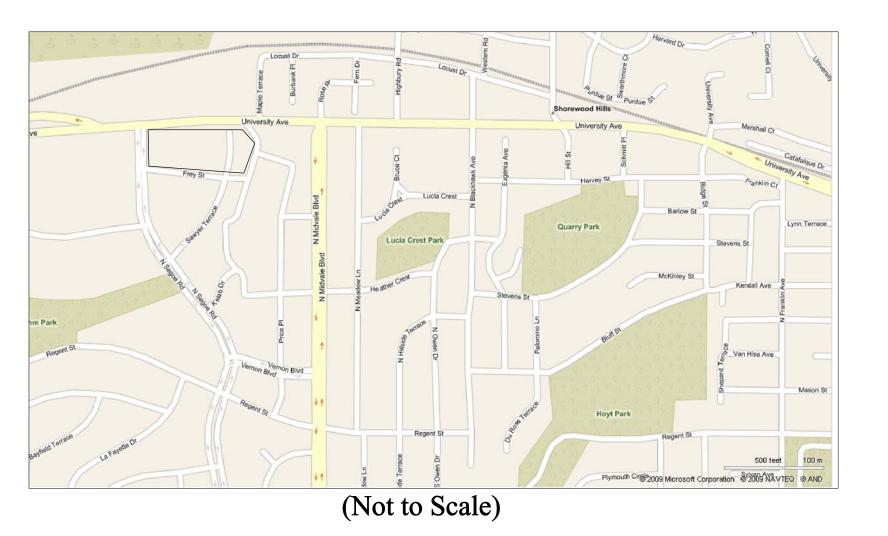
Preliminary Plans

PUD, GDP, SIP Amendment

Target Madison-Hilldale Madison, Wisconsin

Vicinity Map



SHEET INDEX

C001	GDP-PUD-SIP Amendment
C002	SIP Amendment Boundary
C003	Existing Conditions
C100	Site Layout - East
C101	Site Layout - West
C200	Site Details
C201	Site Details
C300	Site Planting Plan - East
C301	Site Planting Plan - West
C302	Planting Schedule
C400	Pavement Markings and Signage
C401	Truck Access and Loading
C402	Grading Plan
C403	Erosion Control Plan
C404	Utility Plan
C405	Details
C406	Details
A110	Lower Level Floor Plan
A111	Upper Level Floor Plan
A141	Roof Plan
A151	Site/Sidewalk Plan
A201	Exterior Elevations
SL1	Photometric Plan



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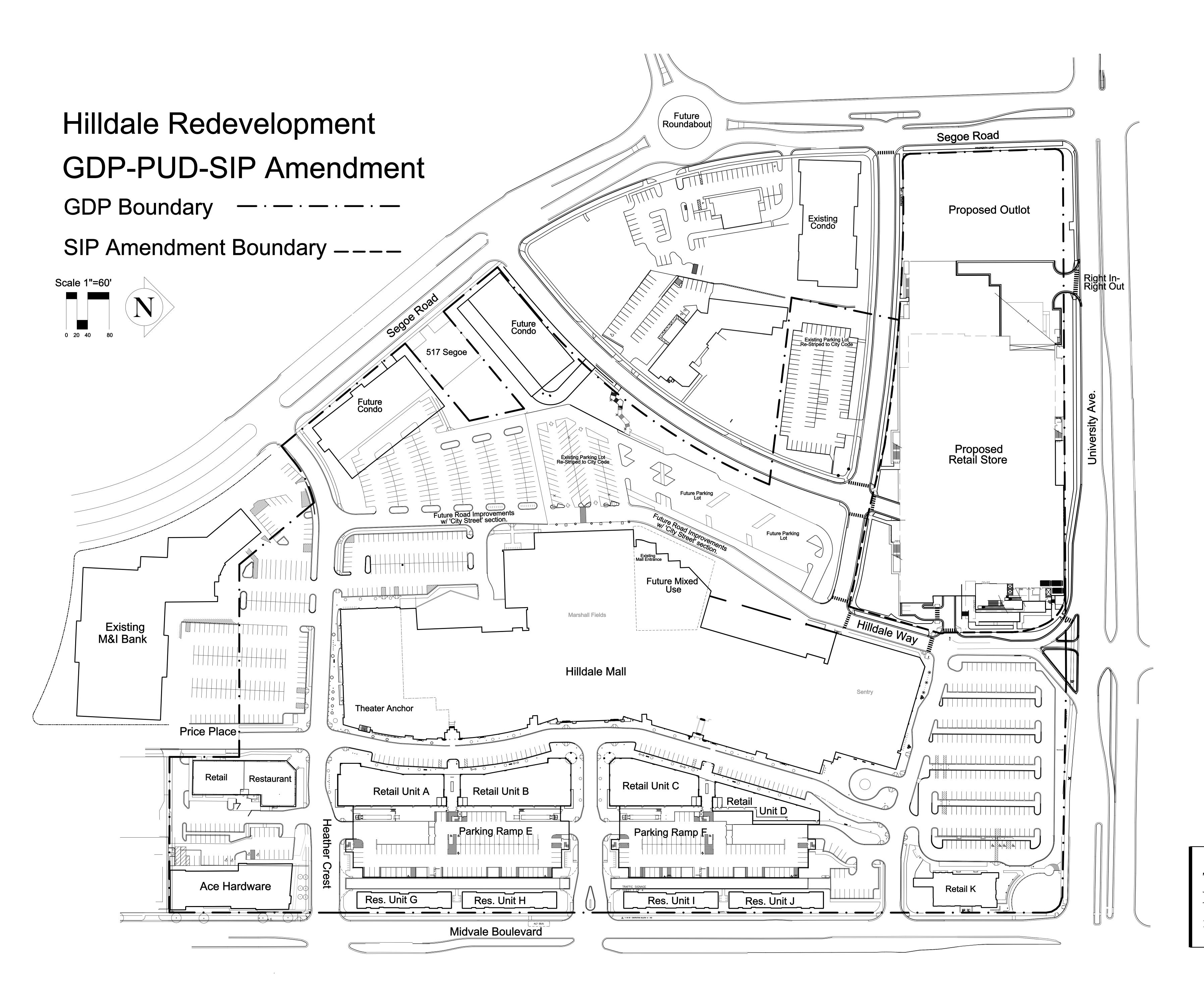
Target Madison-Hilldale

Madison, Wisconsin

Cover Sheet

Date: 12/16/09

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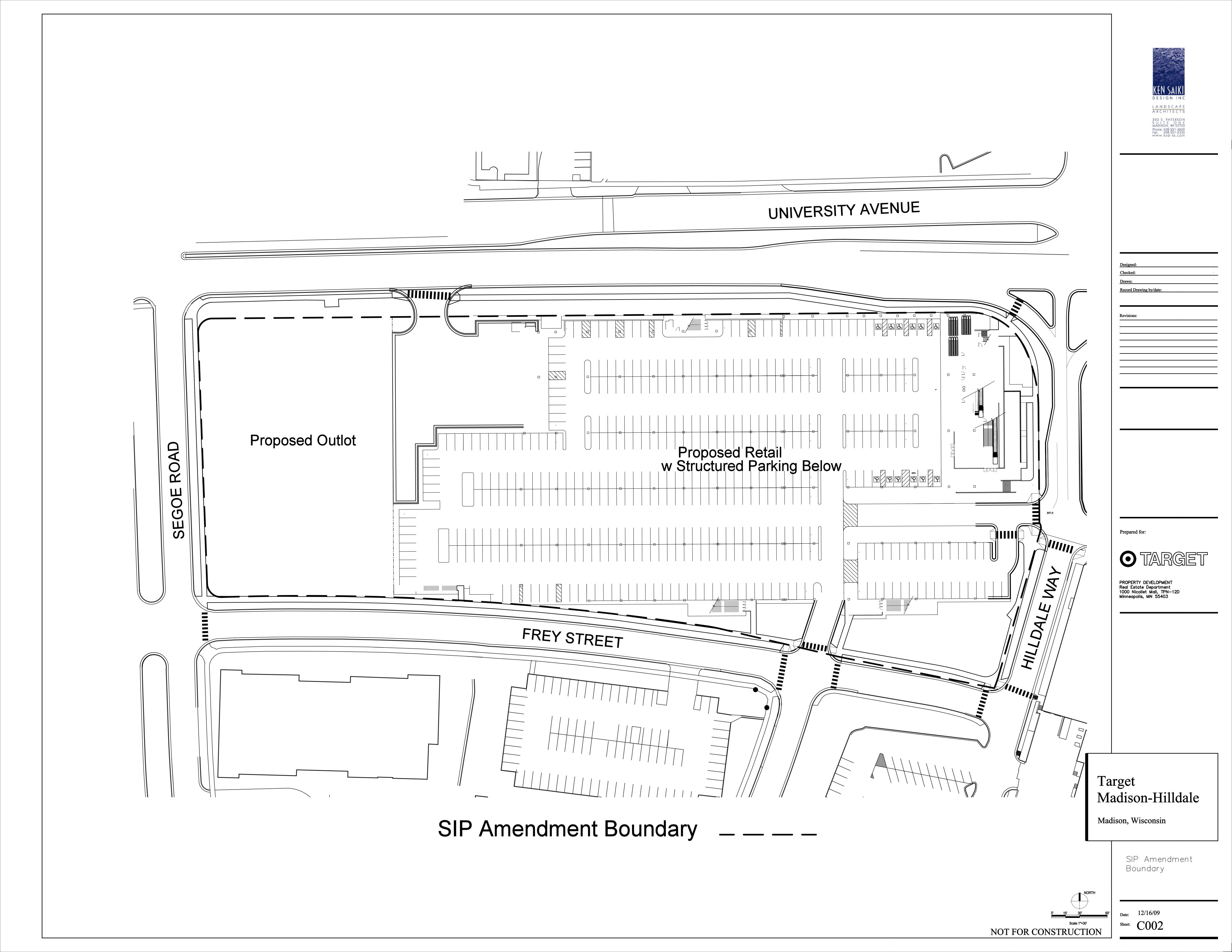
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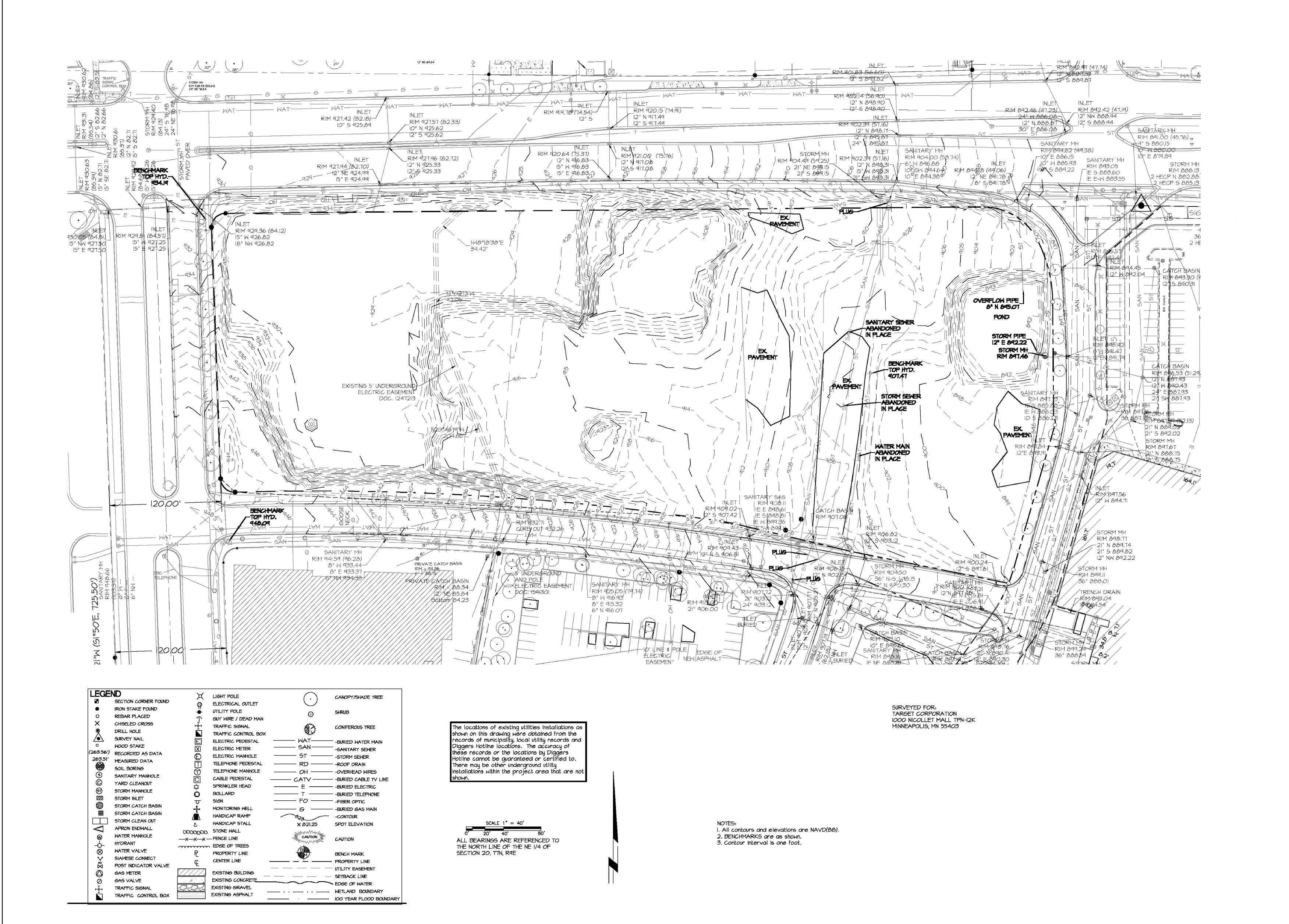
Target Madison-Hilldale

Madison, Wisconsin

GDP-PUD-SIP Amendment

Date: 12/16/09





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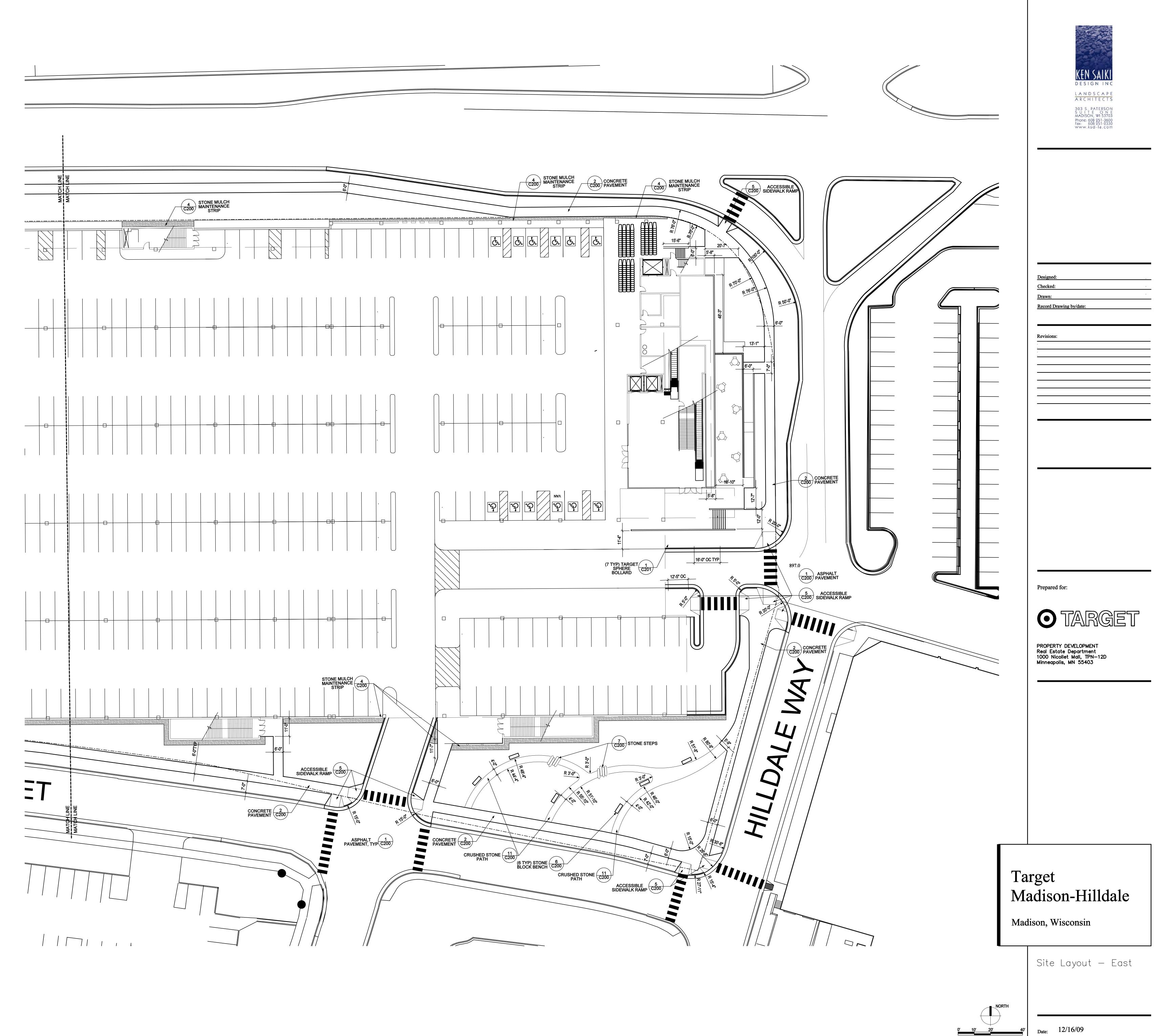
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Madison, Wisconsin

