PLANNING AND DEVELOPMENT SERVICES STAFF REPORT

For Planning Commission Meeting of December 17, 2013

SUBJECT: Germain Motors Site Plan for City Council Approval

(2575 South State Street)

File No. SP13-048

PROPOSED CITY PLANNING COMMISSION MOTION

The Ann Arbor City Planning Commission hereby recommends that the Mayor and City Council approve the Germain Motors Site Plan, subject to variances for parking lot and landscape modifications being granted by the Zoning Board of Appeals.

PROPOSED CITY PLANNING COMMISSION MOTION

The Ann Arbor City Planning Commission hereby approves the proposed landscape modifications in order to reduce the requirement for depressed landscape islands, according to Chapter 62 (Landscape and Screening Ordinance), Section 5:608(2)(c).

STAFF RECOMMENDATION

Staff recommends that this petition be **approved** because, if the requested variances are approved, it complies with all the applicable local, state, and federal laws, ordinances, standards, and regulations; the development would limit the disturbance of natural features to the minimum necessary to allow a reasonable use of the land; would not cause a public or private nuisance; and would not have a detrimental effect on public health, safety, or welfare.

STAFF REPORT

The Germain Motors Site Plan was postponed by the Planning Commission at the November 19, 2013 meeting to allow the petitioner to revise plans to address concerns noted by staff and Planning Commission regarding the expansion of the proposed parking areas and additional impervious surface.

The petitioner has submitted revised plans in response to the comments received. All plan revisions deal with the proposed parking lot expansion and required landscaping. There have been no changes to the buildings or overall site layout. City staff has confirmed revisions to the plan help address these concerns, as described below.

<u>Porous Pavers</u> - The plan has been modified to install an additional 5,027 square feet of porous pavers for the expansion of the display areas along State Street and Oakbrook Drive. While the extent of the parking area remains the same, the pavers will reduce total impervious surface on

the site. The pavers will be designed to match the existing porous pavers previously installed in a display area along Oakbrook Drive.

<u>Interior Landscape Islands</u> – The petitioner has added 8 new depressed landscape islands to the parking storage areas in the rear. Consistent with City Code, the addition of these landscape areas breaks the expanse of the parking area into no more than 15 consecutive spaces and results in the removal of 24 parking spaces. As a result, the variance request to eliminate the requirement of installing the landscape islands has been withdrawn.

The depressed landscape islands also allow for additional infiltration of storm water runoff. The landscape islands decrease the impervious surface on the site by 2,998 square feet and provide a planting area for 16 additional trees (2 trees per landscape Island).

<u>Landscape Modification Request</u> – The Landscape Modification has now been modified to eliminate the request for the reduction of 8 trees to be planted on site. With the additional landscape islands now proposed, all required trees will be planted on the site.

The Landscape Modification request remains in order to permit the existing landscape islands to remain without alterations (depression) that allow infiltration. Due to the location of these landscape islands and existing trees, Natural Resources staff is supportive of the revised modification request.

<u>Variances</u> – As mentioned previously, the variance from the requirement of interior landscape islands in the storage areas has been withdrawn. The remaining variances for exceeding the maximum amount of small car parking spaces, reduced aisle widths and allowing stacked parking remain. Based on the changes to the plan to reduce impervious surface on site and the proposed car storage use, Planning staff is supportive of the revised variance request.

<u>Vegetated 'Green' Roof</u> – The petitioner contacted an architect specializing in green roofs to assess the possibility of constructing a green roof on one or all of the buildings. The architect discussed with City staff and contacted numerous sources in the area. The petitioner has indicated that a vegetated roof is not feasible without significant alterations to the existing buildings. An email summarizing petitioner's efforts is attached.

REVISED PARKING COMPARISON CHART

	EXISTING	PROPOSED	REQUIRED
Parking – Automobiles*	331 spaces – Regular 460 spaces – Small Car 791 total spaces*	188 spaces – Regular 851 spaces – Small Car** 1,015 total spaces	430 spaces MIN No maximum
Parking – Bicycle	6 Class C	14 Class A 14 Class C	14 Class A MIN 14 Class C MIN

^{*} Variances granted, May 2005

^{**} Variances requested, January 2013 (expected ZBA meeting date)

Germain Motors Site Plan for City Council Approval December 17, 2013 Page 3

Prepared by Matt Kowalski Reviewed by Wendy Rampson

Attachments: 11/19/13 Planning Staff Report

Revised Landscape Plan

c: Petitioner: Robert Wanty

Washtenaw Engineering Company 3526 W Liberty Road, Suite 400

Ann Arbor, MI 48103

Owner: Car Ger MI Ann Arbor LLC

8270 Greensboro Dr. Suite 950

McLean, VA 22102

Systems Planning File No. SP13-048

From: John Oney [mailto:joney@archall.com]
Sent: Thursday, December 12, 2013 10:11 AM

To: Kowalski, Matthew

Cc: Robert J. Wanty; David Kaldy

Subject: Germain Audi/Porsche/VW additions

Matt,

I hope all is well and look forward to seeing you next week. I wanted to follow up to Rick's December 3 Response letter and let you know what we have researched in regards to Bonnie Bona's request that we investigate the possibility of incorporating a "green roof" into the project.

The following is a summary of our investigation:

- 1. We talked with **Bloom Roofing** (large roofer in area that has installed green roofs0 about pros and cons. In addition to initial costs concerns his concern was maintenance
- 2. We talked with **Big Georges** who installed a 13,000 sf green roof. The cost was \$300,000 or \$23.00/sf. In addition to initial cost concerns his concern was maintenance cost.
- 3. We talked with **John Aleck of LiveRoof**, the company that installed 10,000 sf "green roof" on the Ann Arbor Municipal/ City Hall Building. He suggested we use his "middle of the road" system a 4" deep system. His cost estimate including material, installation was \$18/24 sf plus addition steel cost for 29PSF saturated weight. Maintenance cost was estimated at \$1/2 sf annually.
- 4. We talked with our **structural engineer** to confirm additional tonnage of steel to support additional load. Structural costs increased 25%
- 5. We talked with our **mechanical engineer** to confirm energy savings. Most of the energy savings comes from reduction of cooling costs since the green roof acts as a heat island and evaporative cooling occurs. Assuming we had a black roof of 20,000 converted to a green roof an annual energy savings would be \$8000. However we have proposed a white reflective TPO roof and no addition cost of a black roof and can produce the same energy savings as the green roof without the added initial cost and continuing maintenance cost.
- 6. We contacted **Jan Culbertson at A3C Architecture** and she was most helpful. She suggested the green roof they installed on their building, Xero Flor, was performing well and suggested it could be more a economical system. She estimated the material cost to be \$10 sf plus installation, structural and maintenance cost. She suggested the 2" system which would reduce saturated weight factor to 10PSF. She also said that their maintenance cost was around \$.75 SF annually \$.
- 7. We contacted **Heather Barker, Xero Flor green roofs**. She suggested 2" XF301 system similar to the A3C roof. She estimated \$8-12 sf material, \$3-6 sf installation, addition structural cost (10

psf saturated weight) and \$.50 sf annual maintenance cost with some self-performing of the work. Assuming \$2 sf additional steel cost her estimate of initial cost would be \$13 to 20 sf

Summarizing the above research we came to the following conclusions:

- 1. Initial cost of 20,000 sf of roof area (10,000/ bldg.) using the 2" system would be \$16.50sf x 20,000 sf = \$330,000
- 2. Annual maintenance cost would be \$.75 sf x 20,000 sf = \$15,000
- 3. Energy savings annually would be insignificant since we already are eliminating the heat gain of a black roof by using a reflective white TPO roof
- 4. Installing green roof to gain parking spaces is economically not something the owner can pursue with the scope and budget restraints of this project.
- 5. Based on that the Owner wishes to reduce the number of parking spaces requested and install bio swales, trees and green space that meet and/or exceed code requirements on the ground where they can be seen and help to improve the environment and customer experience.

Please don't hesitate to call if you have any questions. We look forward to your support and to seeing you next week. We are anxious to keep the project moving and on schedule.

Thanks

JOHN ONEY

PRESIDENT

ARCHITECTURAL ALLIANCE

165 NORTH FIFTH STREET | COLUMBUS OHIO 43215 P 614.469.7500 | F 614.469.0500 | www.archall.com

PLANNING AND DEVELOPMENT SERVICES STAFF REPORT

For Planning Commission Meeting of November 19, 2013

SUBJECT: Germain Motors Site Plan for City Council Approval

(2575 South State Street)

File No. SP13-048

PROPOSED CITY PLANNING COMMISSION MOTION

The Ann Arbor City Planning Commission hereby recommends that the Mayor and City Council approve the Germain Motors Site Plan, subject to variances for parking lot and landscape modifications being granted by the Zoning Board of Appeals.

PROPOSED CITY PLANNING COMMISSION MOTION

The Ann Arbor City Planning Commission hereby approves the proposed landscape modifications in order to use existing vegetation to count toward the interior parking lot landscaping requirements and eliminate the requirement for depressed landscape islands, according to Chapter 62 (Landscape and Screening Ordinance), Section 5:608(2)(c).

STAFF RECOMMENDATION

Staff recommends that the rezoning and site plan be **postponed** to give the petitioner an opportunity to address staff comments.

LOCATION

The site is located on east side of South State Street at the corner of Oakbrook (South Area, Malletts Creek Watershed).

DESCRIPTION OF PETITION

The petitioner seeks to construct additions to two of the three existing buildings on the site and construct an additional 248 vehicle parking spaces. The three buildings on site are composed of auto showrooms and service functions for Porsche/Audi, Volkswagen and Honda. As part of this project, some of the dealerships will switch buildings: Volkswagen will occupy the northernmost building; Porsche/Audi will occupy the middle building; and Honda will remain in the southernmost building.

Germain Motors Site Plan for City Council Approval November 19, 2013 Page 2

The petitioner is proposing a 4,877 sf addition to the Volkswagen building, for a total building size of 18,722 sf. A 6,429 sf addition is proposed to the Porsche/Audi building, for a total building size of 31,097 sf. The Honda building will not have any building additions and will remain 36,101 sf.

The site currently contains 791 vehicle parking spaces, with an additional 248 parking spaces proposed for a total of 1,039 parking spaces. The majority of the site's parking spaces are used for vehicle display and storage. The additional vehicle parking spaces will be located along the southern half of the S. State Street frontage, along the Oakbrook Drive frontage and in the rear car storage lots. The vehicle storage area located in the rear of the site is comprised of two large parking areas divided by an engineered vegetated slope and retaining wall.

The petitioner is requesting three variances from Chapter 59 (Off-Street Parking) in order to allow tandem parking, reduced aisle widths and exceed the maximum percentage (30%) of small car parking spaces. The petitioner is also requesting one variance from Chapter 62 to eliminate the requirement for required interior landscape islands in the car inventory and display areas.

A total of 28 bicycle spaces are required: 14 Class C bicycle spaces and 14 Class A spaces. All Class C spaces will be provided near the three building entrances, and the Class A spaces will be provided inside each building.

There currently are three curb cuts on South State Street providing access to the site; no modifications to the drives are proposed. Pedestrian connections have been added from the South State Street sidewalk to building entrances, as well as internal sidewalks in between buildings and customer parking areas on the site.

There are existing storm water facilities on the east side of the site and an adjacent site (same owner) across Boardwalk to the east of the site. The storm water facilities are under the jurisdiction of the Washtenaw County Water Resources Commissioner (WCWRC). Based on the total of impervious surface on the site, the petitioner is required to provide first flush, bankfull and 100 year storm detention capacity. The WCWRC has reviewed and approved the storm water plan, which includes minor modifications to the existing system and maintenance items to be addressed during construction.

There are four landmark trees located on the north side of the site, and three of these are proposed to be removed. The landmark trees are being removed for the expansion of the parking area and are not impacted by the proposed building additions. The alternatives analysis provided indicates that in order to preserve the three landmarks trees and provide the amount of parking desired, a parking structure would need to be constructed. Eleven additional trees will be planted as mitigation for the landmark tree removal. There are no other natural features on the site.

The petitioner is requesting a landscape modification in order to reduce the total number of trees provided (95 provided, 103 required) within interior landscape islands and eliminate the requirement for depressed landscape islands. The petitioner's Landscape Modification Request application and justification are attached.

The project is proposed to be completed in three phases. The first phase will consist of building and parking modifications to the center building (Porsche/Audi) and the southern building

(Honda). The second phase will be the building addition and parking lot modifications to the northern building (Volkswagen). The final phase will consist of construction of the additional parking areas in the rear of the site. The estimated cost of construction will be \$5.5 million.

As required by the Citizen Participation Ordinance, the petitioner mailed out postcard notification. There were no comments submitted by the public in response to the mailing. Staff has not received any feedback from the public in regards to this petition.

COMPARISON CHART

		EXISTING	PROPOSED	REQUIRED
Zoning		M1A (Limited Light Industrial District) M1A (Limited Light Industrial District)		M1A (Limited Light Industrial District)
Gross Lot Area		426,017 sq ft (9.78 acres)	426,017 sq ft (9.78 acres)	13,000 sq ft MIN
	Gross Land of Structure	13.9%	16.1%	40% MAX
Maximum Useable Floor Area in % of Lot Area		17.5% (74,614 sq ft)	20.2% (85,920 sq ft)	75% MAX (319,512 sq ft)
Ø	Front – State Street (center building)	63 ft	54 ft	15 ft MIN No maximum
Setbacks	Front- Oakbrook	118 ft	118 ft	15 ft MIN No maximum
	Front – Boardwalk	600+ ft	600+ ft	15 ft MIN No maximum
	Side	31 ft 6 in(north)	1 ft 9 in(north)	None
Height	•	24 ft MAX	24 ft	35 ft MAX
Parking – Automobiles*		331 spaces – Regular 460 spaces – Small Car 791 total spaces*	188 spaces – Regular 851 spaces – Small Car 1,039 total spaces**	430 spaces MIN No maximum
Parking – E	Bicycle	6 Class C	14 Class A 14 Class C	14 Class A MIN 14 Class C MIN

Note: There is no rear setback because the site has frontage on three public streets; the remaining property lines are classified as sides.

