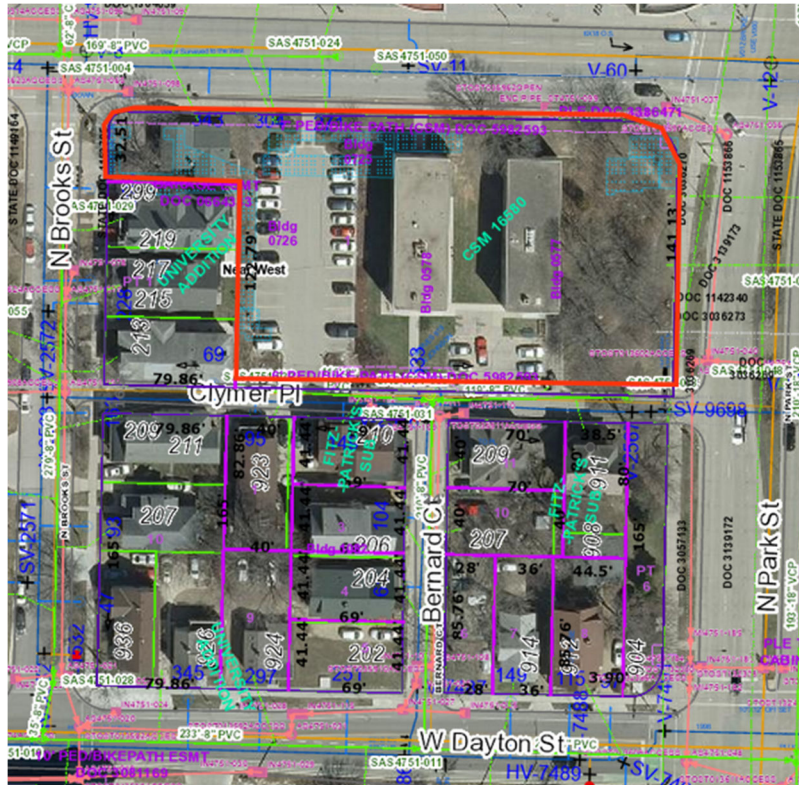


MUNIS 15227

Developer: Board of Regents of the University of Wisconsin System



Maintenance Agreement Items:

- Snow and ice removal;
- Cleaning of dirt and debris;
- Graffiti removal or the correction of other vandalism;
- Repair and maintenance of sidewalks and other pavements or paving materials;
- Repair and replacement of planting areas including concrete curbed planting beds;
- Trimming, pruning and seasonal maintenance of all plant material excluding street trees. Street tree trimming, pruning, and silva cell replacement shall be by the City of Madison;
- Repair and maintenance of drain tile.

1.	FIELD VERIFY SURVEY INFORMATION PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE DFD REPRESENTATIVE.	7.	ANY DEVIATION FROM THE LAYOUT AND DIMENSION SHOWN ON THIS PLAN SHALL REQUIRE APPROVAL BY THE DFD REPRESENTATIVE PRIOR TO PROCEEDING WITH MODIFICATIONS.
2.	CONTACT DIGGER'S HOTLINE TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO STARTING WORK.	8.	SUBMIT CONCRETE CONSTRUCTION JOINT LAYOUT PLAN ACCORDANCE WITH SECTION 32 13 13 - CONCRETE PAVING.
3.	FIELD VERIFY ALL EXISTING SITE CONDITIONS AND UTILITIES PRIOR TO STARTING WORK. ANY DAMAGE CAUSED TO UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.	9.	ALL DISTURBED PAVEMENT AREAS SHALL BE RESTORED WITH RIGID PAVEMENT EITHER TEMPORARILY OR PER THE FINAL PAVEMENT CONDITION AS SHOWN ON THE DRAWINGS. GRAVEL, SOIL, OR OTHER BACKFILL MATERIALS ARE NOT ACCEPTABLE.
4.	PROTECT OR RELOCATE ALL BENCHMARKS. RELOCATED BENCHMARKS TO BE INCLUDED WITH CONTRACT OR AS-BUILTS.	10.	CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE(S). CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREES. THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4616. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
6.	CONTRACTOR IS RESPONSIBLE FOR STAKING SITE FOR HORIZONTAL AND VERTICAL ALIGNMENT.		

11. AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE:
[HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM](https://www.cityofmadison.com/business/pw/specs.cfm)
12. SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WEBSITE: [HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM](https://www.cityofmadison.com/business/pw/specs.cfm)) ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR. THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.

- | |
|---|
| <p>MAINTENANCE AGREEMENT AREA:</p> <ul style="list-style-type: none"> - CONCRETE CURBED PLANTING BEDS - DETAIL 12/804 - SILVA CELLS - DETAIL 1/C800 - UNIT PAVERS - TYPE 1 - DETAIL 2/C800 - UNDERSTORY VEGETATION - SHEETS LA110 & LA111 <p>TREES PER CITY FORESTRY/MAINTAINED BY FORESTRY</p> |
|---|

	8" DEPTH COMPACTED DENSE GRADED BASE	
	UW ASPHALTIC CONCRETE PAVEMENT	3 C804
	UW STANDARD DUTY CONCRETE PAVEMENT	1 C804
	UW HEAVY DUTY CONCRETE PAVEMENT	2 C804
	CITY OF MADISON CONCRETE PAVEMENT	4 C804
	UNIT PAVERS, TYPE 1	1 C801
	CITY R.O.W. PAVERS (NON-PERMEABLE)	1 C801
	UNIT PAVERS, TYPE 2 NON-PERMEABLE	4 C801
	UNIT PAVERS, TYPE 2 PERMEABLE	3 C801
	SALVAGED LIMESTONE PAVERS	SEE SHEET LA100
	MODULAR SOIL VAULTS	1 C800
	CONSTRUCTION LIMITS	
	PROPERTY LINE/R.O.W.	
	TREE PROTECTION FENCING	
	CONSTRUCTION FENCING	
	LIGHT POLES	
	UTILITY INLETS & MANHOLES	

INTERIOR: 26 STALLS
EXTERIOR: 248 STALLS
TOTAL = 274 STALLS

UW SERVICE VEHICLES:
2 STALLS

	Levy Hall		923 Clymer Pl.		209 Bernard Ct. & 911 Clymer Pl.		All Lots Total	
	SF	Acres	SF	Acres	SF	Acres	SF	Acres
Lot Size	47347	1.09	3149	0.07	5352	0.12	55848	1.28
Existing Site Impervious	21258	0.49	2320	0.05	3224	0.08	26802	0.62
Existing Building Coverage	7344	0.17	1360	0.03	2808	0.06	11512	0.26
Proposed Site Impervious	41729	0.96	1629	0.04	1366	0.03	44724	1.03
Proposed Building Coverage	31557	0.72	0	0.00	0	0.00	31557	0.72
Useable Open Space	5618	0.13	1520	0.03	3986	0.09	11124	0.26
Total Disturbed Area							89787	2.06