Existing Conditions

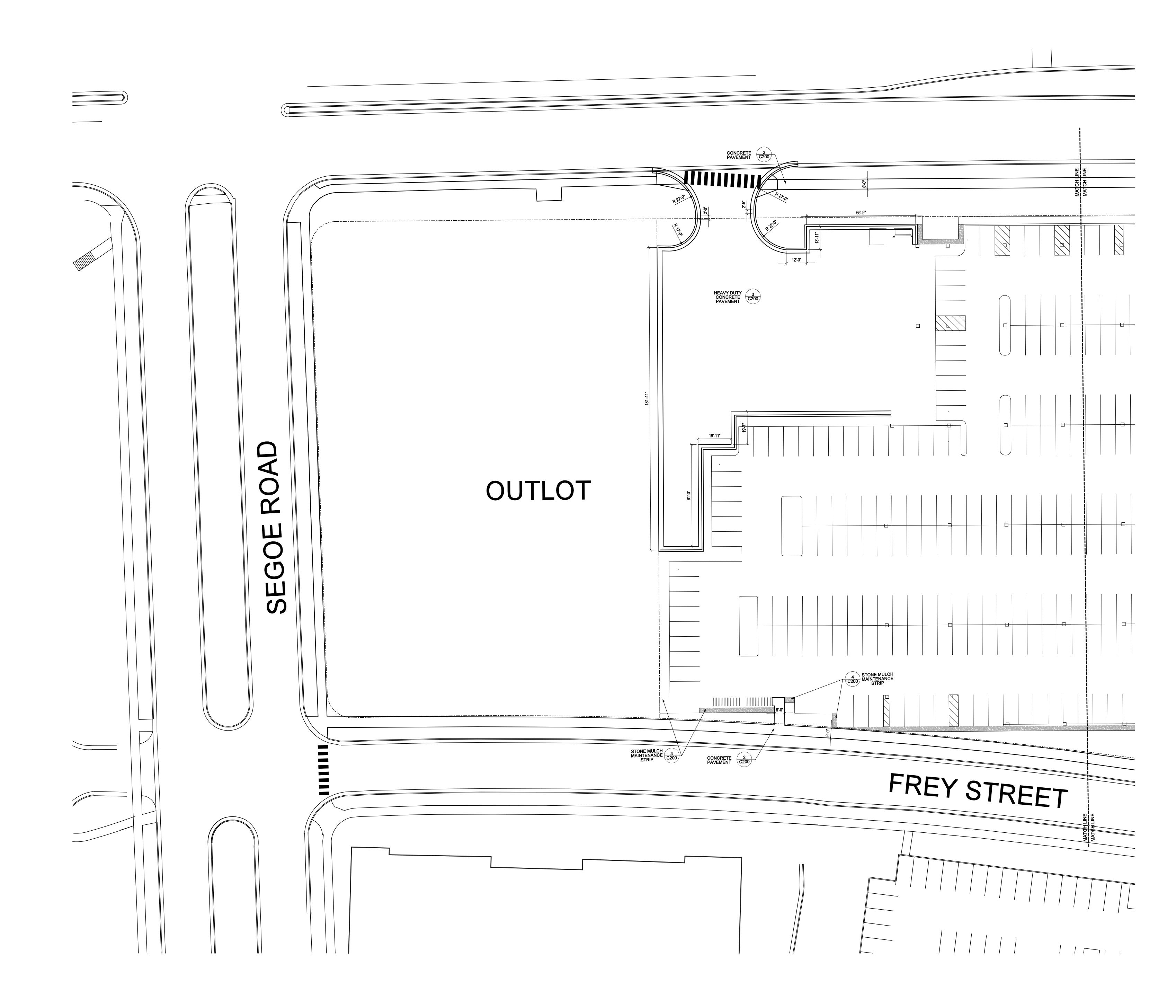
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C003



Date: 12/16/09
Sheet: C100

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Target Madison-Hilldale

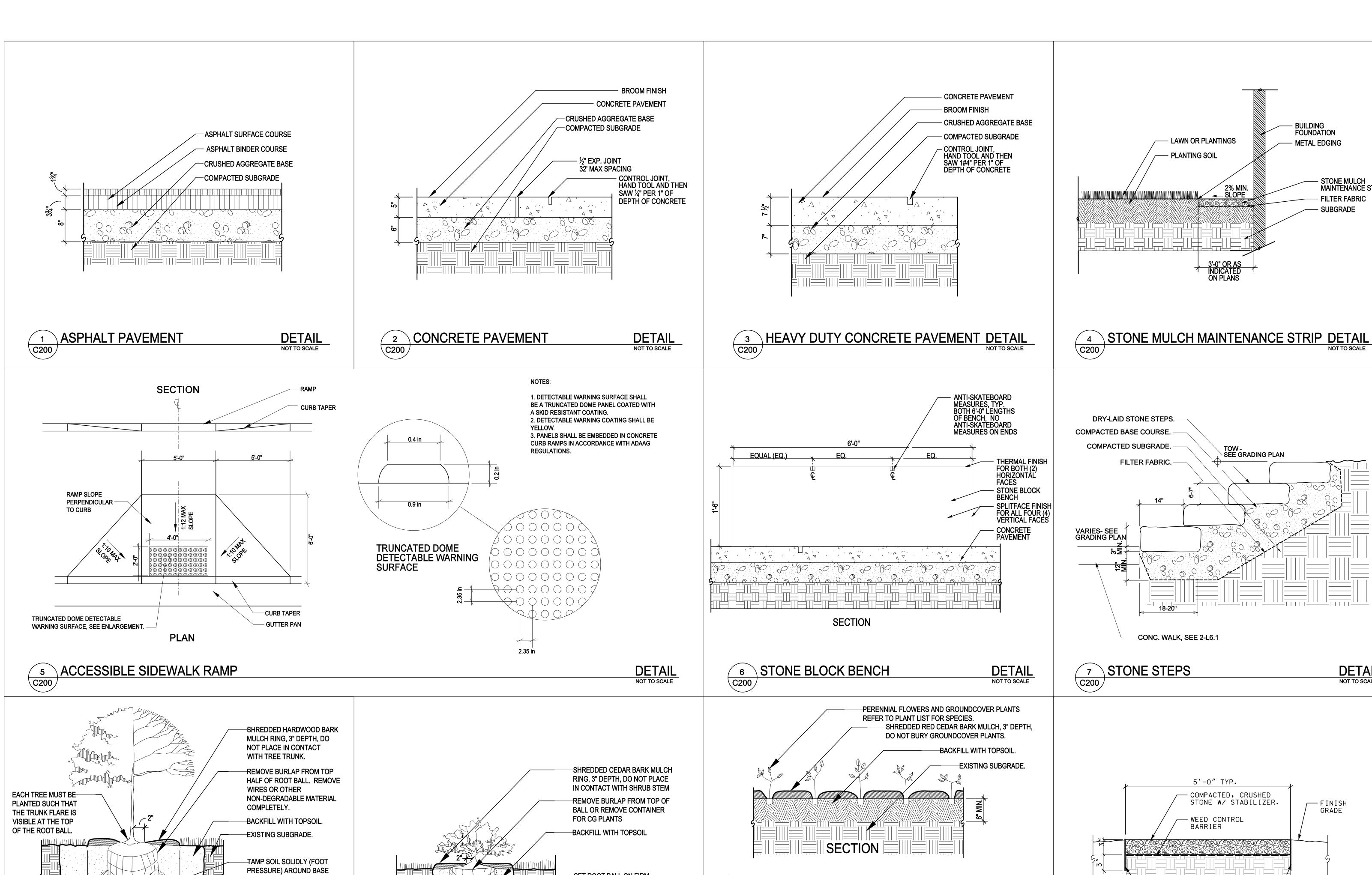
Madison, Wisconsin

Site Layout - West

0' 10' 20' 40 Scale 1"=20'

Date: 12/16/09
Sheet: C101

Scale 1"=20'
NOT FOR CONSTRUCTION



SET ROOT BALL ON FIRM,

EXISTING SUBGRADE

OF HOLE

SHRUB BALL VARIES

2X BALL DIA. MIN.

8 SHRUB PLANTING

UNDISTURBED SOIL IN BOTTOM

DETAIL NOT TO SCALE

PLAN

C200

PERENNIAL PLANTING

* REFER TO PLANT LIST FOR PLANT SPACING.

STAGGER ARRANGEMENT AS SHOWN.

DETAIL NOT TO SCALE

SO THAT ROOT BALL DOES

SET ROOT BALL ON FIRM,

UNDISTURBED SOIL IN BOTTOM

DETAIL NOT TO SCALE

NOT SHIFT.

OF HOLE.

MIN. MULCH RING DIA. TWO (2) TIMES

MIN. PLANTING HOLE DIA.
THREE (3) TIMES ROOT BALL

TREE PLANTING



- Building Foundation

- METAL EDGING

STONE MULCH
 MAINTENANCE STRIP

— FILTER FABRIC

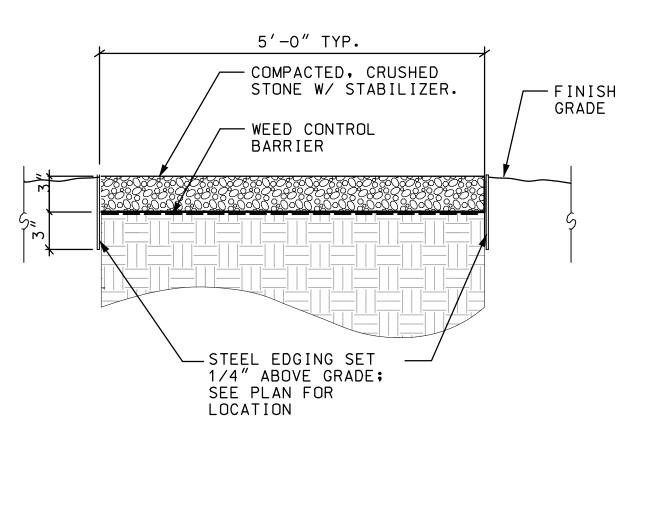
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DETAIL NOT TO SCALE



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CRUSHED STONE PATH	DETAIL NOT TO SCALE	

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Target Madison-Hilldale

Madison, Wisconsin

Site Details

Date: 12/16/09





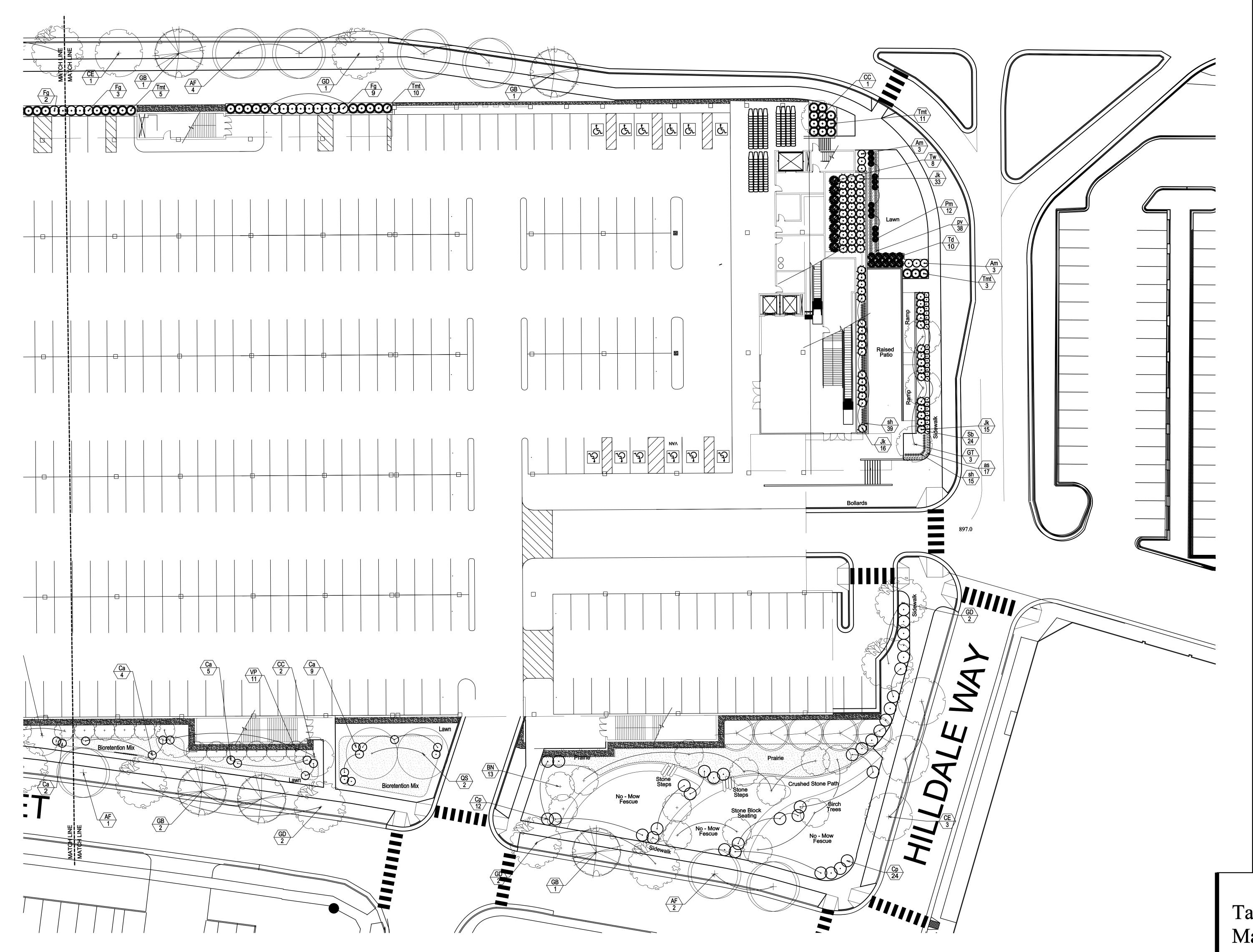
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Madison, Wisconsin

Site Details

Date: 12/16/09





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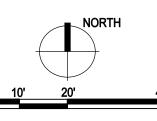
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Target Madison-Hilldale

Madison, Wisconsin

NOTES:
STREET TREE PLANTINGS ARE FOR REFERENCE ONLY AT THIS TIME.
SEE SHEET C302 FOR PLANT SCHEDULE.

