

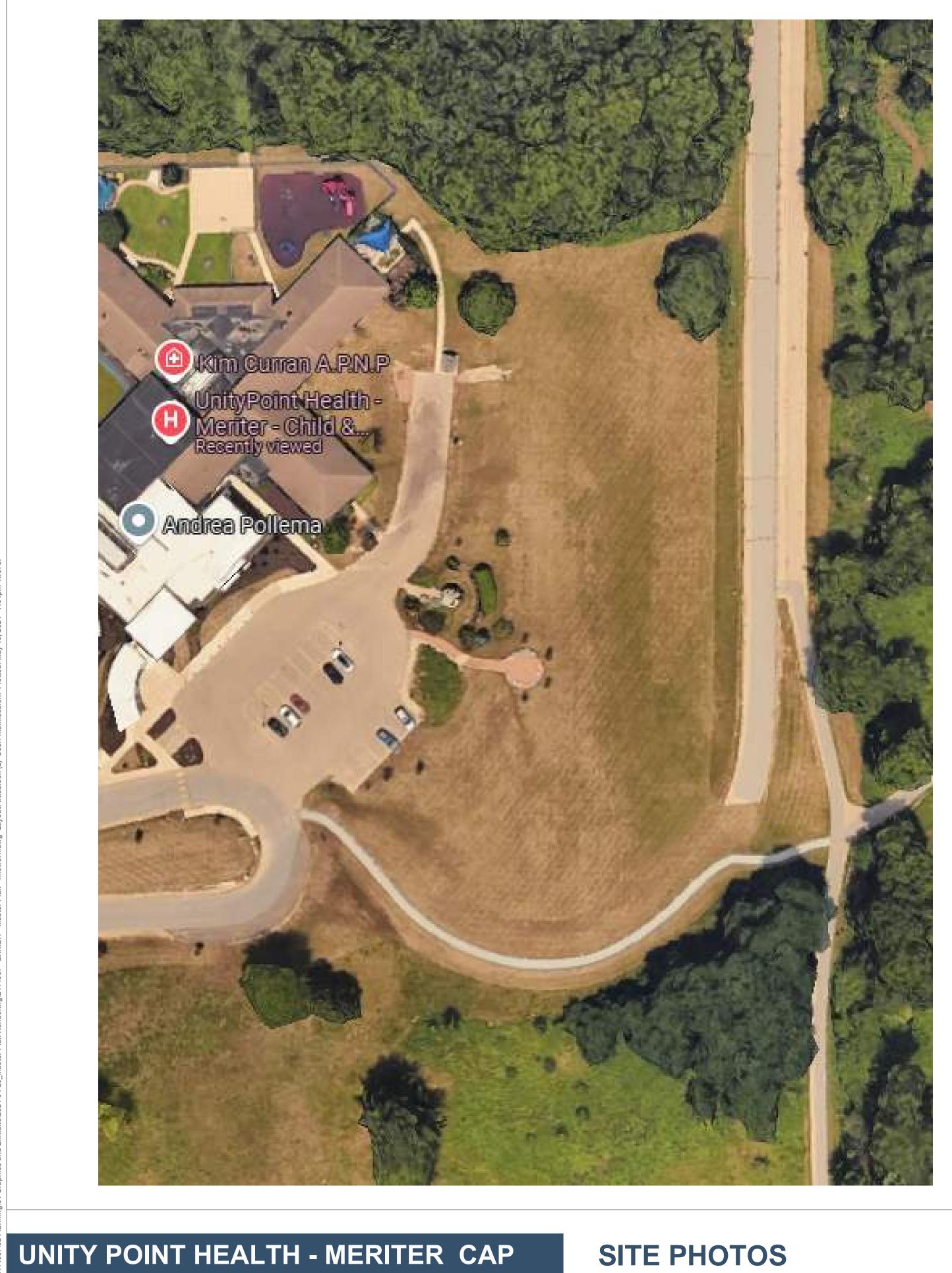
UNITY POINT HEALTH - MERITER CAP

MADISON, WI

CONTEXT MAP

NOT TO SCALE





















UNITY POINT HEALTH - MERITER CAP FACILITY

MADISON, WISCONSIN

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LANDSCAPE PLAN: NORTH

LANDSCAPE DETAILS & NOTES



PROJECT AREA NOT TO SCALE



PROJECT INFORMATION

OWNER

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CIVIL ENGINEER

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CREATE THE VISION TELL THE STORY

MADISON REGIONAL OFFICE 507 WEST VERONA AVENUE, SUITE 500

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UnityPoint Health - Meriter

CLIENT ADDRESS: 202 South Park Street Madison, WI 53715

CAP Facility Open Space Improvements

PROJECT LOCATION: 8102 Wellness Way Madison, WI 53719

Date:	Description:
0.07.2024	LAND USE/UDC SUBMITTAL

GW/CHG/HB Approved By:

TITLE SHEET

Toll Free (800) 242-8511

GENERAL NOTES

- REFER TO THE TOPOGRAPHIC AND UTILITY MAP FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- ALL WORK IN THE RIGHT-OF-WAY AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, JURISDICTIONAL SPECIFICATIONS, AND APPROVED BY THE JURISDICTION HAVING AUTHORITY.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND
- JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.

DEMOLITION NOTES

- THIS PLAN INDICATES ITEMS ON THE PROPERTY INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGH FIELD SURVEY RECONNAISSANCE. "DIGGERS HOTLINE" LOCATION. AND GENERAL "STANDARD OF CARE". THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVEGROUND OBSERVATION, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE. IT IS THE CONTRACTOR'S/BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE, AND PROVIDE THEIR OWN DUE DILIGENCE TO INCLUDE IN THEIR BID WHAT ADDITIONAL ITEMS. IN THEIR OPINION, MAY BE NECESSARY FOR DEMOLITION, ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR/BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE ENGINEER OF RECORD. JSD TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD HAVE NO KNOWLEDGE
- CONTRACTOR SHALL KEEP ALL STREETS AND PRIVATE DRIVES FREE AND CLEAR OF ALL CONSTRUCTION-RELATED DIRT, DUST, AND DEBRIS
- ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION, ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. STUMPS MAY BE GROUND TO PROPOSED SUBGRADE IN GRASSED AREAS ONLY UNLESS DIRECTED BY ENGINEER.
- ABANDONED/REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF OFFSITE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTIES THAT WERE DAMAGED BY THE CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO:
- EXAMINE ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION
- VERIFY UTILITY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.
- NOTIFY ALL UTILITIES OWNER'S PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES. NOTIFY THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION
- ANY UTILITIES THAT ARE DAMAGED BY THE CONTRACTORS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE
- CONTRACTOR SHALL COORDINATE PRIVATE UTILITY REMOVAL/ABANDONMENT AND NECESSARY RELOCATION WITH RESPECTIVE UTILITY COMPANY. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES PRIOR
- ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE APPROVED JURISDICTION'S RECYCLING PLAN.
- ANY CONTAMINATED SOILS ENCOUNTERED SHALL BE REMOVED IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS TO AN APPROPRIATE AND APPROVED LANDFILL.
- ALL EXISTING UTILITIES SHALL BE FIELD LOCATED AND CLEARLY MARKED BY CONTRACTOR PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES OCCUR IN THE LOCATION SHOWN OR PROPOSED IMPROVEMENTS IMPACTING EXISTING UTILITY LINE LOCATION(S). CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING UTILITY LINE OPENINGS (ULO) TO CONFIRM LOCATIONS OR ELEVATIONS. AS REQUESTED BY THE ENGINEER.
- ALL PERIMETER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL KEEP ALL STREETS AND PAVEMENTS FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT DUST AND DEBRIS

CONSTRUCTION SEQUENCING

- INSTALL PERIMETER SILT FENCE, WATTLES, INLET PROTECTION, AND CONSTRUCTION ENTRANCE. STRIP AND STOCKPILE TOPSOIL AND INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE
- CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES.
- INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION.
- COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAVEMENTS, PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROL MEASURES AS
- EROSION CONTROLS SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED OR 70% CONTIGUOUS
- VEGETATIVE COVER IS ESTABLISHED. CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM NO. 1 AS NEEDED TO COMPLETE CONSTRUCTION IF
- EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL

PAVING NOTES

- PAVING SHALL CONFORM TO STATE HIGHWAY SPECIFICATIONS, APPLICABLE JURISDICTIONAL SPECIFICATIONS, AND THE GEOTECHNICAL REPORT, IF APPLICABLE. ALL REFERENCES TO THE "GEOTECHNICAL REPORT" SHALL
- BE UNDERSTOOD AS THE APPLICABLE GEOTECHNICAL REPORT. ALL PAVING DIMENSIONS ARE TO FACE OF CURB UNLESS SPECIFIED OTHERWISE.
- ALL SPOT GRADES ARE TO EDGE OF PAVEMENT LINEESS SPECIFIED OTHERWISE
- SURFACE PREPARATION NOTIFY ENGINEER/OWNER OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING
- WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAVING. ANY REQUIRED REPLACEMENT OF PUBLIC CURB AND GUTTER, PAVEMENT, OR SIDEWALK SHALL MATCH EXISTING AND MEET JURISDICTIONAL REQUIREMENTS.

EXTERIOR CONCRETE SURFACES SHALL BE BROOM FINISHED.

THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305 OF THE STATE HIGHWAY SPECIFICATIONS. 2.2. RECLAIMED OR RECYCLED ASPHALT MAY NOT BE USED AS CRUSHED AGGREGATE BASE COURSE UNLESS

SPECIFICALLY APPROVED BY THE ENGINEER OF RECORD. USE OF ANY OTHER REPROCESSED OR BLENDED

- MATERIAL MUST FIRST BE APPROVED BY ENGINEER OF RECORD. DO NOT PLACE BASE ON FROZEN FOUNDATIONS UNLESS THE ENGINEER APPROVES OTHERWISE. DO NOT PLACE BASE ON FOUNDATIONS THAT ARE SOFT, SPONGY, OR COVERED BY ICE OR SNOW.
- CONCRETE PAVING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 405, 415, AND 416 OF THE STATE HIGHWAY SPECIFICATIONS.
- CURING COMPOUNDS SHALL CONFORM TO SECTION 415 OF THE STATE HIGHWAY SPECIFICATIONS. CONTRACTOR SHALL PROVIDE CONTROL JOINTS AND CONSTRUCTION JOINTS OF ONE-QUARTER CONCRETE THICKNESS AT AN EQUAL RATIO OF LENGTH TO WIDTH WHEREVER POSSIBLE WITH A MAXIMUM LENGTH BETWEEN JOINTS OF 15' ON CENTER.
- CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN SIDEWALKS AT A MAXIMUM 100' APART. PLACE EXPANSION JOINTS IN CURB, GUTTER, OR CURB AND GUTTER CONSTRUCTED NEXT TO ASPHALTIC PAVEMENT OR SURFACING. LOCATE JOINTS EVERYWHERE THAT TANGENT AND RADIAL CURB OR CURB AND GUTTER MEET; ON EACH SIDE OF EVERY INLET 3' FROM THE INLET, BUT NO CLOSER THAN 6' FROM ANOTHER
- JOINT: AND ON TANGENT SECTIONS PLACE BETWEEN 6' AND 300' IF CONSTRUCTING CURB, GUTTER, OR CURB AND GUTTER NEXT TO, OR ON, CONCRETE PAVEMENT CONSTRUCTED WITH EXPANSION JOINTS, THEN PLACE EXPANSION JOINTS TO MATCH THE EXPANSION JOINT LOCATIONS IN THE PAVEMENTS
- FOR CURB AND GUTTER, FORM CONTRACTION JOINTS BY SAWING OR FORMING AN INDUCED PLANE OF WEAKNESS AT LEAST 2" DEEP IN THE CURB, GUTTER, OR CURB AND GUTTER DIRECTLY OPPOSITE CONSTRUCTION OR CONTRACTION JOINTS IN ADJOINING CONCRETE PAVEMENT AND AT THE REQUIRED SPACING IN CURB, GUTTER, OR CURB AND GUTTER ADJOINING ASPHALTIC PAVEMENT. SPACE JOINTS BETWEEN 6' AND APPROXIMATELY 20' APART, AS THE ENGINEER DIRECTS.

SEEDING AND RESTORATION NOTES

- 1. CONTRACTOR SHALL PROVIDE NOTICE TO THE JURISDICTIONAL AUTHORITIES IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
- 2. ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEEDED AND MULCHED IMMEDIATELY FOLLOWING GRADING
- ACTIVITIES, SOD/SEED MIX TO BE IN ACCORDANCE WITH LANDSCAPE PLAN.
- 3. ALL SLOPES 20% OR GREATER SHALL BE TEMPORARILY SEEDED, MULCHED, OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE. REFER TO STABILIZATION PRACTICES IN THE EROSION CONTROL NOTES FOR FURTHER SPECIFICATIONS.

ALL SEEDED AREAS WITH SLOPES FLATTER THAN 4:1, UNLESS OTHERWISE NOTED ON THE PLANS, SHALL BE STABILIZED WITH WEED-FREE WHEAT STRAW MULCH WITH METHODS AND RATES IN ACCORDANCE WITH SECTION 627 OF THE STATE HIGHWAY SPECIFICATIONS 4.2. ALL SEEDED AREAS WITH SLOPES EQUAL TO OR STEEPER THAN 4:1, UNLESS OTHERWISE NOTED ON THE PLANS,

SHALL BE STABILIZED WITH EROSION MATTING MATERIALS AS SPECIFIED ON THE PLANS. EROSION MATTING

5. CONTRACTOR SHALL INSTALL 6" OF ENGINEERED SOIL CONSISTING OF: 85% ASTM C33 SAND, 15% CERTIFIED COMPOST (SEE GENERAL NOTE 6)

SHALL BE IN ACCORDANCE WITH SECTION 628 OF THE STATE HIGHWAY SPECIFICATIONS.

CERTIFIED COMPOST SHALL CONSIST OF: >40% ORGANIC MATTER, <60% ASH CONTENT, pH OF 6-8, AND MOISTURE CONTENT OF 35-50% BY WEIGHT.

UTILITY NOTES

- 1. ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGERS HOTLINE" PRIOR TO ANY CONSTRUCTION.
- 2. PRIOR TO CONSTRUCTION, THE PRIME CONTRACTOR IS RESPONSIBLE FOR: 2.1. EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS.
- ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER
- FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY. VERIFYING ALL ELEVATIONS. LOCATIONS, AND SIZES OF SANITARY, WATER, AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE
- PERFORMED UNTIL THE DISCREPANCY IS RESOLVED. NOTIFYING ALL UTILITIES PRIOR TO INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS. NOTIFYING THE DESIGN ENGINEER AND JURISDICTIONAL AUTHORITY 48 HOURS PRIOR TO THE START OF
- CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION. COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS
- 3. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC UTILITIES AND STATE DSPS/SPS AND LOCAL CODES AND SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE JURISDICTIONAL AUTHORITIES.
- 4. SPECIFICATIONS SHALL COMPLY WITH THE JURISDICTIONAL AUTHORITY'S SPECIAL PROVISIONS.
- 5. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- 6. CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- DRY UTILITIES (COMMUNICATION, TELEPHONE, GAS, ELECTRIC, ETC.) ARE SHOWN FOR GENERAL ROUTING ONLY.
- CONTRACTOR SHALL COORDINATE DESIGN AND FINAL LOCATION WITH APPROPRIATE UTILITY COMPANY. 8. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY
- ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS. 9. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE JURISDICTIONAL
- AUTHORITY'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.). THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE INSTALLED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED. IF REQUIRED, ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.

11. STORM SEWER SPECIFICATIONS:

- 11.1.1. REINFORCED CONCRETE PIPE (RCP) SHALL MEET THE REQUIREMENTS OF ASTM CLASS III (MINIMUM) C76 WITH RUBBER GASKET JOINTS CONFORMING TO ASTM C443.
- HIGH DENSITY DUAL-WALL POLYETHYLENE CORRUGATED PIPE (HDPE) SHALL BE AS MANUFACTURED BY ADS OR EQUAL WITH WATERTIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF AASHTO DESIGNATION M294 TYPE "S"
- POLYVINYL CHLORIDE (PVC) SHALL MEET REQUIREMENTS OF ASTM D3034, SDR 35 FOR PIPE SIZES 8"-15" WITH INTEGRAL BELL TYPE FLEXIBLE ELECTROMETRIC JOINTS. MEETING THE REQUIREMENTS OF ASTM D3212. ASTM 1785 SCHEDULE 40 FOR PIPE DIAMETERS 4"-6". SDR 35 SHALL BE USED FOR DEPTHS 3'-15' AND SDR 26 FOR DEPTHS 16'-25' DEPENDENT ON LOCAL JURISDICTION.
- 11.2. INLETS AND CATCH BASINS INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.6.3 AND DETAIL DRAWINGS FILE. NO. 28 OR 29 OF THE STANDARD SPECIFICATIONS, OR APPROVED EQUAL WITH A 2'X3' MAXIMUM OPENING.
- POLYVINYL CHLORIDE (PVC) INLETS BY NYLOPLAST ONLY WHEN SPECIFIED ON PLANS, CONFORMING TO ASTM D1781, ASTM D3212, ASTM F477, AND MANUFACTURER'S REQUIREMENTS. REFER TO PLANS FOR LID OR GRATE SPECIFICATION.
- CURB FRAME AND GRATES SHALL BE NEENAH R-3067 WITH TYPE "R" GRATE OR EQUAL, UNLESS AS 11.2.3.1.
 - SPECIFIED IN THE PLANS SOLID LID FRAME AND GRATES SHALL BE NEENAH R-1550, HEAVY DUTY NON-ROCKING SOLID LID OR
- EQUAL, UNLESS AS SPECIFIED IN THE PLANS. GRATE FRAME AND GRATES SHALL BE NEENAH R-1550. HEAVY DUTY WITH A R-2578 GRATE OR EQUAL. UNLESS AS SPECIFIED IN THE PLANS. 11.2.4. MANHOLES:
- MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.5.0 AND DETAIL DRAWINGS 11.2.4.1. FILE NO. 11 AND/OR 12 OF THE STANDARD SPECIFICATIONS.
- MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1550, HEAVY DUTY NON-ROCKING SOLID LID OR EQUAL, UNLESS AS SPECIFIED IN THE PLANS.
- 11.3. BACKFILL AND BEDDING: STORM SEWER SHALL BE CONSTRUCTED WITH GRAVEL BACKFILL AND CLASS "B" BEDDING IN ALL PAVED 11.3.1. AREAS AND TO A POINT 5' BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS
- THAN 5' FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE STANDARD SPECIFICATIONS.
- 11.4. FIELD TILE CONNECTIONS: ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATERIAL AS THE STORM SEWER.

EROSION CONTROL NOTES

- 1. CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND OFFICIALS OF ANY CHANGES TO THE
- 2. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS AND JURISDICTIONAL REQUIREMENTS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORESEEN FIELD
- 3. INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE, AND EXISTING INLET PROTECTION) PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE COVER MODIFICATIONS TO THE APPROVED EROSION CONTROL DESIGN IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO WDNR TECHNICAL STANDARDS AND JURISDICTIONAL REQUIREMENTS. ALL DESIGN MODIFICATIONS MUST BE APPROVED BY THE JURISDICTIONAL AUTHORITIES PRIOR TO DEVIATION OF THE APPROVED PLAN.
- ADDITIONAL EROSION CONTROL MEASURES. AS REQUESTED BY JURISDICTIONS HAVING AUTORITY AND/OR ENGINEER OF RECORD SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
- 5. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
- 6. ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5". ANY DAMAGED EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY
- 7. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS ADDITIONAL LOCATIONS OTHER THAN AS SHOWN ON THE PLANS MUST BE PRE-APPROVED BY THE JURISDICTION. CONSTRUCTION ENTRANCES SHALL BE 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" SELECTED CRUSHED. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACKING OF MUD OR DRY SEDIMENTOFF-SITE AFTER EACH WORKING DAY OR MORE FREQUENTLY AS
- 8. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEPT AND/OR SCRAPED TO REMOVE ACCUMULATED SOIL, DIRT, AND/OR DUST AFTER THE END OF EACH WORK DAY AND AS REQUESTED BY THE JURISDICTIONAL AUTHORITIES.
- 9. INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLETS OF ALL INSTALLED STORM SEWER. STONE DITCH CHECKS FENCE SHALL BE IMMEDIATELY FITTED AT ALL INSTALLED CULVERT INLETS TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS
- 10. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES. IF STOCKPILE REMAINS UNDISTURBED FOR MORE THAN SEVEN (7) DAYS, TEMPORARY SEEDING AND STABILIZATION IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES IS REQUIRED. IF DISTURBANCE OCCURS BETWEEN NOVEMBER 15TH AND MAY 15TH, THE MULCHING SHALL BE PERFORMED BY HYDRO-MULCHING WITH A "TACKIFIER."
- 11. DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.
- 12. EROSION CONTROL FOR UTILITY CONSTRUCTION (WATER MAIN):
- PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
- DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE WDNR DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
- 13. ALL SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING PER STATE HIGHWAY SPECIFICATIONS OR APPLICATION OF A WISDOT APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED WITHIN SEVEN (7) DAYS OF REACHING FINAL GRADE. DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING PER STATE HIGHWAY SPECIFICATIONS. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNR TECHNICAL STANDARDS 1052 AND 1053.
- 14. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WDNR TECHNICAL STANDARD 1068.
- 15. A CONCRETE WASHOUT AREA SHALL BE DESIGNATED ONSITE. CONTRACTOR SHALL USE PRE-MANUFACTURED ABOVE GROUND WASHOUT TOTE OR EQUIVALENT CONTAINMENT AREA FOR ALL CONCRETE WASTE. CONCRETE WASTE SHALL ONLY BE CONTAINED IN ABOVE GROUND PRE-FABRICATED CONTAINERS OR CONSTRUCTED CONTAINMENT AREA AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FREQUENTLY DISPOSE OF OFF-SITE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS TO MAINTAIN THE SYSTEMS
- 16. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS:
- THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED OR IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITY CEASED (I.E., THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS
- TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAY). IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARII Y CEASED STABILIZATION MEASURES SHALL BE DETERMINED BASED ONSITE CONDITIONS WHEN CONSTRUCTION ACTIVITY HAS CEASED INCLUDING, BUT NOT LIMITED TO, WEATHER CONDITIONS AND LENGTH OF TIME THE
- MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES: PERMANENT SEEDING: IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION TEMPORARY SEEDING; MAY CONSIST OF SPRING OATS(100LBS.ACRE) IN SPRING/SUMMER OR WHEAT
- OR CEREAL RYE (150LBS./ACRE) IN FALL HYDRO-MUI CHING WITH A TACKIFIER
- WOVEN AND NON-WOVEN GEOTEXTILES 16.3.5. EROSION MATTING
- OTHER MEASURES AS APPROVED BY THE ENGINEER 16.3.7.
- 17 FROSION CONTROL MEASURES SHALL NOT BE REMOVED LINTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A CONTIGUOUS DENSITY OF AT LEAST 70% FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES.
- 18. CONTRACTOR/OWNER SHALL FILE A NOTICE OF TERMINATION UPON COMPLETION OF THE PROJECT IN ACCORDANCE WITH CITY REQUIREMENTS AND/OR REQUEST FOR PERMIT CLOSURE IN ACCORDANCE WITH JURISDICTION PERMIT AND SPECIFICATION REQUIREMENTS.

