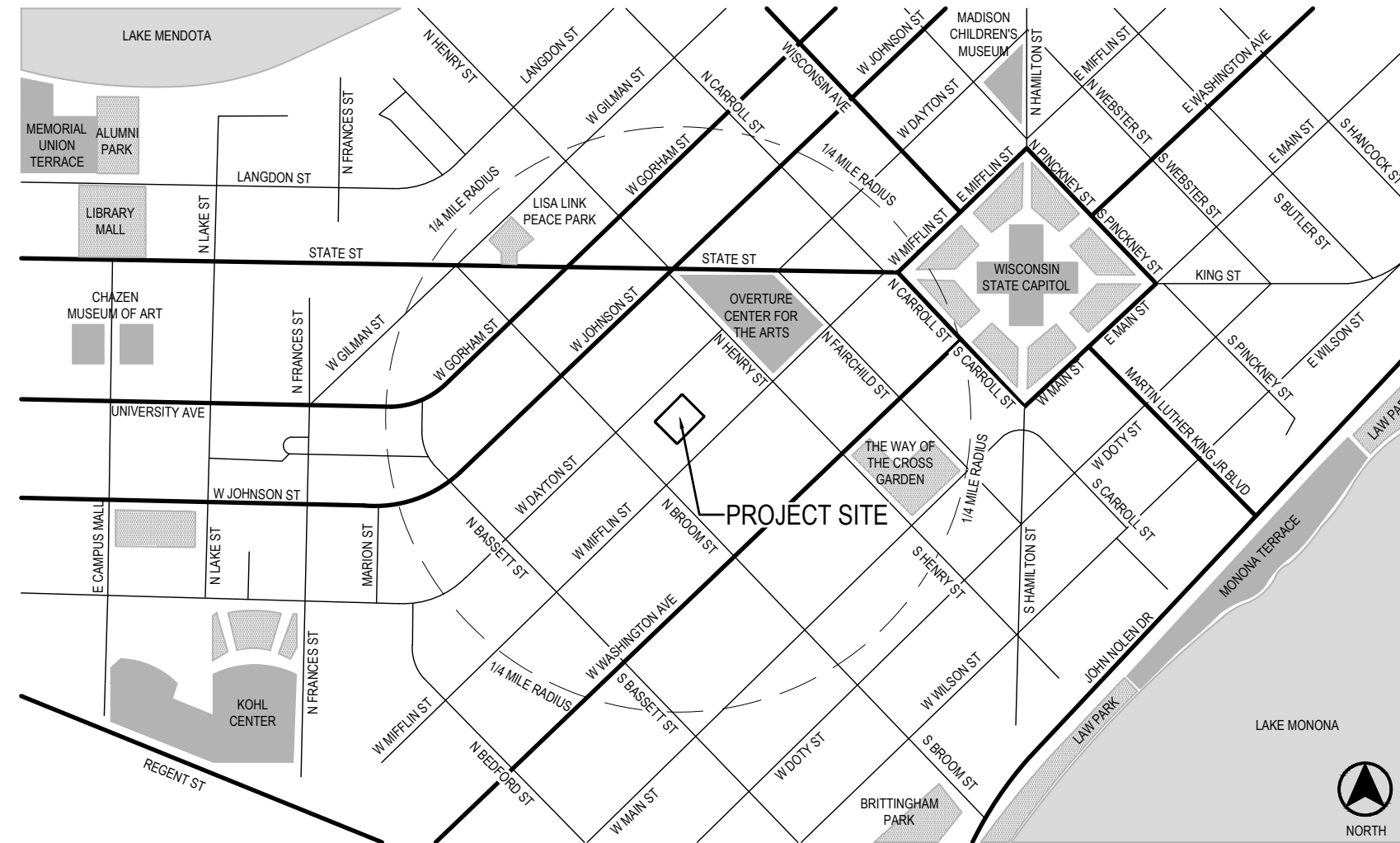


MADISON SENIOR CENTER COURTYARD

330 WEST MIFFLIN STREET
MADISON, WI 53703

MUNIS # 12728-51-130
BPW # 9313



SHEET INDEX

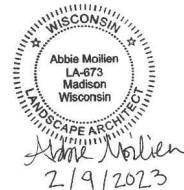
- T000 - TITLE SHEET
- C001 - CIVIL NOTES
- C002 - CIVIL DETAILS
- C100 - EXISTING CONDITIONS
- C101 - TRAFFIC CONTROL PLAN
- C102 - DEMOLITION PLAN
- C200 - GRADING PLAN
- C300 - LAYOUT AND MATERIALS PLAN
- C400 - STORM SEWER PLAN
- C500 - EROSION CONTROL PLAN
- L100 - PLANTING PLAN
- L200 - SITE DETAILS
- L201 - SITE DETAILS
- L202 - SITE DETAILS
- L203 - SITE DETAILS
- L204 - PRECAST SEATWALL LAYOUTS
- L300 - LANDSCAPE DETAILS
- L301 - LANDSCAPE DETAILS
- L302 - LANDSCAPE DETAILS
- E001 - ELECTRICAL NOTES, SYMBOLS & ABBREVIATIONS
- E100 - ELECTRICAL SITE DEMOLITION PLAN
- E101 - ELECTRICAL SITE PLAN
- E501 - ELECTRICAL DETAILS
- E502 - ELECTRICAL DETAILS
- E601 - ELECTRICAL SCHEDULES
- E602 - ELECTRICAL SCHEDULES
- E603 - ELECTRICAL SCHEDULES

1 PROJECT LOCATION MAP
SCALE: NTS

PROJECT INFORMATION

CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715
CONTACT: MIKE STURM 608.267.4921

PRIME CONSULTANT / LANDSCAPE ARCHITECT
SAIKI DESIGN, INC.
1110 S. PARK ST
MADISON, WI 53715
CONTACT: ABBIE MOILIEN 608.405.8149



CIVIL ENGINEER
BURSE SURVEYING & ENGINEERING
2801 INTERNATIONAL LN | SUITE 101
MADISON, WI 53704
CONTACT: MICHELLE BURSE
608.250.9263



STRUCTURAL & ELECTRICAL ENGINEER
MEAD & HUNT
2440 DEMING WAY
MIDDLETON, WI 53562
CONTACT: MARK STIFTER 608.443.0561



NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
TITLE SHEET

SCALE: NTS
DATE: 02/09/2023

DRAWN BY: CS, LD
CHECKED: AM
REVIEWED:

APPROVED:
DEPT. APPROVAL:

SEAL:

DRAWING NO. T000
BPW CONTRACT NO. 9313
CONSULTANT'S PROJECT NO. 2022-001



GENERAL NOTES:

- ALL PRIVATE UTILITIES (GAS, ELECTRIC, AND TELECOMMUNICATIONS) SERVING EXISTING BUILDINGS OR STRUCTURES SCHEDULED FOR DEMOLITION TO BE ABANDONED OR REMOVED BY CORRESPONDING UTILITY COMPANY. CONTRACTOR SHALL CONTACT EACH PRIVATE UTILITY COMPANY TO COORDINATE THE INFRASTRUCTURE REMOVAL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES. UTILITIES WERE LOCATED BY OBSERVED EVIDENCE, MARKINGS PROVIDED BY DIGGER'S HOTLINE.
- CONTRACTOR SHALL VERIFY THE SIZE, TYPE, SLOPE, AND INVERTS OF ALL EXISTING STORM STRUCTURES CALLED OUT TO BE CONNECTED TO. CONTRACTOR SHALL SUBMIT THE INFORMATION ON THE STRUCTURES TO THE CITY PROJECT MANAGER AND PROJECT CIVIL ENGINEER.
- ANY SIDEWALK, CURB, OR OTHER PUBLIC PROPERTY DAMAGED AS PART OF THE CONSTRUCTION OF THE UTILITIES AND BUILDING SHALL BE REPLACED IN-KIND PER THE CITY OF MADISON STANDARD SPECIFICATIONS.
- THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF THE CITY.

SITE REMOVAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
- THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY FORCING ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE DEVELOPER IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDINGS.
- ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE, AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
- CONTRACTOR SHALL PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, COVERED WALKWAYS, ETC. CONTRACTOR SHALL SUBMIT THEIR STREET OCCUPANCY PLAN TO TRAFFIC ENGINEERING FOR APPROVAL.
- PRIOR TO DEMOLITION OCCURRING, ALL APPLICABLE EROSION CONTROL DEVICES ARE TO BE INSTALLED.
- THE CONTRACTOR MAY LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS, BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR IN KIND.
- DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.

SITE PLAN NOTES:

- TRAFFIC CONTROL SIGNAGE SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, COUNTY, CITY, AND LOCAL CODE, WHICHEVER HAS JURISDICTION.
- CITY SIDEWALK AND CURB DAMAGED IN THE COURSE OF CONSTRUCTION TO BE REPLACED PER CITY OF MADISON STANDARD SPECIFICATIONS.

GRADING PLAN NOTES:

- ALL GRADES ARE FINISH ELEVATION UNLESS NOTED OTHERWISE.
- THE LONGITUDINAL SLOPE OF THE NEW CONCRETE SIDEWALK BELOW THE NEW PRECAST SEATWALLS SHALL BE CONSISTENT FOR THE ENTIRE LENGTH OF EACH NEW PRECAST SEATWALL. LONGITUDINAL SLOPES ARE SHOWN ON THE GRADING PLAN.

UTILITY PLAN NOTES:

- ALL WORK WITHIN THE CITY RIGHT OF WAY SHALL BE COMPLIANT WITH THE CITY OF MADISON STANDARD SPECIFICATIONS CURRENT AT THE TIME OF CONSTRUCTION.
- UTILITY INSTALLATION SHALL BE COORDINATED WITH ENGINEER AT LEAST 4 WEEKS PRIOR TO INSTALLATION TO ENSURE BUILDING INSPECTION APPROVAL IS OBTAINED.

STAKING/LAYOUT NOTES

- ALL STAKING CONTROL POINTS SHALL BE PROTECTED THROUGHOUT THE PROJECT.
- STAKING AND LAYOUT FOR THIS PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- NO STAKING COORDINATES WILL BE PROVIDED FOR THE WORK SHOWN. ELECTRONIC AUTOCAD FILES WILL BE PROVIDED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE STAKING AND LAYOUT BASED ON ELECTRONIC DRAWING DATA.
- UNLESS OTHERWISE APPROVED, IT IS EXPECTED THAT UTILITY ELEVATIONS ARE CAREFULLY OBTAINED FROM THE PLANS, AND THAT UTILITIES WILL BE INSTALLED AS CLOSE TO PRECISE PROFILE ELEVATIONS AS CONSTRUCTION METHODS WILL REASONABLY ALLOW.

EROSION CONTROL NOTES/SPECIFICATIONS:

