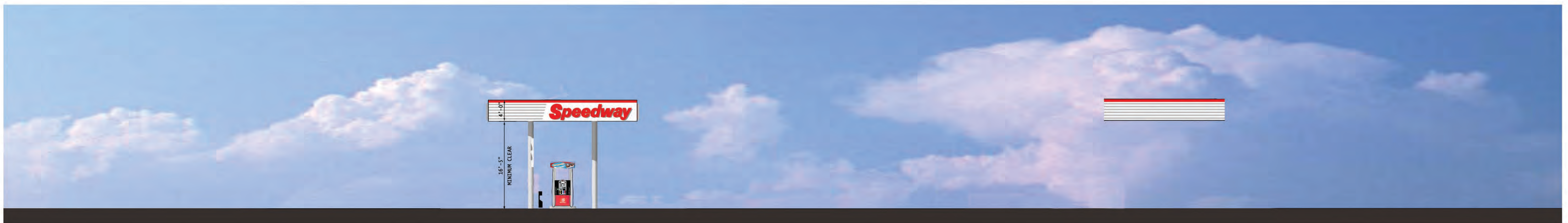
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FRONT ELEVATION

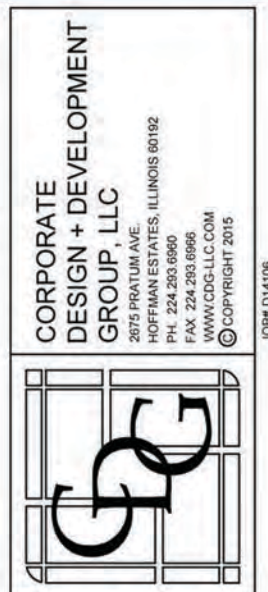


REAR ELEVATION



RIGHT ELEVATION

LEFT ELEVATION



CORPORATE
DESIGN + DEVELOPMENT
GROUP, LLC
107 HANCOCK BLVD. SUITE 200
COLUMBUS, OH 43260
TEL: 614.291.1000
FAX: 614.291.1001
© 2015 CDG
JOB #1413

Speedway
Prepared By:
Speedway Engineering and Construction Dept.
Eros, OH 45223

NO.	REVISIONS	DESIGNER	PROJ. MGR.	REVIEWER	DATE

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CANOPY ELEVATION
DIESEL EXPANSION
18460 80TH AVENUE
WILL COUNTY
TINLEY PARK, IL