GRADING AND EARTHWORK NOTES

1. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES. MAKE SURE ALL

AREAS DRAIN PROPERLY, AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

- 2. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPUTATIONS OF ALL GRADING QUANTITIES. WHILE JSD PROFESSIONAL SERVICES, INC. ATTEMPTS TO PROVIDE A COST-EFFECTIVE APPROACH TO BALANCE EARTHWORK. GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARDS OF CARE. THEREFORE, NO GUARANTEE CAN BE MADE FOR A BALANCED SITE.
- 3. ALL EXCAVATIONS AND FILLS SHALL BE TO THE ELEVATIONS SHOWN ON THE DRAWINGS AND SHALL INCLUDE SUFFICIENT DEPTHS FOR PLACEMENT OF FILL MATERIALS, BASE COURSES, PAVEMENTS, TOPSOIL, AND OTHER MATERIALS TO THE SPECIFIED DEPTHS.
- 4. CONTRACTOR SHALL NOT EXCAVATE BELOW ELEVATIONS OR DESIGN GRADES SHOWN ON THE DRAWINGS WITHOUT PRIOR AUTHORIZATION FROM ENGINEER AND OWNER.
- 5. PRIOR TO ALL EXCAVATION OR FILLING OPERATIONS, CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TOPSOIL FROM PROPOSED LOCATIONS OF BUILDINGS, STRUCTURES, ROADS, WALKS, OTHER PAVED AREAS, STORM WATER FACILITIES OR WITHIN THE GRADING EXTENTS WHERE EXISTING GRADES ARE ALTERED BY MORE THAN 3" REMOVED OR STRIPPED TOPSOIL SHALL BE SEGREGATED AND STOCKPILED ON-SITE IN AN APPROPRIATE LOCATION TO BE RESPREAD AS SPECIFIED ON THE DRAWINGS.
- 6. CONTRACTOR SHALL NOT PLACE ANY FILL OR OTHER MATERIALS ON AREAS THAT HAVE NOT HAD TOPSOIL REMOVED, ARE FROZEN, SATURATED, OR YIELDING. CONTRACTOR SHALL NOTIFY OWNER OR ENGINEER IF SUBGRADE CONDITIONS ARE NOT SUITABLE FOR SUPPORTING FILL AND A FURTHER DETERMINATION SHALL BE PROVIDED BY OWNER OR ENGINEER.
- 7. CONTRACTOR SHALL PLACE THE FILLS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL
- REPORT INCLUDING LIFT DEPTHS AND COMPACTION EFFORTS. 8. PRIOR TO PLACEMENT OF BASE COURSE MATERIALS IN PAVEMENT OR HARD SURFACE AREAS OR CONDUCTING EXCAVATION BELOW SUBGRADE (EBS) ELEVATIONS, CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER TO CONDUCT AN INSPECTION OF THE PREPARED SUBGRADE AND PROOF-ROLLING. PROOF-ROLLING SHALL BE CONDUCTED BY THE CONTRACTOR IN WITNESS OF THE OWNER AND ENGINEER. OWNER AND ENGINEER SHALL DETERMINE IF AREAS OF EBS ARE REQUIRED. EBS SHALL BE COMPLETED BY THE CONTRACTOR PER THE
- 9. SOIL MATERIAL SPECIFICATION

DIRECTION OF THE OWNER AND ENGINEER.

- 9.1.1. MATERIAL SHALL BE SATISFACTORY MATERIALS EXCAVATED FROM THE SITE, PER THE GEOTECHNICAL REPORT. IF SATISFACTORY MATERIALS ARE NOT AVAILABLE ONSITE OR ADDITIONAL MATERIALS ARE
- REQUIRED, REFER TO IMPORTED FILL MATERIAL SPECIFICATIONS. 9.2. IMPORTED FILL MATERIAL MATERIAL SHALL BE PROVIDED BY THE CONTRACTOR FROM OFFSITE BORROW AREAS WHEN SUFFICIENT, SATISFACTORY MATERIALS ARE NOT AVAILABLE ONSITE. IMPORTED FILL MATERIAL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND CONSIST OF CLEAN MATERIAL OF INORGANIC SOILS. OR A MIXTURE OF INORGANIC SOIL AND ROCK, STONE, OR GRAVEL. THE MATERIAL SHALL BE FREE OF TOPSOIL, VEGETATION, PAVEMENT RUBBLE, DEBRIS, OR OTHER DELETERIOUS MATERIALS. THE MAXIMUM
- NOMINAL DIMENSION OF MATERIALS CONSISTING OF ROCK, STONE, OR GRAVEL SHALL BE 6" 9.3 GRANIII AR FILL 9.4. MATERIAL SHALL CONSIST OF CLEAN MATERIAL MEETING THE REQUIREMENTS OF "GRADE 1" OR "GRADE 2"

CITY FORESTRY NOTES

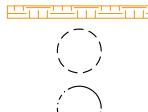
- ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY 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 A TREE REMOVAL PERMIT BEING
- 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 (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 FOULOWING WEBSITE HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM
- 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 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
- SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 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.
- ON THIS PROJECT, STREET TREE PROTECTION ZONE FENCING IS REQUIRED. THE FENCING SHALL BE ERECTED BEFORE THE DEMOLITION, GRADING OR CONSTRUCTION BEGINS. THE FENCE SHALL INCLUDE THE ENTIRE WIDTH OF TERRACE AND. EXTEND AT LEAST 5 FEET ON BOTH SIDES OF THE OUTSIDE EDGE OF THE TREE TRUNK. DO NOT REMOVE THE FENCING TO ALLOW FOR DELIVERIES OR EQUIPMENT ACCESS THROUGH THE TREE PROTECTION
- STREET TREE PRUNING SHALL BE COORDINATED WITH MADISON FORESTRY AT A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT. ALL PRUNING SHALL FOLLOW THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 - PART 1 STANDARDS FOR PRUNING.
- ADDITIONAL STREET TREES ARE NEEDED FOR THIS PROJECT. TREE PLANTING SPECIFICATIONS CAN BE FOUND IN SECTION 209 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WEBSITE: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM) - ALL STREET TREE PLANTING LOCATIONS AND TREE SPECIES WITHIN THE RIGHT OF WAY SHALL BE DETERMINED BY CITY FORESTRY. A LANDSCAPE PLAN AND STREET TREE PLANTING PLAN SHALL BE SUBMITTED IN PDF FORMAT TO CITY FORESTRY FOR APPROVAL OF PLANTING LOCATIONS WITHIN THE RIGHT OF WAY AND TREE SPECIES. ALL AVAILABLE STREET TREE PLANTING LOCATIONS SHALL BE PLANTED WITHIN THE PROJECT
- AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING, 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.

CITY TRAFFIC ENGINEERING NOTES

THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDED PLAN BUY TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENT.

LEGEND

----- EASEMENT LINE BUILDING OUTLINE DEMOLITION - REMOVAL OF GRAVEL/STONE DEMOLITION - REMOVAL OF LANDSCAPE DEMOLITION - REMOVAL OF ASPHALT SURFACE



APPROXIMATE DRIP LINE

PROTECT EXISTING TREE

EDGE OF PAVEMENT OR ARTIFICIAL TURF PROPOSED 1 FOOT CONTOUR -----960------PROPOSED 5 FOOT CONTOUR — — ·959· — — EXISTING 1 FOOT CONTOUR ----960--- EXISTING 5 FOOT CONTOUR DRAINAGE DIRECTION — — — GRADE BREAK

RETAINING WALI —X—— FENCE

------W---------- WATERMAIN STORM SEWER —sf——sf——sf—— SILT_FFNCF

GARDEN MIX SOIL (REFER TO LANDSCAPE) RIP-RAP CONSTRUCTION ENTRANCE

EROSION MATTING SPOT ELEVATION FG: XXX.XX

INLET PROTECTION

DITCH CHECK

EP - EDGE OF PAVEMENT

EC - EDGE OF CONCRETE

EX - MATCH EXISTING GRADE

FG - FINISH GRADE

TW - TOP OF WALL

PAD - UTILITY PAD

SW - SIDEWALK BW - BOTTOM OF WALL

202 South Park Street

Madison, WI 53715

CLIENT ADDRESS:

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isdinc.com

MADISON REGIONAL OFFICE

507 WEST VERONA AVENUE, SUITE 500

P. 608.848.5060

UnityPoint Health - Meriter

VERONA. WISCONSIN 53593

CAP Facility Open Space Improvements

PROJECT LOCATION: 8102 Wellness Way Madison, WI 53719

PLAN MODIFICATIONS:					
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Approved By: GENERAL NOTES

Designed By:

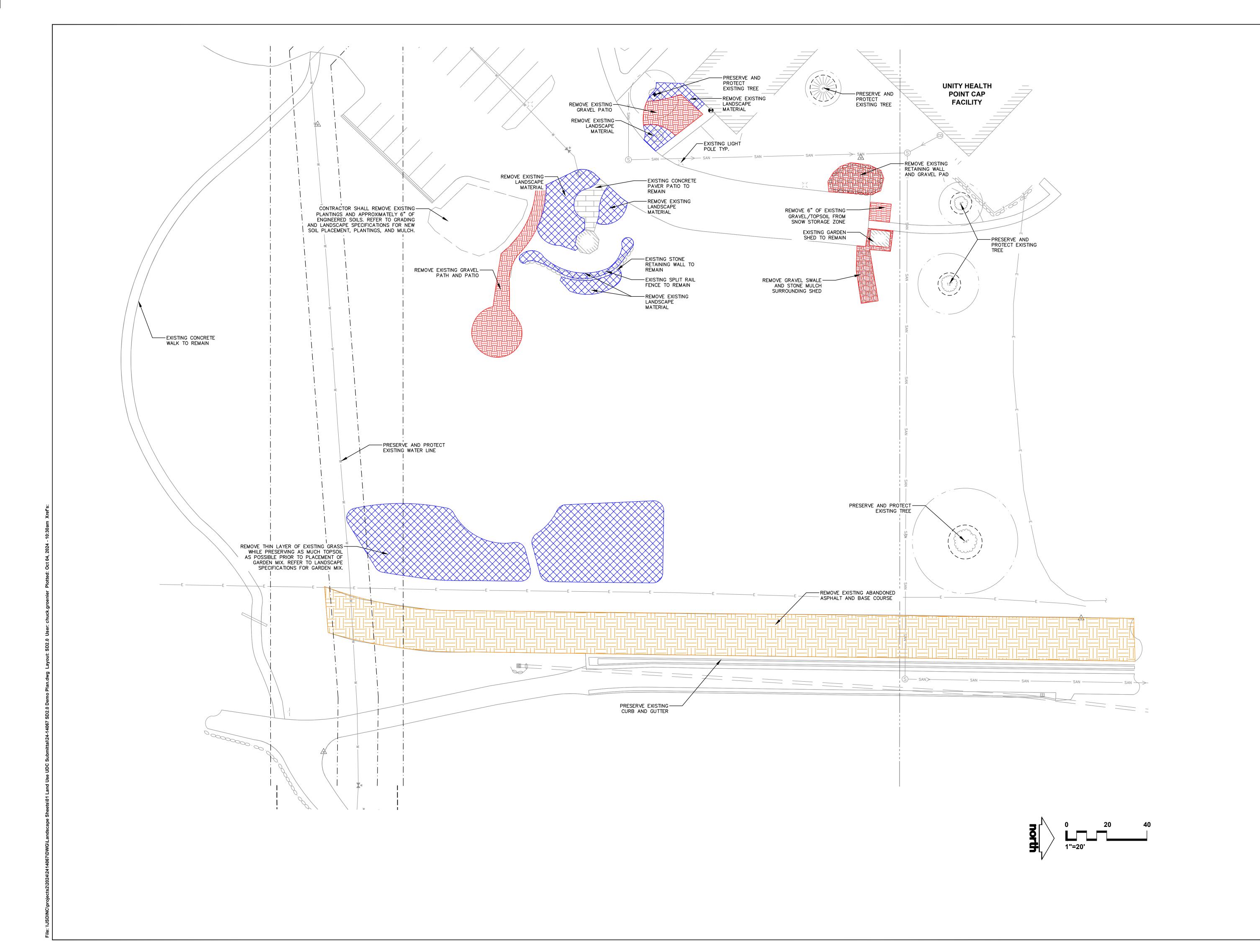
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ISD PROJECT NO:

GW/HB

SD/KY

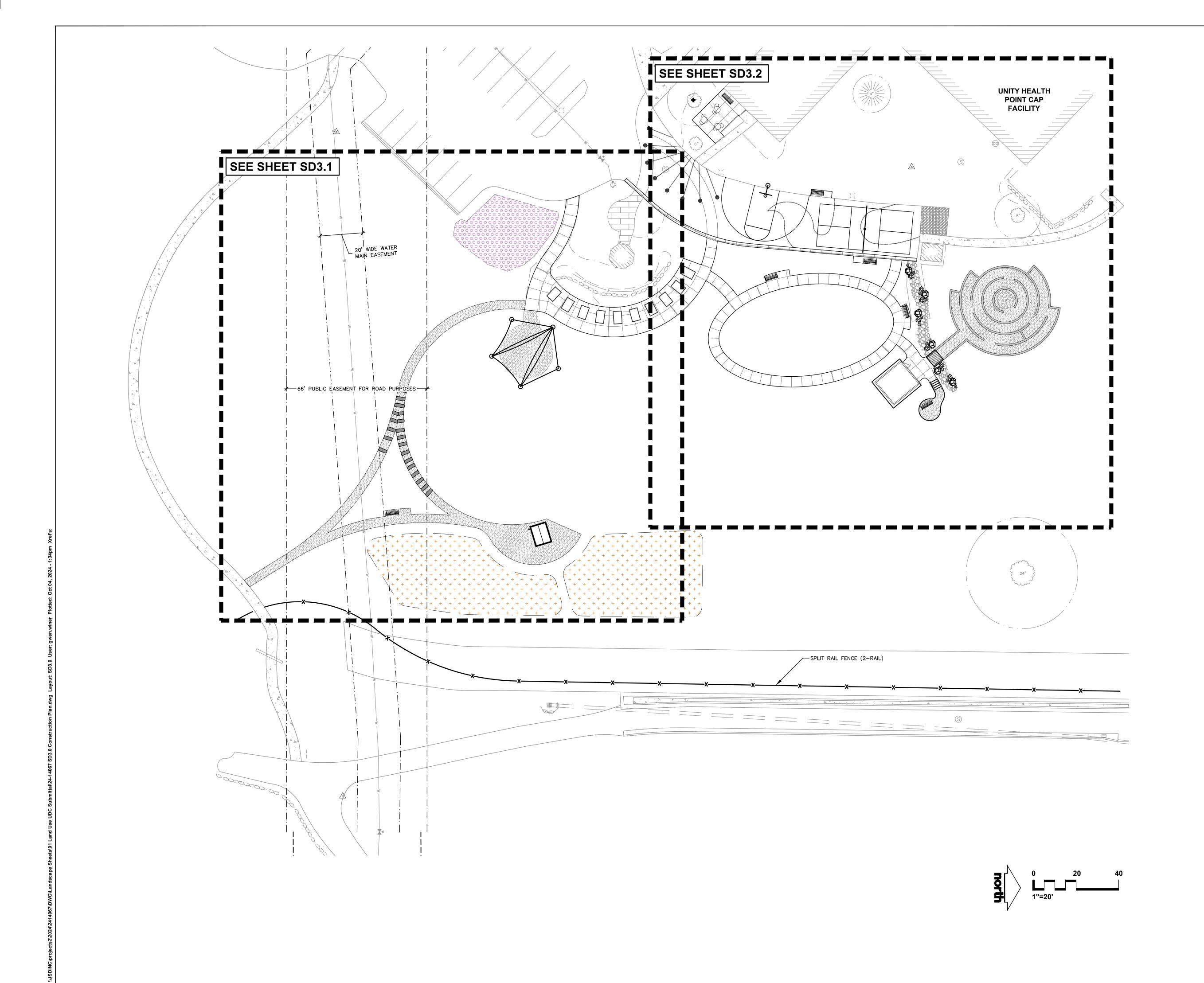
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	SD
CREATE THE VISION	TELL THE STORY
MADISON RE 507 WEST VERON VERONA, W	EGIONAL OFFICE NA AVENUE, SUITE 500 //SCONSIN 53593 3.848.5060
CLIENT: UnityPoint H	ealth - Meriter
CLIENT ADDRESS: 202 South Park S Madison, WI 5371	
PROJECT: CAP Facility Open Space	Improvements
PROJECT LOCATION: 8102 Wellness W	
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SHEET NUMBER

SD2.0





CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE
507 WEST VERONA AVENUE, SUITE 500
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT

UnityPoint Health - Meriter

CLIENT ADDRESS:

202 South Park Street
Madison, WI 53715

CAP Facility
Open Space Improvements

PROJECT LOCATION: 8102 Wellness Way Madison, WI 53719

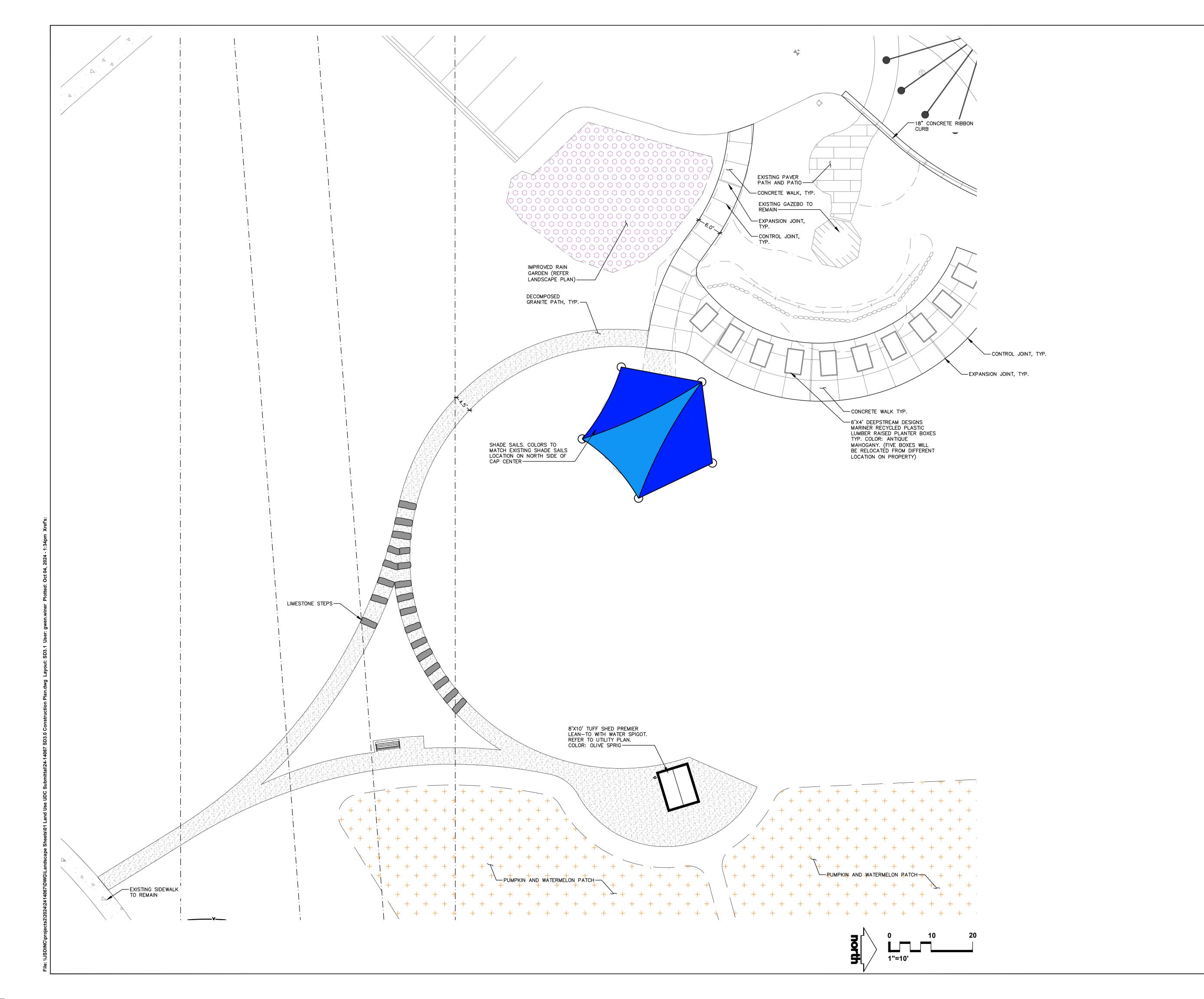
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Designed By: GW/CHG/HB
Reviewed By: SD/KJY
Approved By:
SHEET TITLE:

SITE PLAN: OVERALL

SHEET NUMBER

SD3.0





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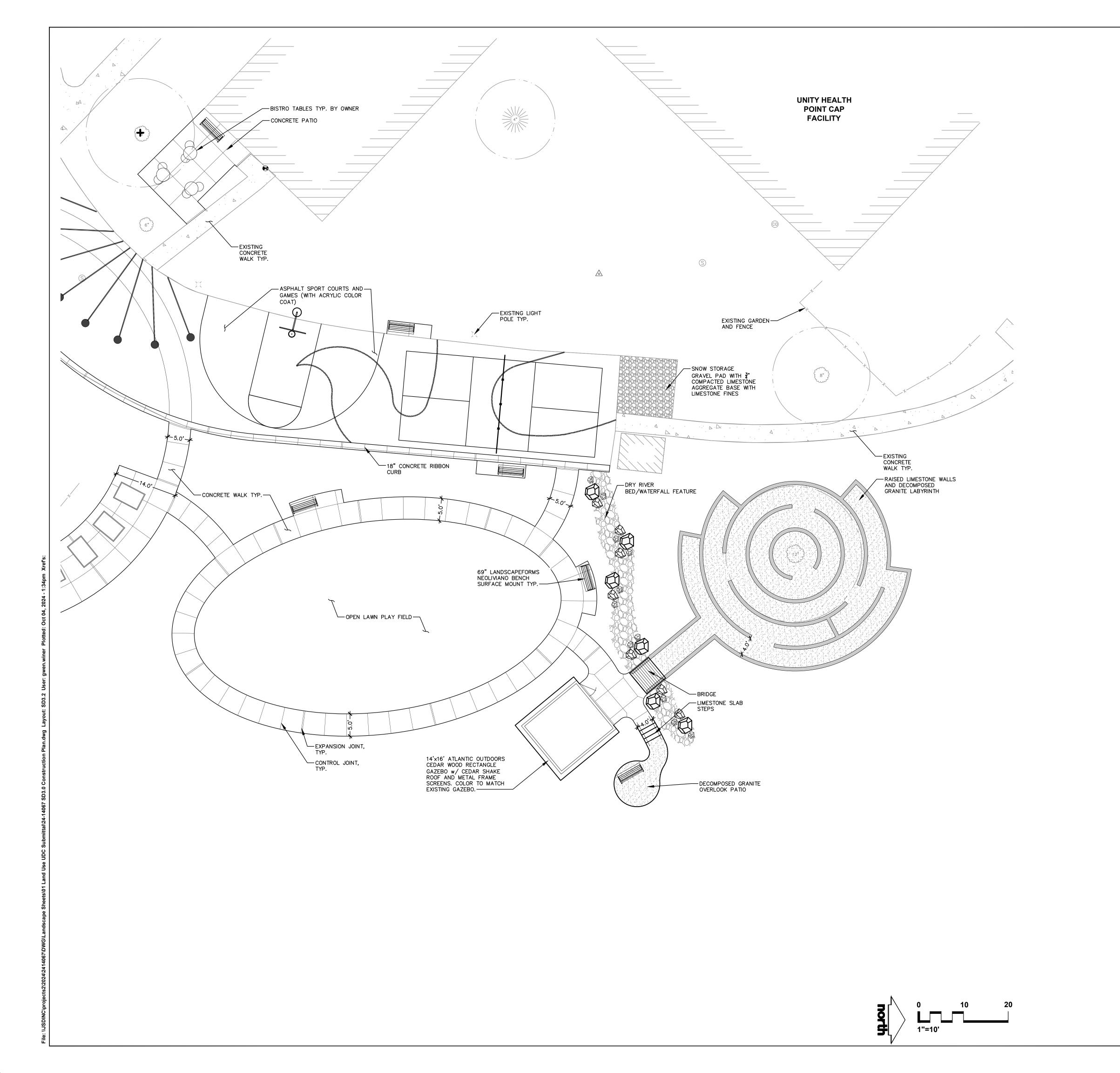
CLIENT ADDRESS: 202 South Park Street Madison, WI 53715

CAP Facility Open Space Improvements

PROJECT LOCATION: 8102 Wellness Way Madison, WI 53719

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GW/CHG/HB SD/KJY Approved By: SITE PLAN: SOUTH





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UnityPoint Health - Meriter

CLIENT ADDRESS:

202 South Park Street

Madison, WI 53715

CAP Facility
Open Space Improvements

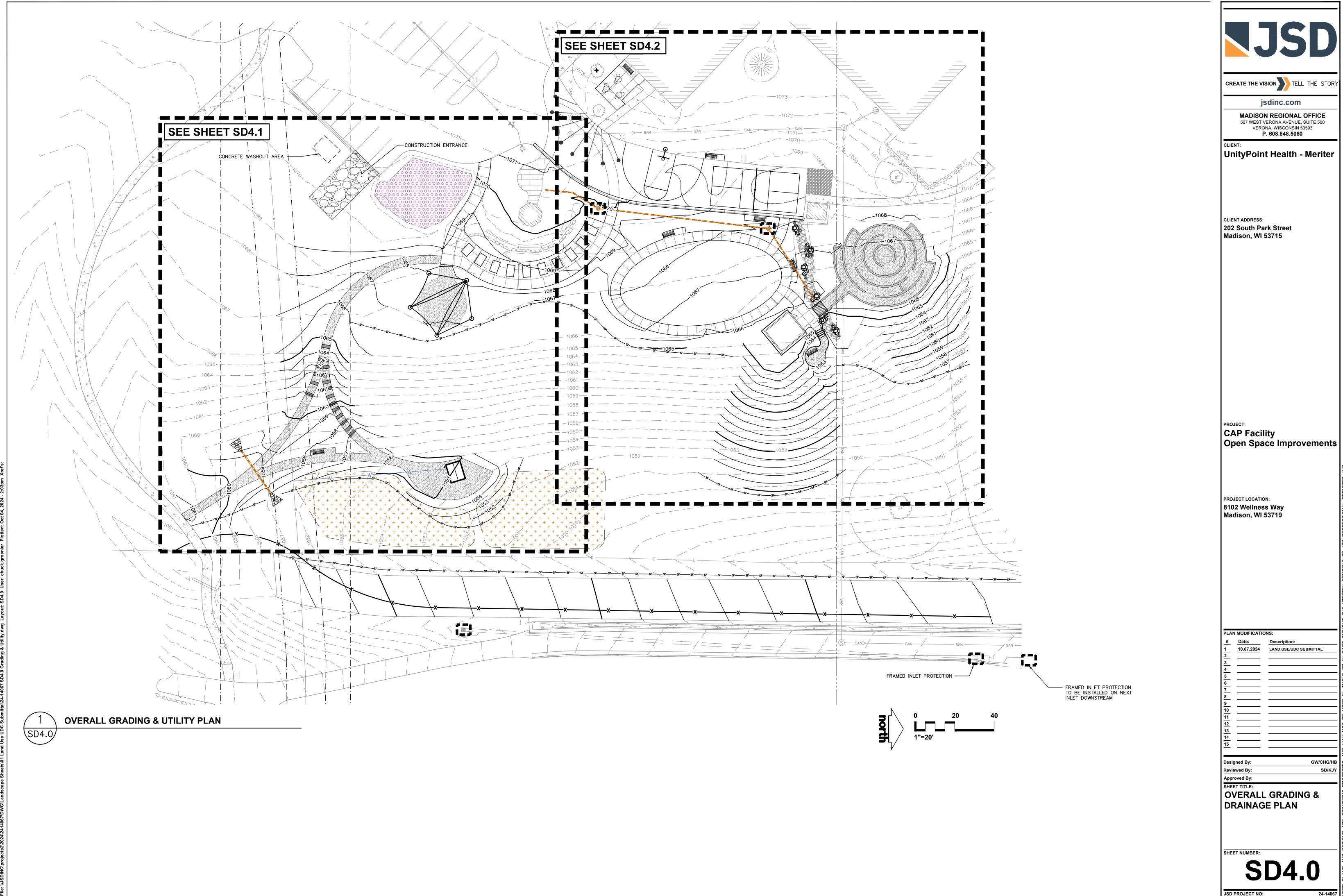
PROJECT LOCATION: 8102 Wellness Way Madison, WI 53719

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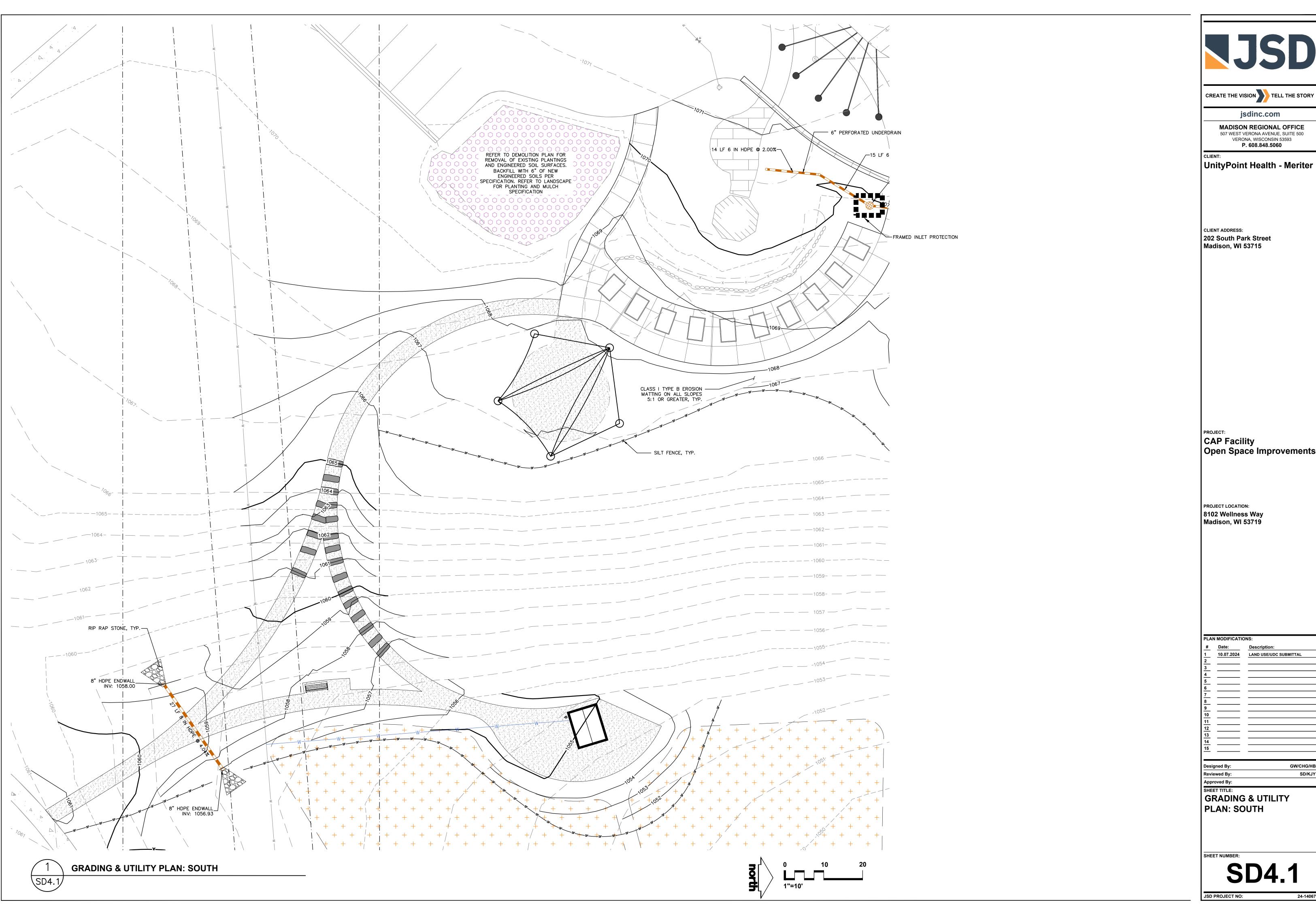
Designed By:
Reviewed By:
Approved By:
SHEET TITLE:
SITE PLAN: NORTH

SD3.2

24-14067



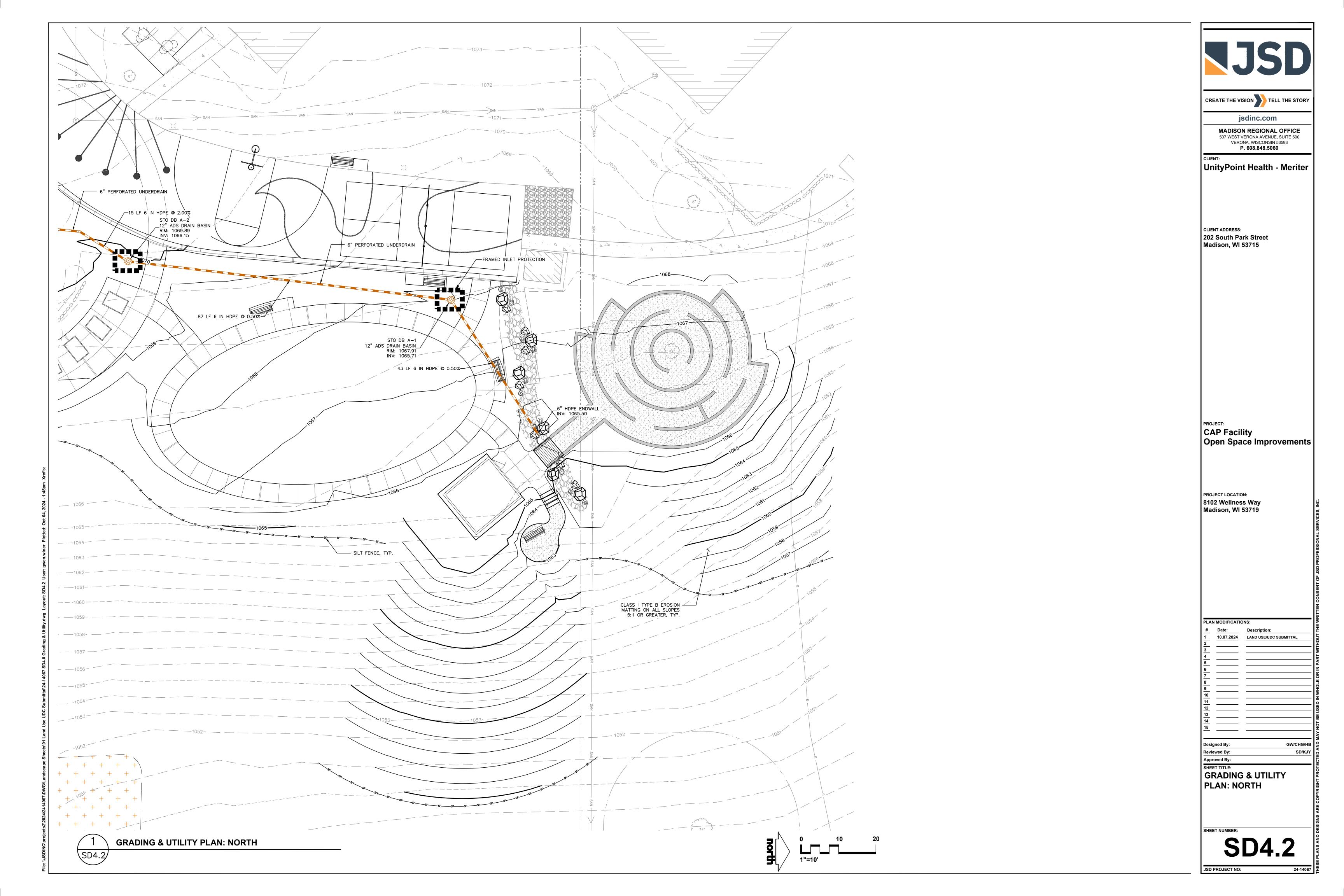
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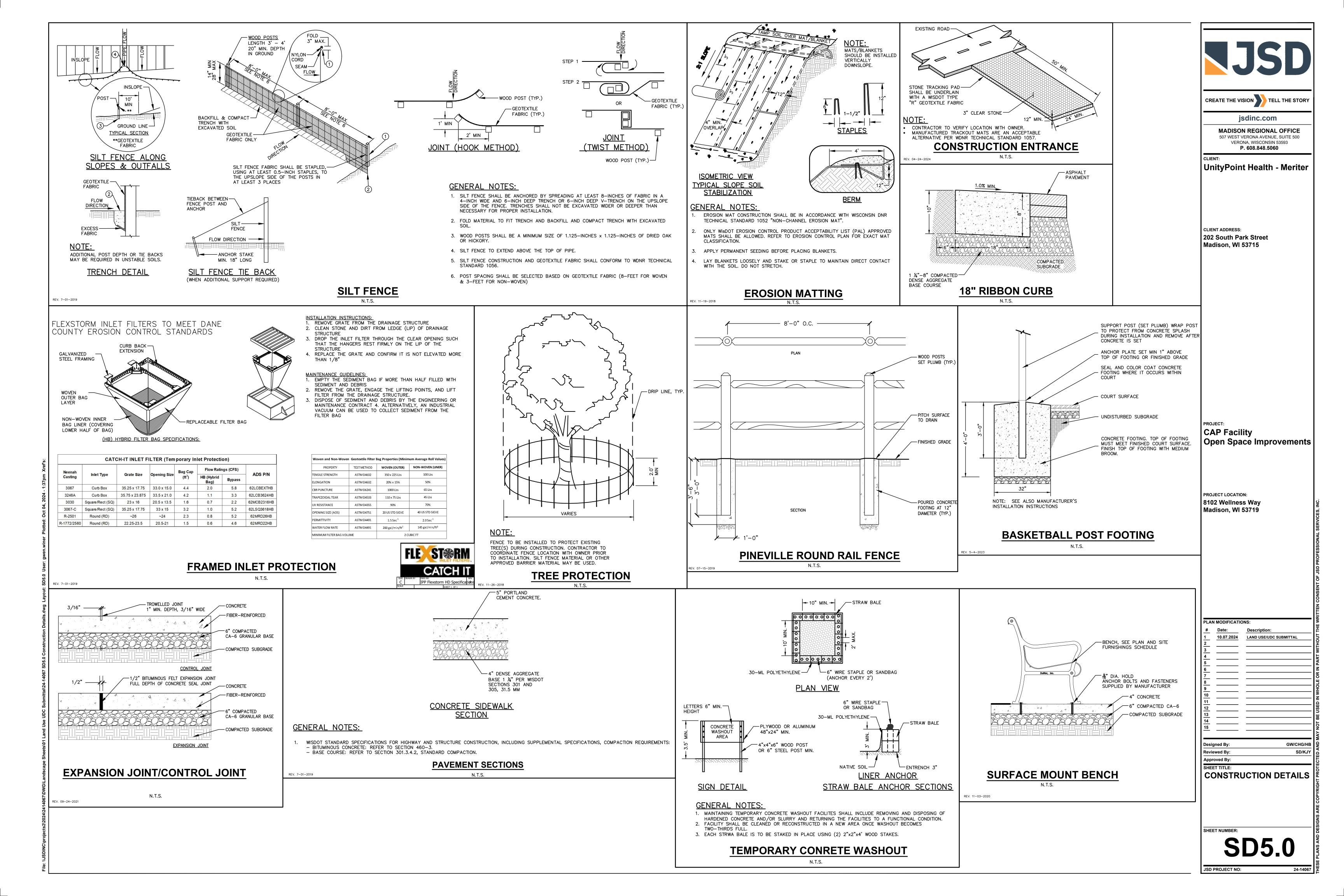