- EROSION CONTROL DEVICES AND/OR STRUCTURES SHALL BE INSTALLED INCREMENTALLY, AND PROMPTLY, DURING DEMOLITION AND REMOVAL OPERATIONS. THESE SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED.
 - EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE THE RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE PROJECT ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
 - ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN IS PRODUCED. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS. INSPECTION SCHEDULE AND RECORD KEEPING SHALL COMPLY WITH NR 216.46(9), WIS. ADM. CODE.
 - CONSTRUCTION ENTRANCES – PROVIDE A MANUFACTURED TRACKOUT CONTROL PRACTICE AT EACH POINT OF ACCESS. INSTALL ACCORDING TO WDNR STANDARD 1057. REFER TO WDNR'S STORMWATER WEB PAGE OF TECHNICAL STANDARDS AT: [HTTP://DNR.WI.GOV/STORMWATER/STANDARDS/CONST_STANDARDS.HTML](http://dnr.wi.gov/STORMWATER/STANDARDS/CONST_STANDARDS.HTML). THE CONTROL PRACTICE MUST BE MAINTAINED IN A CONDITION THAT PREVENTS THE TRACKING OF MATERIAL ONTO THE PUBLIC STREET.
 - SOIL STOCKPILES – A ROW OF SILT SOCK PLACED DOWNSLOPE AND AT LEAST 10 FEET AWAY FROM THE STOCKPILE SHALL PROTECT ALL STOCKPILES. SOIL STOCKPILES THAT ARE INACTIVE FOR MORE THAN 7 CONSECUTIVE DAYS SHALL BE STABILIZED WITH SEED & MULCH, EROSION MAT, POLYMER, OR COVERED WITH TARPS OR SIMILAR MATERIAL. NO STOCKPILE SHALL BE PLACED WITHIN 20 FEET OF A DRAINAGE WAY.
 - DEWATERING – WATER PUMPED FROM THE SITE SHALL BE TREATED BY USING A TEMPORARY SEDIMENTATION BASIN, PORTABLE DEWATERING BASIN, GEOTEXTILE BAG, OR AN EQUIVALENT DEVICE. SHOW ON THE PLAN THE ANTICIPATED LOCATIONS OF DEWATERING ACTIVITY, AND PROVIDE AN ENGINEERING DETAIL OF THE DEWATERING SYSTEM. DEVICES SHALL COMPLY WITH WDNR TECHNICAL STANDARD 1061 FOUND AT: [HTTP://DNR.WI.GOV/STORMWATER/STANDARDS/CONST_STANDARDS.HTML](http://dnr.wi.gov/STORMWATER/STANDARDS/CONST_STANDARDS.HTML) THIS WATER SHALL BE DISCHARGED IN A MANNER THAT DOES NOT INDUCE EROSION OF THE SITE OR ADJACENT PROPERTY.
- | PUMP SIZE (MAX GPM) | TYPE I BAG SIZE (SQ-FT) |
|---------------------|-------------------------|
| 50 | 25 |
| 100 | 50 |
| 150 | 75 |
- STORM SEWER INLETS AND CATCH BASINS – PROVIDE RIGID FRAME INLET PROTECTION. INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE STORM SEWER SYSTEM RECEIVING SITE RUNOFF. OTHER THAN FOR PERFORMING MAINTENANCE, THESE DEVICES SHALL NOT BE REMOVED UNTIL PROJECT-LEVEL STABILIZATION IS COMPLETE.
 - BUILDING AND WASTE MATERIALS SHALL BE PREVENTED FROM RUNNING-OFF THE SITE AND ENTERING WATERS OF THE STATE IN CONFORMANCE WITH NR151.12(6M).
 - NO SOLID MATERIAL SHALL BE DISCHARGED OR DEPOSITED INTO WATERS OF THE STATE IN VIOLATION OF CH. 30 OR 31 OF THE WISCONSIN STATE STATUTES OR 33 USC 1344 PERMITS.
 - EROSION CONTROL DEVICES SHALL ADHERE TO THE TECHNICAL STANDARDS FOUND AT: [HTTP://DNR.WI.GOV/RUNOFF/STORMWATER/TECHSTDS.HTM](http://dnr.wi.gov/RUNOFF/STORMWATER/TECHSTDS.HTM) AND COMPLY WITH ALL CITY OF MADISON CHAPTER 37 ORDINANCES AND STANDARD SPECIFICATIONS.
 - ALL DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE SWEEPED OR SCRAPED CLEAN BY THE END OF EACH WORKDAY.
 - ALL BUILDING AND WASTE MATERIAL SHALL BE HANDLED PROPERLY TO PREVENT RUNOFF OF THESE MATERIALS OFF OF THE SITE.
 - IMMEDIATELY STABILIZE ALL FINE-GRADED DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER WITH DENSE GRADED BASE, SOD, PLANTINGS, OR SOIL TACKIFIER.

LEGEND

- 860.25 SPOT GRADE
- FFE FINISHED FLOOR ELEVATION
- FG FINISH GRADE
- EX EXISTING GRADE
- EP EDGE OF PAVEMENT
- LP LOW POINT
- HP HIGH POINT
- TC TOP OF CURB
- TW TOP OF WALL
- ST PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- 1041 EXISTING MINOR CONTOUR
- 1040 EXISTING MAJOR CONTOUR
- PROPOSED GRADE BREAKLINE
- PROPOSED CONCRETE SIDEWALK
- CONSTRUCTION ENTRANCE WITH MANUFACTURED CONTROL PRACTICE
- SILT SOCK, 8" MIN. DIA.
- RIGID FRAME INLET PROTECTION



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 Surveying and
 Engineering, Inc.
 2801 International Lane, Suite 101
 Madison, WI 53704
 Phone: 608-250-9263
 Fax: 608-250-9266
 e-mail: Mburse@BSE-INC.net
 www.bursesurveyengr.com

NO.	REVISION	DATE

CLIENT
**CITY OF MADISON PARKS
 DIVISION**
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
**MADISON SENIOR CENTER
 COURTYARD**
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
CIVIL NOTES

SCALE: SEE SHEET DATE: 02/09/2023

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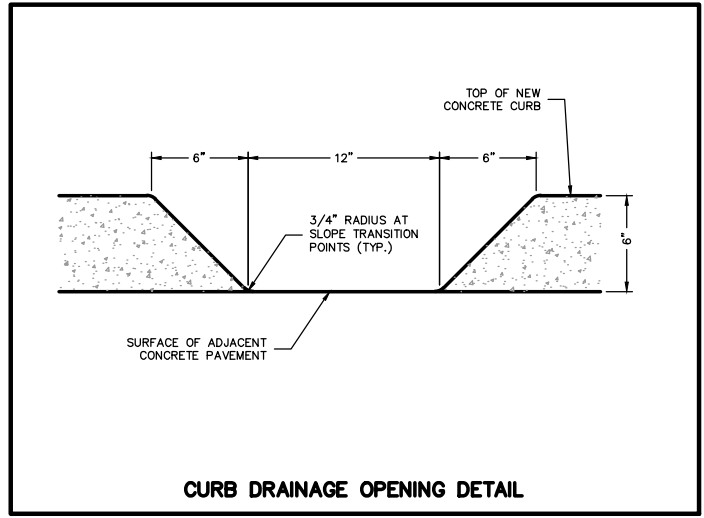
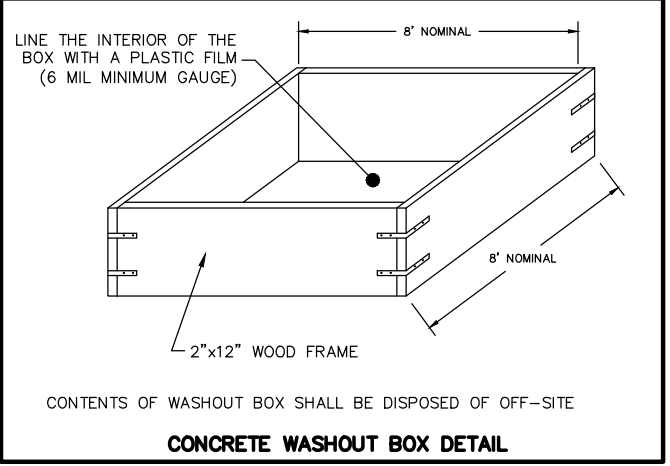
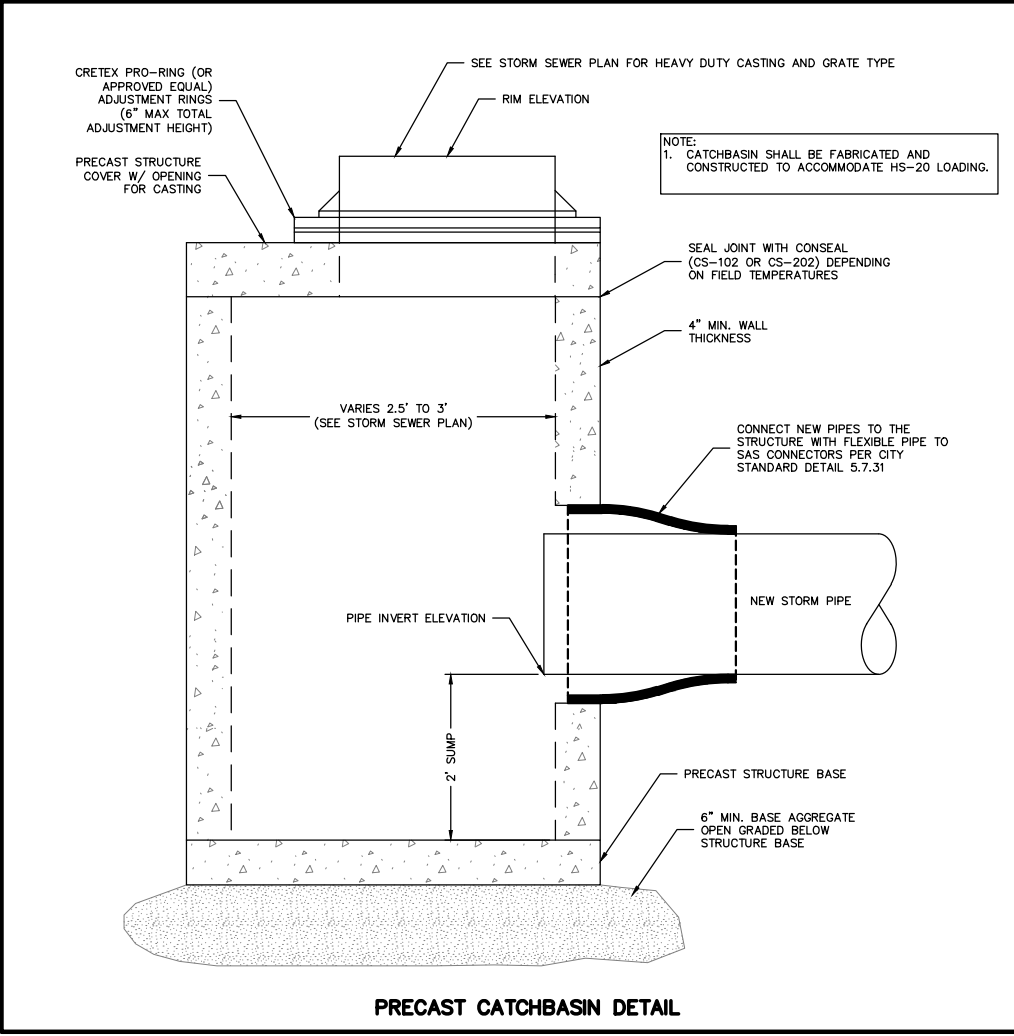
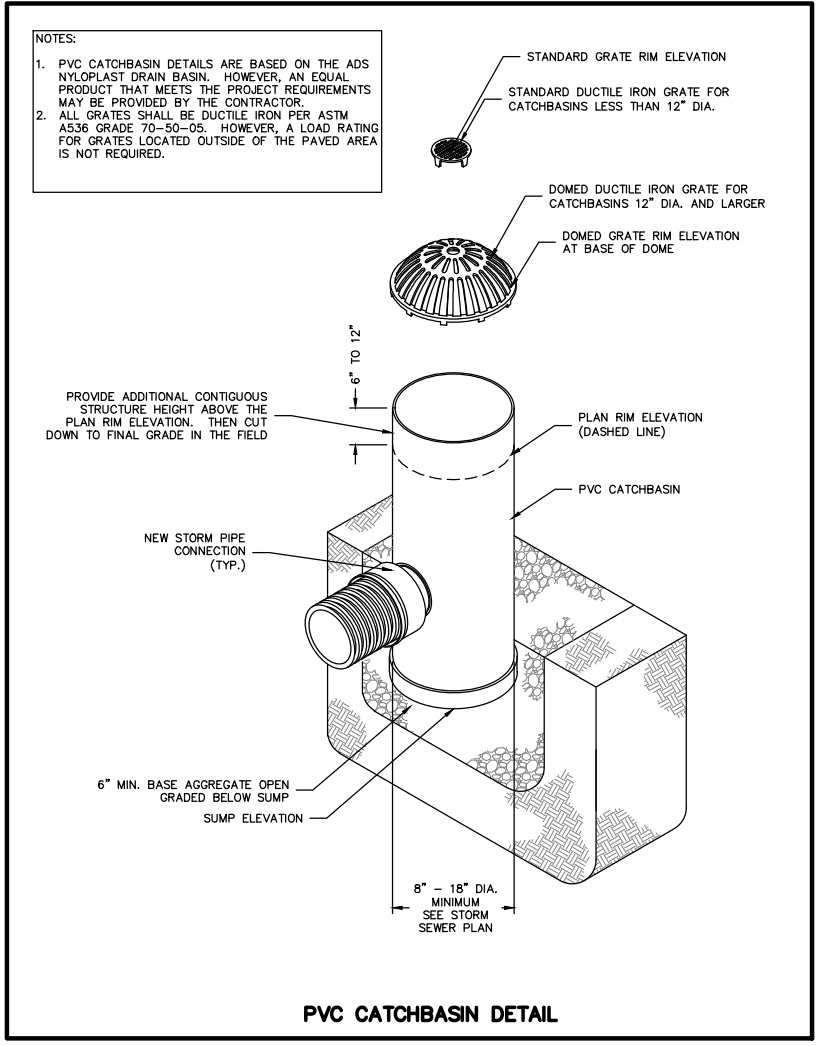
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SEAL

