City of Whitewater, Board of Zoning Appeals Meeting
Agenda
January 28, 2016
6:00 p.m., Community Room
Whitewater Municipal Building
312 W. Whitewater Street, Whitewater, WI

1. Call to order and roll call.

2. Secretary presents case to be heard:

   Applicant: Dave Harbeck (Mike Kohlbeck/McMahon Associates)
   Property: 1184 W. Main Street – Parcel No. / WUP 000163A
   Relative Code: 19.27.060 (C or E), which requires a rear yard setback of a minimum 20 foot rear yard setback; any yard abutting a residential district or residential use requires a minimum 30 foot rear yard setback.
   Variance Requested: Request to allow for a reduced rear yard setback for the proposed building to be located at 1184 W. Main Street.

4. Board presentation of hearing procedures.

5. Applicant Presentation requesting Variance.

6. Statement by Neighborhood Services Director.

7. Public Comment and Input.

8. Written input presented.

9. Applicant response to statements.

10. Board deliberations of case (Open Session).

11. Board action on request, including findings regarding variance request.

12. Adjourn.

A written decision will be issued at a later date.
Anyone requiring special arrangements is asked to call the Office of the City Manager / City Clerk at least 72 hours prior to the meeting.

City of WHITEWATER

Neighborhood Services Department
Planning, Zoning, Code Enforcement, GIS and Building Inspections

www.whitewater-wi.gov
Telephone: (262) 473-0540

To:	City of Whitewater Board of Zoning Appeals
From:	Chris Munz-Pritchard, Neighborhood Services Director/ City Planner
Meeting Date:	January 28, 2016
Re:	Request a variance to allow placement of a building in the rear yard setback located at 1184 W Main Street (Advance Auto Parts retail store)

Summary of Request

Location: 156 W Whitewater Street

Current Land Use: Campus Quick Shop, Convenience Store

Current Zoning: B-1 Community Business District

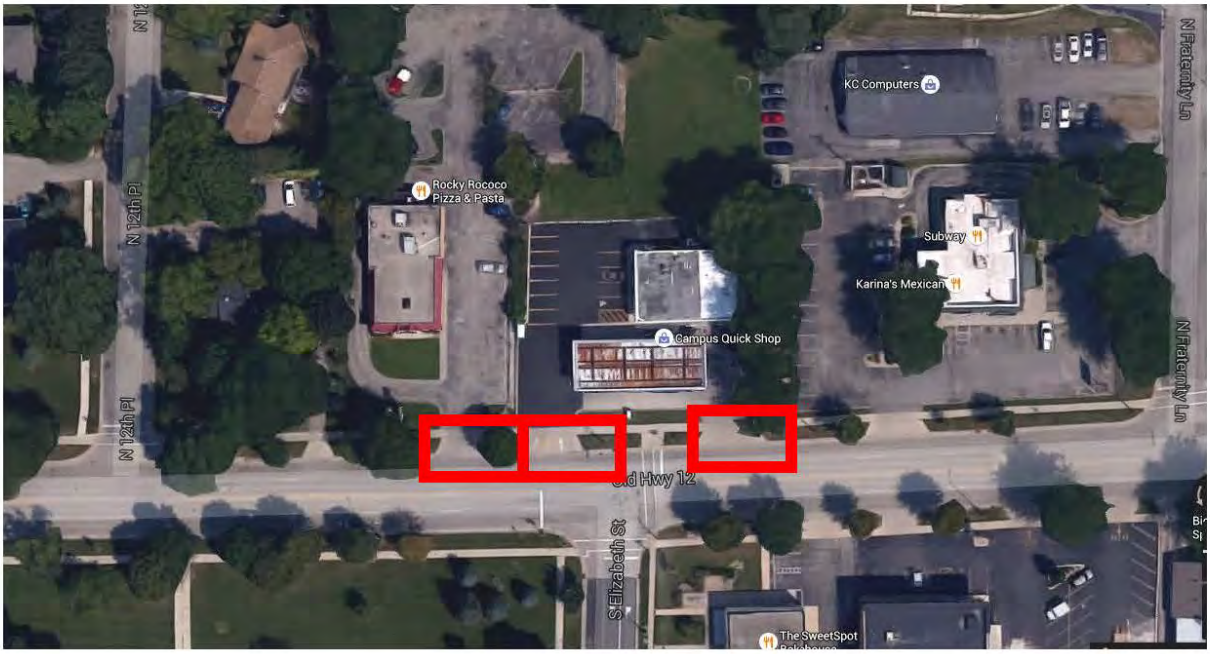
The proposed variance requested:

1) Request a variance to allow for the placement of a building in the rear yard setback located at 1184 W Main Street (Advance Auto Parts retail store).

Description

The site is currently a Campus Quick Shop, Convenience Store located at 1184 W Main Street. The property proposed use shall be an Advance Auto Parts retail store. As part of the proposed development City Staff is working with the developer to re-align the intersection at Main and Elizabeth Street. The re-alignment should reduce the three curb cuts along the south side of Main Street to one resulting in a signalized intersection. The signalized intersection changes the building placement resulting in a request for a variance of B-1 Community Business District yard requirements Code 19.27.060. The Code (19.27.060) requires minimum rear yard setback as twenty feet for a principal building in the B-1 district.

Standard	Evaluation	Comments
Findings prerequisite to grant a variance (see section 19.72.080 of zoning ordinance)		
The particular physical surroundings, shape, or topographical conditions of the specific property involved would result in a particular hardship upon the owner as distinguished from a mere inconvenience, if the strict letter of the regulations were to be carried out;	Meets	The idea of a variance is that you are proving a hardship. The variance is giving you equal rights as the surrounding land owners. In this case the intersection being re-built for safety reasons is forcing the principle structure to be placed a greater distance away from the existing building footprint.
The conditions upon which the application for a variance is based would not be applicable generally to other property within the same zoning classification	Meets	The variance is the building setback due to the intersection which none of the other land owners have to contend with.
The purpose of the variance is not based exclusively upon a desire for economic or other material gain by the applicant or owner	Meets	The intersection being re-built for safety reasons is forcing the placement of the principle structure.
The hardship is not one that is self-created	Meets	This hardship is preexisting
The proposed variance will not impair an adequate supply of light and air to adjacent property or substantially increase the congestion in the public streets, or increase the danger of fire, or endanger the public safety, or substantially diminish or impair property values within the neighborhoods	meets	This project will help with traffic congestion.
The proposed variance will not have the effect of permitting a use which is not otherwise permitted in the district	NA	The use already exists in the district.
No variance shall be granted in a floodland district where not in compliance with Section 19.46.070(C)(4) of this title.	NA	


KC Computers
Rocky Rococo Pizza & Pasta
Subway
Karina's Mexican
Campus Quick Shop
N 12th Pl
N Fraternity Ln
Old Hwy 12
S Elizabeth St
The SweetSpot

KC Computers
Rocky Rococo Pizza & Pasta
Advance Auto Parts
72' X 96'
6,912 S.F.
24' DRIVE
Doctor's Custom Compounding
Mobil
Old Hwy 12

Patrick A. Cannon
Executive Director
312 W. Whitewater Street
Whitewater, WI 53190

City of
WHITEWATER
COMMUNITY DEVELOPMENT AUTHORITY

PHONE: (262) 473–0148
FAX: (262) 473–0549
Email: pcannon@whitewater-wi.gov
WEBSITE: www.whitewater-wi.gov

MEMORANDUM

To: Whitewater Board of Zoning Appeals

CC: Cameron Clapper
Chris Munz-Pritchard

From: Patrick Cannon
Executive Director
Whitewater Community Development Authority

Re: Letter of Support
1184 Main St.

Date: January 4, 2016

As part of the redevelopment plan for the property located at 1184 Main St, the Developer has found it necessary to request a variance from current City Ordinance. The variance would allow for the best site location for the store on the property. But for the variance, the development would not reach its highest and best use.

As part of the development, City Staff worked with the Developer to re-align the intersection at Main and Elizabeth Streets. This re-alignment will help to facilitate better traffic flow as well as reducing the number of ingress and egress permits on Main St. By establishing a fully controlled intersection with proper traffic signals, we will help to increase the safety of the intersection as well as assisting in the overall traffic flow on Main St.

Due to the intersection re-alignment, the location of the store had to be located outside of the specified setbacks for this zoning district. Based upon the current building structures adjacent to this site, the variance will not place any undo hardships on these uses. In fact, the Developer and the property owner directly to the west have a cross access agreement which will allow for this property to utilize the traffic signals to also help with traffic safety.

Based upon the above, please accept this Letter of Support for the variance request.

If you have any questions, please let me know.

PUBLISH IN WHITEWATER REGISTER ON JANUARY 7, 2016 AND

JANUARY 14, 2016

NOTICE OF ZONING HEARING

TO ALL CONCERNED:

A public hearing will be held by the Board of Zoning Appeals of the City of Whitewater on January 28, 2016 at 6:00 p.m. in the Whitewater Municipal Building Community Room, 312 W. Whitewater Street, Whitewater, Wisconsin.

Applicant: Dave Harbeck (Mike Kohlbeck/McMahon Associates)

Property Location: 1184 W. Main Street (Tax Parcel /WUP 00163A)

Applicable Code: 19.27.060 (C or E) Rear yard setback requires a minimum 20 foot rear yard setback; any yard abutting a residential district or residential use requires a minimum 30 foot rear yard setback.

Variance Requested: To allow for a reduced rear yard setback for the proposed building to be located at 1184 W. Main Street.

Reason for Request: To provide for redevelopment of the parcel and the rebuilding of the intersection for safety reasons (which requires the building footprint to be pushed back further on the parcel).

This notice is being mailed to owners of record within 300 feet of the property in question, to the City Planner and the Plan Commission in accordance with Section 19 of the Code of Ordinances. THE PROPOSAL FILED BY THE OWNER IS NOW OPEN TO PUBLIC INSPECTION AT THE OFFICE OF THE CITY PLANNER DURING NORMAL BUSINESS HOURS (Monday – Friday 8:00 a.m. to 5:00 p.m.)

BOARD OF ZONING APPEALS

Michele Smith, Secretary, BZA
By: Jane Wegner, Neighborhood Services Administrative Asst.

Dated: January 5, 2016

TaxKey	Owner1	Owner2	Address1	Address2	City	State	Zip
/L 00007	JOHN K SOTHERLAND	ELIZABETH J KILLIPS-SOTHERLAND	1155 W MAIN ST		WHITEWATER	WI	53190-0000
/L 00008	BAC WHITEWATER LLC		800 SHERMAN AVE		FORT ATKINSON	WI	53538-0000
/L 00011	MAIN 1185 LLC		694 WELLS ST		LAKE GENEVA	WI	53147-0000
/L 00012	JR RENTALS LLC		694 WELLS ST		LAKE GENEVA	WI	53147-0000
/RC 00008	DLK ENTERPRISES INC		PO BOX 239		WHITEWATER	WI	53190-0000
/RC 00009A	MIKE & VIRG DARRAH LLC		1208 S WILLARD		JANESVILLE	WI	53546-5392
/RC 00009B	WISH ENTERPRISES LLC		1138 W MAIN ST		WHITEWATER	WI	53190-0000
/RCA 00001	~~DLK ENTERPRISES INC~~		PO BOX 239		WHITEWATER	WI	53190-0000
/RCA 00002	~~DLK ENTERPRISES INC~~		PO BOX 239		WHITEWATER	WI	53190-0000
/RCA 00003	~~DLK ENTERPRISES INC~~		PO BOX 239		WHITEWATER	WI	53190-0000
/RCA 00011	WHITEWATER MANOR INC	C/O PROFESSIONAL PROPERTY MGMT	370 N TRATT ST #133		WHITEWATER	WI	53190-0000
/RCA 00012	WHITEWATER COURT		973 FEATHERSTONE RD	STE 300	ROCKFORD	IL	61107-0000
/RCA 00013	~~WHITEWATER COURT~~		973 FEATHERSTONE RD	STE 300	ROCKFORD	IL	61107-0000
/RCA 00014	~~WHITEWATER COURT~~		973 FEATHERSTONE RD	STE 300	ROCKORD	IL	61107-0000
/RCA 00015	K&A DREAMS LLC		1210 W MAIN		WHITEWATER	WI	53190-0000
/RCA 00016	~~WHITEWATER COURT~~		973 FEATHERSTONE RD	STE 300	ROCKFORD	IL	61107-0000
/RCA 00017	~~WHITEWATER COURT~~		973 FEATHERSTONE RD	STE 300	ROCKFORD	IL	61107-0000
/RCA 00018	~~WHITEWATER COURT~~		973 FEATHERSTONE RD	STE 300	ROCKFORD	IL	61107-0000
/W 00001	WHITEWATER TEKE ASSN	C/O JOE PYZYK	4656 SHAGBARK LN		BROOKFIELD	WI	53005-0000
/W 00002	STEVE JAHNKE	ANNE JAHNKE	709 OAKWOOD LA		WATERTOWN	WI	53094-0000
/W 00003	STEPMOTHER LLC		PO BOX 239		WHITEWATER	WI	53190-0000
/W 00006	NCENTERPRISES LLC		W10412 HUBBLETON RD		WATERLOO	WI	53594-0000
/W 00007	KA KENG WONG	YUK CHING YUEN	1212 W SALISBURY LN		WHITEWATER	WI	53190-1248
/W 00011	DINA CHRISTON	KONSTANINA CHRISTON (AKA)	442 BUCKINGHAM BLVD		WHITEWATER	WI	53190-0000
/WUP 00162B	ROY A NOSEK		210 N PARK ST		WHITEWATER	WI	53190-0000
/WUP 00163	~~K&A DREAMS LLC~~		1210 W MAIN		WHITEWATER	WI	53190-0000
/WUP 00163A	WHITEWATER 1184 INC		1985 PEBBLE DR		BELOIT	WI	53511-0000
/WUP 00164D	REYNOLDS RENTALS LLC		12340 E BRADLEY RD		WHITEWATER	WI	53190-0000
/WUP 00164E	FOUR GUYS LLP		120 N FRATERNITY LN		WHITEWATER	WI	53190-0000
/WUP 00219	ST PATRICKS CONGREGATION		126 S ELIZABETH ST		WHITEWATER	WI	53190-0000
/L 00013	~~JR RENTALS LLC~~		694 WELLS ST		LAKE GENEVA	WI	53147-0000
/A458900001	MCCULLOUGH FAMILY LP		694 WELLS ST		LAKE GENEVA	WI	53147-0000
	DAVE HERBECK		2601 E GATEWOOD DR		APPLETON	WI	54915-0000

CITY OF WHITEWATER
APPLICATION FOR VARIANCE

IDENTIFICATION AND INFORMATION ON APPLICANT(S)

Applicant's Name: Dave Herbeck

Applicant's Mailing Address: 2601 E Gatewood Dr. Appleton, WI 54915

Owner of Property Site as of date of application, according to current property tax records: Whitewater 1184, Inc

Street Address of Property (if vacant land, describe in detail the property location): 1184 W. Main St

Legal Description of Property (Name of Subdivision, Block and Lot, or other legal description):
See survey

Agent or Representative Assisting in the Application (Engineer, Architect, Attorney, Etc.)

Name: Mike Kohlbeck Firm: McMahon Assoc

Office Address: 1445 McMahon Dr. Neenah, WI 54957-1025

EXISTING AND PROPOSED USES

Current Principal Use: Gas/Convenience Store

Accessory or Secondary Uses: N/A

Proposed Use (Describe need for Variance): Aftermarket Auto Parts retail store with ancillary services including wiper/battery replacement.

Have you been granted any variances in the past, on any properties, whether fully or partially owned by you.

☐ Yes ☑ No

If YES, list addresses of those properties and whether the requirements of the variance granted have been completed

PLANS TO ACCOMPANY APPLICATION

Applications for permits shall be accompanied by drawings of the proposed work, drawn to scale, showing, when necessary, floor plans, sections, elevations, structural details, computations and stress diagrams as the building inspector may require.

PLOT PLAN

When required by the building inspector, there shall be submitted a plot plan in a form and size designated by the building official for filing permanently with the permit record, drawn to scale, with all dimensions figured, showing accurately the size and exact location of all proposed new construction and its relationship to other existing or proposed buildings or structures on the same lot, and other buildings or structures on adjoining property, within 25 feet of the property lines. In the case of demolitions, the plot plan shall show the buildings or structures to be demolished and the buildings or structures on the same lot that are to remain.

Zoning District in which the property is located: B-1

No. of Occupants Proposed to be accommodated: No. of Employees, if applicable: 10

Section of the City of Whitewater Zoning Ordinance that prohibits the proposed usage of the property. It is this section of the Ordinance for which a variance is requested: 19.27.060

STANDARDS The following are Standards that the City of Whitewater Zoning Ordinance sets for decisions on variances. Explain how your proposal meets these standards.	
STANDARD	APPLICANT'S EXPLANATION
A. The particular physical surroundings, shape, topographical conditions of the specific property involved would result in a particular hardship upon the owner as distinguished from mere inconvenience, if the strict letter of the regulations were to be carried out	Aligning the property access location with Elizabeth St. and allowing internal access with the neighboring property to the west requires increased circulation area to the front parking stalls, delivery area, and the drive aisle to the west. This results in the building encroaching on the side/rear setback.
B. The conditions upon which the application for a variance are based would not be applicable generally to other property within the same Zoning classification	This variance is specific to alignment to Elizabeth St.
C. The purpose of the variance is not exclusively upon a desire for economic or other material gain by the applicant or owner.	The variance will not increase the economics to the projects.
D. The proposed variance will not impair an adequate supply of light and air to adjacent property or substantially increase the congestion in the public streets, or increase the danger of fire or endanger the public safety, or substantially diminish or impair property values within the neighborhood.	The variance will eliminate excess access points on Main St. The variance will allow for the redevelopment of a decades-old gas station and removal of residual contamination.

CONDITIONS

The City of Whitewater Zoning Ordinance authorizes the Board of Zoning Appeals to place conditions on approved variances. Please keep this in mind & supply ALL pertinent information.