^{*} Variances granted, May 2005

^{**} Variances requested, December 2013 (expected ZBA meeting date)

SURROUNDING LAND USES AND ZONING

	LAND USE	ZONING
NORTH	Public School Transportation Facility and Office	M1 (Limited Industrial District)
EAST	Storm Water Facility, Railroad, Industrial	M1A (Limited Light Industrial District) and M1 (Limited Industrial District)
SOUTH	Office	O (Office District) and ORL (Office, Research and Limited Industrial District)
WEST	UM Commuter Parking Lot	O (Office District)

HISTORY

The site, with the existing Volkswagen dealership building, was annexed into the City in 1968. A site plan for the Honda dealership building was approved in February 1971. The Zoning Board of Appeals approved variances in July 1972 to allow parking in the front setback, and in August 1976 for a 24-inch tall screen and five-foot wide landscape buffer at State Street. Revised site plans were approved in September 1979 to expand the showroom and in August 1986 to expand the Honda service area. The site plan was administratively amended in November 1986 to shift the location of the detention area to the southeast corner of the site. The Zoning Board of Appeals (ZBA) granted variances in December 2000 to allow reduced aisle widths, stall dimensions, an excess of small car spaces and stacked parking only in the vehicle storage area and a revised site plan was approved in February 2001 to expand the Honda dealership. Construction was never initiated, however. In December 2003, a site plan was approved to construct a new automobile dealership building (replacing an existing structure), to add a carwash facility (for the dealership's use only), to expand the parking and vehicle storage areas, and to establish a storm water management system for the entire 12.37 acres. This construction was completed in 2004.

In April of 2005, Planning Commission denied a proposal to construct 13 stacked parking spaces within the Oakbrook Drive front setback and two vehicle display pads within the State Street front setback. The proposed project did not meet City Code requirements and could not be approved without variances from the ZBA. After Planning Commission action, the petitioner applied to the ZBA for the necessary variances to permit the modifications requested. In May 2005, the ZBA granted a variance to allow the stacked parking within the Oakbrook Drive front setback, reducing the setback from 52.70 feet to 34.48 feet. At the ZBA meeting, the petitioner indicated that due to the installation of Oakbrook Drive, the setback along the southern property line was changed from a side setback (25 feet minimum) to a front setback (52.70 feet minimum) presenting the petitioner with an unreasonable hardship. The ZBA concluded that because of the nature of this change in required setbacks, a hardship did exist and subsequently granted the requested variance. At that same meeting, the ZBA denied the variance requested to install two vehicle display pads within the front setback of State Street.

The petitioner submitted a new plan for Planning Commission approval in June of 2005. The new plan proposed adding only the 13 additional stacked parking spaces and not the vehicle display pads. This plan was approved and proposed construction was completed in 2005.

In January 2011, revisions were approved to Chapter 55(Zoning) which reduced the front setback requirement from 40 feet to 15 feet.

PLANNING BACKGROUND

This site was included in the recent <u>South State Street Corridor Plan</u> and recommended for office, research and limited industrial uses in the future and ORL zoning (Area 1 land use recommendations). The Plan recommends enhanced non-motorized access to buildings and addition of "gateway" features to prominent sites along the corridor. In addition, the Plan states specific recommendations for Resource Management within the corridor. The recommendations include integrating better stormwater management methods (as indentified in the Mallett's Creek Restoration Plan) and ensuring future development is consistent with the adopted Natural Features regulations.

The <u>Non-Motorized Plan</u> recommends improved pedestrian connections between the buildings and the street. Bicycle lanes are available along South State Street in front of this location.

STAFF COMMENTS

<u>Systems Planning (Engineering)</u> – Adequate utilities exist to serve the site. No footing drain disconnects will be required. Petitioner must record an easement over the existing sanitary sewer main.

<u>Planning</u> – The proposed additions and renovations to the existing buildings will be a significant upgrade to the site and improve building appearance from South State Street. The addition of pedestrian connections to the buildings and added bicycle parking are consistent with intent of the Master Plan: Land Use Element and the South State Street Corridor Plan.

Planning staff has concerns regarding the amount of parking proposed to be constructed and the additional impervious surface, as well as the impact on the landmark trees. The parking and display area on the southern half of the site will be moved 32 feet closer to State Street than currently exists. While still remaining behind the required front setback (15 feet), a variance is required to provide tandem parking in this location. Staff does not support the granting of a variance for the expansion of this parking area.

Staff acknowledges that the area in the rear functions differently than a typical parking lot and in general would support reduced aisle widths and tandem parking, consistent with past ZBA approvals of similar requests for this site. However, staff encourages the petitioner to take additional steps to reduce impervious surface and/or provide alternative methods that would allow for an increase of car storage while reducing the expansion of paving.

Natural Resources (Landscaping) – Staff does not support the requested landscape modification or variances as proposed. The petitioner has not provided significant justification to satisfy the standards for impact to the landmark trees. Staff acknowledges that the car storage area in the rear of the site functions differently that a typical parking lot, however the intent of landscape islands is more than just aesthetic or pedestrian value. Landscape islands are intended to reduce the impervious surface, assist in storm water function and help reduce the heat island effect of large paved surfaces.

<u>Malletts Creek Coordinating Committee (MCCC)</u> – The MCCC met in early October to discuss the project and offered the following recommendations:

In the process of recognizing the Malletts Creek Restoration Plan, April 2000, on October 3, 2000 the City Planning Commission specifically resolved to minimize impervious area within the Malletts Creek watershed. This development proposal and the requested variance to exceed the parking maximums in Chapter 59 are in direct opposition of the recommendation of the Malletts Creek Restoration Plan and the City Planning Commission resolution. The Malletts Creek Coordinating Committee (MCCC) is not supportive of the request for a variance from the Landscape Ordinance (Chapter 62), requirement to have landscape islands every 15 spaces. Varying from this requirement will result is more impervious area, and thus more runoff will be contributed to Malletts Creek.

The Malletts Creek Coordinating Committee (MCCC) is not supportive of the request for a variance from the Landscape Ordinance (Chapter 62), requirement to have depressed bioswales within the interior landscaping of the parking lot. The purpose of this requirement is partially storm water quality driven. The variance could possibly be justified and/or mitigated if the petitioner provided a similar amount of storm water management throughout the site in the form of green roofs, sand filters, level spreaders, or other low impact development techniques.

Prepared by Matt Kowalski Reviewed by Wendy Rampson

Attachments: Parcel/Zoning Map

Aerial Photo Site Plan Landscape Plan Elevations

Landscape Modification Application

c: Petitioner: Robert Wanty

Washtenaw Engineering Company 3526 W Liberty Road, Suite 400

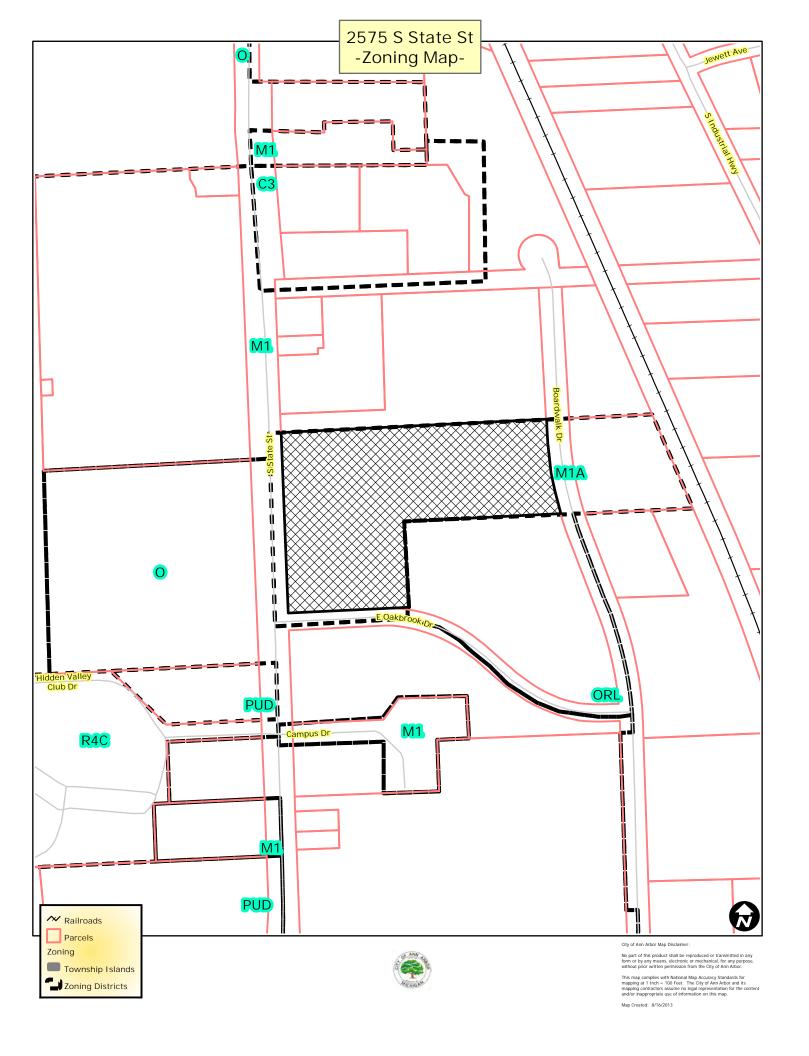
Ann Arbor, MI 48103

Owner: Car Ger MI Ann Arbor LLC

8270 Greensboro Dr. Suite 950

McLean, VA 22102

Systems Planning File No. SP13-048









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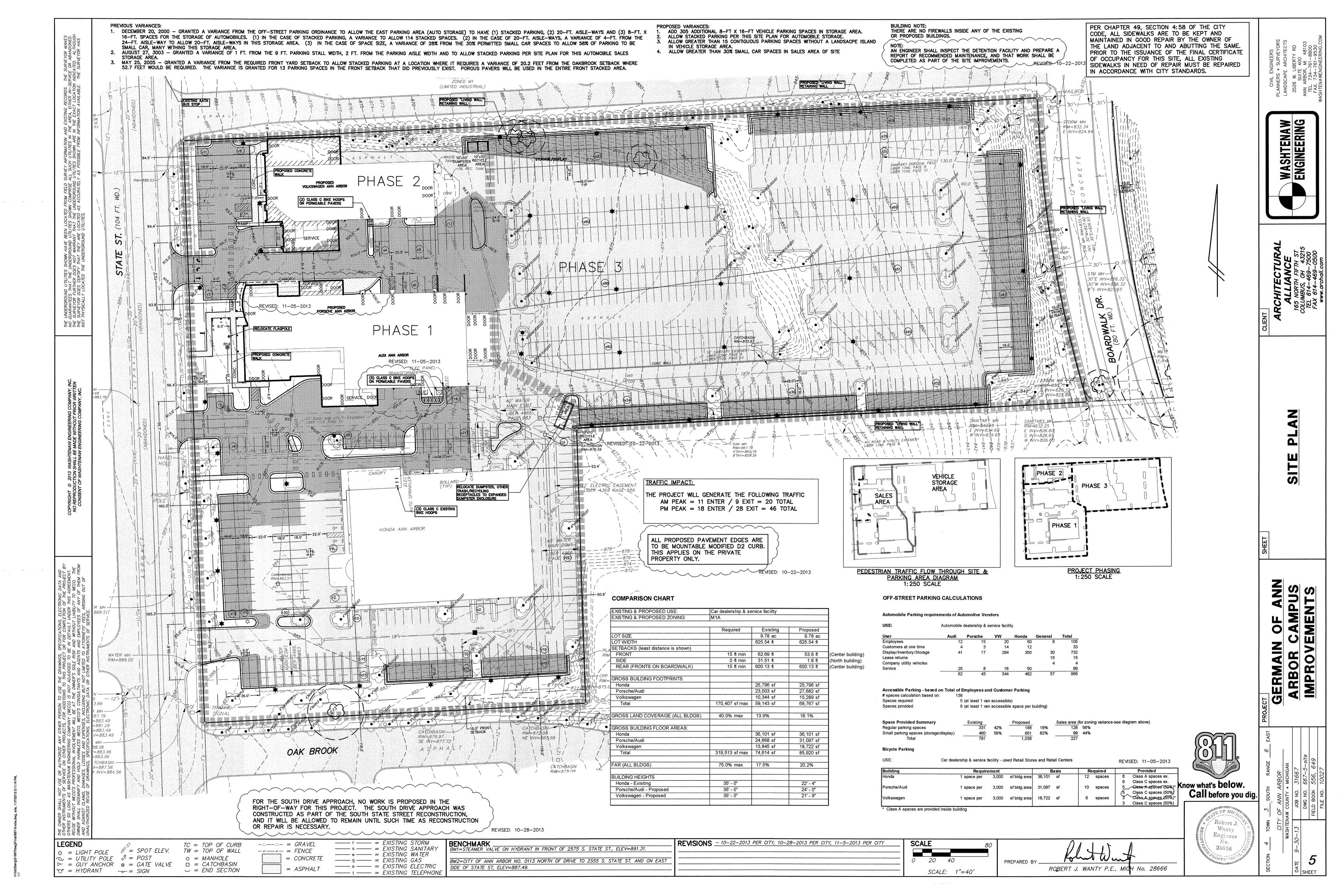




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SITE PLAN CEEFRALAIN OF ANN ARBOR CAMPUS IMPROVEMENTS

A PART OF THE SOUTHWEST 1/4 SECTION 4, T2S, R6E, CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN

COMMUNITY IMPACT

THE PROPOSED IMPROVEMENTS TO THE SITE WILL HAVE MINIMAL IMPACT ON THE

- AS IT IS NOT A HOUSING PROJECT, THERE WILL BE NO IMPACT ON AREA SCHOOLS. • THE ENTRIES ARE NOT CHANGING SIGNIFICANTLY AND THERE IS PROJECTED TO BE 20 ADDITIONAL AM PEAK TRIPS AND 46 ADDITIONAL PM PEAK TRIPS AS A RESULT OF THIS PROJECT. INCREASE IN TRAFFIC (VEHICLE STORAGE AREAS HAVE NO EFFECT ON TRAFFIC GENERATION).
- THE ADDITIONAL VEHICLE STORAGE AREAS WILL BE SCREENED BY LANDSCAPING. THE EXISTING STORM WATER DETENTION POND HAS SUFFICIENT CAPACITY TO HANDLE THE PROPOSED NEW IMPERVIOUS SURFACE WITH NO CHANGES SO RUNOFF WILL NOT
- NEGATIVELY IMPACT THE NEIGHBORS OR OUTLET. THE BUILDING APPEARANCE AND LANDSCAPING ALONG STATE STREET WILL BE
- NEW BENCHES WILL BE LOCATED ALONG STATE STREET FOR PEDESTRIAN USE. THERE ARE NO HISTORIC FEATURES ON THE PROPERTY SO THERE WILL BE NO
- NEGATIVE ARCHAEOLOGICAL IMPACTS FROM THE DEVELOPMENT. THE ONLY NEGATIVE IMPACTS ON NATURAL FEATURES WILL BE TWO LANDMARK
- BOXELDER TREES THAT WILL BE REMOVED, AND SOME MAN-CREATED STEEP SLOPES WILL BE IMPACTED BY EXPANSION OF THE PARKING AREAS.