DRAWING NO.
C001

BPW CONTRACT NO.
9313

CONSULTANT'S PROJECT NO.
2022-001



NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
CIVIL DETAILS

SCALE
SEE SHEET

DATE
02/09/2023

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BJB

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MLB

APPROVED

DEPT. APPROVAL

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C002

BPW CONTRACT NO.
9313

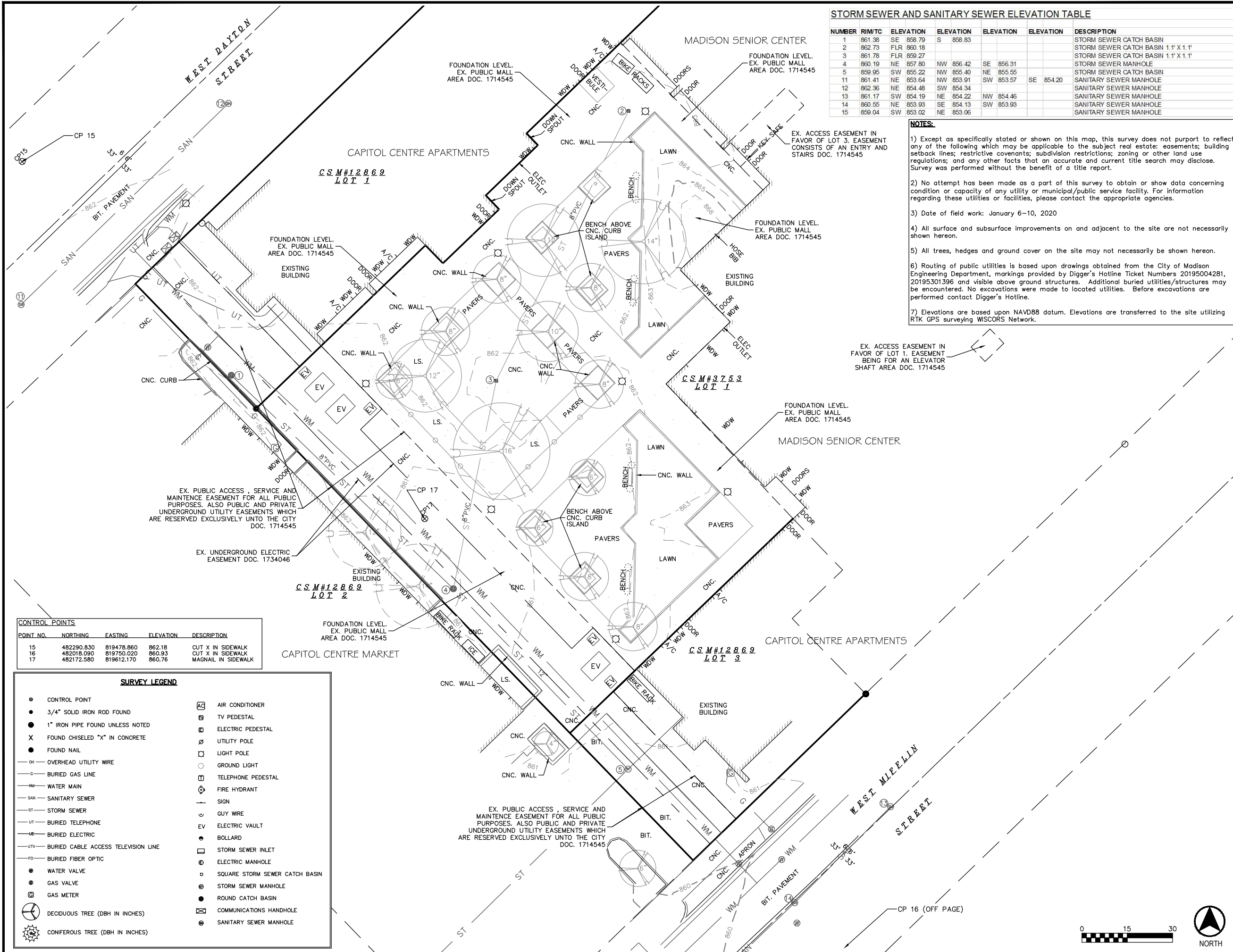
CONSULTANT'S PROJECT NO.
2022-001

STORM SEWER AND SANITARY SEWER ELEVATION TABLE

NUMBER	RIM/TC	ELEVATION	ELEVATION	ELEVATION	ELEVATION	DESCRIPTION		
1	861.38	SE	858.79	S	858.83	STORM SEWER CATCH BASIN		
2	862.73	FLR	860.18			STORM SEWER CATCH BASIN 1.1' X 1.1'		
3	861.78	FLR	859.27			STORM SEWER CATCH BASIN 1.1' X 1.1'		
4	860.19	NE	857.80	NW	856.42	SE 856.31	STORM SEWER MANHOLE	
5	859.95	SW	855.22	NW	855.40	NE 855.55	STORM SEWER CATCH BASIN	
11	861.41	NE	853.64	NW	853.91	SW 853.57	SE 854.20	SANITARY SEWER MANHOLE
12	862.36	NE	854.48	SW	854.34		SANITARY SEWER MANHOLE	
13	861.17	SW	854.19	NE	854.22	NW 854.46	SANITARY SEWER MANHOLE	
14	860.55	NE	853.93	SE	854.13	SW 853.93	SANITARY SEWER MANHOLE	
15	859.04	SW	853.02	NE	853.06		SANITARY SEWER MANHOLE	

NOTES:

- 1) Except as specifically stated or shown on this map, this survey does not purport to reflect any of the following which may be applicable to the subject real estate: easements; building setback lines; restrictive covenants; subdivision restrictions; zoning or other land use regulations; and any other facts that an accurate and current title search may disclose. Survey was performed without the benefit of a title report.
- 2) No attempt has been made as a part of this survey to obtain or show data concerning condition or capacity of any utility or municipal/public service facility. For information regarding these utilities or facilities, please contact the appropriate agencies.
- 3) Date of field work: January 6-10, 2020
- 4) All surface and subsurface improvements on and adjacent to the site are not necessarily shown hereon.
- 5) All trees, hedges and ground cover on the site may not necessarily be shown hereon.
- 6) Routing of public utilities is based upon drawings obtained from the City of Madison Engineering Department, markings provided by Digger's Hotline Ticket Numbers 20195004281, 20195301396 and visible above ground structures. Additional buried utilities/structures may be encountered. No excavations were made to located utilities. Before excavations are performed contact Digger's Hotline.
- 7) Elevations are based upon NAVD88 datum. Elevations are transferred to the site utilizing RTK GPS surveying WISCORS Network.



CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
15	482290.830	819478.860	862.18	CUT X IN SIDEWALK
16	482018.090	819750.020	860.93	CUT X IN SIDEWALK
17	482172.580	819612.170	860.76	MAGNAIL IN SIDEWALK

SURVEY LEGEND

●	CONTROL POINT	AC	AIR CONDITIONER
●	3/4" SOLID IRON ROD FOUND	TV	TV PEDESTAL
●	1" IRON PIPE FOUND UNLESS NOTED	EP	ELECTRIC PEDESTAL
X	FOUND CHISELED "X" IN CONCRETE	UP	UTILITY POLE
●	FOUND NAIL	LP	LIGHT POLE
OH	OVERHEAD UTILITY WIRE	GL	GROUND LIGHT
G	BURIED GAS LINE	TP	TELEPHONE PEDESTAL
WM	WATER MAIN	FH	FIRE HYDRANT
SAN	SANITARY SEWER	S	SIGN
ST	STORM SEWER	GW	GUY WIRE
UT	BURIED TELEPHONE	EV	ELECTRIC VAULT
BE	BURIED ELECTRIC	B	BOLLARD
UTV	BURIED CABLE ACCESS TELEVISION LINE	SSI	STORM SEWER INLET
FO	BURIED FIBER OPTIC	EM	ELECTRIC MANHOLE
●	WATER VALVE	SSCB	SQUARE STORM SEWER CATCH BASIN
●	GAS VALVE	SM	STORM SEWER MANHOLE
●	GAS METER	RCB	ROUND CATCH BASIN
⊗	DECIDUOUS TREE (DBH IN INCHES)	CH	COMMUNICATIONS HANDHOLE
⊗	CONIFEROUS TREE (DBH IN INCHES)	SSM	SANITARY SEWER MANHOLE

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 Fax: 608-250-9266
 e-mail: Mburse@BSE-INC.net
 www.bursesurveyengr.com

NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
EXISTING CONDITIONS

SCALE	DATE	
SEE SHEET	02/09/2023	
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APPROVED	DEPT. APPROVAL	

SEAL

DRAWING NO.	C100
BPW CONTRACT NO.	
9313	
CONSULTANT'S PROJECT NO.	2022-001





NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION

330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
TRAFFIC CONTROL PLAN

SCALE: 1"=20'-0"
DATE: 02/09/2023

DRAWN BY: CS, LD
CHECKED: AM
REVIEWED: []

APPROVED: []
DEPT. APPROVAL: []

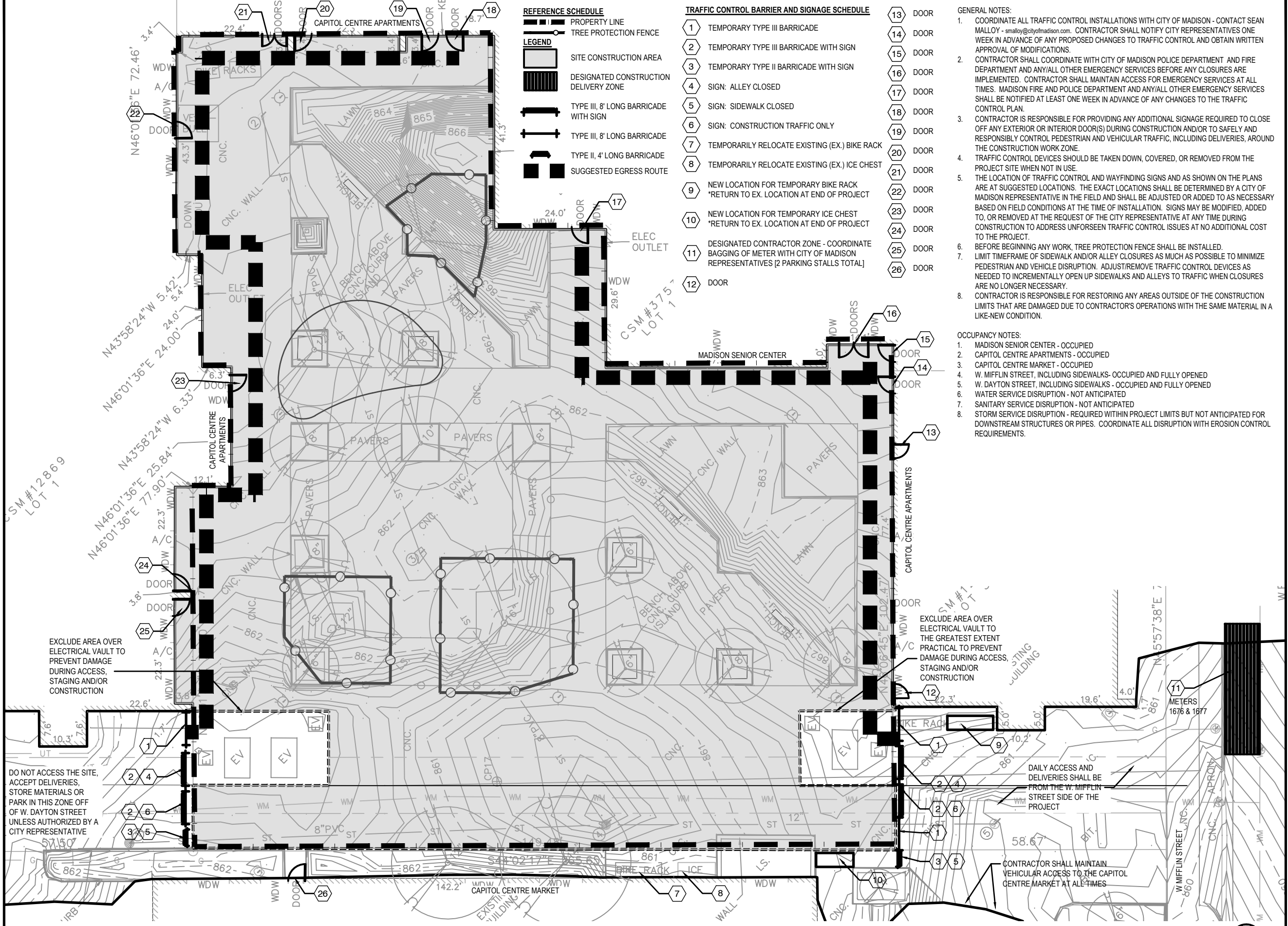
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DRAWING NO. **C101**
BPW CONTRACT NO. 9313
CONSULTANT'S PROJECT NO. 2022-001