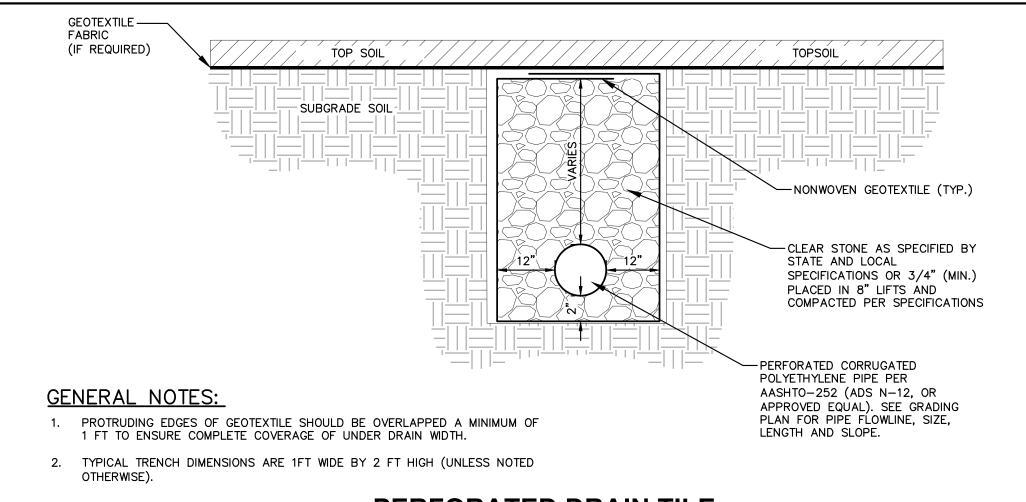
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CAP Facility
Open Space Improvements

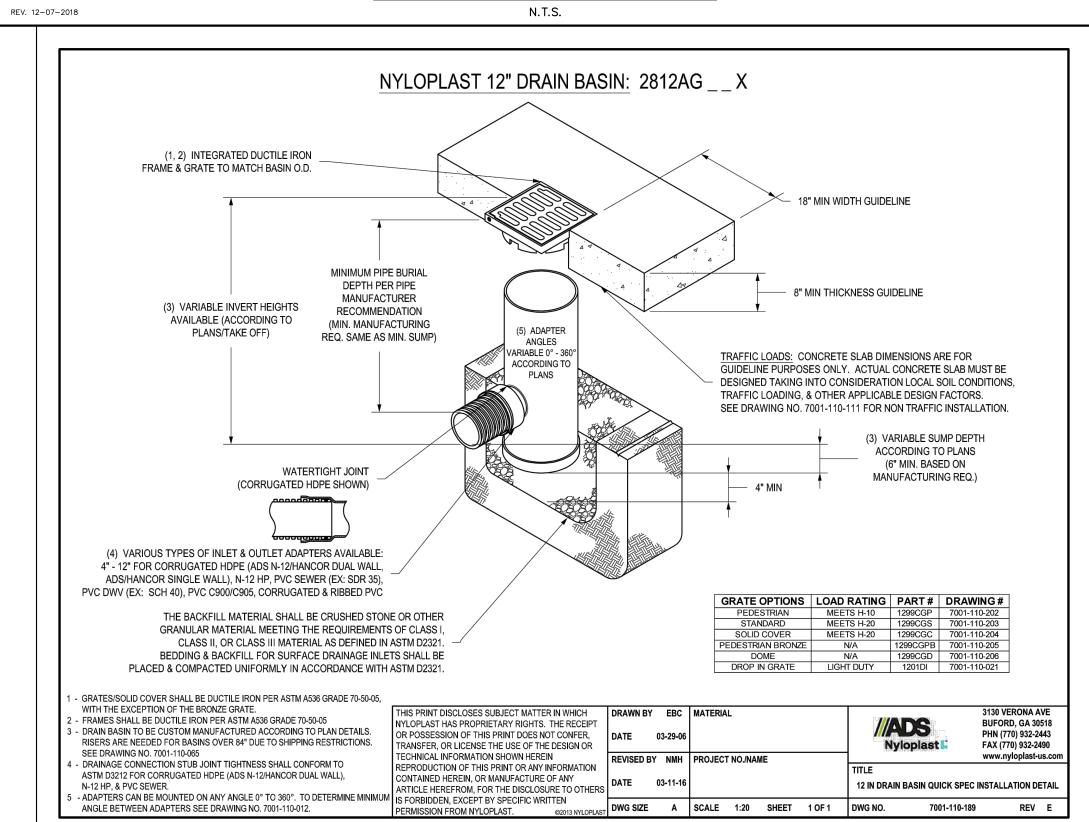
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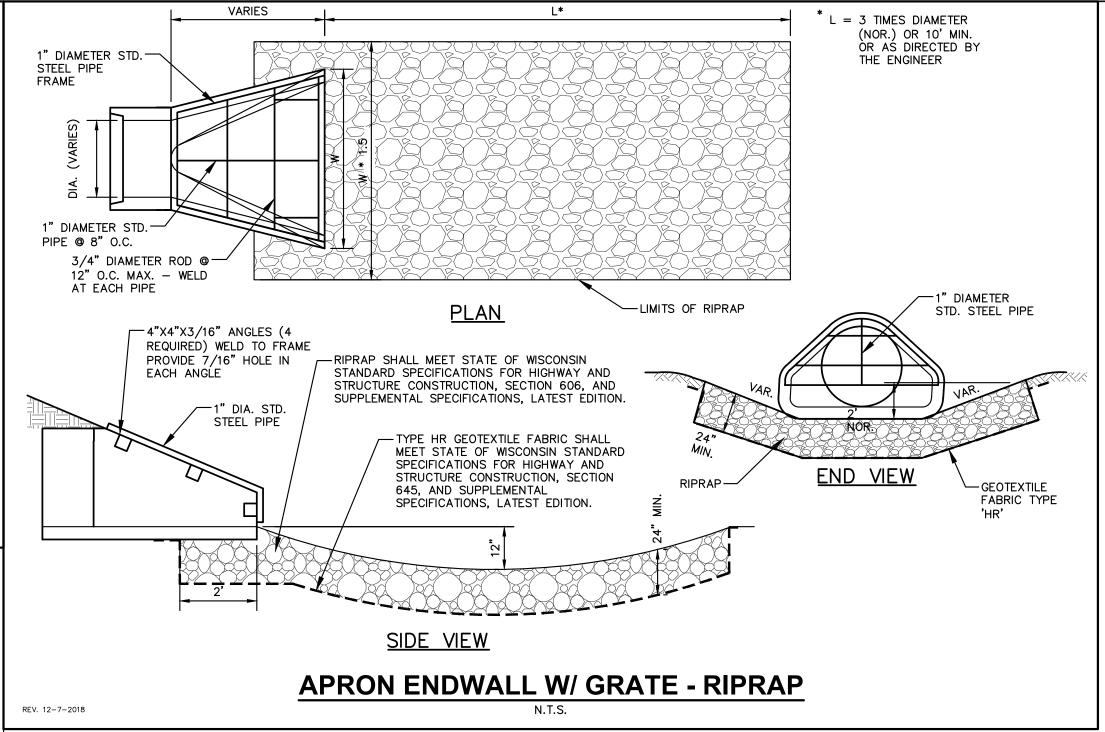






PERFORATED DRAIN TILE





JSD

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MADISON REGIONAL OFFICE
507 WEST VERONA AVENUE, SUITE 500
VERONA, WISCONSIN 53593

P. 608.848.5060

CLIENT

UnityPoint Health - Meriter

client Address: 202 South Park Street Madison, WI 53715

PROJECT:

CAP Facility

Open Space Improvements

PROJECT LOCATION: 8102 Wellness Way Madison, WI 53719

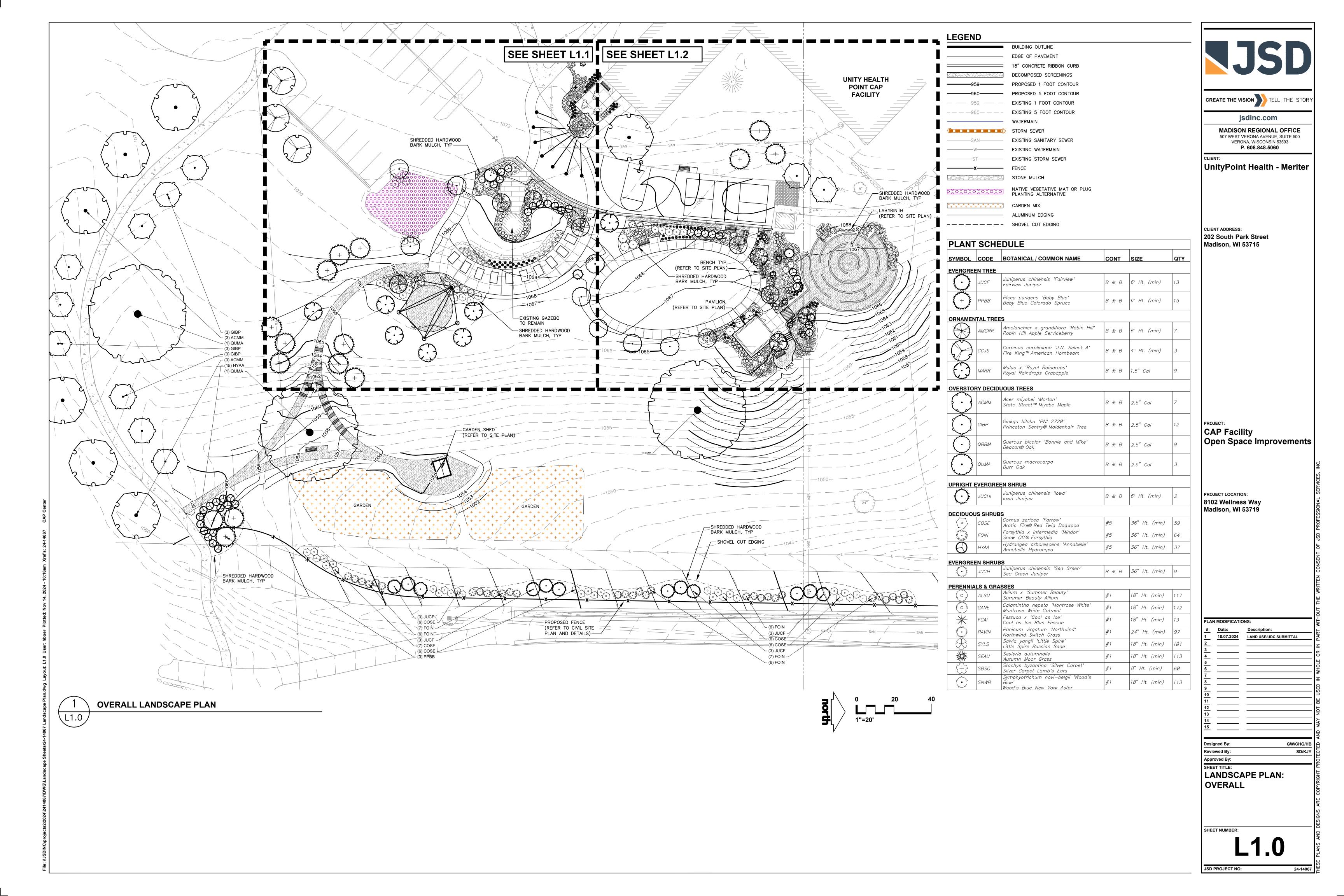
Designed By: GW/CHG/HB
Reviewed By: SD/KJY
Approved By:
SHEET TITLE:

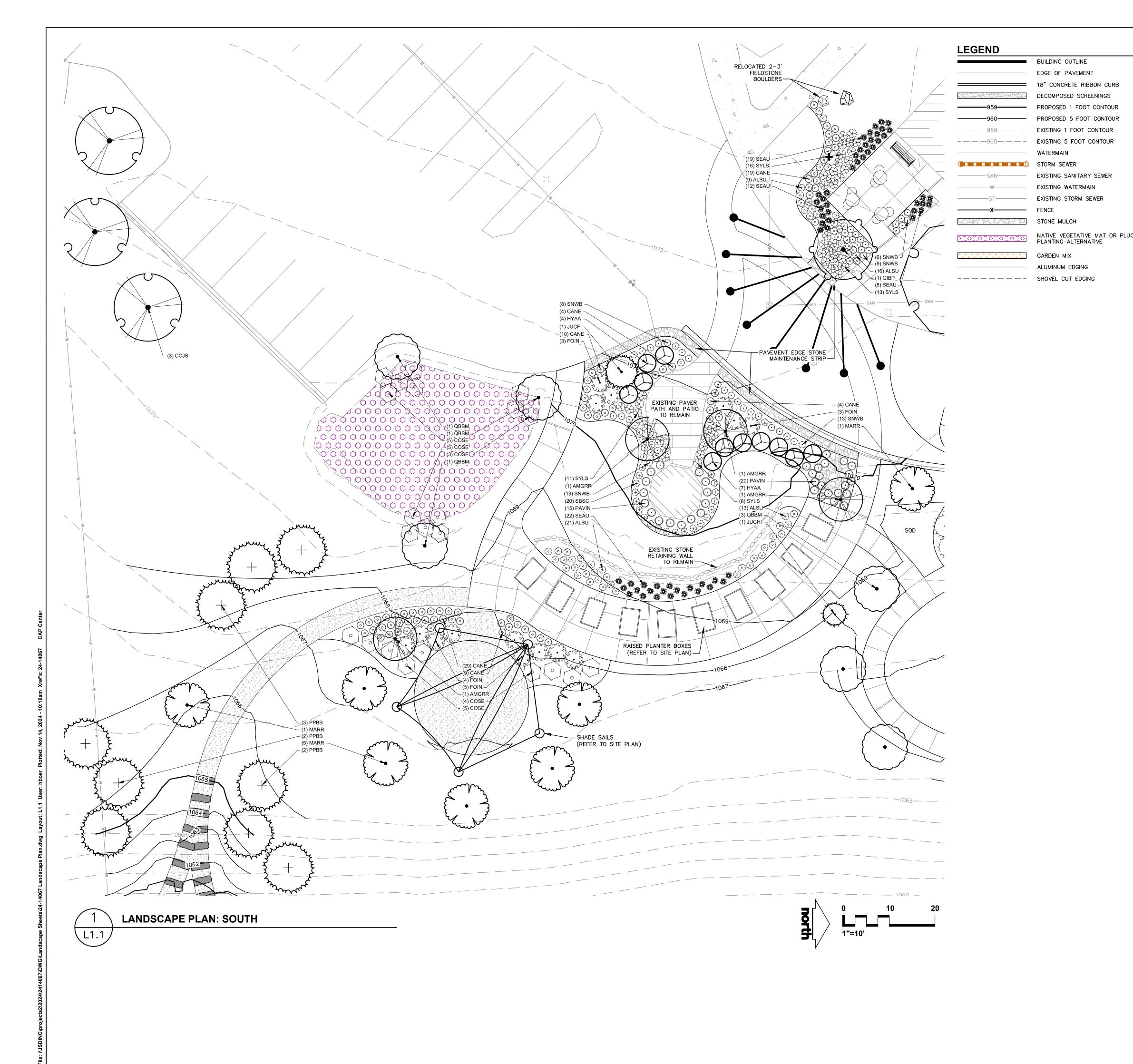
CONSTRUCTION DETAILS

JEET NIIMBED:

SD5.1

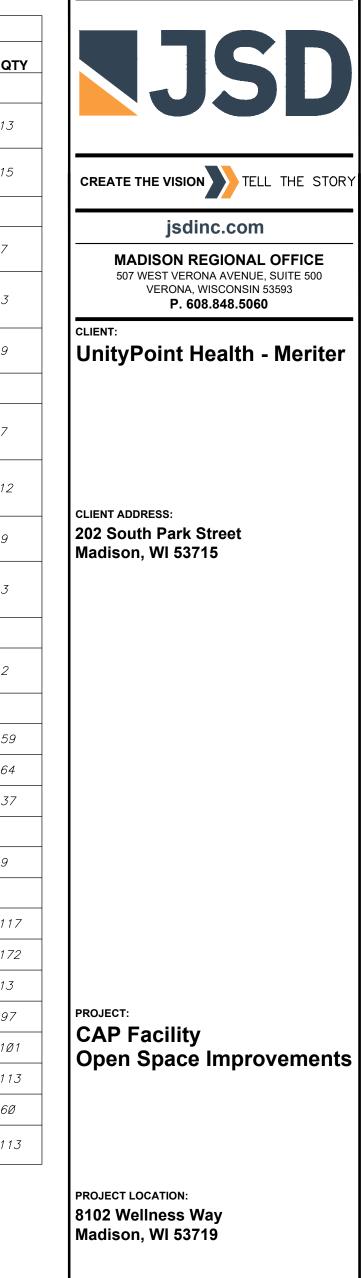
JSD PROJECT NO:





CVMBOL	CODE	BOTANICAL / COMMON NAME	CONT	CIZE	OT
SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QT\
EVERGRE	EN TREE	Luninarua obinancia (Frimiau)			
A	JUCF	Juniperus chinensis 'Fairview' Fairview Juniper	B & B	6' Ht. (min)	13
+	PPBB	Picea pungens 'Baby Blue' Baby Blue Colorado Spruce	B & B	6' Ht. (min)	15
ORNAMEN	NTAL TRE	ES			
	AMGRR	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry	B & B	6' Ht. (min)	7
200	CCJS	Carpinus caroliniana 'J.N. Select A' Fire King™ American Hornbeam	B & B	4' Ht. (min)	3
	MARR	Malus x 'Royal Raindrops' Royal Raindrops Crabapple	B & B	1.5" Cal	9
OVERSTO	RY DECIE	DUOUS TREES			
	ACMM	Acer miyabei 'Morton' State Street™ Miyabe Maple	B & B	2.5" Cal	7
	GIBP	Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree	B & B	2.5" Cal	12
\odot	QBBM	Quercus bicolor 'Bonnie and Mike' Beacon® Oak	B & B	2.5" Cal	9
$\left(\cdot \right)$	QUMA	Quercus macrocarpa Burr Oak	B & B	2.5" Cal	3
UPRIGHT	EVERGRE	EEN SHRUB			
0	JUCHI	Juniperus chinensis 'lowa' lowa Juniper	B & B	6' Ht. (min)	2
DECIDUO	US SHRU!	BS			
(0)	COSE	Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood	#5	36" Ht. (min)	59
10 mm	FOIN	Forsythia x intermedia 'Mindor' Show Off® Forsythia	#5	36" Ht. (min)	64
	HYAA	Hydrangea arborescens 'Annabelle' Annabelle Hydrangea	#5	36" Ht. (min)	37
EVERGRE	EN SHRU	BS			
	JUCH	Juniperus chinensis 'Sea Green' Sea Green Juniper	B & B	36" Ht. (min)	9
PERENNIA	N S & GD	ASSES	-1		
(°)	ALSU	Allium x 'Summer Beauty'	#1	18" Ht. (min)	117
£03	CANE	Summer Beauty Allium Calamintha nepeta 'Montrose White'	#1	18" Ht. (min)	172
Y.C.W.F	FCAI	Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue	#1	18" Ht. (min)	13
33300000000000000000000000000000000000	PAVIN	Panicum virgatum 'Northwind'	#1	24" Ht. (min)	97
Sanute.	SYLS	Northwind Switch Grass Salvia yangii 'Little Spire'	#1	18" Ht. (min)	101
	SEAU	Little Spire Russian Sage Sesleria autumnalis	#1	18" Ht. (min)	113
(+)	SBSC	Autumn Moor Grass Stachys byzantina 'Silver Carpet'	#1	8" Ht. (min)	60
4 P	SNWB	Silver Carpet Lamb's Ears Symphyotrichum novi-belgii 'Wood's Blue'	#1	18" Ht. (min)	113
\ \wd	3.1175	Wood's Blue New York Aster	" ·	(""")	, , ,

IT CC	CHEDULE				
CODE		CONT	SIZE	QTY	JJS
		CONT	SIZE	GII	
JUCF	Juniperus chinensis 'Fairview' Fairview Juniper	B & B	6' Ht. (min)	13	
PPBB	Picea pungens 'Baby Blue' Baby Blue Colorado Spruce	B & B	6' Ht. (min)	15	CREATE THE VISION TELL
NTAL TF	REES				inding
AMGRA	Amelanchier v grandiflorg 'Robin Hill'	B & B	6' Ht. (min)	7	jsdinc.com MADISON REGIONAL O
CCJS	Carpinus caroliniana 'J.N. Select A' Fire King™ American Hornbeam	B & B	4' Ht. (min)	3	507 WEST VERONA AVENUE, SU VERONA, WISCONSIN 5359 P. 608.848.5060
MARR	Malus x 'Royal Raindrops' Royal Raindrops Crabapple	B & B	1.5" Cal	9	UnityPoint Health - N
DRY DEC	CIDUOUS TREES	-			
ACMM	Acer miyabei 'Morton' State Street™ Miyabe Maple	B & B	2.5" Cal	7	
GIBP	Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree	B & B	2.5" Cal	12	
QBBM	Quercus bicolor 'Bonnie and Mike' Beacon® Oak	B & B	2.5" Cal	9	202 South Park Street Madison, WI 53715
QUMA	Quercus macrocarpa Burr Oak	B & B	2.5" Cal	3	
EVERGI	REEN SHRUB				
JUCHI	Juniperus chinensis 'lowa' lowa Juniper	B & B	6' Ht. (min)	2	
US SHR	UBS				
COSE	Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood	#5	36" Ht. (min)	59	
FOIN	Forsythia x intermedia 'Mindor' Show Off® Forsythia	#5	36" Ht. (min)	64	
HYAA	Hydrangea arborescens 'Annabelle' Annabelle Hydrangea	#5	36" Ht. (min)	37	
EN SHR					
JUCH	Juniperus chinensis 'Sea Green' Sea Green Juniper	B & B	36" Ht. (min)	9	
ALS & G	RASSES				
ALSU	Allium x 'Summer Beauty' Summer Beauty Allium	#1	18" Ht. (min)	117	
CANE	Calamintha nepeta 'Montrose White' Montrose White Catmint	#1	18" Ht. (min)	172	
FCAI	Festuca x 'Cool as Ice' Cool as Ice Blue Fescue	#1	18" Ht. (min)	13	
PAVIN	Panicum virgatum 'Northwind' Northwind Switch Grass	#1	24" Ht. (min)	97	PROJECT:
SYLS	Salvia yangii 'Little Spire' Little Spire Russian Sage	#1	18" Ht. (min)	101	Open Space Improve