1 SITE LAYOUT PLAN - OVERALL
SCALE: 1"=20'-0"

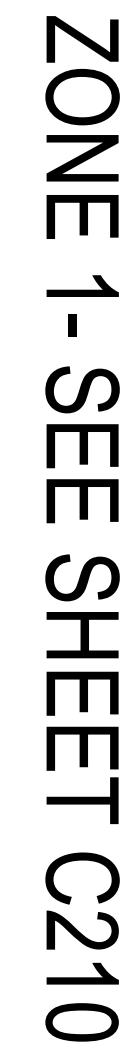
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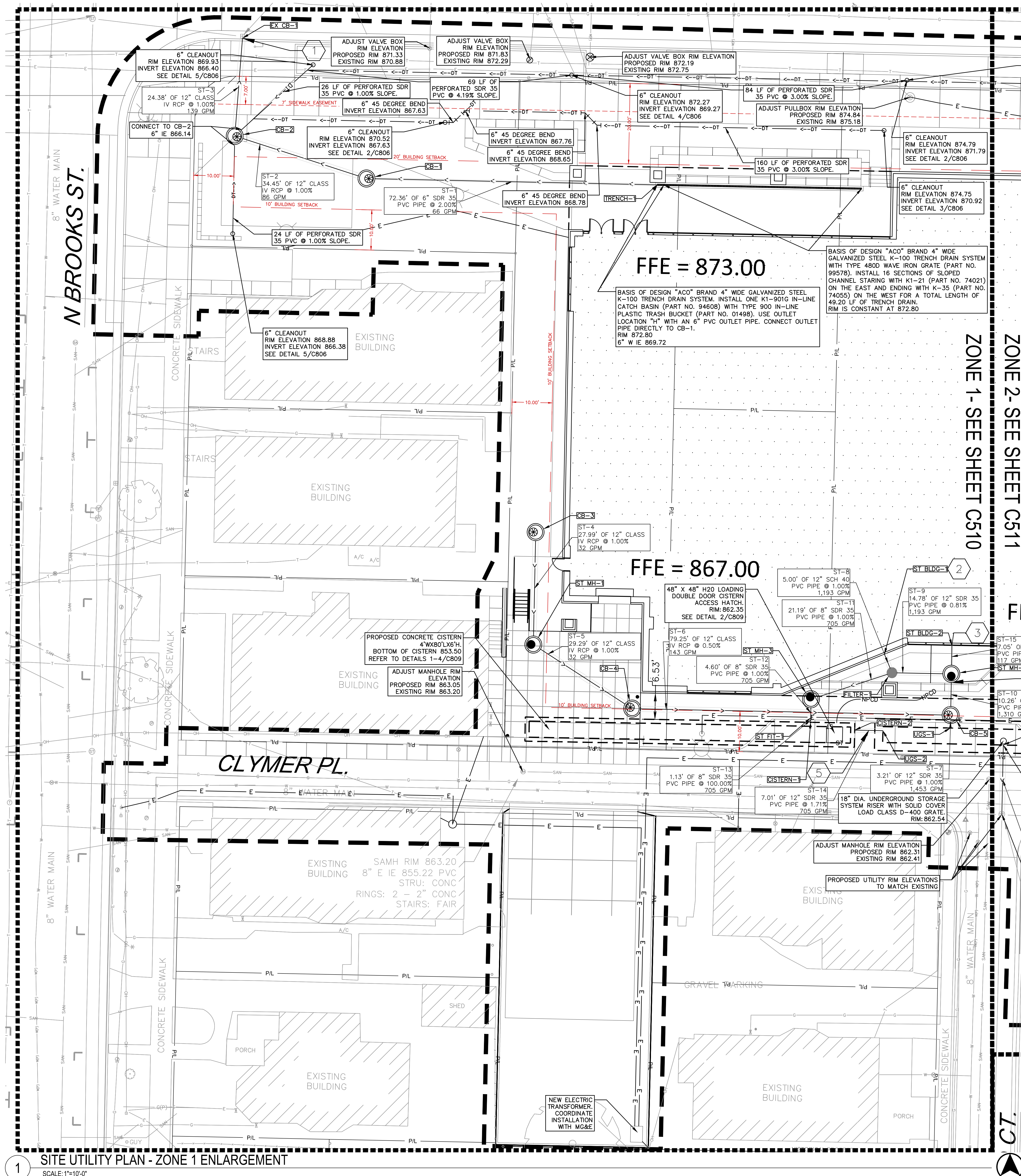
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	UNIT PAVERS, TYPE 1 CITY R.O.W. PAVERS (NON-PERMEABLE)	1 C801
	UNIT PAVERS, TYPE 2 NON-PERMEABLE	4 C801
	UNIT PAVERS, TYPE 2 PERMEABLE	3 C801
	SALVAGED LIMESTONE PAVERS	SEE SHEET LA100
	MODULAR SOIL VAULTS	1 C800
	CONSTRUCTION LIMITS	
	PROPERTY LINE/ROW	
	TREE PROTECTION FENCING	
	CONSTRUCTION FENCING	
	LIGHT POLES	
	UTILITY INLETS & MANHOLES	

1. FIELD VERIFY SURVEY INFORMATION PRIOR TO STARTING CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE DFD REPRESENTATIVE.
2. CONTACT DIGGER'S HOTLINE TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO STARTING WORK.
3. FIELD VERIFY ALL EXISTING SITE CONDITIONS AND UTILITIES PRIOR TO STARTING WORK. ANY DAMAGE CAUSED TO UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
4. PROTECT ALL BENCHMARKS.
5. PROTECT ALL EXISTING PAVEMENTS, CURBS, UTILITIES, AND OTHER IMPROVEMENTS (TO REMAIN) FROM CONSTRUCTION ACTIVITIES. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION RELATED ACTIVITIES TO EXISTING CONDITIONS AT COMPLETION OF WORK UNLESS SHOWN OTHERWISE ON PLANS.
6. CONTRACTOR IS RESPONSIBLE FOR STAKING SITE FOR HORIZONTAL AND VERTICAL ALIGNMENT.
7. ANY DEVIATION FROM THE LAYOUT AND DIMENSION SHOWN ON THIS PLAN SHALL REQUIRE APPROVAL BY THE DFD REPRESENTATIVE PRIOR TO PROCEEDING WITH MODIFICATIONS.
8. SUBMIT CONCRETE CONSTRUCTION JOINT LAYOUT PLAN ACCORDANCE WITH SECTION 32 13 - CONCRETE PAVING.
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10. CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE(S). CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREES. THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
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13. NO LATER THAN FIVE BUSINESS DAYS PRIOR TO FORMING CONCRETE AND CONSTRUCTING TREE GRATE SITES, THE CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO IDENTIFY AND LOCATE UNDERGROUND CONNECTIONS (UTILITIES, VAULTS, CONDUIT) OR OTHER UNDERGROUND OBSTRUCTIONS AND DETERMINE GRATE LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN THE GRATE, MATCHING FRAME AND/OR TREE GUARD. TREE GRATE TYPE AND MATCHING FRAME: NEENAH 4x8 (R-8815-A). TREE GUARD NEENAH (R-8801-4818).

	8" DEPTH COMPACTED DENSE GRADED BASE	
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	UNIT PAVERS, TYPE 1	1 C801
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	UNIT PAVERS, TYPE 2 NON-PERMEABLE	4 C801
	UNIT PAVERS, TYPE 2 PERMEABLE	3 C801
	SALVAGED LIMESTONE PAVERS	SEE SHEET LA10
	MODULAR SOIL VAULTS	1 C800
	CONSTRUCTION LIMITS	
	PROPERTY LINE/ROW	
	TREE PROTECTION FENCING	
	CONSTRUCTION FENCING	
	LIGHT POLES	
	UTILITY INLETS & MANHOLES	



1 SITE LAYOUT PLAN - ZONE 2 ENLARGEMENT
SCALE: 1"=10'-0"



SITE UTILITY PHASING + OUTAGE NOTES

1. ANY REQUIRED OUTAGES AND PLANNED NEW CONNECTIONS SHALL BE COORDINATED A MINIMUM OF 4 WEEKS IN ADVANCE WITH CITY OF MADISON AND UW MADISON UTILITIES.

Scale: 1" = 10'

DIGGERSHOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

- UTILITY NOTES**
- KNOWN UTILITY AND POTENTIAL CONFLICTS EXIST WITH EXISTING UNDERGROUND UTILITIES. PRIOR TO UTILITY INSTALLATION, CONTRACTOR TO EXCAVATE AND EXPOSE EXISTING UTILITIES, VERIFY LOCATIONS AND ELEVATIONS, AND CONTACT ENGINEER IF CONFLICTS EXIST WITH PROPOSED CONSTRUCTION AND EXISTING UNDERGROUND UTILITIES.
- PER PROJECT SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, THE POINT OF COMMENCEMENT FOR THE LAYING OF SEWER PIPE SHALL BE AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. THE PIPE SHALL BE LAID WITH THE BELL END OF THE BELL AND SPIGOT PIPE, OR WITH THE RECEIVING GROOVE END OF THE TONGUE AND GROOVE PIPE, POINTING UPWARD. WHEN A NEW SEWER IS TO BE CONNECTED TO AN EXISTING SEWER NOT TERMINATING IN A MANHOLE, THE CONTRACTOR SHALL UNCOVER THE EXISTING SEWER TO ALLOW ANY ADJUSTMENTS IN LINE AND GRADE TO BE MADE BEFORE PIPE IS LAID.
 - THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
 - GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WORK, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.
 - GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
 - GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
 - FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS.
 - GENERAL CONTRACTOR SHALL MAINTAIN ANY EXISTING DRAINAGE PATTERNS ONCE STRUCTURES ARE REMOVED UNTIL THE PROPOSED STRUCTURES ARE FULLY INSTALLED AND OPERATIONAL.
 - GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR RESTORING ALL AREAS DISTURBED DURING UTILITY INSTALLATIONS TO EXISTING CONDITIONS AT COMPLETION OF INSTALLATION UNLESS OTHERWISE SHOWN ON PLANS. RESTORATION SHALL BE OF AT LEAST EQUAL QUALITY AND/OR WORKMANSHIP TO THAT WHICH WAS DAMAGED UNLESS SPECIFICALLY REQUIRED OTHERWISE BY PLANS OR SPECIFICATIONS. THE COST FOR SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
 - CONTRACTOR SHALL SUBMIT FOR PERMITS TO PLUG EXISTING STORM AND SANITARY SEWER.