Site Planting Plan — East



Date: 12/16/09
Sheet: C300

NOT FOR CONSTRUCTION



		AF 2 PN 1 TIM 10 Fg 2 CE 1 TIM 10 Fg 2 PN 17 TIM 10 PN 17 TIM 10 Fg 2 PN 17 TIM 10 PN 17 T
OECOE ROAD	REQUIRED TREES PER CITY OF MADISON LANDSCAPE POINT SYSTEM HAVE LABELS IN SQUARES ON THE PLAN. PLANTS USED TOWARD POINTS IN LANDSCAPE WORKSHEET HAVE CIRCLED LABELS ON THE PLAN. City of Madison - Landscape Worksheet Number of Parking Stalls Total 5g, Footage of Storage Area Number of Canopy Shade Trees Required - 2" - 2 1/2" cal. No. of Landscape Points Required Number of Points Required Number of Points Required Number of Points Required Number of Points Required Rement Value Quantity Achieved Quantity Points Canopy Tree: 2" - 21/2" 35 2 75 0 0 Deciduous Shrub 2 43 86 0 0 Evergreen Shrub 3 25 75 0 0 Decorative Wall or Fence 5 0 0 0 (per 10 L.F.) 0 0 0 Avg. Height 30" 5 0 0 0 0 Avg. Height 30" 5 0 0 0 0 Avg. Height 30" 5 0 0 0 0 Shelph minimum Canopy Tree or Small Tree 11 1/2" - 2" Caliper (i.e., Crab, Hawthom) Sub-Totals 321 STREET TREE PLANTINGS ARE FOR REFERENCE ONLY AT THIS TIME. SEE SHEET C302 FOR PLANT SCHEDULE.	
		FREY STREET AF 1 AF
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Target Madison-Hilldale

Madison, Wisconsin

Site Planting Plan — West

0' 10' 20'

Date: 12/16/09

NOT FOR CONSTRUCTION

Scale 1"=20'

Sheet: C301



Record Drawing by/date:

Prepared for:

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PLANT SCHEDULE:

Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments
	Deciduous Trees					
4F_	Acer x freemanii 'Armstrong'	Armstrong Freeman Maple		2.5" cal.	B&B	Single, straight leader
BN	Betula nigra	River Birch	13	2" cal.	B&B	Single, straight leader
CC	Carpinus caroliniana	Musclewood	4	1.5" cal.	B&B	Single, straight leader
CE	Celtis occidentalis	Common Hackberry		2.5" cal.	B&B	Single, straight leader
GB	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo		2.5" cal.	B&B	Single, straight leader
GT	Gleditsia triacanthos var. inermis 'Shademaster'	Shademaster Honeylocust	4	2.5" cal.	B&B	Single, straight leader
GD	Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffeetree	4	2.5" cal.	B&B	Single, straight leader
TR	Tilia americana 'Redmond'	Redmond American Linden		2.5" cal.	B&B	Single, straight leader
QS	Quercus x schuettei	Hybrid Swamp x Bur Oak	2	2" cal.	B&B	Single, straight leader
	Ornamental Trees					
VP	Viburnum prunifolium	Blackhaw Viburnum	14	6' ht.	B&B	Multi-stem; min. 3 leaders
	Evergreen Trees					
<u></u>	Pinus leukodermis 'Mint Truffle'	Mint Truffle Bosnian Pine	6	6' ht.	B&B	Single straight leader
	Pinus nigra	Austrian Pine	1	7' ht.	B&B	Single, straight leader
TIN	i ilius riigia	Austranie		/ III.	ΒαΒ	Single, straight leader
	Deciduous Shrubs/Vines					
<u>4m</u>	Aronia melanocarpa 'Morton'	Iroquois Beauty Black Chokeberry	38	3' ht.	cont.	
<u>Ca</u>	Ceanothus americanus	New Jersey Tea	20	18" ht.	cont.	
Ср	Cornus pumila	Dwarf Red Tipped Dogwood	36	2' ht.	cont.	
Cr	Cornus racemosa	Gray Dogwood	4	3' ht.	cont.	
Fg	Fothergilla gardenii	Dwarf Fothergilla	19	2' ht.	cont.	
Ra	Rhus aromatica 'Gro Low'	Gro Low Fragrant Sumac	11	2' spd.	cont.	
Sb_	Spiraea betulifolia 'Tor'	Tor Birchleaf Spirea	24	18"ht.	cont.	
	Evergreen Shrubs					
Jk	Juniperus chinensis 'Kallay'	Kallays Compact Pfitzer Juniper	64	18" spd.	cont.	
Js	Juniperus scopulorum 'Welchii'	Welch Juniper	25	4' ht.	cont.	
² m	Pinus mugo 'Mops'	Mops Mugo Pine	12	18" spd.	cont.	
Γmt	Taxus x media 'Tauntonii'	Taunton Yew	39	2' ht.	cont.	
Td	Thuja occidentalis 'Degroot's Spire'	Degroot's Spire Arborvitae	10	4' ht.	cont.	
Tw	Thuja 'Wintergreen'	Wintergreen Arborvitae	25	4' ht.	cont.	
	Perennials/Groundcovers					
as	Allium tanguticum 'Summer Beauty'	Summer Beauty Allium	17	1 qt.	cont.	
<u>as</u>	Amain tanguttain Summer Deauty	Curimer Deauty Amuri	17	1 41.	COH.	
	Ornamental Grasses					
pv	Panicum virgatum 'Northwind'	Northwind Switch Grass	38	3 gal.	cont.	
sh	Sporobolus heterolepis	Prairie Dropseed	54	1 gal.	cont.	

NOTE: STREET TREE PLANTINGS ARE FOR REFERENCE ONLY AT THIS TIME.

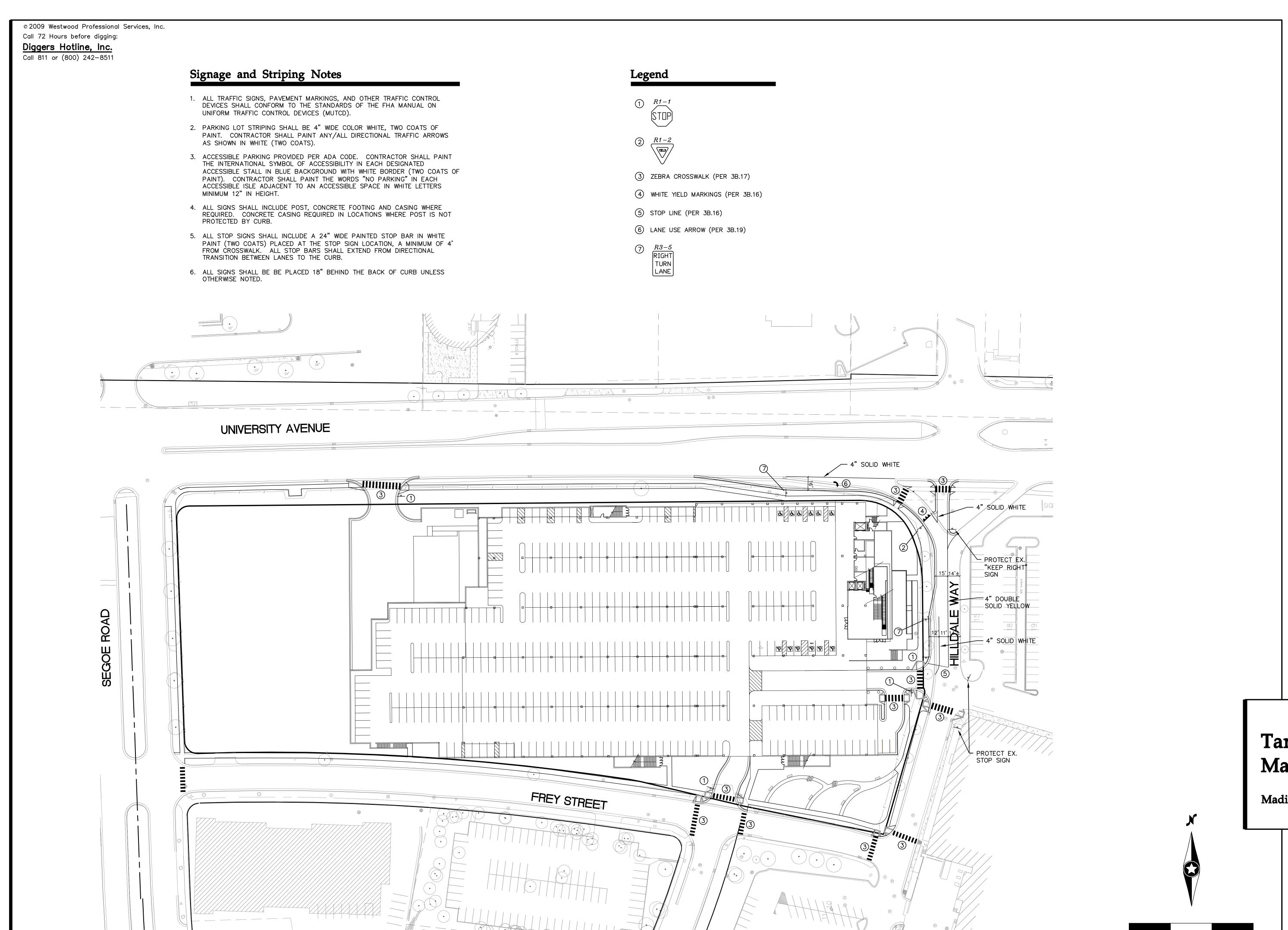
SEE SHEETS C300 & C301 FOR PLANTING PLANS.

Target
Madison-Hilldale

Madison, Wisconsin

Planting Schedule

Date: 12/16/09





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Daniel Parks, P.E. Date: 12/16/09 License No. 36189

Prepared for:



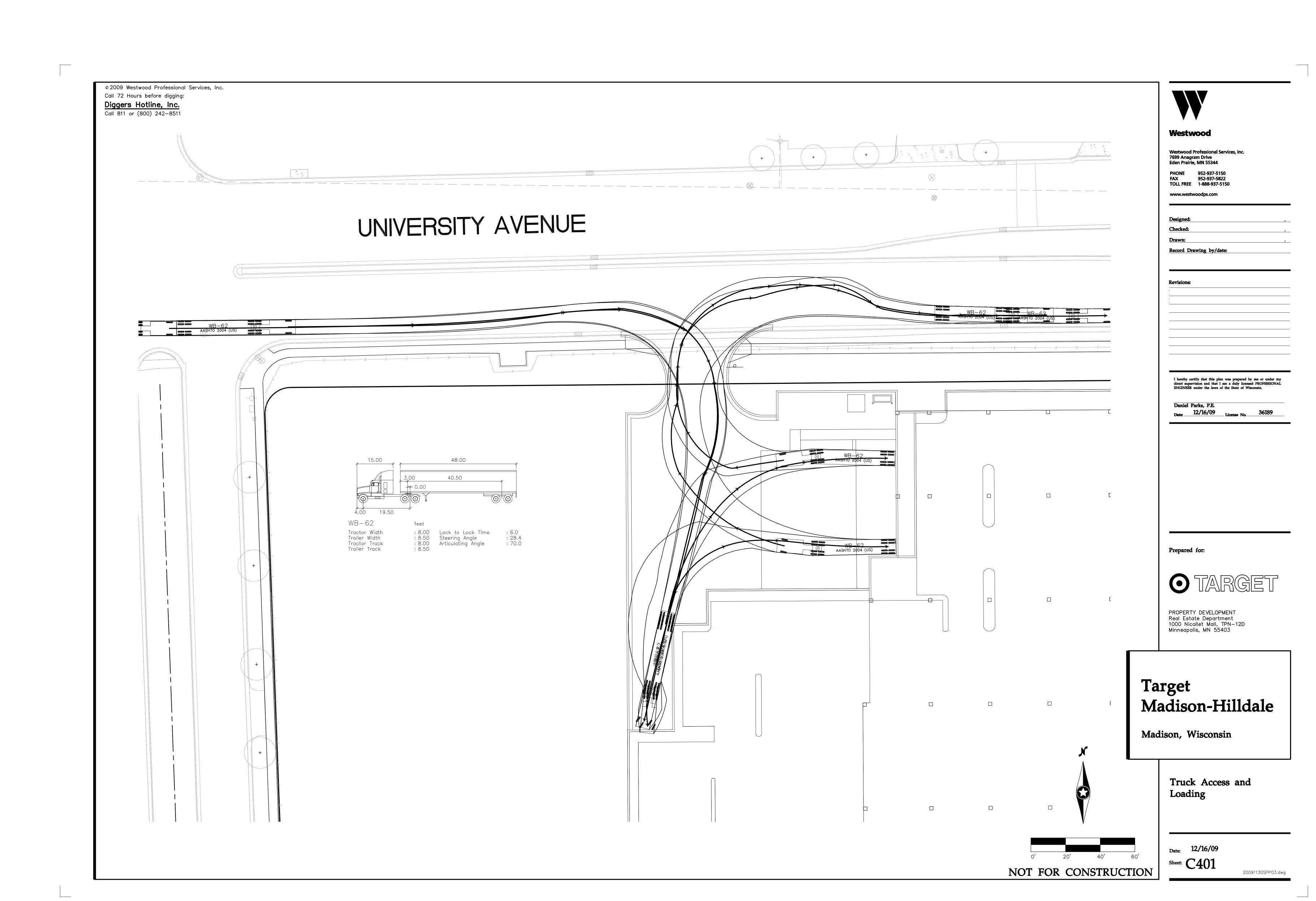
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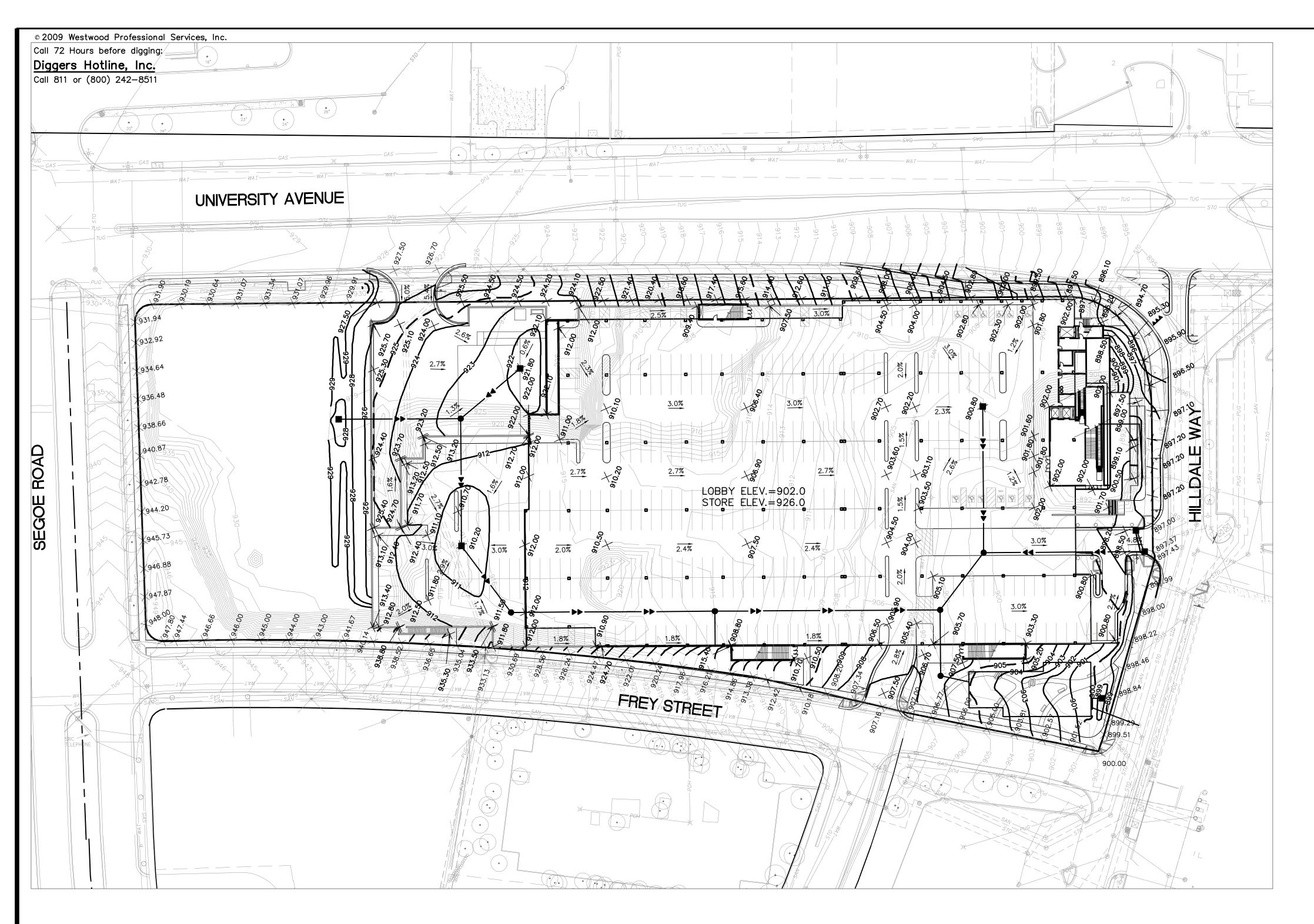
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Madison, Wisconsin