STORE OR BLDG NO. **#0001413**

VERSION OR AFE NO. **#85926**

SCALE **AS SHOWN TO SCALE**

DESIGN TEAM DATE

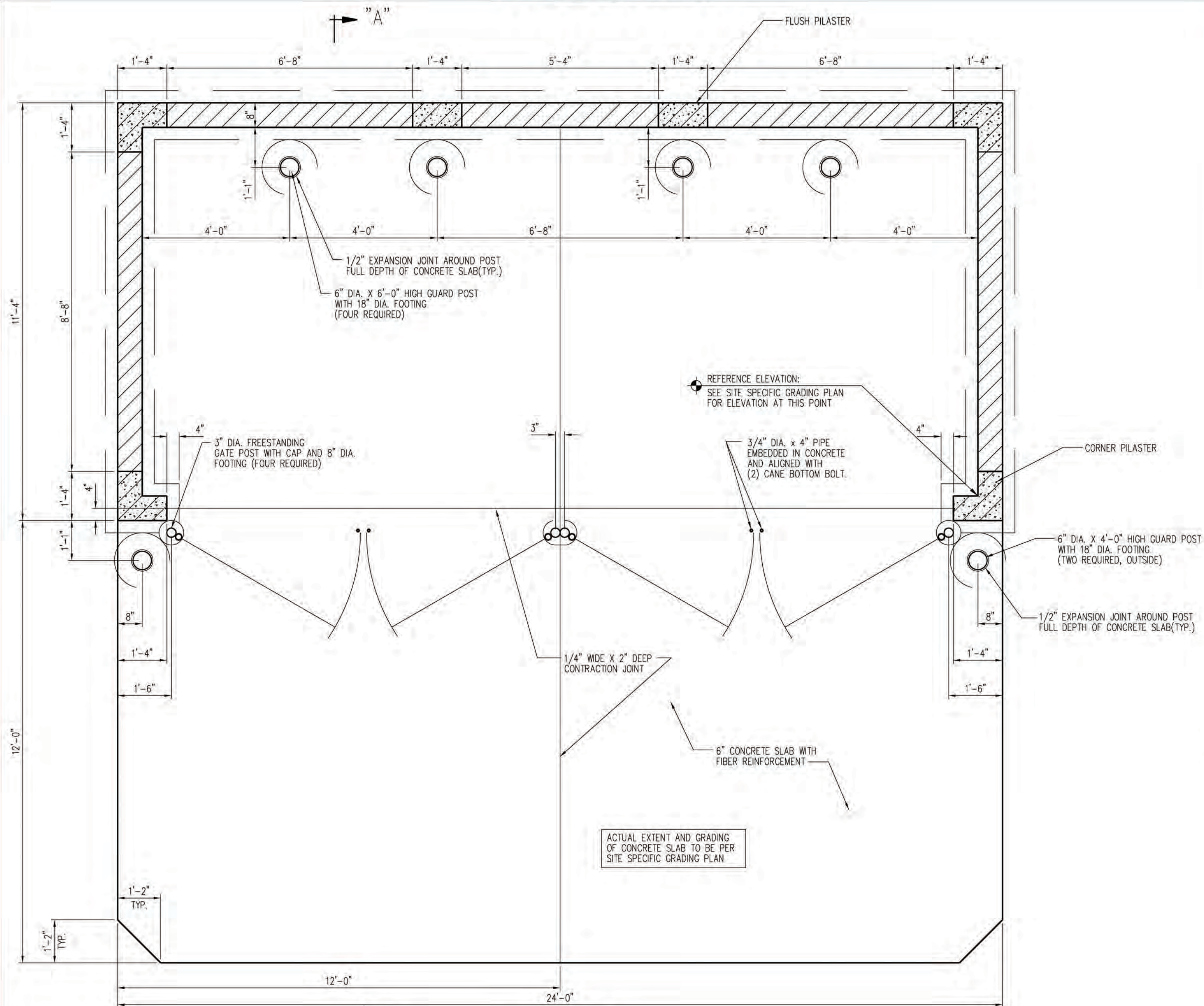
DGNR. K. STRNAD 01/19/15

PROJ. MGR. J. COUCH 01/19/15

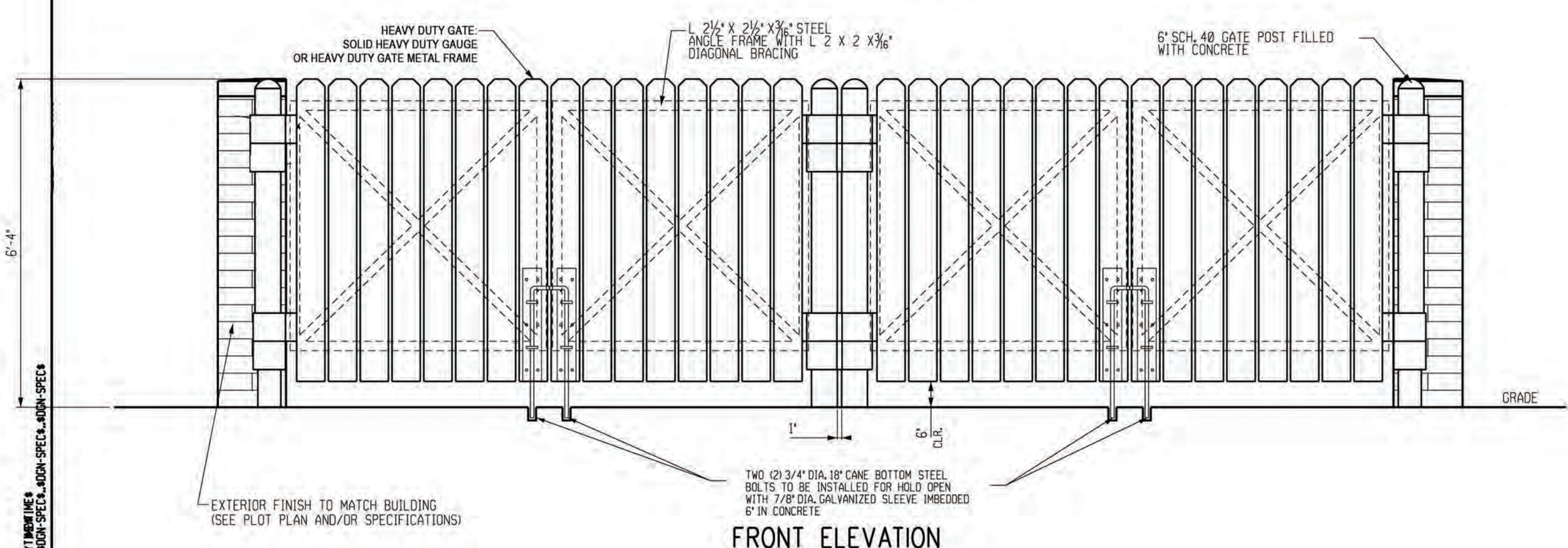
RVR. C. KALISCHESKI 01/19/15

DRWG. NO. **#1413-ELEV**

PLAN & ELEVATION

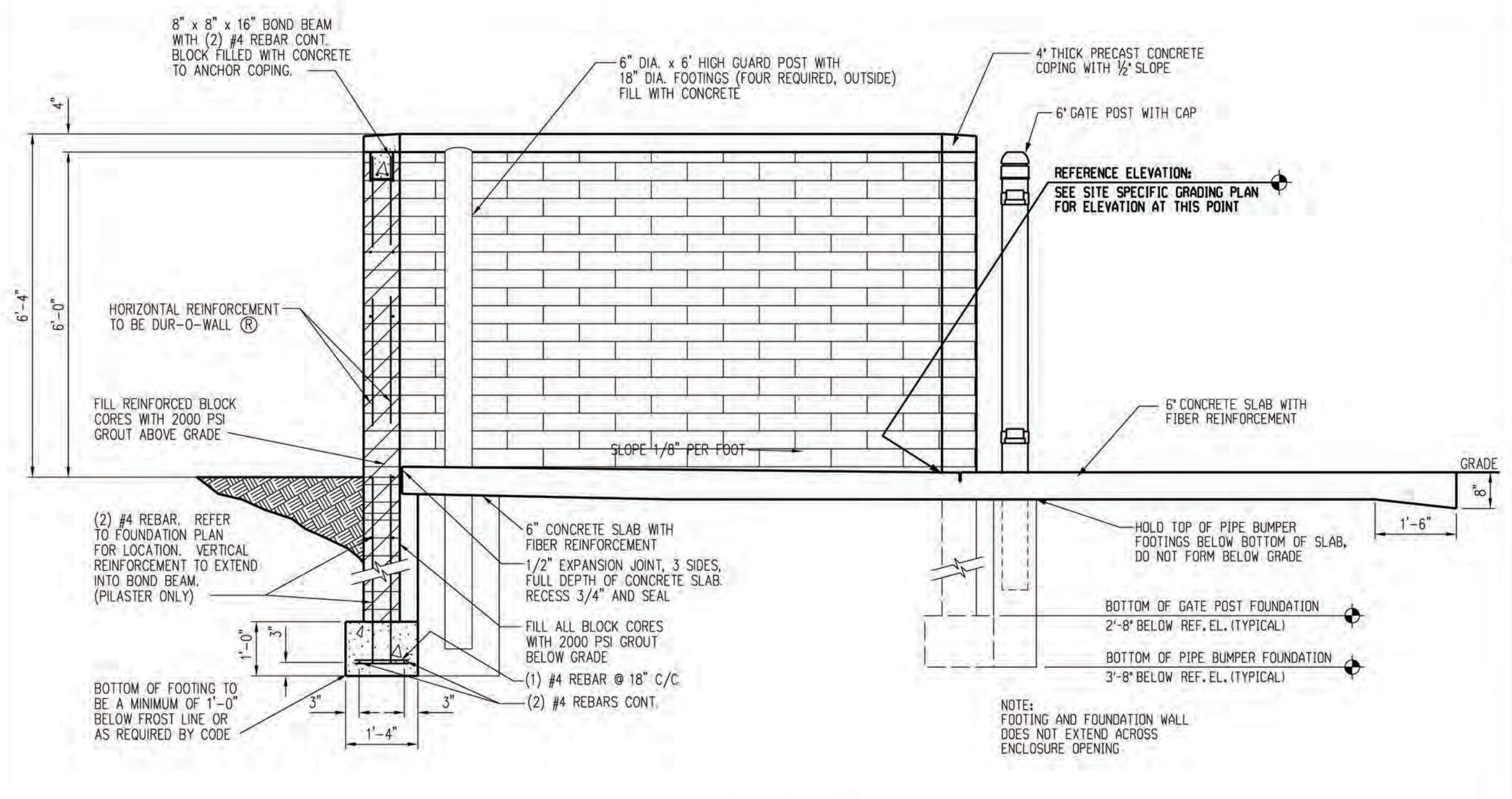


FOUNDATION PLAN



FRONT ELEVATION

SECTIONS & DETAILS



SECTION "A-A"

GENERAL NOTES

- 8" DUR-O-WALL MASONRY REINFORCEMENT TO BE PLACED BETWEEN THE FIRST TWO COURSES ABOVE THE FOOTING, EVERY OTHER COURSE THEREAFTER, AND BETWEEN THE LAST TWO COURSES AT THE TOP OF THE MASONRY. REINFORCEMENT SHALL NOT BE CONTINUOUS THROUGH CONTROL JOINTS.
- SLABS SHALL HAVE THE FOLLOWING SPECIFICATION: FIBERS SHALL BE 100% POLYPROPYLENE MULTIFILAMENT FIBERS MANUFACTURED FOR USE AS CONCRETE REINFORCEMENT. THEY SHALL BE 1/2" TO 3/4" IN LENGTH WITH AN ADDITION RATE OF 1/2 LB/CU.YD. OF CONCRETE. THE USE OF THE FIBERS SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS OR RECOMMENDATIONS.
- THE MINIMUM LAP FOR BOTH CONCRETE & MASONRY SPLICES SHALL BE THE FOLLOWING:
 - *4 - 2'-0"
 - *5 - 2'-6"
 - *6 - 3'-0"
- STANDARD CONSTRUCTION TO BE 8" X 8" X 16" CONCRETE UNITS - (TO MATCH BUILDING) LAID IN RUNNING BOND. SEE PLOT PLAN, SPECIFICATIONS, AND/OR OWNER'S REPRESENTATIVE FOR VARIATIONS IN FINISH & COLORS.
- REFER TO GRADING PLAN FOR PAVEMENT ELEVATIONS.
- REFER TO DRAWING STD-SS-DET FOR CONSTRUCTION DETAILS.

Speedway®
 Prepared By:
 Engineering and Construction Dept
 Enon, OH 45323

NO.	REVISIONS	DATE

QUICK-BRIK
 DUMPSTER ENCLOSURE
 SIDE BY SIDE

SCALE 0 12" = 1'-0"

DESIGN TEAM	DATE
DMR, R. THORNTON	06/06/13
PM/DP, J. FRYE	06/06/13
RVR/DP, J. FRYE	06/06/13

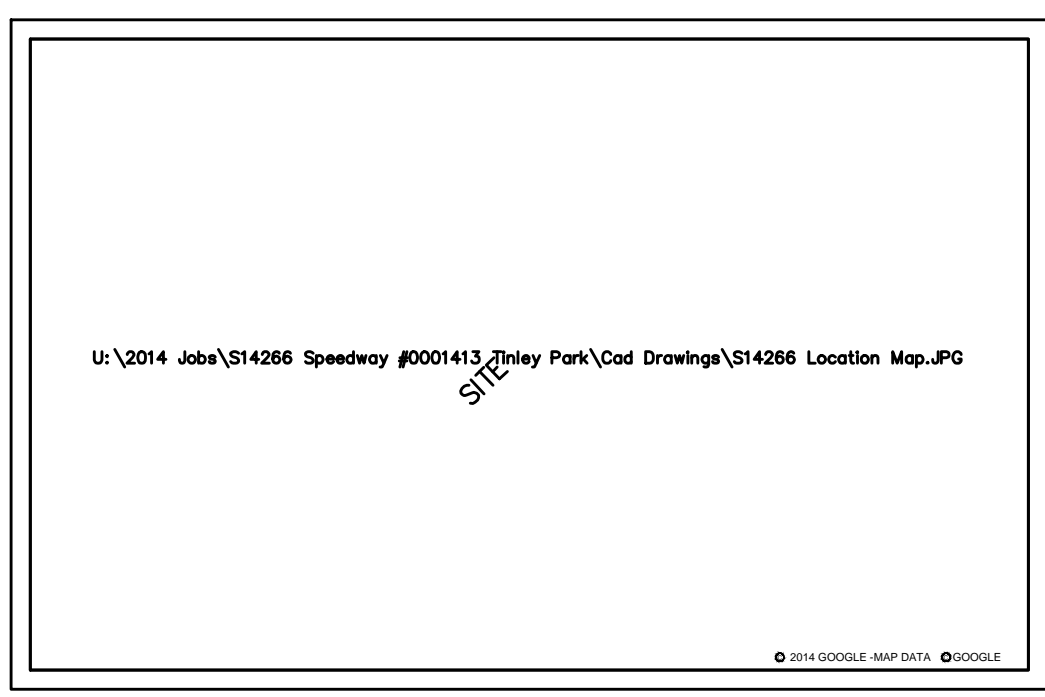
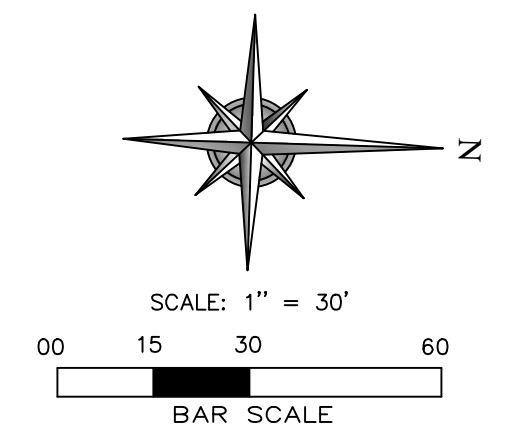
DRWG. NO. **STD-SS-2E**

