

# ADVANCE AUTO PARTS

1902 NORTHPORT DRIVE  
CITY OF MADISON  
DANE COUNTY, WISCONSIN



PROJECT LOCATION

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**D'ONOFRIO KOTTKE AND ASSOCIATES, INC.**

7530 Westward Way, Madison, WI 53717  
Phone: 608.833.7530 • Fax: 608.833.1089

**YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT**

**FN: 12-05-101**

**ISSUE DATE: 02-22-12**

**SHEET 1 OF 9**

**D'ONOFRIO KOTTKE AND ASSOCIATES, INC.**  
7530 Westward Way, Madison, WI 53717  
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COVER SHEET

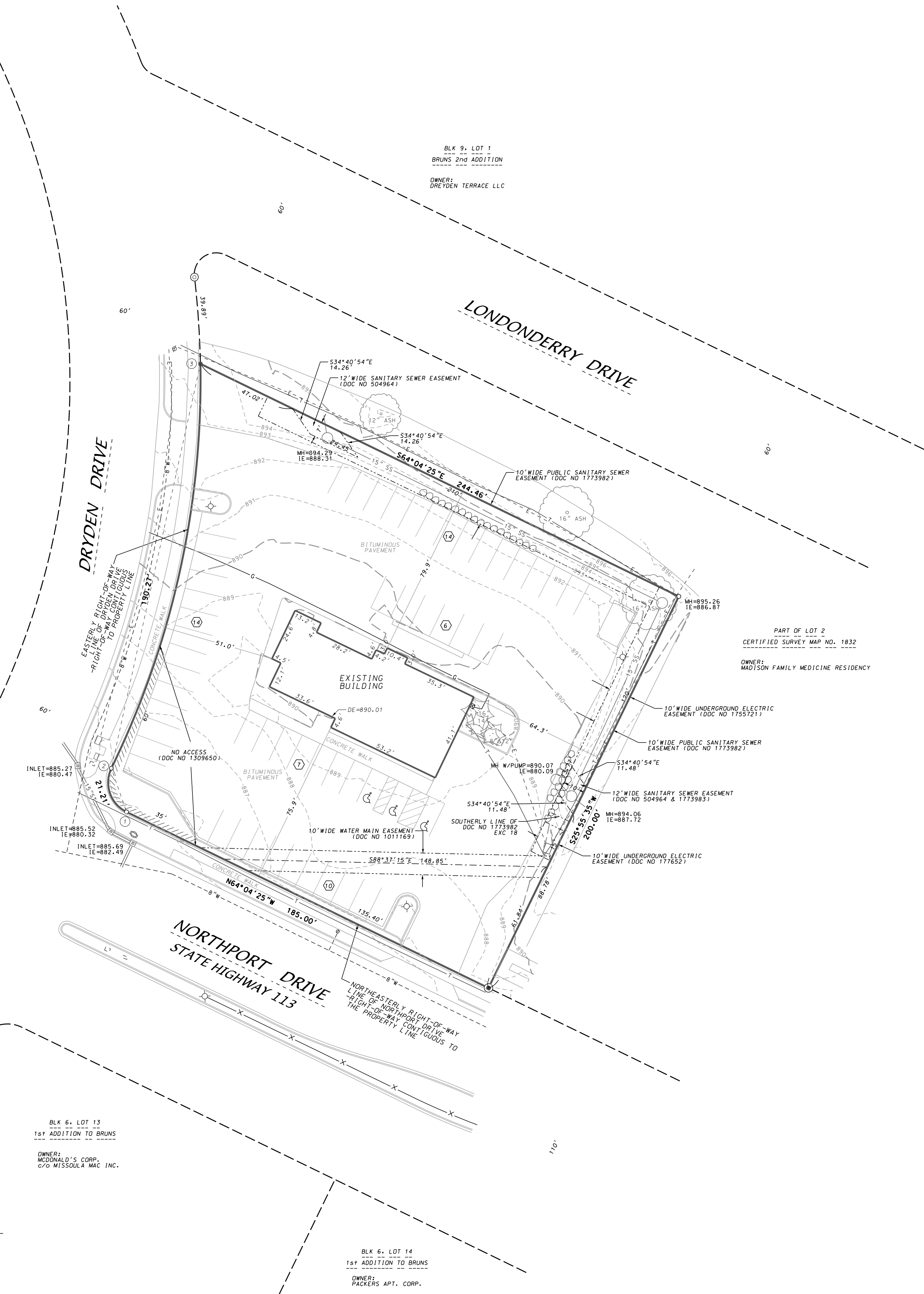
**ADVANCE AUTO PARTS**

1902 NORTHPORT DRIVE  
CITY OF MADISON, DANE COUNTY, WISCONSIN

DATE: 02-22-12  
REVISED:

FN: 12-05-101

Sheet Number:  
**1 of 9**

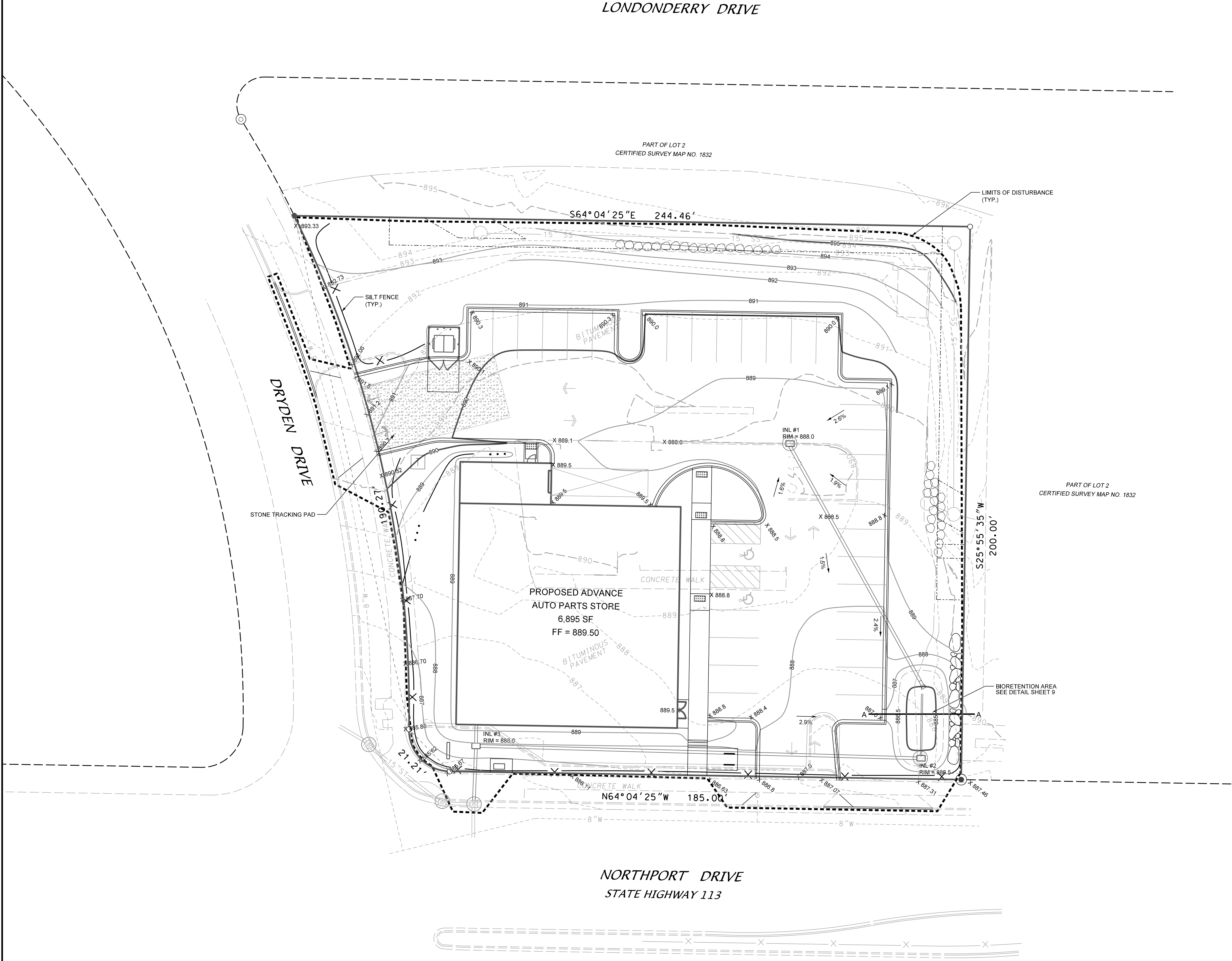


CURVE TABLE						
CURVE NUMBER	RADIUS (FEET)	CHORD (FEET)	ARC (FEET)	CHORD BEARING	CENTRAL ANGLE	TANGENT BEARING
1-2	15.00	21.21	23.56	N19°04'25"W	90°00'00"	2-N25°55'35"E
2-3	407.02	190.27	192.05	N12°24'33"E	27°02'04"	3-N01°06'29"W