Signature of Applicant _____ Date 1-4-16

APPLICATION FEES
(to be completed by City)

Fee for Variance application- $200.00

Date fee received by City 1-6-16 **Receipt#** 6.012318
Received by: _____

Date Notice sent to owners of record: **By** J. Wegner
Date(s) published in Whitewater Register: 1-7-16 + 1-14-16
Date set for Hearing before Board of Zoning Appeals: 1-28-16

AGREEMENT OF SERVICES

REIMBURSABLE BY THE PETITIONER/APPLICANT. The City may retain the services of professional consultants (including planners, engineers, architects, attorneys, environmental specialists, recreation specialists, and other experts) to assist in the City's review of a proposal coming before the Plan Commission, Board of Zoning Appeals and/or Common Council. The submittal of a development proposal application or petition by a Petitioner shall be construed as an agreement to pay for such professional review services applicable to the proposal. The City may apply the charges for these services to the Petitioner and/or property owner. The City may delay acceptance of the application or petition as complete, or may delay final approval of the proposal, until the Petitioner pays such fees. Review fees which are applied to a Petitioner, but which are not paid, may be assigned by the City as a special assessment to the subject property. The Petitioner shall be required to provide the City with an executed copy of the following form as a prerequisite to the processing of the proposed application (Architectural Review, B.Z.A., Planning, Zoning Change):

Dave Herbeck, the applicant/petitioner for

(Owner's Name): _____, dated: _____

Phone#_____, tax key #(s)_____

Agrees that in addition to those normal costs payable by an applicant/petitioner (e.g. filing or permit fees, publication expenses, recording fees, etc.), that in the event the action applied or petitioned for requires the City of Whitewater, in the judgment of its staff, to obtain additional professional service(s) (e.g. engineering, surveying, planning, legal) than normally would be routinely available "in house" to enable the City to properly address, take appropriate action on, or determine the same, applicant/petitioner shall reimburse the City for the costs thereof.

Dated this 4 day of January, 2016.

_____(Signature of Applicant/Petitioner)

_____(Printed Name of Applicant/Petitioner)

_____(Signature of Owner of Property & Date Signed)

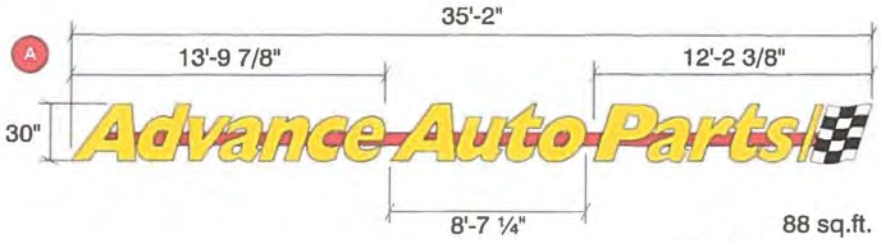
_____(Printed Name of Owner of Property

Size and placement of signage is approximate.

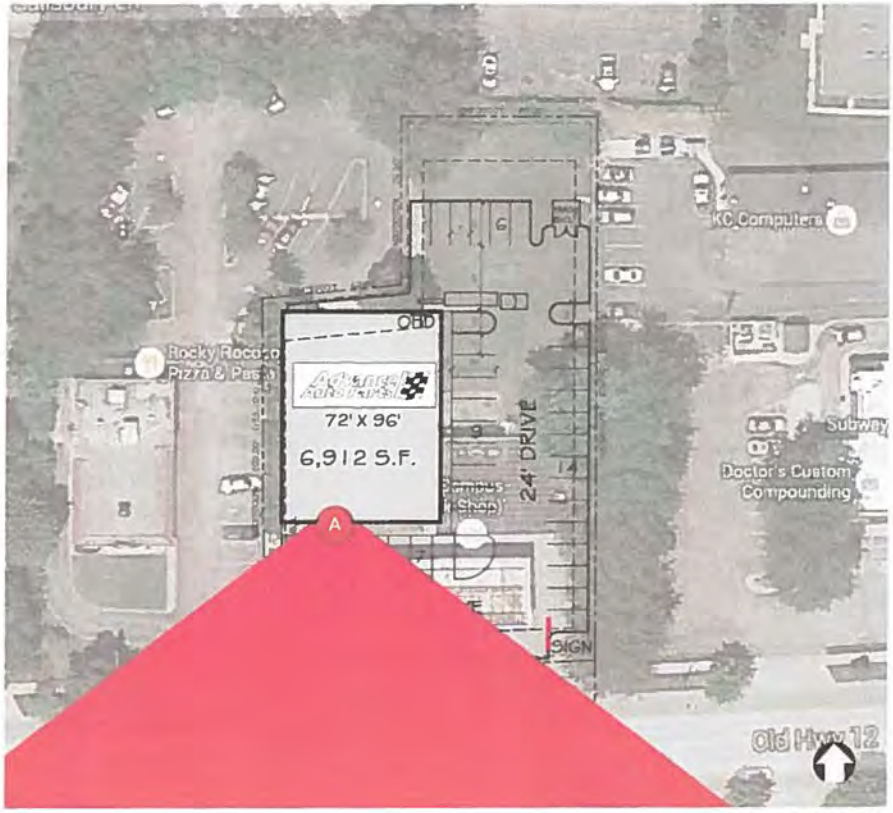
Variance Required

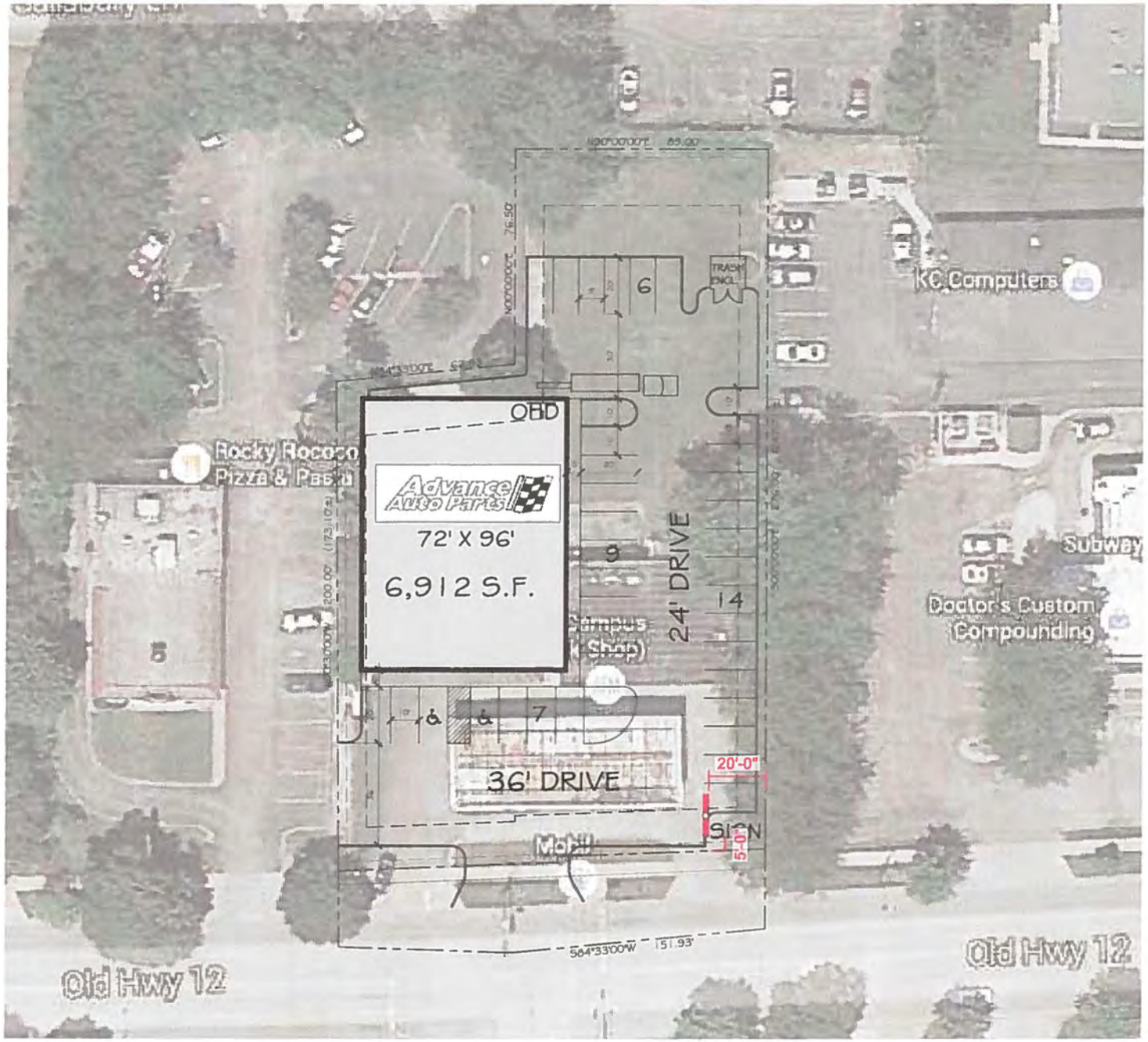
FRONT ELEVATION
Scale: 1/16" = 1'-0"

This elevation is prototypical and for representational usage only.
Architecture and dimensions are subject to change upon procurement of site specific elevations.

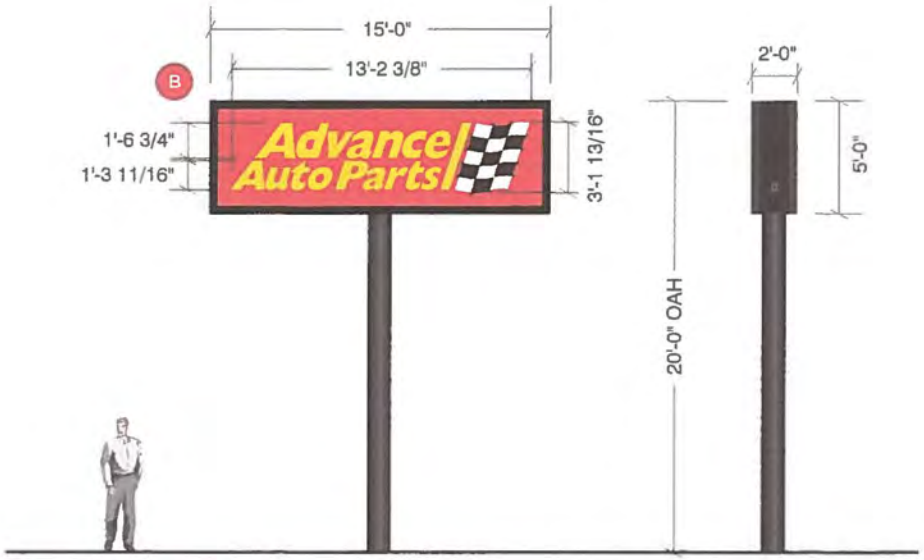


88 sq.ft.
Scale: 1/8"=1'-0"



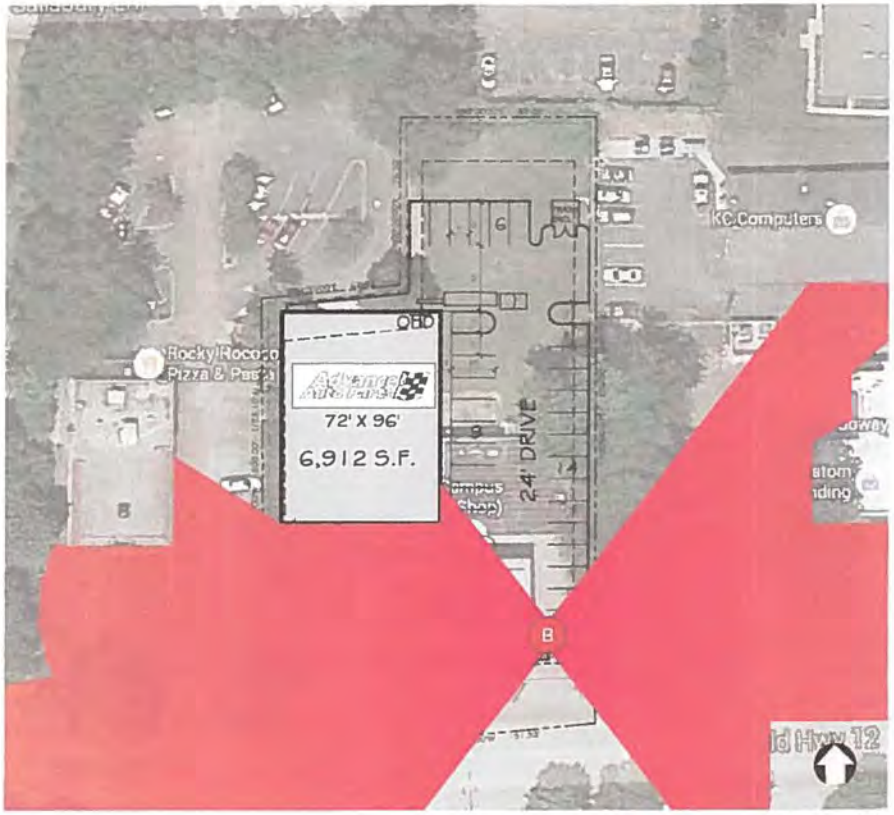

KC Computers
Rocky Rococo Pizza & Pasta
Subway
Doctor's Custom Compounding
Advance Auto Parts
72' X 96'
6,912 S.F.
24' DRIVE
36' DRIVE
20'-0"
5'-0"
SIGN
Old Hwy 12
Old Hwy 12

Scale: 1" = 50'



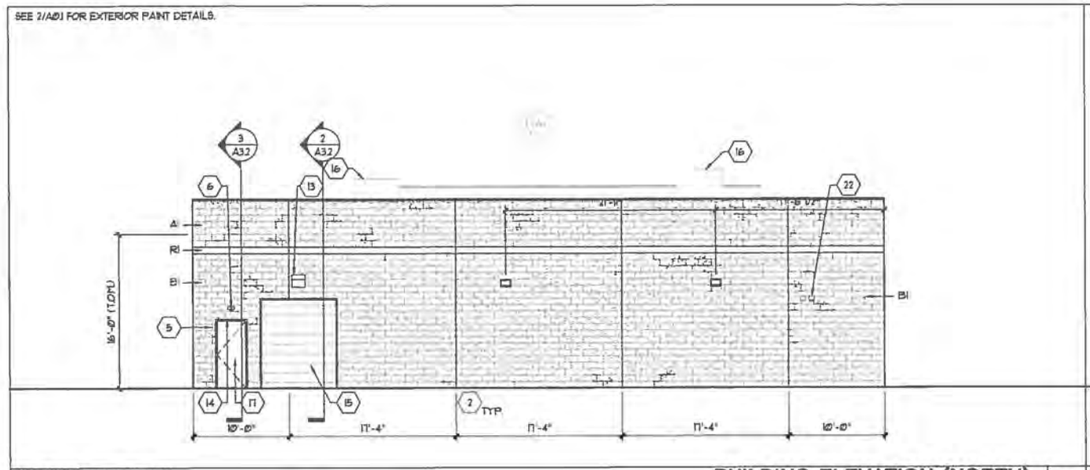
Sign setback 5'-0" from front property line.
Sign setback 20'-0" from side property line.
Planing Board approval is required for all pylons.
Sign will be located in asphalt due to setback requirements.

75.0 sq.ft.
Scale: 1/8"=1'-0"



Advance Auto Parts
7401
FREE
FREE
FREE
FREE

SEE 2/A0.1 FOR EXTERIOR PAINT DETAILS.

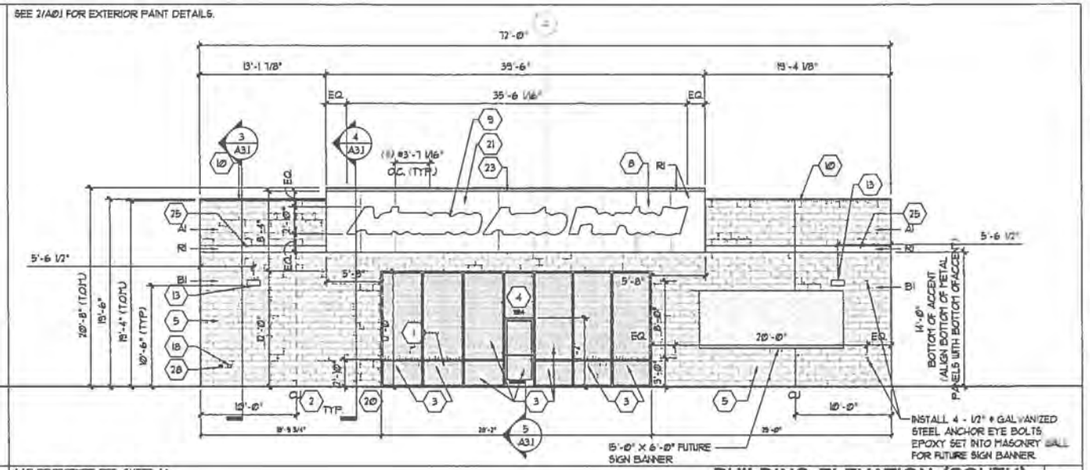


AAP PROTOTYPE REF: SHEET A6

BUILDING ELEVATION (NORTH) 7

SCALE: 1/8"=1'-0"

SEE 2/A0.1 FOR EXTERIOR PAINT DETAILS.