ALTA / ACSM LAND TITLE SURVEY

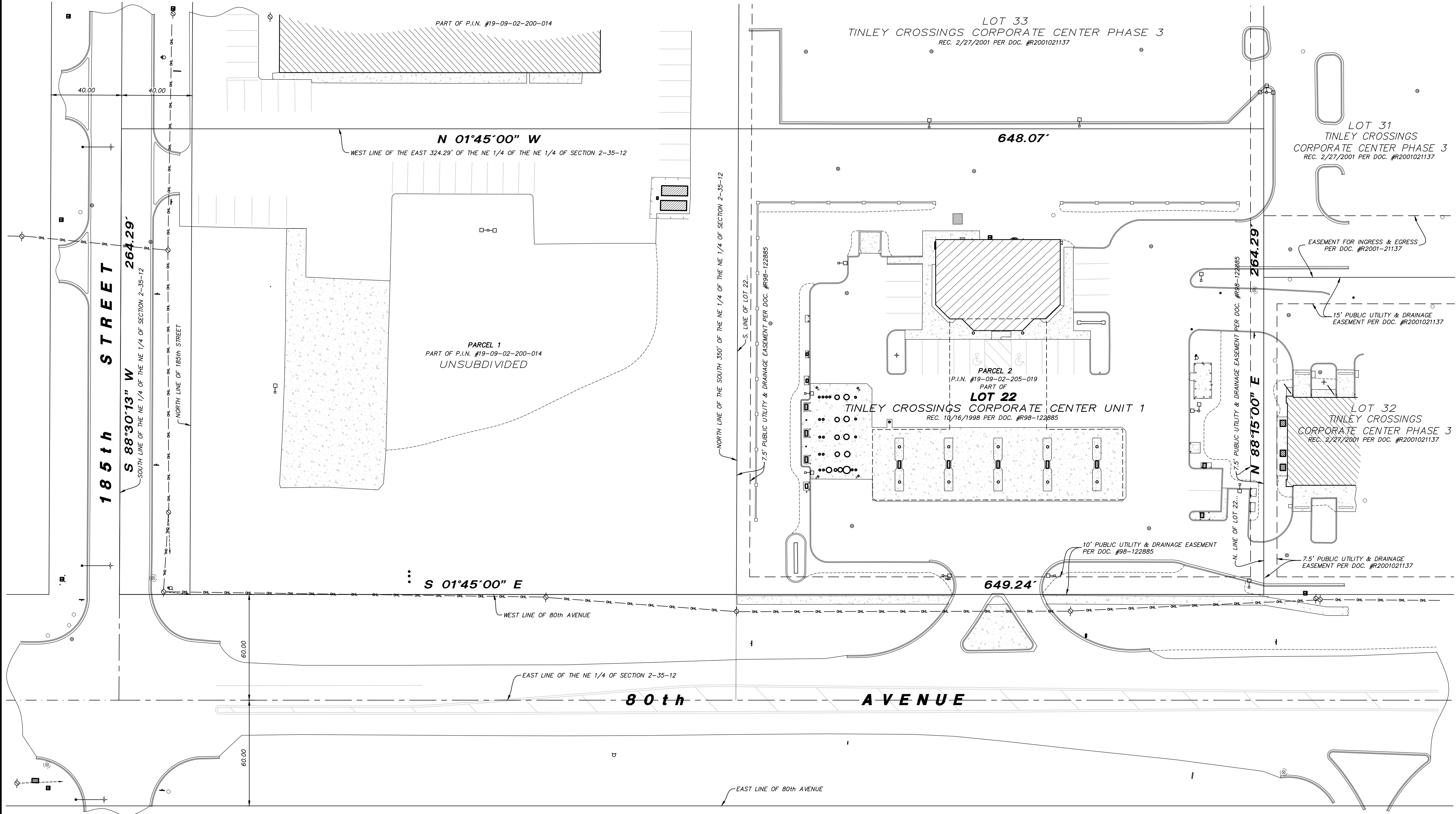
PARCEL 1
THE EAST 344.29 FEET OF THE SOUTH 350 FEET, EXCEPT THE EASTERLY 60 FEET THEREOF, OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 2, TOWNSHIP 45 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, ILLINOIS.

PARCEL 2
THE EAST 264.29 FEET OF LOT 22, IN TINLEY CROSSINGS CORPORATE CENTER UNIT 1, BEING A SUBDIVISION OF PART OF THE NORTH HALF OF SECTION 2, TOWNSHIP 35 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 16, 1998 AS DOCUMENT NUMBER R98-122885, IN WILL COUNTY, ILLINOIS.

LEGEND			
—	PROPERTY LINE	⊕	TYPICAL SIGN
- - -	CENTER LINE	⊕	FLARED END SECTION
- · - · -	EASEMENT LINE	⊕	CLOSED MANHOLE
- · - · -	BUILDING SETBACK	⊕	OPEN GRATE MANHOLE
(R)	RECORD DATA	⊕	BECHING GRATE MANHOLE
XXX.XX	TOP OF (CURB, WALL, ETC.)	⊕	GUTTER FRAME
XXX.XX	SPOT GRADE	⊕	VALVE VAULT
XXX.XX	BOTTOM OF (GROUND, GUTTER, ETC.)	⊕	FIRE HYDRANT
CONCRETE		⊕	B-BOX / SERVICE VALVE
EVERGREEN/DECIDUOUS		⊕	POST LIGHT/GROUND LIGHT
WITH SIZE IN INCHES		⊕	AREA LIGHT
SHRUB/SHRUB LINE		⊕	STREET LIGHT
MONITOR WELL		⊕	TRAFFIC SIGNAL
GAS VALVE		⊕	MAST ARM SIGNAL
		⊕	HANDHOLE (electric, traffic)
		⊕	GAS METER
		⊕	ELECTRIC METER
		⊕	PEDESTAL (tele, elec, cable)
		⊕	UTILITY POLE
		⊕	TELEPHONE VAULT
		⊕	GUARDRAIL
		⊕	GUY WIRE ANCHOR
		⊕	CONTOUR LINE
		⊕	TREE LINE / HEDGE LINE
		⊕	EDGE GRAVEL/STONE
		⊕	FENCE LINE
		⊕	STORM SEWER
		⊕	SANITARY SEWER
		⊕	COMBO SEWER
		⊕	WATER SERVICE LINE
		⊕	WATERMAIN
		⊕	OVERHEAD LINE
		⊕	FIBER OPTIC LINE
		⊕	GAS LINE
		⊕	U.G. TELCO LINE
		⊕	U.G. ELECTRIC LINE



LOCATION MAP



- NOTES:**
- SITE BENCHMARK - NORTH/NORTHEAST UPPER FLANGE BOLT OF FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF 80th AVENUE & 185th STREET. ELEVATION=705.91' (NAVD88)
 - PERMANENT INDEX NUMBER (P.I.N. #): 19-09-02-205-019 & 19-09-02-200-014
 - THE LOCATION OF UNDERGROUND UTILITIES WAS DETERMINED BY FIELD OBSERVATION AND VISIBLE MARKINGS ONLY.
 - PROPERTY AREA:
PARCEL 1: 2.124 ACRES (92,502 SQ. FT. OF WHICH 10,577 SQUARE FEET FALL WITHIN EXISTING RIGHT OF WAY)
PARCEL 2: 1.812 ACRES (78,930 SQ. FT.)
TOTAL: 3.936 ACRES (171,432 SQ. FT.)
 - FIELD WORK COMPLETED: JANUARY 6th, 2015
 - SURVEY (PARCEL 1) WAS PREPARED WITH THE AID OF A TITLE COMMITMENT PREPARED BY FIRST AMERICAN TITLE COMPANY, FILE NUMBER NCS-705990-CLE, HAVING AN EFFECTIVE DATE OF DECEMBER 3, 2014.
 - SURVEY (PARCEL 2) WAS PREPARED WITH THE AID OF A TITLE COMMITMENT PREPARED BY FIRST AMERICAN TITLE COMPANY, FILE NUMBER NCS-705989-CLE, HAVING AN EFFECTIVE DATE OF DECEMBER 3, 2014.
 - ACCORDING TO OUR INTERPOLATION OF THE FLOOD INSURANCE RATE MAP THIS SITE IS LISTED AS BEING IN A ZONE "X", DESCRIBED AS "AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN" PER F.E.M.A. PANEL NO. 17197C0216F DATED NOVEMBER 6, 2000.
 - SURVEY PREPARED FOR: CORPORATE DESIGN + DEVELOPMENT GROUP, LLC.
 - BUILDING TIES & DIMENSIONS SHOWN ARE MEASURED FROM THE OUTSIDE FACE OF THE BUILDING.
 - BASIS OF BEARINGS IS TRUE NORTH BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, ILLINOIS EAST 1201 ZONE, (WEST 1202)
 - ANY DISCREPANCIES FOUND WITHIN THIS DOCUMENT NEED TO BE REPORTED TO THE SURVEYOR AS SOON AS POSSIBLE.

STATE OF ILLINOIS)
COUNTY OF COOK) SS
TO:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 11b, 13 AND 17 OF TABLE "A" THEREOF. THE FIELD WORK WAS COMPLETED ON JANUARY 6th, 2015

GIVEN UNDER MY HAND AND SEAL THIS _____ DAY OF _____, A.D.
AT HOFFMAN ESTATES, ILLINOIS.

FRANJO I. MATIJC - PLS #035-003556 EXPIRES 11/30/2016
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004387



**ALTA / ACSM
LAND TITLE SURVEY**

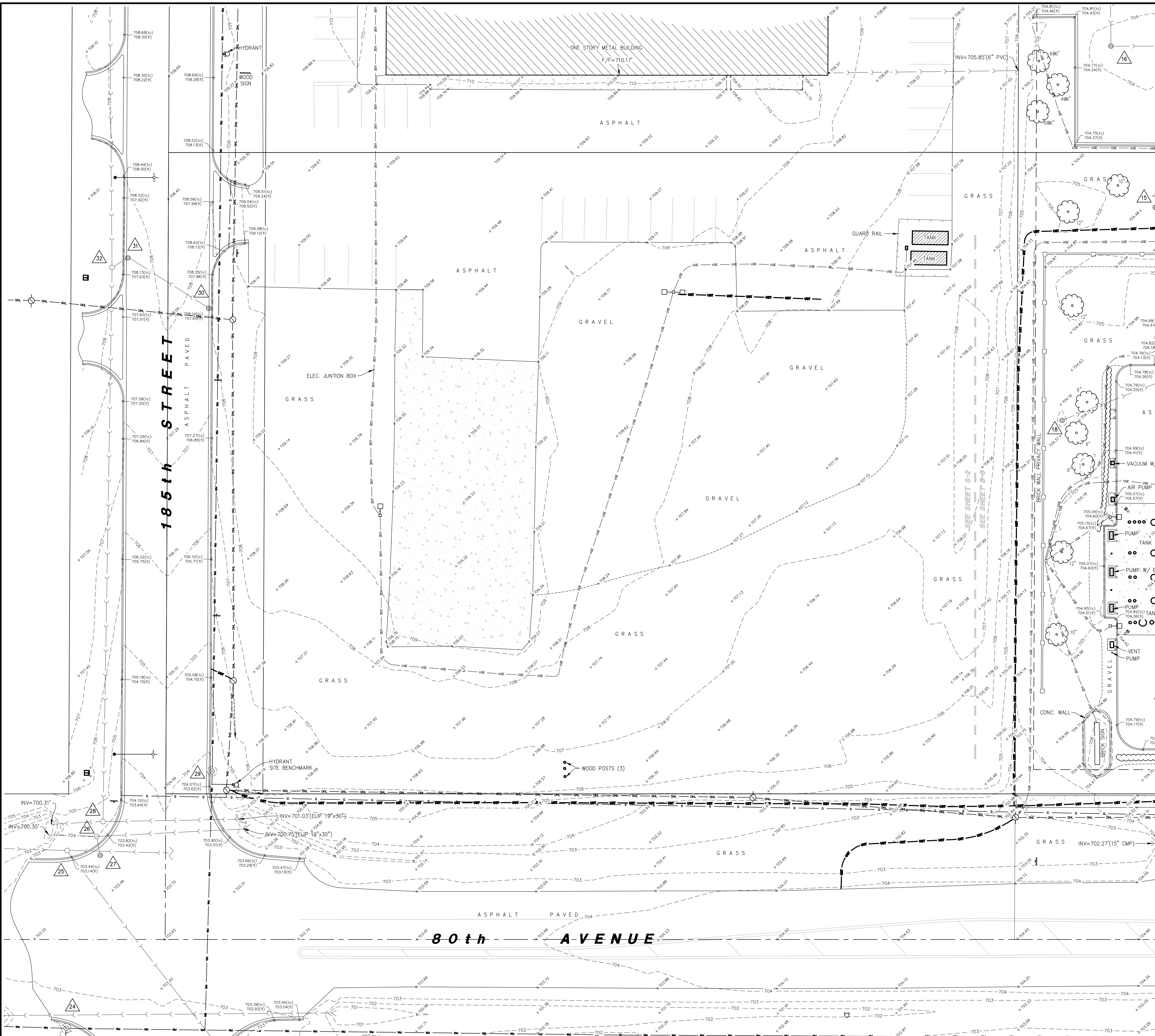
18460 80th AVENUE
TINLEY PARK, ILLINOIS
WILL COUNTY