- GENERAL NOTES:**
- COORDINATE ALL TRAFFIC CONTROL INSTALLATIONS WITH CITY OF MADISON - CONTACT SEAN MALLOY - smalloy@cityofmadison.com. CONTRACTOR SHALL NOTIFY CITY REPRESENTATIVES ONE WEEK IN ADVANCE OF ANY PROPOSED CHANGES TO TRAFFIC CONTROL AND OBTAIN WRITTEN APPROVAL OF MODIFICATIONS.
 - CONTRACTOR SHALL COORDINATE WITH CITY OF MADISON POLICE DEPARTMENT AND FIRE DEPARTMENT AND ANY/ALL OTHER EMERGENCY SERVICES BEFORE ANY CLOSURES ARE IMPLEMENTED. CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY SERVICES AT ALL TIMES. MADISON FIRE AND POLICE DEPARTMENT AND ANY/ALL OTHER EMERGENCY SERVICES SHALL BE NOTIFIED AT LEAST ONE WEEK IN ADVANCE OF ANY CHANGES TO THE TRAFFIC CONTROL PLAN.
 - CONTRACTOR IS RESPONSIBLE FOR PROVIDING ANY ADDITIONAL SIGNAGE REQUIRED TO CLOSE OFF ANY EXTERIOR OR INTERIOR DOOR(S) DURING CONSTRUCTION AND/OR TO SAFELY AND RESPONSIBLY CONTROL PEDESTRIAN AND VEHICULAR TRAFFIC, INCLUDING DELIVERIES, AROUND THE CONSTRUCTION WORK ZONE.
 - TRAFFIC CONTROL DEVICES SHOULD BE TAKEN DOWN, COVERED, OR REMOVED FROM THE PROJECT SITE WHEN NOT IN USE.
 - THE LOCATION OF TRAFFIC CONTROL AND WAYFINDING SIGNS AND AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS SHALL BE DETERMINED BY A CITY OF MADISON REPRESENTATIVE IN THE FIELD AND SHALL BE ADJUSTED OR ADDED TO AS NECESSARY BASED ON FIELD CONDITIONS AT THE TIME OF INSTALLATION. SIGNS MAY BE MODIFIED, ADDED TO, OR REMOVED AT THE REQUEST OF THE CITY REPRESENTATIVE AT ANY TIME DURING CONSTRUCTION TO ADDRESS UNFORSEEN TRAFFIC CONTROL ISSUES AT NO ADDITIONAL COST TO THE PROJECT.
 - BEFORE BEGINNING ANY WORK, TREE PROTECTION FENCE SHALL BE INSTALLED.
 - LIMIT TIMEFRAME OF SIDEWALK AND/OR ALLEY CLOSURES AS MUCH AS POSSIBLE TO MINIMIZE PEDESTRIAN AND VEHICLE DISRUPTION. ADJUST/REMOVE TRAFFIC CONTROL DEVICES AS NEEDED TO INCREMENTALLY OPEN UP SIDEWALKS AND ALLEYS TO TRAFFIC WHEN CLOSURES ARE NO LONGER NECESSARY.
 - CONTRACTOR IS RESPONSIBLE FOR RESTORING ANY AREAS OUTSIDE OF THE CONSTRUCTION LIMITS THAT ARE DAMAGED DUE TO CONTRACTOR'S OPERATIONS WITH THE SAME MATERIAL IN A LIKE-NEW CONDITION.
- OCCUPANCY NOTES:**
- MADISON SENIOR CENTER - OCCUPIED
 - CAPITOL CENTRE APARTMENTS - OCCUPIED
 - CAPITOL CENTRE MARKET - OCCUPIED
 - W. MIFFLIN STREET, INCLUDING SIDEWALKS - OCCUPIED AND FULLY OPENED
 - W. DAYTON STREET, INCLUDING SIDEWALKS - OCCUPIED AND FULLY OPENED
 - WATER SERVICE DISRUPTION - NOT ANTICIPATED
 - SANITARY SERVICE DISRUPTION - NOT ANTICIPATED
 - STORM SERVICE DISRUPTION - REQUIRED WITHIN PROJECT LIMITS BUT NOT ANTICIPATED FOR DOWNSTREAM STRUCTURES OR PIPES. COORDINATE ALL DISRUPTION WITH EROSION CONTROL REQUIREMENTS.

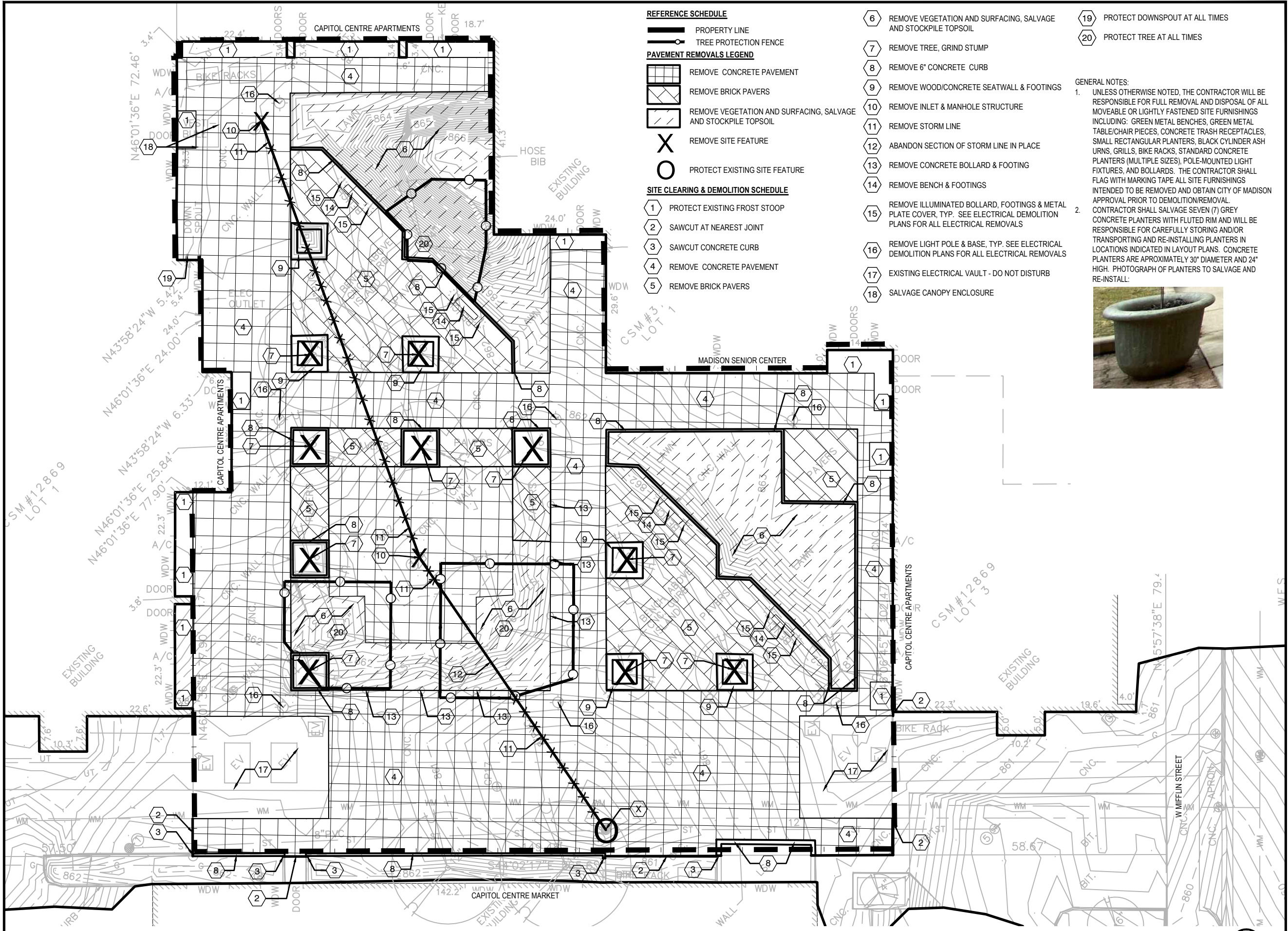
- TRAFFIC CONTROL BARRIER AND SIGNAGE SCHEDULE**
- | | | | |
|----|--|----|------|
| 1 | TEMPORARY TYPE III BARRICADE | 13 | DOOR |
| 2 | TEMPORARY TYPE III BARRICADE WITH SIGN | 14 | DOOR |
| 3 | TEMPORARY TYPE II BARRICADE WITH SIGN | 15 | DOOR |
| 4 | SIGN: ALLEY CLOSED | 16 | DOOR |
| 5 | SIGN: SIDEWALK CLOSED | 17 | DOOR |
| 6 | SIGN: CONSTRUCTION TRAFFIC ONLY | 18 | DOOR |
| 7 | TEMPORARILY RELOCATE EXISTING (EX.) BIKE RACK | 19 | DOOR |
| 8 | TEMPORARILY RELOCATE EXISTING (EX.) ICE CHEST | 20 | DOOR |
| 9 | NEW LOCATION FOR TEMPORARY BIKE RACK
*RETURN TO EX. LOCATION AT END OF PROJECT | 21 | DOOR |
| 10 | NEW LOCATION FOR TEMPORARY ICE CHEST
*RETURN TO EX. LOCATION AT END OF PROJECT | 22 | DOOR |
| 11 | DESIGNATED CONTRACTOR ZONE - COORDINATE BAGGING OF METER WITH CITY OF MADISON REPRESENTATIVES [2 PARKING STALLS TOTAL] | 23 | DOOR |
| 12 | DOOR | 24 | DOOR |
| | | 25 | DOOR |
| | | 26 | DOOR |

- REFERENCE SCHEDULE**
- PROPERTY LINE
 - TREE PROTECTION FENCE
- LEGEND**
- SITE CONSTRUCTION AREA
 - DESIGNATED CONSTRUCTION DELIVERY ZONE
 - TYPE III, 8' LONG BARRICADE WITH SIGN
 - TYPE III, 8' LONG BARRICADE
 - TYPE II, 4' LONG BARRICADE
 - SUGGESTED EGRESS ROUTE



1 TRAFFIC CONTROL PLAN
SCALE: 1" = 20'-0"





REFERENCE SCHEDULE

- PROPERTY LINE
 - TREE PROTECTION FENCE
- PAVEMENT REMOVALS LEGEND**
- REMOVE CONCRETE PAVEMENT
 - REMOVE BRICK PAVERS
 - REMOVE VEGETATION AND SURFACING, SALVAGE AND STOCKPILE TOPSOIL
 - REMOVE SITE FEATURE
 - PROTECT EXISTING SITE FEATURE
- SITE CLEARING & DEMOLITION SCHEDULE**
- 1 PROTECT EXISTING FROST STOOP
 - 2 SAWCUT AT NEAREST JOINT
 - 3 SAWCUT CONCRETE CURB
 - 4 REMOVE CONCRETE PAVEMENT
 - 5 REMOVE BRICK PAVERS
 - 6 REMOVE VEGETATION AND SURFACING, SALVAGE AND STOCKPILE TOPSOIL
 - 7 REMOVE TREE, GRIND STUMP
 - 8 REMOVE 6" CONCRETE CURB
 - 9 REMOVE WOOD/CONCRETE SEATWALL & FOOTINGS
 - 10 REMOVE INLET & MANHOLE STRUCTURE
 - 11 REMOVE STORM LINE
 - 12 ABANDON SECTION OF STORM LINE IN PLACE
 - 13 REMOVE CONCRETE BOLLARD & FOOTING
 - 14 REMOVE BENCH & FOOTINGS
 - 15 REMOVE ILLUMINATED BOLLARD, FOOTINGS & METAL PLATE COVER, TYP. SEE ELECTRICAL DEMOLITION PLANS FOR ALL ELECTRICAL REMOVALS
 - 16 REMOVE LIGHT POLE & BASE, TYP. SEE ELECTRICAL DEMOLITION PLANS FOR ALL ELECTRICAL REMOVALS
 - 17 EXISTING ELECTRICAL VAULT - DO NOT DISTURB
 - 18 SALVAGE CANOPY ENCLOSURE
 - 19 PROTECT DOWNSPOUT AT ALL TIMES
 - 20 PROTECT TREE AT ALL TIMES

GENERAL NOTES:

- UNLESS OTHERWISE NOTED, THE CONTRACTOR WILL BE RESPONSIBLE FOR FULL REMOVAL AND DISPOSAL OF ALL MOVEABLE OR LIGHTLY FASTENED SITE FURNISHINGS INCLUDING: GREEN METAL BENCHES, GREEN METAL TABLE/CHAIR PIECES, CONCRETE TRASH RECEPTACLES, SMALL RECTANGULAR PLANTERS, BLACK CYLINDER ASH URNS, GRILLS, BIKE RACKS, STANDARD CONCRETE PLANTERS (MULTIPLE SIZES), POLE-MOUNTED LIGHT FIXTURES, AND BOLLARDS. THE CONTRACTOR SHALL FLAG WITH MARKING TAPE ALL SITE FURNISHINGS INTENDED TO BE REMOVED AND OBTAIN CITY OF MADISON APPROVAL PRIOR TO DEMOLITION/REMOVAL.
- CONTRACTOR SHALL SALVAGE SEVEN (7) GREY CONCRETE PLANTERS WITH FLUTED RIM AND WILL BE RESPONSIBLE FOR CAREFULLY STORING AND/OR TRANSPORTING AND RE-INSTALLING PLANTERS IN LOCATIONS INDICATED IN LAYOUT PLANS. CONCRETE PLANTERS ARE APPROXIMATELY 30" DIAMETER AND 24" HIGH. PHOTOGRAPH OF PLANTERS TO SALVAGE AND RE-INSTALL:



1 DEMOLITION PLAN
SCALE: 1" = 20'-0"



NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
DEMOLITION PLAN

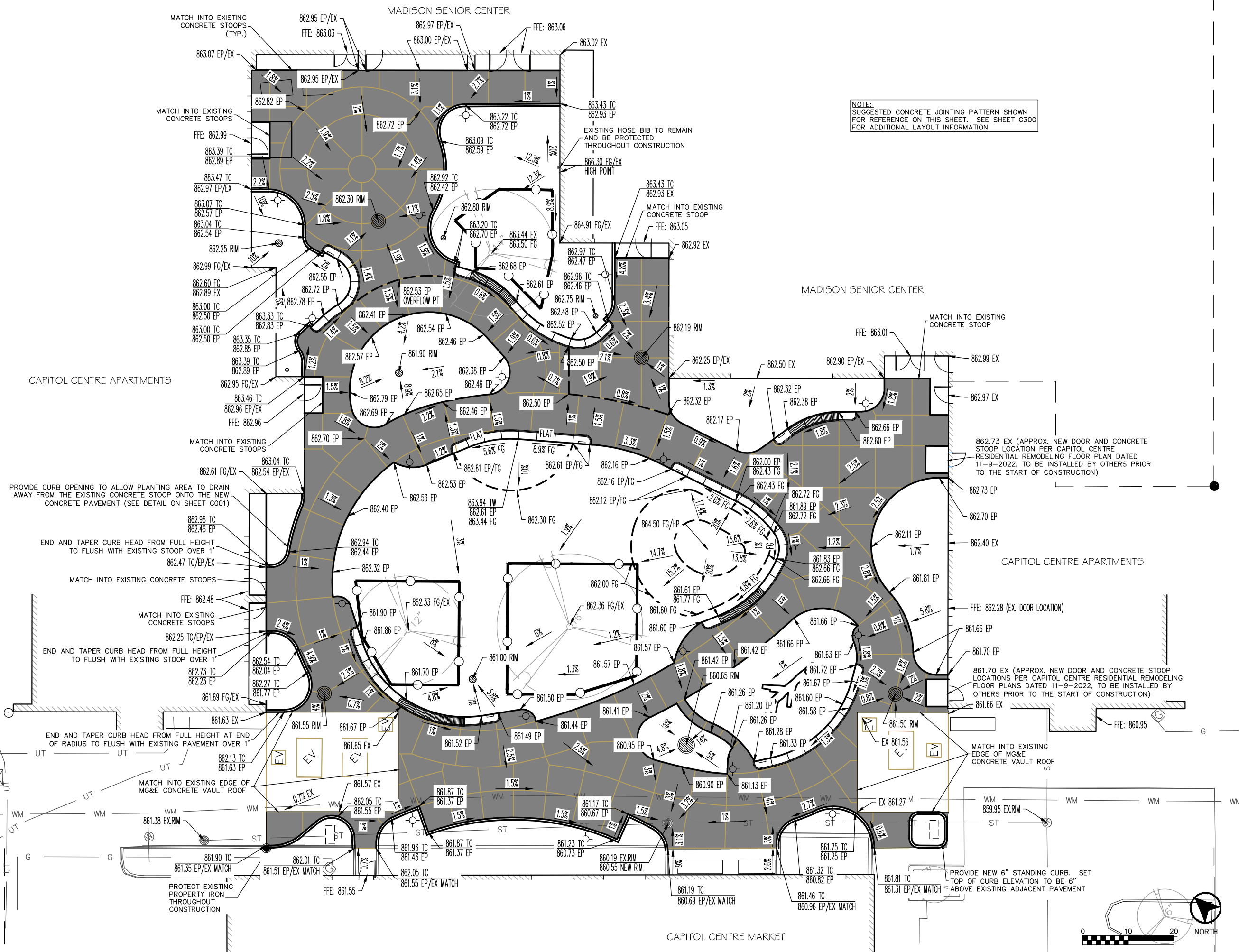
SCALE: 1"=20'-0" DATE: 02/09/2023

DRAWN BY: CS, LD CHECKED: AM REVIEWED:

APPROVED: DEPT. APPROVAL:

SEAL:

DRAWING NO. **C102**
BPW CONTRACT NO. 9313
CONSULTANT'S PROJECT NO. 2022-001



NOTE:
 SUGGESTED CONCRETE JOINTING PATTERN SHOWN
 FOR REFERENCE ON THIS SHEET. SEE SHEET C300
 FOR ADDITIONAL LAYOUT INFORMATION.

NO.	REVISION	DATE

CLIENT
**CITY OF MADISON PARKS
 DIVISION**
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
**MADISON SENIOR CENTER
 COURTYARD**
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
GRADING PLAN

SCALE
SEE SHEET

DATE
02/09/2023

DRAWN BY
BJB

CHECKED
PDF

REVIEWED
MLB

APPROVED

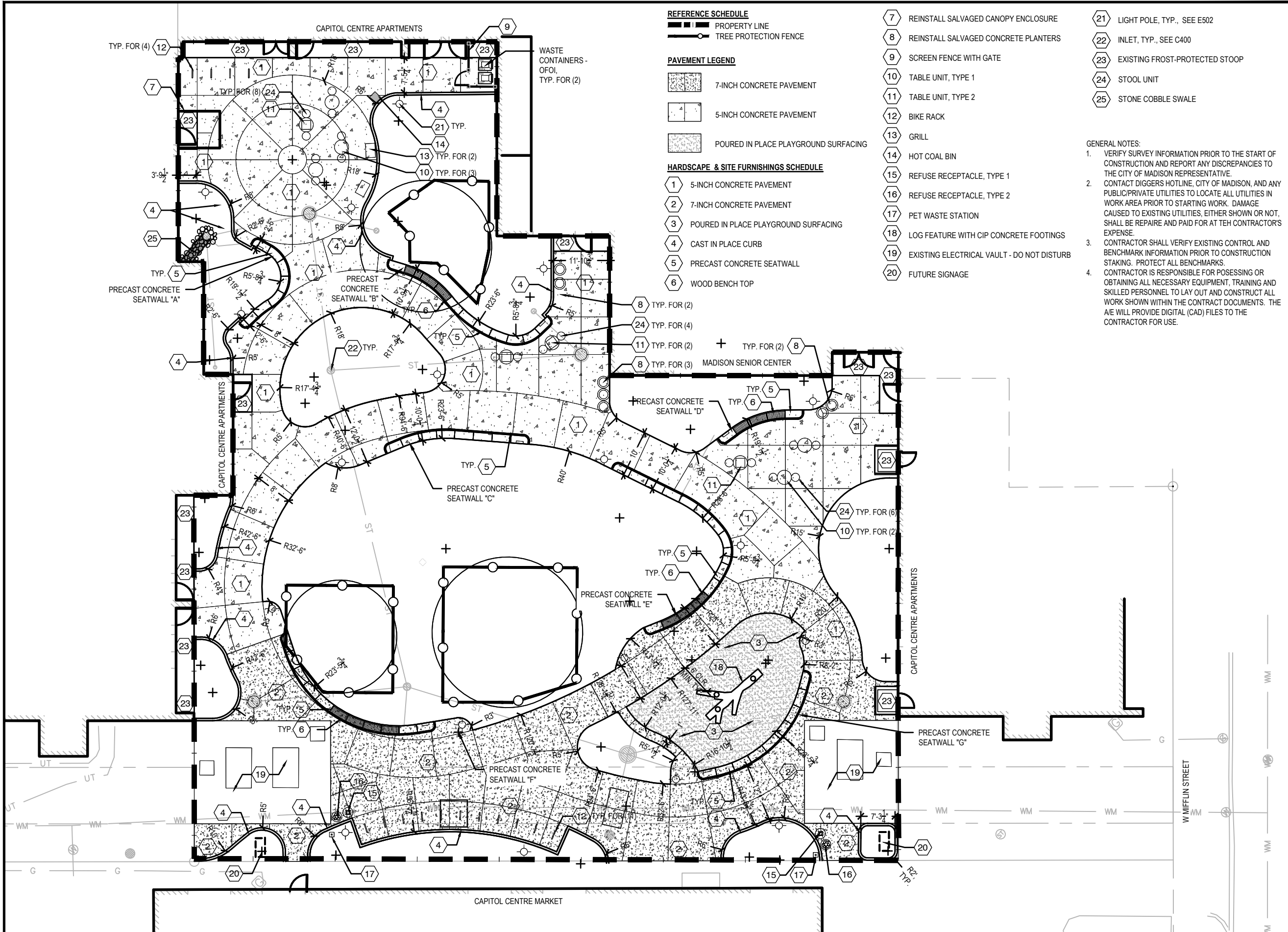
DEPT. APPROVAL

SEAL

DRAWING NO.
C200

BPW CONTRACT NO.
9313

CONSULTANT'S PROJECT
 NO.
2022-001



REFERENCE SCHEDULE

- ▬ PROPERTY LINE
- TREE PROTECTION FENCE

PAVEMENT LEGEND

- 7-INCH CONCRETE PAVEMENT
- 5-INCH CONCRETE PAVEMENT
- POURED IN PLACE PLAYGROUND SURFACING

HARDSCAPE & SITE FURNISHINGS SCHEDULE

- 1 5-INCH CONCRETE PAVEMENT
- 2 7-INCH CONCRETE PAVEMENT
- 3 POURED IN PLACE PLAYGROUND SURFACING
- 4 CAST IN PLACE CURB
- 5 PRECAST CONCRETE SEATWALL
- 6 WOOD BENCH TOP
- 7 REINSTALL SALVAGED CANOPY ENCLOSURE
- 8 REINSTALL SALVAGED CONCRETE PLANTERS
- 9 SCREEN FENCE WITH GATE
- 10 TABLE UNIT, TYPE 1
- 11 TABLE UNIT, TYPE 2
- 12 BIKE RACK
- 13 GRILL
- 14 HOT COAL BIN
- 15 REFUSE RECEPTACLE, TYPE 1
- 16 REFUSE RECEPTACLE, TYPE 2
- 17 PET WASTE STATION
- 18 LOG FEATURE WITH CIP CONCRETE FOOTINGS
- 19 EXISTING ELECTRICAL VAULT - DO NOT DISTURB
- 20 FUTURE SIGNAGE

- 21 LIGHT POLE, TYP., SEE E502
- 22 INLET, TYP., SEE C400
- 23 EXISTING FROST-PROTECTED STOOP
- 24 STOOL UNIT
- 25 STONE COBBLE SWALE

GENERAL NOTES:

- VERIFY SURVEY INFORMATION PRIOR TO THE START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE CITY OF MADISON REPRESENTATIVE.
- CONTACT DIGGERS HOTLINE, CITY OF MADISON, AND ANY PUBLIC/PRIVATE UTILITIES TO LOCATE ALL UTILITIES IN WORK AREA PRIOR TO STARTING WORK. DAMAGE CAUSED TO EXISTING UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL VERIFY EXISTING CONTROL AND BENCHMARK INFORMATION PRIOR TO CONSTRUCTION STAKING. PROTECT ALL BENCHMARKS.
- CONTRACTOR IS RESPONSIBLE FOR POSSESSING OR OBTAINING ALL NECESSARY EQUIPMENT, TRAINING AND SKILLED PERSONNEL TO LAY OUT AND CONSTRUCT ALL WORK SHOWN WITHIN THE CONTRACT DOCUMENTS. THE A/E WILL PROVIDE DIGITAL (CAD) FILES TO THE CONTRACTOR FOR USE.

NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
LAYOUT AND MATERIALS PLAN

SCALE: 1"=20'-0"
 DATE: 02/09/2023

DRAWN BY: CS, LD
 CHECKED: AM
 REVIEWED: []

APPROVED: []
 DEPT. APPROVAL: []

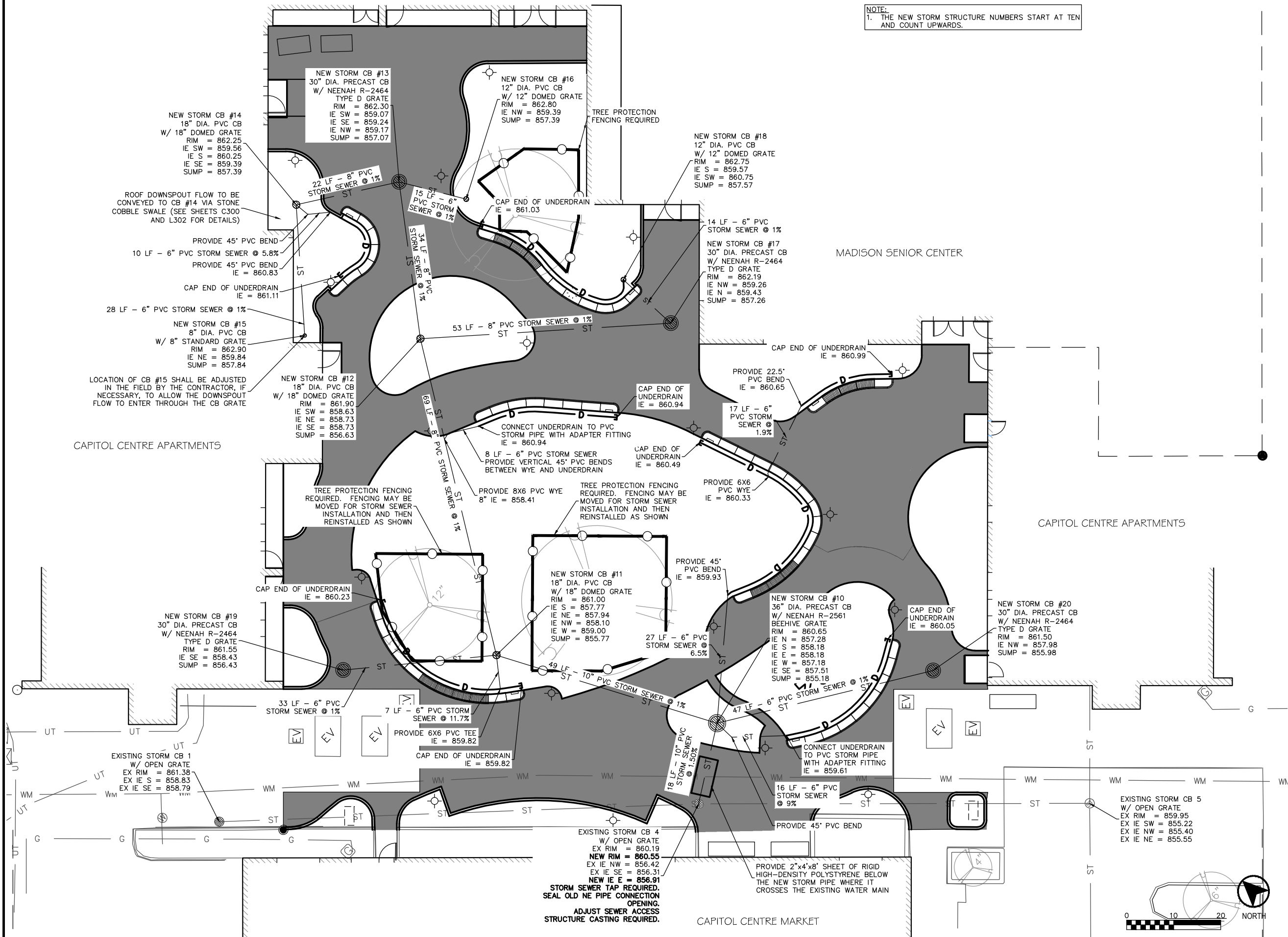
SEAL: []

DRAWING NO.: **C300**
 BPW CONTRACT NO.: 9313
 CONSULTANT'S PROJECT NO.: 2022-001

1 LAYOUT AND MATERIAL PLAN
 SCALE: 1" = 20'-0"



NOTE:
 1. THE NEW STORM STRUCTURE NUMBERS START AT TEN
 AND COUNT UPWARDS.



NO.	REVISION	DATE

CLIENT
**CITY OF MADISON PARKS
 DIVISION**
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
**MADISON SENIOR CENTER
 COURTYARD**
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
STORM SEWER PLAN

SCALE
SEE SHEET

DATE
02/09/2023

DRAWN BY
BJB

CHECKED
PDF

REVIEWED
MLB

APPROVED

DEPT. APPROVAL

SEAL

DRAWING NO.
C400

BPW CONTRACT NO.
9313

CONSULTANT'S PROJECT NO.
2022-001

NO.	REVISION	DATE

CLIENT
**CITY OF MADISON PARKS
 DIVISION**
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
**MADISON SENIOR CENTER
 COURTYARD**
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
**EROSION CONTROL
 PLAN**

SCALE DATE
SEE SHEET 02/09/2023

DRAWN BY CHECKED REVIEWED
BJB PDF MLB

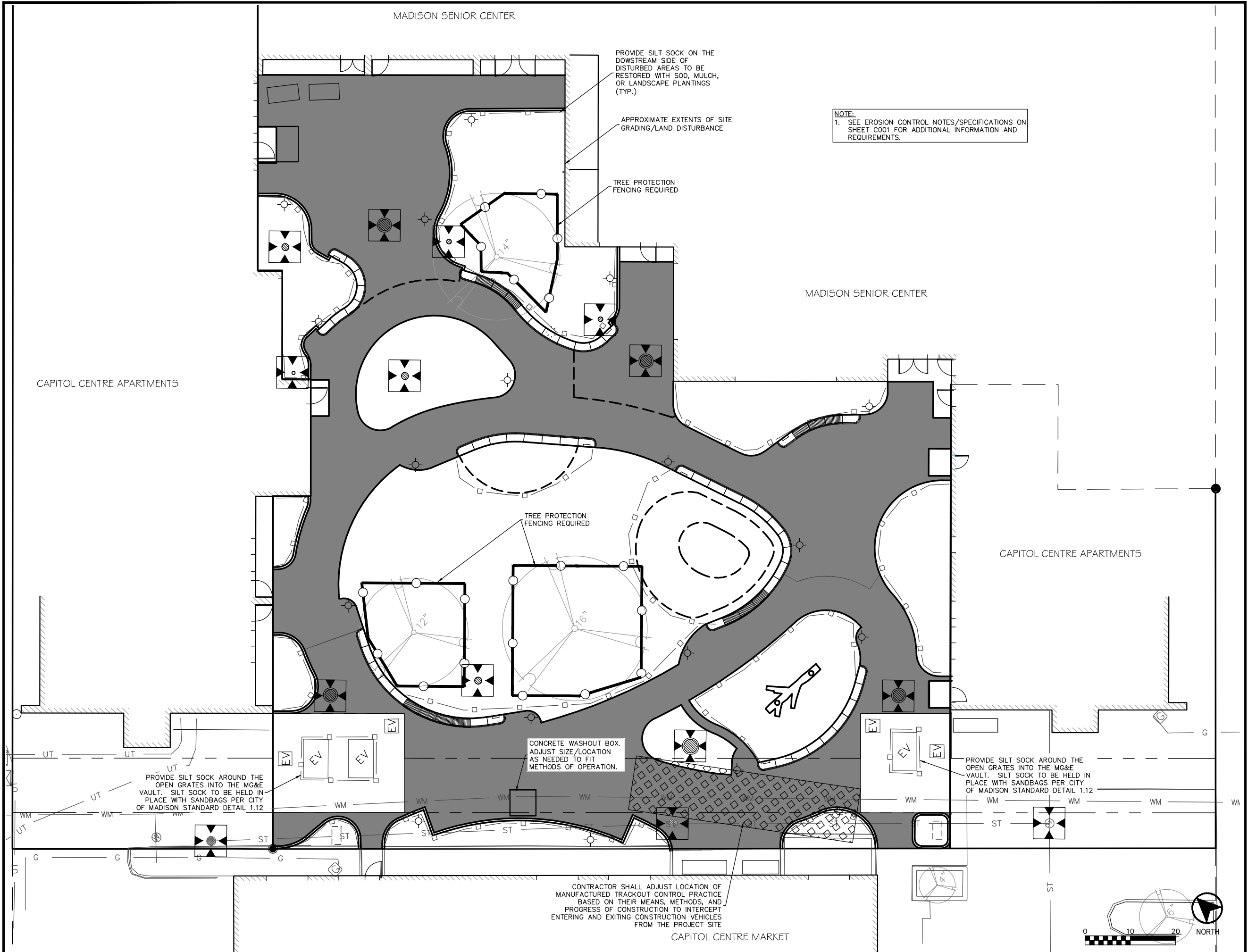
APPROVED DEPT. APPROVAL

SEAL

DRAWING NO.
C500

BPW CONTRACT NO.
9313

CONSULTANT'S PROJECT NO.
2022-001



NOTE:
 1. SEE EROSION CONTROL NOTES/SPECIFICATIONS ON SHEET C001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

PROVIDE SILT SOCK ON THE DOWNSTREAM SIDE OF DISTURBED AREAS TO BE RESTORED WITH SOD, MULCH, OR LANDSCAPE PLANTINGS (TYP.)

APPROXIMATE EXTENTS OF SITE GRADING/LAND DISTURBANCE

TREE PROTECTION FENCING REQUIRED

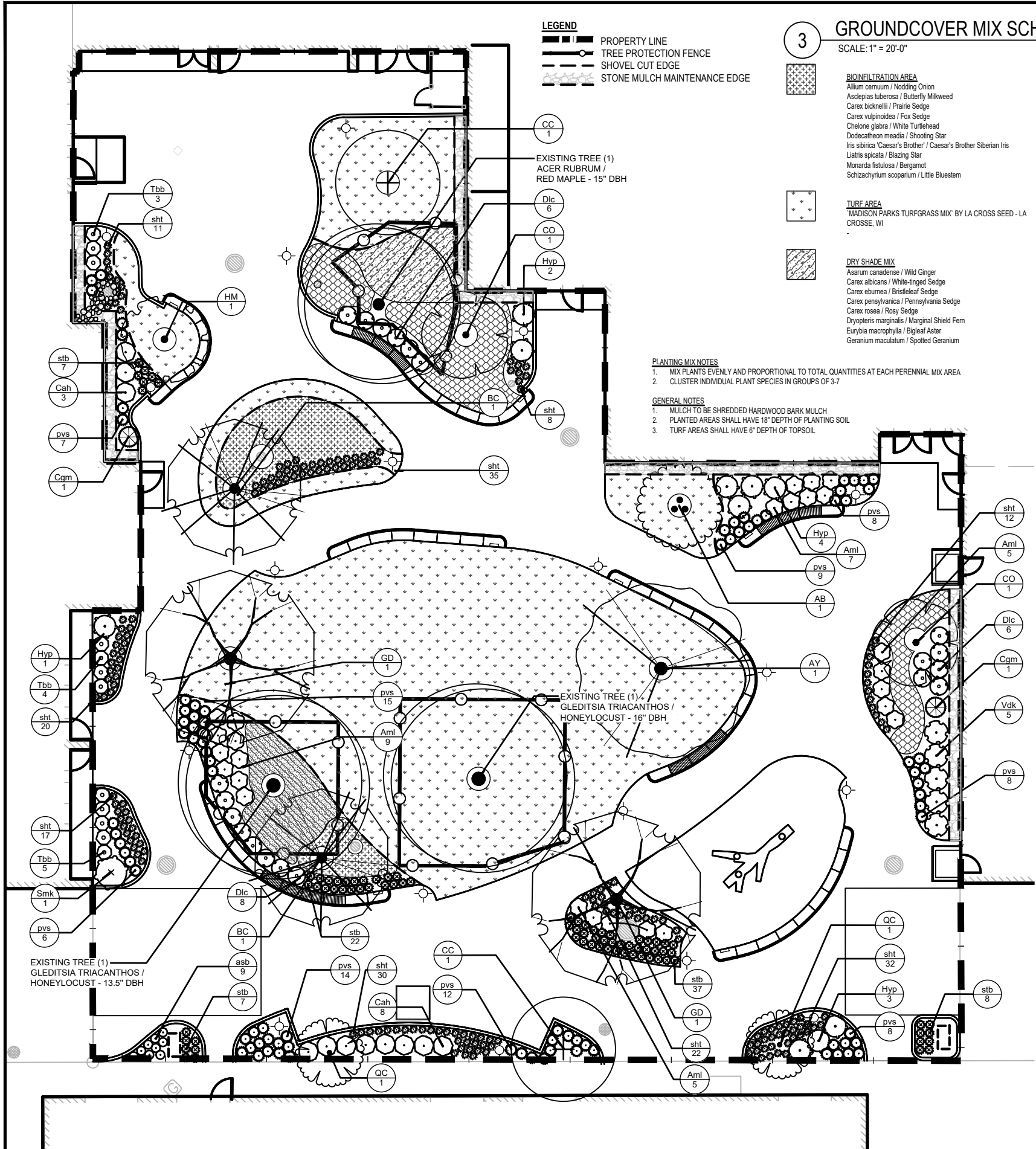
TREE PROTECTION FENCING REQUIRED

CONCRETE WASHOUT BOX. ADJUST SIZE/LOCATION AS NEEDED TO FIT METHODS OF OPERATION.