KEY INDEX

PROJECT LIMITS
STORM MANHOLE
STORM CATCH BASIN WITH CURB BOX FRAME & GRATE
TEE
WATER MAIN VALVE
45 DEGREE BEND
STORM SEWER
SANITARY SEWER
WATER MAIN
CWS - COLD WATER SUPPLY
CWR - COLD WATER RETURN
NPOD - NON-POTABLE CISTERN PUMP DISCHARGE
DT - 6" DRAIN TILE
HPS - HIGH PRESSURE STEAM
PCR - PUMPED CONDENSATE RETURN
CA - COMPRESSED AIR
E - ELECTRIC LINE. COORDINATE THE EXCAVATION FOR UNDERGROUND ELECTRIC CONDUITS AND LOCATIONS WITH THE ELECTRICAL CONTRACTOR. SEE SHEET E005.
SFG - 3" GAS LINE. COORDINATE THE EXCAVATION FOR UNDERGROUND GAS LATERAL AND LOCATION WITH MOBE. SEE SHEET M005.

7 C805
1 C806

1. SITE UTILITY CONTRACTOR TO CONNECT PROPOSED STORM SEWER TO EXISTING STORM STRUCTURE. CONTRACTOR TO FIELD VERIFY EXACT SIZE, DEPTH, AND LOCATION OF EXISTING STORM STRUCTURE PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF CONFLICTS ARISE.
2. SITE UTILITY CONTRACTOR TO PROVIDE CONTINUATION OF 12" PVC STORM SEWER LATERAL AT THE INSIDE OF THE BUILDING WALL. VERIFY EXACT LOCATION AND INVERT IN FIELD.
3. SITE UTILITY CONTRACTOR TO PROVIDE CONTINUATION OF 4" PVC STORM SEWER LATERAL AT THE INSIDE OF THE BUILDING WALL. VERIFY EXACT LOCATION AND INVERT IN FIELD.
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5. SITE UTILITY CONTRACTOR TO INSTALL BACKFLOW PREVENTER ON ST-14 EAST OF CISTERN-2.
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7. NEW ELECTRIC POLE WITH SALVAGED LIGHT FIXTURE. COORDINATE WITH ELECTRICAL CONTRACTOR. REFER TO E005 ELECTRICAL SITE PLAN FOR MORE INFORMATION.
8. RELOCATED TRAFFIC CONTROL BOX LOCATION.
9. TEMPORARY TRAFFIC CONTROL BOX AND TEMPORARY WOOD POLE WITH OVERHEAD WIRES. LOCATION, TEMPORARY TRAFFIC CONTROL BOX TO REMAIN UNTIL TRAFFIC CONTROL BOX AT PROPOSED LOCATION IS INSTALLED AND OPERATIONAL. INSTALL TYPE 7 HAND HOLE OVER EXISTING TRAFFIC CONTROL BOX LOCATION. CONTRACTOR TO COORDINATE WITH MOBE.

R/S BORA
Consultant:
kapur
400 E. Wisconsin Ave.
Milwaukee, WI 53202
www.kapurinc.com

State of Wisconsin
Department of Administration
Division of Facilities Development

NEW ACADEMIC BUILDING
LEVY HALL
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN

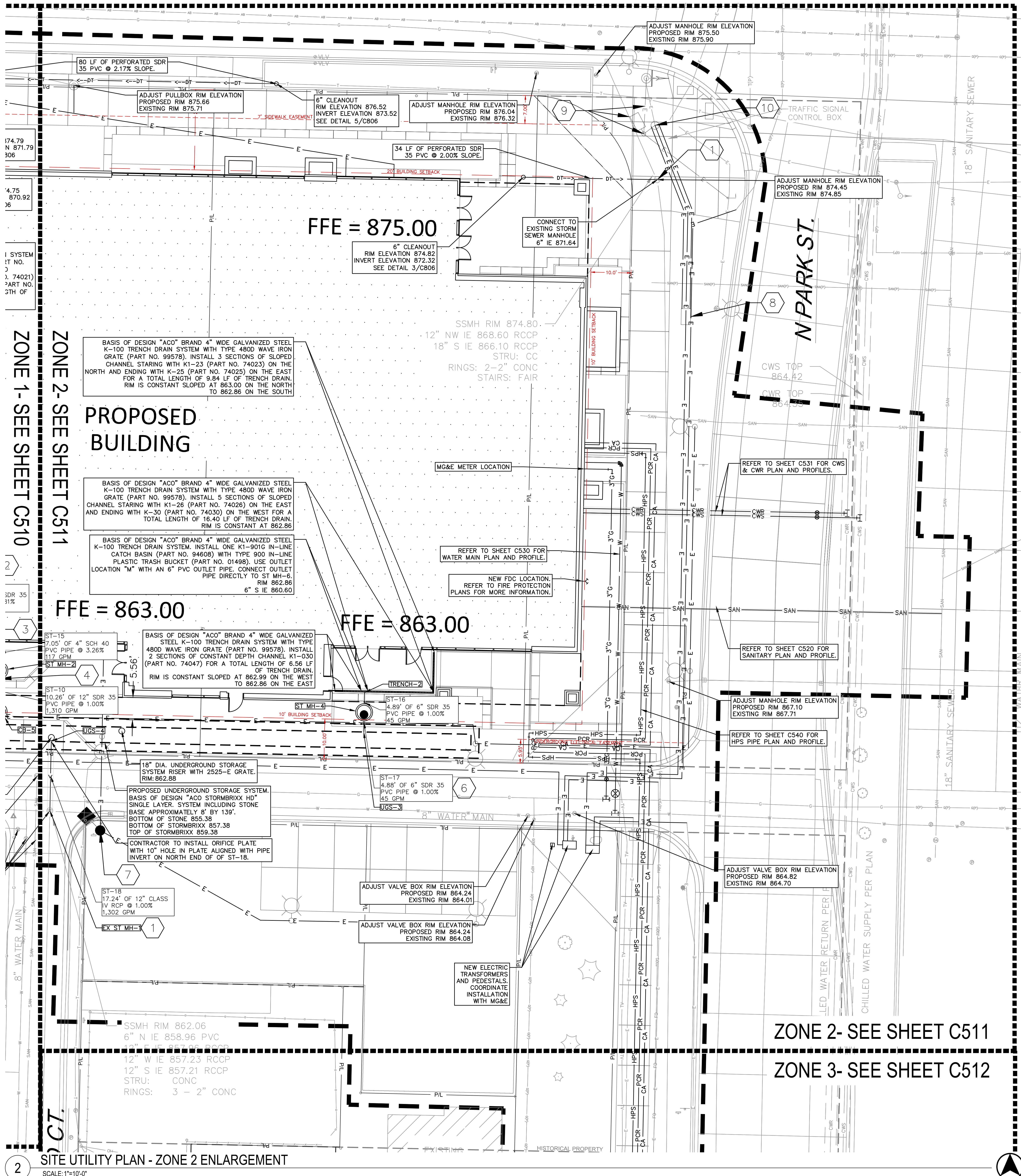
232 N. PARK ST.
MADISON, WI 53715

SITE UTILITY PLAN - ZONE 1 ENLARGEMENT

Revisions:
No. Date Description

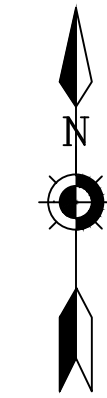
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DFD Number: 20K1G-01
Set Type: LUA
Date Issued: 05/22/2023
Sheet Number: C510



SITE UTILITY PHASING + OUTAGE NOTES

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UTILITY NOTES



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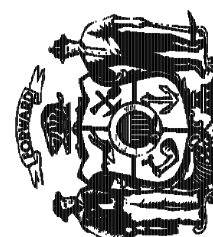
R/S
BORA