2 of 9



3 of 9

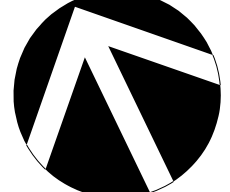



- LEGEND
- X 880.0 PROPOSED FINISHED PAVEMENT GRADE
  - 880 PROPOSED INDEX CONTOUR
  - 882 PROPOSED INTERMEDIATE CONTOUR
  - 884 EXISTING INDEX CONTOUR
  - 886 EXISTING INTERMEDIATE CONTOUR
  - INLET FILTER REQUIRED
  - LIMITS OF DISTURBANCE
  - SILT FENCE

- NOTES:
1. EROSION CONTROL PRACTICES SHALL BE PLACED AT THE COMMENCEMENT OF CONSTRUCTION. ALL PRACTICES SHALL BE INSPECTED AFTER A RAINFALL EVENT OF 0.5" OR GREATER AND/OR WEEKLY AND REPAIRED AS NECESSARY.
  2. THE CONTRACTOR SHALL INSPECT STREETS ADJACENT TO THE SITE A MINIMUM OF ONCE DAILY AND CLEAN AS NECESSARY. CLEANING SHALL BE BY SWEEPING AND NOT HYDRAULIC FLUSHING. MUD AND DEBRIS TRACKED ONTO CITY STREETS SHALL BE IMMEDIATELY CLEANED UP.
  3. INLET FILTERS FOR EXISTING INLETS SHALL BE INSTALLED AT THE COMMENCEMENT OF CONSTRUCTION. INLET FILTERS FOR NEW INLETS TO BE INSTALLED BY THE UTILITY CONTRACTOR AS SOON AS THE STRUCTURE IS SET. INLET FILTERS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL A SATISFACTORY STAND OF GRASS HAS BEEN ACHIEVED AROUND THE BUILDINGS, THEN REMOVED.
  4. ALL SLOPES 4:1 OR GREATER SHALL BE PROTECTED WITH EROSION MATTING AS SOON AS FINAL GRADE IS ESTABLISHED.
  5. EROSION MAT SHALL BE WDOT CLASS I, TYPE A, UNLESS OTHERWISE SPECIFIED.
  6. ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL, FERTILIZER, SEED, AND MULCH. SEED SHALL BE WDOT MIXTURE 40 APPLIED AT 2 POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL BE WDOT TYPE A APPLIED AT 6 POUNDS PER 1,000 SQUARE FEET. MULCH SHALL BE HAY OR STRAW APPLIED AT 1.5 TO 3 TONS PER ACRE AND CRIMPED. CHANGES TO ABOVE TYPES SHALL BE APPROVED BY ENGINEER. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR.
  7. UNTIL ACCEPTANCE OF THIS PROJECT, EROSION CONTROL MEASURES AS SHOWN ON THE APPROVED PLAN SHALL BE THE MINIMUM ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING EROSION CONTROL PROBLEMS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE CITY ENGINEER OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
  8. CHANGES TO THE APPROVED EROSION CONTROL PLAN SUBMITTED SHALL BE APPROVED BY THE CITY PRIOR TO IMPLEMENTATION.

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**YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT**

**SITE GRADING AND EROSION CONTROL PLAN**  
**ADVANCE AUTO PARTS**  
1902 Northport Drive  
City of Madison, Dane County, Wisconsin

  
**SCALE: 1"= 20'**  
(PAGE SIZE: 22x34)  
  
**DATE: 02-22-12**  
**REVISED:**  
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**DRAWN BY: DND**  
**FN: 12-05-101**  
**Sheet Number:**  
**4 of 9**

LONDONDERRY DRIVE

PART OF LOT 2  
CERTIFIED SURVEY MAP NO. 1832

S64°04'25"E 244.46'

EX MH  
RIM = 884.3  
IE = 886.3

EX MH  
RIM = 885.3  
IE = 886.9

DRYDEN DRIVE

8" X 6" TAPPING SLEEVE  
6" VALVE & BOX

21.21'

ABANDON EXISTING  
8" PVC STORM SEWER  
-CONTRACTOR TO FIELD LOCATE

INL#3  
RIM = 888.00  
IE = 879.93 (N)  
879.60 (S)

PROPOSED ADVANCE  
AUTO PARTS STORE  
6,895 SF  
FF = 889.50

IE = 880.09

8" - 8" PVC STORM  
SEWER @ 2.00%

161' - 12" ADS N-12 STORM SEWER @ 0.50%

20' - 12" ADS N-12 STORM SEWER @ 0.50%

EX INL  
TC = 885.7  
IE = 879.5

N64°04'25"W 185.00'

NORTHPORT DRIVE  
STATE HIGHWAY 113

INL#1  
RIM = 880.00  
IE = 885.50

9" - 4" PVC SANITARY  
SEWER @ 1/2" FT

EX MH  
W/ PUMP  
RIM = 890.1  
IE = 886.4 (E)  
883.88 (W)  
SUMP = 880.1

EX MH  
RIM = 894.1  
IE = 887.7

PART OF LOT 2  
CERTIFIED SURVEY MAP NO. 1832

S25°55'35"W  
200.00'

CONNECT TO EXISTING MH  
ABANDON EXISTING SAN. SEW.  
-CONTRACTOR TO FIELD LOCATE

12" RCP ENDWALL W/ GATE  
IE = 885.00

24" - 6" PERFORATED DRAIN  
TILE W/ SOCK

INL#2  
RIM = 886.50  
IE = 882.00 (N)  
880.40 (W)

SITE UTILITY NOTES

- 1) All site utility work shall comply with the City of Madison Code of Ordinances.  
All materials shall be in compliance with the City's Material Standards.
- 2) Sanitary sewer shall be SDR 35 PVC.
- 3) Site utility contractor shall coordinate work efforts involving any other utilities with their respective companies: MG&E, Charter, TDS, etc.

STORM SEWER STRUCTURE TABLE

ID	STRUCTURE TYPE	NEENAH CASTING
INL #1	2' X 3' PRECAST BOX	R-1878-B7G
INL #2	2' X 3' PRECAST BOX	R-1878-B7G
INL #3	2' X 3' PRECAST BOX	R-1878-B7L

SITE UTILITY PLAN

ADVANCE AUTO PARTS

1902 Northport Drive  
City of Madison, Dane County, Wisconsin



SCALE: 1"= 20'  
(PAGE SIZE: 22x34)

DATE: 02-22-12

REVISED:

X

DRAWN BY: DND

FN: 12-05-101

Sheet Number:

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LONDONDERRY DRIVE

PART OF LOT 2  
CERTIFIED SURVEY MAP NO. 1832

S64°04'25"E 244.46'

PART OF LOT 2  
CERTIFIED SURVEY MAP NO. 1832

S25°55'35"W  
200.00'

PROPOSED ADVANCE  
AUTO PARTS STORE  
6,895 SF  
FF = 889.50

N64°04'25"W 185.00'

NORTHPORT DRIVE

STATE HIGHWAY 113

LANDSCAPE PLAN



0 20 40 60  
SCALE: 1"=20'-0"

GENERAL NOTES

A) Individual trees (and shrub groupings) found along perimeter of property as well as those found within lawn areas to receive wood mulch rings (and wood mulch beds) consisting of a mixture of recycled wood mulch, colored brown, spread to a minimum 3" depth (3' wide beds for shrub groupings).

B) Plant beds adjacent to building to be mulched with 1-1/2" diameter washed stone mulch spread to a 3" depth over fabric weed barrier and to be edged with Valley View Black Diamond Vinyl Edging or equivalent.

C) Lawn areas shall be finish-graded and seeded at a rate of 4 lbs. per 1,000 sq. ft.

H) Seed shall consist of the following mixture:

40% Palmer Ryegrass  
20% Baron Bluegrass  
20% Nassau Bluegrass  
20% Pennlawn Creeping Red Fescue

CITY OF MADISON

LANDSCAPE POINTS REQUIREMENTS

NUMBER OF PARKING STALLS 33  
NUMBER OF 2" MIN. CAL. TREES REQUIRED 3  
NUMBER OF LANDSCAPE POINTS REQUIRED 159.7

NUMBER OF LOADING DOCKS 1  
NUMBER OF LOADING DOCK POINTS REQUIRED 75

TOTAL NUMBER OF POINTS REQUIRED 234.7

SOLUTION

5 CANOPY TREES (2"-2 1/2") @ 35 PTS. 175  
9 EVERGREEN TREES (3' HT.) @ 15 PTS. 135

TOTAL POINTS 310

Plant Material List

Broadleaf Deciduous

Quantity	Code Name	Common Name	Planting Size
2	CMCA	Candy mint Crabapple	1 3/4" B&B
3	FCS	Firebird Crabapple (std)	1 3/4" B&B
4	SHL	Skyline Thnls Honeylocust	2" B&B
2	SSM	State Street Miyabe Maple	2" B&B
2	TE	Triumph Elm	2" B&B

Conifer Evergreen

Quantity	Code Name	Common Name	Planting Size
5	BHS	Black Hills Spruce	4' B&B
1	BCS	Blue Colorado Spruce	4' B&B
3	EWP	Eastern White Pine	4' B&B
6	EA	Emerald Arborvitae	4' B&B
6	KCJ	Kallay Compact Juniper	#5 CONT.
6	TA	Techny/mission Arborvitae	4' B&B

Perennial

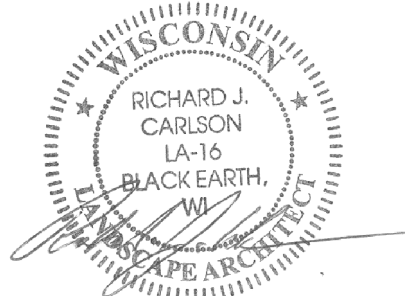
Quantity	Code Name	Common Name	Planting Size
3	KFG	Karl Foerster's Feather Reed Grass	#1 CONT.