Pavement Markings and Signage

Sheet: **C400** NOT FOR CONSTRUCTION 20091130SPP01.dwg





	EXISTING	PROPOSED	
	—905 — —904 —	905 904	PROPERTY LINE INDEX CONTOUR INTERVAL CONTOUR
	SAN —	 	CURB AND GUTTER SANITARY SEWER
ST	STO WAT		STORM SEWER WATER MAIN
	——— GAS ————	 GAS	GAS
	—— PUG ———		UNDERGROUND ELECTRIC OVERHEAD ELECTRIC
	TUG	TUG	UNDERGROUND TELEPHON
	TOH FOP	 FOP	OVERHEAD TELEPHONE TELEPHONE FIBER OPTIC
	CTV	 	CABLE TELEVISION RETAINING WALL
	936.48	970.20	SPOT ELEVATION
		1.50%	FLOW DIRECTION AND GRA



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Target Madison-Hilldale

Madison, Wisconsin

Grading Plan

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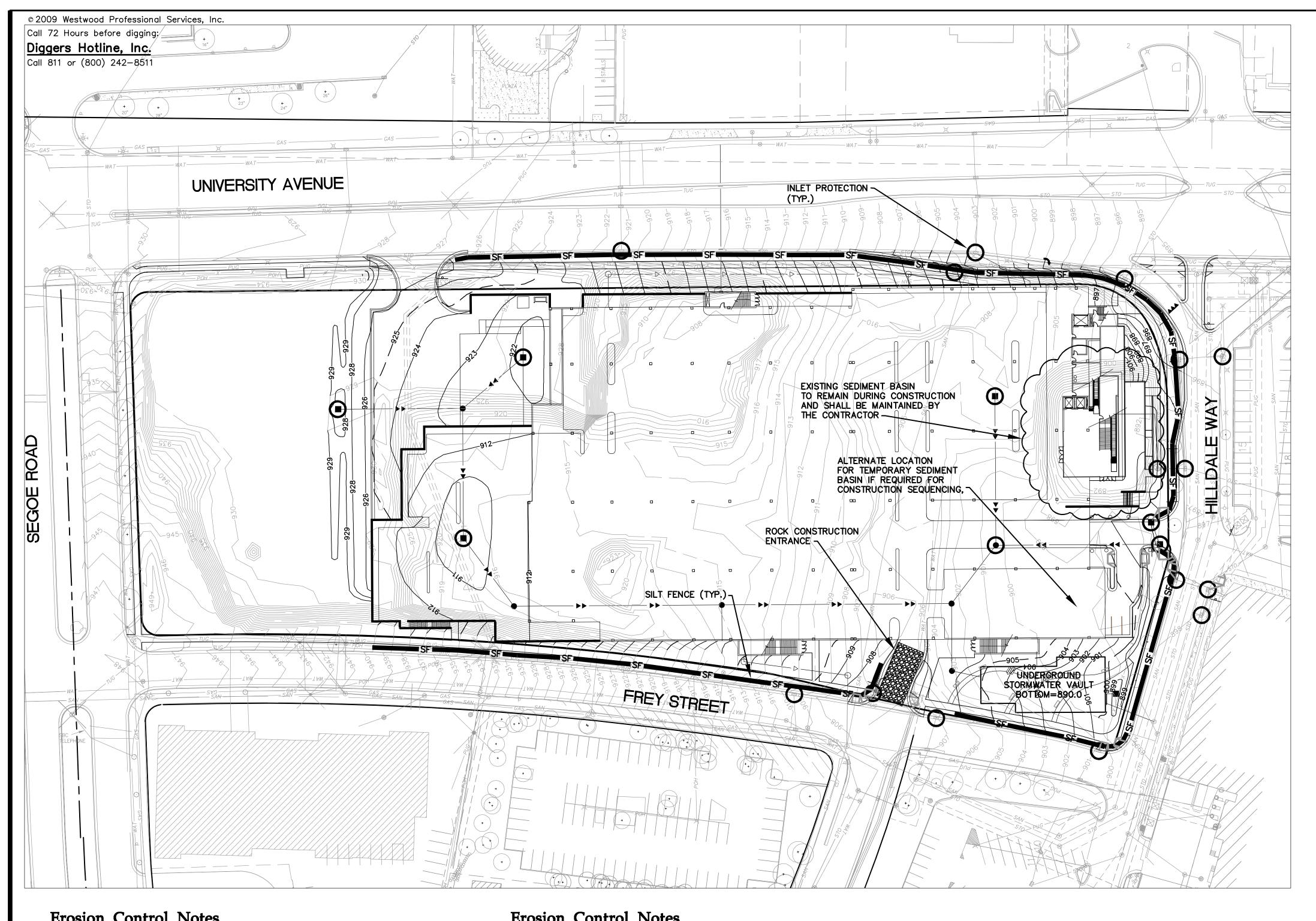
Grading Notes

- 1. LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE
- 2. CONTRACTORS SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVEMENT, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND EXACT LOCATIONS AND NUMBER OF DOWNSPOUTS.
- 3. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
- 4. ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL AND SOD OR SEED. THESE AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. SEE LANDSCAPE PLAN FOR PLANTING AND TURF ESTABLISHMENT.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MNDOT STANDARDS.
- 6. ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE INDICATED ON THIS SHEET.
- 7. CONTRACTOR SHALL UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AND PROVIDE A SMOOTH FINISHED SURFACE WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN OR BETWEEN SUCH POINTS AND EXISTING GRADES.

- 8. SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS & GUTTER FLOW LINE UNLESS OTHERWISE NOTED. PROPOSED CONTOURS ARE TO FINISHED SURFACE GRADE.
- 9. SEE SOILS REPORT FOR PAVEMENT THICKNESSES AND HOLD DOWNS. 10. CONTRACTOR SHALL DISPOSE OF ANY EXCESS SOIL MATERIAL THAT EXISTS
- AFTER THE SITE GRADING AND UTILITY CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS SOIL MATERIAL IN A MANNER ACCEPTABLE TO THE OWNER AND THE REGULATING AGENCIES.
- 11. CONTRACTOR SHALL PROVIDED A STRUCTURAL RETAINING WALL DESIGN CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER.
- 12. ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE AND FEDERAL RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- 13. PRIOR TO PLACEMENT OF ANY STRUCTURE OR PAVEMENT, A PROOF ROLL, AT MINIMUM, WILL BE REQUIRED ON THE SUBGRADE. PROOF ROLLING SHALL BE ACCOMPLISHED BY MAKING MINIMUM OF 2 COMPLETE PASSES WITH FULLY-LOADED TANDEM-AXLE DUMP TRUCK, OR APPROVED EQUAL, IN EACH OF 2 PERPENDICULAR DIRECTIONS WHILE UNDER SUPERVISION AND DIRECTION OF THE INDEPENDENT TESTING LABORATORY. AREAS OF FAILURE SHALL BE EXCAVATED AND RECOMPACTED AS SPECIFIED HEREIN.
- 14. EMBANKMENT MATERIAL PLACED BENEATH BUILDINGS AND STREET OR PARKING AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE SPECIFIED DENSITY METHOD AS OUTLINED IN MNDOT 2105.3F1 AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
- 15. EMBANKMENT MATERIAL NOT PLACED IN THE BUILDING PAD, STREETS OR PARKING AREA, SHALL BE COMPACTED IN ACCORDANCE WITH REQUIREMENTS OF THE ORDINARY COMPACTION METHOD AS OUTLINED IN MNDOT 2105.3F2.

GEOTECHNICAL ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.

16. ALL SOILS AND MATERIALS TESTING SHALL BE COMPLETED BY AN INDEPENDENT



Legend <u>PROPOSED</u> INDEX CONTOUR INTERVAL CONTOUR ─■ STORM SEWER

ROCK CONSTRUCTION ENTRANCE

INLET PROTECTION

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Target Madison-Hilldale

Madison, Wisconsin

Erosion Control Plan

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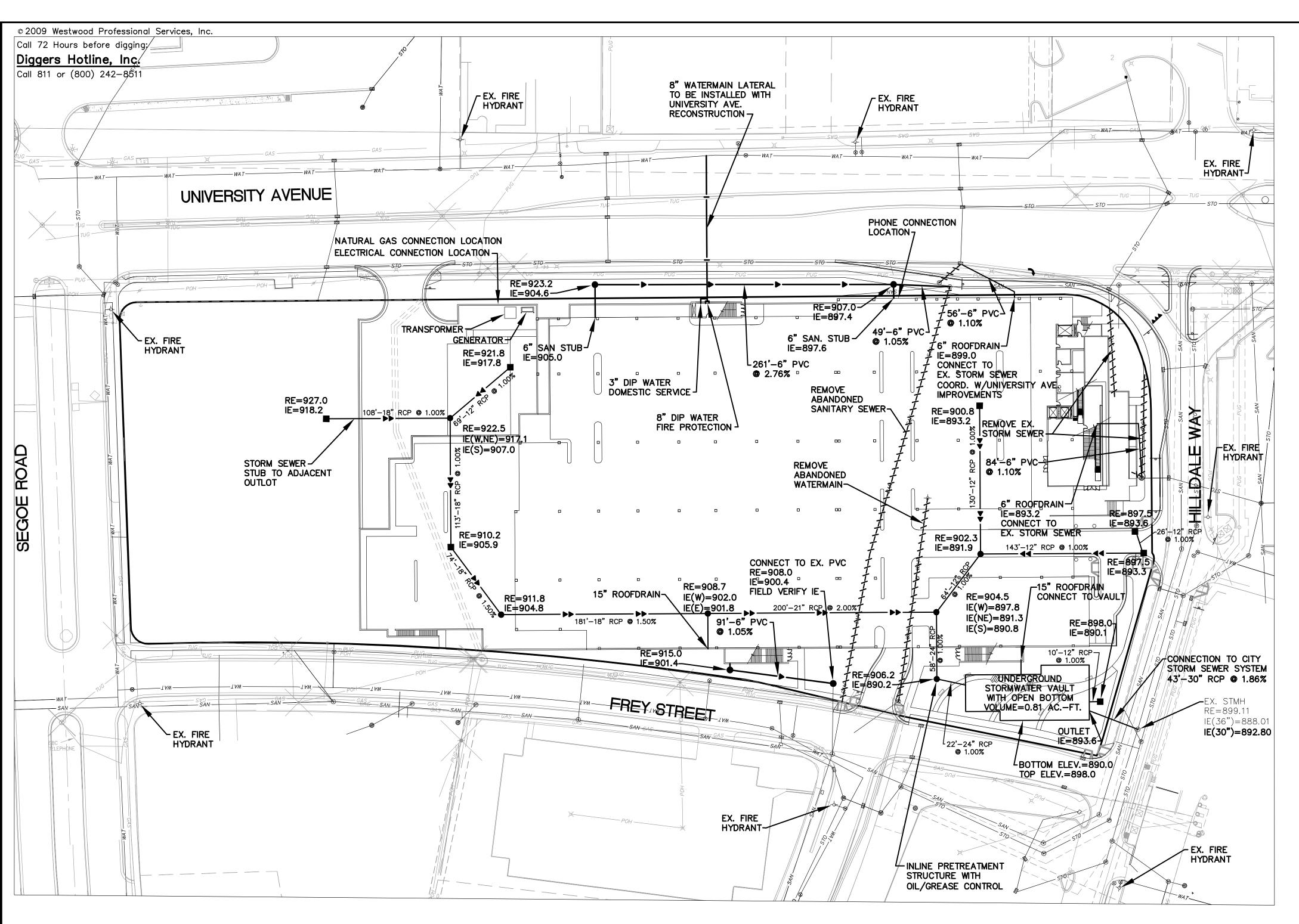
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Erosion Control Notes

- 1. SILT FENCE (SEE CITY OF MADISON STANDARD DETAIL DRAWING 1.01) WILL BE INSTALLED AROUND SITE IN ALL FILL AREAS AND LOCATIONS WHERE STORM WATER RUNOFF MAY LEAVE THE SITE, PRIOR TO ANY EXCAVATION/CONSTRUCTION ACTIVITIES.
- 2. ROCK CONSTRUCTION ENTRANCES (SEE CITY OF MADISON STANDARD DETAIL DRAWING 1.07) WILL BE INSTALLED AT ALL CONSTRUCTION ENTRANCES.
- 3. SILTATION AND EROSION CONTROL: THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL THE EROSION AND SILTATION INCLUDING BUT NOT LIMITED CATCH BASIN INSERTS, ROCK CONSTRUCTION ENTRANCES, EROSION CONTROL BLANKET, AND SILT FENCE. CONTROL SHALL COMMENCE WITH GRADING AND CONTINUE THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR'S RESPONSIBILITY INCLUDES ALL IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE OWNER MAY DIRECT THE CONTRACTOR'S METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITION OF SILT OR MUD ON NEW OR EXISTING PAVEMENT OR IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN. AFFECTED AREAS SHALL BE CLEANED TO THE SATISFACTION OF THE OWNER, ALL AT THE EXPENSE OF THE CONTRACTOR. ALL TEMPORARY EROSION CONTROL SHALL BE REMOVED BY THE CONTRACTOR AFTER THE TURF IS ESTABLISHED.
- 4. CONTRACTOR SHALL INSTALL TEMPORARY INLET PROTECTION (INLET PROTECTION TYPE D OR EQUIVALENT, SEE CITY OF MADISON STANDARD DETAIL DRAWING 1.06) AT ALL CATCH BASIN GRATE INLETS, AFFECTED BY THIS CONSTRUCTION.
- 5. ALL DISTURBED AREAS SHALL HAVE TEMPORARY PROTECTION OR PERMANENT COVER OVER EXPOSED SOIL AREAS IF NOT BEING ACTIVELY GRADED WITHIN SEVEN (7) DAYS.
- 6. FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH SOD OR WOOD FIBER BLANKET IS REQUIRED.
- 7. PUBLIC STREETS USED FOR HAULING SHALL BE KEPT FREE OF SOIL AND DEBRIS. STREET SWEEPING SHALL BE COMPLETED DAILY.