AAP PROTOTYPE REF: SHEET A6

BUILDING ELEVATION (SOUTH) 3

SCALE: 1/8"=1'-0"

1. PROVIDE OLDCASTLE GLASS VISTAWALL SERIES FG 3000 2" x 4 1/2" MULLION PROFILE, CENTER SET, EXTERIOR LOADED FLUSH GLAZE STOREFRONT SYSTEM WITH 1" CLEAR LOW 'E' INSULATED GLASS. STOREFRONT SYSTEM COLOR TO BE CLEAR ANODIZED ALUMINUM. REFER TO RESPONSIBILITY MATRIX FOR ADDITIONAL INFORMATION. NO SUBSTITUTIONS. SEALANT COLOR TO BE LIGHT GRAY.
2. MASONRY CONTROL JOINT, 20'-0" MAX. & 10'-0" COMBINED MAX. AT CORNER.
3. HATCH AREA REPRESENTS AREA OF TEMPERED GLAZING.
4. G.C. TO PROVIDE & INSTALL 5 3/4" VINYL WHITE ON BLACK ADDRESS NUMBERS BY MFR. "EAST SIGNS" ON FRONT WINDOWS CENTERED OVER DOOR, BOTTOM EDGE OF NUMBER SHALL SET 4" ABOVE FRAME - REFER TO DETAIL 5/A6 FOR ADDITIONAL INFORMATION.
5. SPLIT FACE CMU - REFER TO MFR. PERFORMANCE SPECIFICATION(S) FOR INSTALLATION. REFER TO ELEVATIONS AND MATERIAL SCHEDULE FOR COLOR
6. EMERGENCY LIGHT, REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
7. LINE OF ROOF (BEYOND).
8. PRE-FINISHED 6'-8" METAL PANELS INSTALLED BY AAP NATIONAL ACCOUNT VENDOR OVER SMOOTH FACE CMU, COORDINATED BY GENERAL CONTRACTOR. FOR BTS AND LL UFFIT PROJECTS, THE DEVELOPER AND GC ARE RESPONSIBLE FOR PURCHASING PURCHASING OF THE RED PANELS THROUGH THE AAP NATIONAL ACCOUNT VENDOR AND INSTALLATION. FOR AAP UFFIT AND FEE/SELF DEVELOP PROJECTS, AAP WILL BE RESPONSIBLE FOR THE PURCHASE AND INSTALLATION OF THE RED PANELS.
9. REFER TO ELECTRICAL DRAWINGS FOR SIGNAGE REQUIREMENTS. SIGNAGE IS PERMITTED SEPARATELY AND INSTALLED BY OTHERS. SIGNAGE IS SHOW FOR REFERENCE ONLY.
10. METAL COPING, PAINT TO MATCH CMU (TYP.).
11. NOT USED
12. NOT USED
13. WALL MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. QUANTITIES AND LOCATION VARY PER SITE.
14. RAIN DEFLECTOR ATTACHED TO MASONRY - REFER TO DOOR HARDWARE SCHEDULE.
15. ROLL UP STEEL DOOR - REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
16. ROOF TOP UNIT BEYOND - REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
17. HOLLOW METAL DOOR AND FRAME PAINT TO MATCH COLOR OF ADJACENT WALL SURFACE.
18. ELECTRICAL OUTLET, REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
19. ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
20. KNOX BOX IF REQUIRED BY CODE.
21. VERTICAL REVEAL AT METAL PANELS.
22. EXHAUST FAN CAP- REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
23. METAL COPING, PAINT TO MATCH ADJACENT METAL PANEL.
24. ALUMINUM STATIONARY LOUVER - PAINT TO MATCH ADJACENT WALL. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION.
25. SMOOTH FACE CMU - REFER TO MFR. PERFORMANCE SPECIFICATION(S) FOR INSTALLATION. REFER TO ELEVATIONS AND MATERIAL SCHEDULE FOR COLOR
26. UNIT HEATER EXHAUST VENT CAP - PAINT TO MATCH EXISTING ADJACENT WALL. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION.
27. GAS METER - PAINT TO MATCH EXISTING ADJACENT WALL. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION.
28. WALL HYDRANT, REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

AAP PROTOTYPE REF: SHEET A6

KEYED NOTES 8

SCALE: 1/8"=1'-0"

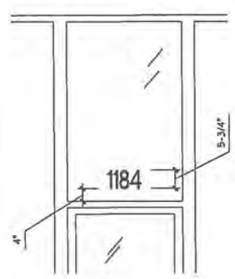
GENERAL NOTES:

1. ALL EXTERIOR SIGNS ARE PROVIDED AND INSTALLED BY ADVANCE AUTO PARTS. ALL ELECTRICAL CONNECTIONS ARE BY ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. ALL CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT CONCRETE. 7-5/8" X 7-5/8" X 15-5/8", WITH 3/8" MORTAR JOINTS, WITH TOTAL COURSE HEIGHT TO EQUAL 8", IN RUNNING BOND PATTERN.
3. PROVIDE TOOLED CONCAVE MORTAR JOINTS UNLESS NOTED OTHERWISE.
4. ALL CONTROL, BUILDING AND EXPANSION JOINTS TO BE INSTALLED PER ASTM, CONCRETE AND/OR BRICK INDUSTRY STANDARDS AS APPLICABLE.
5. PROVIDE SEALANT AT ALL UNLIKE MATERIALS.

AAP PROTOTYPE REF: SHEET A6

GENERAL SIGANGE NOTES 6

SCALE: N.T.S.



RTA VINYL
-ORACAL 651 WHITE, 2.5 MIL VINYL
-COLORS ARE WHITE ON BLACK
-FONT SIZE IS 5.75"
-.3200" BLACK OUTLINE
-.012" BLEED
-COMPRESSION, NONE
-FONT IS STANDARD BOLD CONDENSED
-INSTALL 4" ABOVE DOOR FRAME

AAP PROTOTYPE REF: SHEET A6

ADRESS DETAIL 5

SCALE: N.T.S.

MATERIAL SCHEDULE

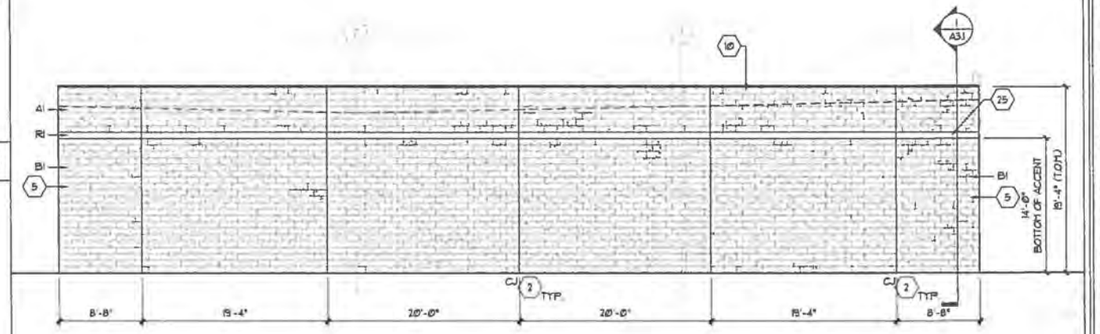
MATERIAL:	EXTERIOR PAINT:	LOCATION:
A1	AAP-A1, BEACHCOMBER 20TT 58-082	EXTERIOR BLOCK WALLS, STUCCO, METAL DOOR
B1	AAP-B1, CASTLE ROCK 10YY 41/083	EXTERIOR BLOCK WALLS, STUCCO, METAL DOOR
B2 (ALT.)	AAP-B2, SAND MOTIF 00YY 38/123	EXTERIOR BLOCK WALLS, STUCCO, METAL DOOR
R1	AAP-R1, ADVANCE AUTO PARTS RED	METAL PANEL SIGNBAND, EXT. BLOCK WALLS
R2	AAP-R2, ADVANCE AUTO PARTS RED	METAL WHEN REQUIRED
RAILS	BLACK	HANDRAILS
SAFETY	SAFETY YELLOW	BOLLARDS, MANDATED SAFETY AREAS

AAP PROTOTYPE REF: SHEET A6

MATERIAL SCHEDULE 4

SCALE: 1/8"=1'-0"

SEE 2/A0.1 FOR EXTERIOR PAINT DETAILS

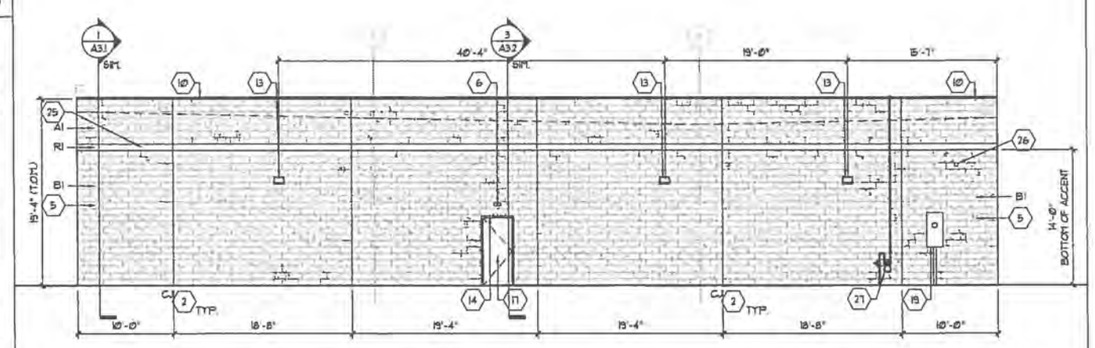


AAP PROTOTYPE REF: SHEET A6

BUILDING ELEVATION (WEST) 2

SCALE: 1/8"=1'-0"

SEE 2/A0.1 FOR EXTERIOR PAINT DETAILS



AAP PROTOTYPE REF: SHEET A6

BUILDING ELEVATION (EAST) 1

SCALE: 1/8"=1'-0"

STORE # 104731

DO NOT SCALE THESE DRAWINGS

FULL SIZE PRINT = 24" x 36" SHEET

COPYRIGHT PERSPECTIVE DESIGN, INC. 2014. ALL RIGHTS RESERVED - THIS DRAWING IS NOT TO BE REPRODUCED, CHANGED, COPIED OR ASSIGNED TO ANY THIRD PARTY IN ANY FORM OR MANNER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF PERSPECTIVE DESIGN, INC. THE CLIENT AGREES TO INDEMNIFY AND HOLD THE ARCHITECT HARMLESS FROM ANY DAMAGES, LIABILITY, OR COST INCLUDING ATTORNEY'S FEES AND COSTS OF DEFENSE ARISING FROM ANY CHANGES OR ALTERATIONS MADE BY ANYONE OTHER THAN THE ARCHITECT, OR FROM ANY REUSE OF THE DRAWINGS OR DATA WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT.

REV. #	REV. DATE	DESCRIPTION	REV. BY:

Project:

ADVANCE AUTO PARTS
1184 West Main Street
City of Whitewater, WI 53190

PERSPECTIVE DESIGN, INC.
11525 W. North Avenue
Wauwatosa, WI 53226
Tel (414) 302-1780 Fax (414) 302-1781

Drawing Title:
BUILDING ELEVATIONS

THIS BOX IS 1/2" x 1/2"

Date:	12/17/15
Scale:	A.N.
Drawn:	WHC
Job:	15-119
Sheet:	A2.1

NOT FOR CONSTRUCTION

- PRELIMINARY -

PLOT DATE: 1/4/2016

FILE NAME: P:_PROJECTS\HERBECK - WHITEWATER AAP\A201_15-119.DWG

STANDARD ABBREVIATIONS

AC	ACRE
AGG	AGGREGATE
AH	AHEAD
ASPH	ASPHALT PAVEMENT
AVG	AVERAGE
B-B	BACK TO BACK
BEG	BEGIN
BIT	BITUMINOUS
BK	BACK
B/L	BASE LINE
BLDG	BUILDING
BM	BENCH MARK
BOC	BACK OF CURB
BRG	BEARING
C-C	CENTER TO CENTER
CY	CUBIC YARD
C&G	CURB AND GUTTER
CB	CATCH BASIN
CE	COMMERCIAL ENTRANCE
CHD	CHORD
C/L	CENTER LINE
CL	CLASS (FOR CONC PIPE)
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC	CONCRETE
CORR	CORRUGATED
CP	CONTROL POINT
CR	CRUSHED
CS	CURB STOP
CSW	CONCRETE SIDEWALK
CTH	COUNTY TRUNK HIGHWAY
CULV	CULVERT
D	DEPTH OR DELTA
DI	DUCTILE IRON
DIA	DIAMETER
DIS	DISCHARGE
EA	EACH
EB	EASTBOUND
EBS	EXCAVATION BELOW SUBGRADE
EG	EDGE OF GRAVEL
ELEV	ELEVATION
ELEC	ELECTRIC
EMB	EMBANKMENT
EMAT	EROSION MAT
ENT	ENTRANCE
EOR	END OF RADIUS
EP	EDGE OF PAVEMENT
EXC	EXCAVATION
EX	EXISTING
EW	ENDWALL
F-F	FACE TO FACE
FDN	FOUNDATION
FE	FIELD ENTRANCE
FERT	FERTILIZER
FG	FINISHED GRADE
F/L	FLOW LINE
FT	FOOT
FTG	FOOTING
GRAV	GRAVEL
GN	GRID NORTH
GV	GAS VALVE
HDPE	HIGH DENSITY POLYETHYLENE
HE	HIGHWAY EASEMENT
HMA	HOT MIX ASPHALT
HP	HIGH POINT
HT	HEIGHT
HYD	HYDRANT
ID	INSIDE DIAMETER
IN	INCH
INL	INLET
INV	INVERT
IP	IRON PIPE
JCT	JUNCTION
LB	POUND
LF	LINEAR FOOT
LP	
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAINT	MAINTENANCE
MAT'L	MATERIAL
MAX	MAXIMUM
MIN	MINIMUM
MH	MANHOLE
MP	MILE POST
NB	NORTHBOUND
NO	NUMBER
NOR	NORMAL
OD	OUTSIDE DIAMETER
OBLIT	OBLITERATE
PAV'T	PAVEMENT
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE OR POINT OF COMPOUND CURVATURE
PE	PRIVATE ENTRANCE
PED	PEDESTAL
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
P/L	PROPERTY LINE
PLE	PERMANENT LIMITED EASEMENT
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
PROP	PROPOSED
PSD	PASSING SIGHT DISTANCE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REBAR	REINFORCEMENT ROD
REM	REMOVE
RECON	RECONSTRUCT
REQ'D	REQUIRED
R/L	REFERENCE LINE
RP	RADIUS POINT
RR	RAILROAD
RT	RIGHT
R/W	RIGHT-OF-WAY
SB	SOUTHBOUND
SE	SUPERELEVATION
SF	SQUARE FEET
SI	SLOPE INTERCEPT
STH	STATE TRUNK HIGHWAY
SY	SQUARE YARD
SALV	SALVAGED
SAN	SANITARY
SEC	SECTION
SHLDR	SHOULDER
S/L	SURVEY LINE
SQ	SQUARE
STA	STATION
STD	STANDARD
STO	STORM
SW	SIDEWALK
TC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
TLE	TEMPORARY LIMITED EASEMENT
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
USH	U.S. HIGHWAY
VAR	VARIES
VC	VERTICAL CURVE
VERT	VERTICAL
WB	WESTBOUND
WM	WATER MAIN
WV	WATER VALVE

STANDARD SYMBOLS

- 2" IRON PIPE FOUND
- 1 1/4" REBAR FOUND
- 1 1/4" x 30" IRON REBAR WEIGHING 4.30 LB/LF SET
- 1" (1.315 OD) IRON PIPE FOUND
- 1" IRON PIPE SET
- 3/4" IRON REBAR FOUND
- 3/4" IRON PIPE FOUND
- 3/4"x 24" IRON REBAR WEIGHING 1.5 LB/LF SET
- MAG NAIL FOUND
- MAG NAIL SET
- GEAR NAIL SET
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- CHISEL CROSS FOUND
- CHISEL CROSS SET
- COUNTY MONUMENT
- CONCRETE MONUMENT FOUND
- SB or MW — SOIL BORING or MONITORING WELL
- POWER POLE
- POWER POLE W/GUY WIRE
- TELEPHONE OR TELEVISION PEDESTAL
- MB — MAILBOX
- SIGN
- RAILROAD CROSS BUCK
- RAILROAD GATE ARM
- RAILROAD TRACKS
- LIGHT POLE
- WOOD POLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL MAST ARM
- CONIFEROUS TREE
- DECIDUOUS TREE
- TREE OR BRUSH LINE
- BED ROCK (IN PROFILE VIEW)
- HANDICAPPED PARKING STALL
- 984 — EXISTING SPOT ELEVATION
- × 35.00 — PROPOSED SPOT ELEVATION (800.00 DATUM)
- DRAINAGE HIGH POINT
- DRAINAGE DIRECTION
- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING INLET
- PROPOSED INLET
- EXISTING YARD DRAIN
- PROPOSED YARD DRAIN
- CO — EXISTING CLEAN OUT
- CO — PROPOSED CLEAN OUT
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- CS — EXISTING CURB STOP
- CS — PROPOSED CURB STOP
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED WATER FITTING
- PROPOSED WATER REDUCER
- PROPOSED ENDCAP
- GV — GAS VALVE
- Ⓢ — STANDARD CURB & GUTTER
- Ⓡ — REJECT CURB & GUTTER

- T — TELEPHONE CABLE - BURIED
- E — ELECTRIC CABLE - BURIED
- OHU — UTILITIES - OVERHEAD
- FO — FIBER OPTIC CABLE - BURIED
- G — GAS MAIN
- TV — CABLE TELEVISION - BURIED
- DITCH LINE
- STREET C/L OR R/L
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- SECTION LINE
- 746 — EXISTING CONTOURS
- 746 — PROPOSED CONTOURS
- SAN — EXISTING SANITARY SEWER
- SAN — PROPOSED SANITARY SEWER
- WM — EXISTING WATER MAIN
- WM — PROPOSED WATER MAIN
- STO — EXISTING STORM SEWER
- STO — PROPOSED STORM SEWER
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- PROPOSED REVERSE CURB & GUTTER
- EXISTING CULVERT WITH END SECTIONS
- PROPOSED CULVERT WITH END SECTIONS
- BUILDING OUTLINE
- FENCE LINE
- SAW CUT REQ'D
- SILT FENCE
- GUARD RAIL
- DITCH CHECK
- INLET PROTECTION
- TRACKING PAD
- LIMITED VEHICULAR ACCESS
- NO VEHICULAR ACCESS
- SANDBAG COFFERDAM
- SLOPE INTERCEPT
- LIMITS OF DISTURBANCE
- RIP-RAP (SIZE AS SPECIFIED)
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING LANDSCAPE STONE
- PROPOSED CONCRETE
- PROPOSED GRAVEL
- CLASS I TYPE A CHANNEL EROSION MAT
- EXISTING WETLANDS

DIGGERS HOTLINE
Toll Free (800) 242-8511
Milwaukee Area (414) 258-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

General Contractor:
TO BE DETERMINED

Designer: McMAHON
Attn: Ben Hamblin, PE
1445 McMahon Drive
Neenah, WI 5956
920-751-4200

Owner's Representative:
Herback Developement
Attn: Dave Herback
2601 E. Gatewood Drive
Appleton, WI 54915
(920) 428-9028

GENERAL NOTES

THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING PRIVATE UTILITIES, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.