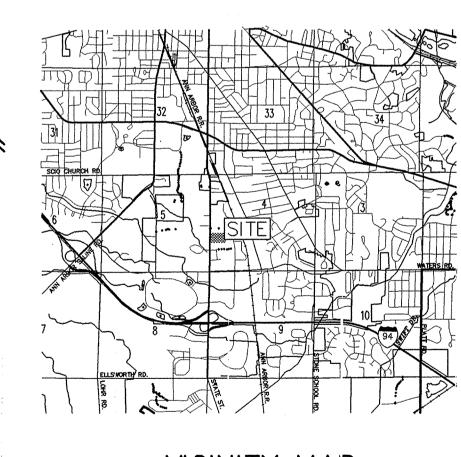
CONSTRUCTION NOTES

- 1. ALL WORK ON THIS SITE WILL BE IN ACCORDANCE WITH ALL APPLICABLE CURRENT STANDARDS & SPECIFICATIONS OF THE CITY OF ANN ARBOR EXCEPT
- 2. IT IS ESSENTIAL THAT THE CONTRACTOR FAMILIARIZE HIMSELF WITH THE SITE PRIOR TO SUBMITTING PROPOSAL.
- 3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY AND/OR OBTAIN ANY INFORMATION NECESSARY REGARDING THE PRESENCE OF UNDERGROUND UTILITIES WHICH MIGHT AFFECT THIS JOB
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO AND THE REPAIR OF ANY EXISTING UTILITY LINE IN THE CONSTRUCTION ZONE.
- 5. AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL "MISS DIG" (1-800-482-7171) FOR UTILITY LOCATIONS.
- 6. LOCATION OF EXISTING UTILITIES WERE TAKEN FROM EXISTING PLANS. LOCATIONS WERE FIELD VERIFIED WHERE POSSIBLE.
- 7. CONTRACTOR MUST OBTAIN AN EROSION CONTROL PERMIT FROM THE CITY OF ANN ARBOR PRIOR TO BEGINNING EARTH MOVING. CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURES PER THIS APPROVED PLAN.
- 9. ANY CONDITIONS EXISTING ON THE SITE THAT ARE NOT CONSISTENT WITH THE PLANS OR SOIL EROSION SEDIMENTATION PERMIT WILL RESULT IN A STOP WORK ORDER AND REVOCATION OF THE SOIL EROSION SEDIMENTATION CONTROL PERMIT.
- 10. ALL FILL MATERIAL MUST BE PLACED IN LIFTS NOT EXCEEDING 12 INCHES AND COMPACTED TO 95% OF THE MAXIMUM UNIT WEIGHT.
- 11. THE CONTRACTOR WILL BE REQUIRED TO PROOF ROLL (WITH A HEAVY RUBBER TIRED VEHICLE) ALL FILL AREAS PRIOR TO PLACING ADDITIONAL FILL AND ALL CUT AREAS UPON COMPLETION OF THE CUT AND PRIOR TO PLACING SUBBASE MATERIAL. IF THE PROOF ROLLING INDICATES UNSTABLE AREAS THE UNSTABLE MATERIAL MUST BE REMOVED AND REPLACED WITH MATERIAL MATCHING THE ADJACENT SOILS TO THE ELEVATION OF THE SUB-GRADE.
- 12. THE FINISHED SUBGRADE MUST BE GRADED WITHIN A TOLERANCE OF \pm 0.1 FEET OF DESIGN GRADE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM UNIT WEIGHT TO A DEPTH OF 9 INCHES AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLACEMENT OF THE SUBBASE
- 13. THE FINISHED SUBBASE MUST BE GRADED WITHIN A TOLERANCE OF \pm 3/4 INCH OF THE DESIGN GRADE AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLACEMENT OF THE AGGREGATE BASE. FINE GRADING PRIOR TO THE PLACEMENT OF THE AGGREGATE BASE MATERIAL SHALL BE INCLUDED IN THE COST OF FURNISHING AND PLACING THE SUBBASE.
- 14. THE WORK OF CONSTRUCTING ON AGGREGATE BASE COURSE SHALL CONFORM TO MDOT SPECIFICATION 3.01 EXCEPT THAT FINE GRADING PRIOR TO PLACEMENT OF OF THE BITUMINOUS SURFACING SHALL BE INCLUDED IN THE COST OF FURNISHING AND PLACING THE AGGREGATE BASE.
- 15. ALL PAVEMENT GRADES SHOWN REPRESENT TOP OF PAVEMENT AND EDGE OF METAL UNLESS OTHERWISE NOTED.
- 16. ALL CONSTRUCTION TRAFFIC CONTROL SHALL BE SIGNED PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES.

OWNER: CAR GER MI ANN ARB L.L.C. 8270 GREENSBORO DR. #950 McLEAN, VA 22102-4909

FOR: CAR GER MI ANN ARB L.L.C. (OWNER) **8270 GREENSBORO DR. #950** McLEAN, VA 22102-4909

SEPTEMBER, 2013



NOT TO SCALE

ARCHITECT



GENERAL CONTRACTOR



CIVIL ENGINEER / PETITIONER



CIVIL ENGINEERS * PLANNERS SURVEYORS * LANDSCAPE ARCHITECTS

P.O. BOX 1128 3526 WEST LIBERTY RD, STE 400, ANN ARBOR, MICHIGAN 48106 TEL. 734-761-8800 FAX. 734-761-9530 E-MAIL: weco@wengco.com

STATEMENT OF INTEREST IN THE LAND

OF THE CURRENT SITE AND WILL REMAIN UNDER THE SAME OWNERSHIP. THE PROPOSED BUILDING REMODELS AND INCREASED PARKING ON SITE WILL FURTHER STREAMLINE ALL BUSINESS PROCESSES RESULTING IN AN ENHANCED CUSTOMER EXPERIENCE THAT WILL GENERATE MORE REVENUE FOR THE BUSINESS AND THE CITY OF ANN ARBOR.

DEVELOPMENT PROGRAM

THE SITE IS AN EXISTING AUTOMOBILE SALES AND SERVICE DEALERSHIP, SERVING FOUR PROPOSES THE EXPANSION AND REMODELING OF TWO OF THE THREE BUILDINGS ON THE

THE EXPANSIONS WILL NOT REQUIRE ANY MODIFICATION TO THE STORM WATER DETENTION FACILITIES OR THE WETLAND MITIGATION AREA ON THE EAST SIDE OF BOARDWALK SO NO CHANGES OF ANY KIND ARE PROPOSED IN THAT AREA.

THE PROJECT WILL BE COMPLETED IN THREE PHASES. A DIAGRAM OF THOSE PHASES CAN BE FOUND ON SHEET #5 (SITE PLAN).

LANDSCAPING ALONG STATE STREET WILL BE SIGNIFICANTLY ENHANCED TO PROVIDE AN ATTRACTIVE VIEW FOR PASSERSBY ON STATE STREET AND WILL ALSO PROVIDE BENCHES ALONG THE STATE STREET SIDEWALK FOR PEDESTRIAN USE. DUE TO DIFFICULT SLOPE AND SOIL CONDITIONS IN THE LARGE INTERIOR ISLAND, A REQUEST FOR MODIFICATION FROM THE LANDSCAPE REQUIREMENTS WILL BE PART OF THIS APPLICATION FOR SOME OF THE REQUIRED INTERIOR LANDSCAPE TREES THAT CAN'T BE PLANTED.

IT IS ANTICIPATED THAT THE PROJECT WILL COST APPROXIMATELY \$5,475,000.

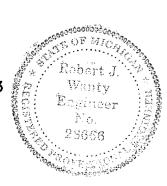
SHEET TITLE

TOPOGRAPHICAL SURVEY...........2 GRADING & SOIL EROSION CONTROL PLAN 6 SOIL EROSION CONTROL NOTES AND DETAILS 7 DRAINAGE AREA PLAN AND CALCULATIONS 9 ARCHITECTURAL PLANS

PRE-APPLICATION MEETING WITH WENDY RAMPSON

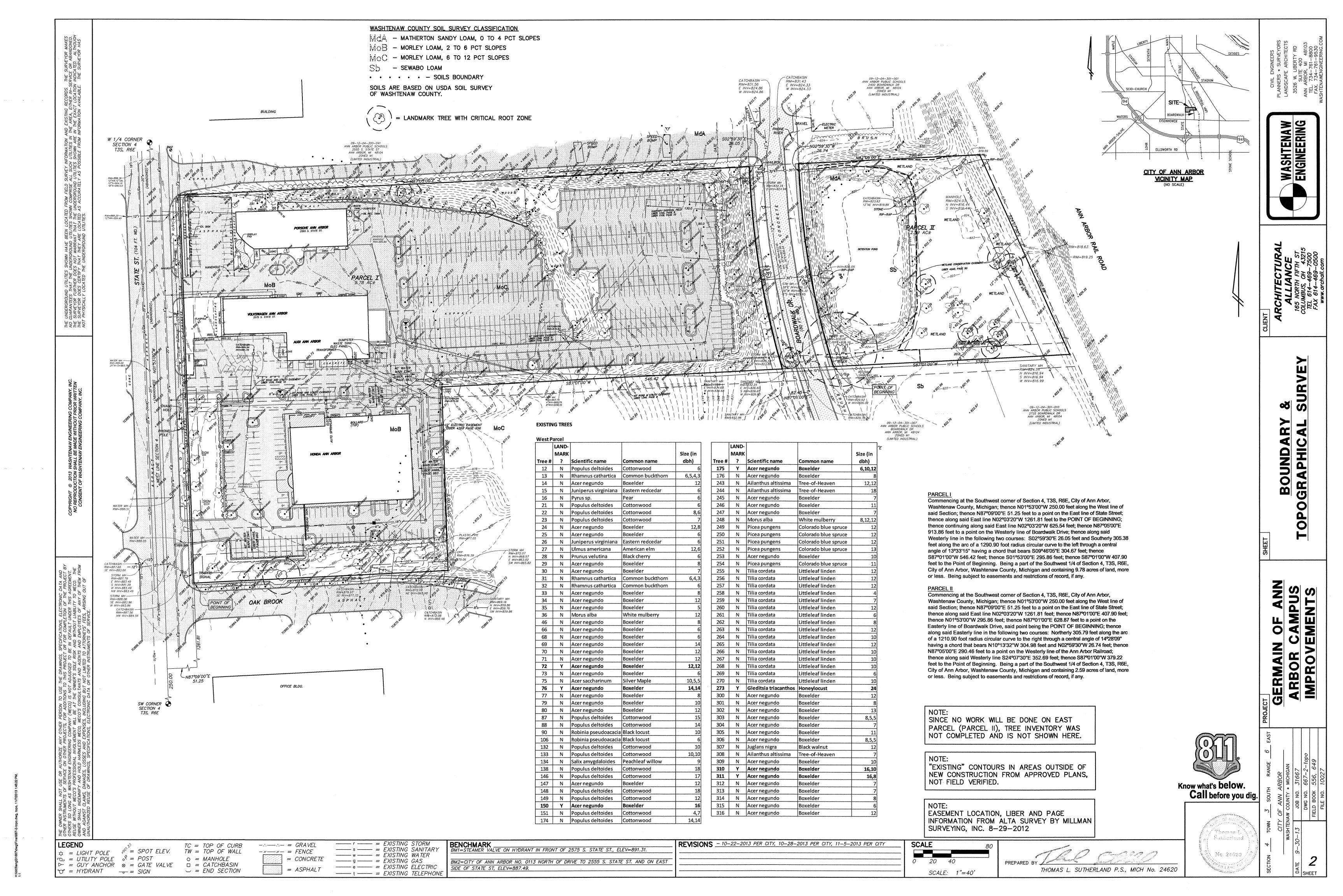
PREPARED BY

ROBERT J. WANTY P.E., MICH No. 28666



SHEET NO.

REVISED: 11-05-13 REVISED: 10-22-13 ORIGINAL: 9-30-13



₩ = HYDRANT

LEGEND x = LIGHT POLE

OF WASHTENAW COUNTY.

SOILS ARE BASED ON USDA SOIL SURVEY

= STEEP SLOPE AREA

LANDMARK TREE WITH CRITICAL ROOT ZONE

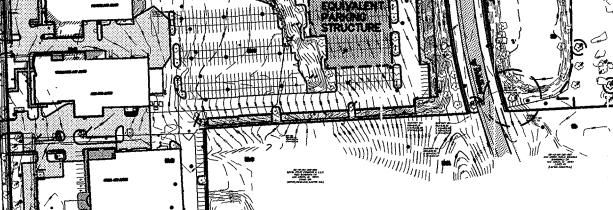
2.5" cal. Mitigation trees required Mitigation trees proposed (5) 2.5" cal. Nyssa sylvatica (Blackgum) (3) 2.5" cal. Celtis occidentalis (Hackberrry)

Gleditsia triacanthos Honevlocust

(3) 2.5" cal. Liriodendron tulipifera (Tuliptree) TREES WITH WORK IN CRITICAL ROOT ZONE TO BE SAVED

273 Required mitigation (maximum) # Mitigation trees required (maximum) LOCATION OF MITIGATION TREES TO BE PLANTED

ARE SHOWN ON LANDSCAPE PLAN.



ALTERNATIVE LAYOUT - PARKING STRUCTURE SCALE: 1"=200'

with a combination of Blackgum, Hackberry and Swamp White Oak (Quercus bicolor).

ALTERNATIVES CONSIDERED TO MINIMIZE IMPACTS

The primary source of impact on the site's natural features is the expansion of the parking lots for storage of vehicles. In order to gain the number of parking spaces provided by this plan, a parking deck would have to be built. To provide the number of spaces proposed for this project, a three story structure with a footprint of approximately 75,000 square feet (shown on this plan) would be required. The cost of a parking deck would be approximately \$18,000 per space (source: http://www.reedconstructiondata.com/ rsmeans/models/garage/), which is far beyond the available budget for this project. As a result, this option was not considered as viable.

The only other option to gain the number of spaces needed would be to purchase another property off-site for the additional capacity. This would require a large inefficiency in operations and use of resources as vehicles and employees would have to be shuttled back and forth between sites, and the amount of total impervious surface would be no less.

automobile dealership campus that has been serving the Ann Arbor area for over 48 years. The project is intended to increase the selection and stock of cars that the general public may purchase from with

convenience to inventory security. Increased storage capacity for vehicle inventory is recommended by the four automobile manufacturers represented by Germain of Ann Arbor. In order to meet this demand, existing parking lots. As alternatives to expanding the existing lots into greenspace, either an expensive parking structure would be required to handle the required additional inventory, or an off-site storage area would be required. The latter option would be difficult logistically because drivers and inventory would constantly need to be shuttled between the existing facilities and the satellite location, wherever Expanding into the parcel across Boardwalk is not possible because it is almost entirely occupied by the

c. The extent and permanence of the beneficial or detrimental effects which the proposed activity may have on the public and private use to which the area is suited, including the benefits the natural

As the open space in question is entirely on the applicant's private property, there is currently no public artificial steep slopes created with fill material that are populated by volunteer trees with varying value to wildlife. The main benefit provided to the public by these areas is screening from the parking lot, and that will be replaced by new plantings and vegetated retaining walls. The proposed changes will be

d. The probable impact of the activity in relation to the cumulative effect created by other existing slopes and some volunteer trees, mostly boxelders on the north edge of the site. The probable impact would be to fill some of the slopes and build retaining walls to support the increased vehicle storage areas. This impact basically continues a process begun years ago of changing the existing natural slope downhill from State Street toward the railroad tracks. The natural condition of the areas to be converted

vegetation. There are no historical, cultural, scenic, ecological or recreational values on the site where development activity is proposed. The existing storm water detention pond is large enough to handle all of the proposed new impervious surface, so plants and animals depending on the storm water detention

Proximity of the proposed activity in relation to the natural feature, taking into consideration the degree of slope, soil type and the nature of the feature to be protected. The proposed expansion of the northern (Volkswagen) building and the northern and eastern edges of the storage lots will encroach into the areas of treed steep slopes. As mentioned above, the underlying soils are Morley loam but there is a large amount of poor fill material on top of that, which was placed with the original creation of the storage areas and created the steep slopes.