Erosion Control Notes

- 8. ALL PROPOSED EROSION CONTROL MEASURES AND STRUCTURES MUST BE INSPECTED AT LEAST WEEKLY AND WHENEVER 0.5 INCHES OF RAIN IS PRODUCED WITHIN 24 HOURS. NECESSARY MAINTENANCE SHALL FOLLOW THE INSPECTIONS WITHIN 24 HOURS.
- 9. FOR THE FIRST SIX WEEKS AFTER INITIAL STABILIZATION OF A DISTURBED AREA, THE CONTRACTOR SHALL MAKE PROVISIONS FOR WATERING WHENEVER MORE THAN 7 DAYS OF DRY WEATHER ELAPSE.
- 10. MATERIALS FOR SEED, FERTILIZERS, MULCHING MATERIAL, AND SOIL STABILIZERS SHALL MEET THE CITY OF MADISON ARTICLE 207 SPECIFICATIONS. CONSTRUCTION METHODS FOR SEEDING, FERTILIZING, MULCHING, WATERING, AND SOIL STABILIZERS SHALL MEET THE CITY OF MADISON ARTICLE 207



Utility Legend

Julity L	egen	<u>u</u>	
EXISTING		PROPOSED	
			PROPERTY LINE
- — — — — -	-		EASEMENT LINE
			CURB AND GUTTER
SAN	<u> </u>		SANITARY SEWER
STO			STORM SEWER
			WATER MAIN
GAS		GAS	GAS
PUG		PUG	UNDERGROUND ELECTRIC
POH		РОН	OVERHEAD ELECTRIC
			UNDERGROUND TELEPHONE
ТОН —		ТОН	OVERHEAD TELEPHONE
FOP		FOP	TELEPHONE FIBER OPTIC
CTV		стv	CABLE TELEVISION



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Target Madison-Hilldale

Madison, Wisconsin

Utility Plan

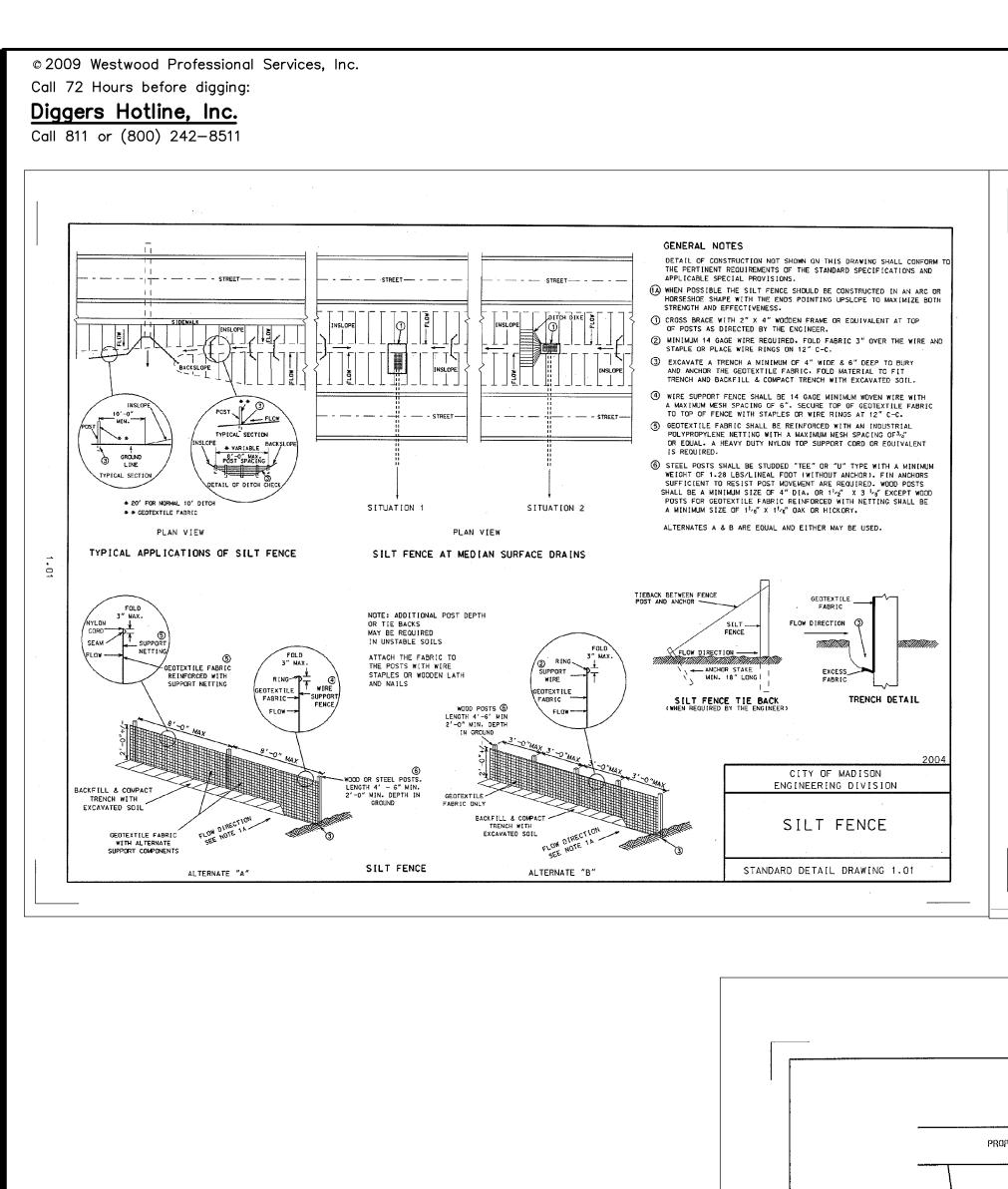
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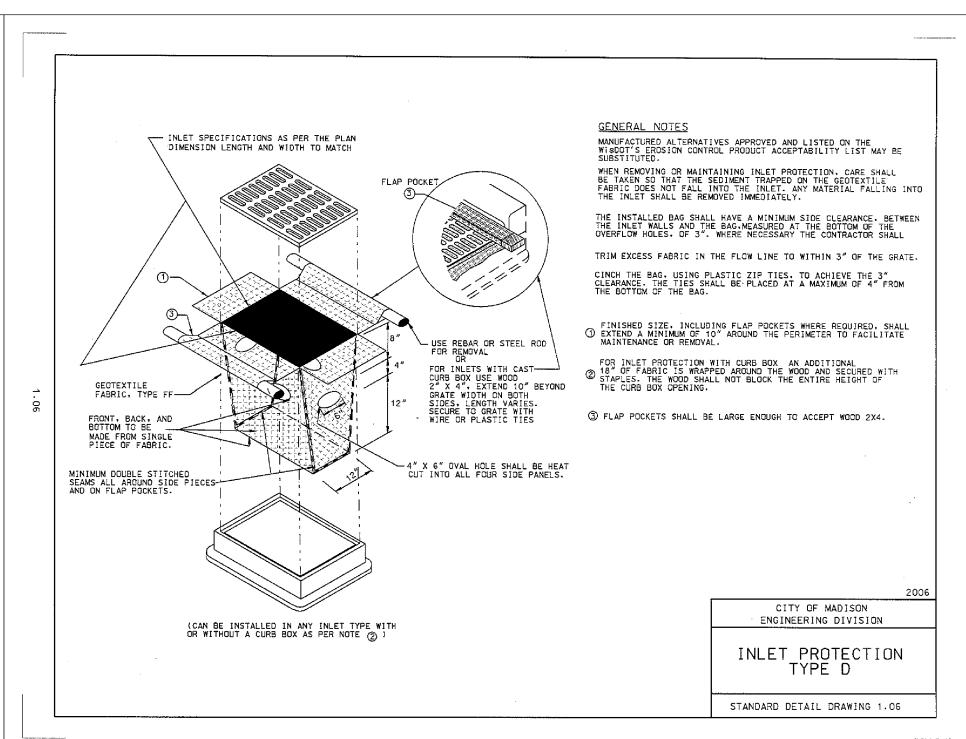
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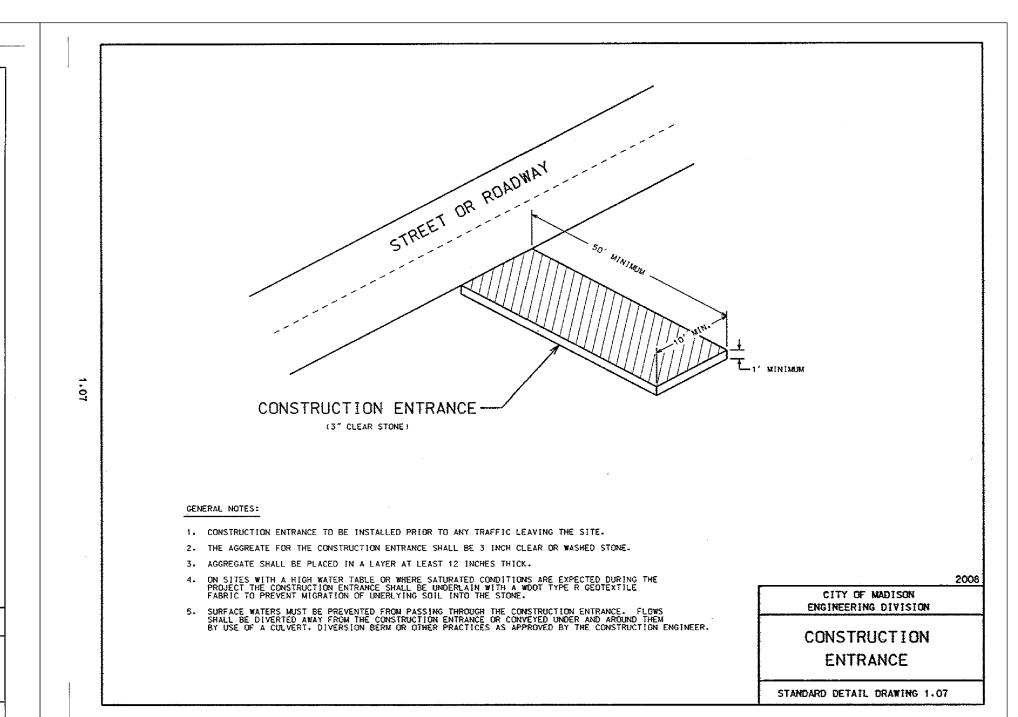
General Utility Notes

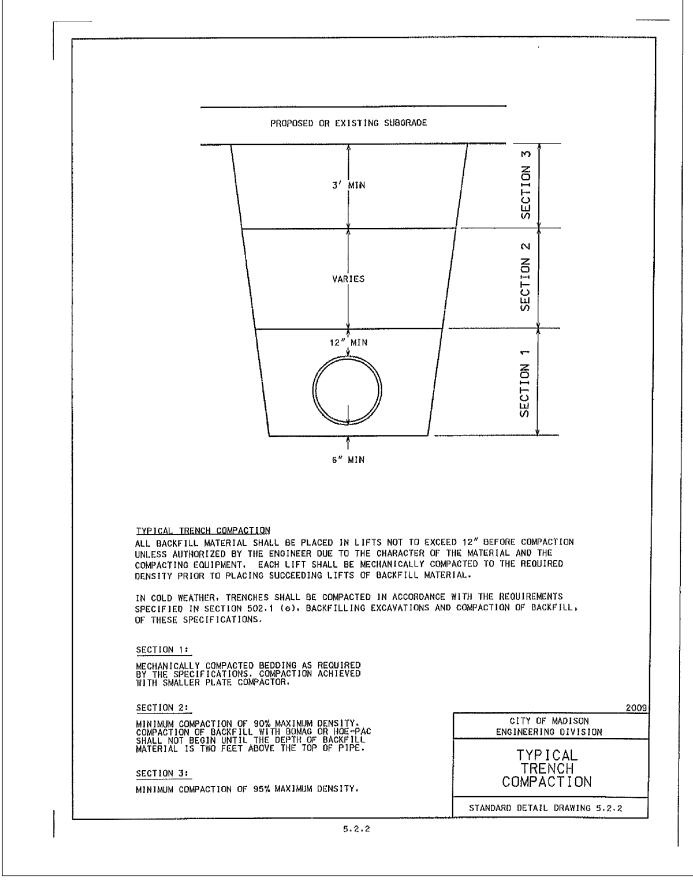
- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND LIMITED MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION SHALL NOT BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE OWNER OR ENGINEER OF DISCREPANCIES.
- 2. ALL SANITARY SEWER, STORM SEWER AND WATER MAIN INSTALLATIONS SHALL BE PER WISCONSIN PLUMBING CODE AND IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN".
- 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE NECESSARY FEDERAL, STATE AND LOCAL PERMITS FOR THE PROPOSED WORK OR VERIFY WITH THE OWNER OR ENGINEER THAT PERMITS HAVE BEEN OBTAINED. PERMIT FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE ARRANGED WITH THE OWNER.
- 4. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF DOORWAYS, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY CONNECTION LOCATIONS.
- 5. ALL PRIVATE UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL COORDINATE THE SERVICE LINE CONSTRUCTION WITH THE UTILITY COMPANIES.
- 6. CONTRACTOR SHALL OBTAIN ALL NECESSARY CITY PERMITS FOR UTILITY CONNECTIONS, AND UTILITIES SHALL BE INSPECTED AND APPROVED BY THE CITY. THE CITY SHALL BE NOTIFIED 48-HOURS PRIOR TO COMMENCING WITH THE UTILITY CONSTRUCTION OR ANY REQUIRED TESTING. CONTRACTOR SHALL NOT OPERATE, INTERFERE WITH, CONNECT ANY PIPE OR HOSE TO, OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