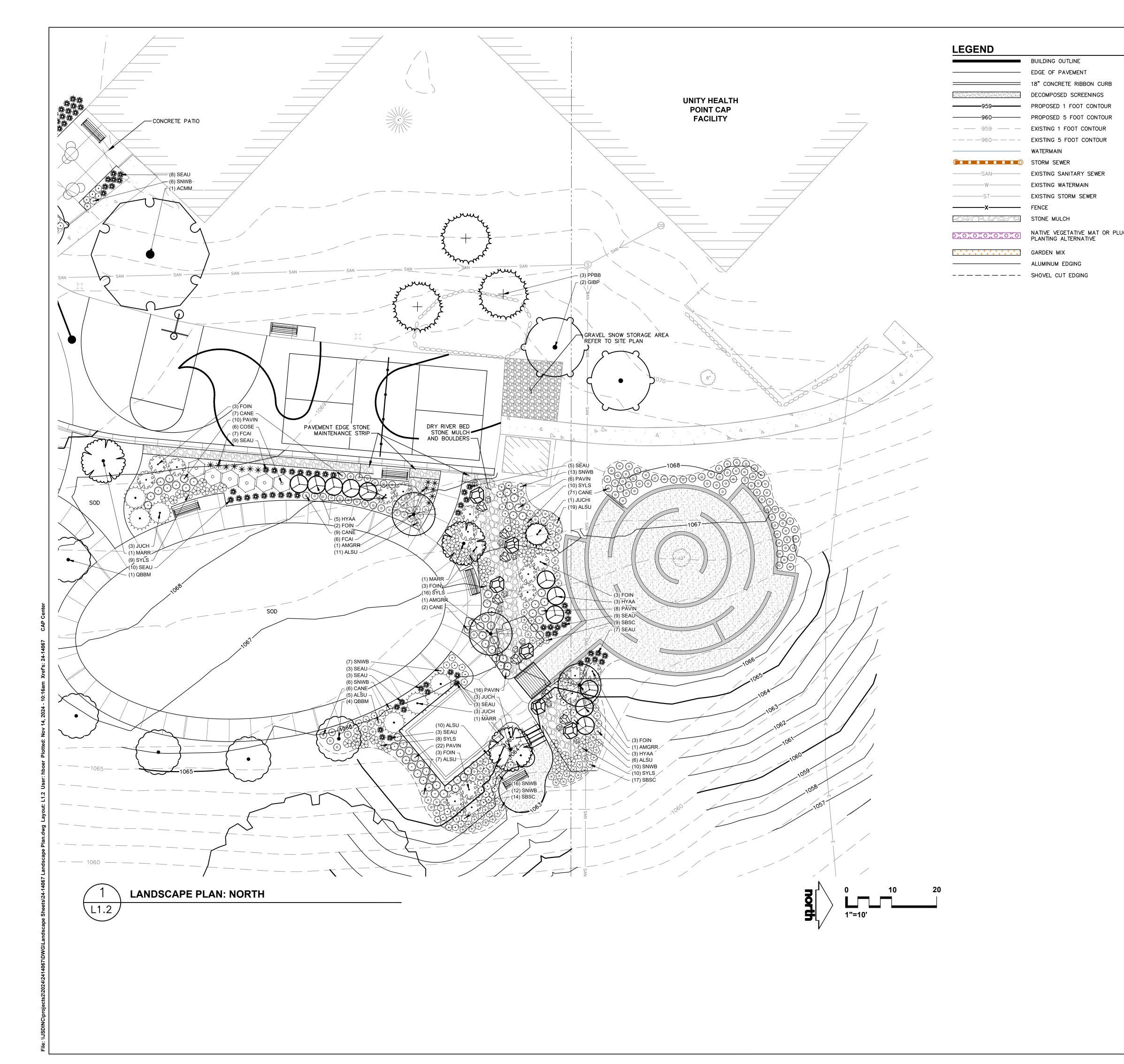


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Desig	gned By:	GW/CHG/HB	
Revie	ewed By:	SD/KJY	PROTECTED
Appr	oved By:		[E
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Approved by.	
SHEET TITLE:	
LANDSCAPE PLAN:	
SOUTH	

3001 I I

JSD PROJECT NO:



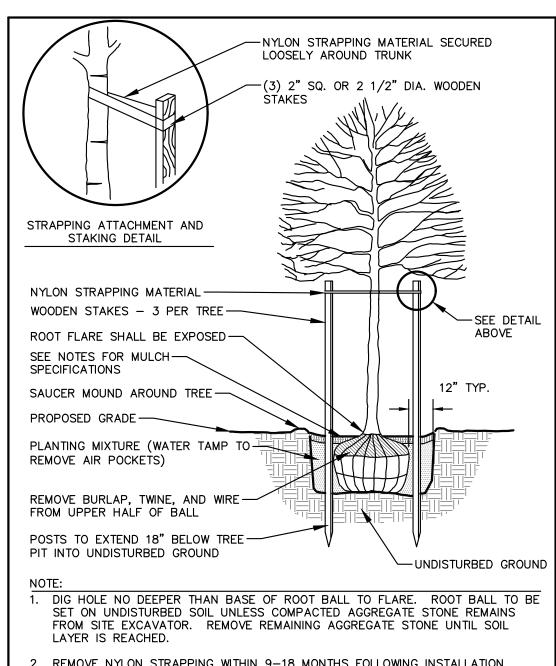
SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QT
EVERGRE	EN TREE				
	JUCF	Juniperus chinensis 'Fairview' Fairview Juniper	B & B	6' Ht. (min)	13
+	PPBB	Picea pungens 'Baby Blue' Baby Blue Colorado Spruce	B & B	6' Ht. (min)	15
ORNAMEI	NTAL TRE	ES	-	1	'
	AMGRR	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry	B & B	6' Ht. (min)	7
25	CCJS	Carpinus caroliniana 'J.N. Select A' Fire King™ American Hornbeam	B & B	4' Ht. (min)	3
	MARR	Malus x 'Royal Raindrops' Royal Raindrops Crabapple	B & B	1.5" Cal	9
OVERSTO	RY DECIE	DUOUS TREES			
\(\frac{1}{2}\)	ACMM	Acer miyabei 'Morton' State Street™ Miyabe Maple	B & B	2.5" Cal	7
\bigcirc	GIBP	Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree	B & B	2.5" Cal	12
\odot	QBBM	Quercus bicolor 'Bonnie and Mike' Beacon® Oak	B & B	2.5" Cal	9
$\left(\cdot \right)$	QUMA	Quercus macrocarpa Burr Oak	B & B	2.5" Cal	3
UPRIGHT	EVERGRE	EEN SHRUB			
0	JUCHI	Juniperus chinensis 'lowa' lowa Juniper	B & B	6' Ht. (min)	2
DECIDUO	US SHRUI	BS			
(0)	COSE	Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood	#5	36" Ht. (min)	59
E. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	FOIN	Forsythia x intermedia 'Mindor' Show Off® Forsythia	#5	36" Ht. (min)	64
Ö	HYAA	Hydrangea arborescens 'Annabelle' Annabelle Hydrangea	#5	36" Ht. (min)	37
EVERGRE	FN SHRU	BS	•	1	'
,	JUCH	Juniperus chinensis 'Sea Green' Sea Green Juniper	B & B	36" Ht. (min)	9
DEDENINI	N C O CD				
PERENNIA	ALS & GRI	Allium x 'Summer Beauty'	#1	18" Ht. (min)	117
£03	CANE	Summer Beauty Allium Calamintha nepeta 'Montrose White'	#1	18" Ht. (min)	172
Economic States		Montrose White Catmint Festuca x 'Cool as Ice'			
3000000	FCAI	Cool as Ice Blue Fescue Panicum virgatum 'Northwind'	#1	18" Ht. (min)	13
· NONCE	PAVIN	Northwind Switch Grass Salvia yangii 'Little Spire'	#1	24" Ht. (min)	97
*	SYLS	Little Śpire Russian Śage	#1	18" Ht. (min)	101
	SEAU	Sesleria autumnalis Autumn Moor Grass	#1	18" Ht. (min)	113
(+)	SBSC	Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears	#1	8" Ht. (min)	60
7		Symphyotrichum novi-belgii 'Wood's Blue'	#1	18" Ht. (min)	115