Shrub

Quantity	Code Name	Common Name	Planting Size
12	AMBC	Autumn Magic Black Chokeberry	#5 CONT.
6	CB	Cabernet Barberry	#2 CONT.
18	FS	Froebel Spirea	#2 CONT.
1	ISLT	Ivory Silk Japanese Tree Lilac (tf)	2" B&B
8	NFS	Neon Flash Spirea	#2 CONT.
10	TBS	Tor Birchleaf Spirea	#2 CONT.
1	TWE	Tures Winged Euonymus	#3 CONT.

Bioretention Plant Plug List

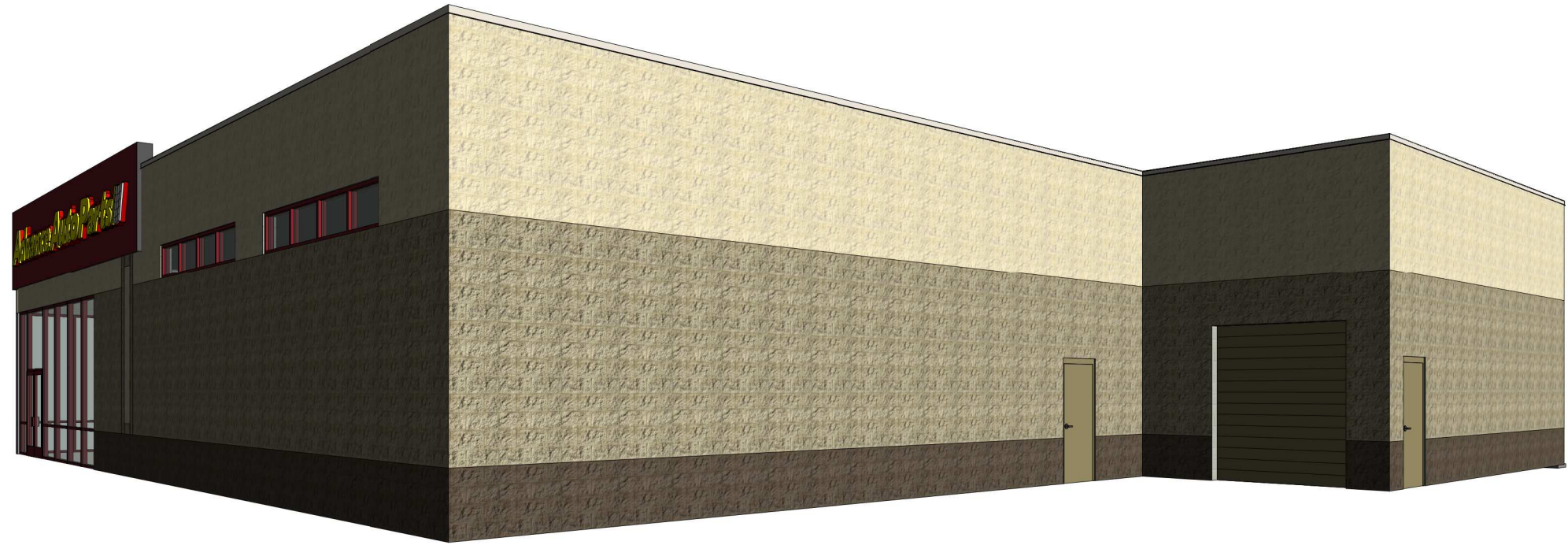
32	Marsh Milkweed	Asclepias incarnata
32	New England Aster	Aster novae-angliae
32	Joe Pye Weed	Eupatorium maculatum
32	Ox Eye Sunflower	Helopsis helianthoides
32	Riddell's Goldenrod	Solidago riddellii



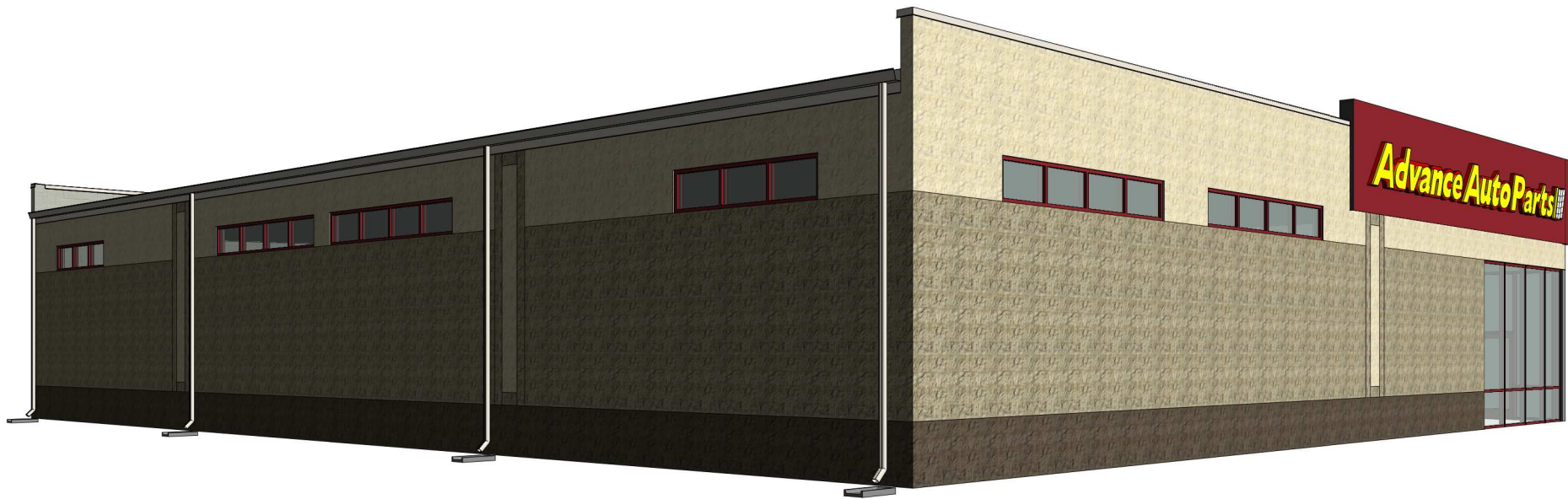
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2/21/2012 11:37:51 AM