THE PROPERTY LINES, RIGHT-OF-WAY LINES AND OTHER PROPERTY INFORMATION ON THIS DRAWING WERE DEVELOPED OR OBTAINED FROM THE COUNTY GEOGRAPHIC INFORMATION SYSTEM, FROM THE COUNTY PROPERTY TAX MAPPING FUNCTION, FROM FIELD LOCATED SURVEY MONUMENTATION, OR A COMBINATION OF THESE SOURCES. MCMAHON DOES NOT GUARANTEE THIS INFORMATION TO BE CORRECT, CURRENT OR COMPLETE. THE PROPERTY AND RIGHT-OF-WAY INFORMATION ARE INTENDED FOR USE AS A GENERAL REFERENCE AND ARE NOT INTENDED OR SUITABLE FOR SITE-SPECIFIC USES. ANY USE TO THE CONTRARY OF THE ABOVE STATED USES IS THE RESPONSIBILITY OF THE USER AND SUCH USE IS AT THE USER'S OWN RISK.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE OWNER.

NO EXCAVATED MATERIALS TO BE REMOVED WITHOUT THE OWNER'S PERMISSION.

THE CONSTRUCTION PLANS AND EROSION CONTROL DESIGNS ARE BASED ON WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS, AND NR 151 REQUIREMENTS.

A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MATCHES EXISTING HMA PAVEMENT.

ALL RADII SHOWN ON THE PLAN SHEETS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

DIMENSIONS ARE TO THE EDGE OF GRAVEL OR ASPHALT, OR FACE OF CURB, UNLESS OTHERWISE NOTED.

SEE ARCHITECTURAL & MEP PLANS FOR ALL UTILITIES (SANITARY, STORM, WATER, ELECTRICAL, GAS, CABLE, TELEPHONE) FOR DESIGN WITHIN THE BUILDING AND THE EXACT BUILDING CONNECTION LOCATIONS.

ONSITE SNOW STORAGE PROVIDED. EXCESS SNOW TO BE REMOVED FROM SITE.

A PERMIT IS REQUIRED TO COMPLETE WORK WITHIN RIGHT-OF-WAY.

SIGNS TO BE PERMITTED UNDER A SEPARATE APPLICATION PROCESS.

ALL FINISHED SWALES AND SLOPES GREATER THAN 4:1 TO BE COVERED WITH CLASS 1 TYPE A EROSION MAT.

Curve Number Calculations
ADVANCE AUTO PARTS

Land Use	Existing Conditions			Change			Proposed Conditions		
	Area (sf)	CN	Composite CN	Area (sf)	CN	Composite CN	Area (sf)	CN	Composite CN
Pavement:	13,381	98	1,311,338	3,319	98	325,262	16,700	98	1,636,600
Sidewalk:	1,117	98	109,466	-257	98	-25,186	860	98	84,280
Roof:	4,591	98	449,918	2,321	98	227,458	6,912	98	677,376
Water Surface:	0	98	0	0	98	0	0	98	0
Meadow	0	72	0	0	72	0	0	72	0
Landscaping:	12,711	74	940,614	-5,383	74	-398,342	7,328	74	542,272
Development Area (sf):	31,800						31,800		
Development Area (ac):	0.73						0.73		
Composite CN:	88.41						92.47		
% Impervious Coverage:	60.03%						76.96%		

NOTE:
PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PROPOSED SITE GRADES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY VERTICAL DISCREPANCY.

NOTE:
THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.

McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, W
Mailing: P.O.BOX 1025 NEENAH, WI 5
Tel: (920) 751-4200 Fax: (920) 75

McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original drawing or data without prior written consent.

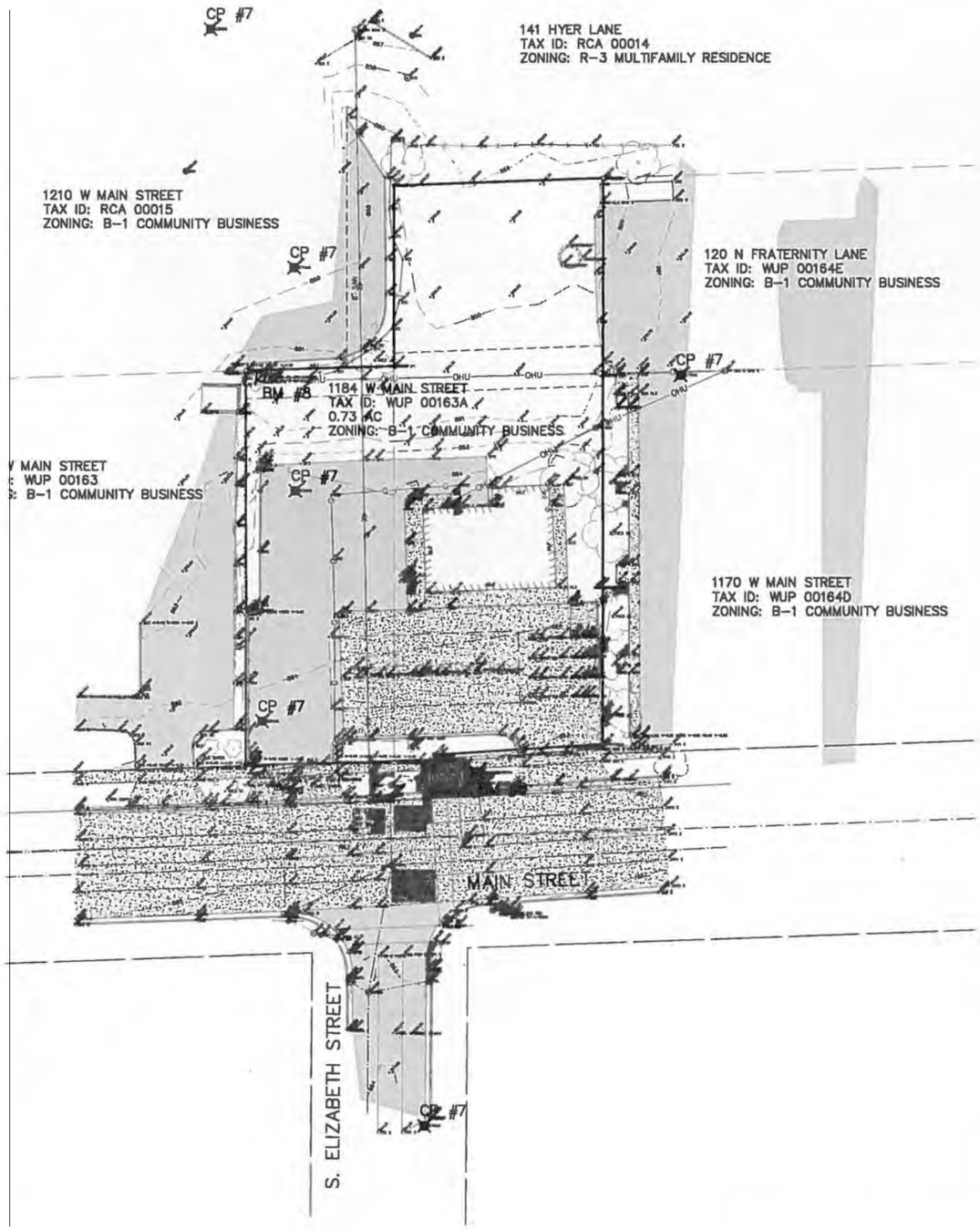
NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
ABBREVIATION SYMBOLS AND NOTES

DESIGNED	DRAW
BTH	MJA

PROJECT NO. H1038 9-15-006
DATE 12/2015
SHEET NO. C-1

PRELIMINARY
NOT FOR CONSTRUCTION



VERTICAL DATUM
IS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929
PER SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION.

HORIZONTAL DATUM:
IS BASED ON THE WISCONSIN STATE PLANE COORDINATE
SYSTEM GRID. SOUTH ZONE (NAD-27).
PER SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION.

NOTE:
PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PROPOSED SITE GRADES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY VERTICAL DISCREPANCY.

NOTE:
THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.

NORTH

30 15 0 30
SCALE – FEET

CONTROL POINTS

POINT #	NORTHING	EASTING	DESCRIPTION
2	306825.54	2334617.58	SETMAG
5	306923.02	2334631.61	SETMAG
11	307017.58	2334631.16	SETMAG
12	307118.70	2334595.50	SETMAG
13	306654.90	2334686.14	SETMAG
14	306972.08	2334795.31	SETMAG

VERTICAL BENCHMARKS

POINT #	ELEVATION	DESCRIPTION
6	864.91	HYDRANT ARROW
10	862.01	MAG NAIL SE 8" TWIN TREE

PRELIMINARY
NOT FOR CONSTRUCTION

McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI
Mailing: P.O.BOX 1025 NEENAH, WI
Tel: (920) 751-4200 Fax: (920)

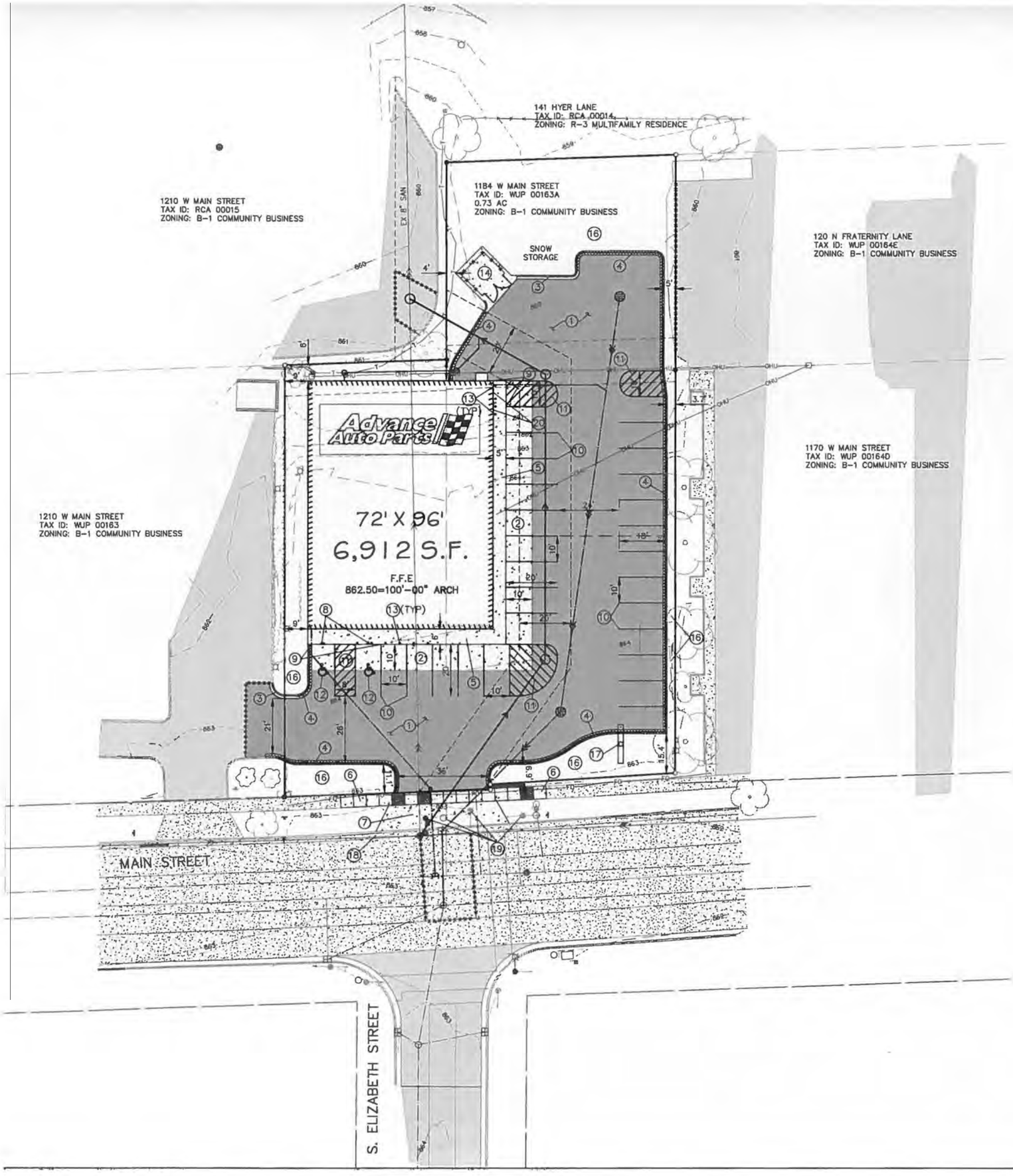
McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original

NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
EXISTING SITE PLAN – SURVEY CONTROL

DESIGNED	DRA
BTH	M.

PROJECT NO.
H1038 9-15-00
DATE
12/2015
SHEET NO.
C-2



NOTE:
PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PROPOSED SITE GRADES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY VERTICAL DISCREPANCY.

NOTE:
THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.

NORTH

20 10 0 20
SCALE – FEET

SITE PLAN KEY NOTES:

1. ASPHALT PAVEMENT. REFER TO DETAILS.
2. 6" CONCRETE APRON WITH 6"X6"X1/8" WWF STEEL REINFORCEMENT. USE 4000 PSI CONCRETE MIX. DO NOT USE SLAG OR FLAY ASH FOR CEMENTITIOUS MATERIAL.
3. 18" CONCRETE CURB & GUTTER, 6" HIGH CURB HEAD.
4. REVERSE SLOPE 18" CONCRETE CURB & GUTTER, 6" HIGH CURB HEAD.
5. BROOM FINISHED CURB FACED CONCRETE SIDEWALK SLOPED AWAY FROM BUILDING. REFER TO DETAILS.
6. BROOM FINISHED 5' WIDE CONCRETE SIDEWALK. INSTALL PER CITY OF WHITEWATER STANDARD SPECIFICATIONS. REFER TO DETAILS.
7. 6" CONCRETE DRIVEWAY APRON.
8. HANDICAP PARKING SPACE/VAN ACCESSIBLE SIGN.
9. CONCRETE APRON AND CONCRETE SIDEWALK TO BE FLUSH.
10. PAVEMENT MARKING LINES. 4" WIDE PAINTED WHITE WITH TWO (2) COATS OF SHERWIN WILLIAMS "HOTLINE" FAST DRYING TRAFFIC MARKING PAINT.
11. 45 DEGREE PAVEMENT MARKING LINES. 4" WIDE PAINTED WHITE WITH TWO (2) COATS OF SHERWIN WILLIAMS "HOTLINE" FAST DRYING TRAFFIC MARKING PAINT.
12. HANDICAP PARKING AND HANDICAP SYMBOL TO BE PAINTED COLOR & SIZE AS REQUIRED BY CODE. REFER TO DETAIL.
13. BOLLARD. REFER TO DETAILS. BOLLARDS ALONG FRONT OF STORE (6) ARE TO BE INSTALLED 5'-6" C-C.
14. DUMPSTER ENCLOSURE. REFER TO ARCHITECTURAL PLAN FOR DETAILS.
15. LIGHT POLE BASE, LIGHT POLE, AND LIGHT FIXTURE. REFER TO LIGHTING PLAN.
16. LANDSCAPE AREA. REFER TO LANDSCAPE PLAN.
17. ROAD PYLON SIGN FURNISHED AND INSTALLED BY ADVANCE AUTO PARTS. GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ELECTRIC TO THE SIGN. VERIFY LOCATION WITH AAP AND SIGN INSTALLER.
18. 30" CONCRETE CURB & GUTTER. CONSTRUCT IN ACCORDANCE WITH CITY OF WHITEWATER STANDARD SPECIFICATIONS.
19. EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED AND RELOCATED BY OTHERS.
20. ELECTRIC METER, GAS METER, AND TELEPHONE/CABLE PANEL.

PARCEL INFORMATION:

PARCEL = 0.73 ACRES (31,800 SF)
TOTAL IMPERVIOUS = 24,472 SF
BUILDING = 6,912 SF
ASPHALT/CONCRETE = 17,560 SF

PARKING REQUIREMENTS:

RETAIL = 4 STALLS PER 1000 S.F.
PARKING REQUIRED =28 STALLS
PARKING PROVIDED =29 STALLS
RATIO PROVIDED = 4.2/1000

PRELIMINARY
NOT FOR CONSTRUCTION

McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1025
Tel: (920) 751-4200 Fax: (920) 751-4284
www.mcmahon.com

McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original drawing or data without prior written consent.