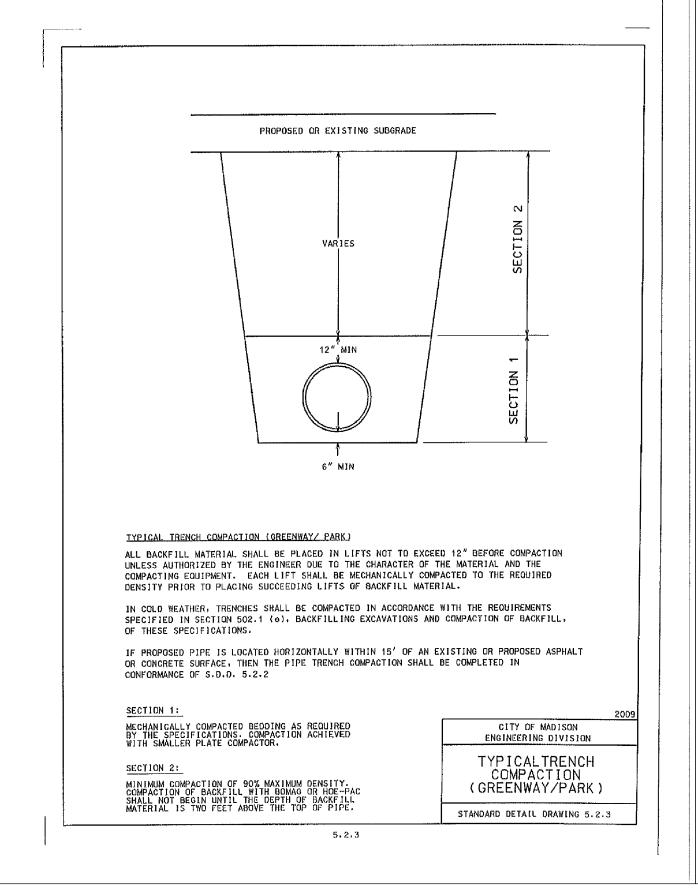
- 7. WATER MAIN LENGTHS AS SHOWN ARE APPROXIMATE HORIZONTAL LENGTHS. ALLOW FOR ADDITIONAL PIPE WHEN INSTALLING ON SLOPES OR WHEN DEFLECTIONS ARE REQUIRED. THE JOINT DEFLECTIONS SHALL NOT EXCEED THE MAXIMUM RECOMMENDED BY THE PIPE MANUFACTURER OR BY LOCAL GOVERNING SPECIFICATIONS. FITTINGS REQUIRED TO CONSTRUCT WATER MAIN SHALL BE INCLUDED IN WATER MAIN CONSTRUCTION.
- 8. PROVIDE WATER MAIN THRUST RESTRAINTS PER CITY STANDARD REQUIREMENTS.
- 9. A MINIMUM VERTICAL SEPARATION OF 18 INCHES IS REQUIRED AT ALL WATER MAIN CROSSINGS WITH SANITARY SEWER OR STORM SEWER. 10. UTILITY SERVICES TYPICALLY TERMINATE 5' OUTSIDE BUILDING WALL UNLESS OTHERWISE SHOWN OR NOTED.
- 11. ALL MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY.
- 12. ALL WATER LINES SHALL BE DUCTILE IRON WRAPPED IN POLYETHYLENE, CLASS 52 WITH 6.0' MINIMUM COVER. PROVIDE MINIMUM SEPARATION OF 18" FROM SANITARY SEWER & STORM SEWER. INSULATE WATER MAIN IF LESS THAN 6.0'
- 13. INSULATION SHALL BE DOW STYROFOAM HI BRAND 35 OR EQUIVALENT, WITH 4 INCHES OF THICKNESS.
- 14. SANITARY SEWER PIPE OUTSIDE THE BUILDING ENVELOPE SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35 OR 26. SDR 26 IS REQUIRED FOR DEPTHS GREATER THAN 15 FEET. SANITARY SEWER PIPE WITHIN 5 FEET OF BUILDING AND UNDER FOOTINGS, PIPE SHALL BE PVC SCHEDULE 40.
- 15. STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE (CLASS 5 FOR PIPE DIAMETERS 18" AND SMALLER, CLASS 3 FOR PIPE DIAMETERS 21" AND LARGER UNLESS OTHERWISE NOTED) WITH R-4 GASKETS, OR HDPE STORM SEWER PIPE IF ALLOWED BY THE CITY. HDPE STORM PIPE SHALL MEET REQUIREMENTS OF AASHTO M294, TYPE S WITH WATERTIGHT CONNECTIONS. SEE PLAN FOR LOCATIONS WHERE RCP IS REQUIRED. PVC STORM SEWER PIPE SHALL BE SCHEDULE 40 PIPE. FLARED END SECTIONS SHALL BE RCP WITH TRASH GUARDS & RIP-RAP.
- 16. AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH AN AS-BUILT RECORD OF UTILITY CONSTRUCTION. THE AS-BUILT SHALL INCLUDE LOCATION AND LENGTH DEVIATIONS OR CHANGES TO THE PLAN. CONTRACTOR TO VERIFY WITH OWNER OR ENGINEER WHETHER A PLAN WITH POST-CONSTRUCTION ELEVATIONS IS REQUIRED.

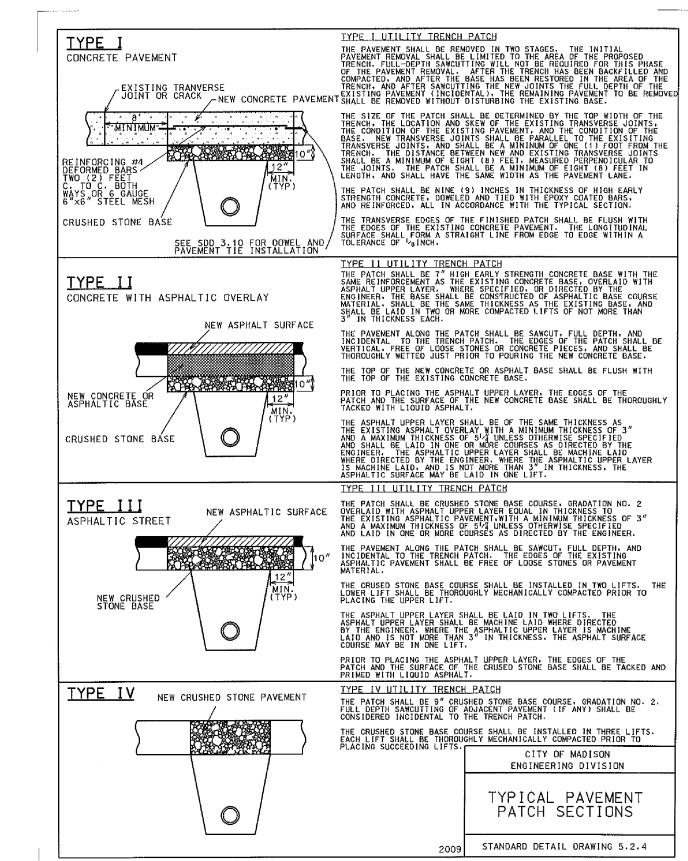












5.2.4



Westwood

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Checked:

Record Drawing by/date:

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAI ENGINEER under the laws of the State of Wisconsin.

Daniel Parks, P.E. Date: 12/16/09 License No. 36189

Prepared for:



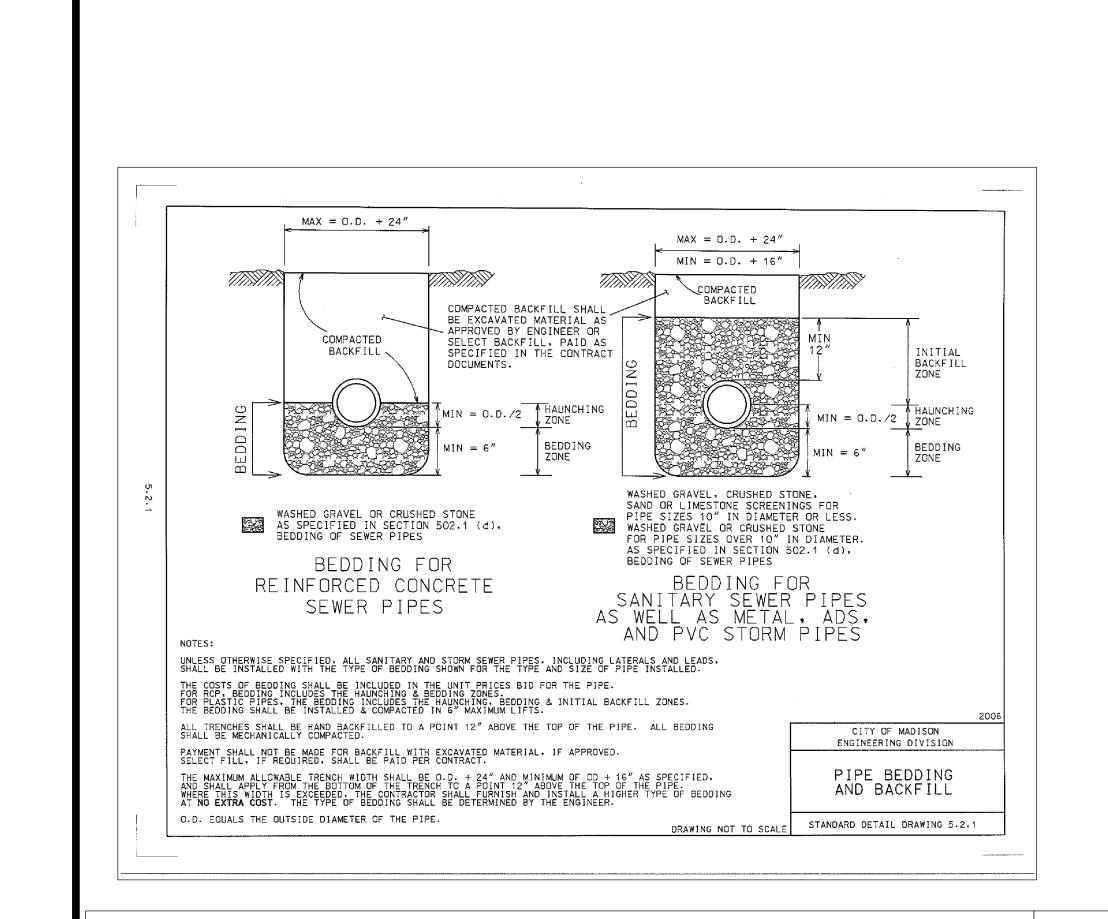
PROPERTY DEVELOPMENT Real Estate Department 1000 Nicollet Mall, TPN-12D Minneapolis, MN 55403

Target Madison-Hilldale

Madison, Wisconsin

Details

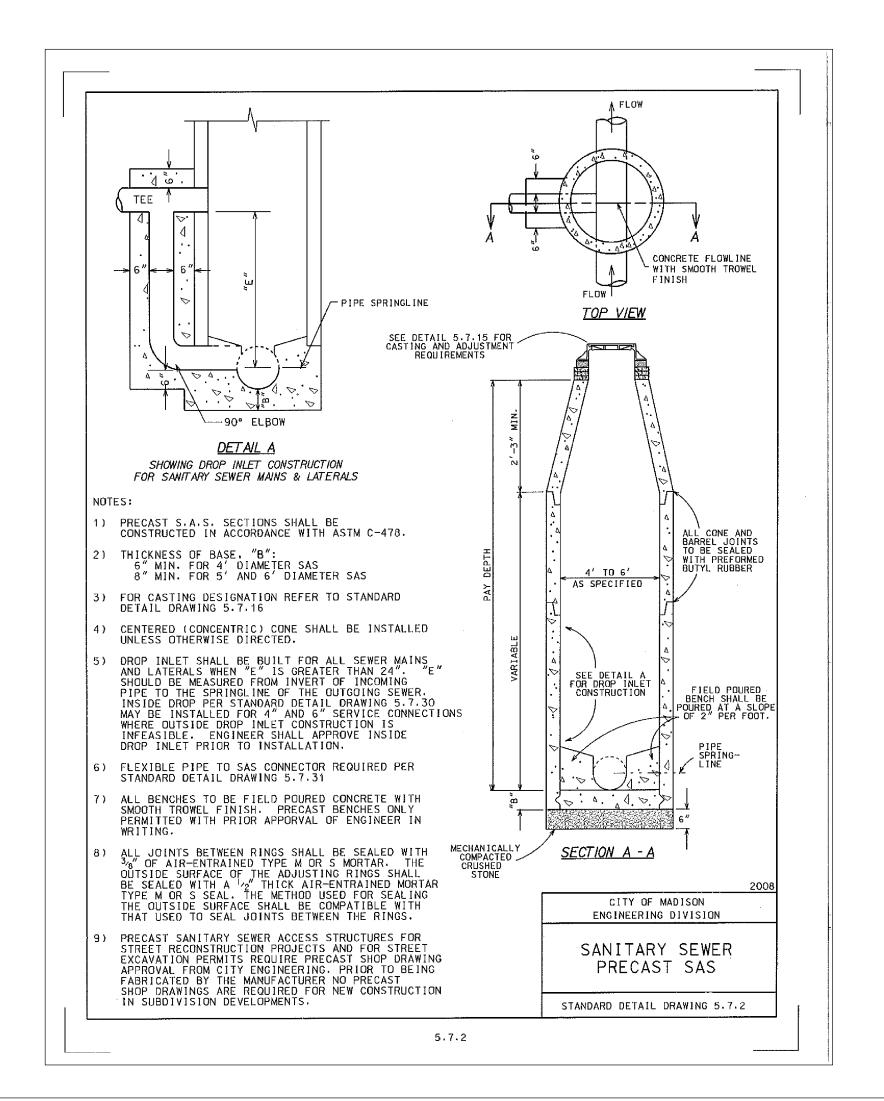
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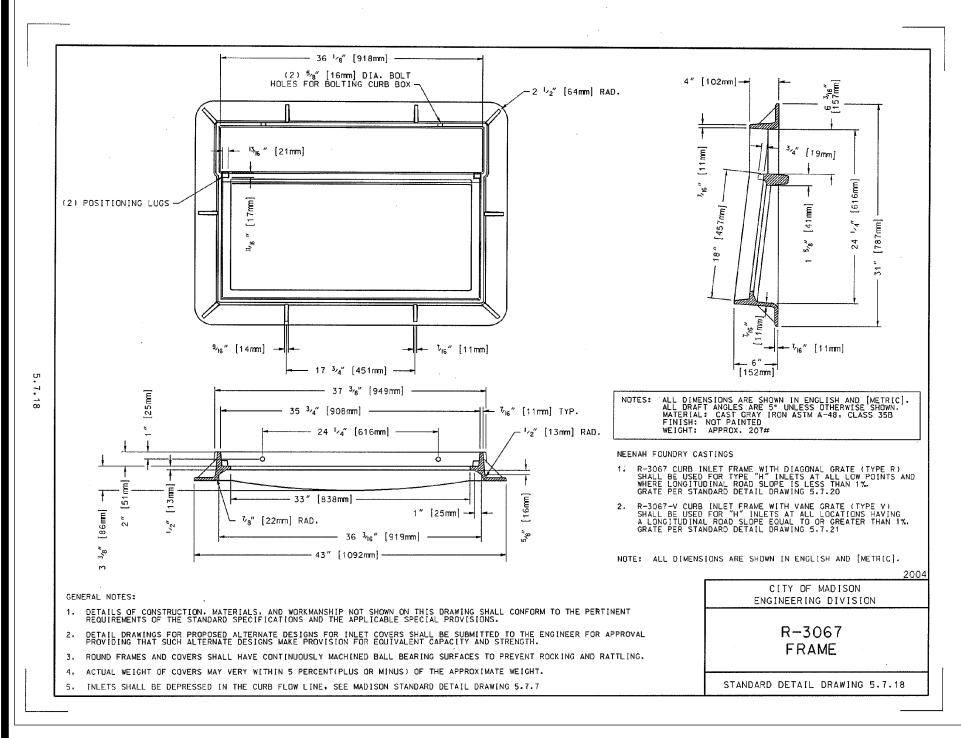