MODIFIED SIZE 23, 34



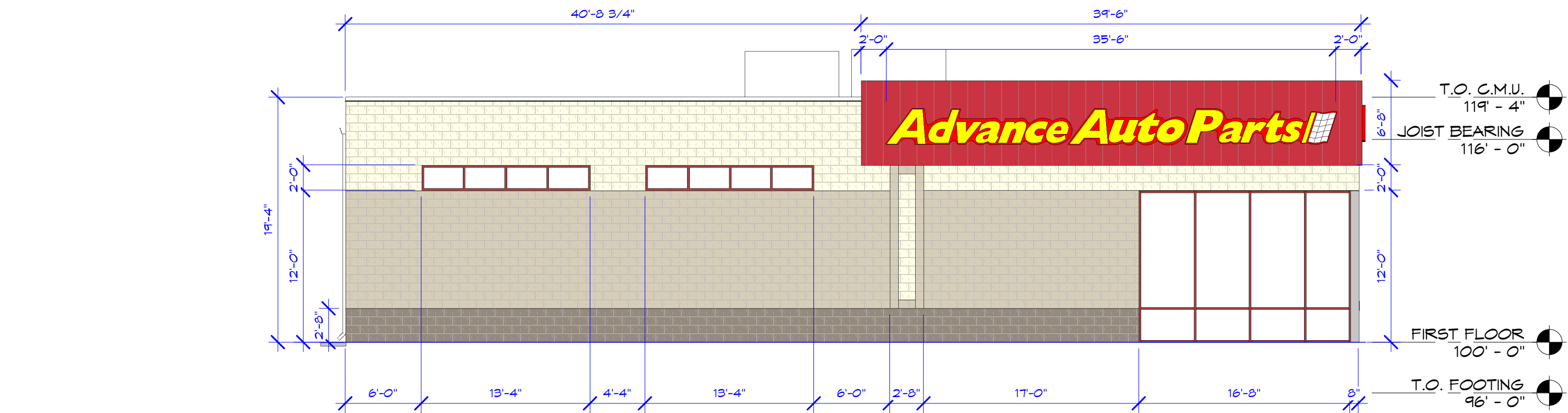
7 PRELIMINARY PERSPECTIVE NORTHEAST



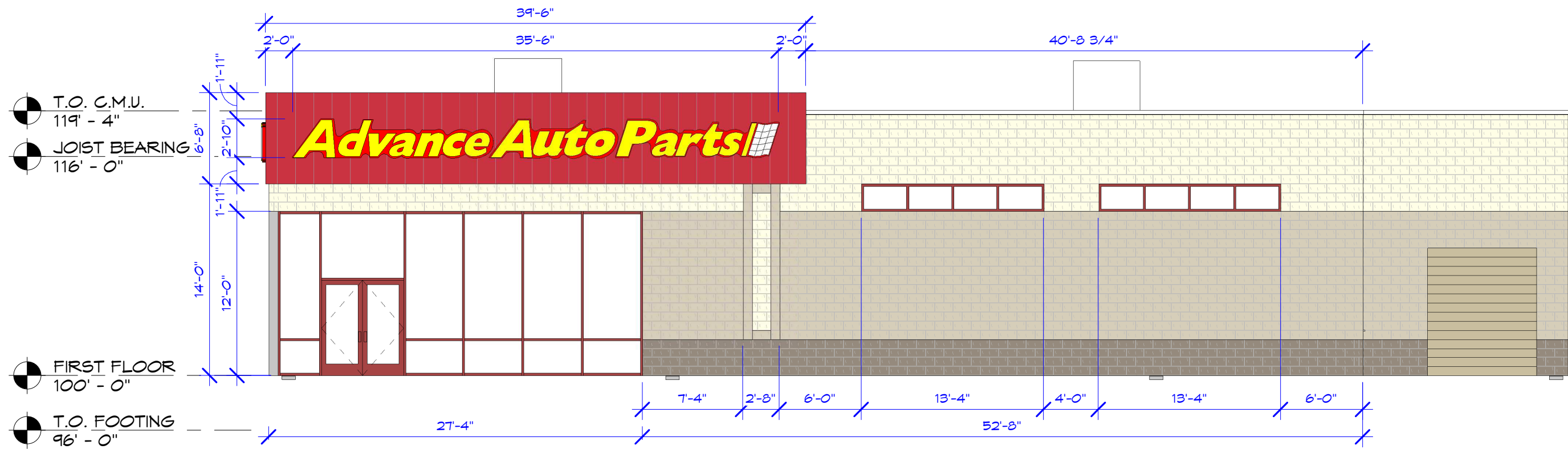
6 PRELIMINARY PERSPECTIVE SOUTHWEST



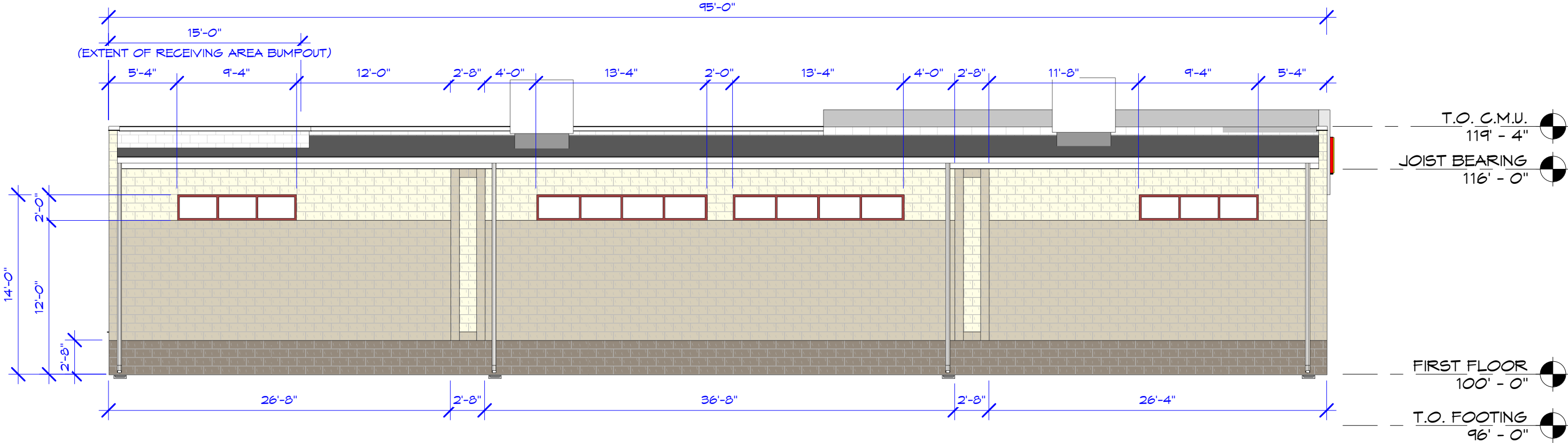
5 PRELIMINARY PERSPECTIVE SOUTHEAST



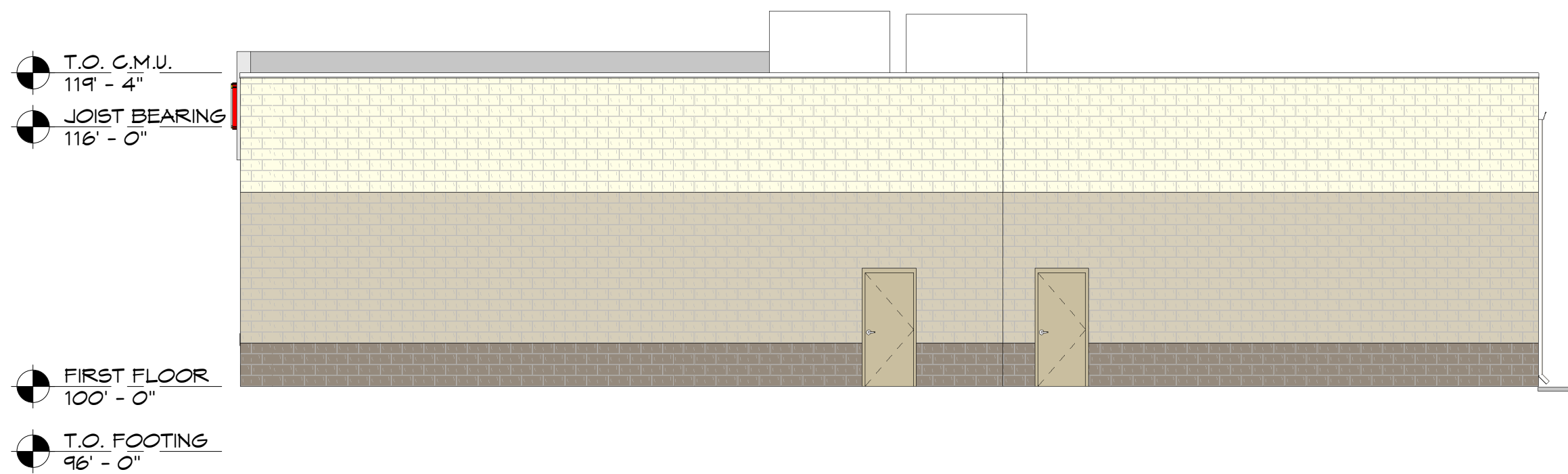
4 SOUTH ELEVATION



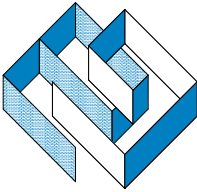
3 EAST ELEVATION



2 WEST ELEVATION



1 NORTH ELEVATION

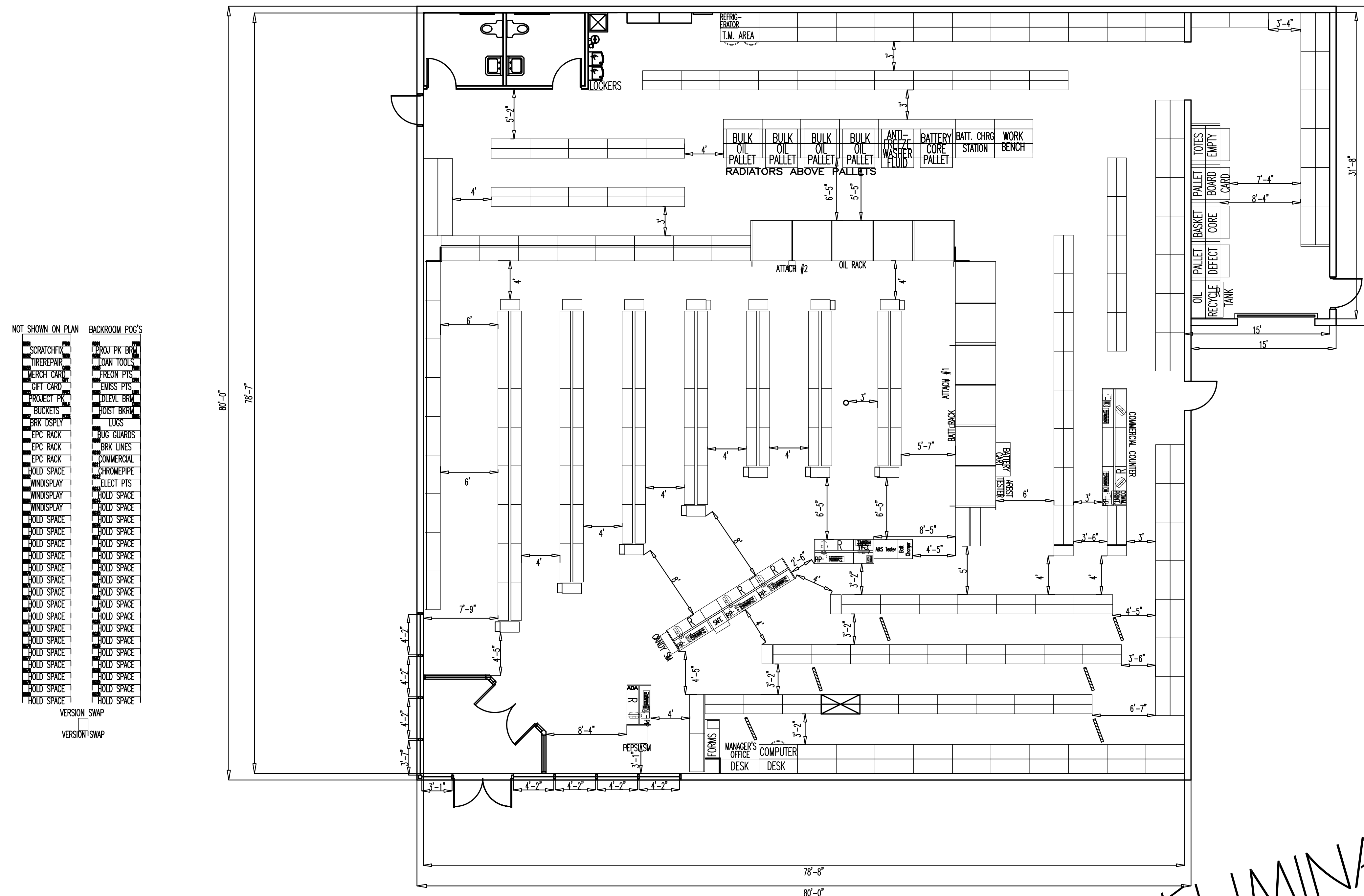


REVISIONS		DATE	DESCRIPTION
REV	DATE	DESCRIPTION	
1	12/22/11	REVISED 56 PLAN - CORNER ENTRY PER CITY RESTRICTIONS	

DATE:	02/17/12	GROSS BLD. SIZE:	
JOB #:	12-011	DRAWN BY:	SJT
		CHECK BY:	

80' X 80'

ALL REPORTS, PLANS, SPECIFICATIONS, FIELD  