Economic value, both public and private, of the proposed activity and economic value, both public and private, if the activity were not permitted. The economic value of this project is primarily private, although as noted before, it will allow the

PREPARED BY

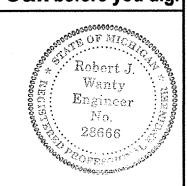
dealerships to provide continued convenient service to the Ann Arbor community in its current location in the most efficient manner. Should the activity not be permitted, either the dealerships would not be able to provide the optimal inventory, or a less efficient, satellite site for storage of inventory would be required to provide the recommended levels of inventory.

ROBERT J. WANTY P.E., MI



CITY OF ANN ARBOR <u>VICINITY MAP</u>

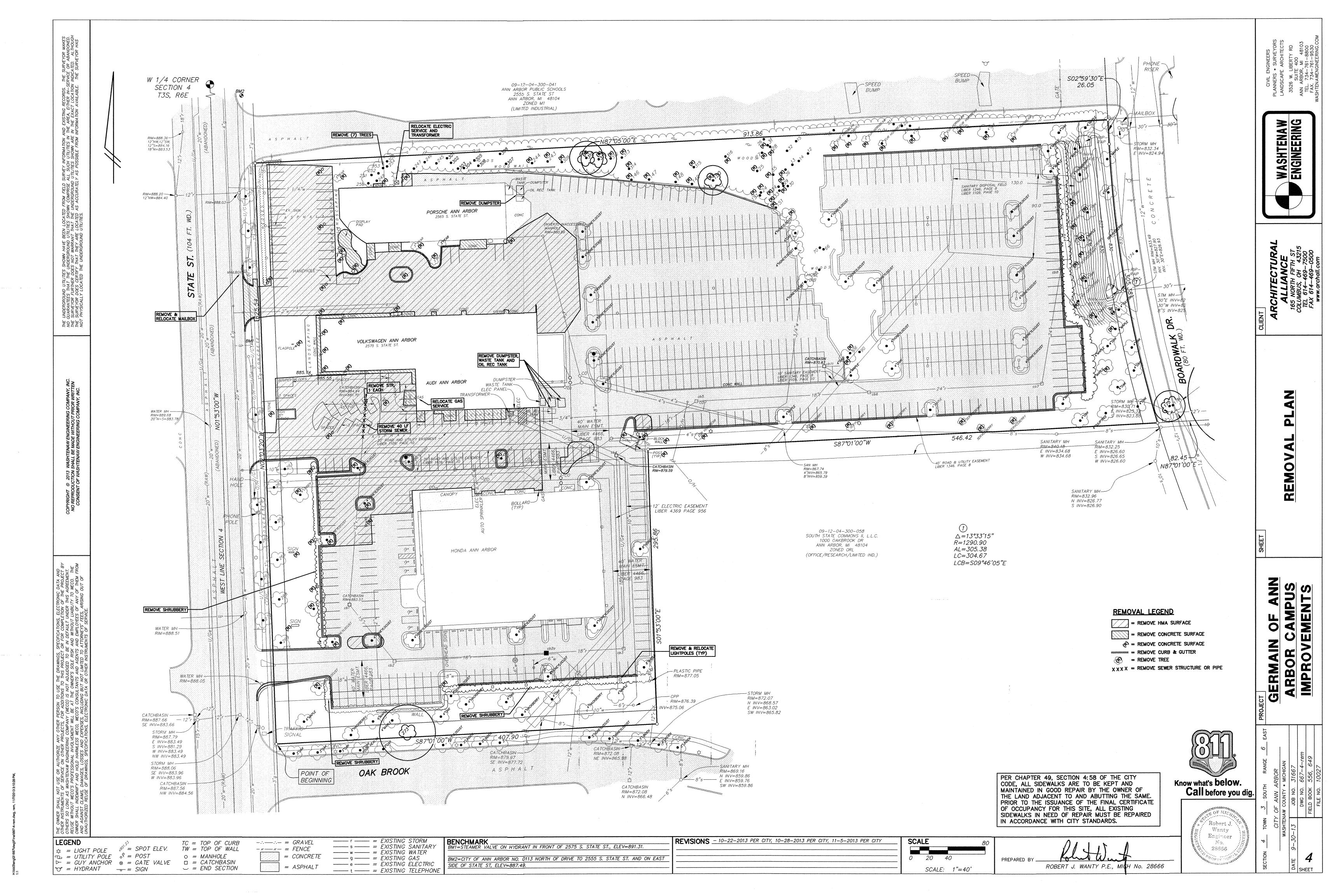
> Know what's below. Call before you dig

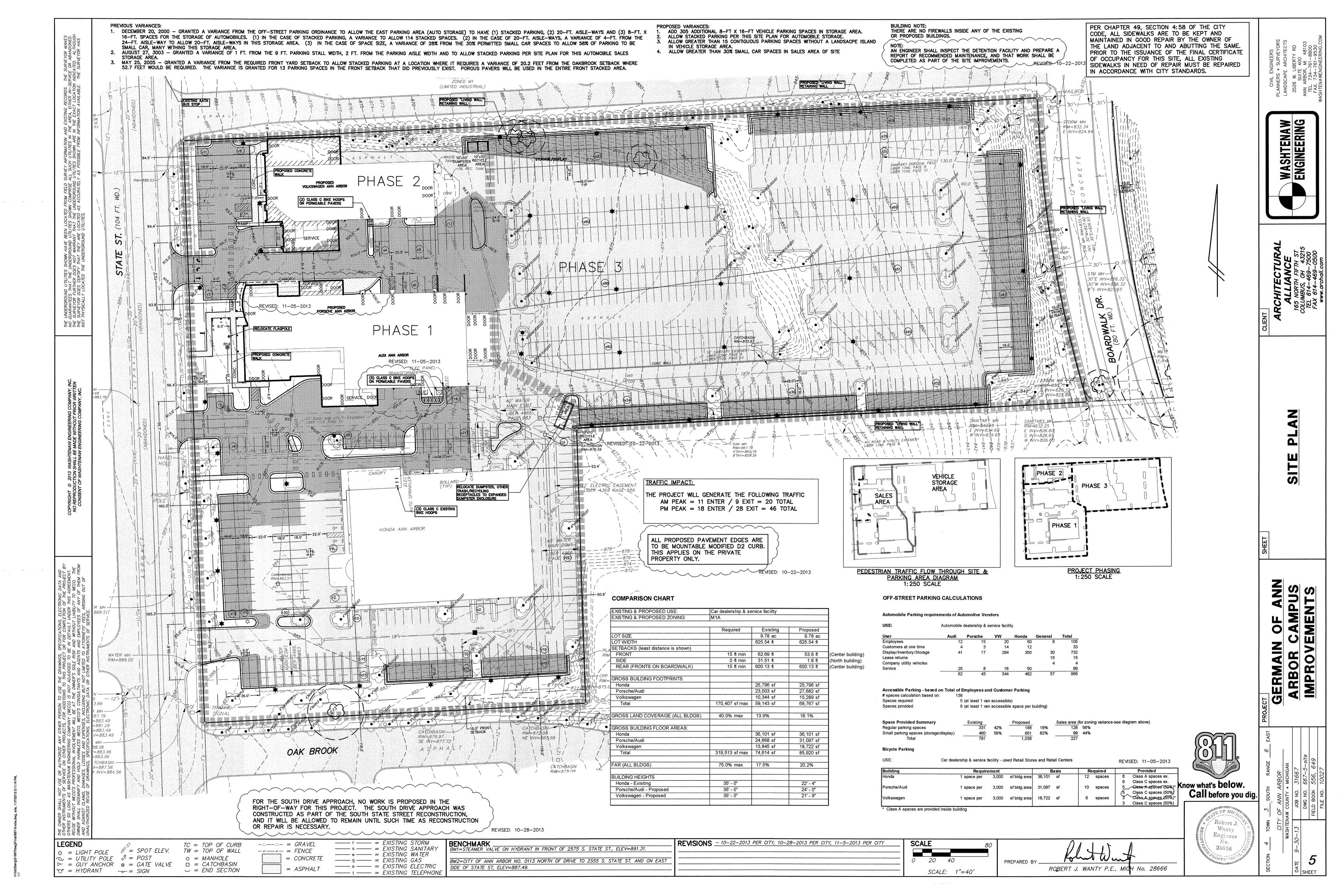


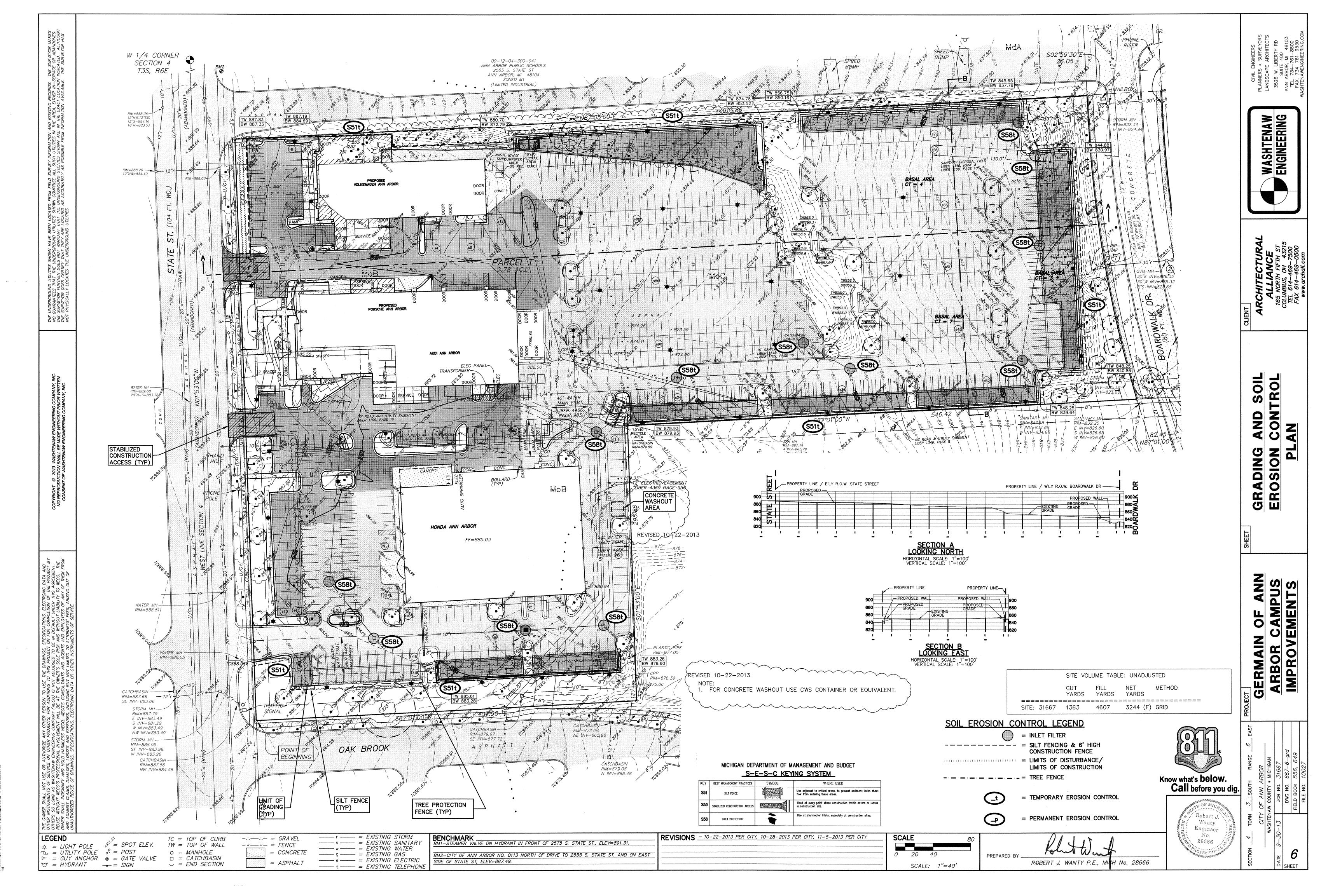
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GERMAIN

REVISIONS - 10-22-2013 PER CITY, 10-28-2013 PER CITY, 11-5-2013 PER CITY BENCHMARK
BM1=STEAMER VALVE ON HYDRANT IN FRONT OF 2575 S. STATE ST., ELEV=891.31. ----r - = EXISTING STORM-: -: = GRAVELTC = TOP OF CURB---- s ---- = EXISTING SANITARY = SPOT ELEV. -"--" = FENCE TW = TOP OF WALL----- w ----- = EXISTING WATER $rac{1}{1}$ = UTILITY POLE $rac{1}{2}$ = POST $\circ = MANHOLE$ | = CONCRETE----- g ----- = EXISTING GASBM2=CITY OF ANN ARBOR NO. 0113 NORTH OF DRIVE TO 2555 S. STATE ST. AND ON EAST $\Box = CATCHBASIN$ $\triangleright = GUY \ ANCHOR \ \otimes = GATE \ VALVE$ ---- e ---- = EXISTING ELECTRIC SIDE OF STATE ST. ELEV=887.49. = ASPHALT --- = SIGN ---- t ---- = EXISTING TELEPHONE







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SOIL EROSION AND SEDIMENTATION CONTROL NOTES GENERAL

- The contractor shall implement and maintain the soil erosion control measures as shown on the plans at all times during construction on this project. Any modifications or additions to the soil erosion control measures due to construction or changed conditions, shall be complied with as required or directed by the Owner, Project Engineer or the City of Ann Arbor.
- All soil erosion and sedimentation control work shall conform to the permit requirements of the City of Ann Arbor and the laws of the State of Michigan.
- A NPDES Construction Activity Permit is required for all sites with soil disturbance greater than 5 acres.
- Daily Inspections shall be made by the Contractor. Periodic inspections may be made by the Owner/Project Engineer/Township to determine the effectiveness of erosion and sedimentation control measures. Any necessary corrections shall be made without delay.
- Erosion and sedimentation from work on the site shall be contained on the site and not be allowed to collect on any off-site areas or in waterways.
- All mud/dirt tracked onto roads from the site due to construction, shall be promptly removed by the Contractor. External streets will be cleaned of any tracked mud immediately following each mud-tracking occurrence.
- Restoration of all disturbed areas, including placement of topsoil, seed, fertilizer and mulch and/or sod shall be done within 15 days of the completion of final grade.
- Construction operations shall be scheduled and performed so that preventive soil erosion control measures are in place prior to excavation in critical areas and temporary stabilization measures are in place immediately following backfilling operations.
- Special precautions will be taken in the use of construction equipment to prevent situations that promote erosion.
- Proper dust control shall be maintained during construction by use of water trucks and/or chloride as required.
- The Contractor shall be responsible for maintaining all temporary soil erosion control measures and removal of some upon authorized completion of project. Completion of project will not be authorized until all site work, home building, road work and utility construction is complete and all soils are stabilized.