Picea pungens 'Baby Blue'	### Suniperus chinensis 'Foirview' Foirview' Foirview Juniperus Chinensis 'Foirview' Juniperus Chinensis 'Foirwiew' Juniperu		Juniperus chinensis 'Fairview' Fairview Juniper B & B & B 6' Ht. (min) 13 Picea pungens 'Baby Blue' B & B 6' Ht. (min) 15 REES R Amelanchier x grandifloro 'Robin Hill' Robin Hill Apple Serviceberry B & B B 6' Ht. (min) 7 Carpinus caroliniana 'J.N. Select A' B & B 6' Ht. (min) 3 Malus x 'Royal Raindrops' B & B B 1.5" Cal 9 CIDUOUS TREES A Acer miyabei 'Morton' B & B B 2.5" Cal 7 Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree B & B B 2.5" Cal 3 Guercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 3 Guercus macrocarpa B & B B 2.5" Cal 3 SREEN SHRUB Juniperus chinensis 'lowa' B & B 6' Ht. (min) 2 RUBS Cornus sericea 'Farrow' Aratic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia x intermedia 'Mindor' B B B B B B B B B B B B B B B B B B B	### Juniperus chinensis 'Foirview' Forriview Juniper ### Juniperus chinensis 'Foirview' Forriview Juniper ### B & B & B & B & B & B & B & B & B &	DEE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
Saby Blue Colorado Spruce	Saby Blue Colorado Spruce	TREES	REES Resident Amelanchier x grandiflora 'Rabin Hill' Robin Hill Apple Serviceberry B & B & B & Ht. (min) 7 Carpinus caroliniana 'J.N. Select A' Fire King™ American Hornbeam B & B & B & Ht. (min) 3 Malus x 'Rayal Raindrops' Royal Raindrops' Royal Roindrops Crabapple B & B & B & I.5" Cal 9 CIDUOUS TREES Acer miyabei 'Morton' State Street™ Miyabe Maple B & B & 2.5" Cal 7 Cinkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B & B 2.5" Cal 12 Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B & B 2.5" Cal 9 Quercus bicolar 'Bonnie and Mike' B & B 2.5" Cal 3 Quercus macrocarpa B & B B 2.5" Cal 3 GREEN SHRUB Juniperus chimensis 'lowo' B & B B 6' Ht. (min) 2 RUBS Cornus sericeo 'Farrow' Arctic Fire® Red Twig Daywood Forsythia x intermedia 'Mindor' Show Oft® Forsythia a' intermedia 'Mindor' B B B 36" Ht. (min) 64 Hydrangea arborescens 'Annabelle' B B B 36" Ht. (min) 37 RUBS GRASSES Allium x 'Summer Beauty' Allium \$117 Calamintha nepeta 'Montrose White' \$1 8" Ht. (min) 172 Festuca x 'Cool as lee Blue Fescue Montrose White Carbinit Montrose White Carbinit Sorie Ht. (min) 13 Palicum virgatum 'Northwind' Morthwale Switch Grass Solvie yangii 'Little Spire' Little Spire Russian Sage \$1 18" Ht. (min) 181 Seleria outumnalis Autumn Mor Crass Swer Carpet' Silver Carpet' Silver Carpet Lamb's Ears Symphyotrichum novi—belgii 'Wood's Bilve' Blue' Blue Blue Flass Blue' Blu	Saby Blue Colorado Spruce	_		B & B	6' Ht. (min)	13
GRR Amelanchier x grandiflora 'Rabin Hill'	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry B & B 6' Ht. (min) 7 Carpinus caroliniana 'J.N. Select A' Fire King''' American Hornbeam B & B 1.5" Cal 9 R Malus x 'Royal Raindrops' B & B 1.5" Cal 9 ECIDUOUS TREES M Acer miyabei 'Morton' State Street'' Miyobe Maple B & B 2.5" Cal 7 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 12 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 9 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 9 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 9 M Quercus bicolar 'Bannie and Mike' B & B 2.5" Cal 9 M Quercus macrocarpa B & B B 2.5" Cal 3 GREEN SHRUB HI Juniperus chimensis 'Iowa' B & B 6' Ht. (min) 2 IRUBS E Cornus sericea 'Farrow' B & B B 6' Ht. (min) 59 A Cornus sericea 'Farrow' B B B B 6' Ht. (min) 59 IF Arctic Fire® Red Twig Dogwood #5 36" Ht. (min) 64 A Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS HRUBS HRUBS H Juniperus chimensis 'Sea Green' B & B B 36" Ht. (min) 9 GRASSES C Allium x 'Summer Beauty' B B B 36" Ht. (min) 117 E Calamintha nepeta 'Mantrose White' B B B B 36" Ht. (min) 117 Festuca x 'Cool as Ice' Cool as Ice' B B B B 18" Ht. (min) 13 Cool as Ice Bibe Fescue #1 18" Ht. (min) 13 C Slachys byzantina 'Silver Carpet' #1 18" Ht. (min) 113 B C Silver Carpet Lamb's Ears B Symphyatrichum novi-belgii 'Wood's B B B B B B B B B B B B B B B B B B B	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry B & B 6' Ht. (min) 7 Carpinus coroliniana 'U.N. Select A' Fire King' Manerican Hornbeam B & B 4' Ht. (min) 3 RR Malus x 'Reyal Raindrops' B & B 1.5" Cal 9 ECIDUOUS TREES MM Acer miyabei 'Morton' B & B 2.5" Cal 7 Ginkga bilaba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 D Ginkga bilaba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 3 MA Quercus macrocarpa B & B 2.5" Cal 3 MA Quercus macrocarpa B & B 2.5" Cal 3 RREEN SHRUB Juniperus chinensis 'lowa' B & B 6' Ht. (min) 2 HRUBS Forsythia x intermedia Mindox' #5 36" Ht. (min) 59 M Hrydrangea arborescens 'Annabelle' #5 36" Ht. (min) 64 M Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 9 M HRUBS Forsythia x intermedia Mindox' #5 36" Ht. (min) 9 M HRUBS Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 9 M GRASSES W Alium x 'Summer Beauty' #1 18" Ht. (min) 117 M Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 117 M Festuca x 'Cool as Ice' #1 18" Ht. (min) 13 M Festuca x 'Cool as Ice' #1 18" Ht. (min) 13 M Panicum virgatum 'Northwind' Morthwind Sungangi 'Little Spire' #1 18" Ht. (min) 13 M Sceleria autumnalis #1 18" Ht. (min) 13 M Autumn Moor Grass #1 18" Ht. (min) 113 M Sceleria autumnalis #1 18" Ht. (min) 113 M Autumn Moor Grass #1 18" Ht. (min) 113 M Silver Carpet Lumb's Ears #1 8" Ht. (min) 108 M Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113 M Silver Carpet Lumb's Ears Mindow's #1 18" Ht. (min) 113 M Silver Carpet Lumb's Ears Mindow's #1 18" Ht. (min) 113 M Silver Carpet Lumb's Ears #1 8" Ht. (min) 113 M Silver Carpet Lumb's Ears Mindow's #1 18" Ht. (min) 113 M Silver Carpet Lumb's Ears Mindow's #1 18" Ht. (min) 113 M Silver Carpet Lumb's Ears Mindow's #	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry Carpinus caroliniana 'J.N. Select A' Fire King™ American Hornbeam Malus x 'Royal Raindrops' Royal Raindrops' Royal Raindrops Crobapple CIDUOUS TREES A Acer miyabei 'Morton' State Street™ Miyabe Maple Cinkgo bilaba 'PNI 2720' Princeton Sentry® Maidenhair Tree Ginkgo bilaba 'PNI 2720' Princeton Sentry® Maidenhair Tree Guercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 12 Cuercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 Cuercus macrocarpa B & B B 2.5" Cal 3 Cuercus macrocarpa B B & B 6' Ht. (min) 2 Conus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia X intermedia 'Mindor' Show Off® Forsythia X intermedia 'Mindor' B B B B 36" Ht. (min) 37 RUBS CRASSES Juniperus chinensis 'Sea Green' B B B 36" Ht. (min) 9 GRASSES Allium x 'Summer Beauty' Summer Beauty' Summer Beauty Allium X 'Summer Beauty Allium X intermedia Mindor' Festuca x 'Cool as Ice' Cool as Ice' Montrose White Carmit Festuca x 'Cool as Ice' Cool as Ice Blue Fescue #1 18" Ht. (min) 137 Ponicum virgatum 'Northwind' Morthwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage #1 18" Ht. (min) 101 Seteria autumnalis Ears Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113 Stackys byzantina 'Silver Carpet' #1 8" Ht. (min) 113 Stackys byzantina 'Silver Carpet' #1 8" Ht. (min) 113 Stackys byzantina 'Silver Carpet' #1 8" Ht. (min) 101 Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113	RRR Amelanchier x grandifiora 'Rabin Hill' Robin Hill Apple Serviceberry S Carpinus caroliniana U.N. Select A' Fire King' American Hornbeam R Malus x 'Reyal Raindrops' Royal Raindrops' Royal Raindrops' Crabapple ECIDUOUS TREES M Acer miyabei 'Morton' State Street Miyabe Maple C Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree C Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree M Ouercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 C Gurcus macrocarpa B & B 5.5" Cal 9 C Grand Ouer Sentry® Maidenhair Tree B 6 & B 6 Ht. (min) 2 C Grand Ouer Sentry® Maidenhair Tree B 8 & B 6 Ht. (min) 2 C Grand Ouer Sentry® Maidenhair Tree B 8 & B 6 Ht. (min) 2 C Grand Ouer Sentry® Maidenhair Tree B 8 & B 6 Ht. (min) 3 C GREEN SHRUB HI Juniperus chinensis 'lowa' B 8 B 6 Ht. (min) 59 C Grand Sentry® Red Twig Dogwood B 8 B 6 Ht. (min) 64 C Forsythia x intermedia 'Mindor' B 5 36" Ht. (min) 64 C Forsythia x intermedia 'Mindor' B 5 36" Ht. (min) 64 C Hydrangea arborescens 'Annabelle' B 8 B 36" Ht. (min) 9 C GRASSES U Allium x 'Summer Beauty' B 8 B 36" Ht. (min) 117 E Calamintha nepeta 'Montrose White' B 8 B 36" Ht. (min) 117 E Calamintha nepeta 'Montrose White' B 18" Ht. (min) 172 C Festuca x 'Cool as Ice' B 18" Ht. (min) 13 Northwind Switch Grass Solve Cool as Ice' B 18" Ht. (min) 13 C Slokys Dyzantina 'Silver Carpet' B 8 Ht. (min) 113 B 8 Ht. (min) 108 B 8 B 1.5" Ht. (min) 113			B & B	6' Ht. (min)	15
GRR Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry' S Carpinus caroliniana 'U.N. Select A' Fire King' American Hormbeam S Carpinus caroliniana 'U.N. Select A' Fire King' American Hormbeam RR Malus x 'Reyal Raindrops' Royal Raindrops Crabapple B & B 1.5" Cal 9 DECIDUOUS TREES MM Acer miyabei 'Morton' B & B B 1.5" Cal 9 Ginkgo Bilaba 'P.NI 2720' Princetan Sentry® Maidenhair Tree B & B B 2.5" Cal 12 DECIDUOUS TREES MM Quercus bicolar 'Bonnie and Mike' B & B 2.5" Cal 12 DU Ginkgo Bilaba 'P.NI 2720' B & B B 2.5" Cal 9 BM Quercus bicolar 'Bonnie and Mike' B & B 2.5" Cal 9 BM Quercus macrocarpa B & B B 2.5" Cal 3 MM Quercus macrocarpa B & B B 6' Ht. (min) 2 BHUBS CH Juniperus chinensis 'lowa' B & B 6' Ht. (min) 59 Arctic Fire® Red Iwig Dogwood #5 36" Ht. (min) 64 Arctic Fire® Red Iwig Dogwood #5 36" Ht. (min) 64 Annobelle Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 SHRUBS CH Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 & GRASSES SU Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 117 WE Calamintha nepeta 'Mantrose White' Mortose White Carlmin Morthwind' Switch Gross WIN Panicum virgatum Northwind' Morthwind Switch Gross WIN Panicum virgatum 'Northwind' Morthwind Switch Gross Solve yangi' "Little Spire' #1 18" Ht. (min) 101 WE Sesleria autumnalis #1 18" Ht. (min) 113 Autumn Moor Grass Silver Corpet' #1 8" Ht. (min) 113 WE Stackys byzantina 'Silver Corpet' #1 8" Ht. (min) 113 WE Stackys byzantina 'Silver Corpet' #1 8" Ht. (min) 113	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry B & B 6' Ht. (min) 7 Carpinus caroliniana 'J.N. Select A' Fire King''' American Hornbeam B & B 1.5" Cal 9 R Malus x 'Royal Raindrops' B & B 1.5" Cal 9 ECIDUOUS TREES M Acer miyabei 'Morton' State Street'' Miyobe Maple B & B 2.5" Cal 7 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 12 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 9 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 9 Cinkgo bilaba 'PNI 2720' B & B 2.5" Cal 9 M Quercus bicolar 'Bannie and Mike' B & B 2.5" Cal 9 M Quercus macrocarpa B & B B 2.5" Cal 3 GREEN SHRUB HI Juniperus chimensis 'Iowa' B & B 6' Ht. (min) 2 IRUBS E Cornus sericea 'Farrow' B & B B 6' Ht. (min) 59 A Cornus sericea 'Farrow' B B B B 6' Ht. (min) 59 IF Arctic Fire® Red Twig Dogwood #5 36" Ht. (min) 64 A Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS HRUBS HRUBS H Juniperus chimensis 'Sea Green' B & B B 36" Ht. (min) 9 GRASSES C Allium x 'Summer Beauty' B B B 36" Ht. (min) 117 E Calamintha nepeta 'Mantrose White' B B B B 36" Ht. (min) 117 Festuca x 'Cool as Ice' Cool as Ice' B B B B 18" Ht. (min) 13 Cool as Ice Bibe Fescue #1 18" Ht. (min) 13 C Slachys byzantina 'Silver Carpet' #1 18" Ht. (min) 113 B C Silver Carpet Lamb's Ears B Symphyatrichum novi-belgii 'Wood's B B B B B B B B B B B B B B B B B B B	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry B & B 6' Ht. (min) 7 Carpinus coroliniana 'U.N. Select A' Fire King' Manerican Hornbeam B & B 4' Ht. (min) 3 RR Malus x 'Reyal Raindrops' B & B 1.5" Cal 9 ECIDUOUS TREES MM Acer miyabei 'Morton' B & B 2.5" Cal 7 Ginkga bilaba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 D Ginkga bilaba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 3 MA Quercus macrocarpa B & B 2.5" Cal 3 MA Quercus macrocarpa B & B 2.5" Cal 3 RREEN SHRUB Juniperus chinensis 'lowa' B & B 6' Ht. (min) 2 HRUBS Forsythia x intermedia Mindox' #5 36" Ht. (min) 59 M Hrydrangea arborescens 'Annabelle' #5 36" Ht. (min) 64 M Hydrangea arborescens 'Annabelle' #5 36" Ht. 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(min) 113 M Silver Carpet Lumb's Ears Mindow's #	Amelanchier x grandiflora 'Robin Hill' Robin Hill Apple Serviceberry Carpinus caroliniana 'J.N. Select A' Fire King™ American Hornbeam Malus x 'Royal Raindrops' Royal Raindrops' Royal Raindrops Crobapple CIDUOUS TREES A Acer miyabei 'Morton' State Street™ Miyabe Maple Cinkgo bilaba 'PNI 2720' Princeton Sentry® Maidenhair Tree Ginkgo bilaba 'PNI 2720' Princeton Sentry® Maidenhair Tree Guercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 12 Cuercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 Cuercus macrocarpa B & B B 2.5" Cal 3 Cuercus macrocarpa B B & B 6' Ht. (min) 2 Conus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia X intermedia 'Mindor' Show Off® Forsythia X intermedia 'Mindor' B B B B 36" Ht. (min) 37 RUBS CRASSES Juniperus chinensis 'Sea Green' B B B 36" Ht. (min) 9 GRASSES Allium x 'Summer Beauty' Summer Beauty' Summer Beauty Allium X 'Summer Beauty Allium X intermedia Mindor' Festuca x 'Cool as Ice' Cool as Ice' Montrose White Carmit Festuca x 'Cool as Ice' Cool as Ice Blue Fescue #1 18" Ht. (min) 137 Ponicum virgatum 'Northwind' Morthwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage #1 18" Ht. (min) 101 Seteria autumnalis Ears Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113 Stackys byzantina 'Silver Carpet' #1 8" Ht. (min) 113 Stackys byzantina 'Silver Carpet' #1 8" Ht. (min) 113 Stackys byzantina 'Silver Carpet' #1 8" Ht. (min) 101 Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113	RRR Amelanchier x grandifiora 'Rabin Hill' Robin Hill Apple Serviceberry S Carpinus caroliniana U.N. Select A' Fire King' American Hornbeam R Malus x 'Reyal Raindrops' Royal Raindrops' Royal Raindrops' Crabapple ECIDUOUS TREES M Acer miyabei 'Morton' State Street Miyabe Maple C Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree C Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree M Ouercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 C Gurcus macrocarpa B & B 5.5" Cal 9 C Grand Ouer Sentry® Maidenhair Tree B 6 & B 6 Ht. (min) 2 C Grand Ouer Sentry® Maidenhair Tree B 8 & B 6 Ht. (min) 2 C Grand Ouer Sentry® Maidenhair Tree B 8 & B 6 Ht. (min) 2 C Grand Ouer Sentry® Maidenhair Tree B 8 & B 6 Ht. (min) 3 C GREEN SHRUB HI Juniperus chinensis 'lowa' B 8 B 6 Ht. (min) 59 C Grand Sentry® Red Twig Dogwood B 8 B 6 Ht. (min) 64 C Forsythia x intermedia 'Mindor' B 5 36" Ht. (min) 64 C Forsythia x intermedia 'Mindor' B 5 36" Ht. (min) 64 C Hydrangea arborescens 'Annabelle' B 8 B 36" Ht. (min) 9 C GRASSES U Allium x 'Summer Beauty' B 8 B 36" Ht. (min) 117 E Calamintha nepeta 'Montrose White' B 8 B 36" Ht. (min) 117 E Calamintha nepeta 'Montrose White' B 18" Ht. (min) 172 C Festuca x 'Cool as Ice' B 18" Ht. (min) 13 Northwind Switch Grass Solve Cool as Ice' B 18" Ht. (min) 13 C Slokys Dyzantina 'Silver Carpet' B 8 Ht. (min) 113 B 8 Ht. (min) 108 B 8 B 1.5" Ht. (min) 113	TREES	 S			
Fire King™ American Hornbeam Fire King™ American Hornbeam RR Malus x 'Royal Raindrops' Royal Raindrops' Royal Raindrops Crabapple B & B 1.5" Cal 9 DECIDUOUS TREES MM Acer miyabei 'Morton' State Street™ Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 BM Guercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 BM Guercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 BM Guercus macrocarpa B & B 5.5" Cal 3 BM Guercus macrocarpa B & B 5.5" Cal 9 BM Guercus macrocarpa B & B 6' Ht. (min) 2 BHRUBS CHI Juniperus chinensis 'lowa' B & B 6' Ht. (min) 59 SHRUBS SHRUBS SHRUBS Cornus sericea 'Farrow' #5 36" Ht. (min) 64 Forsythia x intermedia 'Mindor' #5 36" Ht. (min) 64 Annabelle Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 SHRUBS CH Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 & GRASSES CH Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 117 SHRUBS CH Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 117 SHRUBS CH Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 117 NE Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 172 Malium x 'Summer Beauty Allium #1 18" Ht. (min) 172 MC Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 13 All Panicum virgatum 'Northwind' Morthwind Switch Cross SINCE Salva yongii 'Little Spire' #1 18" Ht. (min) 13 Autumn Moor Grass SC Stachys byzantina 'Silver Carpet' Silver Carpet and Scars Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113 WB Glue' #1 18" Ht. (min) 113	Fire King® American Hornbeam R Malus x 'Royal Raindrops' Royal Raindrops Crabapple ECIDUOUS TREES M Acer miyabei 'Morton' State Street™ Miyabe Maple Ginkga biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree M Guercus bicolor 'Bannie and Mike' B & B 2.5" Cal Guercus bicolor 'Bannie and Mike' B & B 2.5" Cal Guercus macrocarpa B & B & B 2.5" Cal GREEN SHRUB Juniperus chinensis 'lowa' lowa Juniper Acronus sericea 'Farrow' Arctic Fire® Red Twig Dogwood #5 36" Ht. (min) 59 Forsythia x intermedia 'Mindor' #5 36" Ht. (min) 64 Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS GRASSES Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 GRASSES Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 117 E Calamintha nepsto 'Montrose White' #1 18" Ht. (min) 13 N Panicum virgatum 'Northwind' Morthwind Switch Grass N Northwind Switch Grass Salvia yangi 'Little Spire' Little Spire Russian Sage Stachys Dyzantino 'Silver Carpet' #1 8" Ht. (min) 113 B W Ht. (min) 114 B W Ht. (min) 115 B W Ht. (min) 115 B W Ht. (min) 117 B W Ht. (min) 113	Fire King™ American Hornbeam B	Fire King M American Hornbeam B & B 4 Ht. (min) 3	Fire King® American Hornbeam Reference of Royal Raindrops' Royal Raindrops Crabapple ECIDUOUS TREES IM Acer miyabei 'Morton' State Street® Miyabe Maple Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 9 Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 9 Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 9 Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 9 Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 9 Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care Ginkgo biloba 'PNI 2728' Princeton Sentry® Maidenhair Tree Care G	ODD.	Amelanchier x grandiflora 'Robin Hill'	B & B	6' Ht. (min)	7
DECIDUOUS TREES MM	ECIDUOUS TREES M Acer miyabei 'Morton' State Street' Miyabe Maple B & B 2.5" Cal 7 Ginkgo bilobo 'PNI 2720' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 M Quercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 M Quercus macrocarpa B & B 2.5" Cal 9 M Quercus macrocarpa B & B 2.5" Cal 9 GREEN SHRUB HI Juniperus chinensis 'Iowa' B & B 6' Ht. (min) 2 IRUBS E Cornus sericea 'Farrow' Arctic Fire® Red Twig Dagwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Annabelle Hydrangea Annabelle Hydrangea Troposythia Phydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS HRUBS GRASSES G Allium x 'Summer Beauty' B & B 36" Ht. (min) 9 GRASSES G Salvia yangii 'Little Spire' #1 18" Ht. (min) 172 Mortrose White Caramint Northwind' Northwind Switch Cross Solve Story by Juniperus Description of Salvia yangii 'Little Spire' Little Spire' Little Spire' Little Spire' Juliwer Corpet Lamb's Ears B Bus Bus	Section Sect	CIDUOUS TREES Acer miyabei 'Morton' State Street™ Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree Guercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 12 Quercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 Quercus macrocarpa B & B 2.5" Cal 9 Quercus macrocarpa B & B 5.5" Cal 3 GREEN SHRUB Il Juniperus chinensis 'Iowa' B & B 6' Ht. (min) 2 RUBS Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Annabelle Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 RUBS Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 GRASSES Allium x 'Summer Beauty' Summer Beauty' Allium #1 18" Ht. (min) 117 Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue #1 18" Ht. (min) 172 Fastuca x 'Cool as Ice' Cool as Ice' #1 18" Ht. (min) 191 Salvia yangii 'Little Spire' Little Spire' Little Spire' Russian Sage Sesleria autumnalis Autumn Moor Grass Stachys byzantina 'Silver Carpet' #1 8" Ht. (min) 101 Silver Carpet Lamb's Ears Symphyotrichum novi-belgii 'Wood's Blue' #1 8" Ht. (min) 113 B & B W B 2.5" Cal 7 A	ECIDUOUS TREES IM Acer miyabei 'Morton' State Street ** Miyabe Maple B & B 2.5" Cal 7 Clinkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 IM Quercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 IM Quercus macrocarpa Burr Oak B & B 2.5" Cal 9 IM Quercus macrocarpa B & B B 2.5" Cal 9 IM Quercus macrocarpa B & B B 2.5" Cal 9 IM Quercus macrocarpa B B & B 2.5" Cal 9 IM Quercus macrocarpa B B & B 6' Ht. (min) 2 IM Juniperus chinensis 'lowa' B & B 6' Ht. (min) 2 IM Juniperus chinensis 'lowa' B B B B 6' Ht. (min) 59 IM Forsythia x intermedia 'Mindor' B B B B 6' Ht. (min) 64 IM Hydrangea arborescens 'Annabelle' B B B B 36" Ht. (min) 9 IM Sea Green Juniper Beauty' B B B B 36" Ht. (min) 9 IM Sea Green Juniper Beauty' B B B B B B B B B B B B B B B B B B B			B & B	4' Ht. (min)	3
Acer miyabei 'Morton' State Street™ Miyabe Maple B & B 2.5" Cal 7 Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree B & B 2.5" Cal 12 GM Quercus bicolor 'Bonnie and Mike' B & B 2.5" Cal 9 GM Quercus macrocarpa B & B 2.5" Cal 3 GMA Quercus macrocarpa B & B B 2.5" Cal 3 GREEN SHRUB CHI Juniperus chinensis 'Iowa' B & B 6' Ht. (min) 2 HRUBS SE Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Arctic Fire	Acer miyabei 'Morton' State Street™ Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree M Quercus bicolor 'Bonnie and Mike' Beacon® Oak Quercus macrocarpa Burr Oak GREEN SHRUB Juniperus chinensis 'Iowa' lowa Juniper E Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea HYDRUBS GRASSES GRASSES GRASSES GRASSES GRASSES GRASSES GRASSES GRASSES A Paicum x 'Summer Beauty' Summer Beauty Allium Festuca x 'Cool as Ice' Cool as Ice Blue Fescue Northwind Switch Grass Northwind Switch Grass Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Janey Blue' Graphyotrichum novi-belgii 'Wood's Bury Burle Symphyotrichum novi-belgii 'Wood's Burle Burle 18" Ht. (min) 113 18" Ht. (min) 114" Ht. (min) 115 115" Ht. (min) 116" Ht. (min) 117 118" Ht. (min) 119 118" Ht. (min) 1113	Acer miyabei 'Morton' State Street™ Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree Maid Ouercus bicolor 'Bonnie and Mike' Beacon® Oak Maid Ouercus macrocarpa Burr Oak RAGREEN SHRUB SHI Juniperus chinensis 'lowa' lowa Juniper Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Maid Hydrangea arborescens 'Annabelle' Anabelle Hydrangea SH Juniperus chinensis 'Sea Green' Maid Hydrangea chinensis 'Sea Green' Sea Green Juniper Baid Ht. (min) Acard Anabelle Hydrangea HRUBS CH Salvim x 'Summer Beauty' Summer Beauty Allium Maid Calamintha nepeta 'Montrose White' Montrose White Catmint Montrose White Catmin Montrose White Mil 18" Ht. (min) 113	Acer miyabei 'Morton' State Street Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree Guercus bicolor 'Bonnie and Mike' Beacon® Oak Quercus macrocarpa Burr Oak Guercus macrocarpa Burr Oak B & B 2.5" Cal Janiperus chinensis 'lowa' Iowa Juniperus chinensis 'lowa' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea Hydrangea arborescens 'Annabelle' Annabelle Hydrangea GRASES GRASES GRASES Allum x 'Summer Beauty' Summer Beauty Allium Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue H1 18" Ht. (min) 172 Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Festeria autumnalis Autumn Moor Grass Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears Gymphyotrichum novi-belgii 'Wood's Blue' #1 18" Ht. (min) 113 Blue' H1. (min) 113 Blue' H1. (min) 113	Acer miyabei 'Morton' State Street™ Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree M Quercus bicolor 'Bonnie and Mike' Beacon® Oak M Quercus macrocarpa Burr Oak GREEN SHRUB HI Juniperus chinensis 'lowa' Iowa Juniper E Calamintha nepeta 'Montrose White' M Anothewing Switch Grass M Waltim X 'Summer Beauty' M Summer Beauty Allium F Festuca X 'Cool as Ice' Cool as Ice Blue Fescue M Northwind Switch Grass M Salvia yangii 'Little Spire' U Sesferia autumnalis M Sesseria B B W B C.5" Cal 7 8 & B B 2.5" Cal 9 8 & B 2.5" Cal 9 8 & B 2.5" Cal 9 8 & B 6' Ht. (min) 2 8 & B 6' Ht. (min) 2 8 & B 6' Ht. (min) 59 8 & B 6' Ht. (min) 59 8 & B 36" Ht. (min) 59 8 & B 36" Ht. (min) 37 8 & B 36" Ht. (min) 37 8 & B 36" Ht. (min) 117 8 & B 36" Ht. (min) 117 9 A Summer Beauty Allium Montrose White Catmint Montrose White Catmint Montrose White Catmint M Northwind Switch Grass 9 A Salvia yangii 'Little Spire' U Little Spire Russian Sage U Sesferia autumnalis Autumn Moor Grass M Symphyotrichum novi-belgii 'Wood's B Blue' # 1 18" Ht. (min) 113 # 18" Ht. (min) 113			B & B	1.5" Cal	9
State Street™ Miyabe Maple P Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree B B B Guercus bicolor 'Bonnie and Mike' Beacon® Oak MA Quercus macrocarpa Burr Oak B B B B B B CHI Juniperus chinensis 'Iowa' Iowa Juniper Gornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood MA Hydrangea arborescens 'Annabelle' Annabelle Hydrangea Hydrangea arborescens 'Annabelle' Annabelle Hydrangea B B B B B B CHI B B B B CHI B B B B B CHI B B B B B B B B B B B B B	State Street™ Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree M Quercus bicolor 'Bannie and Mike' B & B 2.5" Cal Quercus macrocarpa Burr Oak GREEN SHRUB Juniperus chinensis 'lowa' lowa Juniper E Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea GRASES GRASES Juniperus chinensis 'Sea Green' Sea Green Juniper GRASES GRASES Juniperus chinensis 'Sea Green' Sea Green Juniper HI 18" Ht. (min) 117 Calamintha nepeta 'Montrose White' Montrose White Catmint Mill 18" Ht. (min) 113 Mell 18" Ht. (min) 113	State Street Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree May Duercus bicolor 'Bonnie and Mike' Bacon® Oak May Duercus macrocarpa Burr Oak Bacon® Oak May Duniperus chinensis 'lowa' Iowa Juniper Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood May Hydrangea arborescens 'Annabelle' Annabelle Hydrangea HHUBS HHUBS HHUBS HHUBS CH Juniperus chinensis 'Sea Green' May Show Off® Forsythia May Hydrangea arborescens 'Annabelle' Annabelle Hydrangea HRUBS CH Sea Green Juniper Red Twig Dogwood May Show Off® Forsythia May Hydrangea arborescens 'Annabelle' May Hydrangea arborescens 'Annabelle' May Hydrangea Annabelle' May Hydrangea HRUBS CH Sea Green Juniper Red Htt. (min) Red Green Juniper Red Htt. (min) Red Htt. (min)	Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree Guercus bicolor 'Bonnie and Mike' Beacon® Oak Quercus macrocarpa Burr Oak Beacon® Oak Guercus macrocarpa Burr Oak Beacon®	State Street™ Miyabe Maple Ginkgo biloba 'PNI 2720' Princeton Sentry® Maidenhair Tree M Quercus bicolor 'Bonnie and Mike' B & B 2.5" Cal Quercus macrocarpa Burr Oak B & B 2.5" Cal GREEN SHRUB Juniperus chinensis 'lowa' lowa Juniper E Caronus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea M Juniperus chinensis 'Sea Green' Sea Green Juniper B & B 36" Ht. (min) 37 HRUBS Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue M Northwind Switch Grass W Selva yangii 'Little Spirer U Selva in Juniperus Selver Carpet' S Salvia yangii 'Little Spirer U Selver Carpet Lamb's Ears Symphystrichum novi-belgii 'Wood's B Blue' #1 18" Ht. (min) 113 #1 18" Ht. (min) 113 #1 18" Ht. (min) 101	ECIDU	IOUS TREES			
Princeton Sentry® Maidenhair Tree BM Quercus bicolor 'Bonnie and Mike' Beacon® Oak MA Quercus macrocarpa Burr Oak B & B 2.5" Cal 9 RGREEN SHRUB CHI Juniperus chinensis 'Iowa' Iowa Juniper SHRUBS SE Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood MA Hydrangea arborescens 'Annabelle' Annabelle Hydrangea Hydrangea arborescens 'Annabelle' Annabelle Hydrangea SHRUBS CH Sea Green Juniper B & B 36" Ht. (min) 37 SHRUBS CH Sea Green Juniper B & B 36" Ht. (min) 117 ME Calamintha nepeta 'Montrose White' Montrose White Catmint Al Festuca x 'Cool as Ice' Cool as Ice Blue Fescue VIN Panicum virgatum 'Northwind' Northwind Switch Grass AL Salvia yangii 'Little Spire' Little Spire Russian Sage AL Sesleria autumnalis Autumn Moor Grass Symphystrichum novi-belgii 'Wood's Blue' #1 18" Ht. (min) 113 8" Ht. (min) 113 8" Ht. (min) 113 8" Ht. (min) 113 8" Ht. (min) 113	Princeton Sentry® Maidenhair Tree Princeton Sentry® Maidenhair Tree Ma Quercus bicolor 'Bonnie and Mike' Beacon® Oak Quercus macrocarpa Burr Oak B & B 2.5" Cal GREEN SHRUB Hill Juniperus chinensis 'lowa' lowa Juniper B & B 6' Ht. (min) 2 IRUBS E Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia A Hydrangea arborescens 'Annabelle' Annabelle Hydrangea HRUBS HRUBS GRASSES G Allium x 'Summer Beauty' Sea Green Juniper GRASSES G Allium x 'Summer Beauty' Summer Beauty Allium E Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue M Panicum virgatum 'Northwind' Northwind Switch Grass G Salvia yangii 'Little Spire' Little Spire Russian Sage G Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears Symphystrichum novi-belgii 'Wood's B Blue' #1 18" Ht. (min) 113 #1 18" Ht. (min) 101 #1 18" Ht. (min) 113 #1 18" Ht. (min) 101 #1 18" Ht. (min) 113	Princeton Sentry® Maidenhair Tree Princeton Princeton Sentry Princeton Princeton Sentry Princeton Sentry® Maidenhair Tree Princeton Sentry® Maidenhair T	Princeton Sentry® Maidenhair Tree Quercus bicolor 'Bonnie and Mike' Beacon® Oak Quercus macrocarpa Burr Oak Quercus macrocarpa Burr Oak Bareen Shrub Juniperus chinensis 'Iowa' Iowa Juniper Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea RUBS QRASSES Allium x 'Summer Beauty' Sea Green Juniper Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue Panicum virgatum 'Northwind' Morthwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Symphyotrichum novi—belgii 'Wood's Bus B	Princeton Sentry® Maidenhair Tree May Quercus bicolor 'Bonnie and Mike' Beacon® Oak May Quercus macrocarpa Burr Oak May Bay Bay Bay Bay Bay Bay Bay Bay Bay B			B & B	2.5" Cal	7
### Beacon® Oak B & B 2.5 Cal 9	Beacon® Oak Quercus macrocarpa Burr Oak B & B 2.5" Cal 3 GREEN SHRUB HI Juniperus chinensis 'Iowa' Iowa Juniper E Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood A Hydrangea arborescens 'Annabelle' Annabelle Hydrangea Hydrangea arborescens 'Annabelle' Annabelle Hydrangea B & B 6' Ht. (min) 59 Forsythia x intermedia 'Mindor' Show Off® Forsythia A Hydrangea arborescens 'Annabelle' Annabelle Hydrangea B & B 36" Ht. (min) 37 HRUBS GRASSES GRA	Beacon® Oak AA Quercus macrocarpa Burr Oak B & B 2.5" Cal 3 BGREEN SHRUB SHI Juniperus chinensis 'lowa' B & B 6' Ht. (min) 2 HRUBS BE Cornus sericea 'Farrow' #5 36" Ht. (min) 59 N Forsythia x intermedia 'Mindor' #5 36" Ht. (min) 64 HY Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS CH Annabelle Hydrangea HUBS CH Sea Green Juniper B & B 36" Ht. (min) 9 R GRASSES CH Summer Beauty Allium #1 18" Ht. (min) 117 BE Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 172 MIN Panicum virgatum 'Northwind' Montrose White Catemint 18" Ht. (min) 13 MIN Panicum virgatum 'Northwind' #1 24" Ht. (min) 97 Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 M Sesleria autumnalis #1 18" Ht. (min) 101 M Sesleria autumnalis #1 18" Ht. (min) 101 Sesleria autumnalis #1 18" Ht. (min) 103 Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113	Beacon® Oak Quercus macrocarpa Burr Oak B & B 2.5" Cal 3 GREEN SHRUB Juniperus chinensis 'Iowa' Iowa Juniper Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood Forsythia x intermedia 'Mindor' Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea RUBS RUBS RUBS RUBS GRASSES Allium x 'Summer Beauty' Summer Beauty Allium Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue I Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Symphystrichum novi-belgii 'Wood's Blue' #1 18" Ht. (min) 113 B & B 2.5" Cal 3 3 B & B 2.5" Cal 3 3 B & B 2.5" Cal 3 3 B & B 6' Ht. (min) 2 36" Ht. (min) 59 46 B & B 36" Ht. (min) 59 46 B & B 36" Ht. (min) 117 118" Ht. (min) 117 118" Ht. (min) 117 124" Ht. (min) 135 14" Ht. (min) 131 34" Ht. (min) 131 35" Ht. (min) 131 48" Ht. (min) 131 48" Ht. (min) 131 48" Ht. (min) 132 48" Ht. (min) 133 35" Ht. (min) 134 48" Ht. (min) 135 35" Symphystrichum novi-belgii 'Wood's B Blue' #1 18" Ht. (min) 113	Beacon® Oak Quercus macrocarpa Burr Oak B & B			B & B	2.5" Cal	12
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CHI Juniperus chinensis 'Iowa' B & B 6' Ht. (min) 2 CHRUBS SE Cornus sericea 'Farrow' #5 36" Ht. (min) 59 IN Forsythia x intermedia 'Mindor' #5 36" Ht. (min) 64 AA Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 CHRUBS CH Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 CH Sea Green Juniper B & B 36" Ht. (min) 9 CH Summer Beauty Hium #1 18" Ht. (min) 117 NE Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 172 AI Festuca x 'Cool as Ice' #1 18" Ht. (min) 13 AIN Panicum virgatum 'Northwind' #1 18" Ht. (min) 97 AS Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 AU Sesleria autumnalis #1 18" Ht. (min) 101 AU Sesleria autumnalis #1 18" Ht. (min) 101 AU Autumn Moor Grass #1 18" Ht. (min) 101 AU Sesleria autumnalis #1 18" Ht. (min) 101 AU Autumn Moor Grass #1 18" Ht. (min) 103 SC Stachys byzantina 'Silver Carpet' #1 8" Ht. (min) 60 Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113	HI Juniperus chinensis 'lowa' B & B 6' Ht. (min) 2 IRUBS E Cornus sericea 'Farrow' #5 36" Ht. (min) 59 I Forsythia x intermedia 'Mindor' #5 36" Ht. (min) 64 Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS H Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 GRASSES GRASSES GRASSES GRASSES GRASSES J Allium x 'Summer Beauty' #1 18" Ht. (min) 172 E Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 172 Festuca x 'Cool as Ice' Cool as Ice Blue Fescue #1 18" Ht. (min) 13 N Panicum virgatum 'Northwind' #1 18" Ht. (min) 97 Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASSES Salvia yangii 'Little Spire' Little Spire Russian Sage #1 18" Ht. (min) 101 GRASSES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 113 GRASES Salvia yangii 'Little Spire' #1 18" Ht. (min) 113	HRUBS Cornus sericea 'Farrow' Arctic Fire® Red Twig Dogwood #5 36" Ht. (min) 59 N Forsythia x intermedia 'Mindor' #5 36" Ht. (min) 64 Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS	RUBS Cornus sericea 'Farrow' #5 36" Ht. (min) 59 Forsythia x intermedia 'Mindor' Show Off® Forsythia Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 RUBS RUBS RUBS RUBS RUBS RUBS RUBS Annabelle Hydrangea RUBS Annabelle Hydrangea RUBS Allium x 'Summer Beauty' Summer Beauty' Summer Beauty Allium #1 18" Ht. (min) 117 Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 172 Cool as Ice Blue Fescue #1 18" Ht. (min) 13 Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage #1 18" Ht. (min) 113 Sea Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears Symphyotrichum novi-belgii 'Wood's Blue' #1 18" Ht. (min) 113 RUBS 1	HI Juniperus chinensis 'Iowa' B & B 6' Ht. (min) 2 HRUBS E Cornus sericea 'Farrow' #5 36" Ht. (min) 59 I Forsythia x intermedia 'Mindor' #5 36" Ht. (min) 64 A Hydrangea arborescens 'Annabelle' #5 36" Ht. (min) 37 HRUBS H Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 GRASSES U Allium x 'Summer Beauty' #1 18" Ht. (min) 117 E Calamintha nepeta 'Montrose White' #1 18" Ht. (min) 172 M Festuca x 'Cool as Ice' Cool as Ice Bue Fescue #1 18" Ht. (min) 13 IN Panicum virgatum 'Northwind' Northwind Switch Grass #1 18" Ht. (min) 101 B Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 Autumn Moor Grass #1 18" Ht. (min) 101 C Stachys byzantina 'Silver Carpet' 8" Ht. (min) 60 Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113 B Blue' #1 18" Ht. (min) 113	RGREF	N SHRUB		1	
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Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea SHRUBS CH Juniperus chinensis 'Sea Green' Sea Green Juniper B & B 36" Ht. (min) 9 R GRASSES SU Allium x 'Summer Beauty' Summer Beauty Allium NE Calamintha nepeta 'Montrose White' Montrose White Catmint All Festuca x 'Cool as Ice' Cool as Ice Blue Fescue VIN Panicum virgatum 'Northwind' Northwind Switch Grass LS Salvia yangii 'Little Spire' Little Spire Russian Sage AU Sesleria autumnalis Autumn Moor Grass SC Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears WB Blue' H1 18" Ht. (min) 113 BC Symphyotrichum novi—belgii 'Wood's Blue' #1 8" Ht. (min) 60	Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea HS 36" Ht. (min) 37 HRUBS H Juniperus chinensis 'Sea Green' Sea Green Juniper B & B 36" Ht. (min) 9 GRASSES U Summer Beauty' Summer Beauty Allium E Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue N Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage U Sesleria autumnalis Autumn Moor Grass C Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears Symphyotrichum novi—belgii 'Wood's Blue' #1 18" Ht. (min) 113 113	Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea HRUBS HRU	Show Off® Forsythia Hydrangea arborescens 'Annabelle' Annabelle Hydrangea **Pstage of the company of the comp	Show Off® Forsythia A Hydrangea arborescens 'Annabelle' A Hydrangea arborescens 'Annabelle' A Hydrangea arborescens 'Annabelle' Annabelle Hydrangea HRUBS H Juniperus chinensis 'Sea Green' Sea Green Juniper B & B 36" Ht. (min) 9 GRASSES U Summer Beauty' Summer Beauty Allium E Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue W Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage W Sesleria autumnalis Autumn Moor Grass C Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears Symphyotrichum novi—belgii 'Wood's Blue' #1 18" Ht. (min) 113 113)E	Arctic Fire® Red Twig Dogwood	#5	36" Ht. (min)	59
SHRUBS CH Juniperus chinensis 'Sea Green' B & B & B 36" Ht. (min) 9 & GRASSES SU Allium x 'Summer Beauty' #1 18" Ht. (min) 117 NE Calamintha nepeta 'Montrose White' Montrose White Catmint #1 18" Ht. (min) 172 All Festuca x 'Cool as Ice' #1 18" Ht. (min) 13 VIN Panicum virgatum 'Northwind' Northwind Switch Grass LS Salvia yangii 'Little Spire' Little Spire Russian Sage #1 18" Ht. (min) 101 AU Sesleria autumnalis Autumn Moor Grass SC Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears WWB Blue' #1 18" Ht. (min) 113 WWB Blue' #1 8" Ht. (min) 60 WWB Blue' #1 18" Ht. (min) 113	Annabělle Hydrangea #5 36 Ht. (min) 37 HRUBS H Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 GRASSES H Allium x 'Summer Beauty' #1 18" Ht. (min) 117 E Calamintha nepeta 'Montrose White' Montrose White Catmint #1 18" Ht. (min) 172 Festuca x 'Cool as Ice' #1 18" Ht. (min) 13 N Panicum virgatum 'Northwind' #1 24" Ht. (min) 97 Salvia yangii 'Little Spire' #1 18" Ht. (min) 101 Sessleria autumnalis Autumn Moor Grass #1 18" Ht. (min) 113 C Stachys byzantina 'Silver Carpet' #1 8" Ht. (min) 60 Symphyotrichum novi-belgii 'Wood's #1 8" Ht. (min) 113 E Symphyotrichum novi-belgii 'Wood's #1 18" Ht. (min) 113	HRUBS CH Juniperus chinensis 'Sea Green' B & B 36" Ht. (min) 9 K GRASSES CU Allium x 'Summer Beauty' H1 18" Ht. (min) 117 JE Calamintha nepeta 'Montrose White' Montrose White Catmint H2 Festuca x 'Cool as Ice' Cool as Ice Blue Fescue H1 18" Ht. (min) 13 JIN Panicum virgatum 'Northwind' Northwind Switch Grass S Salvia yangii 'Little Spire' Little Spire Russian Sage H1 18" Ht. (min) 101 JE Sesleria autumnalis Autumn Moor Grass S Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears SYMPhyotrichum novi—belgii 'Wood's Blue' H1 (min) 113 JUN B Blue' H1 (min) 113	RUBS Juniperus chinensis 'Sea Green' Sea Green Juniper B & B 36" Ht. (min) 9 GRASSES Allium x 'Summer Beauty' Summer Beauty Allium Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Sesleria autumnalis Autumn Moor Grass Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears B Blue' #1 18" Ht. (min) 113 #1 18" Ht. (min) 101 #1 18" Ht. (min) 101 #1 8" Ht. (min) 101	HRUBS H Juniperus chinensis 'Sea Green' Sea Green Juniper B & B 36" Ht. (min) 9 GRASSES U Allium x 'Summer Beauty' Summer Beauty Allium E Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue W Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage W Sesleria autumnalis Autumn Moor Grass C Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears W Blue' #1 18" Ht. (min) 101	'V	Show Off® Forsythia	#5	36" Ht. (min)	64
CH Juniperus chinensis 'Sea Green' Sea Green Juniper B & B 36" Ht. (min) 9 R GRASSES GU Allium x 'Summer Beauty' Summer Beauty Allium #1 18" Ht. (min) 117 NE Calamintha nepeta 'Montrose White' Montrose White Catmint #1 18" Ht. (min) 172 All Festuca x 'Cool as Ice' Cool as Ice Blue Fescue #1 18" Ht. (min) 13 All Panicum virgatum 'Northwind' Northwind Switch Grass #1 24" Ht. (min) 97 LS Salvia yangii 'Little Spire' Little Spire Russian Sage #1 18" Ht. (min) 101 Sesleria autumnalis Autumn Moor Grass Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears #1 8" Ht. (min) 60 Symphyotrichum novi—belgii 'Wood's Blue' #1 18" Ht. (min) 113	GRASSES Allium x 'Summer Beauty' Summer Beauty Allium Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Sesleria autumnalis Autumn Moor Grass Symphyotrichum novi-belgii 'Wood's Blue' B & B 36" Ht. (min) 9 18" Ht. (min) 117 18" Ht. (min) 172 18" Ht. (min) 172 18" Ht. (min) 173 18" Ht. (min) 173 18" Ht. (min) 173 18" Ht. (min) 173	GRASSES GU Allium x 'Summer Beauty' Summer Beauty Allium Montrose White Catmint Morthwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Mu Sesleria autumnalis Autumn Moor Grass Symphyotrichum novi—belgii 'Wood's Blue' Symphyotrichum novi—belgii 'Wood's Bu Sesleria and uniper Summin Summin Search Service Silver Carpet Lamb's Ears Mu Segment Search Se	GRASSES GRASSES GRASSES Allium x 'Summer Beauty' Summer Beauty Allium Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue Panicum virgatum 'Northwind' Northwind Switch Grass Salvia yangii 'Little Spire' Little Spire Russian Sage Sesleria autumnalis Autumn Moor Grass Symphyotrichum novi—belgii 'Wood's Blue' GRASSES B & B 36" Ht. (min) 9 117 18" Ht. (min) 117 18" Ht. (min) 172 118" Ht. (min) 101 113 114" Ht. (min) 113	H Juniperus chinensis 'Sea Green' Sea Green Juniper GRASSES U Allium x 'Summer Beauty' Summer Beauty Allium E Calamintha nepeta 'Montrose White' Montrose White Catmint Festuca x 'Cool as Ice' Cool as Ice Blue Fescue W Panicum virgatum 'Northwind' Northwind Switch Grass S Salvia yangii 'Little Spire' Little Spire Russian Sage W Sesleria autumnalis Autumn Moor Grass C Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ears M B & B 36" Ht. (min) 9 117 128" Ht. (min) 172 141 18" Ht. (min) 173 153 18" Ht. (min) 173 164 18" Ht. (min) 173 175 18" Ht. (min) 173 176 18" Ht. (min) 173 177 18" Ht. (min) 173 178 18" Ht. (min) 173 179 18" Ht. (min) 173 170 18" Ht. (min) 173 170 18 18" Ht. (min) 173 170 18 18" Ht. (min) 173 170 18 18" Ht. (min) 173	И		#5	36" Ht. (min)	37
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PLA	N MODIFICATIO	ONS:	⋝
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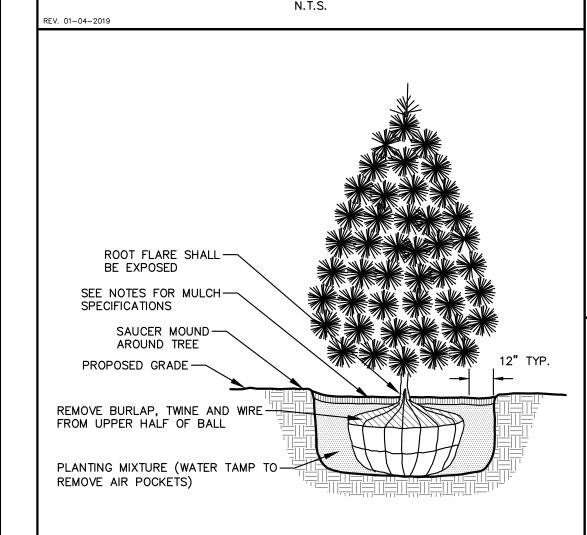
LANDSCAPE PLAN: NORTH