DATA AND NOTES AND OTHER DOCUMENTS  
INCLUDING ALL DOCUMENTS ON ELECTRONIC  
MEDIA PREPARED BY THE DESIGN  
PROFESSIONAL AS INSTRUMENTS OF SERVICE  
SHALL REMAIN THE PROPERTY OF THE  
DESIGN PROFESSIONAL. DISSEMINATION MAY  
NOT BE MADE WITHOUT PRIOR CONSENT OF  
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## GENERAL INFORMATION

## NOTES

### Linear Foot / Fixture Comparison

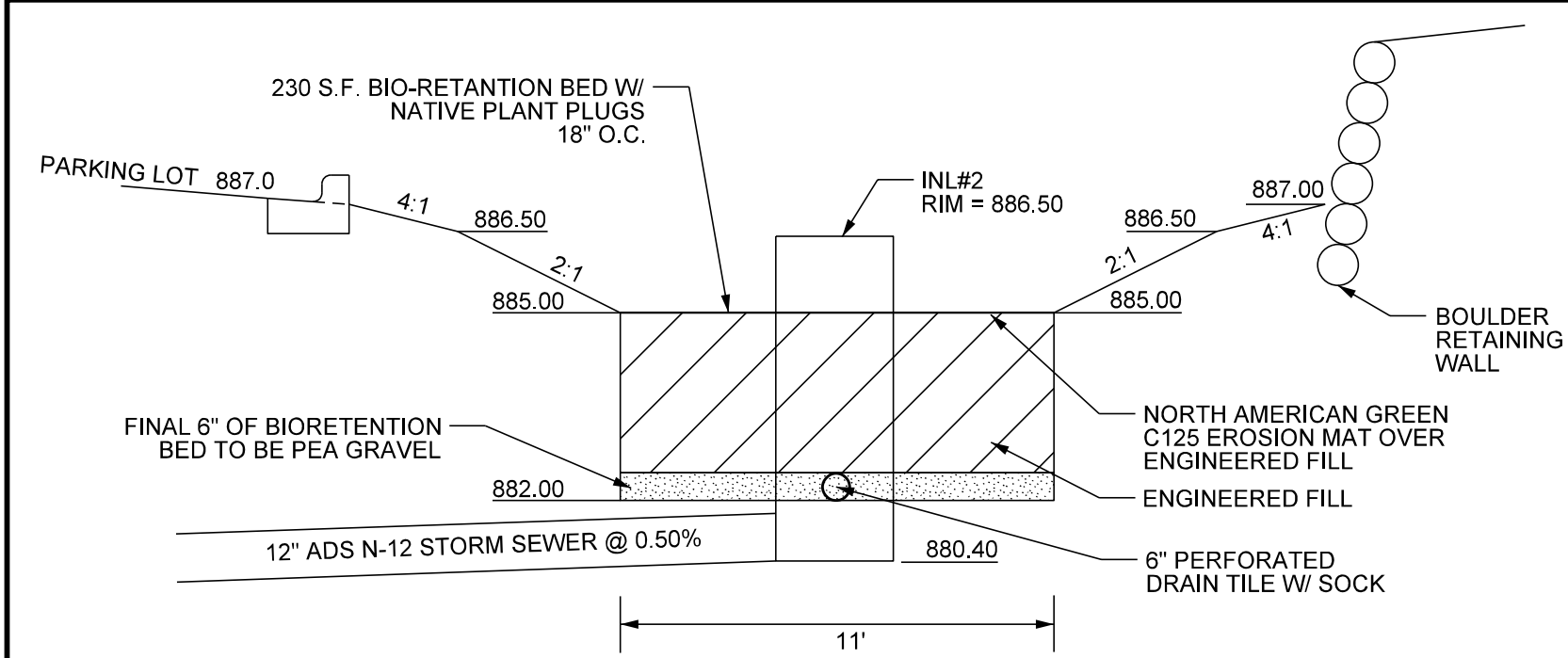
WALL SECTIONS/FOOTAGE	19	76'
GONDOLA SECTIONS (2-SIDED)/FOOTAGE	38	304'
GONDOLA ENDCAPS	14	
PARTS (24"-36" DEEP) SECTS/FOOTAGE	37	148'
PARTS (12"-18" DEEP) SECTS/FOOTAGE	128	512'
TOTAL PARTS SECTS/FOOTAGE (144")	165	792'
INV MGT REQUESTS	185-208	740-830'
PARTS ENDCAPS	4	
PARTS UPRIGHT HEIGHT	144"	144"