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kapur

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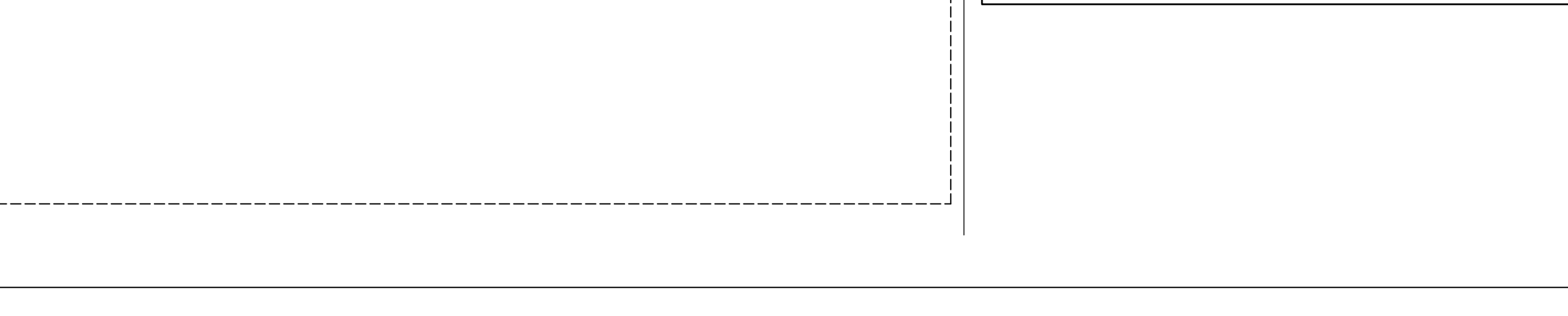
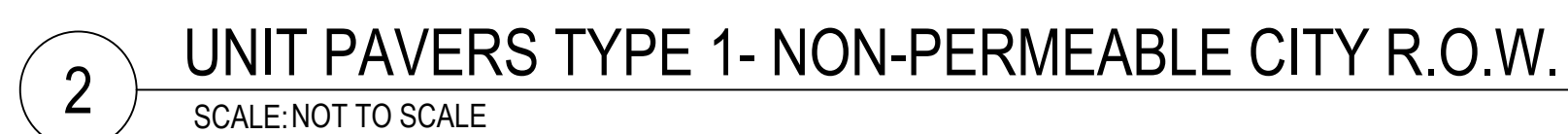
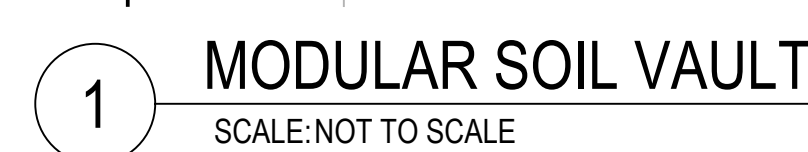
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UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN

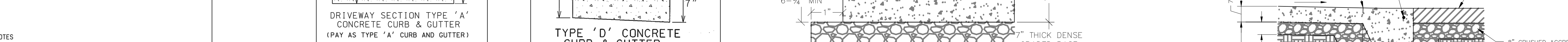
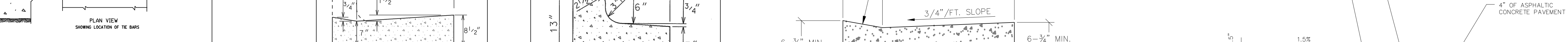
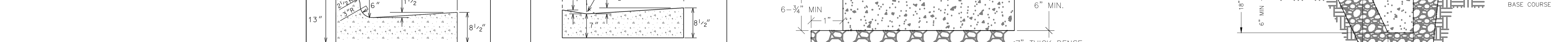
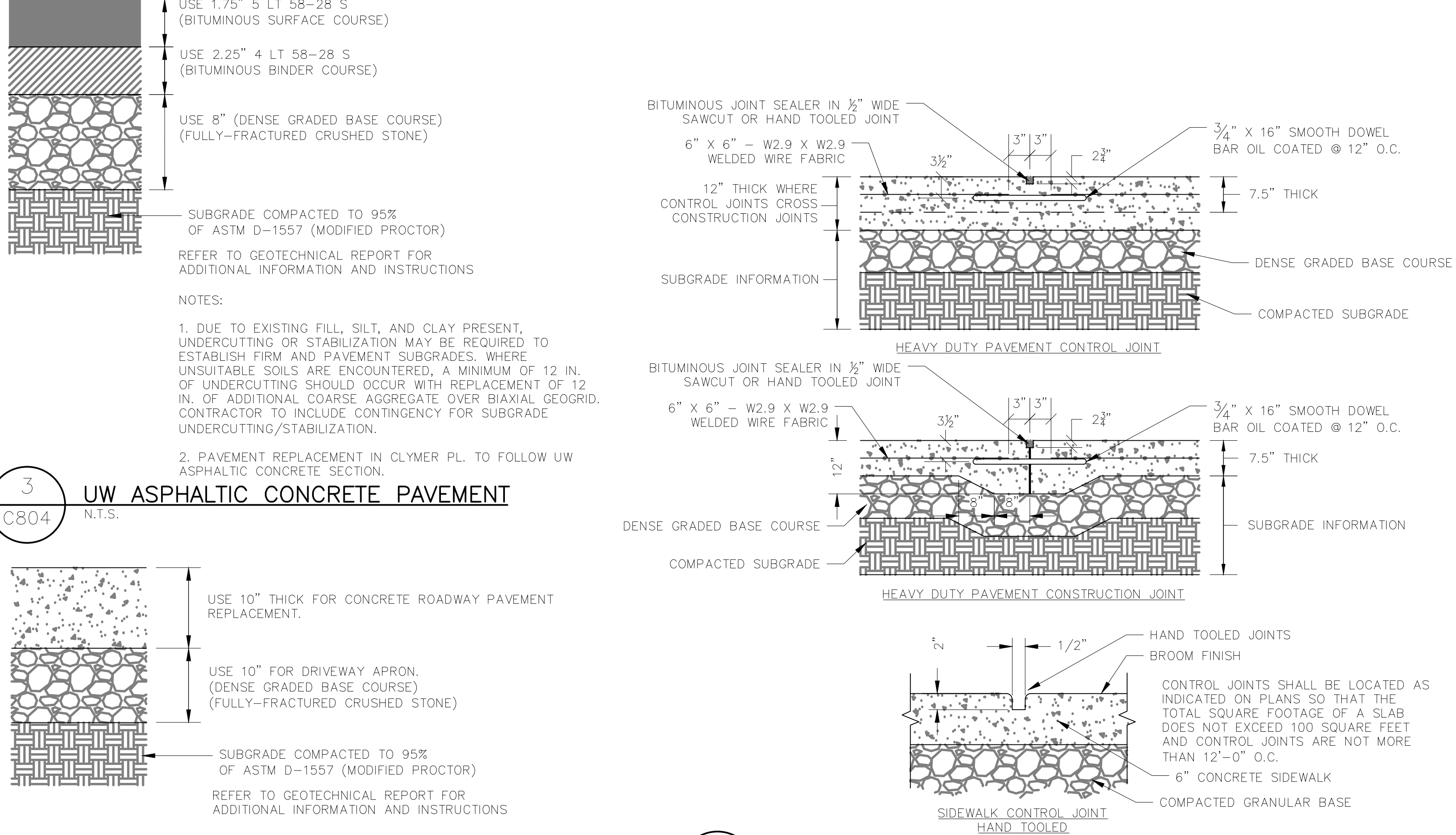
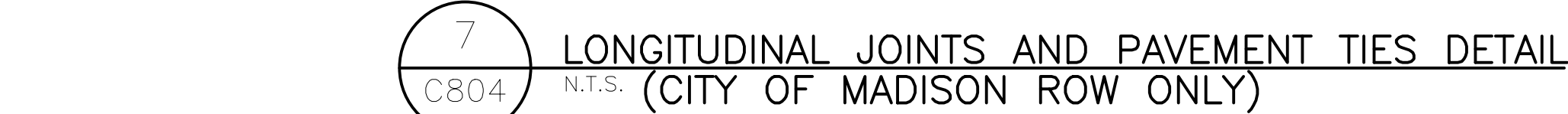
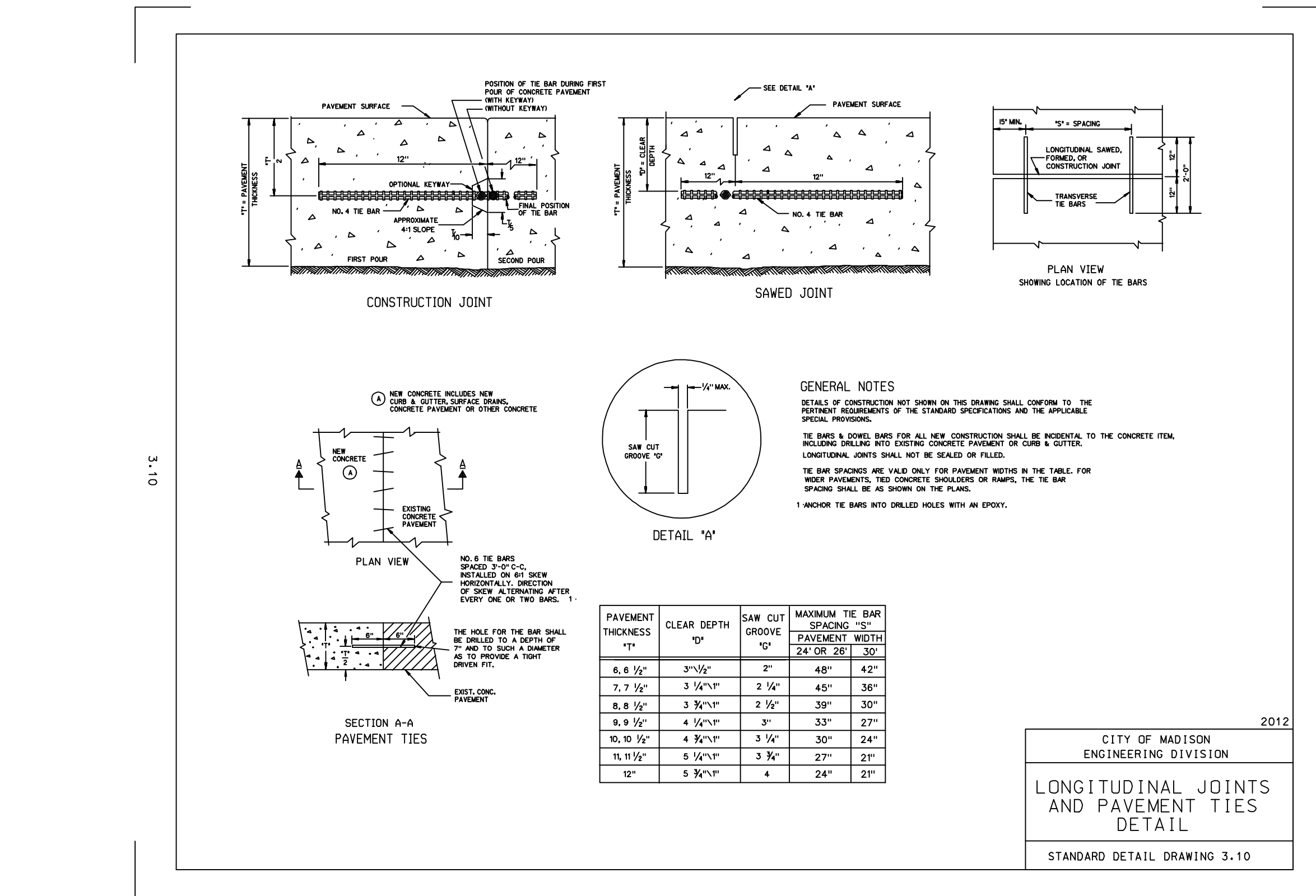
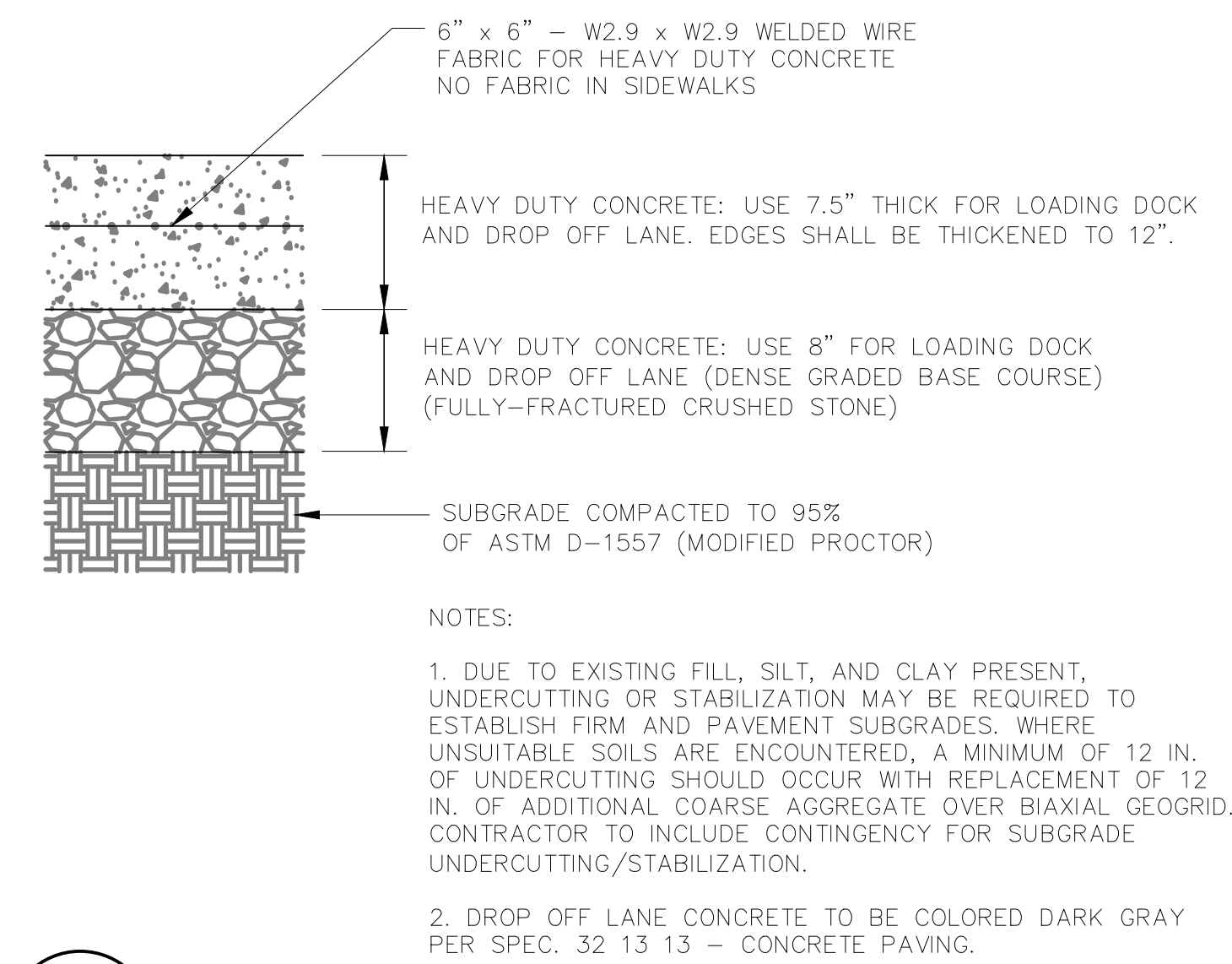
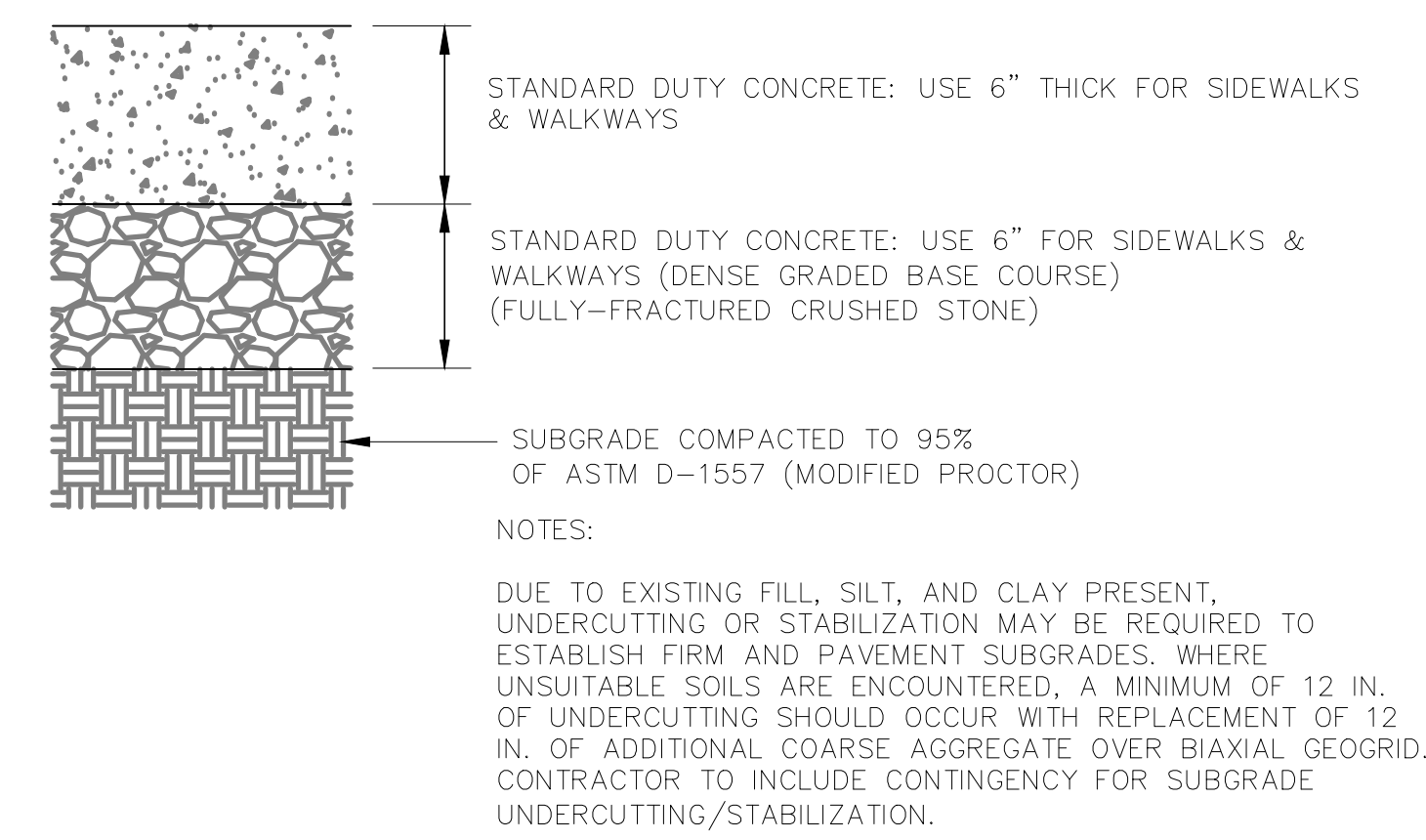
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MADISON, WI 53715