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	CONSTRUCTION SE	QUENCE)

CONSTRUCTION SEQUENCI	.			
1. JAN. 17, 2014 – SOI	L EROSION AND	SEDIMENTATION	CONTROL	PRE-GRADING MEETING
PHASE 1		^ ^ ^	^ ^	^ ^ ^ ^ ^

- JAN. 20, 2014 INSTALL SILT FENCE, INLET FILTERS JAN. 22, 2014 - REMOVE PAVEMENT, WALKS, CURB, LIGHTS
- FEB. 3, 2014 PLÁCE STABALIZED CONSTRUCTION ACCESS
- 4. FEB. 4, 2014 GRADE SITE TO BOTTOM OF STONE & EXCAVATE FOR BUILDING FEB. 10, 2014 -∠NSTALL BUILDING FOOTINGS AND START BUILDING CONSTRUCTION
- FEB. 17, 2014 PLACE CURB AND PAVEMENT FEB. 24, 2014 - JASTALL LIGHTS, LANDSCAPING, SEED AND MULCH
- MAR. 3, 2014 REMOVE SEDIMENT FROM STORM WATER MANAGEMENT SYSTEM

9. MAR. 4, 2014 - REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES

PHASE 2 MAR. 5, 2014 - INSTALL SILT FENCE, INLET FILTERS

- MAR. 10, 2014 REMOVE PAVEMENT, WALKS, CURB, LIGHTS
- MAR. 17, 2014 PLACE STABALIZED CONSTRUCTION ACCESS MAR. 18, 2014 - GRADE SITE TO BOTTOM OF STONE & EXCAVATE FOR BUILDING
- MAR. 24, 2014 INSTALL BUILDING FOOTINGS AND START BUILDING CONSTRUCTION
- MAR. 31, 2014 PLACE CURB AND PAVEMENT APR. 6, 2014 - INSTALL LIGHTS, LANDSCAPING, SEED AND MULCH
- APR. 13, 2014 REMOVE SEDIMENT FROM STORM WATER MANAGEMENT SYSTEM 9. APR. 14, 2014 - REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES

PHASE 3

- APR. 15, 2014 INSTALL SILT FENCE, INLET FILTERS
- APR. 16, 2014 REMOVE PAVEMENT, WALKS, CURB, LIGHTS APR. 28, 2014 - GRADE SITE TO BOTTOM OF STONE AND INSTALL LIVING WALL SYSTEM.
- MAY 19, 2014 PLACE CURB AND PAVEMENT
- MAY 26, 2014 INSTALL LIGHTS, LANDSCAPING, SEED AND MULCH JUNE 2, 2014 - REMQVE SEDIMENT FROM STORM WATER MANAGEMENT SYSTEM
- JUNE 3, 2014 REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES

CONSTRUCTION SEQUENCE NOTES:

- HYDRANTS PROVIDING PROTECTION COVERAGE FOR THE BUILDINGS SHALL BE IN SERVICE AND APPROVED BY BOTH ENGINEERING AND FIRE DEPARTMENT BEFORE FIRE DEPARTMENT WILL SUPPORT PERMIT ISSUANCE FOR NEW CONSTRUCTION PHASE AND BEFORE COMBUSTIBLE MATERIAL ARE PLACED ON THE JOB SITE.
- 2. STORAGE AREA FOR CONSTRUCTION MATERIALS SHALL NOT INTERFERE WITH FIRE/EMERGENCY SITE
- 3. IF SITE ACCESS IS TO BE RESTRICTED DURING CONSTRUCTION, A KNOX BOX LOCK FOR THE GATE IS TO BE PROVIDED. ANY OTHER MEANS MUST BE APPROVED BY THE FIRE MARSHALL.

REVISED 10-22-2014

CLIENT	Architectural Alliance			EN	IGINEER'S	OPINION
OCATION	City of Ann Arbor			OF	PROBABL	E COSTS
OR	Germain Ann Arbor		DATE: 9-27-2013			
				JOB # 31	667	
				Prepare	d By: Seth (Garner
		ESTIMA	TED	UNIT	UNIT	

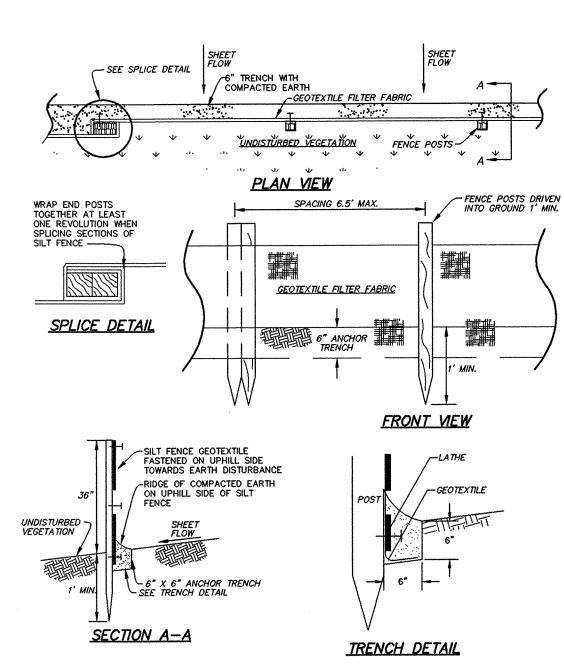
ITEM No.	ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	AMOUNT
	Soil Erosion Controls				
1	Inlet Filters	12	EA	\$82.88	\$994.56
2	Silt Fence	2214	LF	\$1.40	\$3,099.60
3	Stabalized Construction Access	2	LS	\$585.00	\$1,170.00
4	Dust Emission Control (Sweeping)	2	LS	\$2,000.00	\$4,000.00
5	Earth Fill	3244	CY		
				Total Cost	\$9,264.16
	Protection of all exposed soil surfaces from erosion sh	ould work discont	inue		
1	Restoration - includes topsoil distribution, mulch & seed	125873	SF	\$0.27	\$33,985.71
				Total Cost	\$33,985.71
	Phase 1	73560	SF		\$19,861.20

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Tasks		Collection	Systen	n	St	orm Water Man	agement E	Basin	Scheduled
		,		·				.	Frequency
	Storm	Catch		Ditches	1	Sedimentation	•	Emergency	
	Sewer	Basin	Basin	&	Structure	Basin	Detention	Overflow	
	System		Inlets	Swales			Area		
Inspect for Sediment Accumulation	Х	Х		X	Х	T X	Х		Weekly
Removal of Sediment Accumulation	х	Х		X	х	X	х		As Needed ^[1] &
	_ ^	^		^	^	^	^		prior to Acceptance
Inspect for floatables and debris			Х	X	Х	X	X		Weekly
Removal of floatables and debris			Х	х	х	X	х		As Needed & prior
			^	^	_ ^	^	^		to Acceptance
Inspect for erosion				X	Х	Х	X		Weekly
Re-establish permanent vegetation				Х		×	Х		As Needed & prior
on eroded slopes				^		^	^		to Acceptance
Replacement of stone					Х				As Needed & prior
					^				to Acceptance
Inspect during wet weather & after major storms	х	х	Х	х	х	Х	Х	х	As Needed
Repair Storm Damage to System and Erosion Control	х	Х	Х	х	х	х	х	х	As Needed
The Contractor will be responsible for [1] As Needed means when sedimen									

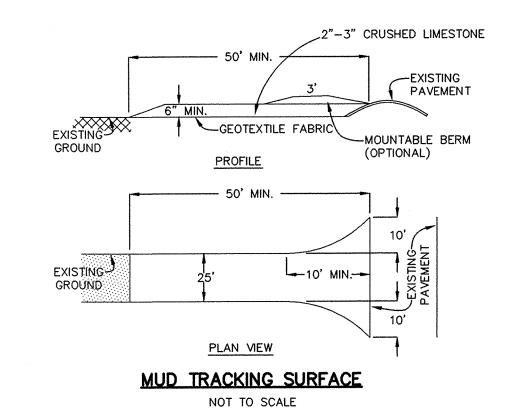
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Tasks	Collec	tion Sys	tem		St	torm Water Man	agement B	asin	Scheduled
		,							Frequency
	Storm	1	1	Ditches	Outlet	Sedimentation	Storm	Emergency	
	Sewer	Basin	Basin	&	Structure	Basin	Detention	Overflow	
	System		Inlets				Area		
nspect for Sediment Accumulation	Х	Х		X	Х	X	Х		Annually
Removal of Sediment Accumulation	х	х		x	x	x	х		As Needed ^[1]
nspect for floatables and debris			Х	Х	Х	X	X		Annually
Removal of floatables and debris		***************************************	Х	Х	Х	X	Х		As Needed ^[1]
nspect for erosion	İ			Х	Х	Х	Х		Annually
Re-establish permanent vegetation				Х		X	Х		As Needed
on eroded slopes				^		^	^		As Needed
Replacement of stone					х				Every 3-5 years Needed
Nowing				Х		X	Х		0-2 Times per y
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ecords after major storms by a	X	Х	Х	Х	X	X	Х	X	and As Neede
Professional Engineer	•								and As Neede
Repair Storm Damage to System	х	Х	Х	Х	Х	х	Х	Х	As Needed
ind Permanent Erosion Control									7.0 110000
Geep records on site of all									
naintenance inspections, actions									Annually
and costs									
CAR GER MI ANN ARB L.L.C. will b									

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	WASHTENAW COUNTY, MI	ransistanse 🗷 injunya gi na kusus pilat fargar washqa mansus di masar farewa neumah marih madipensa yasardame 🕏 kandi na
ltem No.	Description	Annual Cost
1	Annual Inspection for sediment accumulation	\$90.0
2	Removal of sediment accumulation every 2 years as needed	\$2,200.0
3	Inspect for floatable & debris annually and after major storms	\$120.0
4	Removal of floatables and debris annually and after major storms	\$250.0
5	Inspect for erosion	\$120.0
6	Re-establish permanent vegetation on eroded slopes	\$200.0
7	Replacement of stone	\$250.00
8	Mowing	\$400.00
9	Wet Weather Inspections and Report by Professional Engineer	\$180.00
10	Records Maintenance	\$90.00
************	Estimated Annual Maintenance Cost	\$3,900.0

MAINTENANCE PLAN BUDGET

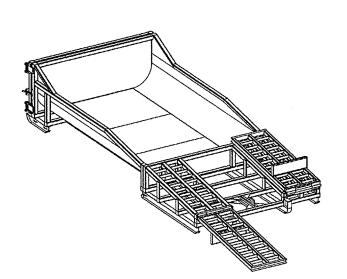


36" SILT FENCE DETAIL NOT TO SCALE



REVISED 10-22-2013

PORTABLE CONCRETE WASHOUT CONTAINER



CONCRETE WASHOUT SYSTEMS PO Box 2604 Carmichael, CA. 95609 Phone: 1.877.292.7468 Fax: 1.916.244.0403 info@concretewashout.com Patent Pending

A portable, self-contained and watertight container affixed with ramps that controls, captures and contains caustic concrete wastewater and washout material.

PURPOSE & OBJECTIVE Allows trade personnel to easily washout concrete trucks, pumps and other equipment associated with cement on site and allows easy off site recycling of the same concrete materials and wastewater.

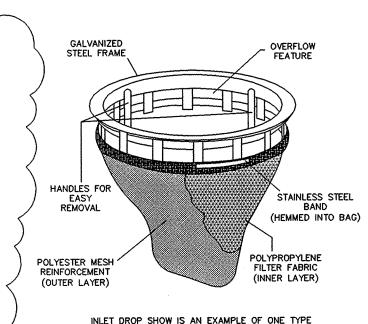
APPLICATION Construction projects where concrete, stucco, mortar, grout and cement are used as a construction material or where cementitious wastewater is created.

MAINTENANCE Inspect and clean out when 3/4 full, not allowing the container to overflow. Inspect wastewater level and request a vacuum if needed. Inspect subcontractors to ensure that proper housekeeping measures are employed when washing out

SPECIFICATIONS The container must be portable and temporary, watertight, equipped with ramps and have a holding capacity to accept washout from approximately 350 yards of poured concrete. A vacuum service must accompany washout container and be used by site superintendent as needed. A rampless container may be used in conjunction with a ramped container or by itself if a concrete pump is not needed. The washwater must be disposed of or treated and recycled in an evironmentally safe maanner and in accordance with federal, state or local regulatory guidelines.

TARGETED POLLUTANTS Caustic wastewater (high pH level near 12 units)

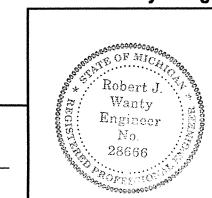
Assorted Metals; Chromium VI, Nickel, Sulfate, Potassium, Magnesium and Calcium Compounds



INLET DROP SHOW IS AN EXAMPLE OF ONE TYPE AVAILABLE. DETAIL IS THE "CATCHALL" PROVIDED BY PRICE AND COMPANY, INC. INLET PROTECTION FABRIC DROP DETAIL (S58T) (NOT TO SCALE)



Know what's **below**. Call before you dig.



 \Rightarrow = LIGHT POLE $| c_{D} = UTILITY POLE \quad ^{Q} = POST$ \triangleright = GUY ANCHOR \otimes = GATE VALVE ₩ = HYDRANT - = SIGN

TC = TOP OF CURB $g^{O^{N}} = SPOT ELEV.$ TW = TOP OF WALL $\circ = MANHOLE$ $\Box = CATCHBASIN$

Phase 2

----r ----= EXISTING STORM-: = GRAVEL ----s ---- = EXISTING SANITARY -"-"-"-"= FENCE = CONCRETE ----g ----= EXISTING GAS= ASPHAL7 ---- t ---- = EXISTING TELEPHONE

15450

36863

-----w ----- = EXISTING WATER ---- e ---- = EXISTING ELECTRIC

\$4,171.50

\$9,953.01

BM1=STEAMER VALVE ON HYDRANT IN FRONT OF 2575 S. STATE ST., ELEV=891.31. BM2=CITY OF ANN ARBOR NO. 0113 NORTH OF DRIVE TO 2555 S. STATE ST. AND ON EAST SIDE OF STATE ST, ELEV=887.49.