## POST REC REVISIONS

PRELIMINARY

8 of 9

7 DRAWN BY:  
KS

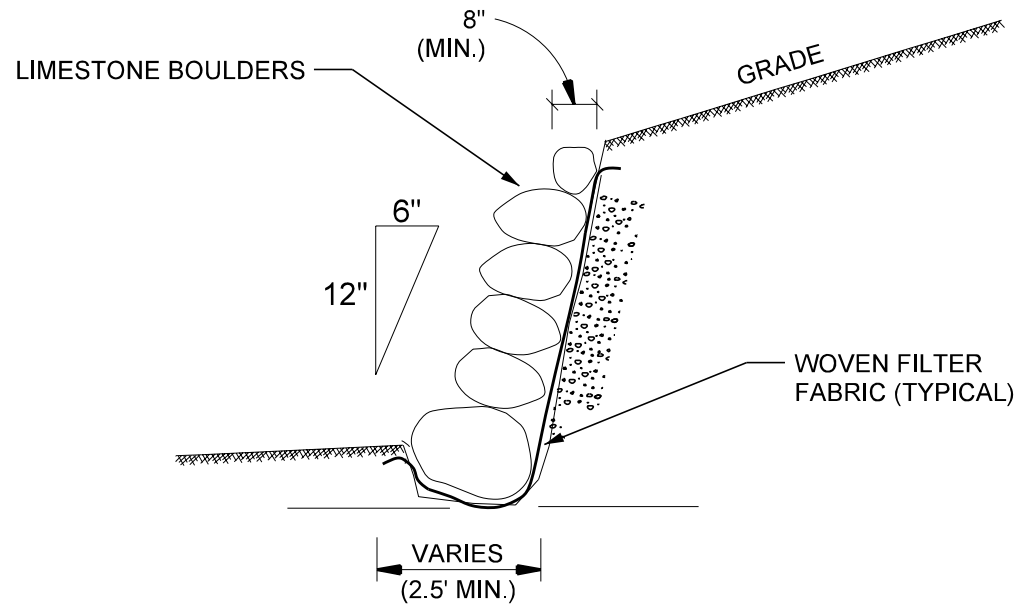


BIO-RETENTION DETAIL A-A  
NOT TO SCALE

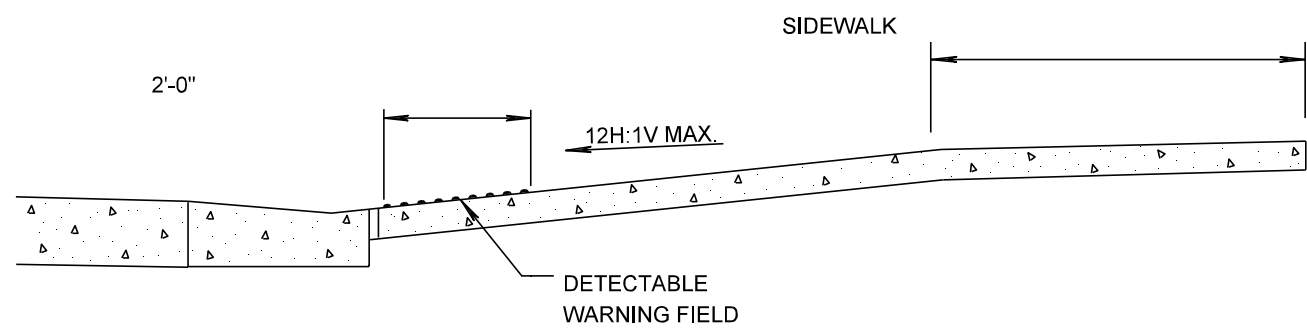
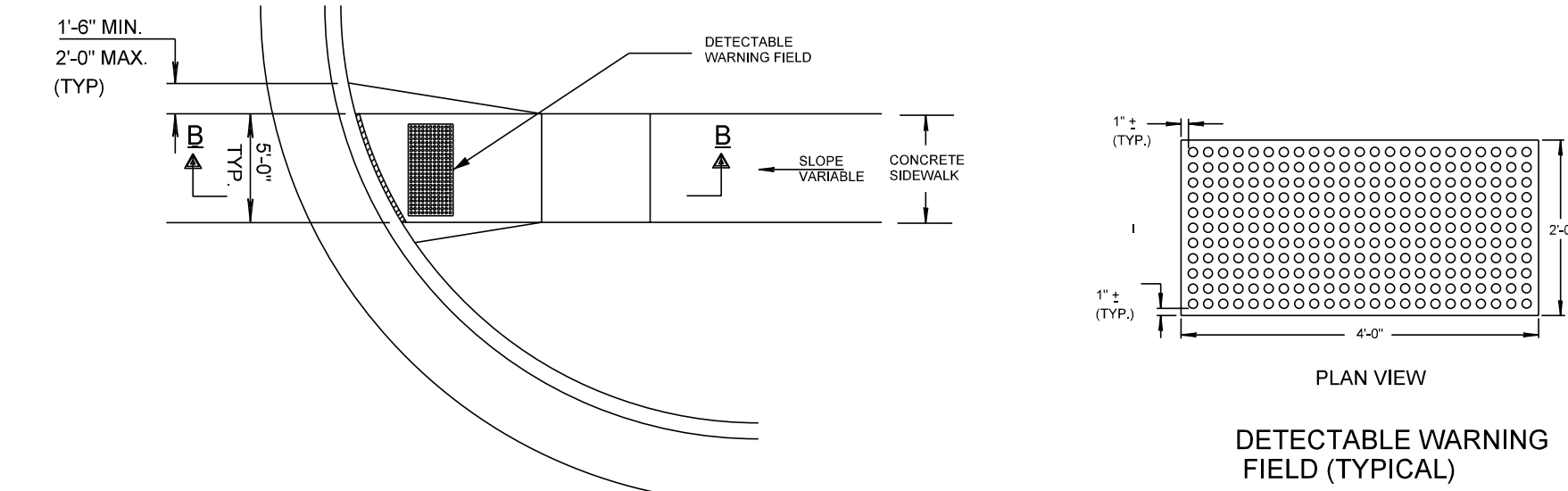
BIORETENTION NOTES

- A) The basin shall be constructed per the Wisconsin DNR Technical Standard 1004.
- B) Basin shall be installed after the parking lots and drives are paved and concurrent with final landscaping and resotation
- C) The basin shall be excavated to within 1-foot of final grade at the time the site is rough graded to allow sediment to be captured during site work. Once the site is paved and being restored, the basin shall be excavated to finished grade and the engineered soil placed at that time.
- D) During construction, basin area shall be kept free of compaction by heavy equipment and materials.
- E) The engineered fill shall be a mixture of 70-85% coarse sand and 15-30% compost meeting the following requirements:
- Sand - USDA coarse sand 0.02 to 0.04 inch diameter pre-washed and well drained or dry prior to mixing
- Compost - shall meet the requirements of Wisconsin DNR S100
- F) The engineered soil mix shall be free of rock, roots, and debris over 1" in diameter.
- G) Contractor shall excavate for engineered soil and place engineered fill in a manner that minimizes compaction of fill and subgrade.

- NOTES:
- 1.) NOTE FILTER FABRIC TO BE PLACED BEHIND THE WALL UNLESS OTHERWISE SPECIFIED
- 2.) MAXIMUM HEIGHT OF SINGLE COURSE OF WALL TO BE 7 FEET. IF RETAINING WALLS GREATER THAN 7' HIGH ARE NEEDED, MULTIPLE COURSES OF WALL WILL BE USED WITH A 6' WIDE BENCH BETWEEN COURSES.

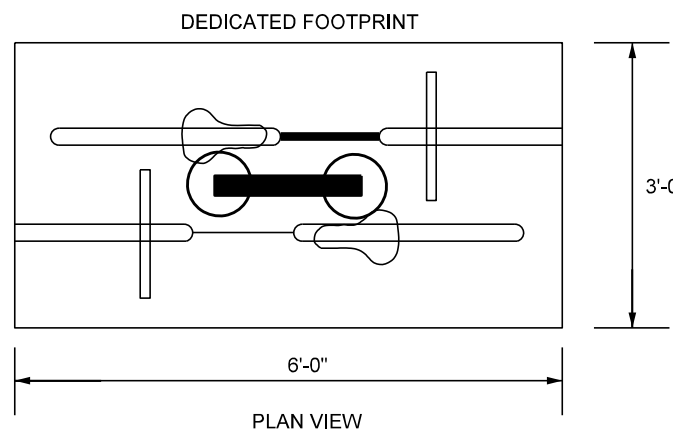
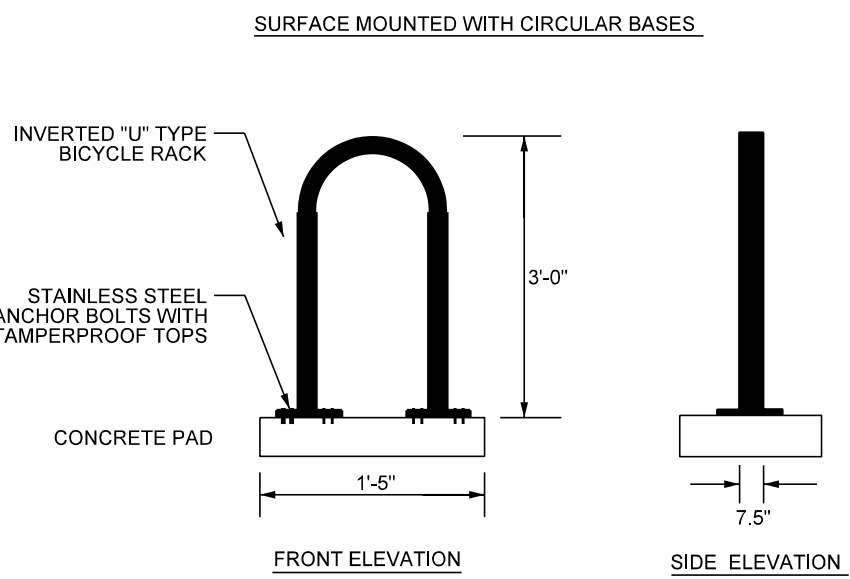