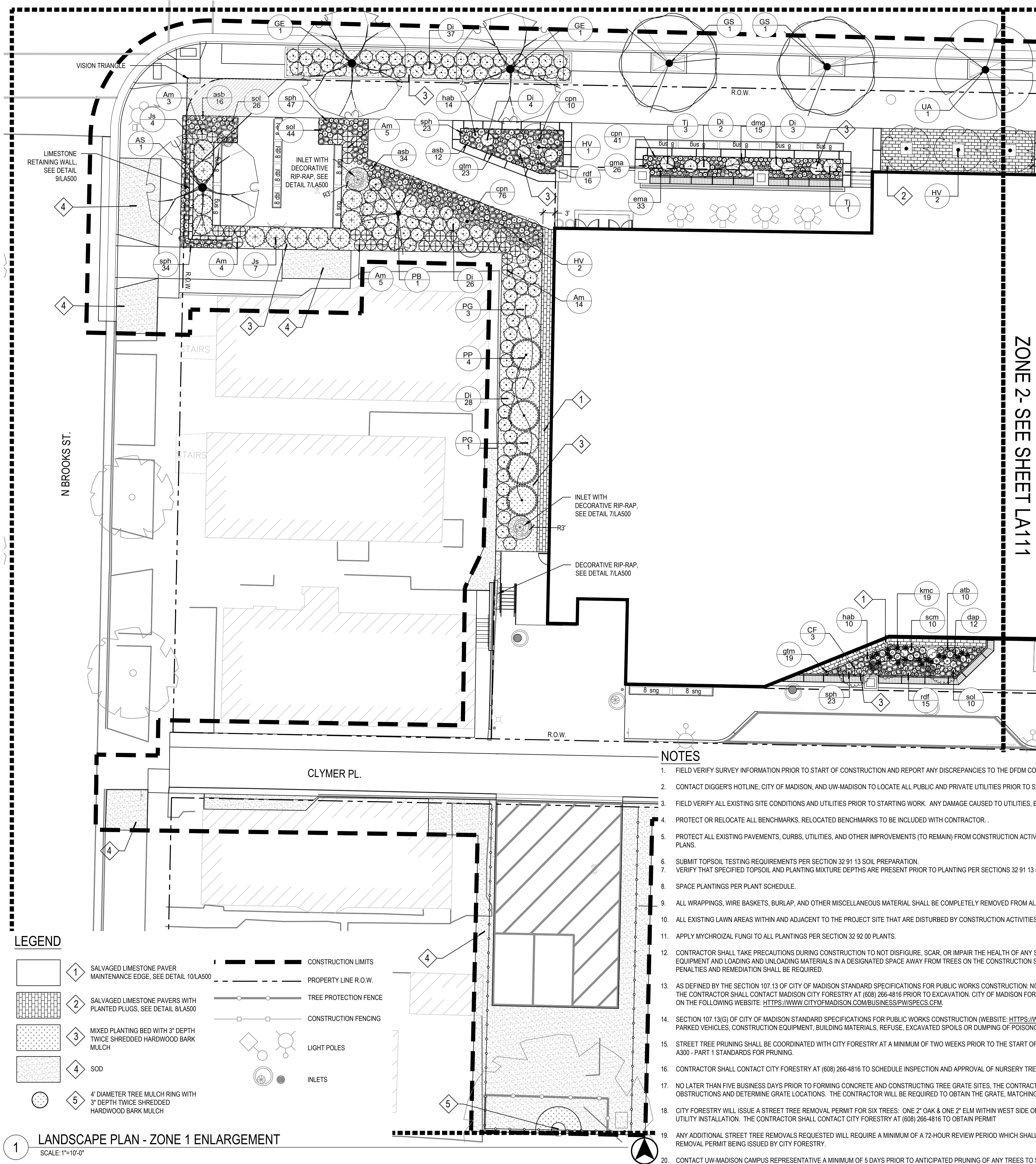
SITE UTILITY PLAN - ZONE 2 ENLARGEMENT

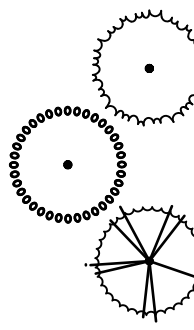
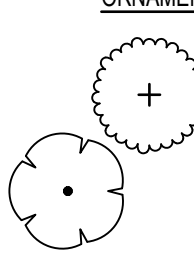
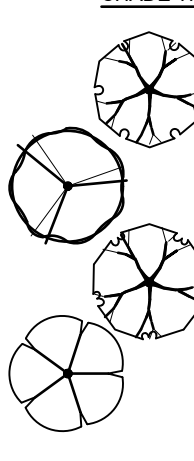
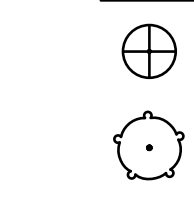
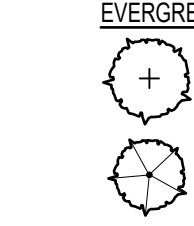
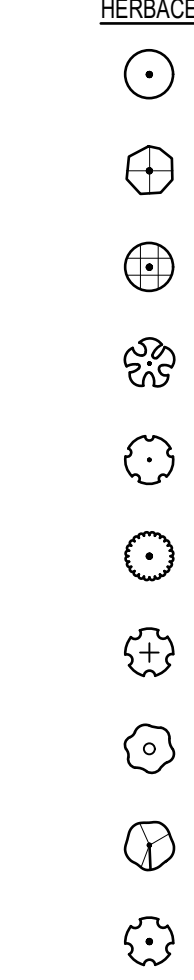
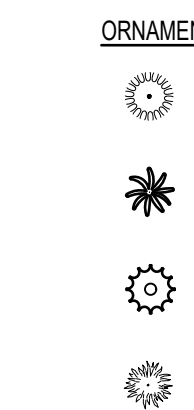
Revisions:		
No.	Date	Description

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Set Type	LUA
Date Issued	05/22/2023
Sheet Number	C511