JSD PROJECT NO:



2. REMOVE NYLON STRAPPING WITHIN 9-18 MONTHS FOLLOWING INSTALLATION

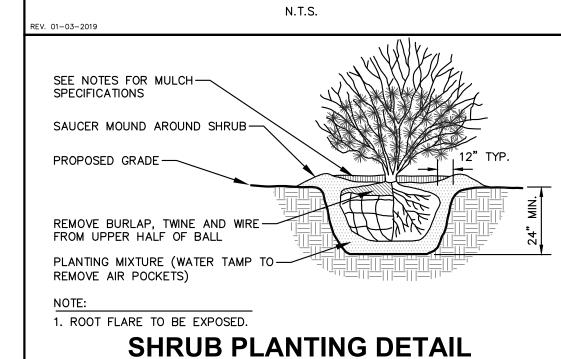
DECIDUOUS TREE PLANTING DETAIL



NOTE:

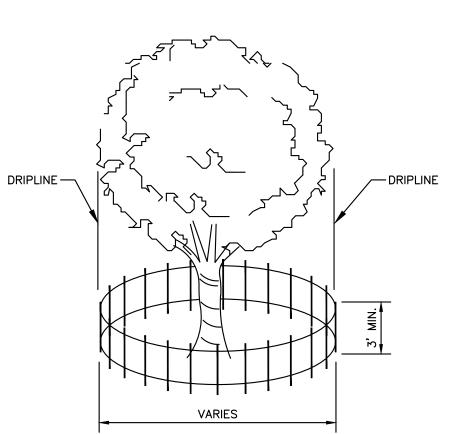
1. DIG HOLE NO DEEPER THAN BASE OF ROOT BALL TO FLARE. ROOT BALL TO BE SET ON UNDISTURBED SOIL UNLESS COMPACTED AGGREGATE STONE REMAINS FROM SITE EXCAVATOR. REMOVE REMAINING AGGREGATE STONE UNTIL SOIL LAYER IS REACHED

EVERGREEN TREE PLANTING DETAIL



REV. 01-03-2019

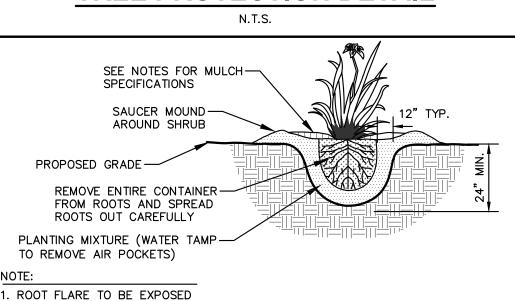
APPROXIMATE A TREE'S PROTECTED ROOT ZONE BY CALCULATING THE CRITICAL ROOT RADIUS (CRR). FIRST, MEASURE THE TREE DIAMETER IN INCHES AT BREAST HEIGHT (DBH). THEN MULTIPLY THAT NUMBER BY 1.5 OR 1.0. EXPRESS THE RESULT IN FEET. DBH = 8 inches $8 \times 1.5 = 12$ CRR = 12 feetDBH \times 1.5 = RITICAL ROOT RADIUS FOR OLDER, UNHEALTHY OR SENSITIVE SPECIES DBH \times 1.0 = CRITICAL ROOT RADIUS FOR YOUNGER, HEALTHY OR TOLERANT SPECIES PROTECTED ROOT ZONE (PRZ)-



1. CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA SURROUNDING THE TREE WITHIN THE CRITICAL ROOT RADIUS

- 2. NO EXCAVATION IS PERMITTED WITHIN THE CRITICAL ROOT RADIUS
- 3. IF EXCAVATION WITHIN THE CRITICAL ROOT RADIUS OF ANY TREE IS NECESSARY, CONTRACTOR SHALL CONTACT CITY FORESTER PRIOR TO EXCAVATION TO ASSESS THE IMPACT TO THE TREE AND ROOT SYSTEM.