PROVIDE SILT SOCK AROUND THE OPEN GRATES INTO THE MG&E VAULT. SILT SOCK TO BE HELD IN PLACE WITH SANDBAGS PER CITY OF MADISON STANDARD DETAIL 1.12

PROVIDE SILT SOCK AROUND THE OPEN GRATES INTO THE MG&E VAULT. SILT SOCK TO BE HELD IN PLACE WITH SANDBAGS PER CITY OF MADISON STANDARD DETAIL 1.12

CONTRACTOR SHALL ADJUST LOCATION OF MANUFACTURED TRACKOUT CONTROL PRACTICE BASED ON THEIR MEANS, METHODS, AND PROGRESS OF CONSTRUCTION TO INTERCEPT ENTERING AND EXITING CONSTRUCTION VEHICLES FROM THE PROJECT SITE



LEGEND

- PROPERTY LINE
- - - TREE PROTECTION FENCE
- - - SHOVEL CUT EDGE
- - - STONE MULCH MAINTENANCE EDGE

3 GROUNDCOVER MIX SCHEDULE
SCALE: 1" = 20'-0"

BIOFILTRATION AREA	337 sf	3" plug	10% @ 12" oc																																								
Allium cernuum / Nodding Onion	36	3" plug	10% @ 12" oc																																								
Asclepias tuberosa / Butterfly Milkweed	36	3" plug	10% @ 12" oc																																								
Carex bicknellii / Prairie Sedge	36	3" plug	10% @ 12" oc																																								
Carex vulpinoidea / Fox Sedge	36	3" plug	10% @ 12" oc																																								
Chelone glabra / White Turtlehead	36	3" plug	10% @ 12" oc																																								
Dodecatheon meadia / Shooting Star	36	3" plug	10% @ 12" oc																																								
Iris sibirica 'Caesar's Brother' / Caesar's Brother Siberian Iris	36	3" plug	10% @ 12" oc																																								
Liatis spicata / Blazing Star	36	3" plug	10% @ 12" oc																																								
Monarda fistulosa / Bergamot	36	3" plug	10% @ 12" oc																																								
Schizachyrium scoparium / Little Bluestem	36	3" plug	10% @ 12" oc																																								
TURF AREA	4,456 sf	MADISON PARKS TURFGRASS MIX BY LA CROSSE SEED - LA CROSSE, WI																																									
DRY SHADE MIX	184 sf	<table border="1"> <tr><td>Asarum canadense / Wild Ginger</td><td>9</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Carex albicans / White-tinged Sedge</td><td>9</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Carex aburnea / Bristleleaf Sedge</td><td>9</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Carex pennsylvanica / Pennsylvania Sedge</td><td>17</td><td>1 gal</td><td>20% @ 18" oc</td></tr> <tr><td>Carex rosea / Rosy Sedge</td><td>9</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Dryopteris marginalis / Marginal Shield Fern</td><td>13</td><td>1 gal</td><td>15% @ 18" oc</td></tr> <tr><td>Eurybia macrophylla / Bigleaf Aster</td><td>13</td><td>1 gal</td><td>15% @ 18" oc</td></tr> <tr><td>Geranium maculatum / Spotted Geranium</td><td>9</td><td>1 gal</td><td>10% @ 18" oc</td></tr> </table>		Asarum canadense / Wild Ginger	9	1 gal	10% @ 18" oc	Carex albicans / White-tinged Sedge	9	1 gal	10% @ 18" oc	Carex aburnea / Bristleleaf Sedge	9	1 gal	10% @ 18" oc	Carex pennsylvanica / Pennsylvania Sedge	17	1 gal	20% @ 18" oc	Carex rosea / Rosy Sedge	9	1 gal	10% @ 18" oc	Dryopteris marginalis / Marginal Shield Fern	13	1 gal	15% @ 18" oc	Eurybia macrophylla / Bigleaf Aster	13	1 gal	15% @ 18" oc	Geranium maculatum / Spotted Geranium	9	1 gal	10% @ 18" oc								
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DRY PART-SHADE MIX	664 sf	<table border="1"> <tr><td>Aquilegia canadensis / Eastern Columbine</td><td>31</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Carex albicans / White-tinged Sedge</td><td>47</td><td>1 gal</td><td>15% @ 18" oc</td></tr> <tr><td>Carex pennsylvanica / Pennsylvania Sedge</td><td>31</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Carex plantaginifolia / Plantain-leaved Sedge</td><td>47</td><td>1 gal</td><td>15% @ 18" oc</td></tr> <tr><td>Carex rosea / Rosy Sedge</td><td>31</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Elymus hystrix / Bottlebrush Grass</td><td>31</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Geranium maculatum / Spotted Geranium</td><td>31</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Heuchera villosa 'Autumn Bride' / Autumn Bride Hairy Alumroot</td><td>31</td><td>1 gal</td><td>10% @ 18" oc</td></tr> <tr><td>Solidago flexicaulis / Zigzag Goldenrod</td><td>31</td><td>1 gal</td><td>10% @ 18" oc</td></tr> </table>		Aquilegia canadensis / Eastern Columbine	31	1 gal	10% @ 18" oc	Carex albicans / White-tinged Sedge	47	1 gal	15% @ 18" oc	Carex pennsylvanica / Pennsylvania Sedge	31	1 gal	10% @ 18" oc	Carex plantaginifolia / Plantain-leaved Sedge	47	1 gal	15% @ 18" oc	Carex rosea / Rosy Sedge	31	1 gal	10% @ 18" oc	Elymus hystrix / Bottlebrush Grass	31	1 gal	10% @ 18" oc	Geranium maculatum / Spotted Geranium	31	1 gal	10% @ 18" oc	Heuchera villosa 'Autumn Bride' / Autumn Bride Hairy Alumroot	31	1 gal	10% @ 18" oc	Solidago flexicaulis / Zigzag Goldenrod	31	1 gal	10% @ 18" oc				
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- PLANTING MIX NOTES**
- MIX PLANTS EVENLY AND PROPORTIONAL TO TOTAL QUANTITIES AT EACH PERENNIAL MIX AREA
 - CLUSTER INDIVIDUAL PLANT SPECIES IN GROUPS OF 3-7
- GENERAL NOTES**
- MULCH TO BE SHREDDED HARDWOOD BARK MULCH
 - PLANTED AREAS SHALL HAVE 18" DEPTH OF PLANTING SOIL
 - TURF AREAS SHALL HAVE 6" DEPTH OF TOPSOIL

2 PLANT SCHEDULE
SCALE: 1" = 20'-0"

ORNAMENTAL TREES	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	AB	Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Serviceberry	B & B	UPRIGHT MULTI-STEM	1
	CC	Cercis canadensis / Eastern Redbud	B & B	2" Cal	2
	CO	Cornus alternifolia / Pagoda Dogwood	B & B	2" Cal, Specimen Quality	2
	HM	Hamamelis vernalis / Ozark Witchhazel	B & B	2" Cal, Specimen Quality	1
SHADE TREES	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	AY	Acer miyabei 'Morton' TM / State Street Miyabei Maple	B & B	2" Cal	1
	BC	Betula nigra 'Cully' TM / Heritage River Birch	B & B	2" Cal, 6' HT (MIN.)	2
	GD	Gymnocladia dioica 'Espresso' / Espresso Coffeetree	B & B	2" Cal	2
	QC	Quercus robur x alba 'Crimschmidt' / Crimson Spire™ Oak	B & B	2" Cal	2
DECIDUOUS SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	Aml	Aronia melanocarpa 'UCONNAM168' / Low Scape Hedge® Black Chokeberry	5 gal	24" HT (MIN.)	26
	Cah	Clethra alnifolia 'Hummingbird' / Hummingbird Summersweet	5 gal	24" HT. (MIN.)	11
	Dlc	Diervilla lonicera 'Copper' / Copper Dwarf Bush Honeysuckle	2 gal	18" HT (MIN.)	20
	Hyp	Hydrangea paniculata 'SMHPLOF' / Little Quick Fire® Panicle Hydrangea	5 gal	24" HT (MIN.)	10
	Smk	Syringa patula 'Miss Kim' / Miss Kim Lilac	3 gal	24" HT (MIN.)	1
	Vdk	Viburnum dentatum 'XLMseventeen' / Little Joe™ Arrowwood Viburnum	5 gal	30" HT (MIN.)	5
EVERGREEN SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	Cgm	Chamaecyparis pisifera 'Golden Mop' / Golden Mop False Cypress	3 gal	18" HT. (MIN.)	2
	Tbb	Thuja occidentalis 'Bobazam' / Mr. Bowling Ball™ Arborvitae	3 gal	18" HT (MIN.)	12
HERBACEOUS PERENNIALS	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	asb	Allium tanguticum 'Summer Beauty' / Summer Beauty Allium	1 gal		9
ORNAMENTAL GRASSES	CODE	BOTANICAL / COMMON NAME	CONT.	SIZE	QTY
	pvs	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass	1 gal		87
	stb	Schizachyrium scoparium 'The Blues' / The Blues Little Bluestem	1 gal		81
	sht	Sporobolus heterolepis 'Tara' / Prairie Dropseed	1 gal		188
	EXISTING TREE TO BE PROTECTED IN PLACE				3

1 PLANTING PLAN
SCALE: 1" = 20'-0"



NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION

330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD

330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
PLANTING PLAN

SCALE 1"=20'-0"	DATE 02/09/2023	
DRAWN BY CS, LD	CHECKED AM	REVIEWED
APPROVED		DEPT. APPROVAL
SEAL		
BPW CONTRACT NO. 9313		DRAWING NO. L100
CONSULTANT'S PROJECT NO. 2022-001		



NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
SITE DETAILS

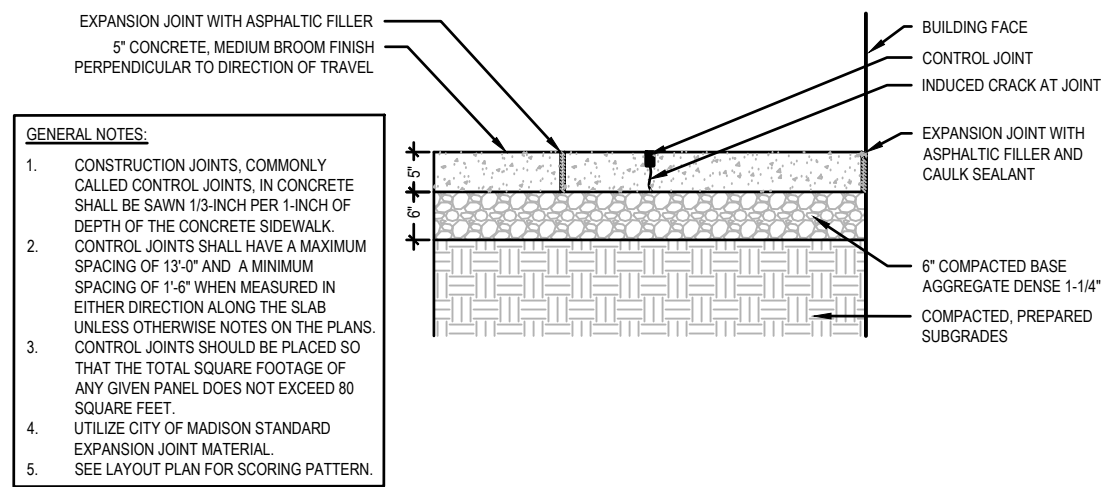
SCALE DATE
02/09/2023

DRAWN BY CHECKED REVIEWED
CS, LD AM

APPROVED DEPT. APPROVAL

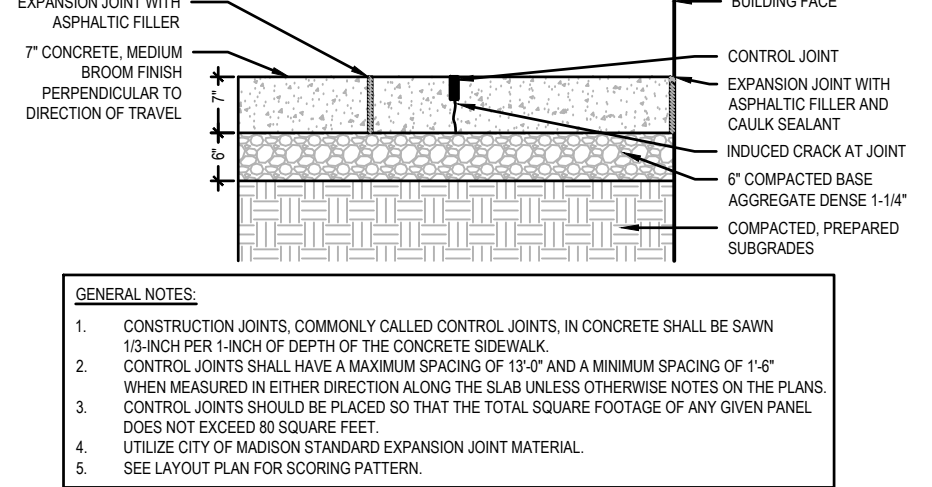
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DRAWING NO. L200
BPW CONTRACT NO. 9313
CONSULTANT'S PROJECT NO. 2022-001