RETAINING WALL DETAIL  
NOT TO SCALE



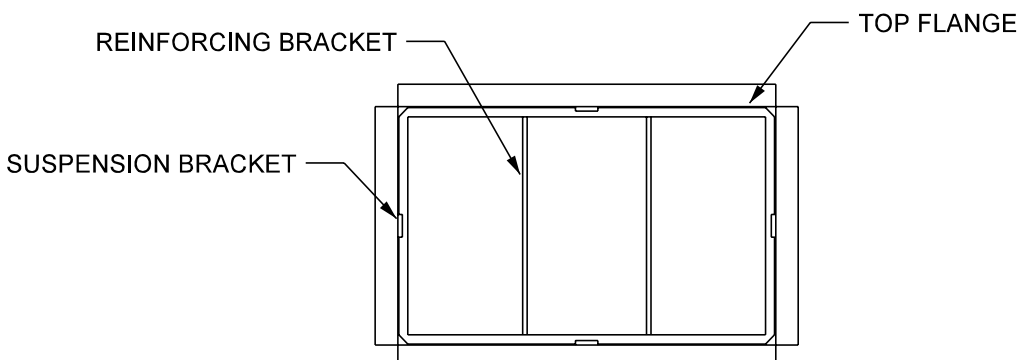
SECTION B-B

CURB RAMP DETAIL  
NOT TO SCALE

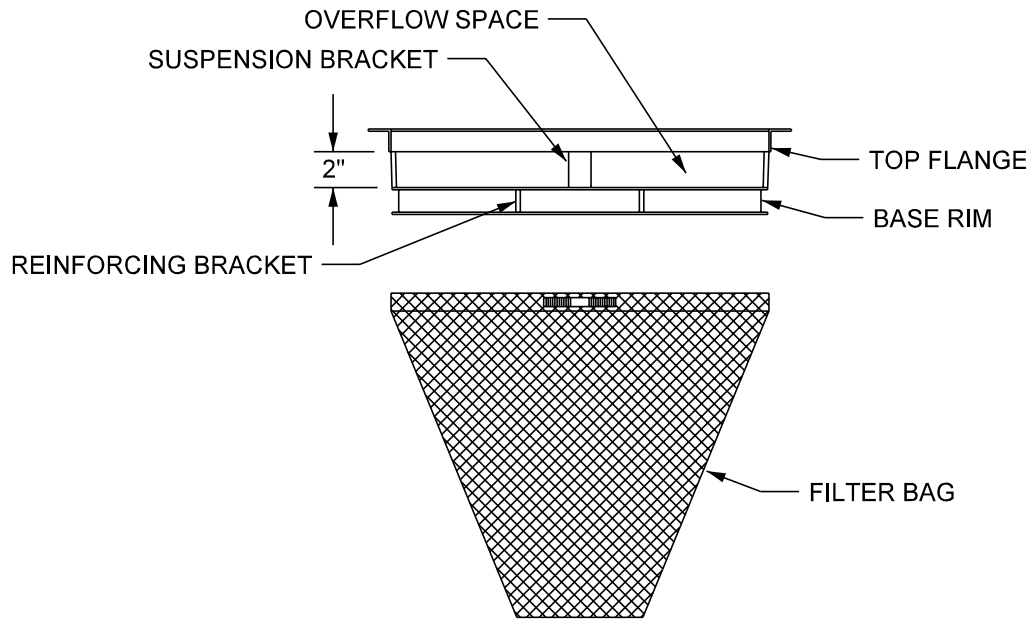


BIKE RACK DETAIL  
NOT TO SCALE

- NOTES:
- 1.) FRAME: Top flange fabricated from 1 1/4"x1 1/4"x 1/8" angle. Base rim fabricated from 1 1/2"x 1/2"x 1/8" channel.
- 2.) Handles and suspension brackets fabricated from 1 1/4"x 1/4" flat stock. All steel conforming to ASTM-A36.
- 3.) SEDIMENT BAG: Bag fabricated from 4 oz./sq.yd. non-woven polypropylene geotextile reinforced with polyester mesh. Bag secured to base rim with a stainless steel band and lock.
- 4.) Overall frame dimensions to be compatible with inlet casting dimensions.

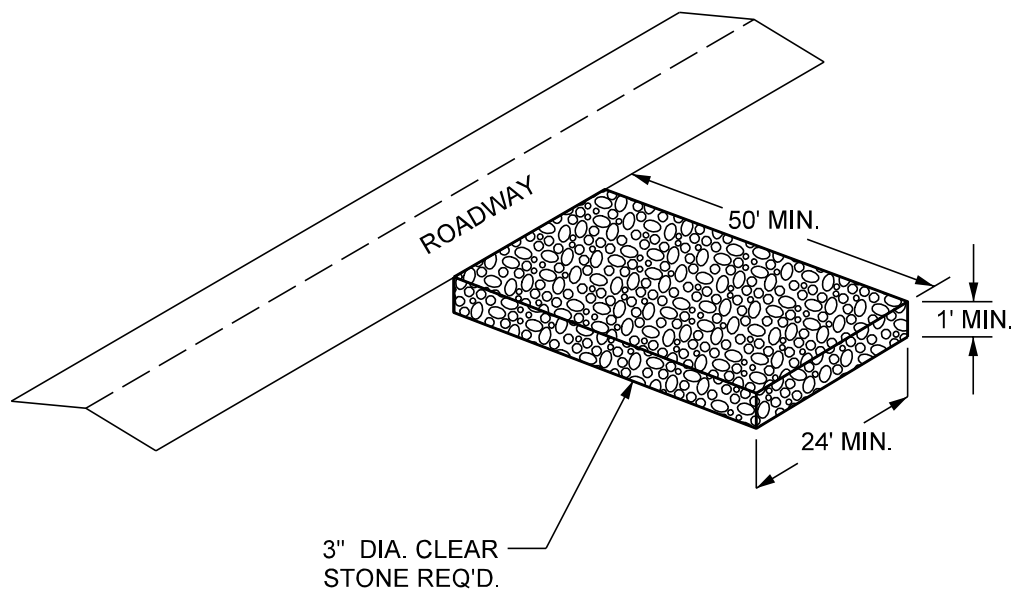


TOP VIEW

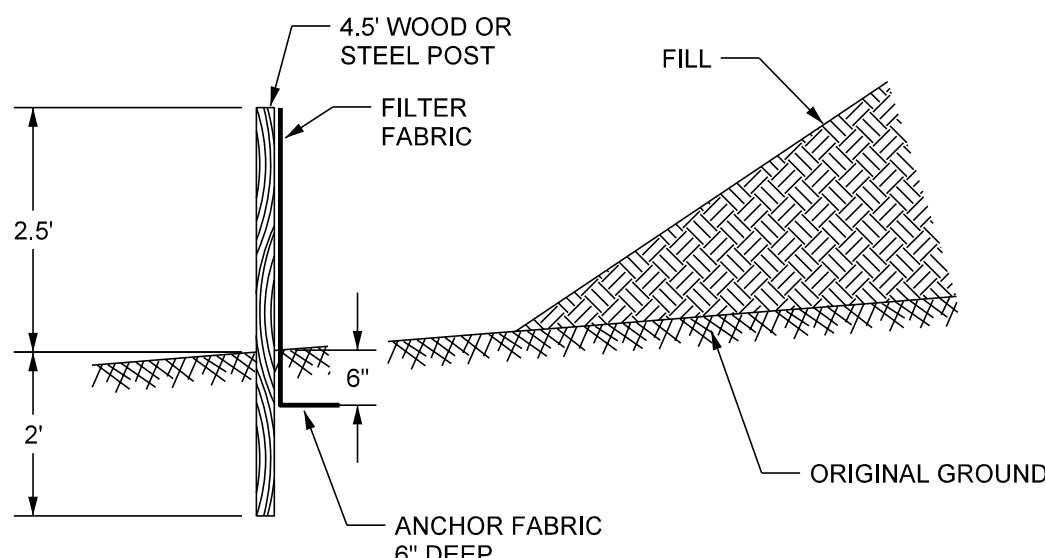


PROFILE VIEW

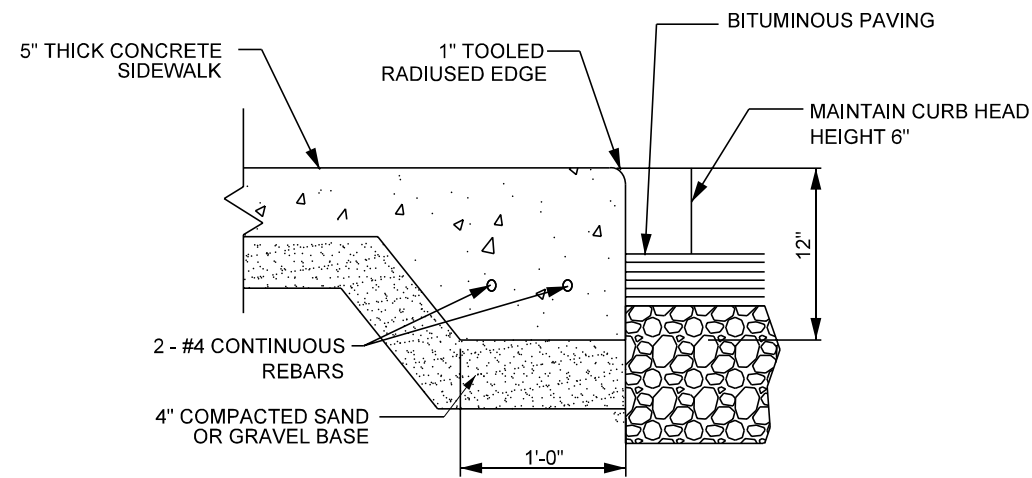
RECTANGULAR FRAME CATCH-ALL®  
NOT TO SCALE