REVISIONS - 10-22-2013 PER CITY, 10-28-2013 PER CITY, 11-5-2013 PER CITY

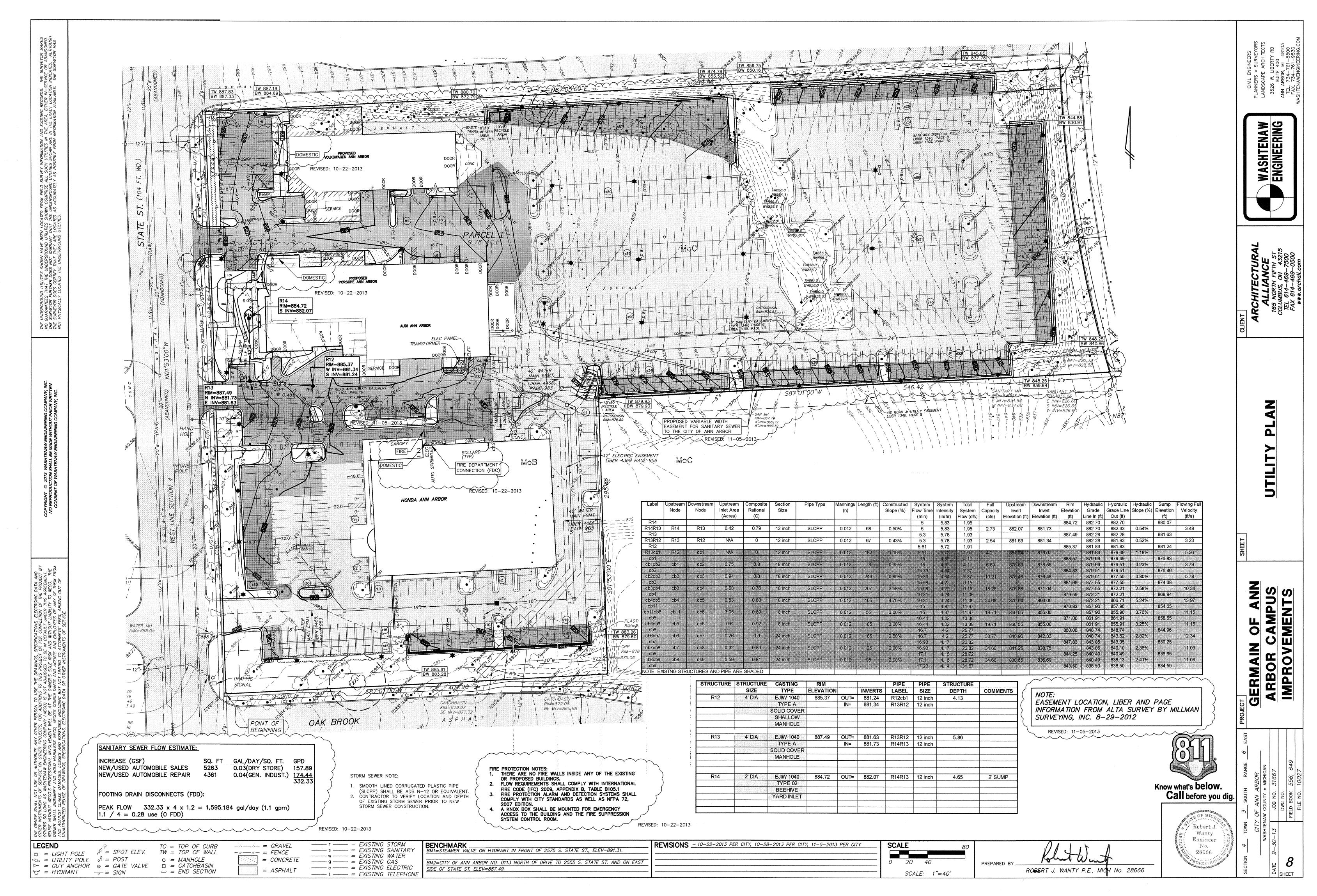
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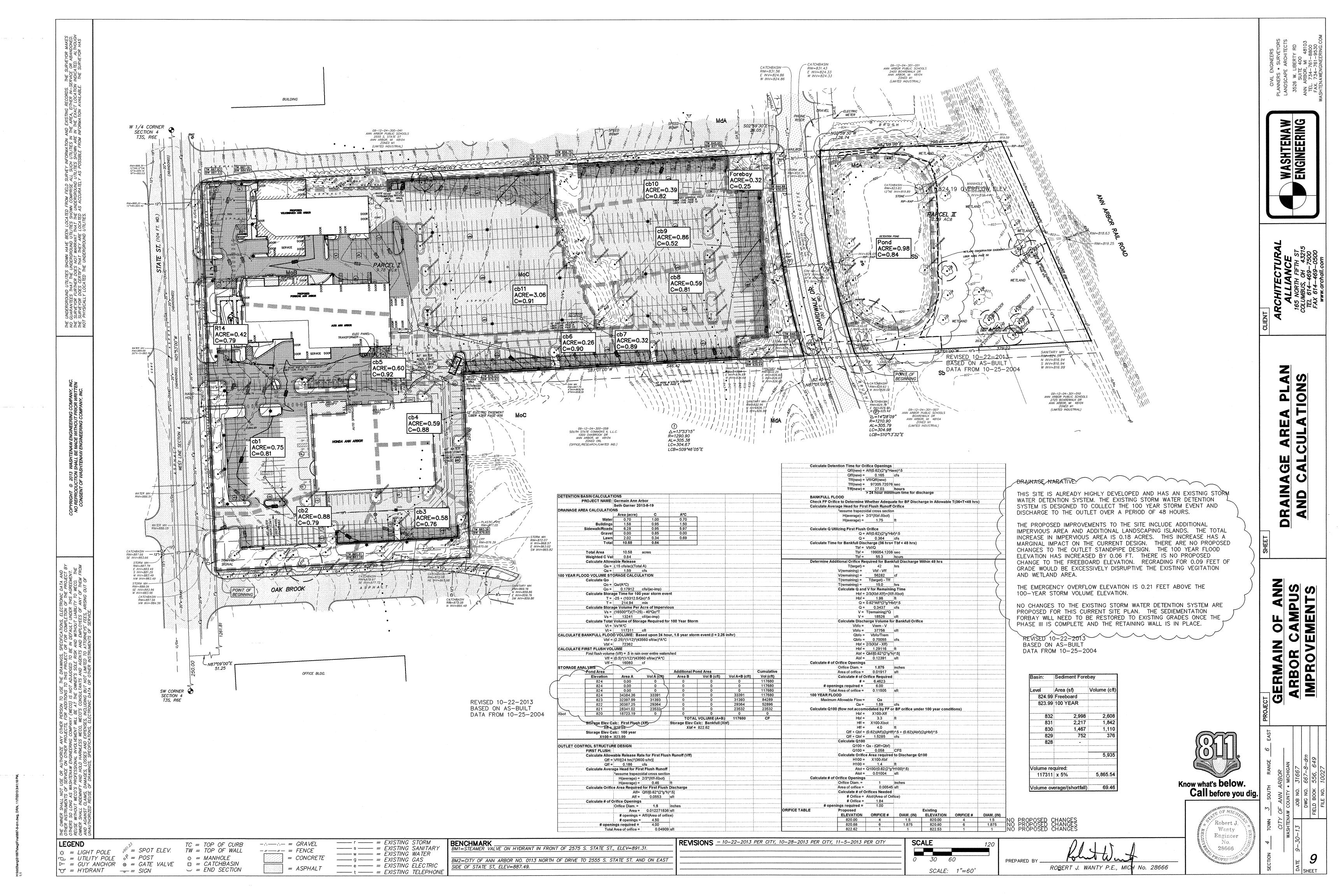
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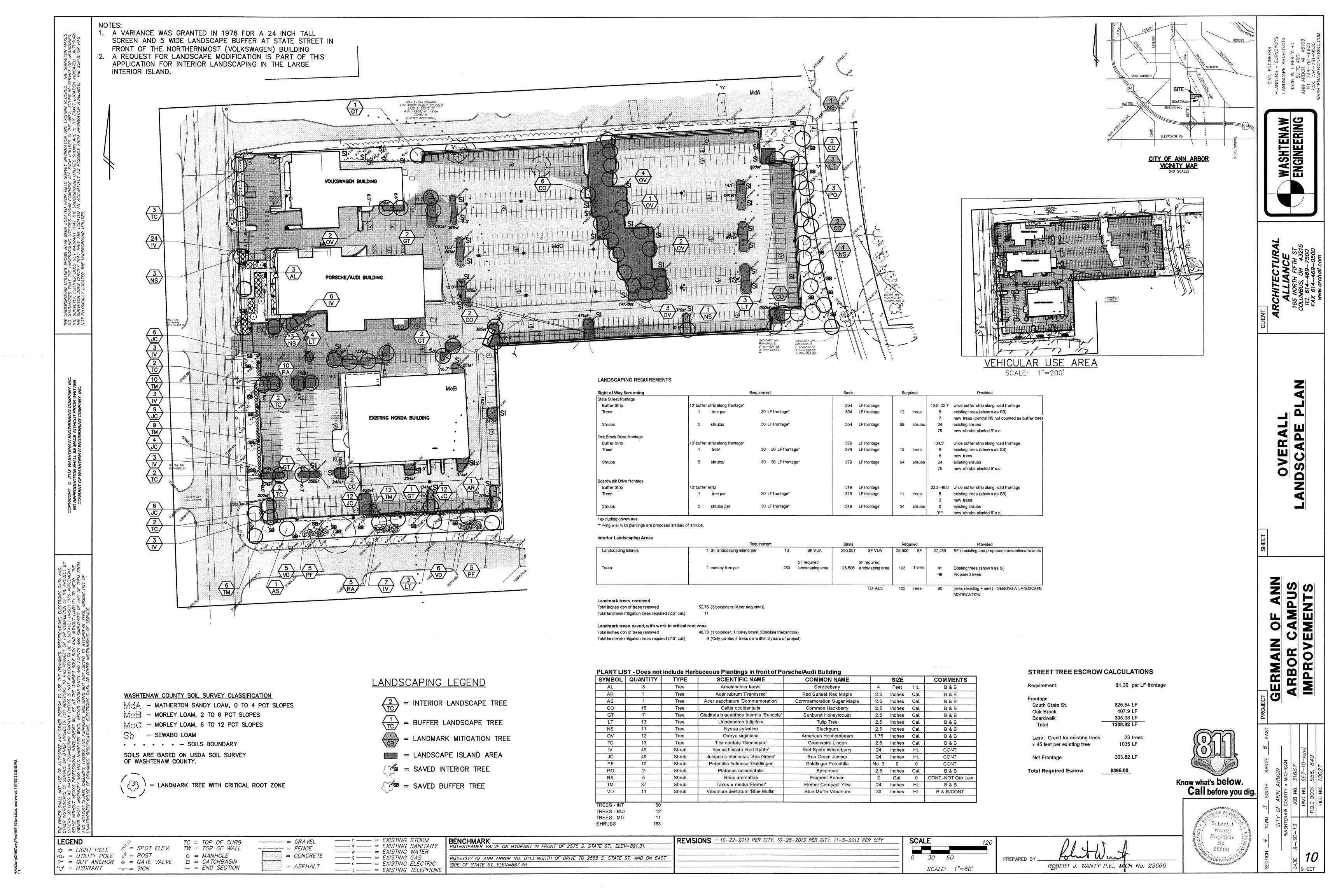
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SOIL