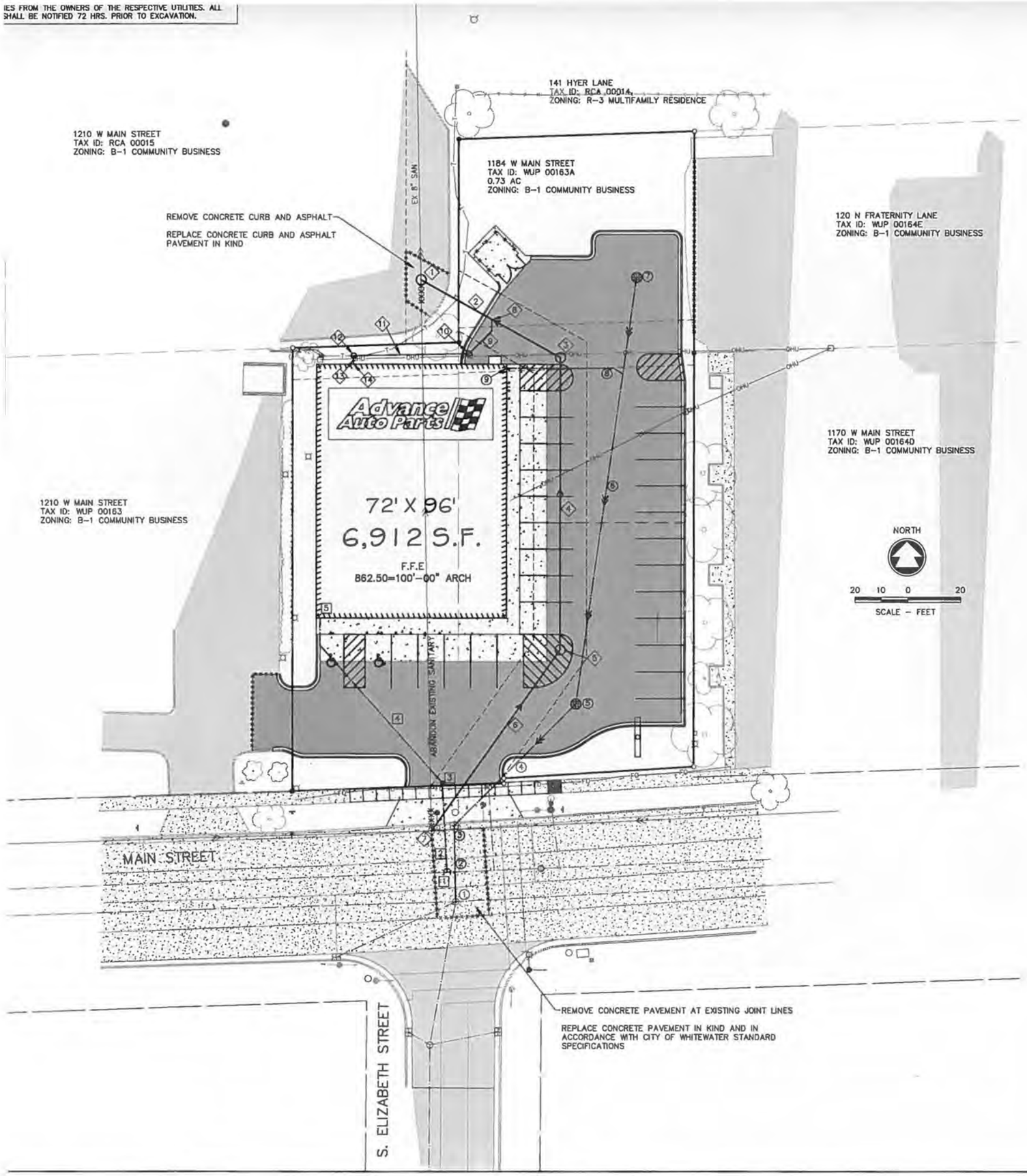
NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
PROPOSED SITE PLAN AND DIMENSIONS

DESIGNED	DRAWN
BTH	MJA

PROJECT NO. H1038 9-15-0066
DATE 12/2015
SHEET NO. C-3

IES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL
SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.



GALLONS PER MINUTE (GPM) FLOW RATE IS BASED ON 2009 INTERNATIONAL PLUMBING CODE AND WISCONSIN STATE PLUMBING CODE. CUBIC FEET PER SECOND FLOW RATES ARE EQUIVALENT TO A 5 YEAR RAIN EVENT, WHICH WAS VERIFIED BY USING THE RATIONAL METHOD.

1. REMOVE & REPLACE EXISTING 12" STORM SEWER WITH NEW 12" REINFORCED CONCRETE PIPE (RCP) STORM SEWER. EX. NORTH INVERT AT MANHOLE=857.80. NEW NORTH INVERT AT MANHOLE=857.10.
2. 27 L.F. OF 12" RCP STORM SEWER AT 0.30%. DOWNSTREAM INVERT=827.10. UPSTREAM INVERT AT INLET=857.12. (5,848GPM/13.04CFS)
3. 2'X3' CURB INLET. RIM FLOW LINE=862.35. NORTH & SOUTH INVERT=857.12.
4. 65 L.F. OF 12" RCP STORM SEWER AT 0.20%. (828GPM/1.84CFS)
5. 8' DIA. CATCH BASIN MANHOLE, WITH 4' SUMP. RIM = 861.05. INVERT = 857.23. SUMP=853.23. (320GPM/0.71CFS)
6. 162 L.F. OF 12" RCP STORM SEWER AT 0.20%. (507GPM/1.13CFS)
7. 8' DIA. CATCH BASIN MANHOLE, WITH 4' SUMP. RIM=860.60. INVERT = 857.55. SUMP=853.55. (242GPM/0.54CFS)
8. 45 L.F. OF 8" PVC STORM SEWER ROOF DRAIN AT 0.26%. DOWNSTREAM CONNECTION INVERT AT 12" CONCRETE STORM SEWER=857.48. (266GPM/0.59CFS)
9. CONNECT 8" PVC STORM SEWER TO BUILDING ROOF DRAIN SYSTEM AT INV=857.60 (APPROX.). SEE BUILDING PLUMBING PLANS FOR EXACT CONNECTION LOCATION AND ELEVATION.

SANITARY SEWER ◇

1. CONSTRUCT 4' DIA. SANITARY MANHOLE OVER EXISTING 8" CITY SANITARY SEWER MAIN AT INVERT=852.60 (NORTH PIPE INVERT) RIM=860.50 (MATCH EX. PAVEMENT). ABANDON SANITARY SEWER SECTION TO THE SOUTH PER CITY STANDARDS. NEW SOUTHEAST INVERT=853.18.
2. 60 L.F. OF 8" SDR 35 PVC SANITARY SEWER AT 0.40%.
3. 4' DIA. SANITARY MANHOLE. RIM=861.70. INVERT=853.42.
4. 110 L.F. OF 8" SDR 35 PVC SANITARY SEWER AT 0.40%.
5. 4' DIA. SANITARY MANHOLE. RIM=861.50. INVERT=853.86.
6. 83 L.F. OF 8" SDR 35 PVC SANITARY SEWER AT 0.40%.
7. CONNECT TO EXISTING 4' DIA. SANITARY MANHOLE AT INVERT=854.20. ABANDON SANITARY SEWER SECTION TO THE NORTH PER CITY STANDARDS.
8. 4" SANITARY LATERAL WYE CONNECTION. INV=853.45 (+/-).
9. 16 L.F. OF 4" SCH 40 PVC SANITARY SEWER AT 2.0%.
10. CLEANOUT. RIM=862.30. INV=853.77.
11. 44 L.F. OF 4" SCH 40 PVC SANITARY SEWER AT 2.0%.
12. CLEANOUT. RIM=862.40. INV=854.65.
13. 4 L.F. OF 4" SCH 40 PVC SANITARY SEWER AT 2.0%.
14. CONNECT 4" SCH 40 PVC SANITARY SEWER TO BUILDING SANITARY PLUMBING SYSTEM AT INVERT=854.73 (APPROX.). SEE BUILDING PLUMBING PLANS FOR EXACT CONNECTION LOCATION AND ELEVATION.

WATER MAIN □

1. CONNECT PROPOSED 1" HDPE WATER SERVICE TO CITY WATER MAIN. VERIFY WATER MAIN DIAMETER WITH CITY. PERFORM CONNECTION PER CITY OF WHITEWATER STANDARDS. TOP-OF-PIPE CONNECTION ELEVATION = 856.40 (APPROX.).
2. 33 L.F. OF 1" HDPE WATER SEVICE. MINIMUM BURY DEPTH=6.5'.
3. WATER SERVICE/SHUTOFF VALVE. RIM=862.60. TOP OF VALVE BODY=856.10.
4. 81 L.F. OF 1" HDPE WATER SEVICE. MINIMUM BURY DEPTH=6.5'.
5. CONNECT 1" HDPE WATER SERVICE TO BUILDING WATER SYSTEM AT INV=856.00 (APPROX.). SEE BUILDING PLUMBING PLANS FOR EXACT CONNECTION LOCATION AND ELEVATION.

PROPOSED DEVELOPED CONDITION 5- RATIONAL METHOD

AREA/ STORM SEWER NOTE NO	C	Acres	Tc	5 year Intensity	5 yr FLOW	10 year Intensity	10 yr FLOW[2]	100 year Intensity	100 yr FLOW
5	0.77	0.27	0.1	4.6	0.97	5.2	1.10	7.2	1.96
7	0.62	0.19	0.1	4.6	0.74	5.2	0.83	7.2	1.44
9	0.98	0.16	0.1	4.6	0.66	5.2	0.74	7.2	1.29
		0.63 acres			2.36 cfs		2.67 cfs		4.63 cfs

PROPOSED DEVELOPED CONDITION 5: PLUMBING CODE STORMWATER RUNOFF CALCULATIONS FOR STORM SEWER[1]

AREA/ STORM SEWER NOTE NO	SF PVMT	PVMT GPM	SF SW	SW GPM	SF LAWN	LAWN GPM	SF ROOF	ROOF GPM	TTL GPM	TTL CFS[2]
5	9249	284	462	14	2268	22	0	0	320	0.71
7	7180	220	398	12	934	9	0	0	242	0.54
9	0	0	0	0	0	0	6912	266	266	0.59
									827.69 gpm	1.84 cfs

1. Flows rates are based on the Wisconsin State Plumbing Code Requirements & cross checked with the International Plumbing Code, 2009 Edition
2. Storm sewer checked with rational method to verify consistency with the state plumbing code method.

Catch Basin TSS Removal Rates

Developed Condition	generated	released	captured	%
Two - 8' Dia. Catch Basins	268.1	178.9	89.2	33%

Peak Flow Reductions

Land Condition/Basin	Acres	Pond?	1-yr cfs	2-yr cfs	5-yr cfs	10-yr cfs	50-yr cfs	100-yr cfs
Existing North	0.099	no	0.21	0.23	0.34	0.39	0.57	0.66
Developed North	0.119	no	0.09	0.11	0.21	0.26	0.46	0.56
Existing South	0.632	no	1.23	1.37	2.05	2.40	3.58	4.15
Developed South	0.611	no	1.66	1.8	2.45	2.78	3.87	4.39
Total Project Existing	0.73	no	1.44	1.61	2.39	2.80	4.15	4.8
Total Project Developed	0.73	no	1.75	1.91	2.65	3.04	4.33	4.95

PRELIMINARY
NOT FOR CONSTRUCTION

McMAHON ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957
Tel: (920) 751-4200 Fax: (920) 751-42

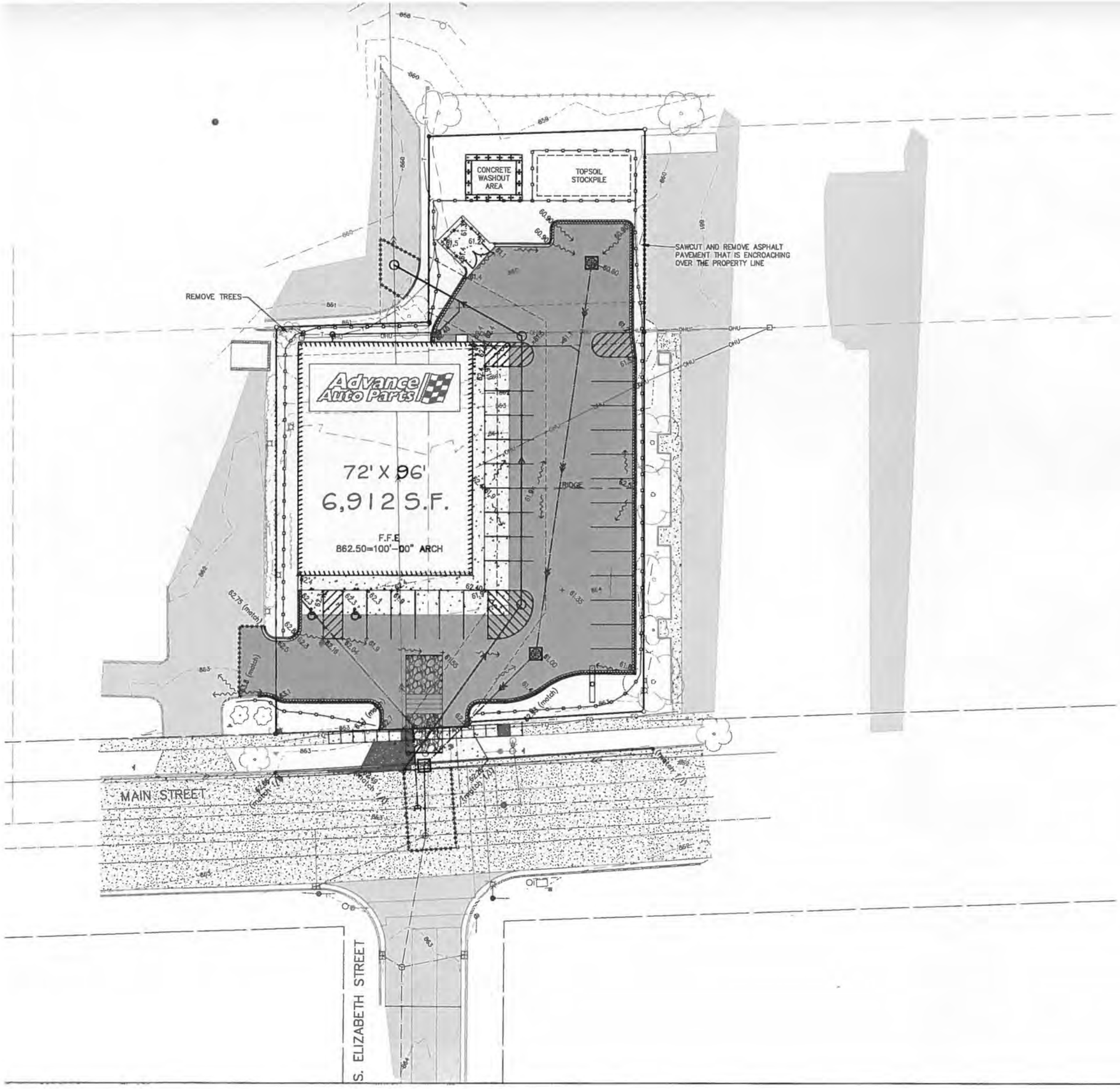
McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original drawing or data without prior

NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
PROPOSED SITE UTILITIES

DESIGNED	DRAWN
BTH	MJA

PROJECT NO. H1038 9-15-00660
DATE 12/2015
SHEET NO. C-4



NOTE:
PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PROPOSED SITE GRADES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY VERTICAL DISCREPANCY.

NOTE:
THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.

NORTH

20 10 0 20
SCALE - FEET

PRELIMINARY
NOT FOR CONSTRUCTION

McMAHON ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1
Tel: (920) 751-4200 Fax: (920) 751-4284

McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original

NO.	DATE	REVISION

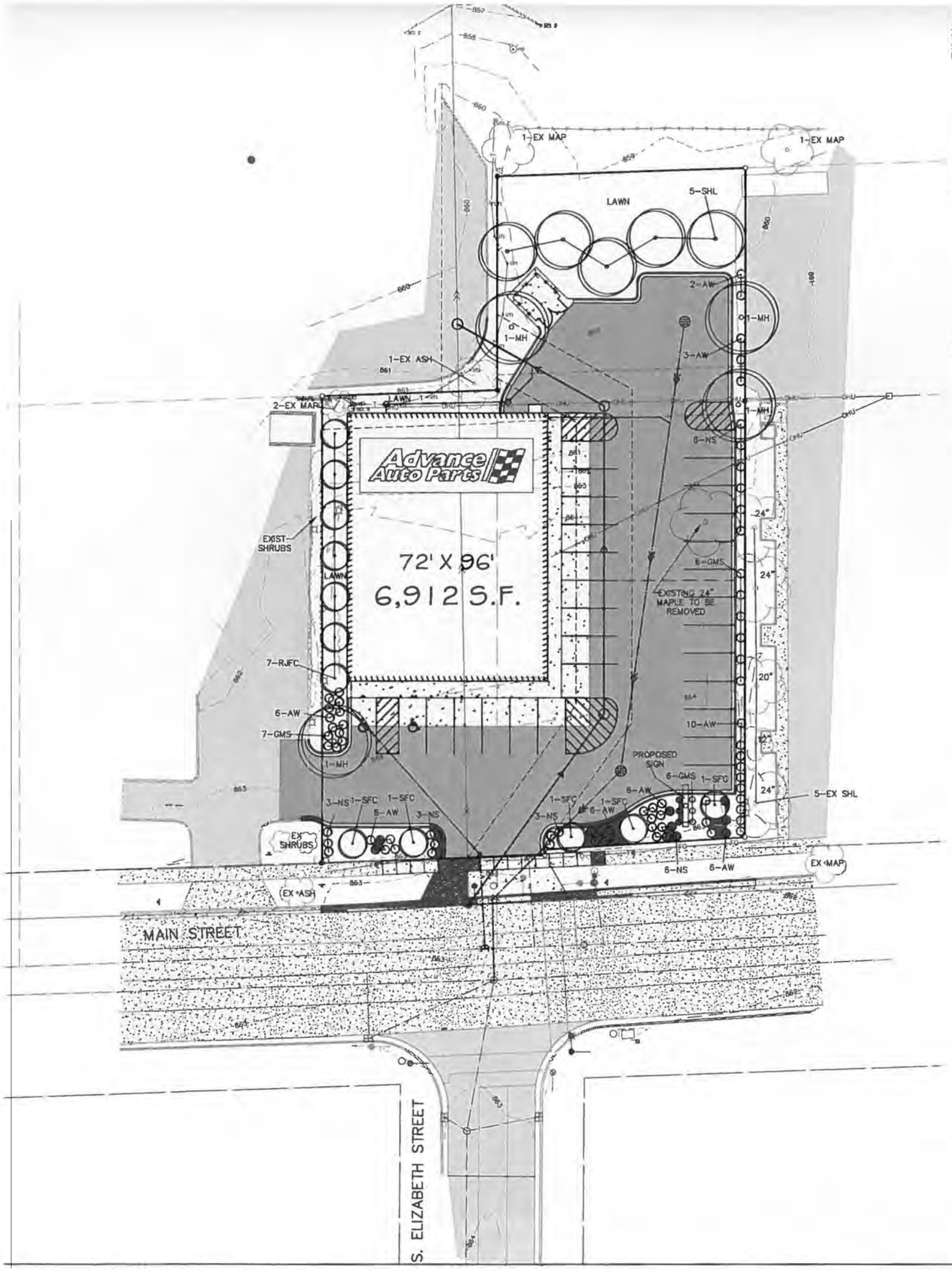
ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
PROPOSED GRADING AND EROSION CONTROL

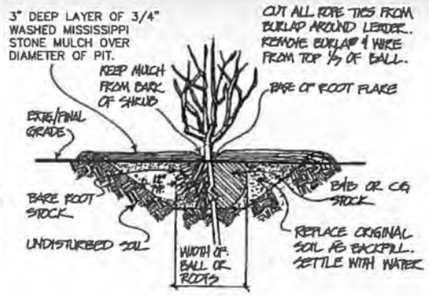
DESIGNED	DRAWN
BTH	MJA

PROJECT NO.
H1038 9-15-006

DATE
12/2015

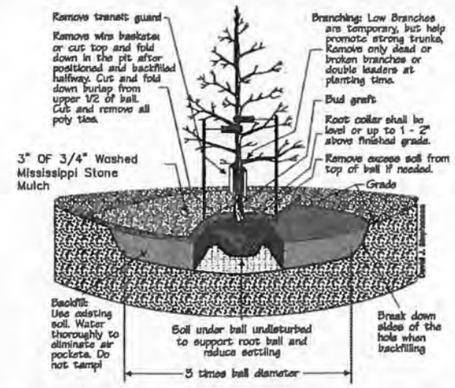
SHEET NO.
C-5





SHRUB PLANTING DETAIL
TO SCALE

Proper Tree Planting Diagram



Stake only if you have to. Use 2-3"-wide webbing straps and secure to stakes with heavy gauge wire. The wire should be able to stick straight out from the stake and hold the webbing strap up, preventing it from sliding down the tree. Do not stake tightly - trees gain strength from movement. Remove all stakes after one year.