STONE TRACKING PAD DETAIL  
NOT TO SCALE

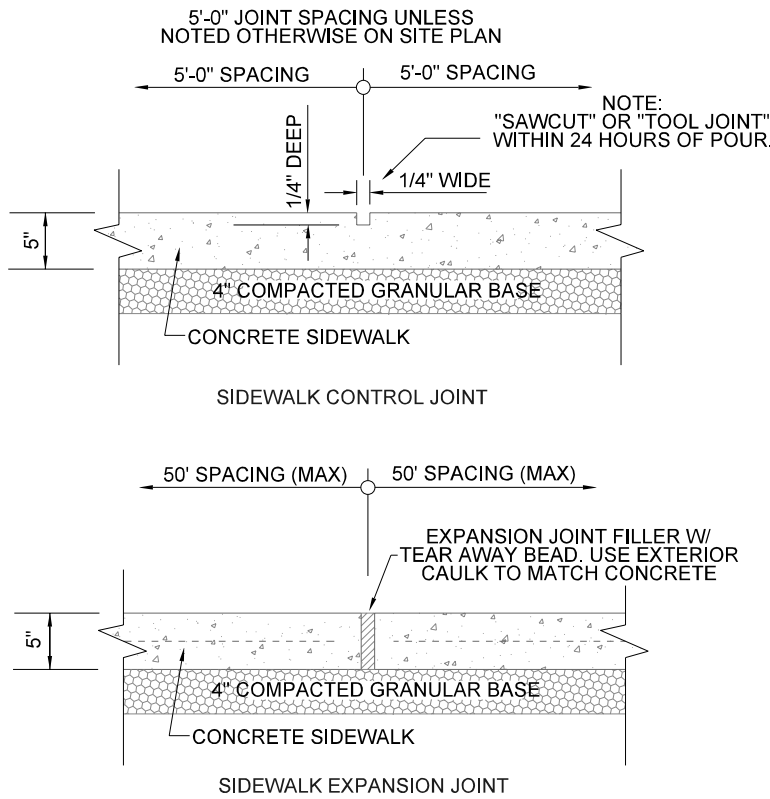


SILT FENCE DETAIL  
NOT TO SCALE

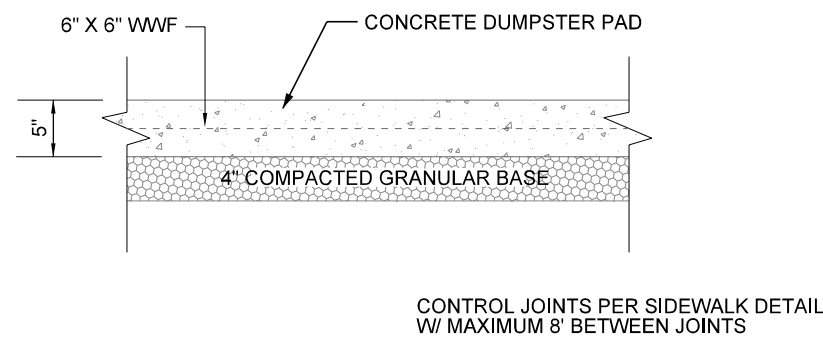


- GENERAL NOTES:
- PROVIDE 1/4" PER FOOT CROSS SLOPE ACROSS WALK
- PROVIDE TOOLED JOINTS @ +/- 5'-0" O.C.

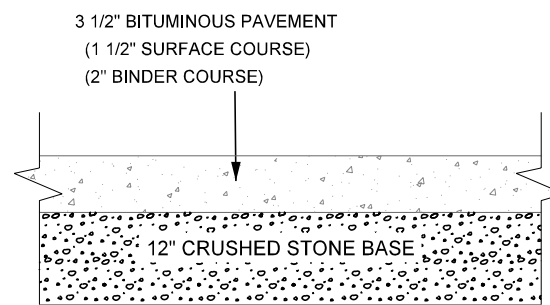
THICKENED EDGE WALK DETAIL  
NOT TO SCALE



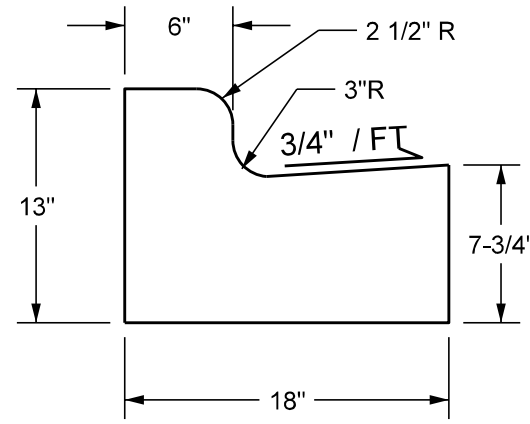
SIDEWALK DETAIL  
NOT TO SCALE



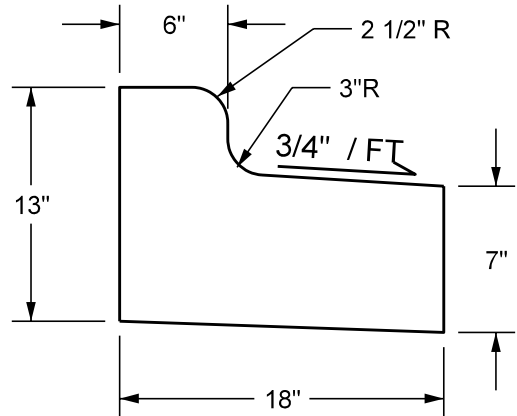
DUMPSTER PAD DETAIL  
NOT TO SCALE



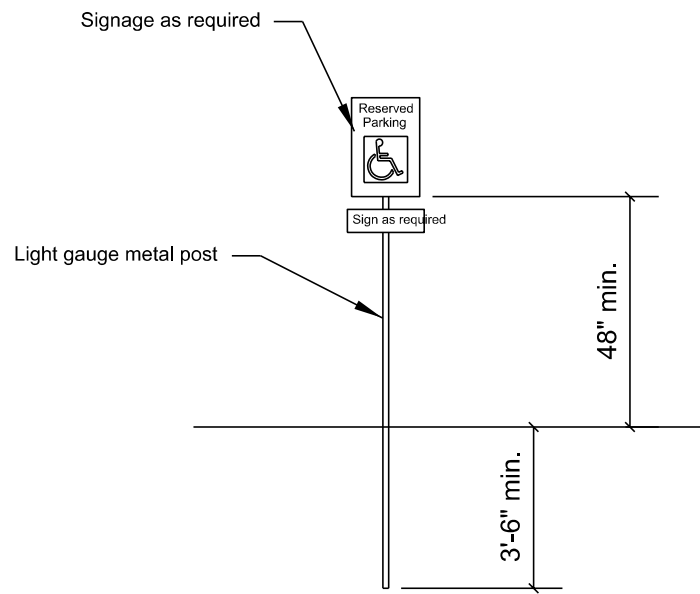
PARKING LOT PAVEMENT  
NOT TO SCALE



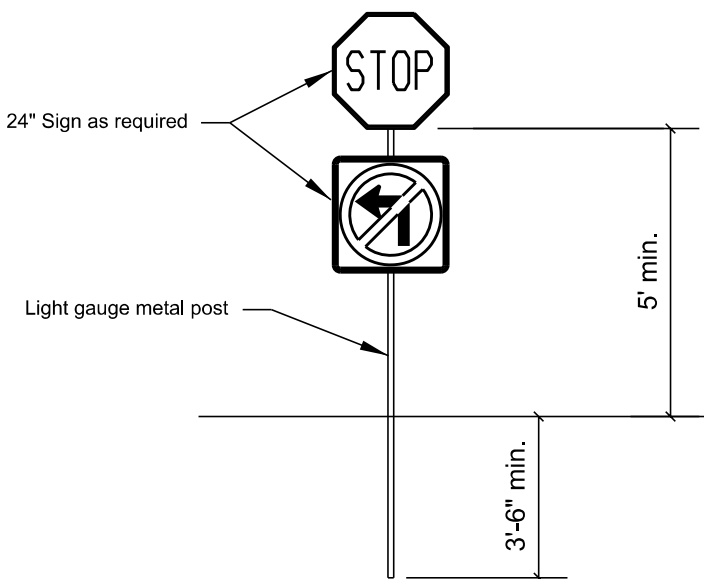
18" CURB & GUTTER (TYPE G)



18" REJECT CURB & GUTTER (TYPE D)  
CURB & GUTTER DETAIL  
NOT TO SCALE



ACCESSIBLE PARKING SIGN DETAIL  
NOT TO SCALE



STOP SIGN/NO LEFT  
TURN SIGN DETAIL  
NOT TO SCALE

DETAILS

ADVANCE AUTO PARTS

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