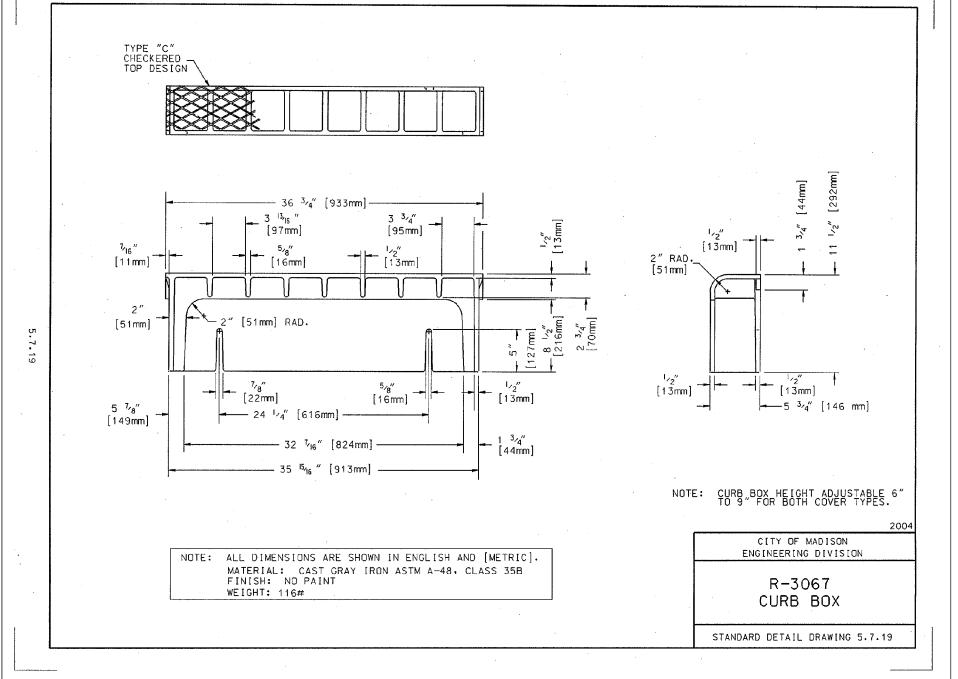
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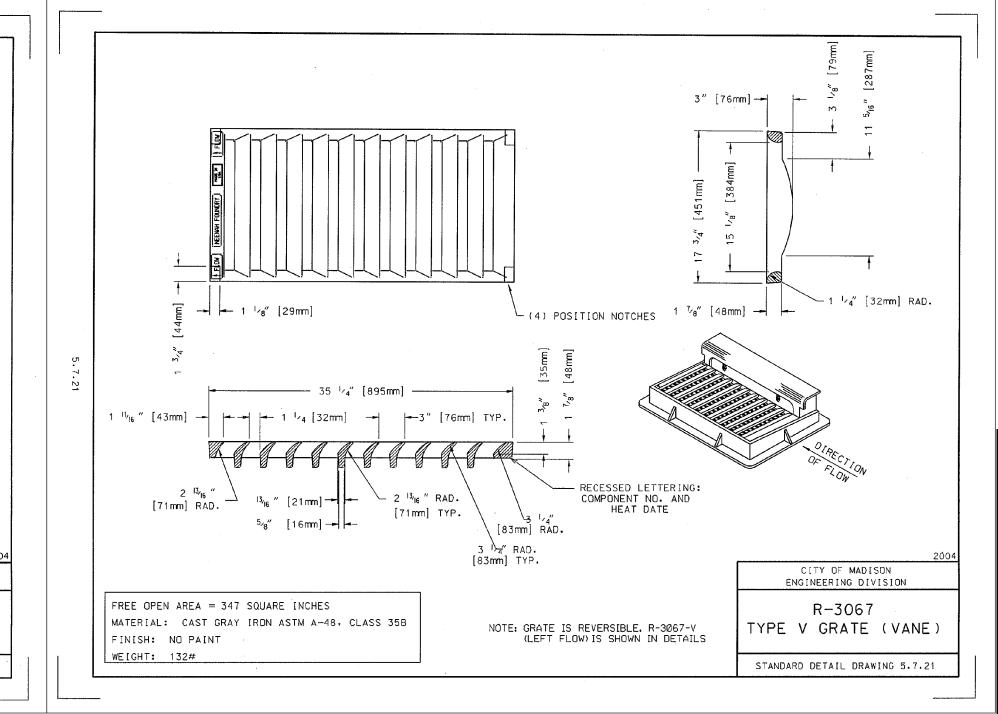
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direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Wisconsin.

Daniel Parks, P.E.

Date: 12/16/09 License No. 36189

Prepared for:



PROPERTY DEVELOPMENT Real Estate Department 1000 Nicollet Mall, TPN—12D Minneapolis, MN 55403

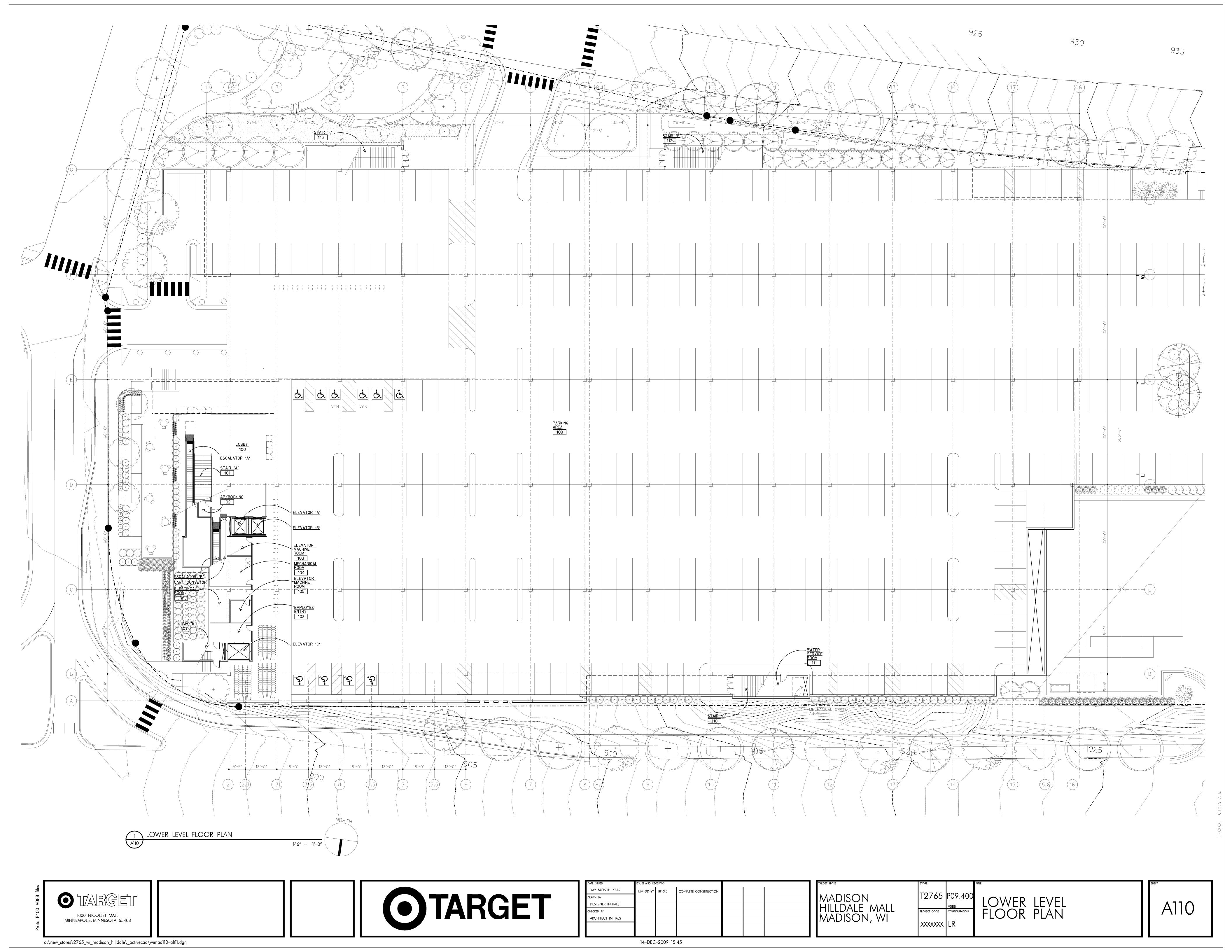
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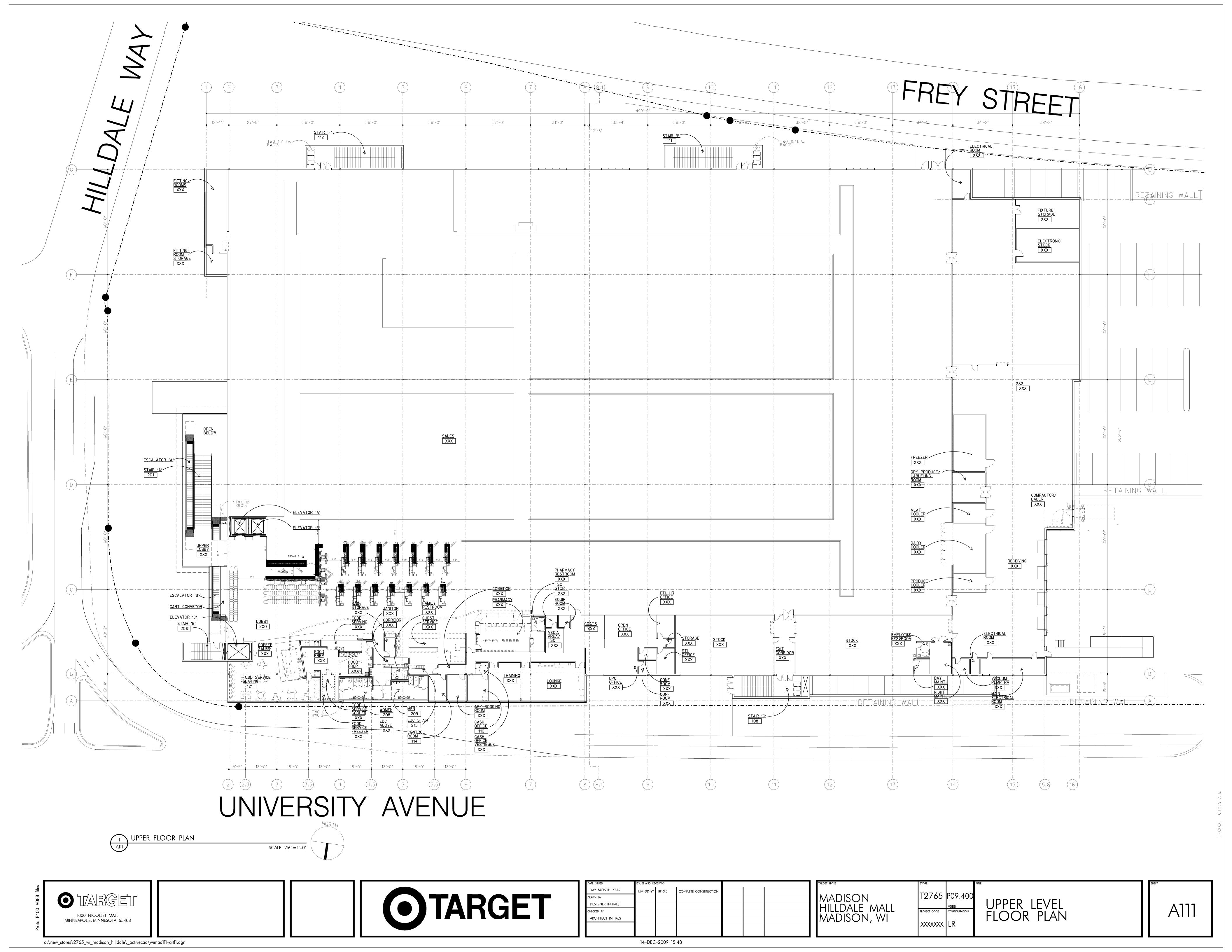
Madison, Wisconsin

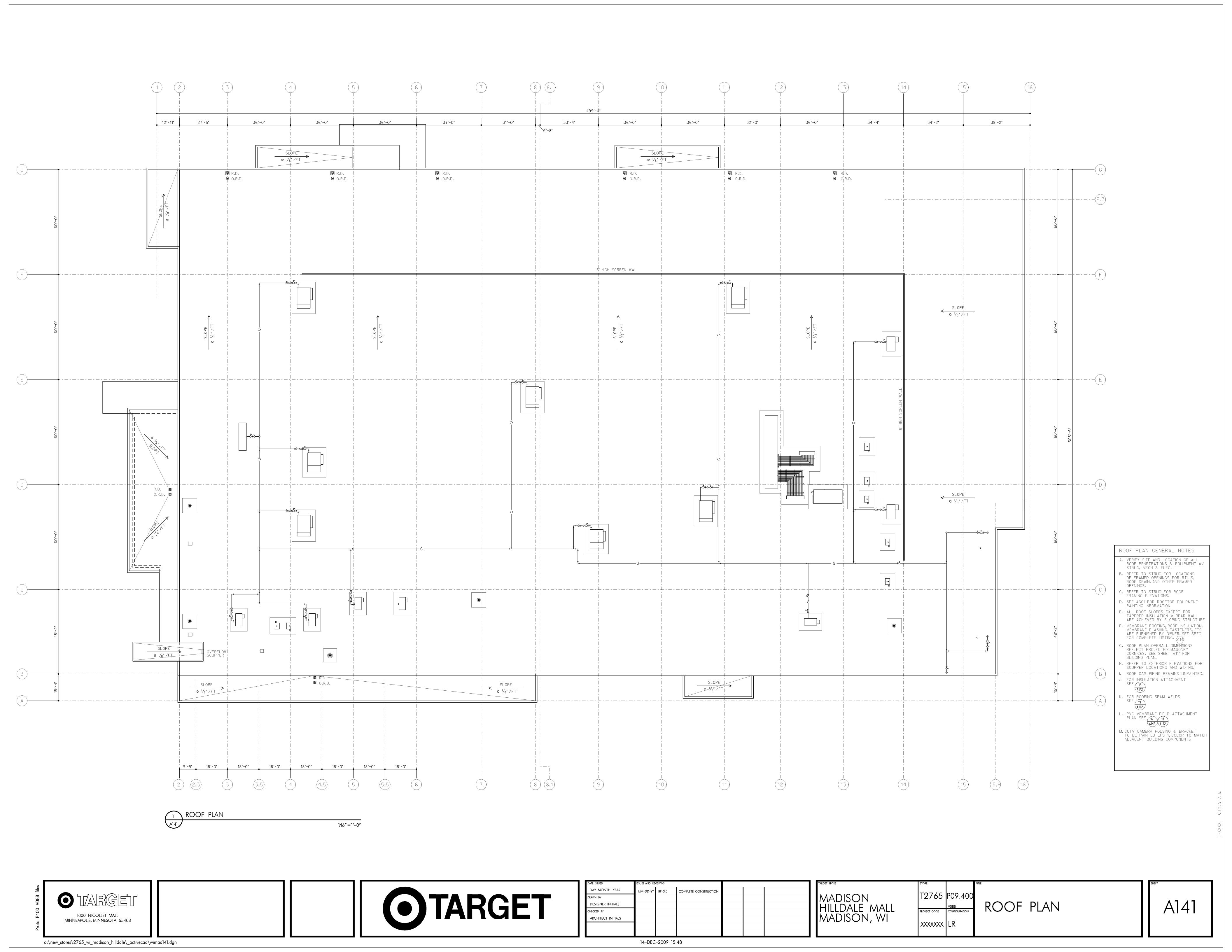
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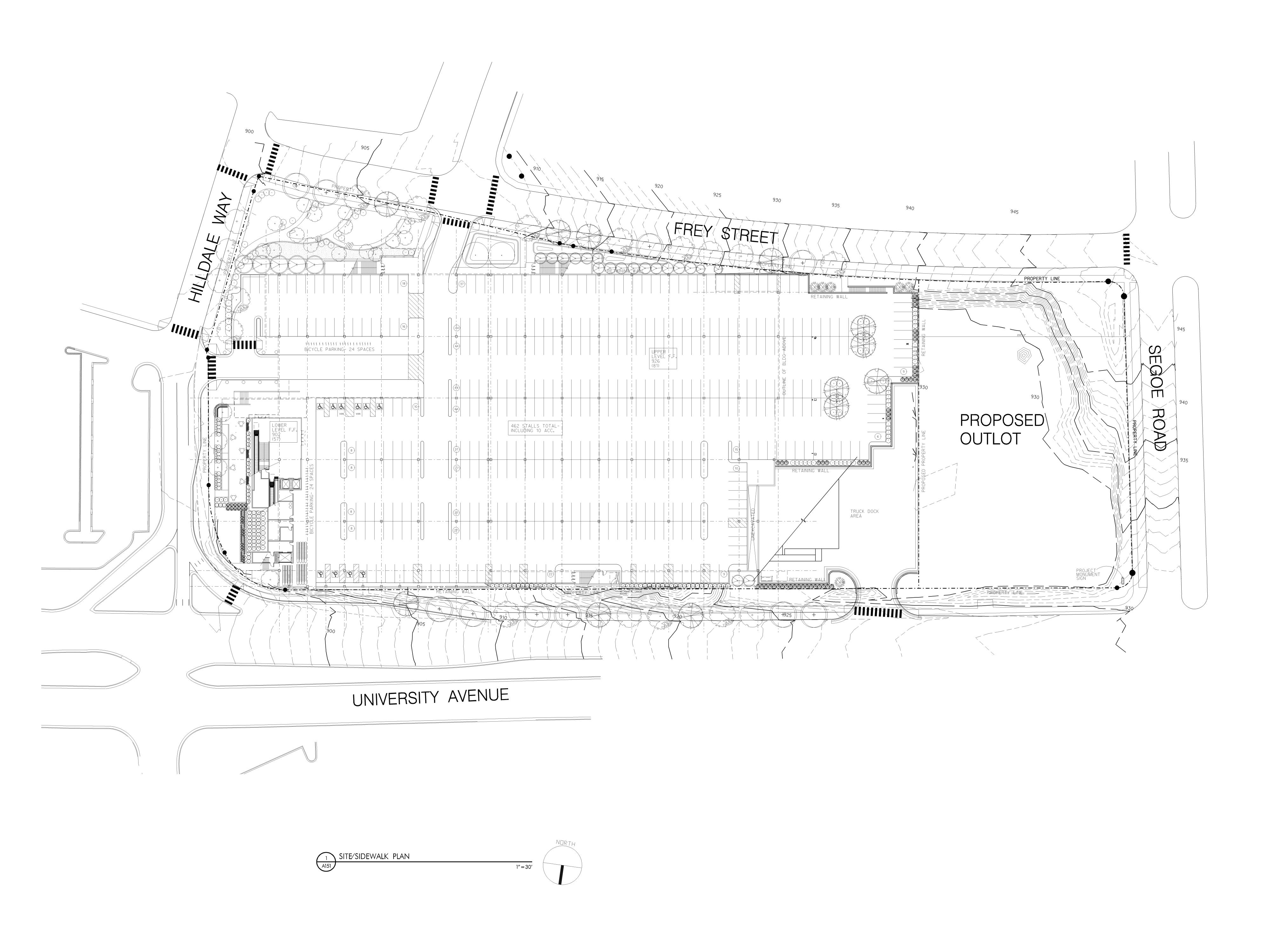
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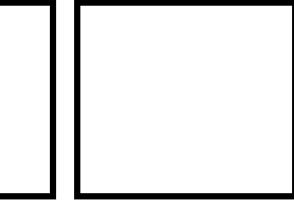
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DATE ISSUED	ISSUES AND REV	VISIONS			
day month year	MM-DD-YY	BP-3.0	COMPLETE CONSTRUCTION		
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designer initials					
CHECKED BY					
ARCHITECT INITIALS					
	14-DEC	<u>–</u> 2009 16:	:12		