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS

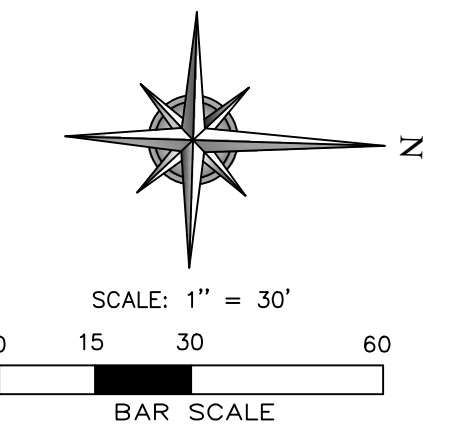
2675 Pratum Avenue
Hoffman Estates, Illinois 60192
PH: (224) 293-6333 FAX: (224) 293-6444
www.wtengineering.com
IL License No.: 184-004387 Exp: 04/30/15

SCALE	1"=30'	DATE	FILE NO.	#0001413
DRF TR				
CHKR				
		DWG. NO.	S14266	
			SHEET 1 OF 3	

ALTA / ACSM LAND TITLE SURVEY



- | | | | |
|----|--|----|--|
| 1 | RIM=703.26' (STORM)
48" CONCRETE STRUCTURE
INV=700.71' (12" RCP N/S) | 18 | RIM=703.71' (STORM)
24" CONCRETE STRUCTURE
INV=701.57' (12" RCP NW) |
| 2 | RIM=704.06' (STORM)
48" CONCRETE STRUCTURE
INV=700.08' (18" RCP N)
INV=700.08' (12" RCP W/S) | 19 | RIM=705.16' (STORM)
24" CONCRETE STRUCTURE
INV=702.91' (12" RCP NW) |
| 3 | RIM=706.57' (STORM)
48" CONCRETE STRUCTURE
INV=700.08' (18" RCP NE/S)
INV=700.17' (12" RCP W) | 20 | RIM=706.67' (STORM)
48" CONCRETE STRUCTURE
INV=702.57' (12" D.I. N)
INV=702.72' (12" RCP SE)
INV=703.72' (6" PVC SE) |
| 4 | RIM=704.41' (STORM)
48" CONCRETE STRUCTURE
INV=699.78' (24" RCP N)
INV=699.78' (15" RCP SE)
INV=699.78' (18" RCP SW) | 21 | RIM=704.13' (STORM)
48" CONCRETE STRUCTURE
INV=701.01' (12" RCP W/S) |
| 5 | RIM=704.95' (STORM)
48" CONCRETE STRUCTURE
INV=700.12' (18" RCP NW)
INV=700.21' (12" RCP E)
INV=700.21' (15" RCP S) | 22 | RIM=704.04' (STORM)
24" CONCRETE STRUCTURE
INV=701.59' (12" RCP N) |
| 6 | RIM=706.01' (STORM)
48" CONCRETE STRUCTURE
INV=700.28' (12" RCP W)
INV=701.91' (12" RCP E) | 23 | RIM=702.85' (SANITARY)
48" CONCRETE STRUCTURE
INV=681.55' (24" RCP SW/E) |
| 7 | RIM=704.95' (STORM)
48" CONCRETE STRUCTURE
INV=702.06' (12" RCP W/NE) | 24 | RIM=703.08' (WATER)
72" CONCRETE STRUCTURE
5.40' TO TOP OF 24" MAIN N/S |
| 8 | RIM=706.50' (STORM)
48" CONCRETE STRUCTURE
INV=703.25' (6" PVC N/S)
INV=702.56' (12" RCP SW) | 25 | RIM=703.31' (SANITARY)
48" CONCRETE STRUCTURE
INV=682.45' (12" RCP N)
INV=681.63' (24" RCP S/NE) |
| 9 | RIM=706.35' (SANITARY)
48" CONCRETE STRUCTURE
INV=698.57' (8" PVC NW)
INV=700.25' (8" D.I. E) | 26 | RIM=704.02' (STORM)
48" CONCRETE STRUCTURE
INV=700.24' (19"X30" RCP N)
INV=700.24' (12" RCP E)
INV=700.24' (24" RCP S) |
| 10 | RIM=706.75' (SANITARY)
48" CONCRETE STRUCTURE
INV=697.23' (8" PVC SE/W) | 27 | RIM=703.23' (STORM)
48" CONCRETE STRUCTURE
UNABLE TO OPEN |
| 11 | RIM=706.65' (SANITARY)
48" CONCRETE STRUCTURE
INV=696.72' (8" PVC N/S/E) | 28 | RIM=704.15' (STORM)
60" CONCRETE STRUCTURE
INV=700.62' (19"X30" RCP N/S)
INV=700.62' (21" RCP W) |
| 12 | RIM=703.99' (STORM)
48" CONCRETE STRUCTURE
INV=700.44' (15" RCP NW)
INV=700.44' (12" RCP S)
INV=700.49' (12" RCP E) | 29 | RIM=704.32' (WATER)
48" CONCRETE STRUCTURE
5.15' TO TOP OF 12" MAIN E/W |
| 13 | RIM=705.29' (SANITARY)
48" CONCRETE STRUCTURE
INV=697.24' (8" PVC N)
INV=699.24' (6" PVC E) | 30 | RIM=707.62' (STORM)
48" CONCRETE STRUCTURE
INV=704.57' (12" RCP SW) |
| 14 | RIM=704.10' (STORM)
48" CONCRETE STRUCTURE
INV=700.73' (12" RCP N)
INV=700.80' (12" RCP SE/S) | 31 | RIM=707.67' (STORM)
48" CONCRETE STRUCTURE
INV=704.50' (12" RCP NE/SE) |
| 15 | RIM=704.17' (STORM)
24" CONCRETE STRUCTURE
INV=702.49' (12" RCP N) | 32 | RIM=708.25' (STORM)
60" CONCRETE STRUCTURE
INV=703.90' (12" RCP NW)
INV=701.00' (21" RCP E/W) |
| 16 | RIM=703.64' (STORM)
48" CONCRETE STRUCTURE
INV=700.88' (12" RCP N/W) | 33 | RIM=709.01' (STORM)
60" CONCRETE STRUCTURE
INV=701.56' (21" RCP E) |
| 17 | RIM=703.94' (STORM)
48" CONCRETE STRUCTURE
INV=701.31' (12" RCP NW/S) | 34 | RIM=709.14' (WATER)
60" CONCRETE STRUCTURE
5.10' TO TOP OF 12" MAIN E/W |
| | | 35 | RIM=705.35' (WATER)
48" CONCRETE STRUCTURE
5.65' TO TOP OF 10" MAIN N/S |
| | | 36 | RIM=704.67' (WATER)
48" CONCRETE STRUCTURE
NO PIPES VISIBLE |



SEE SHEET 1 FOR BOUNDARY DIMENSIONS & PROPERTY DESCRIPTIONS

LEGEND	
	PROPERTY LINE
	CENTER LINE
	EASEMENT LINE
	BUILDING SETBACK
	RECORD DATA
	SPOT GRADE
	BOTTOM OF GROUND (SURFACE)
	CONCRETE
	EVERGREEN/DECIDUOUS
	SHRUB/SHRUB LINE
	GAS VALVE
	TYPICAL SIGN
	FLARED END SECTION
	CLOSED MANHOLE
	OPEN GRATE MANHOLE
	BEEHIVE GRATE MANHOLE
	FIRE HYDRANT
	B-BOX/SERVICE VALVE
	MONITOR WELL
	POST LIGHT/GROUND LIGHT
	AREA LIGHT
	STREET LIGHT
	TRAFFIC SIGNAL
	MAST ARM SIGNAL
	HANDHOLE (electric/traffic)
	GAS METER
	ELECTRIC METER
	PEDESTAL (telecom,elec,cable)
	UTILITY POLE
	GUARDRAIL
	GUY WIRE ANCHOR
	CONTOUR LINE
	TREE LINE / HEDGE LINE
	EDGE GRAVEL/STONE
	FENCE LINE
	STORM SEWER
	SANITARY SEWER
	WATER MAIN
	OVERHEAD LINE
	GAS LINE
	U.G. TELCO LINE
	U.G. ELECTRIC LINE