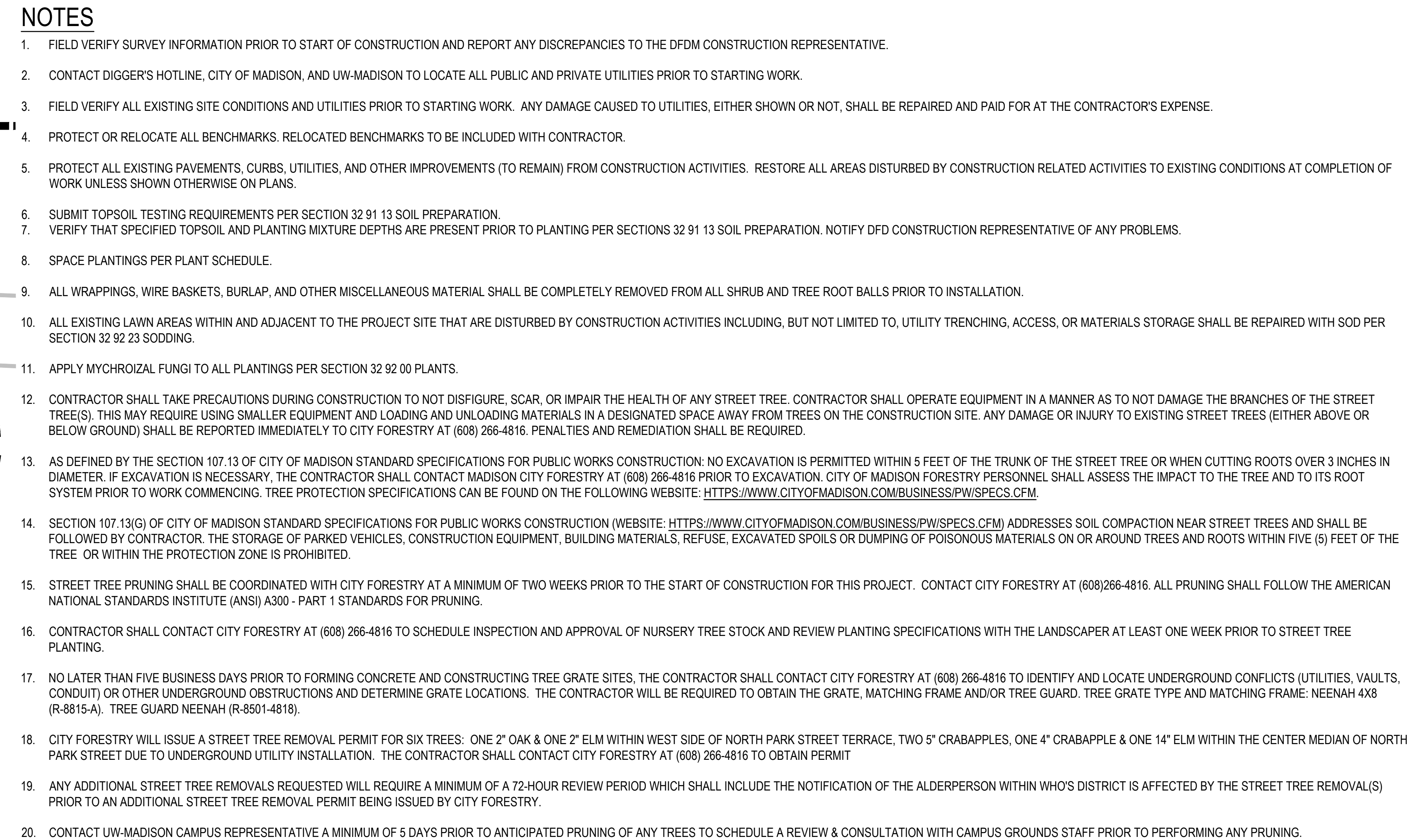


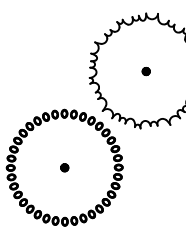
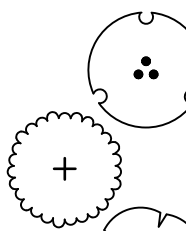
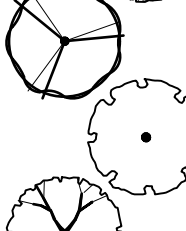
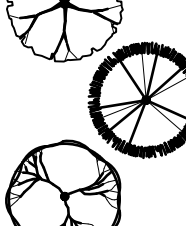
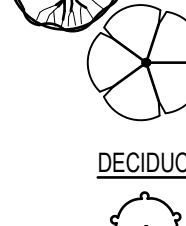
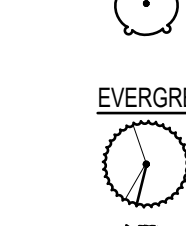
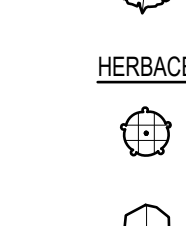
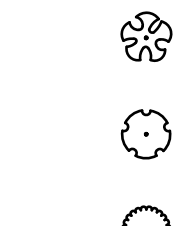
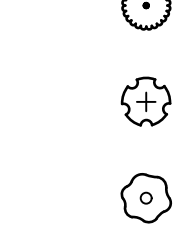
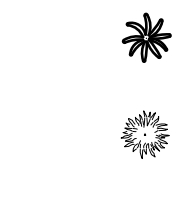


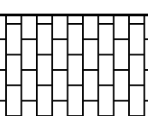
PLANT SCHEDULE						
	<u>EVERGREEN TREES</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>
		PG	Picea glauca 'JN Select' / Midway White Spruce	B&B	6' HT (MIN.)	4
		PP	Picea glauca 'Pendula' / Weeping White Spruce	B&B	6' HT (MIN.)	4
		PB	Pinus strobus / White Pine	B&B	6' HT (MIN.)	1
	<u>ORNAMENTAL TREES</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>
		CF	Carpinus caroliniana 'J.N. Upright' / Firespire Muscadewood	B&B	2" Cal	3
		HV	Hamamelis virginiana / Common Witch Hazel	B&B	2" Cal	5
	<u>SHADE TREES</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>
		AS	Acer saccharum / Sugar Maple	B&B	2" Cal	1
		GS	Gleditsia triacanthos inermis 'Shademaster' TM / Shademaster Honeylocust	B&B	2" Cal	2
		GE	Gymnocladus dioica 'Espresso' / Espresso Coffeetree	B&B	2" Cal	2
		UA	Ulmus americana 'Princeton' / Princeton American Elm	B&B	2" Cal	1
	<u>DECIDUOUS SHRUBS</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>
		Am	Aronia melanocarpa 'UCONAM166' / Low Scape Hedge® Black Chokeberry	5 gal	CONT.	31
		DI	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	CONT.	100
	<u>EVERGREEN SHRUBS</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>
		Js	Juniperus chinensis 'Sea Green' / Sea Green Juniper	5 gal	CONT.	11
		Tj	Tsuga canadensis 'Jeddelloh' / Jeddelloh Eastern Hemlock	5 gal	CONT.	4
	<u>HERBACEOUS PERENNIALS</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>
		asb	Allium tanguticum 'Summer Beauty' / Summer Beauty Allium	1 gal	CONT.	62
		atb	Asclepias tuberosa / Butterfly Milkweed	1 gal	CONT.	10
		dap	Dalea purpurea / Purple Prairie Clover	1 gal	CONT.	12
		dmg	Dryopteris marginalis / Marginal Shield Fern	1 gal	CONT.	15
		ema	Eurybia macrophylla / Bigleaf Aster	1 gal	CONT.	33
		gma	Geranium maculatum / Spotted Geranium	1 gal	CONT.	26
		gtm	Geum triflorum / Prairie Smoke	1 gal	CONT.	42
		halb	Heuchera macrozantha 'Autumn Bride' / Autumn Bride Coral Bells	1 gal	CONT.	24
		rdf	Rudbeckia fulgida 'Blow' / Viette's Little Suzy Coneflower	1 gal	CONT.	31
		sol	Symphyotrichum olerantense / Sky Blue Aster	1 gal	CONT.	80
	<u>ORNAMENTAL GRASSES</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>
		cpn	Carex pensylvanica / Pennsylvania Sedge	1 gal	CONT.	127
		kmc	Koeleria macrantha / Prairie Junegrass	1 gal	CONT.	19
		scm	Schizachyrium scoparium / Little Bluestem	1 gal	CONT.	10
		sph	Sporobolus heterolepis / Prairie Dropseed	1 gal	CONT.	127