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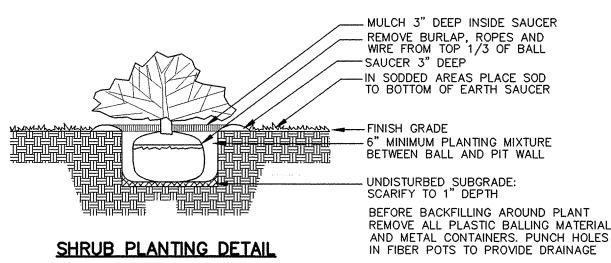
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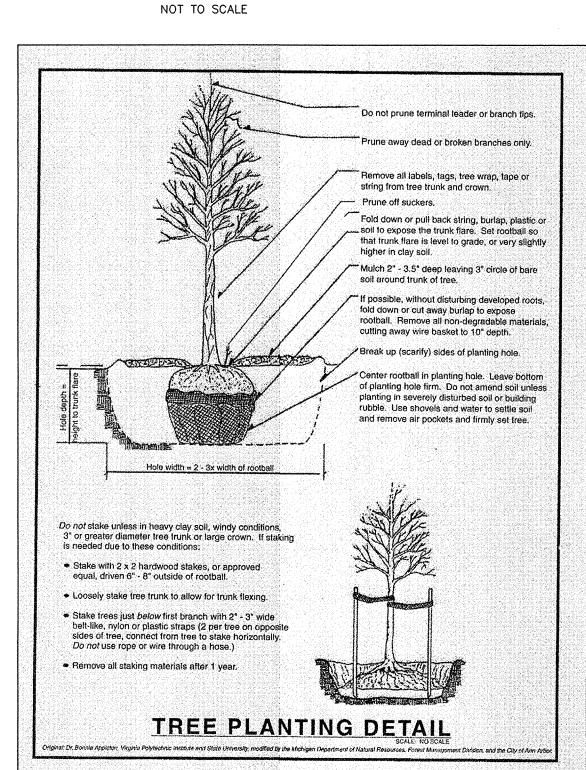
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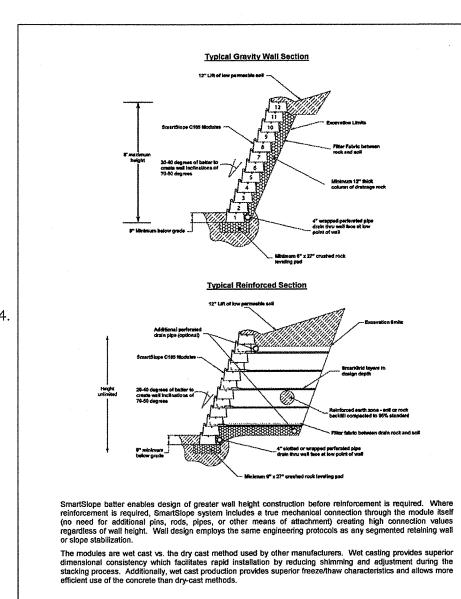
- ALL PLANT MATERIAL SHALL BE BALLED AND BURLAPPED STOCK OR CONTAINER STOCK. NO BARE ROOT STOCK IS PERMITTED. ALL PLANT BALLS SHALL BE FIRM, INTACT AND SECURELY WRAPPED AND BOUND.
- 3. ALL PLANT BEDS SHALL BE EXCAVATED OF ALL BUILDING MATERIALS AND OTHER EXTRANEOUS OBJECTS AND POOR SOILS TO A MINIMUM DEPTH OF TWELVE INCHES (12") AND ALL BACKFILLED TO GRADE WITH PLANTING MIX (SEE BELOW).
- 4. PLANTING MIXTURE SHALL CONFORM TO 2012 M.D.O.T. SPECIFICATION 815.02
- ALL PLANT BEDS AND INDIVIDUAL PLANTS SHALL BE MULCHED WITH A THREE INCH (3") LAYER OF SHREDDED BARK MULCH, MULCH SHALL CONFORM TO 2012 M.D.O.T. SPECIFICATION 917.14.
- ALL PLANTS AND PLANT BEDS SHALL BE THOROUGHLY WATERED AS DESCRIBED IN SECTION 815.03 (M.D.O.T. 2012 STANDARD SPECIFICATION.)
- THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE THE WORK IS ACCEPTED, IN WRITING, BY THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL REPLACE, WITHOUT COST TO THE OWNER, WITHIN A SPECIFIED PERIOD TIME, ALL DEAD PLANTS, AND ALL PLANTS NOT IN A VIGOROUS, THRIVING CONDITION, AS DETERMINED BY THE LANDSCAPE ARCHITECT DURING AND AT THE END OF THE GUARANTEE PERIOD. REPLACEMENT STOCK SHALL CONFORM TO THE ORIGINAL REQUIREMENTS.
- EDGING, WHERE NOTED ON THE PLANS, SHALL BE RYERSON STEEL EDGING, 3/16" x 4". INSTALL PER MANUFACTURER'S INSTRUCTIONS. ALL EDGING SHALL BE INSTALLED IN STRAIGHT. STRAIGHT, TRUE LINES WITHOUT IRREGULARITIES.
- ALL AREAS OF THE SITE THAT BECOME DISTURBED DURING CONSTRUCTION AND ARE NOT TO BE PAVED, STONED, LANDSCAPED, OR SODDED SHALL BE SEEDED AND MULCHED.
 - A. SEED MIXTURE SHALL BE THM MIX PLANTED ACCORDING TO 2012 M.D.O.T. SPECIFICATION 816 AND 816-1A INCLUDING PLACEMENT OF 4 INCH TOPSOIL BED.
 - B. SOD, WHERE SPECIFIED, SHALL BE CLASS B PLANTED PER 2012 M.D.O.T. SPECIFICATION 816.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A DENSE LAWN OF PERMANENT GRASSES, FREE OF LUMPS AND DEPRESSIONS. ANY PART OF THE AREA THAT FAILS TO SHOW A UNIFORM GERMINATION SHALL BE RESEEDED AND SUCH RESEEDING SHALL CONTINUE UNTIL A DENSE LAWN IS ESTABLISHED. DAMAGE TO SEEDED AREAS RESULTING FROM EROSION SHALL BE REPAIRED BY THE CONTRACTOR.

- ALL AREAS OF THE SITE SCHEDULED FOR SEEDING OR SODDING SHALL FIRST RECEIVE A FOUR INCH (4") LAYER OF CLEAN, FRIABLE TOPSOIL. THIS SOIL SHALL BE DISCED AND SHALL BE GRADED IN CONFORMANCE WITH THE GRADING PLAN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE UTILITIES, BOTH ABOVE AND UNDERGROUND PRIOR TO LANDSCAPING. ANY CONFLICTS BETWEEN UTILITIES AND PLANT MATERIAL SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT.



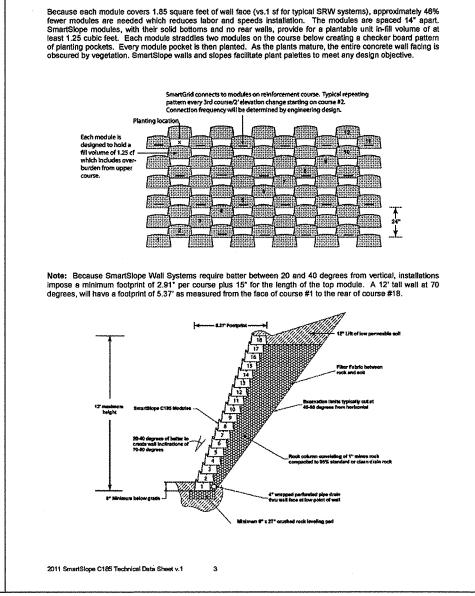


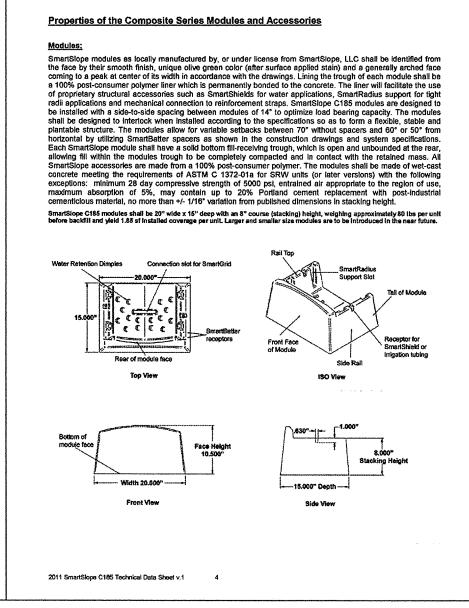


1 1/2" MDOT No. 1100L-20AA-1 1/2" MDOT No. 1100T-20AA

2011 SmartSlope C185 Technical Data Sheet v.1

RIM GRADE





PLANT TYPE

Perennial

Sedge

Sedge

Sedge

Perennial

Grass

Vine

Perennial

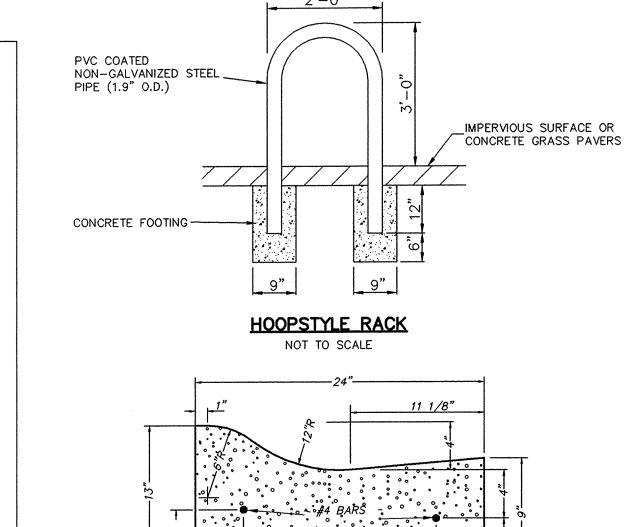
Vine

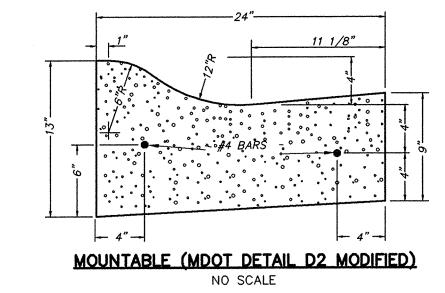
Perennial

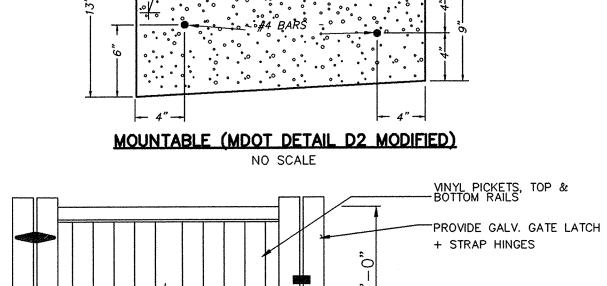
Perennial

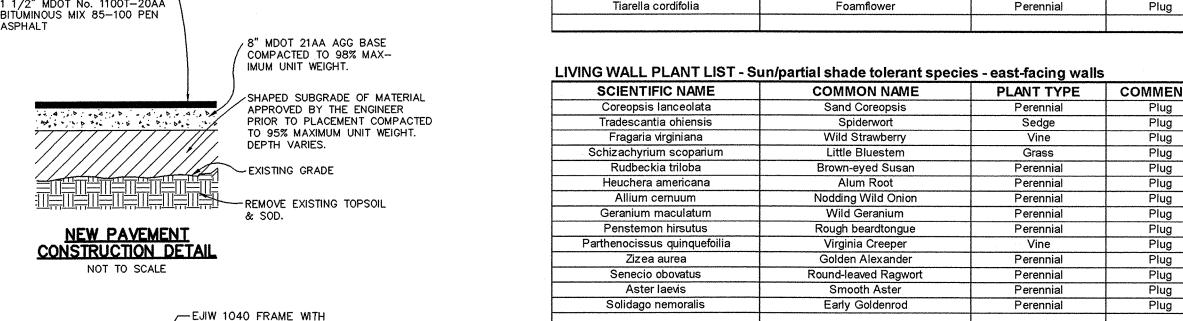
COMMENTS

Plug









SCIENTIFIC NAME

Aster cordifolia

Carex pensylvanica

Carex rosea

Carex sprengelii

Desmodium glutinosum

Elymus hystrix

Euonymus obovata

Geranium maculatum

Heuchera americana

Parthenocissus quinquefoilia

Solidago caesia

Tiarella cordifolia

SCIENTIFIC NAME	n/partial shade tolerant spec COMMON NAME	PLANT TYPE	COMMENTS
Coreopsis lanceolata	Sand Coreopsis	Perennial	Plug
Tradescantia ohiensis	Spiderwort	Sedge	Plug
Fragaria virginiana	Wild Strawberry	Vine	Plug
Schizachyrium scoparium	Little Bluestem	Grass	Plug
Rudbeckia triloba	Brown-eyed Susan	Perennial	Plug
Heuchera americana	Alum Root	Perennial	Plug
Allium cemuum	Nodding Wild Onion	Perennial	Plug
Geranium maculatum	Wild Geranium	Perennial	Plug
Penstemon hirsutus	Rough beardtongue	Perennial	Plug
arthenocissus quinquefoilia	Virginia Creeper	Vine	Plug
Zizea aurea	Golden Alexander	Perennial	Plug
Senecio obovatus	Round-leaved Ragwort	Perennial	Plug
Aster laevis	Smooth Aster	Perennial	Plug
Solidago nemoralis	Early Goldenrod	Perennial	Plug