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS

2675 Pratum Avenue
 Hoffman Estates, Illinois 60192
 Pkt: (224) 293-6333 FAX: (224) 293-6444
 www.wtengineering.com

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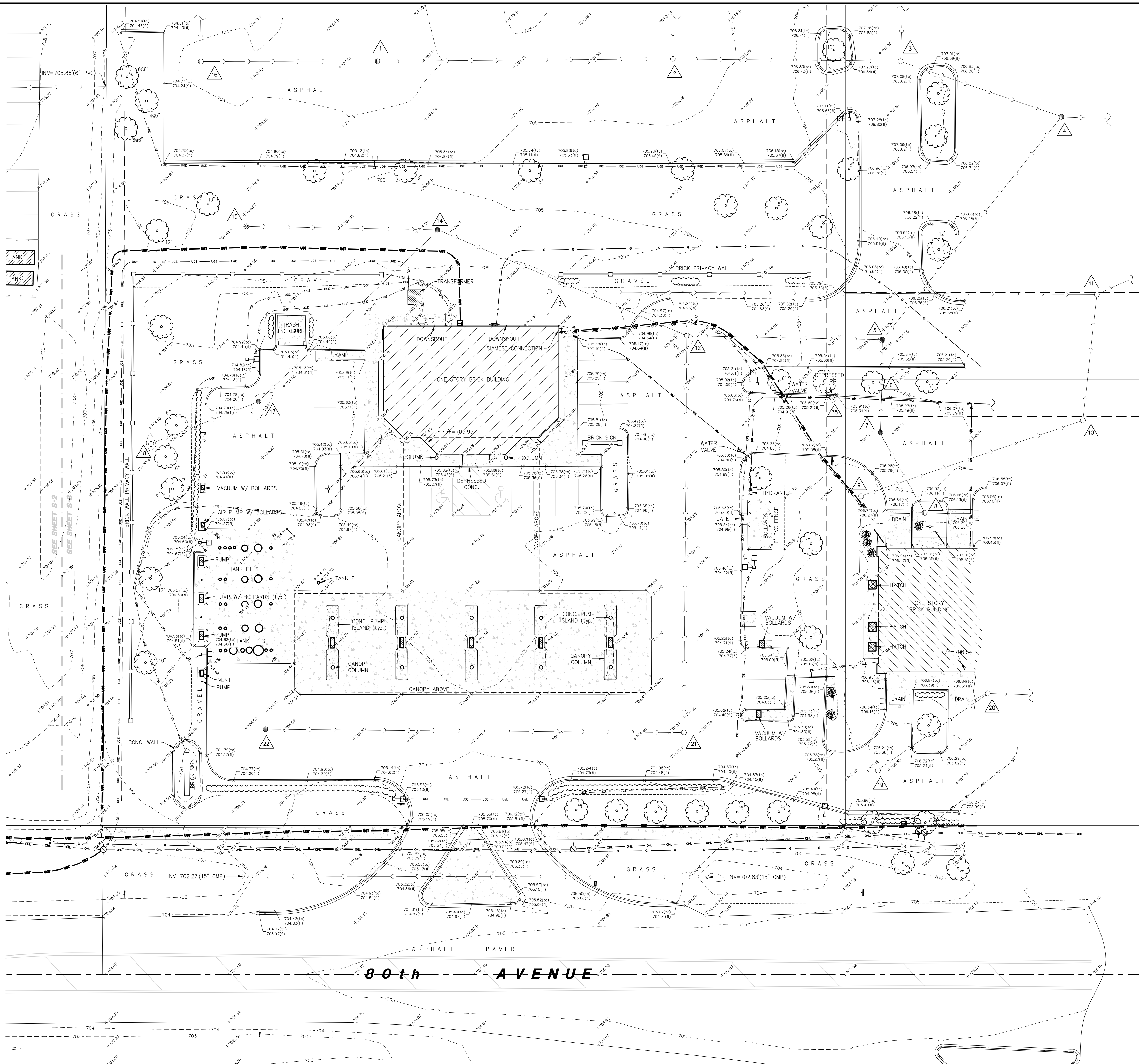
Established 1998

**ALTA / ACSM
LAND TITLE SURVEY**

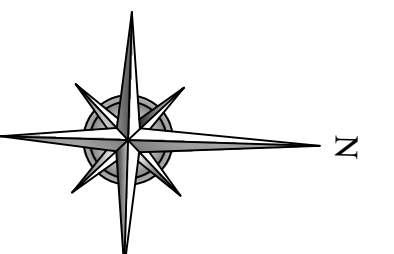
18460 80th AVENUE
TINLEY PARK, ILLINOIS
WILL COUNTY

SCALE	1"=20'	DATE	FILE NO.	#0001413
DRF TR				
CHKR			DWG. NO.	S14266
				SHEET 2 OF 3

ALTA / ACSM LAND TITLE SURVEY



- 1 RIM=703.26' (STORM)
48" CONCRETE STRUCTURE
INV=700.71' (12" RCP N/S)
- 2 RIM=704.06' (STORM)
48" CONCRETE STRUCTURE
INV=700.08' (18" RCP N)
- 3 RIM=706.57' (STORM)
48" CONCRETE STRUCTURE
INV=700.08' (18" RCP NE/S)
- 4 RIM=704.41' (STORM)
48" CONCRETE STRUCTURE
INV=699.78' (24" RCP N)
- 5 RIM=704.95' (STORM)
48" CONCRETE STRUCTURE
INV=700.12' (18" RCP NW)
- 6 RIM=706.01' (STORM)
48" CONCRETE STRUCTURE
INV=700.28' (12" RCP W)
- 7 RIM=704.95' (STORM)
48" CONCRETE STRUCTURE
INV=702.06' (12" RCP W/NE)
- 8 RIM=706.50' (STORM)
48" CONCRETE STRUCTURE
INV=703.25' (6" PVC N/S)
- 9 RIM=706.35' (SANITARY)
48" CONCRETE STRUCTURE
INV=698.57' (8" PVC NW)
- 10 RIM=706.75' (SANITARY)
48" CONCRETE STRUCTURE
INV=697.23' (8" PVC SE/W)
- 11 RIM=706.65' (SANITARY)
48" CONCRETE STRUCTURE
INV=696.72' (8" PVC N/S/E)
- 12 RIM=703.99' (STORM)
48" CONCRETE STRUCTURE
INV=700.44' (15" RCP NW)
- 13 RIM=705.29' (SANITARY)
48" CONCRETE STRUCTURE
INV=697.24' (8" PVC N)
- 14 RIM=704.10' (STORM)
48" CONCRETE STRUCTURE
INV=700.73' (12" RCP N)
- 15 RIM=704.17' (STORM)
24" CONCRETE STRUCTURE
INV=702.49' (12" RCP N)
- 16 RIM=703.64' (STORM)
48" CONCRETE STRUCTURE
INV=700.88' (12" RCP N/W)
- 17 RIM=703.94' (STORM)
48" CONCRETE STRUCTURE
INV=701.31' (12" RCP NW/S)
- 18 RIM=703.71' (STORM)
24" CONCRETE STRUCTURE
INV=701.57' (12" RCP NW)
- 19 RIM=705.16' (STORM)
24" CONCRETE STRUCTURE
INV=702.91' (12" RCP NW)
- 20 RIM=706.67' (STORM)
48" CONCRETE STRUCTURE
INV=702.72' (12" RCP SE)
- 21 RIM=704.13' (STORM)
48" CONCRETE STRUCTURE
INV=701.01' (12" RCP W/S)
- 22 RIM=704.04' (STORM)
24" CONCRETE STRUCTURE
INV=701.59' (12" RCP N)
- 23 RIM=702.85' (SANITARY)
48" CONCRETE STRUCTURE
INV=681.55' (24" RCP SW/E)
- 24 RIM=703.08' (WATER)
72" CONCRETE STRUCTURE
5.40' TO TOP OF 24" MAIN N/S
- 25 RIM=703.31' (SANITARY)
48" CONCRETE STRUCTURE
INV=682.45' (12" PVC N)
- 26 RIM=704.02' (STORM)
48" CONCRETE STRUCTURE
INV=700.24' (19"x30" RCP N)
- 27 RIM=703.23' (STORM)
48" CONCRETE STRUCTURE
UNABLE TO OPEN
- 28 RIM=704.15' (STORM)
60" CONCRETE STRUCTURE
INV=700.62' (19"x30" RCP N/S)
- 29 RIM=704.32' (WATER)
48" CONCRETE STRUCTURE
5.15' TO TOP OF 12" MAIN E/W
- 30 RIM=707.62' (STORM)
48" CONCRETE STRUCTURE
INV=704.57' (12" RCP SW)
- 31 RIM=707.67' (STORM)
48" CONCRETE STRUCTURE
INV=704.50' (12" RCP NE/SE)
- 32 RIM=708.25' (STORM)
60" CONCRETE STRUCTURE
INV=703.90' (12" RCP NW)
- 33 RIM=709.01' (STORM)
60" CONCRETE STRUCTURE
INV=701.56' (21" RCP E)
- 34 RIM=709.14' (WATER)
60" CONCRETE STRUCTURE
5.10' TO TOP OF 12" MAIN E/W
- 35 RIM=705.35' (WATER)
48" CONCRETE STRUCTURE
5.65' TO TOP OF 10" MAIN N/S
- 36 RIM=704.67' (WATER)
FROZEN STRUCTURE
NO PIPES VISIBLE



SCALE: 1" = 30'
00 15 30 60
BAR SCALE

SEE SHEET 1 FOR BOUNDARY DIMENSIONS & PROPERTY DESCRIPTIONS

LEGEND	
	PROPERTY LINE
	CENTER LINE
	EASEMENT LINE
	BUILDING SETBACK
	RECORD DATA
	TOP OF (GROUND, ETC.)
	SPOT GRADE
	BOTTOM OF (GROUND, UTILITY ETC.)
	CONCRETE
	EVERGREEN/DECIDUOUS
	SHRUB/SHRUB LINE
	GAS VALVE
	TYPICAL SIGN
	FLARED END SECTION
	CLOSED MANHOLE
	OPEN GRATE MANHOLE
	BEEHIVE GRATE MANHOLE
	VALVE VAULT
	FIRE HYDRANT
	B-BOX/SERVICE VALVE
	MONITOR WELL
	POST LIGHT/GROUND LIGHT
	AREA LIGHT
	STREET LIGHT
	TRAFFIC SIGNAL
	MAST ARM SIGNAL
	HANDHOLE (ELECTRIC/TRAFFIC)
	GAS METER
	ELECTRIC METER
	PEDESTAL (TELECOM, CABLE)
	UTILITY POLE
	GUARDRAIL
	GUY WIRE ANCHOR
	CONTOUR LINE
	TREE LINE / HEDGE LINE
	EDGE GRAVEL/STONE
	FENCE LINE
	STORM SEWER
	SANITARY SEWER
	WATER SERVICE LINE
	WATERMAIN
	OVERHEAD LINE
	GAS LINE
	U.G. TELCO LINE
	U.G. ELECTRIC LINE

W-T LAND SURVEYING, INC.
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ESTABLISHED 1998

Speedway

**ALTA / ACSM
LAND TITLE SURVEY**



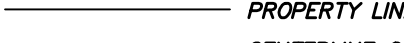

18460 80th AVENUE
TINLEY PARK, ILLINOIS
WILL COUNTY

SCALE	1"=20'	DATE	FILE NO.	#0001413
DRF TR				
CHKR			DWG. NO.	S14266
				SHEET 3 OF 3

PLAT OF ANNEXATION

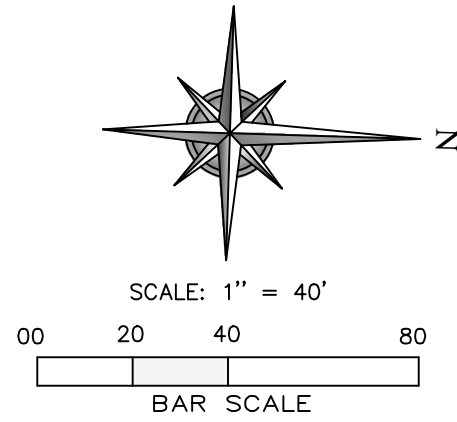
PERMANENT INDEX NUMBER (P.I.N. #):
PART OF 19-09-02-200-014

THE EAST 248.07 FEET OF THE SOUTH 350.00 FEET, EXCEPT THE EASTERLY 60 FEET THEREOF, OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 2, TOWNSHIP 45 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, ILLINOIS.