MADISON HILLDALE MALL MADISON, WI

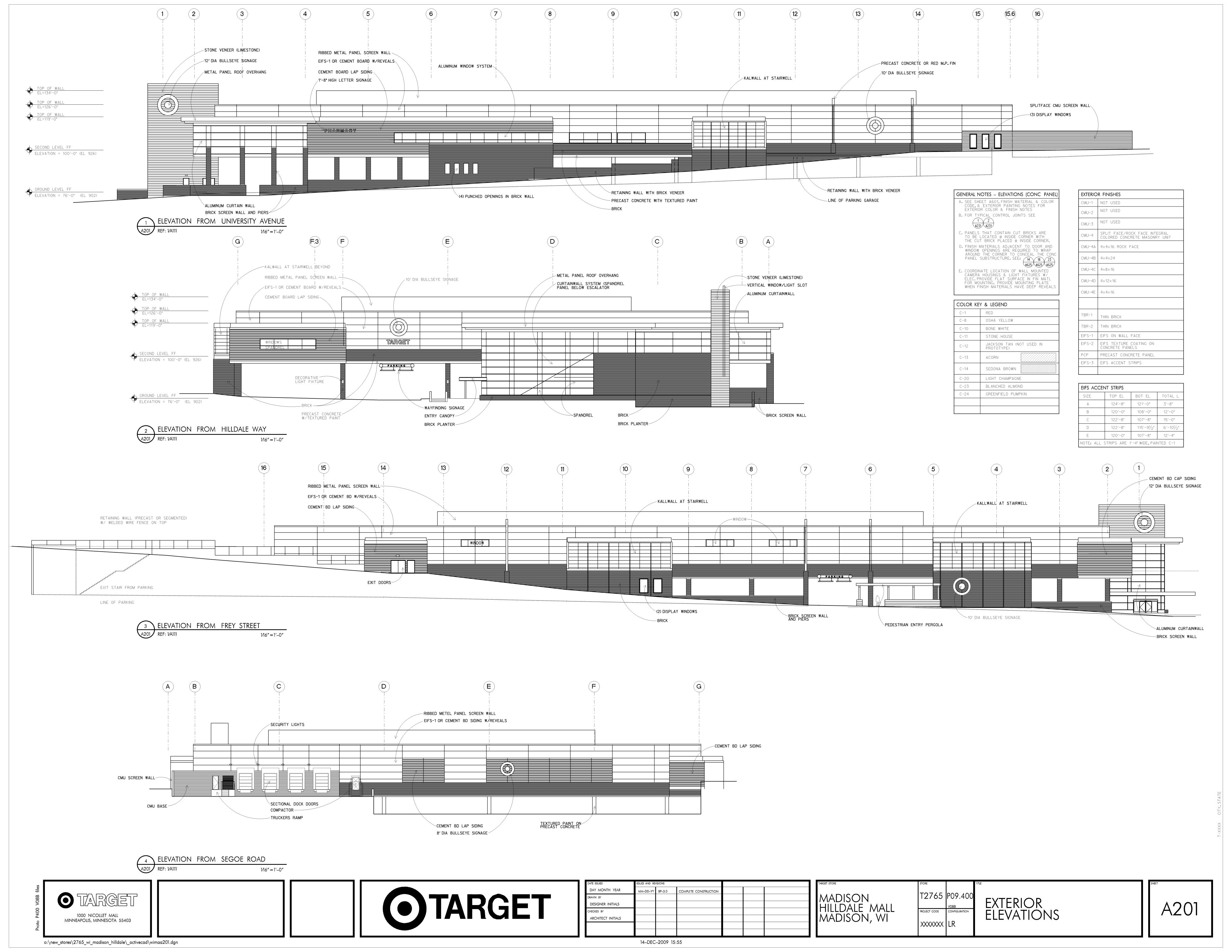
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PROJECT CODE CONFIGURATION

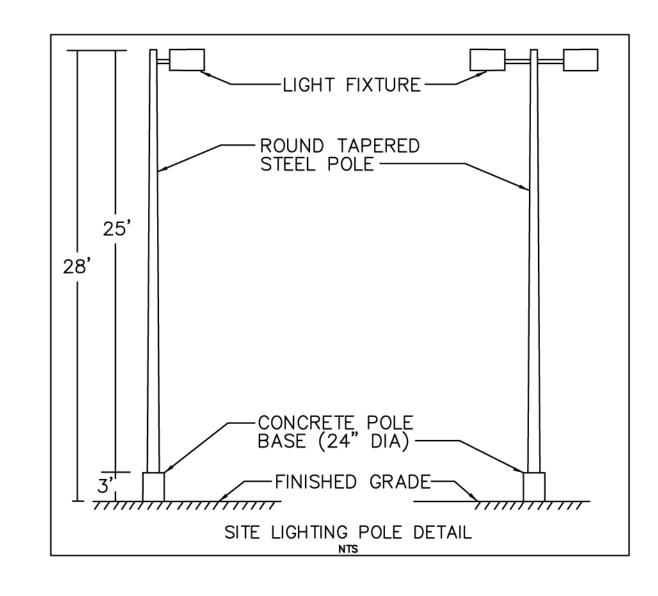
SITE/SIDEWALK PLAN

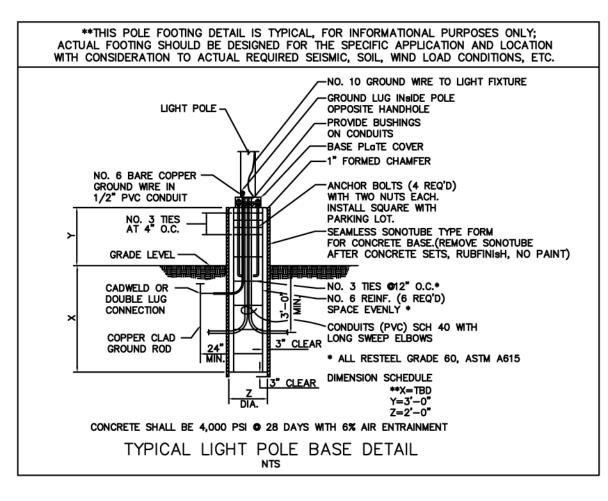
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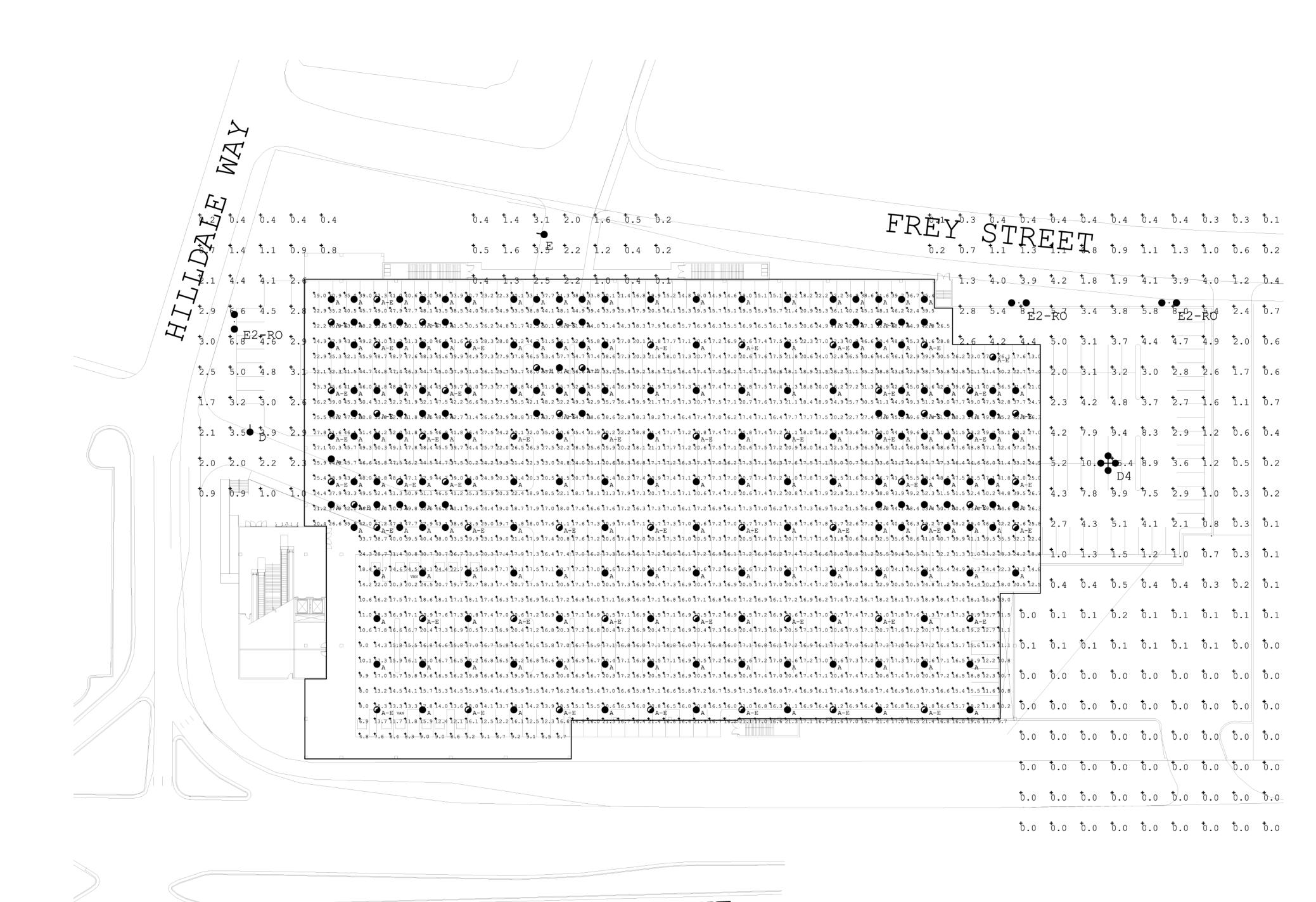
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UNIVERSITY AVENUE

GARAGE PARKING & SITE LIGHTING PHOTOMETRIC PLAN

SCALE: 1" = 40'

Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
North Entrance	50.31	61.4	37.7	1.33	1.63
West Central Entrance	47.16	55.4	25.5	1.85	2.17
West North Entrance	44.42	53.6	22.2	2.00	2.41
West South Entrance	44.70	52.5	24.4	1.83	2.15
East North Entrance	43.45	52.2	26.5	1.64	1.97
East Central Entrance	45.92	54.4	24.7	1.86	2.20
East South Entrance	45.28	53.4	25.8	1.76	2.07
Overall General Parking	23.17	50.3	11.7	1.98	4.30

Luminaire Sch	nedule					
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
	177	A	SINGLE	21000	0.810	Cooper/McGraw Edisin #PSL-2000-MH - Mtd at 11'
	59	A-E	SINGLE	21000	0.810	Cooper/McGraw Edisin #PSL-200-MH-Q - Mtd at 11'
-	1	D	SINGLE	30000	0.810	Cooper/McGraw Edison #CIM-320-MP-XX-4S - Pole #RTS25
•}•	1	D4	4 @ 90 DEGREES	30000	0.810	Cooper/McGraw Edison #CIM-320-MP-XX-4S - Pole #RTS25
-	1	Е	SINGLE	30000	0.810	Cooper/McGraw Edison #CIM-320-MP-XX-4S - Pole #RTS25
-	3	E2-RO	ROTATED OPTICS	30000	0.810	Cooper/McGraw Edison #CIM-320-MP-XX-4S-ROTATED OPTICS - Pole #RTS25

A. Perimeter, type III, fixture optics are to be directed into the site.

TAR	GET SITE LIGI	HTING SCOPE NOTE	S
Fixture Manufacturer: Lamp Type: Lamp Wattage: Lamp Orientation: Fixture Type:	Cooper Pulse Start MH 320W Vertical Shoe Box	Fixture Side Skirts: Pole Material: Mounting Height: Concrete Base: Pole & Fixture Color: All Night Security Lighting:	None Steel 25' Pole + 3' Base 3' High & 24" Dia. To Be Determined Req'd or Not Req'd
(Al		metrics Maintained At Ground Surface)	
Target Entrance (s) Parking Lot	5.0 fc 3.0 fc	Entry Drive (s) Edges of Parking	3.0 fc 2.0 fc

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

This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Acutal performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lampS And other variable field conditionS.

Per Target Developer Guide Edition 2.9:
r er rarget beveloper Guide Luttion 2.5.
After approval by Target,
NO CHANGES OR SUBSTITUTIONS ALLOWED
in fixture manufacturer, lighting type and/or site lighting
, , , , , ,
photometric plan without written authorization by Target.

For Additional Lighting Information and Pricing Contact:

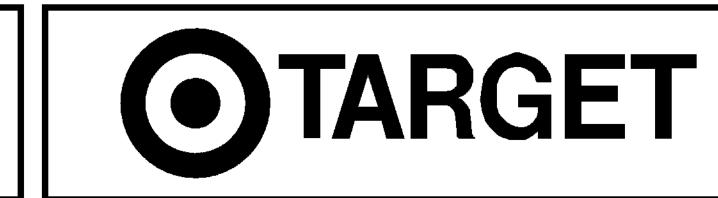
On—Site Lighting & Survey, LLC

PH: 763-684-1548

Project No. 8091130	Design Level: 2		
1170ject No. 8091130	Cap Score: 231		
THIS PLAN CONFORMS TO TARGET DEVELOPER GU	IDE, EDITION 2.9:	Yes	
THIS PLAN CONFORMS TO CITY / COUNTY ORDINA	ANCES:	Yes	

1000 NICOLLET MALL
MINNEAPOLIS, MINNESOTA 55403





DATE ISSUED	ISSUES AND REVISIONS				
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PHOTOMETRIC PLAN

SL1

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