- ## NOTES
1. FIELD VERIFY SURVEY INFORMATION PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE DFDM CONSTRUCTION REPRESENTATIVE.
 2. CONTACT DIGGER'S HOTLINE, CITY OF MADISON, AND UW-MADISON TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO STARTING WORK.
 3. FIELD VERIFY ALL EXISTING SITE CONDITIONS AND UTILITIES PRIOR TO STARTING WORK. ANY DAMAGE CAUSED TO UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
 4. PROTECT OR RELOCATE ALL BENCHMARKS. RELOCATED BENCHMARKS TO BE INCLUDED WITH CONTRACTOR. .
 5. PROTECT ALL EXISTING PAVEMENTS, CURBS, UTILITIES, AND OTHER IMPROVEMENTS (TO REMAIN) FROM CONSTRUCTION ACTIVITIES. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION RELATED ACTIVITIES TO EXISTING CONDITIONS AT COMPLETION OF WORK UNLESS SHOWN OTHERWISE ON PLANS.
 6. SUBMIT TOPSOIL TESTING REQUIREMENTS PER SECTION 32 91 13 SOIL PREPARATION.
 7. VERIFY THAT SPECIFIED TOPSOIL AND PLANTING MIXTURE DEPTHS ARE PRESENT PRIOR TO PLANTING PER SECTIONS 32 91 13 SOIL PREPARATION. NOTIFY DFD CONSTRUCTION REPRESENTATIVE OF ANY PROBLEMS.
 8. SPACE PLANTINGS PER PLANT SCHEDULE.
 9. ALL WRAPPINGS, WIRE BASKETS, BURLAP, AND OTHER MISCELLANEOUS MATERIAL SHALL BE COMPLETELY REMOVED FROM ALL SHRUB AND TREE ROOT BALLS PRIOR TO INSTALLATION.
 10. ALL EXISTING LAWN AREAS WITHIN AND ADJACENT TO THE PROJECT SITE THAT ARE DISTURBED BY CONSTRUCTION ACTIVITIES INCLUDING, BUT NOT LIMITED TO, UTILITY TRENCHING, ACCESS, OR MATERIALS STORAGE SHALL BE REPAIRED WITH SOD PER SECTION 32 92 23 SODDING.
 11. APPLY MYCHORIZAL FUNGI TO ALL PLANTINGS PER SECTION 32 92 00 PLANTS.
 12. CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT (608) 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
 13. AS DEFINED BY THE SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: [HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM](https://www.cityofmadison.com/BUSINESS/PW/SPECS.CFM).
 14. SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WEBSITE: [HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM](https://www.cityofmadison.com/BUSINESS/PW/SPECS.CFM)) ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR. THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.
 15. STREET TREE PRUNING SHALL BE COORDINATED WITH CITY FORESTRY AT A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT. CONTACT CITY FORESTRY AT (608)266-4816. ALL PRUNING SHALL FOLLOW THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 - PART 1 STANDARDS FOR PRUNING.
 16. CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY TREE STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING.
 17. NO LATER THAN FIVE BUSINESS DAYS PRIOR TO FORMING CONCRETE AND CONSTRUCTING TREE GRATE SITES, THE CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO IDENTIFY AND LOCATE UNDERGROUND CONFLICTS (UTILITIES, VAULTS, CONDUIT) OR OTHER UNDERGROUND OBSTRUCTIONS AND DETERMINE GRATE LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN THE GRATE, MATCHING FRAME AND/OR TREE GUARD. TREE GRATE TYPE AND MATCHING FRAME: NEENAH 4X8 (R-8815-A). TREE GUARD NEENAH (R-8501-4818).
 18. CITY FORESTRY WILL ISSUE A STREET TREE REMOVAL PERMIT FOR SIX TREES: ONE 2" OAK & ONE 2" ELM WITHIN WEST SIDE OF NORTH PARK STREET TERRACE, TWO 5" CRABAPPLES, ONE 4" CRABAPPLE & ONE 14" ELM WITHIN THE CENTER MEDIAN OF NORTH PARK STREET DUE TO UNDERGROUND UTILITY INSTALLATION. THE CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO OBTAIN PERMIT
 19. ANY ADDITIONAL STREET TREE REMOVALS REQUESTED WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO AN ADDITIONAL STREET TREE REMOVAL PERMIT BEING ISSUED BY CITY FORESTRY.
 20. CONTACT UW-MADISON CAMPUS REPRESENTATIVE A MINIMUM OF 5 DAYS PRIOR TO ANTICIPATED PRUNING OF ANY TREES TO SCHEDULE A REVIEW & CONSULTATION WITH CAMPUS GROUNDS STAFF PRIOR TO PERFORMING ANY PRUNING.

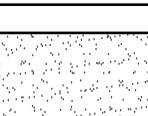
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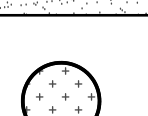


EVERGREEN TREES	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	PG	<i>Picea glauca</i> 'N Select' / Midway White Spruce	B&B	6' HT (MIN.)	7
	PP	<i>Picea glauca</i> 'Pendula' / Weeping White Spruce	B&B	6' HT (MIN.)	4
ORNAMENTAL TREES	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	AR	<i>Amelanchier x grandiflora</i> 'Robin Hill' / Robin Hill Serviceberry	B&B	6' HT (MIN.) UPRIGHT MULTI-STEM	1
	CF	<i>Carpinus caroliniana</i> 'J.N. Upright' / Firespire Muscadewood	B&B	2" Cal	3
	HV	<i>Hamamelis virginiana</i> / Common Witch Hazel	B&B	2" Cal	1
SHADE TREES	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	CS	<i>Catalpa speciosa</i> / Northern Catalpa	B&B	2" Cal	1
	GS	<i>Gleditsia triacanthos</i> 'inermis' 'Shademaster' TM / Shademaster Honeylocust	B&B	2" Cal	1
	PT	<i>Populus tremuloides</i> / Quaking Aspen	B&B	2" Cal	6
	QR	<i>Quercus muehlenbergii</i> / Chinkapin Oak	B&B	2" Cal	2
	TD	<i>Taxodium distichum</i> / Bald Cypress	B&B	2" Cal	2
	UN	<i>Ulmus americana</i> 'New Harmony' / New Harmony American Elm	B&B	2" Cal	1
	UA	<i>Ulmus americana</i> 'Princeton' / Princeton American Elm	B&B	2" Cal	1
DECIDUOUS SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	DI	<i>Diervilla lonicera</i> / Dwarf Bush Honeyuckle	3 gal.	CONT.	53
EVERGREEN SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	Jp	<i>Juniperus chinensis</i> 'Pfitzeriana Kalley' / Kalays Compact Pfitzer Juniper	5 gal.	CONT.	13
	TJ	<i>Tsuga canadensis</i> 'Jeddesh' / Jeddesh Eastern Hemlock	5 gal.	CONT.	7
HERBACEOUS PERENNIALS	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	abi	<i>Amsonia tabernaemontana</i> 'Blue Ice' / Blue Ice Blue Star	1 gal.	CONT.	71
	atb	<i>Asclepias tuberosa</i> / Butterfly Milkweed	1 gal.	CONT.	10
	dmg	<i>Dryopteris marginalis</i> / Marginal Shield Fern	1 gal.	CONT.	33
	ema	<i>Eurybia macrophylla</i> / Bigleaf Aster	1 gal.	CONT.	65
	gma	<i>Geranium maculatum</i> / Spotted Geranium	1 gal.	CONT.	93
	gfm	<i>Geum triflorum</i> / Prairie Smoke	1 gal.	CONT.	13
	hab	<i>Heuchera macrobriza</i> 'Autumn Bids' / Autumn Bids Coral Bells	1 gal.	CONT.	36
	rdf	<i>Rudbeckia fulgida</i> 'Blov' / Vette's Little Suzy Coneflower	1 gal.	CONT.	11
ORNAMENTAL GRASSES	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	cpn	<i>Carex pensylvanica</i> / Pennsylvania Sedge	1 gal.	CONT.	219
	kmc	<i>Koeleria macrantha</i> / Prairie Junegrass	1 gal.	CONT.	7
	sph	<i>Sporobolus heterolepis</i> / Prairie Dropseed	1 gal.	CONT.	

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1 SALVAGED LIMESTONE PAVER
MAINTENANCE EDGE, SEE DETAIL 10/LA500
- 

2 SALVAGED LIMESTONE PAVERS WITH
PLANTED PLUGS, SEE DETAIL 8/LA500
- 

3 MIXED PLANTING BED WITH 3" DEPTH
SHREDDED HARDWOOD BARK
MULCH
- 

4 SOD
- 

5 4' DIAMETER TREE MULCH RING WITH
3" DEPTH TWICE SHREDDED
HARDWOOD BARK MULCH

 CONSTRUCTION LIMITS

 PROPERTY LINE R.O.W.

 TREE PROTECTION FENCE

 CONSTRUCTION FENCING

 LIGHT POLES

 INLETS