TREE PROTECTION DETAIL



PERENNIAL/ORNAMENTAL GRASS PLANTING DETAIL

N.T.S.

SEE NOTES FOR ALUMINUM—
EDGING SPECIFICATIONS

SEE NOTES FOR MULCH—
SPECIFICATIONS

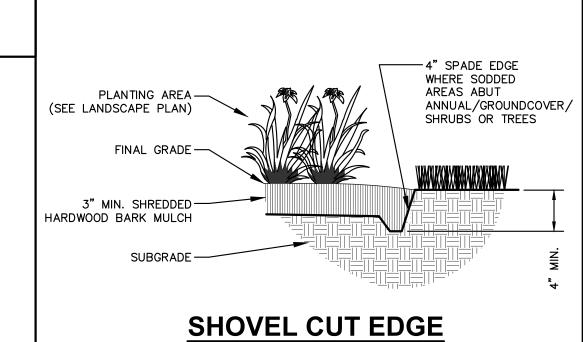
PROPOSED GRADE

EXISTING SOIL

ALUMINUM LANDSCAPE EDGING DETAIL

N.T.S.

REV. 01-03-2019



GENERAL NOTES

- 1. GENERAL: JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES. LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO UTILITIES. CONTRACTOR MUST CALL 1-800-242-8511 FOR UTILITY LOCATIONS AT LEAST THREE DAYS PRIOR TO DIGGING. HAND DIG AND INSTALL ALL PLANTS THAT ARE NEAR EXISTING UTILITIES. PROTECT PREVIOUSLY INSTALLED WORK OF OTHER TRADES. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
- 2. DELIVERY AND HANDLING: DO NOT DELIVER MORE PLANT MATERIALS THAN CAN BE PLANTED IN ONE DAY, UNLESS ADEQUATE, APPROPRIATE AND SECURE STORAGE IS PROVIDED AND APPROVED BY OWNER'S REPRESENTATIVE. AT ALL TIMES, PROTECT ALL PLANT MATERIALS FROM WIND AND DIRECT SUN. DELIVER PLANTS WITH LEGIBLE IDENTIFICATION LABELS. PROTECT PLANTS DURING DELIVERY AND DO NOT PRUNE PRIOR TO DELIVERY. ALL TREES AND SHRUBS SHALL BE PLANTED ON THE DAY OF DELIVERY; IF THIS IS NOT POSSIBLE, PROTECT THE PLANT MATERIALS NOT PLANTED BY STORING THEM IN A SHADED, SECURE AREA, PROTECTING THE ROOT MASS WITH WET SOIL, MULCH, HAY OR OTHER SUITABLE MEDIUM. CONTRACTOR TO KEEP ALL PLANT MATERIALS ADEQUATELY WATERED TO PREVENT ROOT DESICCATION. DO NOT REMOVE CONTAINER GROWN STOCK FROM CONTAINERS BEFORE TIME OF PLANTING. DO NOT PICK UP CONTAINER OR BALLED PLANTS BY STEM OR ROOTS. ALL PLANTS SHALL BE LIFTED AND HANDLED FROM THE BOTTOM OF THE CONTAINER OR BALL. PERFORM ACTUAL PLANTING ONLY WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE IN ACCORDANCE WITH LOCALLY ACCEPTED BEST HORTICULTURAL PRACTICES.
- 3. MATERIALS PLANTS: ALL PLANTS SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1. PLANTS SHALL BE TRUE TO SPECIES AND VARIETY SPECIFIED AND NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST 2 YEARS. PLANTS SHALL BE FRESHLY DUG (DURING THE MOST RECENT FAVORABLE HARVEST SEASON). PLANTS SHALL BE SO TRAINED IN DEVELOPMENT AND APPEARANCE AS TO BE UNQUESTIONABLY SUPERIOR IN FORM, COMPACTNESS, AND SYMMETRY. PLANTS SHALL BE SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF, AND FREE OF DISEASE AND INSECTS (ADULT EGGS, PUPAE OR LARVAE). THEY SHALL HAVE HEALTHY, WELL—DEVELOPED ROOT SYSTEMS AND SHALL BE FREE FROM PHYSICAL DAMAGE OR OTHER CONDITIONS THAT WOULD PREVENT THRIVING GROWTH OR PREMATURE MORTALITY. PLANTS SHALL BE OF THE HIGHEST QUALITY, POSSESS TYPICAL GROWTH HABITS AND FORM FOR THEIR SPECIES AND BE FREE OF INJURY. PARKWAY TREES AND PARKING LOT TREES SHALL HAVE A MINIMUM BRANCHING HEIGHT OF SIX (6) FEET ABOVE THE GROUND TO ALLOW ADEQUATE VISUAL AND PHYSICAL CLEARANCE.
- 4. PRUNING: THE CONTRACTOR SHALL PRUNE ALL TREES AND REPAIR ANY INJURIES THAT OCCURRED DURING THE PLANTING PROCESS. DOUBLE LEADERS, DEAD BRANCHES, AND LIMBS DAMAGED OR BROKEN DURING THE PLANTING PROCESS, SHALL BE PRUNED. THIS SHALL BE THE ONLY PRUNING ALLOWED AT PLANTING. PRUNING SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR TREE CARE OPERATIONS, ANSI A300. PRUNE TREES IN ACCORDANCE WITH NAA GUIDELINES. DO NOT TOP TREES. PRUNE SHRUBS ACCORDING TO STANDARD HORTICULTURAL PRACTICES. ON CUTS OVER 3/4" IN DIAMETER AND BRUISES OR SCARS ON BARK, TRACE THE INJURED CAMBIUM LAYER BACK TO LIVING TISSUE AND REMOVE. SMOOTH AND SHAPE WOUNDS SO AS NOT TO RETAIN WATER. TREAT THE AREA WITH AN APPROVED INCONSPICUOUS LATEX BASED ANTISEPTIC TREE PAINT, IF PRUNING OCCURS "IN SEASON". DO NOT PRUNE ANY OAK TREES DURING THE MONTHS FROM APRIL TO OCTOBER.
- 5. CLEANUP: THE WORK AREA SHALL BE KEPT SAFE AND NEAT AT ALL TIMES. DISPOSED OF EXCESS SOIL. REMOVE ALL CUTTINGS AND WASTE MATERIALS. SOIL AND BRANCHES. BIND AND WRAP THESE MATERIALS, ANY REJECTED PLANTS, AND ANY OTHER DEBRIS RESULTING FROM ALL PLANTING TASKS AND PROMPTLY CLEAN UP AND REMOVE FROM THE PROJECT SITE. UNDER NO CIRCUMSTANCES SHALL THE ACCUMULATION OF SOIL, BRANCHES OR OTHER DEBRIS BE ALLOWED UPON A PUBLIC PROPERTY IN SUCH A MANNER AS TO RESULT IN A PUBLIC SAFETY HAZARD OR DAMAGE. LIKEWISE, UNDER NO CIRCUMSTANCES SHALL ANY DEBRIS OR INCIDENTAL MATERIALS BE ALLOWED UPON
- 6. ANY SUBSTITUTIONS IN PLANT TYPE, LOCATION, OR SIZE SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 7. CONTRACTOR TO VERIFY PLANT MATERIAL QUANTITIES AND SQUARE FOOTAGES. QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE OVER THOSE ON SCHEDULE.

LANDSCAPE MATERIAL NOTES

- 1. PLANTING MIXTURE: ALL HOLES EXCAVATED FOR TREES, SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES SHALL BE BACKFILLED WITH TWO (2) PARTS TOPSOIL, ONE (1) PART SAND AND ONE (1) PART COMPOST. SOIL MIXTURE SHALL BE WELL BLENDED PRIOR TO INSTALLATION.
- 2. TOPSOIL: TOPSOIL TO BE CLEAN, FRIABLE LOAM FROM A LOCAL SOURCE, FREE FROM STONES OR DEBRIS OVER 3/4" IN DIAMETER, AND FREE FROM TOXINS OR OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL HAVE A pH VALUE BETWEEN 6 AND 7. TOPSOIL AND PLANTING SOIL SHALL BE TESTED TO ENSURE CONFORMANCE WITH THESE SPECIFICATIONS AND SHALL BE AMENDED TO MEET THESE SPECIFICATIONS. PROVIDE TEST RESULTS TO OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT. DO NOT PLACE FROZEN OR MUDDY TOPSOIL. APPLY SOIL AMENDMENTS TO ALL LANDSCAPE AREAS PER SOIL TEST.
- 3. ORGANIC GARDEN MIX: GARDEN AREA SHALL RECEIVE PURPLE COW ORGANICS CLASSIC COMPOST, OR APPROVED EQUAL, SPREAD TO A MINIMUM AND CONSISTENT DEPTH OF 3—INCHES. CONTRACTOR SHALL STRIP LAWN AREA AND TILL COMPOST INTO TOPSOIL TO A DEPTH OF 6—12".
- 4. SHREDDED HARDWOOD BARK MULCH: ALL PLANTING AREAS LABELED ON PLAN SHALL RECEIVE CERTIFIED WEED FREE SHREDDED HARDWOOD BARK MULCH INSTALLED TO A MINIMUM AND CONSISTENT DEPTH OF 3-INCHES. SHREDDED HARDWOOD BARK MULCH SIZE & COLOR TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. FERTILIZER SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY AND STATE REQUIREMENTS. SHREDDED HARDWOOD BARK MULCH AREAS SHALL NOT RECEIVE WOVEN WEED BARRIER FABRIC.
- 5. TREE & SHRUB RINGS: ALL TREES AND/OR SHRUBS PLANTED IN SEEDED LAWN AREAS TO BE INSTALLED WITH A MINIMUM 4' DIAMETER SHREDDED HARDWOOD BARK MULCH TREE RING SPREAD TO A CONSISTENT DEPTH OF 3—INCHES. ALL TREE RINGS SHOULD BE INSTALLED WITH A 5" DEPTH SHOVEL CUT EDGE, ANGLED 45 DEGREES INTO SOIL AT A 5' DIAMETER ABOUT THE CENTER OF THE TREE PLANTING. A PRE-EMERGENT GRANULAR HERBICIDE WEED-PREVENTER SHOULD BE MIXED WITH MULCH USED TO INSTALL TREE RING AS WELL AS TOPICALLY APPLIED TO COMPLETED INSTALLATION OF TREE RING.
- 6. ALUMINUM EDGING: ALL EDGING SHALL BE 1/8" X 5", COMMERCIAL GRADE BLACK FINISH ALUMINUM EDGING. OWNER'S REPRESENTATIVE SHALL APPROVE PRODUCT SPECIFICATION PROVIDED BY LANDSCAPE CONTRACTOR.
- 7. TREE PROTECTION: ALL TREES TO BE INSTALLED WITH LDPE TREE GUARDS AS MANUFACTURED BY A.M. LEONARD HORTICULTURAL TOOL & SUPPLY CO., OR APPROVED EQUAL.
- 8. DRY RIVER BED STONE MULCH AND BOULDERS: A VARIETY OF LAVENDER QUARTZ AND COBBLES & GRANITE BOULDERS BY "MIDWEST DECORATIVE STONE & LANDSCAPE SUPPLIES" BETWEEN 4" AND 3-0" IN DIAMETER SHALL BE UTILIZED. ALL BOULDERS LARGER THAN 2'-0" IN DIAMETER SHALL BE APPROVED BY LANDSCAPE ARCHITECT. BOULDERS LARGER THAN 2'-0" IN DIAMETER SHALL BE SITUATED ALONG THE SIDES OF THE SWALE; NOT DIRECTLY DOWN THE CENTER. STONE MULCH AREAS SHALL RECEIVE WOVEN WEED BARRIER FABRIC. NO PLASTIC/IMPERVIOUS BARRIERS WILL BE PERMITTED. EXAMPLE: BLACK VISQUEEN. SUBMIT PHOTO SAMPLES FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO BIDDING.
- 9. PAVEMENT EDGE STONE MAINTENANCE STRIP: INSTALL 1-1/2" EAU CLAIRE RIVER STONE BY "MIDWEST DECORATIVE STONE & LANDSCAPE SUPPLIES". SPREAD TO A MINIMUM AND CONSISTENT DEPTH OF 3-INCHES. STONE MULCH AREAS SHALL RECEIVE WOVEN WEED BARRIER FABRIC. NO PLASTIC/IMPERVIOUS BARRIERS WILL BE PERMITTED. EXAMPLE: BLACK VISQUEEN. SUBMIT PHOTO SAMPLES FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO BIDDING.

SEEDING & SODDING

- 1. TURFGRASS SEED: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH, SHALL RECEIVE 6" OF TOPSOIL AND EARTH CARPET'S "MADISON PARKS" GRASS SEED, OR EQUIVALENT AS APPROVED BY THE OWNER'S REPRESENTATIVE, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. IN ADDITION TO TURFGRASS SEED, ANNUAL RYE SHALL BE APPLIED TO ALL DISTURBED AREAS AT A RATE OF 1 1/2 LBS PER 1000 SQUARE FEET. FERTILIZE AND MULCH PER MANUFACTURER'S RECOMMENDATIONS. MULCH SHALL BE CERTIFIED NOXIOUS WEED SEED-FREE
- 2. SOD: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH, SHALL RECEIVE 6" OF TOPSOIL AND A PREMIUM GRADE TURFGRASS SOD. ONLY IMPROVED TYPES OF SOD (ELITE) ARE ACCEPTABLE. TURFGRASS SHALL BE MACHINE CUT AT A UNIFORM THICKNESS OF .60 INCH, PLUS OR MINUS .25 INCH, AT TIME OF CUTTING. MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH. LARGE ROLL TURFGRASS SOD SHALL BE CUT TO THE SUPPLIER'S STANDARD WIDTH (36-48 INCHES) AND LENGTH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE ACCEPTABLE. STANDARD SIZE SECTIONS OF TURGRASS SOD SHALL BE STRONG ENOUGH SO THAT THEY CAN BE PICKED UP AND HANDLED WITHOUT DAMAGE. TURFGRASS SOD SHALL NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT IS EXCESSIVELY DRY OR WET, AS THIS MAY ADVERSELY AFFECT ITS SURVIVAL. POST-PLANT IRRIGATION WILL BE NECESSARY TO ENSURE SOD STAYS ALIVE AND ROOTS INTO SOIL. THE CONTRACTOR IS RESPONSIBLE FOR WATERING SOD UNTIL TIME OF ACCEPTANCE BY THE OWNER. TURFGRASS SOD SHALL BE HARVESTED, DELIVERED, AND INSTALLED/TRANSPLANTED WITHIN A PERIOD OF 24 HOURS. TURFGRASS SOD SHALL BE RELATIVELY FREE OF THATCH, UP TO 0.5 INCH ALLOWABLE (UNCOMPRESSED). TURFGRASS SOD SHALL BE REASONABLY FREE (10 WEEDS/100 SQ. FT.) OF DISEASES, NEMATODES AND SOIL-BORNE INSECTS. ALL TURFGRASS SOD SHALL BE FREE OF GRASSY AND BROAD LEAF WEEDS AND WEED SEED. THE SOD SUPPLIER SHALL MAKE RECOMMENDATIONS TO THE CONTRACTOR REGARDING WATERING SCHEDULE. THE WATERING SCHEDULE SHOULD BEGIN IMMEDIATELY AFTER SOD IS INSTALLED.
- 3. BIORETENTION BASIN PLUG PLANTINGS: PLUG PLANTINGS TO BE INSTALLED 1'-0" ON CENTER, MIXING SPECIES INTEGRALLY IN FLATS OF 20 AT A TIME. REFER TO WDNR PLUG PLANTING TECHNICAL STANDARDS FOR ROOTSTOCK AND INSTALLATION SPECIFICATIONS.

OR

. (ALTERNATE BID) BIORETENTION BASIN NATIVE VEGETATIVE MAT (NVM): AREAS SPECIFIED ON PLANS SHALL RECEIVE AGRECOL "RAINWATER RENEWAL" NATIVE VEGETATIVE MAT — DEGRADABLE CORE. CONTRACTOR SHALL CONTACT AGRECOL NATIVE NURSERY 16 WEEKS IN ADVANCE OF INSTALLATION FOR PROPER GROWING LEAD TIME. CONTRACTOR SHALL ASSUME AVAILABLE DELIVERY DATE TO BE BETWEEN MID—JUNE THROUGH THE END OF OCTOBER DUE TO THE NMV GROWING SEASON. REFER TO PRODUCT SPECIFICATIONS AND MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION PROCEDURES.

Bioretention Plug Plant M	x Quantites 1,120 sq. ft.		
Botanical Name	Common Name	Quantity	Spacing
Rudbeckia hirta	Black-Eyed Susan	140	1'-0" On Center
Zizia aurea	Golden Alexanders	140	1'-0" On Center
Aster laevis	Smooth Aster	140	1'-0" On Center
Ratibida pinnata	Yellow Coneflower	140	1'-0" On Center
Pycnanthemum virginianum	Common Mountain Mint	140	1'-0" On Center
Carex vulpinoidea	Fox Sedge	140	1'-0" On Center
Asclepias syriaca	Common Milkweek	140	1'-0" On Center
Carex bicknellii	Prairie Sedge	140	1'-0" On Center
	TOTAL	1120	

CONTRACTOR AND OWNER RESPONSIBILITY NOTES

- GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL PLANTS, INCLUDING SEEDED AND SODDED LAWN AREAS, THROUGH ONE (1) YEAR AFTER ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PLANTS SHALL BE ALIVE AND IN HEALTHY AND FLOURISHING CONDITION AT THE END OF THE GUARANTEE PERIOD. THE CONTRACTOR SHALL REPLACE (AT NO COST TO OWNER) ANY PLANTS THAT ARE DEAD OR NOT IN A VIGOROUS THRIVING CONDITION. REPLACEMENT PLANTS SHALL BE OF THE SAME KIND AND SIZE AS ORIGINALLY SPECIFIED UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE. RESTORE BEDS AS NECESSARY FOLLOWING PLANT REPLACEMENT, INCLUDING BUT NOT LIMITED TO BEDDING, EDGING, MULCH, ETC. REPLACE PLANTS DAMAGED AT TIME OF PLANTING. REPAIR AREAS DISTURBED IN ANY WAY DURING PLANT REPLACEMENT AT NO COST TO OWNER. CONTRACTOR SHALL PROVIDE A ONE (1)—YEAR STRAIGHTENING GUARANTEE FOR ALL TREES.
- 2. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER'S REPRESENTATIVE PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
- 3. MAINTENANCE: (CONTRACTOR) FOR ALL PLANTINGS, SEEDED AND/OR SODDED LAWN AREAS: THE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS AND LAWN AREAS FOR A MINIMUM TIME PERIOD OF 60 DAYS, UNTIL FINAL ACCEPTANCE BY OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY WATERING PLANTS AND LAWN/TURFGRASS AREAS, AND FERTILIZING SEEDED AND SODDED LAWN AREAS, DURING THIS 60 DAY ESTABLISHMENT PERIOD. CONTRACTOR IS RESPONSIBLE FOR THE ESTABLISHMENT OF HEALTHY VIGOROUS PLANT MATERIALS AND LAWN/TURFGRASS GROWTH, INCLUDING THE REMOVAL OF ALL WEEDS WITHIN LAWN AND PLANTING AREAS. CONTRACTOR IS ALSO RESPONSIBLE FOR ANY PRUNING OF PLANT MATERIALS, AND SHAPING AND/OR REPLACEMENT OR SUPPLEMENT OF DEFICIENT SHREDDED HARDWOOD BARK MULCH DURING THIS PERIOD. LONG TERM PLANT MATERIALS AND LAWN/TURFGRASS MAINTENANCE AND ANY PROGRAM FOR SUCH IS THE RESPONSIBILITY OF THE OWNER. ALL PLANTINGS AND LAWN/TURFGRASS AREAS SHALL BE MAINTAINED IN A MANICURED CONDITION UNTIL THE TIME WHEN THE OWNER'S ACCEPTANCE IS GIVEN.
- 4. MAINTENANCE: (OWNER) THE OWNER IS RESPONSIBLE FOR THE CONTINUED MAINTENANCE, REPAIR AND REPLACEMENT OF ALL LANDSCAPING MATERIALS AND WEED BARRIER FABRIC AS NECESSARY FOLLOWING THE ONE (1) YEAR CONTRACTOR GUARANTEE PERIOD.



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VERONA, WISCONSIN 53593

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UnityPoint Health - Meriter

CLIENT ADDRESS:

202 South Park Street
Madison, WI 53715

CAP Facility
Open Space Improvements

PROJECT LOCATION: 8102 Wellness Way Madison, WI 53719

#	Date:	Description:
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Approved By:
SHEET TITLE:

LANDSCAPE DETAILS &
NOTES

Designed By:

Reviewed By:

JSD PROJECT NO:

24-14067

GW/CHG/HB

SD/KJY



UNITY POINT HEALTH - MERITER CAP

MADISON, WI

CONCEPTUAL MASTER PLAN

NOT TO SCALE







MADISON, WI