Use of tree wrap is not recommended, as it causes a number of problems for the tree.

Wisconsin Dept. Of Natural Resources - Oct. 2000

LANDSCAPE SCHEDULE

EXISTING LARGE DECIDUOUS TREE

KEY	QUANTITY	COMMON NAME
EX MAP	2	Maple
EX ASH	1	Ash
EX SHL	5	Skyline Honeylocust
TOTAL	8	

LARGE DECIDUOUS TREE

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	SIZE AT MATURITY HEIGHT/WIDTH	POINTS PROVIDED
MH	4	Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair	Potted	2"	35' x 35'	
SHL	5	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	Potted	2"	35' x 35'	
TOTAL	9						

SMALL DECIDUOUS TREE

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	SIZE AT MATURITY HEIGHT/WIDTH	POINTS PROVIDED
SFC	5	Malus 'Sargenti'	Sargent Flowering Crab	Potted	1 1/2"	10' x 10'	300
RFC	7	Malus 'Red Jewel'	Red Jewel Flowering Crab	Potted	1 1/2"	18' x 12'	420
TOTAL	12						720

SHRUB (DECIDUOUS OR EVERGREEN)

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	SIZE AT MATURITY HEIGHT/WIDTH	POINTS PROVIDED
AW	48	Potentilla fruticosa 'Abbotswood'	Abbotswood Potentilla	Potted	2'	3' X 3'	920
NS	21	Spiraea japonica 'Norman'	Norman Spirea	Potted	2'	3' X 3'	420
GMS	19	Spiraea japonica 'Gold Mound'	Gold Mound Spirea	Potted	2 GALLON POT	2' X 2'	380
TOTAL	86						1720
TOTAL POINTS PROVIDED							2440

1. STREET FRONTAGE:
1 Deciduous tree per 35 feet
152' of frontage - 37' driveway = 115/35= 3.3 trees required none provided

2. PAVED AREAS
14,191 sq. ft. blacktop + 3,117 sq. ft. of concrete = 17,308 sq. ft.
1 large deciduous tree & 60 points of additional landscaping per 1,500 sq. ft. of paved area
17,308 sq. ft. of paved area/1500 = 11.54
or 12 trees & 720 additional landscaping points
/1500 = 11.53 round up to 12 trees - 12 trees provided

3. BUILDING FOUNDATION:
160 points of landscaping per 100 feet of visible exterior wall from the public right-of-way and adjoining sites
South wall 72' + East wall 96' + West wall 96' = 264' of building wall
264/100 = 2.64 x 160 = 420 points planted within 20 feet of the building - large deciduous trees should not be included

4. LANDSCAPE BUFFER YARDS (Not Included):

5. GENERAL YARD AREA:
This site contains 31,939 sq. ft. 200 additional landscaping points will be planted for each 5,000 sq. ft.
31,939 sq. ft./5000 = 6.38 x 200 = 1,280 points

TOTAL POINT REQUIRED:
720
420
1,280
2,420 (2,440 Points Provided)

NOTES:

T=TREES; S=SHRUB; E=EVERGREEN; B-B=BALLED IN BURLAP; B.R.=BARE ROOT; P=POTTED; T.S.= TREE SPADE.

THE LAYOUT OF THE PLANTING AND LOCATION OF PLANT HOLES OR BEDS SHALL BE STAKED BY THE CONTRACTOR SUBJECT TO ENGINEER/ ARCHITECTS APPROVAL.

ALL PLANTING AREAS TO BE FREE OF WEEDS AND GRASS, TREATED WITH A NON-LEACHING PRE-EMERGENT HERBICIDE, PREEN OR EQUAL, PER MANUFACTURER'S SPECIFICATIONS AND COVERED WITH TYPAR 3301 OR EQUAL AND THEN WITH 3" OF 3/4" WASHED MISSISSIPPI STONE MULCH, FREE OF WEEDS AND DISEASE. THE BARK SHALL BE RAKED TO PRODUCE A UNIFORM TEXTURE. SUBMIT SAMPLES OF HERBICIDE, AND BARK MULCH TO ENGINEER/ARCHITECT FOR APPROVAL. ON DAY OF INSTALLATION WATER HERBICIDE TO ACTIVATE IF NECESSARY. MULCH IN NEW PLANTING ISLANDS IN THE PARKING LOT TO MATCH MULCH IN EXISTING PLANTING ISLANDS.

SEE THIS PAGE FOR PLANTING AND STAKING DETAILS.

AREAS TO BE PAVED, SEEDED, AND BEDDED ARE INDICATED ON THE PLANS.

PLANT QUANTITIES INDICATED ON THE PLAN RULE OVER QUANTITIES ON THE PLANTS LIST.

CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING PITS FOR NEW TREES.

ALL PLANTS TO BE SIZED AND GRADED AS RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE USA STANDARD FOR NURSERY STOCK.

PLANT SUBSTITUTIONS PERMISSIBLE WITH ENGINEER/ARCHITECT AND CITY APPROVAL AND WRITTEN NOTIFICATION PRIOR TO INSTALLATION.

PLASTIC OR METAL POTS TO BE REMOVED. SCORE ROOTBALL 1" DEEP WITH SHARP KNIFE. REMOVE TOP PORTION OF FIBER POT THAT EXTENDS ABOVE FINISH GRADE AND CUT SIDES OF POT TO AID IN DECOMPOSITION.

ALL LAWN AREAS TO BE SEEDED AND MULCHED WITH CHOPPED STRAW. MULCH IS TO BE CRIMPED AND SHOULD CONFORM TO DNR TECHNICAL STANDARDS 1058 AND 1059.

MATURE TREES SHOULD BE LINED UP TO PROVIDE A 10 FOOT UNDERCLEARANCE.

SEE EROSION CONTROL PLAN FOR EROSION MAT AND SPECIAL RESTORATION INFORMATION.

LOCATE TREES AWAY FROM THE PROPOSED SWALES.

ALL BEDS EDGES TO BE WELL SHAPED 'SPADE CUT' EDGES, 3" DEPTH, FORMED IN LINES OR CURVES AS SHOWN ON THE DRAWINGS.

RESTORE ALL DISTURBED AREAS AROUND PERIMETER OF SITE WITH LAWN.

PRELIMINARY
NOT FOR CONSTRUCTION

McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1025
Tel: (920) 751-4200 Fax: (920) 751-4284

McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original drawing or data without prior written consent by McMAHON.

NO.	DATE	REVISION

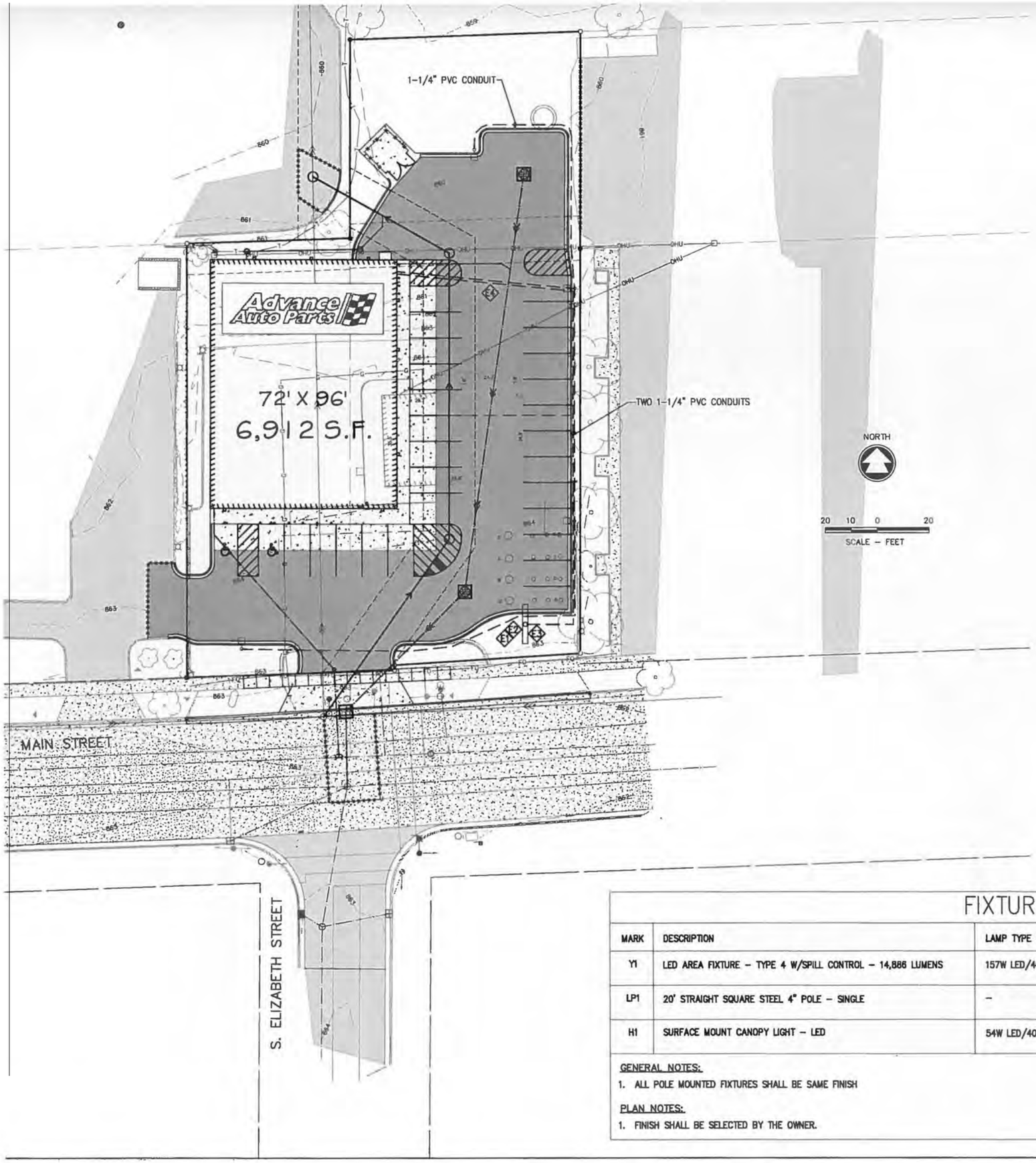
ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
LANDSCAPE PLAN

DESIGNED	DRA
BTH	MJ

PROJECT NO. H1038 9-15-00
DATE 12/2015
SHEET NO. C-6

RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.

SITE GUIDES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY VERTICAL DISCREPANCY.



SITE LIGHTING/ELECTRICAL GENERAL NOTES:

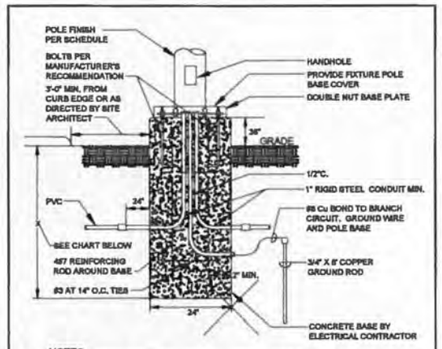
1. PROVIDE 36" CONCRETE BASE PER DETAIL BELOW FOR ALL LIGHT POLES SHOWN.
2. PROVIDE ALL EXCAVATION AND TRENCHING FOR INSTALLATION OF POLE BASES AND CONDUIT. BRING AREAS OF EXCAVATION/TRENCHING BACK TO ORIGINAL CONDITION.

E1 20 AMP WEATHERPROOF TOGGLE SWITCH FOR ROAD SIGN DISCONNECT SWITCH. MOUNT ON SIDE OF SIGN AND MAKE FINAL CONNECTIONS TO SIGN.

E2 STUB UP UNDERGROUND CONDUIT AND INSTALL A WEATHERPROOF J-BOX WITH GASKETED BLANK COVER PLATE. EXTEND CIRCUITS IN SEALTITE CONDUIT FROM J-BOX TO RECEPTACLE AND SIGN DISCONNECT SWITCH.

E3 20 AMP GFCI DUPLEX RECEPTACLE WITH IN-USE WEATHERPROOF COVER. MOUNT AT ROAD SIGN. COORDINATE WITH SIGN MANUFACTURER.

E4 STUB-UP SITE LIGHTING AND SIGN CONDUIT BELOW PANELBOARD AND CONNECT CIRCUITS AS REQUIRED. REFER TO ELECTRICAL PLANS.



NOTES:
1. IN UNDISTURBED EARTH, EXCLUDING FILL MATERIAL, A 2'-0" DIA. HOLE WHICH SHALL BE USED AS THE FORM FOR THE CONCRETE BASE SHALL BE DRILLED.
2. IN EXCAVATED AREAS OR IN EXISTING SOIL CONTAINING FILL OF OBJECTIONABLE MATERIAL, BACKFILL AROUND CONCRETE BASE WITH COMPACTED GRANULAR BACKFILL A MIN. OF 2'-0" IN ALL DIRECTIONS.

POLE HEIGHT IN FEET	BASE DEPTH IN INCHES BELOW GRADE
20'-0"	X = 60" (INCHES)

36" EXTERIOR LIGHTING
CONCRETE BASE DETAIL

FIXTURE SCHEDULE

MARK	DESCRIPTION	LAMP TYPE	LAMP QTY.	MANUFACTURER	CATALOG NUMBER	NOTE
Y1	LED AREA FIXTURE - TYPE 4 W/SPILL CONTROL - 14,886 LUMENS	157W LED/4000K	W/ UNIT	COOPER OR EQUAL	GLEON-AE-03-LED-E1-SL4	1
LP1	20' STRAIGHT SQUARE STEEL 4" POLE - SINGLE	-	-	COOPER OR EQUAL	SSS4A20S-X-N-1	1
H1	SURFACE MOUNT CANOPY LIGHT - LED	54W LED/4000K	W/ UNIT	McGRAW-EDISON OR EQUAL	ISC-E02-LED-E1-BL3-XX	1

GENERAL NOTES:
1. ALL POLE MOUNTED FIXTURES SHALL BE SAME FINISH

PLAN NOTES:
1. FINISH SHALL BE SELECTED BY THE OWNER.