- LEGEND**
-  HEREBY ANNEXED TO THE VILLAGE OF TINLEY PARK
 -  CORPORATE LIMITS OF TINLEY PARK
 -  PROPERTY LINE
 -  CENTERLINE OF RIGHT OF WAY

VILLAGE OF TINLEY PARK CORPORATE LIMITS

WEST LINE OF THE EAST 622.29 OF THE NE 1/4 OF THE NE 1/4 OF SECTION 2-35-12



PART OF P.I.N. #19-09-02-200-014
UNINCORPORATED WILL COUNTY
UNSUBDIVIDED

LOT 33
TINLEY CROSSINGS CORPORATE CENTER PHASE 3
REC. 2/27/2001 PER DOC. #2001021137
P.I.N. #19-09-02-205-023
ZONED: M1 "GENERAL MANUFACTURING"

BOARD OF TRUSTEES CERTIFICATE

STATE OF ILLINOIS)
COUNTIES OF COOK/WILL)

APPROVED AND ACCEPTED BY THE BOARD OF TRUSTEES OF THE VILLAGE OF TINLEY PARK, COOK & WILL COUNTIES, ILLINOIS.

THIS _____ DAY OF _____ A.D. 20 ____ .

BY: _____ PRESIDENT ATTEST: _____ VILLAGE CLERK

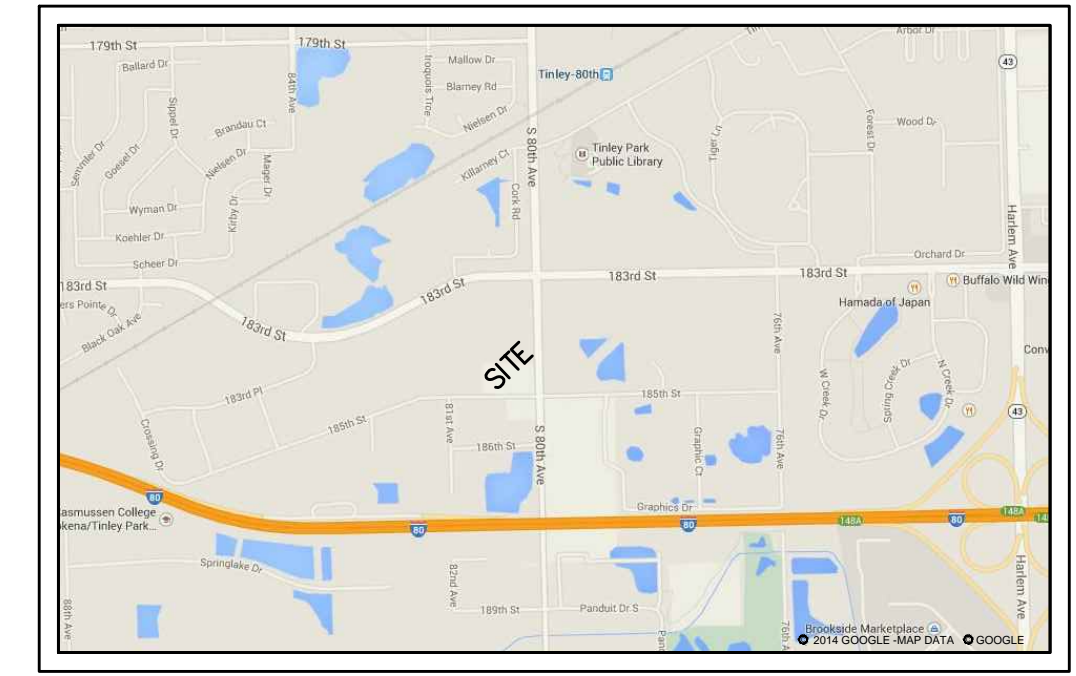
WILL COUNTY RECORDER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF WILL)

THIS INSTRUMENT _____ WAS FILED FOR RECORD IN THE RECORDER'S OFFICE OF WILL COUNTY, ILLINOIS, ON THE _____ DAY OF _____ A.D. _____ AT _____ O'CLOCK _____ M., AND

WAS RECORDED IN BOOK _____ OF PLATS ON PAGE _____

(DIRECTOR)



LOCATION MAP

OWNER'S CERTIFICATE

STATE OF _____ SS
COUNTY OF _____

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS THE OWNER OF THE LAND DESCRIBED IN THE ANNEXED PLAT, AND HAS CAUSED THE SAME TO BE ANNEXED, AS INDICATED THEREON, FOR THE USES AND PURPOSES THEREIN HAS CAUSED AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

DATED THIS _____ DAY OF _____ A.D. 20 ____ .

_____(TITLE)

_____(ADDRESS)

NOTARY'S CERTIFICATE

STATE OF _____ SS
COUNTY OF _____

I, _____, A NOTARY PUBLIC IN AND FOR SAID COUNTY, IN THE STATE AFORESAID, DO CERTIFY THAT _____ AND _____ OF SAID CORPORATION, IS PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THIS INSTRUMENT AS THEIR OWN FREE AND VOLUNTARY ACT AND AS THE FREE AND VOLUNTARY ACT OF SAID CORPORATION, AS GIVEN UNDER MY HAND AND NOTARIAL SEAL.

THIS _____ DAY OF _____ A.D. _____

MY COMMISSION EXPIRES _____

NOTARY PUBLIC

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, FRANJO I. MATIJC, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3556, HAVE PREPARED THIS PLAT FROM EXISTING PLATS AND RECORDS FOR THE PURPOSE OF ANNEXATION TO THE VILLAGE OF TINLEY PARK, ILLINOIS, AS SHOWN BY THE PLAT HEREON DRAWN. DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF.

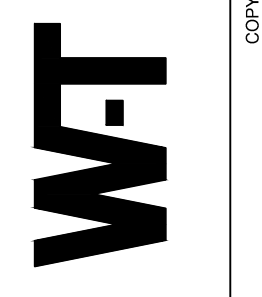
GIVEN UNDER OUR HAND AND SEAL THIS _____ DAY OF _____ A.D. _____ AT HOFFMAN ESTATES, ILLINOIS.

W-T LAND SURVEYING, INC. ILLINOIS

FRANJO I. MATIJC - PLS #035-003556 EXPIRES 11/30/2016
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004387

REVISIONS	DATE	BY
ISSUED PRELIMINARY FOR REVIEW	4/23/15	MO
ADDED ADDITIONAL PROPERTY LINE CALL OUTS	6/23/15	MO
REVISED WEST PROPERTY LINE	7/29/15	MO

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
2874 Primm Avenue
Hoffman Estates, Illinois 60182
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PLAT OF ANNEXATION

SCALE : 1"=30'