LIVING WALL PLANT LIST - Shade tolerant species - north-facing walls

COMMON NAME

Heart-leaved Aster

Pennsylvania Sedge

Rosy Sedge

Sprengel's Sedge

Woodland Tick Trefoil

Bottlebrush Grass

Creeping Strawberry-bush

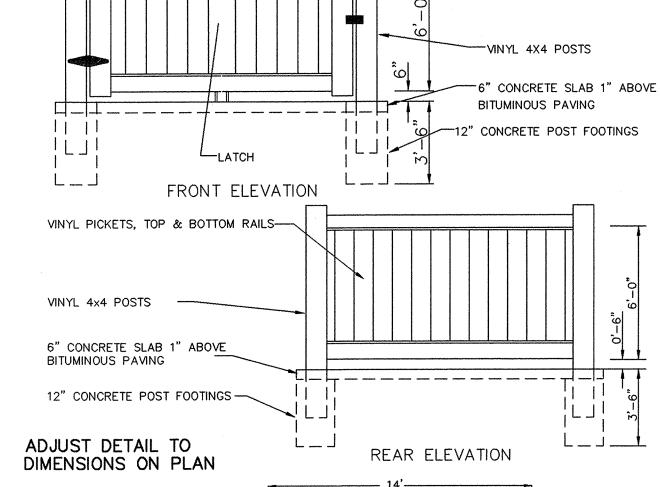
Wild Geranium

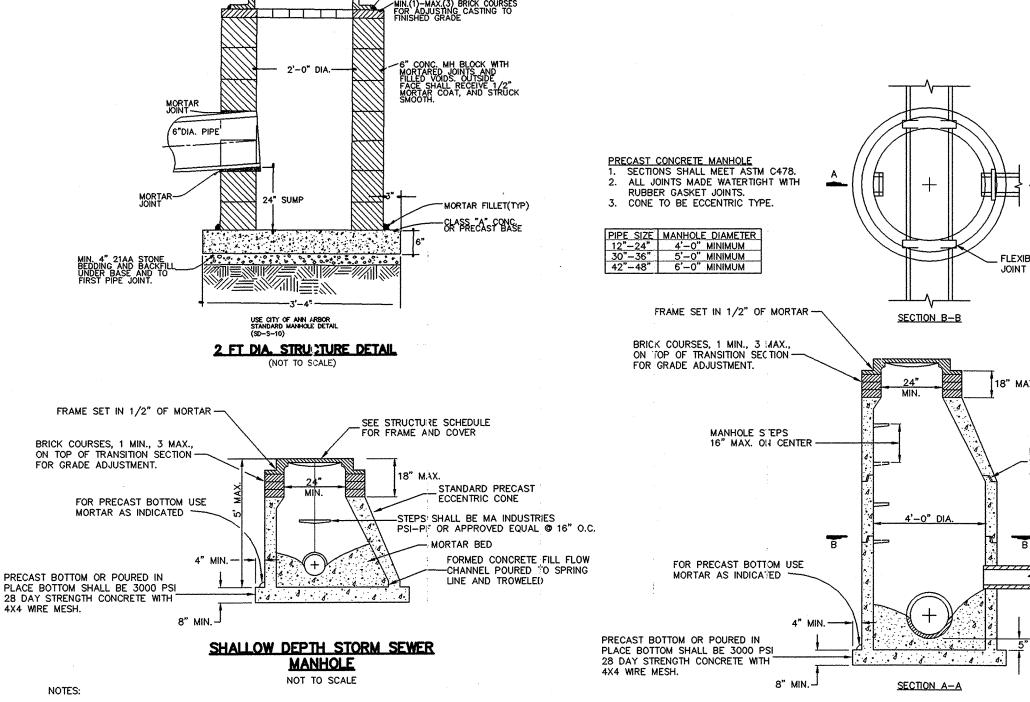
Alum Root

Virginia Creeper

Bluestem Goldenrod

Foamflower



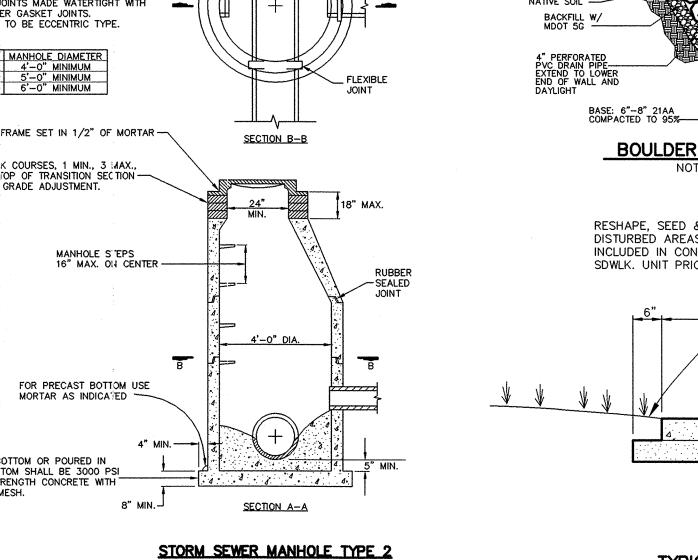


LIVING WALL DETAILS

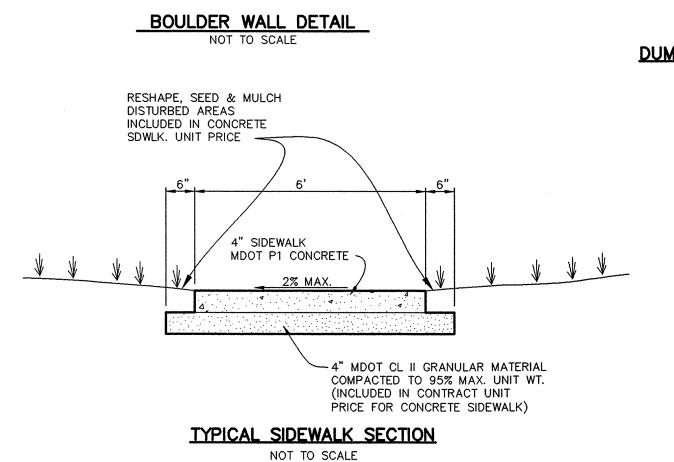
NO SCALE

TYPE 02 BEEHIVE COVER

MORTAR BED AND FILLET(TYP)

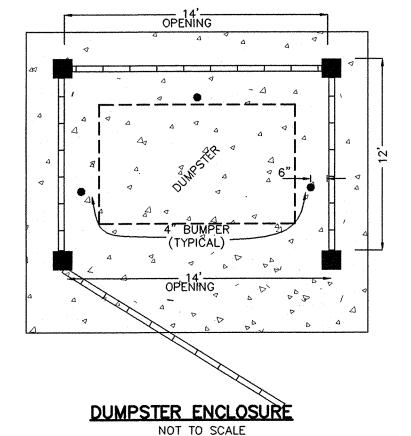


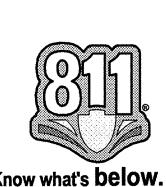
NOT TO SCALE



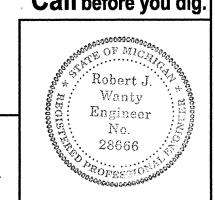
NOTE: WALLS TALLER

DESIGNED BY STRUCTURAL





Know what's below.



208942			
GEND	, 1 ⁵	TC = TOP OF CURB	-:.—: = GRAVEL
= LIGHT POLE	$\mathfrak{S}^{0,0} = SPOT ELEV.$	TW = TOP OF WALL	-"" = FENCE
= UTILITY POLE	$\circ^{\circ} = POST$	\circ = MANHOLE	= CONCRETE
= GUY ANCHOR	$\otimes = GATE VALVE$	$\Box = CATCHBASIN$	= ASPHALT
= HYDRANT	- = SIGN	\smile = END SECTION	- ASITIALI

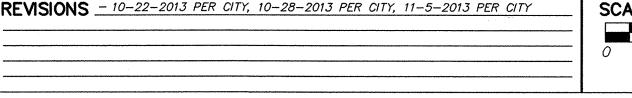
	s w g e	=======================================	EXISTING EXISTING EXISTING	SANITARY WATER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	 	 	EXISTING	TELEFITONE	L

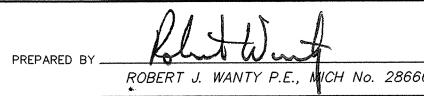
BENCHMARK
BM1=STEAMER VALVE ON HYDRANT IN FRONT OF 2575 S. STATE ST., ELEV=891.31.
BM2=CITY OF ANN ARBOR NO. 0113 NORTH OF DRIVE TO 2555 S. STATE ST. AND ON EAS
SIDE OF STATE ST, ELEV=887.49.

1. WITH THE PERMISSION OF THE ENGINEER SHALLOW DEPTH MANHOLES MAY BE USING 6 INCH CEMENT BLOCK OR CEMENT BLOCK WITH 1'-4" PRECAST CONE. INSIDE

2. ALL INLET STRUCTURE BOTTOMS MUST BE PRECAST OR POURED IN PLACE CONCRETE

AND OUTSIDE OF CEMENT BLOCK MUST BE COATED WITH 1/2 INCH CEMENT MORTAR.





Call before you dig

WASHTENAW ENGINEERING

0

GERM,

ND SHALL BE 3000 PSI W/4x4 WRE MESH.

SCALE: 1"=60'

ROBERT J. WANTY P.E., MICH No. 28666

New - South Elevation

SCALE 3/32" = 1'-0"

ANN ARBOR - AUDI PORSCHE 2575 S. STATE ST, ANN ARBOR, MI

Si

Renier ConstruConstruction (614) 866-4500 — (614) 866-450

Project Number

A13-030

A13-030

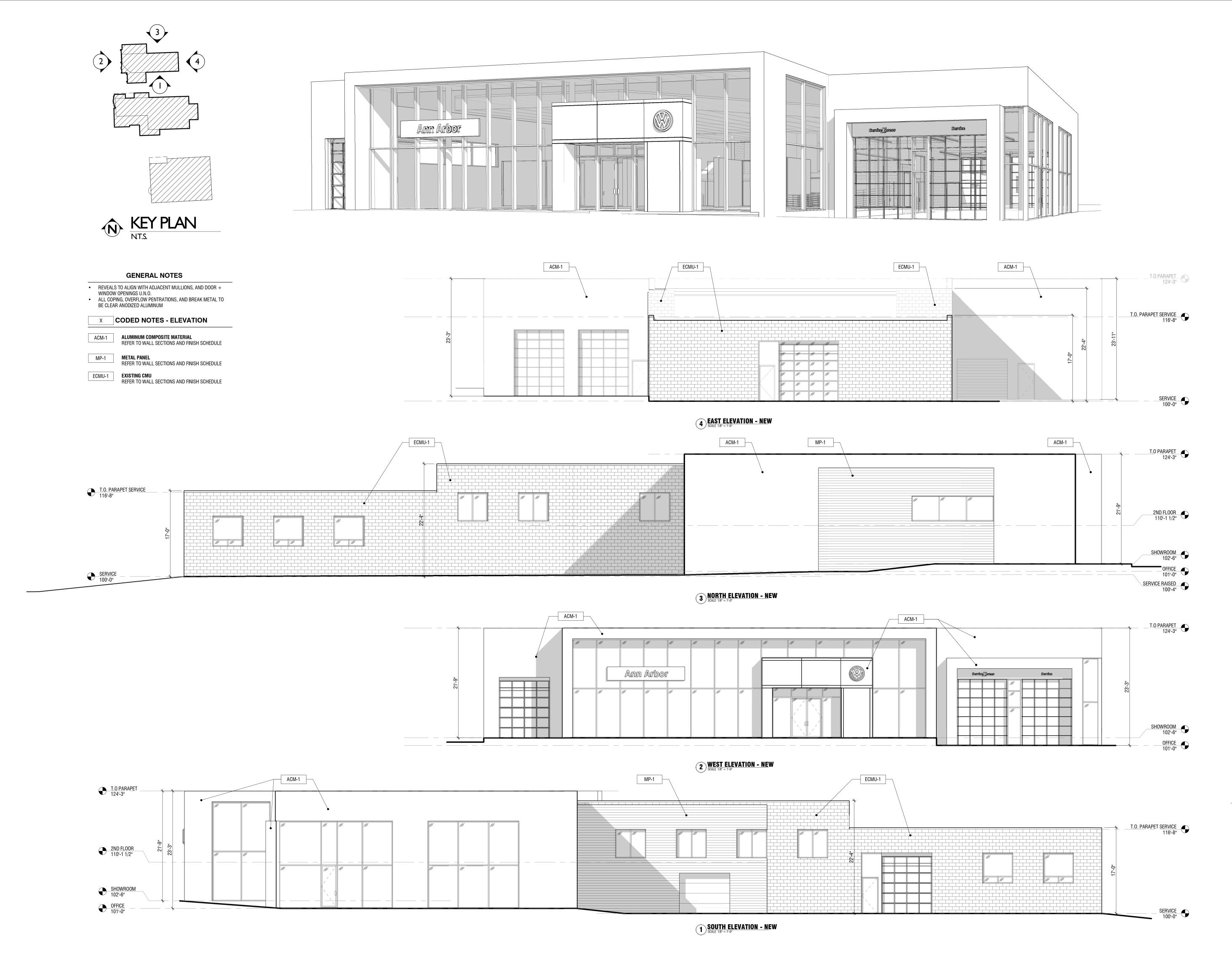
Sheet Title

ELEVATIONS NEW AUDI PORSCHE

AUDI PORSCHE

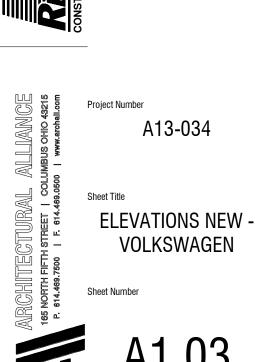
Sheet Number

A1.02



VOLKSWAGEN OF ANN ARBOR, MI
2575 S. STATE ST, ANN ARBOR, MI

CONSTRUCTION
CONST





< 1 >

City of Ann Arbor

PLANNING & DEVELOPMENT SERVICES — PLANNING DIVISION

301 East Huron Street | P.O. Box 8647 | Ann Arbor, Michigan 48107-8647 p. 734.794.6265 | f. 734.994.8312 | planning@a2gov.org

APPLICATION FOR MODIFICATIONS FROM CHAPTER 62 (LANDSCAPE AND SCREENING)

See www.a2gov.org/planning for submittal requirements.

TO: Ann Arbor City Planning Commission

We, the undersigned, respectfully petition the City Planning Commission or City Council to approve these modifications from the landscape and/or screening requirements of Sections 5:602, 5:603, 5:604 or 5:606 of Chapter 62, as they relate to the property hereinafter described.

A. Project Information
(Give name of site plan project and tax code number of property)
GERMAIN MOTORS
09-12-04-300-056
B. Petitioner Information
The petitioner(s) requesting the modifications are: (List petitioners' name; address; telephone number; and interest in the land; i.e., owner, land contract, option to purchase, etc.)
WASHTENAW ENGINEERING COMPANY
3526 W. LIBERTY RD, SUITE 400, ANN ARBOR, MI 48103
734-761-8800
AGENT FOR OWNER
Also interested in the petition are: (List others with legal or equitable interest)
CAR GER MI ANN ARBOR LLC

10/12/10

C.	Mod	lification	Request

The petitioner requests approval to modify the above landscape and/or screening requirements in the following ways (if necessary, attach additional page):
Section <u>5:602</u> , Paragraph <u>2d</u>
TOTAL OF 95 INTERIOR UVA TREES VERSUS 103 REQUIRED
Section 5:602, Paragraph 2g
NO LANDSCAPE ISLANDS ARE DEPRESSED
D. Standards for Approval
Flexibility in the application of the landscape and screening regulations may be allowed if certain standards are met. The modifications must be consistent with the intent of Chapter 62; be included on a site plan and in a motion approved by the City Planning Commission or City Council; and be associated with specific site conditions as listed in Section 5:608(2)(c).
1. What are the specific site conditions that necessitate this request and how do they warrant the modifications of Chapter 62 requirements? (See Section 5:608(2)(c)) List relevant subsection and explain how and to what extent the modifications are justified.
• INTERIOR ISLAND STEEP SLOPES AND SOILS MAKE PLANTING ADDITIONAL TREES
IN LARGE INTERIOR ISLAND IMPRACTICAL. INTERIOR TREE COUNT WILL BE SHORT BY
 MOST OF THE ISLANDS ARE EXISTING ISLANDS WITH ESTABLISHED, HEALTHY TREES.
EXISTING UTILITY LINES PASS UNDER MANY OF THE PROPOSED NEW ISLANDS, MAKING
GRADING OF A DEPRESSED ISLAND DIFFICULT. OTHERS HAVE TOO MUCH SLOPE TO
PROVIDE ANY SIGNIFICANT WATER STORAGE.
2. How does the proposal meet the spirit and intent of Chapter 62? (See Section 5:600)
• INTERIOR ISLAND IS CURRENTLY VEGETATED BY VOLUNTEER TREES WHICH ARE NOT
OVER 6" DBH BUT ARE GROWING ON POOR SOILS. VISUAL APPEARANCE OF ISLAND IS FULL COVERAGE SO REMOVING THEM IN ORDER TO PLANT 9 ADDITIONAL TREES WOULD
BE COUNTER PRODUCTIVE.

• THE SITE'S STORM WATER DETENTION SYSTEM IS SIZED APPROPRIATELY FOR THE SITES EXISTING AND PROPOSED SURFACES WITHOUT ANY CHANGES.

• ALL ISLANDS WILL BE ATTRACTIVELY LANDSCAPED AND PROVIDE A CONSISTANT, ATTRACTIVE LOOK FOR THE CAMPUS.

The undersigned states he/she is interested in the property as aforesaid and that the foregoing statements are true and correct to the best of his/her knowledge and belief.

Dated: 9/30/13	20 + 11 +
Signat	ature:
	ROBERT WANTY
	WASHTENAW ENGINEERING CO.
	3526 W. LIBERTY RD, SUITE 400
	(Print name and address of petitioner)
	ANN ARBOR, MI 48103
STATE OF MICHIGAN)) ss:	
COUNTY OF WASHTENAW)	
,	
being duly sworn, say that they have read the fo	$\frac{1}{3}$ before me personally appeared the above named petitioner(s), who foregoing petition and by them signed, and know the contents thereoexcept as to the matter therein stated to be upon their information are betrue.
Signat	ature:
	DEBORAH L MOORE
	(Print name of Notary Public)
	7/20/201/
	My Commission Expires: 7/22/2014
	ACTING IN THE COUNTY OF MACHTENAM