PRELIMINARY
NOT FOR CONSTRUCTION

McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1

McMAHON provides this document, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or

NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
SITE LIGHTING PLAN

DESIGNED	DRAWN
BTH	MJ

PROJECT NO. H1038 9-15-00
DATE 12/2015
SHEET NO. C-7

EROSION CONTROL NOTES

1. THIS PLAN COVERS SITE GRADING AND UTILITY, STORMWATER DEVICE, PAVING & BUILDING CONSTRUCTION.
2. OBTAIN AN EXCAVATION PERMIT FOR ALL WORK WITHIN PUBLIC RIGHT OF WAY. OBTAIN AN EROSION & SEDIMENT CONTROL PERMIT PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES GREATER THAN 1 ACRE.
3. EROSION CONTROL PLAN DESIGN CRITERIA, STANDARDS AND SPECIFICATIONS: ALL EROSION CONTROL MEASURES SHALL AT A MINIMUM, COMPLY WITH THE DESIGN CRITERIA, STANDARDS, AND SPECIFICATIONS FOR EROSION CONTROL BASED ON ACCEPTED DESIGN CRITERIA, STANDARDS, AND SPECIFICATIONS IDENTIFIED IN THE LATEST EDITION OF THE DEPARTMENT OF NATURAL RESOURCES' TECHNICAL STANDARDS AND BY THE REQUIREMENTS OF THE CITY OF JANESVILLE'S EROSION CONTROL ORDINANCE. AS INDIVIDUAL PRACTICES FROM WI-DNR CONSTRUCTION SITE BMP HANDBOOK ARE PUBLISHED AS WI-DNR TECHNICAL STANDARDS, THE STANDARD SHALL GOVERN.
4. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 2 DAYS PRIOR TO THE START OF SOIL DISTURBING ACTIVITIES.
5. EROSION & SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED OR INSTALLED BEFORE LAND DISTURBING CONSTRUCTION ACTIVITIES BEGIN. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION UNTIL THE SITE IS STABILIZED BY VEGETATION OR OTHER APPROVED MEANS. FINAL STABILIZATION ACTIVITIES SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE & FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.
6. ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE AS TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
7. CONSTRUCTION ENTRANCES UTILIZING 3" CLEAR STONE SHALL BE MAINTAINED AT ALL CONSTRUCTION ENTRANCES TO THE SITE. THE ROCK DRIVE SHALL BE A MINIMUM OF 12 INCHES THICK AND BE A MINIMUM OF 50 FEET IN LENGTH BY THE WIDTH OF THE DRIVEWAY.
8. ON-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES, INCLUDING SOIL TRACKED BY CONSTRUCTION TRAFFIC, SHALL AT A MINIMUM BE CLEANED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR OTHER DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM ADJACENT STREETS BY THE USE OF MECHANICAL OR MANUAL SWEEPING OPERATIONS ONCE A WEEK AT A MINIMUM AND BEFORE IMMINENT RAIN EVENTS.
9. ALL SEDIMENT LADEN WATER PUMPED FROM THE SITE SHALL BE TREATED BY A TEMPORARY SEDIMENT BASIN OR BE FILTERED BY OTHER APPROVED MEANS. WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR RECEIVING CHANNELS. DEWATERING TO MEET THE REQUIREMENTS OF DNR TECHNICAL STANDARD 1061.
10. DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREA, INCLUDING SOIL STOCKPILES LET INACTIVE FOR MORE THAN 10 DAYS, SHALL AT A MINIMUM BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER APPROVED METHODS. STRAW MULCH SHALL BE ANCHORED BY "CRIMPING" THE STRAW INTO THE SOIL.
11. WASTE MATERIAL GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO A RECEIVING WATER OR STORM SEWER SYSTEM.
12. IN THE CASE OF LATE SEASON AND WINTER CONSTRUCTION, RESTORATION/LAND- SCAPING OF THE SITE SHALL ALL OCCUR NO LATER THAN JUNE 1 OF THE NEXT CONSTRUCTION SEASON. EROSION CONTROL MEASURES SHALL REMAIN INTACT UNTIL FINAL RESTORATION OF THE SITE IS COMPLETE. FABRIC INSIDE THE INLET AND CATCH BASIN GRATING SHALL BE REMOVED AS SOON AS FREEZING WEATHER OCCURS SO DRAINAGE IS NOT IMPAIRED THROUGHOUT THE WINTER MONTHS. ALL EROSION CONTROL PRACTICES REMOVED OR DAMAGED DUE TO WINTER WEATHER SHALL BE REPLACED IN THE SPRING IMMEDIATELY AFTER THE THAW.
13. EROSION CONTROL DEVICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE END OF THE WORK DAY.
14. INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5 INCHES OR MORE AND MAKE NEEDED REPAIRS.
15. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AT THE CONCLUSION OF CONSTRUCTION AFTER STABILIZATION OF DISTURBED SOIL HAS OCCURRED.
16. THE EXISTING GRASS STREET TERRACE WITHIN THE RIGHT OF WAY SHALL BE MAINTAINED AS A BUFFER THROUGHOUT CONSTRUCTION. AT A MINIMUM, THE GRASS TERRACE SHALL BE RESTORED WITH TEMPORARY SEED (OATS/RYE) AND MULCHED WITHIN 10 DAYS OF THE COMPLETION OF ALL LATERAL INSTALLATIONS AND OTHER CONSTRUCTION ACTIVITY. IF THE TERRACE IS NOT TO BE RESTORED DURING FINAL LANDSCAPING, A PERMANENT SEED MIX SHALL BE INSTALLED.
17. DIVERT CLEAR WATER AROUND WORK AREA DURING CONSTRUCTION.
18. FILLED/DISTRURBED OUTLOTS SHALL BE SEEDED WITHIN 10 DAYS AFTER GRADES HAVE BEEN REACHED.
19. SILT FENCE AND OTHER EROSION CONTROL DEVICES THAT ARE TEMPORARILY REMOVED FOR CONSTRUCTION ACTIVITY MUST BE REPLACED AS SOON AS THOSE ACTIVITIES ARE COMPLETED.
20. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF EROSION CONTROL DEVICES ONCE CONSTRUCTION IS COMPLETED AND VEGETATION HAS BEEN ESTABLISHED.
21. AIRBORNE DUST SHALL BE CONTROLLED BY WATERING ALL DISTURBED SOIL AREAS AND GRAVEL DRIVES WHERE WHEEL TRAFFIC IS PRESENT AND MOISTURE CONTENT OF THE SURFACE IS LOW ENOUGH TO ALLOW DUST EMISSION.

AMENDMENTS:

THE CONTRACTOR IS RESPONSIBLE FOR AMENDING THE EROSION & SEDIMENT CONTROL PLAN IF: THERE IS A CHANGE IN CONSTRUCTION, OPERATION OR MAINTENANCE AT THE SITE WHICH HAS THE REASONABLE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS; THE ACTIONS REQUIRED BY THE PLAN FAIL TO REDUCE THE IMPACTS OF POLLUTANTS CARRIED BY CONSTRUCTION SITE RUNOFF; OR IF THE DNR NOTIFIES THE APPLICANT OF CHANGES NEEDED IN THE PLAN. THE DNR AND CITY OF NEENAH SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO MAKING CHANGES TO THE PLAN.

THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING BEST MANAGEMENT PRACTICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES BY THE END OF THE WORK DAY. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING BEST MANAGEMENT PRACTICES TEMPORARILY REMOVED FOR CONSTRUCTION ACTIVITY AS SOON AS THOSE ACTIVITIES ARE COMPLETED. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF TEMPORARY BEST MANAGEMENT PRACTICES AFTER CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION IS ESTABLISHED.

General Contractor:
TO BE DETERMINED

Designer: McMAHON
Attn: Ben Hamblin, PE
1445 McMahon Drive
Neenah, WI 5956
920-751-4200

Owner's Representative:
Herbeck Developement
Attn: Dave Herbeck
2601 E. Gatewood Drive
Appleton, WI 54915
(920) 428-9028

EROSION & SEDIMENT CONTROL PLAN

BEST MANAGEMENT PRACTICES:

THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) TECHNICAL STANDARDS. THESE STANDARDS MAY BE FOUND ON THE DNR WEBSITE AT http://www.dnr.state.wi.us/org/water/wm/nps/stormwater/techstds.htm. RIP-RAP AND DE-WATERING SHALL COMPLY WITH THE WISCONSIN CONSTRUCTION SITE BMP HANDBOOK UNTIL TECHNICAL STANDARDS 1061 AND 1065 ARE COMPLETED BY THE DNR. THE MINIMUM BEST MANAGEMENT PRACTICES SPECIFIED FOR THIS PROJECT ARE AS FOLLOWS:

[ ] LAND APPLICATION OF POLYACRYLAMIDE (1050)
[ ] WATER APPLICATION OF POLYMERS (1051)
[ ] NON-CHANNEL EROSION MAT (1052)
[ ] CHANNEL EROSION MAT (1053)
[X] VEGETATIVE BUFFER (1054)
[ ] SEDIMENT BALE BARRIER (1055)
[X] SILT FENCE (1056)
[X] TRACKING PAD & TIRE WASHING (1057)
[X] MULCHING (1058)
[X] SEEDING (1059)
[X] STORM DRAIN INLET PROTECTION (1060)
[ ] DE-WATERING (1061)
[ ] DITCH CHECK (1062)
[ ] SEDIMENT TRAP (1063)
[ ] SEDIMENT BASIN (1064)
[ ] RIP-RAP (1065)
[ ] CONSTRUCTION DIVERSION (1066)
[ ] GRADING PRACTICES (1067
[ ] DUST CONTROL (1068)
[ ] TURBIDITY BARRIER (1069)
[ ] SILT CURTAIN (1070)

NOTE:
PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PROPOSED SITE GRADES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY VERTICAL DISCREPANCY.

NOTE:
THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES AND IMPLEMENTING BEST MANAGEMENT PRACTICES TO DO THE FOLLOWING TO THE MAXIMUM EXTENT PRACTICABLE:

A. PRESERVE EXISTING VEGETATION WHERE POSSIBLE. TEMPORARILY STABILIZE EXPOSED SOILS THAT WILL NOT BE ACTIVE FOR 30 DAYS OR MORE. POLYACRYLAMIDE, MULCHING, SEEDING AND GRAVELING MAY BE USED TO TEMPORARILY STABILIZE EXPOSED SOILS.

B. DIVERT CLEAR WATER AWAY FROM EXPOSED SOILS USING CONSTRUCTION DIVERSIONS.

C. MANAGE SHEET FLOW THAT IS NOT CONTROLLED WITH A SEDIMENT TRAPPING DEVICE. SILT FENCE IS USED TO MANAGE SHEET FLOW. GRADING PRACTICES MAY BE USED TO SUPPLEMENT THE SILT FENCE.

D. MANAGE CONCENTRATED FLOW WITH SEDIMENT TRAPPING DEVICES. STORM DRAIN INLET PROTECTION AND A SEDIMENT BASIN ARE USED TO MANAGE CONCENTRATED FLOW. POLYMERS ARE USED FOR THE SEDIMENT BASIN TO ENHANCE TRAPPING.

E. MINIMIZE THE AMOUNT OF SOIL EXPOSED AT ANY ONE TIME.

F. PROTECT INLETS FROM RECEIVING SEDIMENT WITH STORM DRAIN INLET PROTECTION.

G. PREVENT TRACKING OF SEDIMENT ONTO ROADS AND PAVED SURFACES USING TRACKING PADS AND/OR TIRE WASHING. MINIMIZE TRACKING AT ALL SITE EXITS AND ENTRANCES.

H. CLEANUP OFFSITE SEDIMENT DEPOSITS AT THE END OF EACH WORK DAY & BEFORE A RAIN.

I. MANAGE THE USE, STORAGE AND DISPOSAL OF CHEMICALS, CEMENT, CONCRETE AND OTHER COMPOUNDS AND MATERIALS TO PREVENT THEIR DISCHARGE INTO THE DRAINAGE SYSTEM.

J. STABILIZE DRAINAGE WAYS AND EROSIVE DISCHARGE LOCATIONS WITH CHANNEL EROSION MAT, MULCHING, SEEDING, DITCH CHECKS & RIP-RAP AS SOON AS POSSIBLE.

K. PERMANENTLY STABILIZE EXPOSED SOILS WITH NON-CHANNEL EROSION MAT, MULCHING AND SEEDING AS SOON AS POSSIBLE.

L. CONTROL AND MINIMIZE DUST FROM VEHICULAR TRAFFIC AND WIND EROSION. PRESERVING VEGETATION, MULCHING, SEEDING, WATERING, GRADING PRACTICES, POLYACRYLAMIDE, SOIL STABILIZERS, CHLORIDES, & BARRIERS MAY BE USED FOR DUST CONTROL.

M. PREVENT THE DISCHARGE OF SEDIMENT AS PART OF DE-WATERING. GEOTEXTILE BAGS, SEDIMENT TANKS, SEDIMENT TRAPS, SEDIMENT BASINS, AND FILTRATION SYSTEMS MAY BE USED FOR DE-WATERING. POLYMERS ARE TO BE USED TO ENHANCE SEDIMENT TRAPPING.

N. SOIL TYPE, PER NRCS SOIL MANUAL, IS GRISWOLD LOAM (GsB), WHICH IS IN HYDROLOGIC SOIL GROUP C. DEPTH TO WATER TABLE IS MORE THAN 80 INCHES.

ANTICIPATED GENERAL SITE CONSTRUCTION, GRADING & EROSION CONTROL PLAN

This sequence is approximate. Days are measured as calendar days, not working days. Work tasks could be done concurrently.

WINTER, 2015/2016

1. Hold preconstruction conference.
2. Install gravel construction entrance and erosion control provisions as shown on the plan, and per the construction sequence described on this page. (Day 1)
3. Contact the City of Whitewater to notify them that the site grading is to begin and erosion control provisions are installed. (Day 1)
4. Begin demolition. Remove buildings and underground fueling station systems. Strip topsoil and remove pavement from construction areas, as deemed necessary by the contractor. Remove excess material from site. Stockpiles lasting for more than 7 days require stabilization. (Days 2-50)
5. Begin building foundation construction. (Days 50-70)
6. Begin building construction. (Days 70-180)

SPRING, 2016

7. Complete utility construction. (Days 160-170)
8. Begin rough grading/excavation of parking lot. Dispose of excess material on site where fill is required. (Days 170-180)
9. Finalize pavement and building construction. Complete base course and asphalt placement. (Days 180-200).
10. Complete fine grading and landscaping. Permanently stabilize disturbed areas, cut and fill areas, lawn areas. Remove all erosion control measures once soil is at least 80% stabilized. (Days 200-210)

CONSTRUCTION EROSION & SEDIMENT CONTROL PRACTICES

The following erosion and sediment control practices apply only to the proposed construction. Site development equipment that is expected to be used will include backhoes, front end loaders, bulldozers, cranes, skid steers, dump trucks and other miscellaneous equipment. Approximately 0.75 acres of land will be disturbed during construction. Offsite projects or other onsite projects that are not discussed in this report or included in the stormwater construction discharge permit, will require their own erosion control permits and plans when the plans for those projects are finalized and submitted for review. It is expected that no dewatering will be required for this site.

All erosion and sediment control practices shall be in accordance with the Wisconsin Construction Site Technical Standards. Erosion and sediment control practices shall be in place prior to disturbing the site. Erosion and sediment control practices that may be used for this project are described as follows:

1. Clear Stone Ditch Check - Purpose is to reduce runoff velocity in channels, ditches, or swales in order to allow larger sediment particles to settle.
2. Rip-Rap Protection - Rip-rap and filter fabric prevent scour and erosion from occurring within streams, channels, ditches, swales, culvert outlets, or storm sewer outlets.
3. Silt Fence - Purpose is to intercept and detain sheet flow runoff from disturbed areas for sufficient time to allow larger sediment particles to settle out.
4. Construction Entrance - Construction entrances reduce the amount of mud transported onto public roads by vehicles, equipment, and storm water runoff.
5. Street Sweeping - Street sweeping collects mud that is transported onto public roads by vehicles, equipment and storm water runoff.
6. Mulching - Purpose is to reduce erosion by dissipating raindrop impact energy and reducing sheet flow velocity. Mulching also fosters grass seed growth. Mulching shall be performed within 7 days of the end of active soil disturbance.
7. Seeding - Purpose is to stabilize disturbed areas by planting grass seed in order to minimize erosion and reduce runoff velocity. Seeding shall be performed within 7 days of the end of active soil disturbance.
8. Erosion Blankets - Erosion blankets protect disturbed slopes and ditches from erosion.

CONSTRUCTION INSPECTION & MAINTENANCE PLAN

All temporary and permanent erosion and sediment controls shall be inspected by the contractor every 7 days and within 24 hours after a precipitation event of 0.5 inches or greater. Contractor shall maintain weekly written reports of all inspections as necessary to meet WI DNR and Whitewater's ordinance, until the site has undergone final stabilization and received final acceptance from Whitewater. Logs are to be kept on site, and shall include the following:

- Time, date and location of inspection.
- Personnel completing the inspection.
- Current phase of the construction at the time the inspection is occurring.
- Specific assessment of erosion control devices.
- Specific description of maintenance or repair required on the erosion control devices.
- Date and time when the required maintenance or repairs were made.

Contractor shall inspect erosion and sediment controls for structural damage, erosion, sediment accumulation, or any other undesirable condition. Contractor shall repair any damaged structures prior to the end of the working day. Sediment shall be removed from erosion control devices when the depth of sediment has accumulated to one half the height of the device. Eroded or tracked sediment should be cleaned from roadways before the end of the business day on which it accumulated.

In addition to these requirements, the contractor is required to meet all additional City and WI DNR regulations as stated on permits and on the construction plan sheets.

POST CONSTRUCTION WATER QUALITY, PEAK FLOW

This site eventually drains to Whitewater Creek, which is not listed on the State's 303d list of impaired waters. The use of water quality devices, along with good housekeeping maintenance practices, will help to maintain the quality of the waterbody:

- Water quality devices are used to trap suspended and dissolved solids prior to discharge.
- Peak flow devices such as detention ponds reduce erosive peak flow rates prior to discharge to the navigable streams.
- Prairie plants in water quality devices such as biofilters and stormwater ponds should help increase dissolved oxygen by shading the water surface and keeping it cool.
- Fertilizers used on the lawn during the construction restoration process, and during post construction site maintenance, are to have low/no phosphorous component. At the discretion of the owner, fertilizer should be based on a soil sample from a trusted soil scientist.
- A low salt application policy is encouraged during the winter season.

SILT FENCE
TECHNICAL STANDARD 1056

Determine spacing between fences:

The average slope of the sheet flow is: 1.25 %
Silt fence spacing: 100 ft

McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957
Tel: (920) 751-4200 Fax: (920) 751-4220

McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original drawing or data without prior written consent by McMAHON.

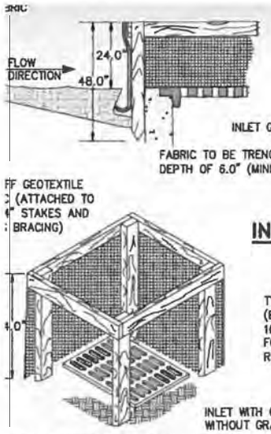
NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
EROSION CONTROL NOTES

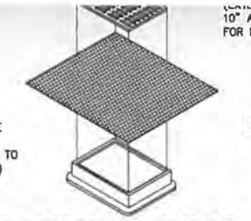
PRELIMINARY
NOT FOR CONSTRUCTION

DESIGNED	DRA
BTH	MJ

PROJECT NO. H1038 9-15-00
DATE 12/2015
SHEET NO. C-8



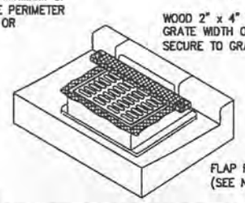
LET PROTECTION, TYPE A



INLET PROTECTION, TYPE B

WITHOUT CURB BOX

TYPE FF GEOTEXTILE FABRIC (EXTEND FABRIC A MINIMUM OF 10" AROUND GRATE PERIMETER FOR MAINTENANCE OR REMOVAL)



INLET PROTECTION, TYPE C

WITH CURB BOX

(EXTEND FABRIC A MINIMUM OF 10" AROUND GRATE PERIMETER FOR MAINTENANCE OR REMOVAL)

SIDE FLAP (SEE NOTE #4)

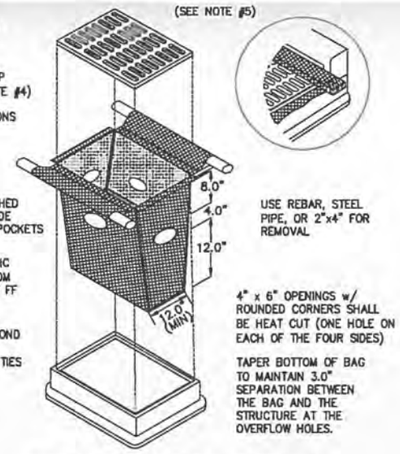
LENGTH AND WIDTH DIMENSIONS SHALL BE PER PLAN

FRONT LIFTING FLAP (SEE NOTE #3)

MINIMUM DOUBLE STITCHED SEAMS ALL AROUND SIDE PIECES AND ON FLAP POCKETS

TYPE FF GEOTEXTILE FABRIC (FRONT, BACK, AND BOTTOM TO BE A SINGLE PIECE OF FF FABRIC)

WOOD 2" x 4" EXTENDS 8" BEYOND GRATE WIDTH ON BOTH SIDES, SECURE TO GRATE w/ PLASTIC TIES



USE REBAR, STEEL PIPE, OR 2"x4" FOR REMOVAL

4" x 6" OPENINGS w/ ROUNDED CORNERS SHALL BE HEAT CUT (ONE HOLE ON EACH OF THE FOUR SIDES)

TAPER BOTTOM OF BAG TO MAINTAIN 3.0" SEPARATION BETWEEN THE BAG AND THE STRUCTURE AT THE OVERFLOW HOLES.