DRAWN : MWO

BOUNDARY : FIM

FIELD WORK : BSA

CHECK : FIM

JOB : S14266

SHEET

ANX-1

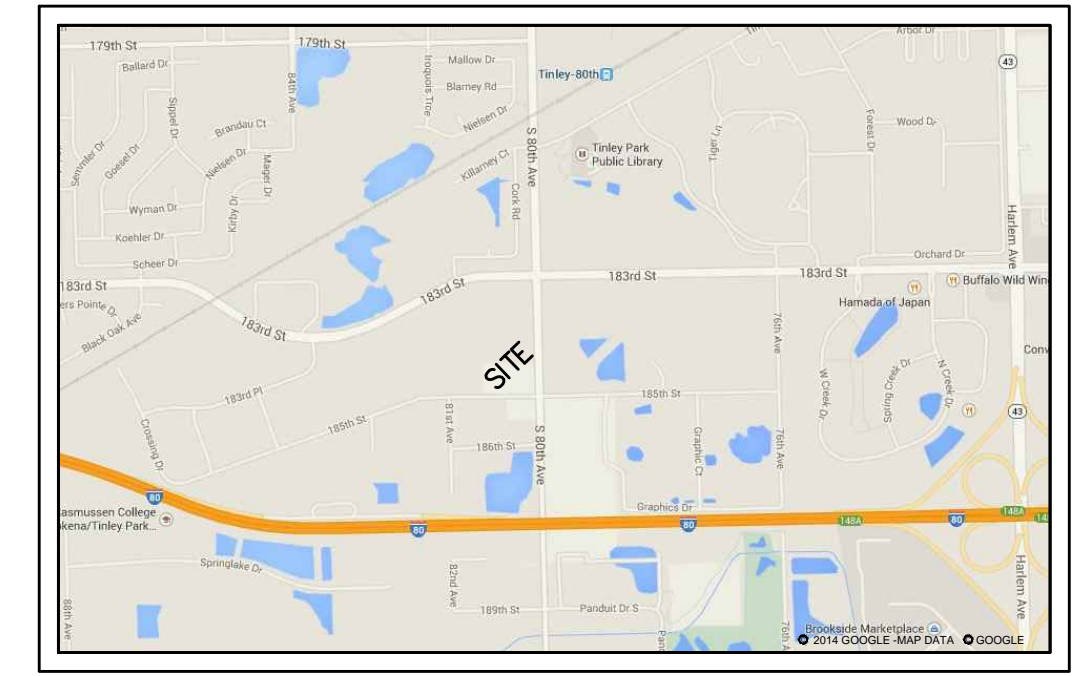
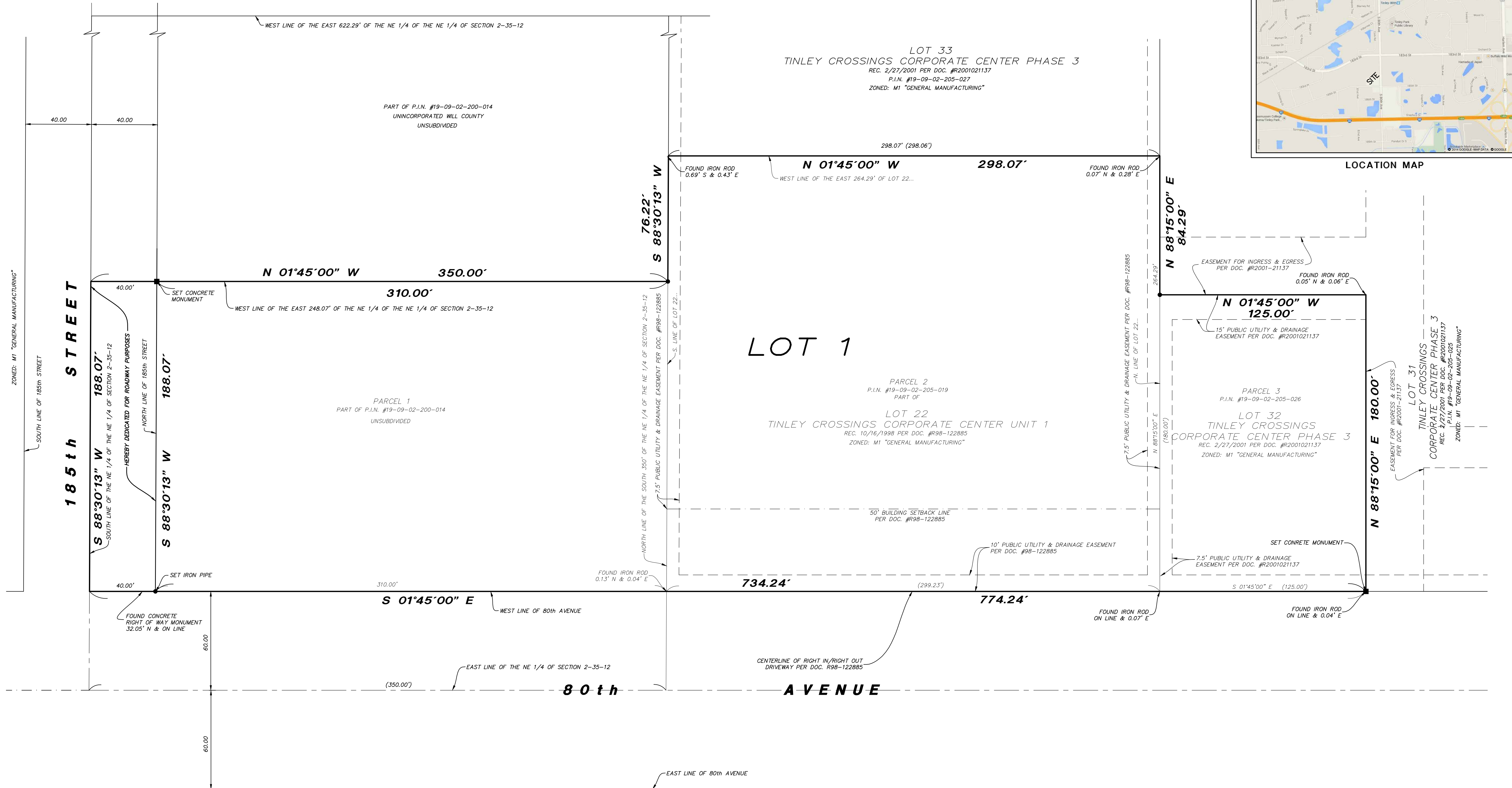
OF ONE SHEETS

ZONED: ORI PD "OFFICE & RESTRICTED INDUSTRIAL"

PRELIMINARY PLAT OF SPEEDWAY TINLEY PARK SUBDIVISION

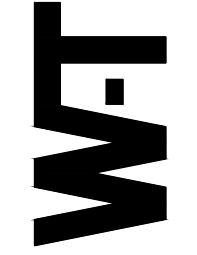
BEING PART OF THE NORTH HALF OF SECTION 2, TOWNSHIP 35 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, ILLINOIS.

PERMANENT INDEX NUMBER (P.I.N. #):
19-09-02-205-019
19-09-02-205-026
PART OF 19-09-02-200-014



REVISIONS	DATE	BY
ISSUED PRELIMINARY FOR REVIEW	4/23/15	MO
REVISED WEST LINE OF PARCEL 1 AND REISSUED FOR REVIEW	7/29/15	MO

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PRELIMINARY PLAT OF
SPEEDWAY TINLEY PARK SUBDIVISION

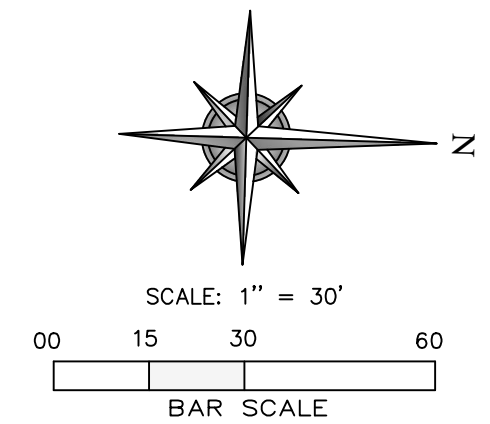
SCALE :	1"=30'
DRAWN :	MWO
BOUNDARY :	FIM
FIELD WORK :	BSA
CHECK :	FIM
JOB :	S14266
SHEET	SUB-1
OF TWO SHEETS	

LEGEND

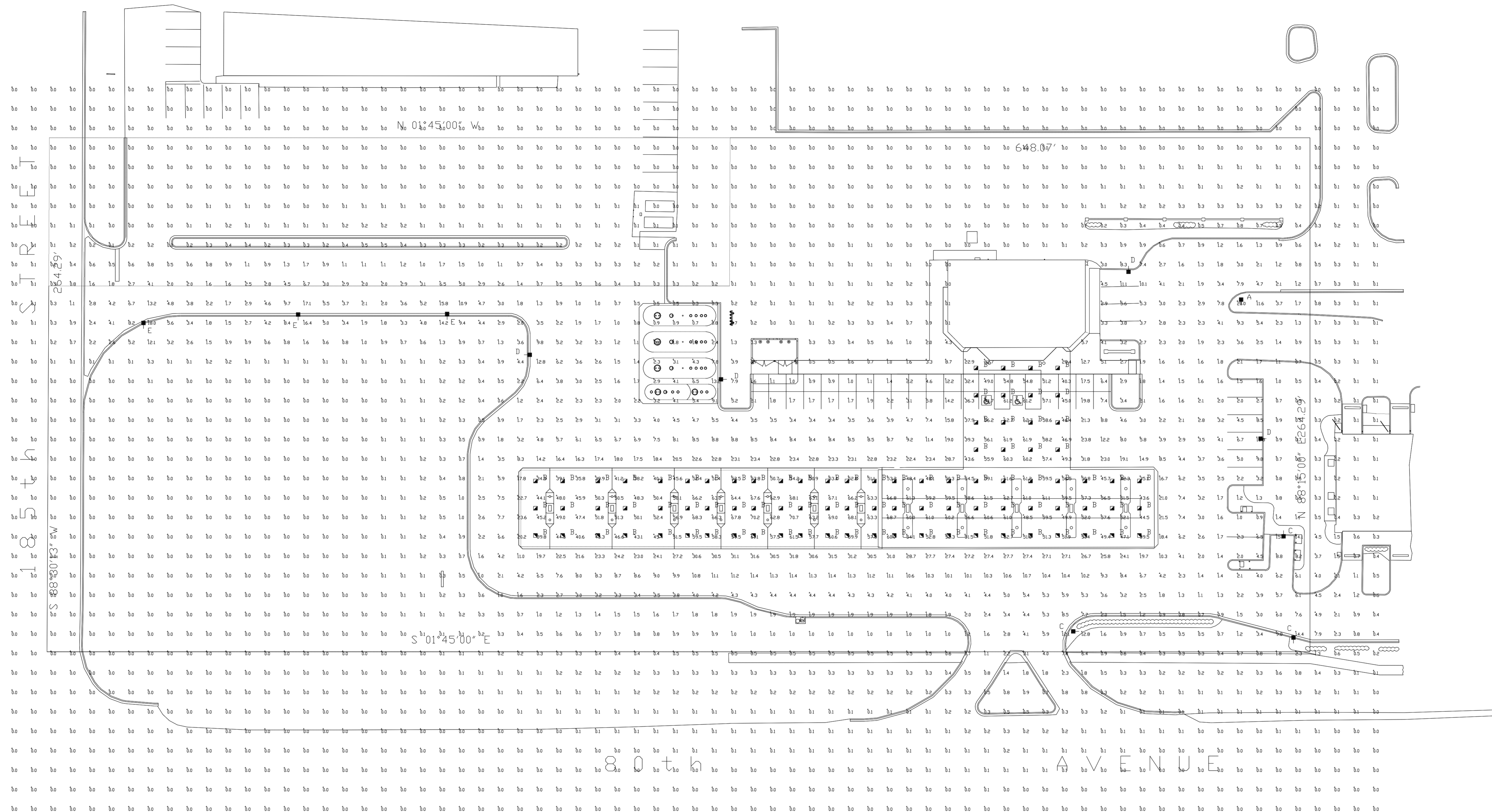
- EASEMENT (HEREBY GRANTED)
- EXISTING EASEMENTS HEREBY VACATED
- EXISTING EASEMENTS TO REMAIN
- PROPERTY LINE
- PROPOSED PROPERTY LINE
- CENTERLINE OF RIGHT OF WAY
- SET CONCRETE MONUMENT / SET IRON PIPE