INLET PROTECTION, TYPE D

CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES

This drawing based on Wisconsin Department of Natural Resources Technical Standard No. 1060.

AL NOTES

ER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE WEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE TTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.

OTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF TSIDE OF FILTER BAG. FRONT, BACK, AND BOTTOM OF FILTER S BEING ONE PIECE.

NT LIFTING FLAP IS TO BE USED WHEN REMOVING AND NTAINING FILTER BAG.

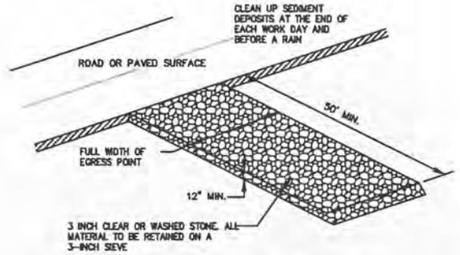
E FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.

P POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" x THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE R FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB E OPENING.

MAINTENANCE NOTES

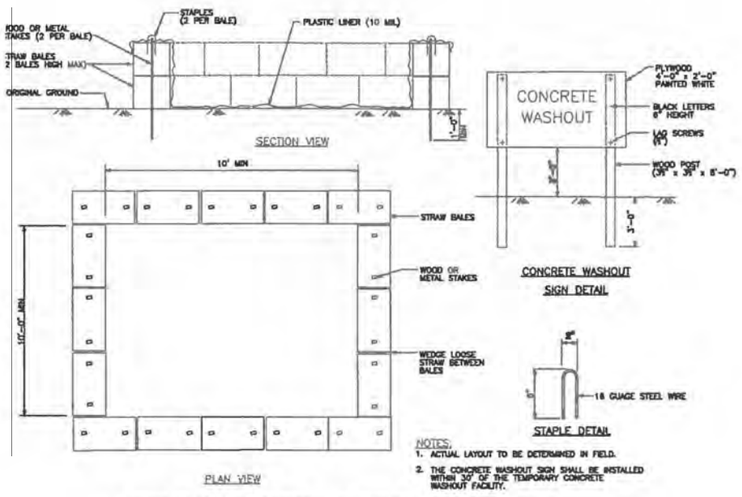
1. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

STORM DRAIN INLET PROTECTION



TRACKING PAD DETAIL

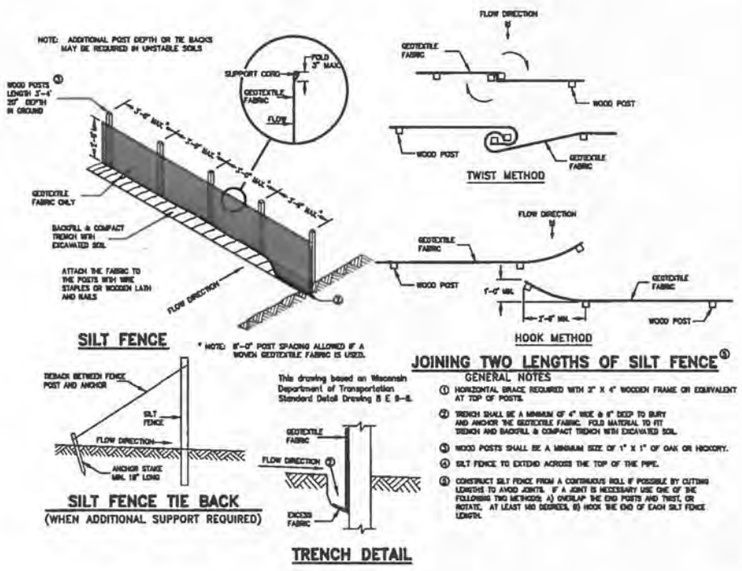
1. DIVERT FLOW AWAY FROM TRACKING PAD USING CULVERTS, SHALLOW TRENCH OR DIVERSION DAM.
2. ROCKS LODGED BETWEEN THE TIRES OF DUAL VEHICLES SHALL BE REMOVED PRIOR TO LEAVING THE SITE.
3. ON SITES WITH A HIGH WATER TABLE OR SATURATED SOILS, INSTALL A DOT TYPE R GEOTEXTILE FABRIC UNDER STONE TRACKING PAD.
4. MAINTAIN UNTIL SITE IS PAVED/STABILIZED



NOTES:
1. ACTUAL LAYOUT TO BE DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

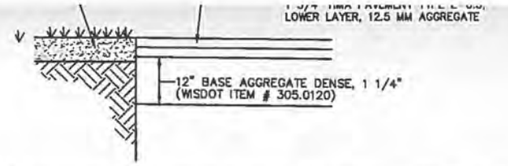
TEMPORARY CONCRETE WASHOUT FACILITY

NTS



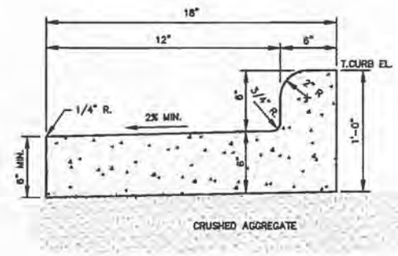
GENERAL NOTES

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1" X 1" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



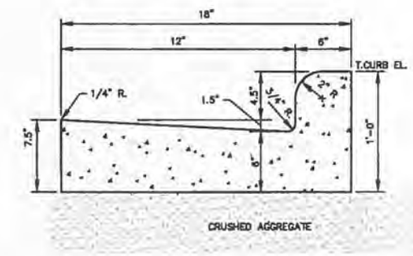
NOTE:
THIS PAVEMENT SECTION IS INTENDED TO BE USED IN AREAS WHERE A NEW PAVEMENT SECTION IS TO BE CONSTRUCTED. IN AREAS WHERE THE EXISTING ASPHALT IS TO BE PULVERIZED AND THE EXISTING BASE IS TO REMAIN, THE CONTRACTOR SHOULD VERIFY THE THICKNESS OF THE EXISTING BASE AND DETERMINE IF ADDITIONAL BASE IS NEEDED.

PAVEMENT DETAIL

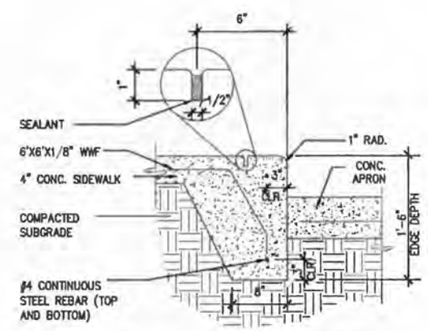


PARKING LOT REVERSE SLOPE CONC. CURB & GUTTER

REFER TO GRADING PLAN FOR LOCATIONS

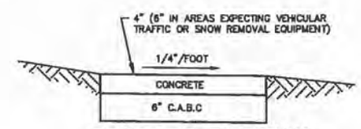


PARKING LOT CONC. CURB & GUTTER



CONCRETE CURB FACED SIDEWALK

ALONG THE SOUTH AND EAST SIDE OF THE BUILDING



CONCRETE SIDEWALK

McMAHON ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, W
Mailing: P.O.BOX 1025 NEENAH, WI
Tel: (920) 751-4200 Fax: (920) 75
www.mcmgrp.com

McMAHON provides this drawing and data, regardless of form, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMAHON harmless for any reuse of or changes made to the original drawing or data without prior written consent by McMAHON.

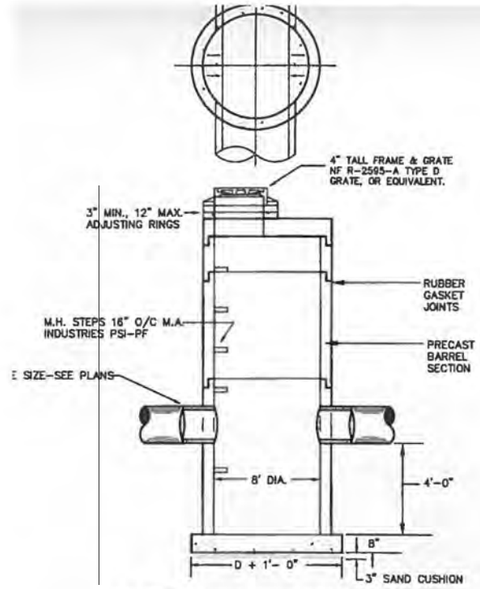
NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN
MISCELLANEOUS DETAILS

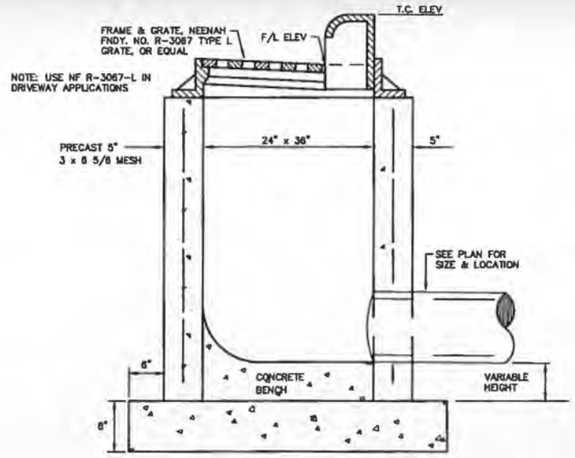
PRELIMINARY
NOT FOR CONSTRUCTION

DESIGNED	DRAWN
BTH	MJA

PROJECT NO. H1038 9-15-0066C
DATE 12/2015
SHEET NO. C-9



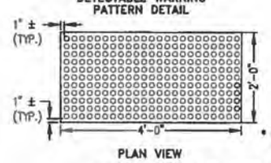
WATER QUALITY STRUCTURE DETAIL



CITY CURB INLET DETAIL

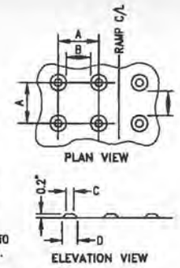
TRUNCATED DOMES

DETECTABLE WARNING PATTERN DETAIL

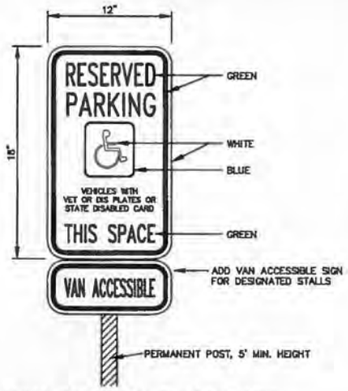


	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

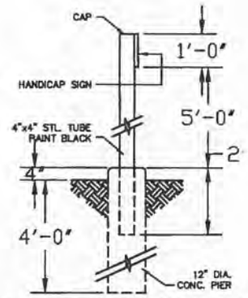


DETECTABLE WARNING FIELD (TYPICAL)

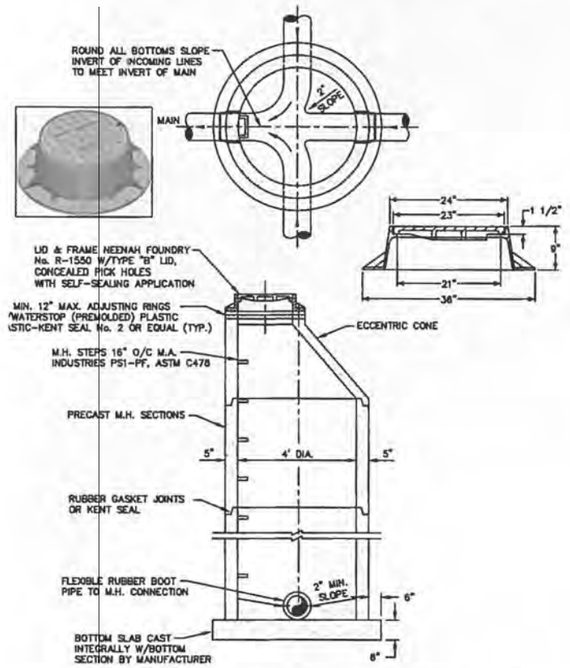


VAN HANDICAPPED STALL SIGN

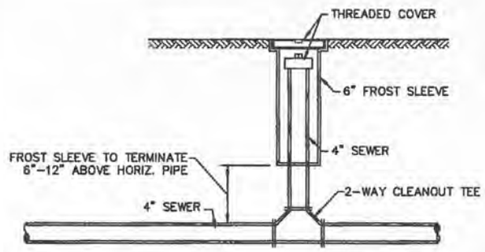
THE NEW OFFICIAL SIGN FOR HANDICAPPED PARKING SPACES.



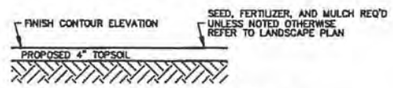
H.C. PARKING SIGN DETAIL



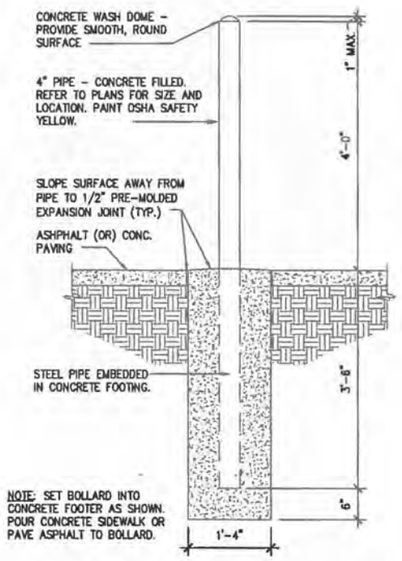
STANDARD PRECAST SANITARY MANHOLE



SEWER CLEANOUT DETAIL

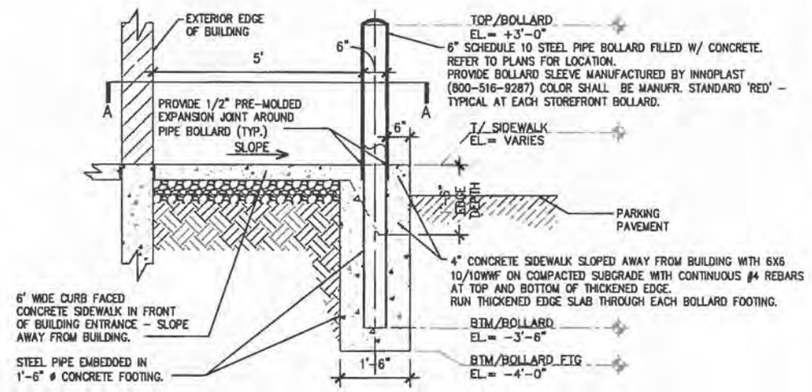


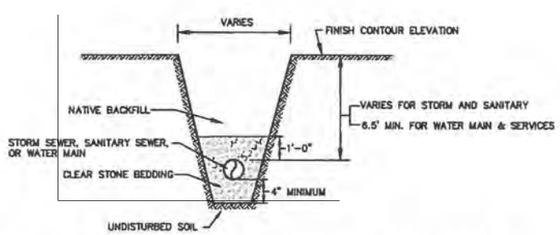
TYPICAL LANDSCAPED SECTION



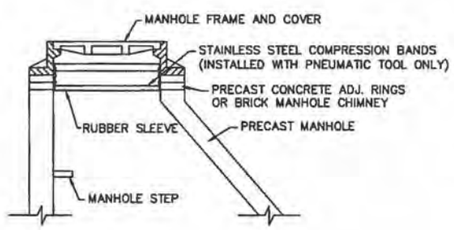
NOTE: SET BOLLARD INTO CONCRETE FOOTER AS SHOWN. POUR CONCRETE SIDEWALK OR PAVE ASPHALT TO BOLLARD.

BOLLARD DETAIL

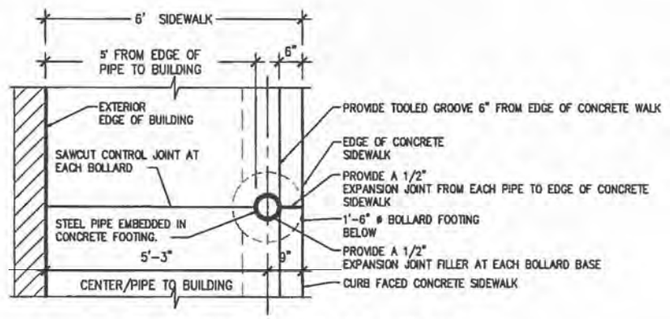




TRENCH DETAIL FOR SANITARY, STORM AND WATER



INTERNAL RUBBER SLEEVE FRAME / CHIMNEY SEAL



STORE FRONT BOLLARD DETAIL

McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 5495
1-800-338-1142 DATE OF SURVEY: NOVEMBER 2012

McMAHON provides this document and/or data in any form or format, as instruments of service. All rights including copyrights are retained by McMAHON. The client and/or recipient agrees to the latest version of McMAHON's standard indemnity and hold McMAHON harmless.

NO.	DATE	REVISION

ADVANCE AUTO
CITY OF WHITEWATER, WALWORTH COUNTY, WISCONSIN

PRELIMINARY
NOT FOR CONSTRUCTION

DESIGNED BTH
PROJECT H1038 9-15-
DATE 12/201
SHEET NO C-1