NOTES:

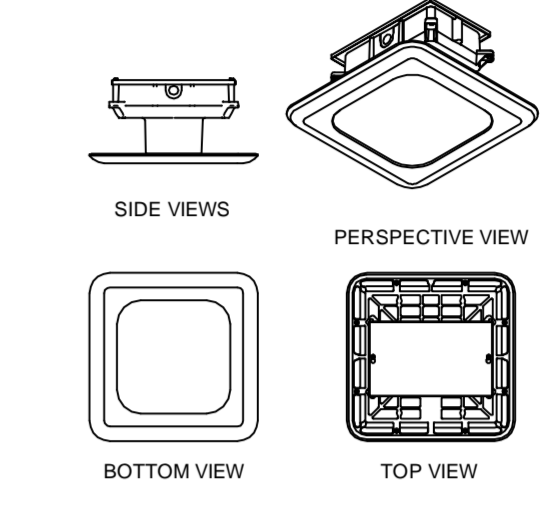
- PROPERTY AREA:
TOTAL: 3.840 ACRES (167,255 SQ. FT.)
R.O.W. HEREBY DEDICATED: 0.173 ACRES (7,523 SQ. FT.)
REMAINDER: 3.667 ACRES (159,732 SQ. FT.)
- FIELD WORK COMPLETED: JANUARY 6th, 2015
- PLAT (PARCEL 1) WAS PREPARED WITH THE AID OF A TITLE COMMITMENT PREPARED BY FIRST AMERICAN TITLE COMPANY, FILE NUMBER NCS-705990-CLE, HAVING AN EFFECTIVE DATE OF DECEMBER 3, 2014.
- PLAT (PARCEL 2 & 3) WAS PREPARED WITH THE AID OF A TITLE COMMITMENT PREPARED BY FIRST AMERICAN TITLE COMPANY, FILE NUMBER NCS-705989-CLE, HAVING AN EFFECTIVE DATE OF DECEMBER 3, 2014.
- ANY DISCREPANCIES FOUND WITHIN THIS DOCUMENT NEED TO BE REPORTED TO THE SURVEYOR AS SOON AS POSSIBLE.



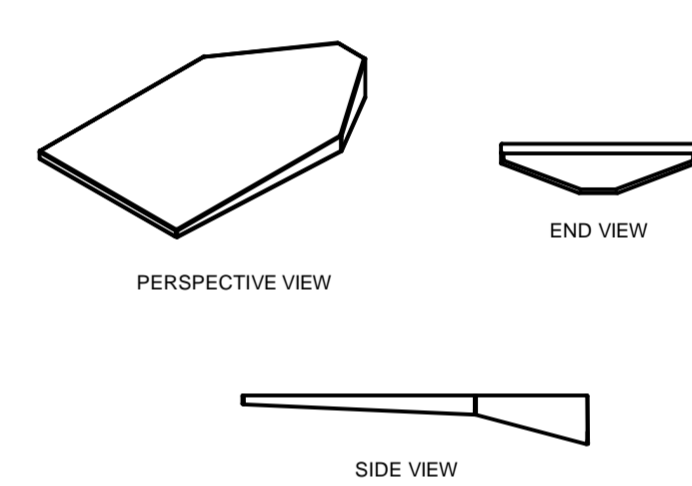
ZONED: ORI PD "OFFICE & RESTRICTED INDUSTRIAL"



CRUS-SC-LED
LED CANOPY LIGHT - LEGACY



XLCS
LED Crossover Area Light



Symbol	Qty	Label	Arrangement	Description	LLF	Lumens/Lamp	Arr. Lum. Lumens	Arr. Watts
	1	A	SINGLE	XLCS-5-LED-HD-CW-SINGLE-16' MT HGT EXISTING LOCATION	1.000	N.A.	15674	138.2
	88	B	SINGLE	CRUS-SC-LED-SS-CW-UE	1.000	N.A.	13554	114
	3	C	SINGLE	XLCS-FT-LED-SS-CW-SINGLE 16' MT HGT EXISTING LOCATION	1.000	N.A.	11383	96.2
	4	D	SINGLE	XLCS-FT-LED-SS-CW-SINGLE 16' MT HGT	1.000	N.A.	11383	96.2
	3	E	SINGLE	XLCS-3-LED-HD-CW-SINGLE 16' MT HGT	1.000	N.A.	13927	141.7

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	4.85	70.7	0.0	N.A.	N.A.
CANOPY	Illuminance	Fc	52.77	70.7	17.8	2.96	3.97
INSIDE CURB	Illuminance	Fc	7.01	31.8	0.5	14.02	63.60

Total Project Watts
Total Watts = 11269.7



LIGHTING PROPOSAL LD-128636

SPEEDWAY
18460 80th AVE
TINLEY PARK, IL

BY: MVE DATE: 7-30-15 REV: SHEET 1 OF 1

SCALE: 1"=30'

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted.

LED AREA LIGHTS - LSI SLICE SMALL (XLCS)



DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog strings.

LIGHT OUTPUT - XLCS					
		Lumens (Nominal)			Watts (Nominal)
		Type 3	Type FT	Type 5	
Cool White	SS	10100	11400	11400	97
	HO	13900	15500	15700	140
Neutral White	SS	9800	9200	9300	97
	HO	13800	12100	12200	140

LED Chips are frequently updated therefore values may increase.

US & Int'l. patents pending

SMARTTEC™ - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

ENERGY SAVING CONTROL OPTION - DIM - 0-10 volt dimming enabled with controls by others. Available with High Output (HO) drive current only.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

LEDS - Select high-brightness LEDs in Cool White (5000K), or Neutral White (4000K) color temperature, 70 CRI.

DISTRIBUTION/PERFORMANCE - Types 3, FT and 5. Exceptional uniformity creates bright environment at lower light levels. Internal Louver (IL) option available for improved backlight control without sacrificing street side performance for FT distribution.

HOUSING - One-piece, die-formed aluminum housing contains factory prewired driver. Wiring access door (with safety lanyard) located underneath.

OPTICAL UNIT - Clear tempered flat glass lens permanently sealed to weather-tight aluminum optic frame creates an IP65 rated optical unit (includes pressure-stabilizing breather).

MOUNTING - Tapered rear design allows fixtures to be mounted in 90° and 120° configurations without the need for extension arms. Use with 3" reduced drilling pattern. A round pole plate is required for mounting to round poles. Wall mount available by ordering wall mounting bracket (BKS-XBO-WM-* -CLR). Proprietary pole quick mount accessories available with horizontal mounting or fixed 15° angled mounting (PQMH-KIT-CLR and PQM15-KIT-CLR) for mounting to square poles. See Accessory Ordering Information chart for all brackets.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277 VAC (50/60Hz input), and 347-480 VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified).

DRIVER - Available in SS (Super Saver) and HO (High Output) drive currents. Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Available in black, bronze and white. Other standard LSI finishes available. Consult factory.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - One fixture: 17.5 lbs. (7.9 kg). Packed two per carton: 30 lbs. (13.6 kg).

LISTING - UL listed to U.S. and international safety standards. Suitable for wet locations. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



Fixtures comply with ANSI C136.1-2010 American National Standard for Roadway Lighting Equipment - Luminaire Vibration 1.5G requirements.







LED AREA LIGHTS - LSI SLICE SMALL (XLCS)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XLCS 5 LED SS CW UE BLK PCI120**

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
XLCS	3 - Type III 5 - Type V FT - Forward Throw	LED	SS - Super Saver HO - High Output	CW - Cool White (5000K) NW - Neutral White (4000K)	UE - Universal Voltage (120-277V) 347-480 Universal Voltage (347-480V)	BLK - Black BRZ - Bronze WHT - White	DIM - 0-10V Dimming (from external signal) available with High Output (HO) drive current only Button Type Photocells PCI120 - 120V PCI208-277V - 208-277V PCI347 - 347V IL - Internal Louver (available with FT distribution only)

LUMINAIRE EPA CHART - XLCS

 Single	0.4
 D180°	0.8
 D90°	0.6
 T90°	1.4
 TN120°	1.4
 Q90°	1.6

Note: House Side Shield adds to fixture EPA. Consult Factory.

ACCESSORY ORDERING INFORMATION

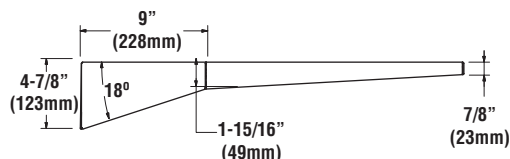
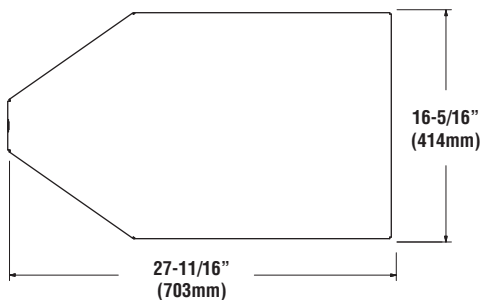
(Accessories are field installed)

Description	Order Number	Description	Order Number
BKS-XB0-WM-* -CLR Wall Mount Bracket	382132CLR	DFK208, 240 Double Fusing (208V, 240V)	DFK208, 240 ²
XLCS-3/FT-HSS House Side Shield (Black only)	603162BLK ¹	DFK480 Double Fusing (480V)	DFK480 ²
X4RPP Round Pole Plate for 4 Poles	379967CLR	FK347 Single Fusing (347V)	FK347 ²
X5RPP Round Pole Plate for 5 Poles	379968CLR	PQMH-KIT-CLR Square Pole Quick Mount Horizontal Bracket	582328CLR
FK120 Single Fusing (120V)	FK120 ²	PQM15-KIT-CLR Square Pole Quick Mount Bracket w/fixed 15° Angle	582329CLR
FK277 Single Fusing (277V)	FK277 ²		

FOOTNOTES:

- 1 - House Side Shields add to fixture EPA. Consult factory.
- 2 - Fusing must be located in the hand hole of pole.

DIMENSIONS



HOUSE SIDE SHIELD