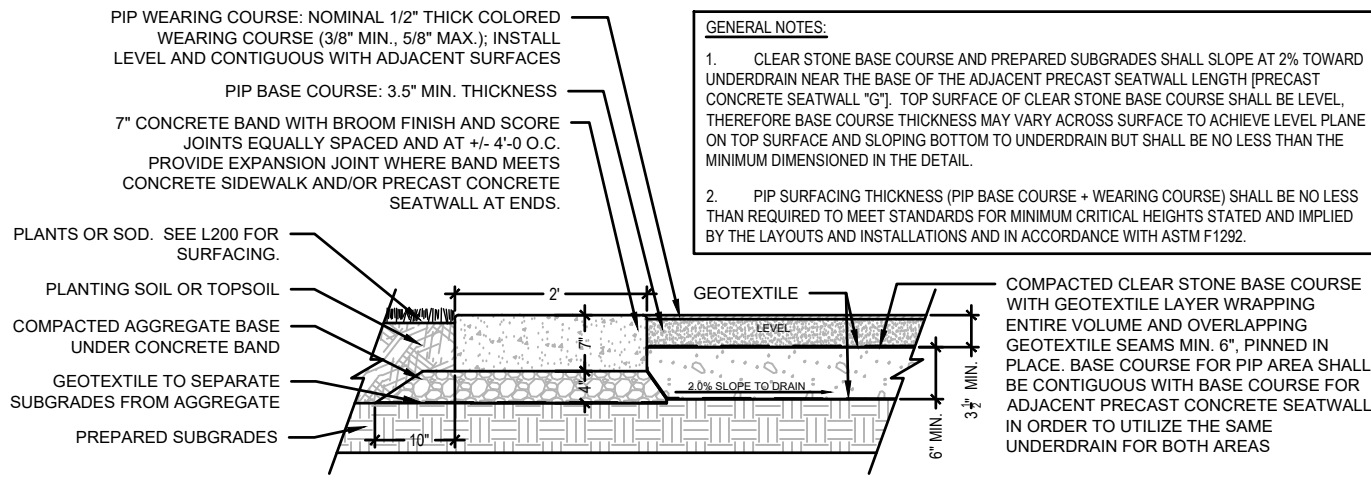
- GENERAL NOTES:**
- CONSTRUCTION JOINTS, COMMONLY CALLED CONTROL JOINTS, IN CONCRETE SHALL BE SAWN 1/3-INCH PER 1-INCH OF DEPTH OF THE CONCRETE SIDEWALK.
 - CONTROL JOINTS SHALL HAVE A MAXIMUM SPACING OF 13'-0" AND A MINIMUM SPACING OF 1'-6" WHEN MEASURED IN EITHER DIRECTION ALONG THE SLAB UNLESS OTHERWISE NOTES ON THE PLANS.
 - CONTROL JOINTS SHOULD BE PLACED SO THAT THE TOTAL SQUARE FOOTAGE OF ANY GIVEN PANEL DOES NOT EXCEED 80 SQUARE FEET.
 - UTILIZE CITY OF MADISON STANDARD EXPANSION JOINT MATERIAL.
 - SEE LAYOUT PLAN FOR SCORING PATTERN.

1 5-INCH CONCRETE PAVEMENT
SCALE: 1/2" = 1'-0"



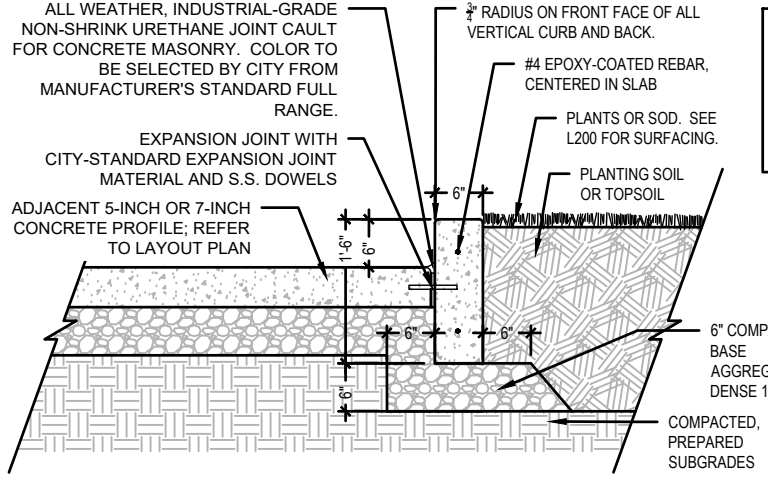
- GENERAL NOTES:**
- CONSTRUCTION JOINTS, COMMONLY CALLED CONTROL JOINTS, IN CONCRETE SHALL BE SAWN 1/3-INCH PER 1-INCH OF DEPTH OF THE CONCRETE SIDEWALK.
 - CONTROL JOINTS SHALL HAVE A MAXIMUM SPACING OF 13'-0" AND A MINIMUM SPACING OF 1'-6" WHEN MEASURED IN EITHER DIRECTION ALONG THE SLAB UNLESS OTHERWISE NOTES ON THE PLANS.
 - CONTROL JOINTS SHOULD BE PLACED SO THAT THE TOTAL SQUARE FOOTAGE OF ANY GIVEN PANEL DOES NOT EXCEED 80 SQUARE FEET.
 - UTILIZE CITY OF MADISON STANDARD EXPANSION JOINT MATERIAL.
 - SEE LAYOUT PLAN FOR SCORING PATTERN.

2 7-INCH CONCRETE PAVEMENT
SCALE: 1/2" = 1'-0"



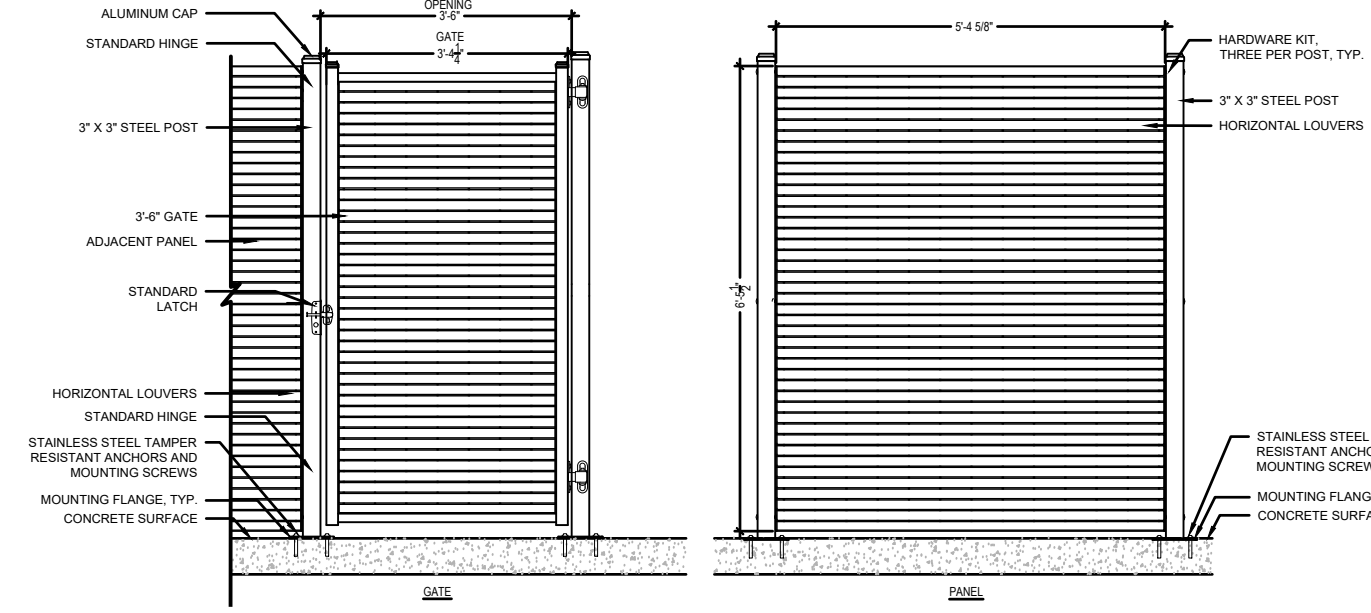
- GENERAL NOTES:**
- CLEAR STONE BASE COURSE AND PREPARED SUBGRADES SHALL SLOPE AT 2% TOWARD UNDERDRAIN NEAR THE BASE OF THE ADJACENT PRECAST SEATWALL LENGTH [PRECAST CONCRETE SEATWALL "G"]. TOP SURFACE OF CLEAR STONE BASE COURSE SHALL BE LEVEL, THEREFORE BASE COURSE THICKNESS MAY VARY ACROSS SURFACE TO ACHIEVE LEVEL PLANE ON TOP SURFACE AND SLOPING BOTTOM TO UNDERDRAIN BUT SHALL BE NO LESS THAN THE MINIMUM DIMENSIONED IN THE DETAIL.
 - PIP SURFACING THICKNESS (PIP BASE COURSE + WEARING COURSE) SHALL BE NO LESS THAN REQUIRED TO MEET STANDARDS FOR MINIMUM CRITICAL HEIGHTS STATED AND IMPLIED BY THE LAYOUTS AND INSTALLATIONS AND IN ACCORDANCE WITH ASTM F1292.

3 POURED-IN-PLACE PLAYGROUND SURFACING
SCALE: 1/2" = 1'-0"

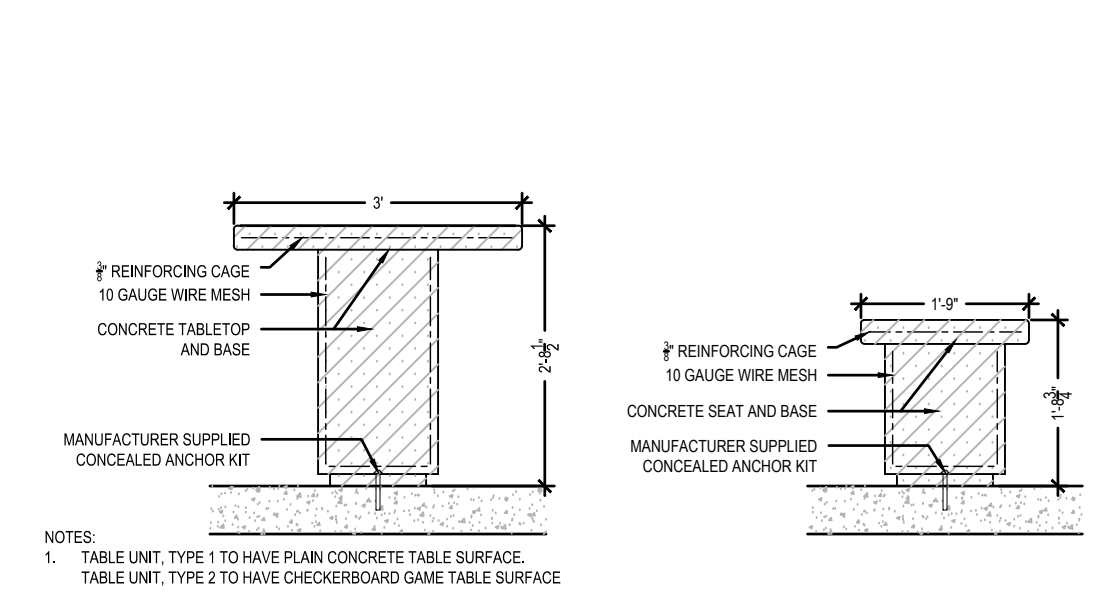


- GENERAL NOTES:**
- SPACE STAINLESS STEEL DOWELS 36-INCHES O.C., OR AS NEEDED.
 - PROVIDE A RUBBED FINISH ON ALL EXPOSED SURFACES OF CONCRETE CURB.

4 CAST IN PLACE CURB
SCALE: 1/2" = 1'-0"



5 SCREEN FENCE WITH GATE
SCALE: 3/8" = 1'-0"



- NOTES:**
- TABLE UNIT, TYPE 1 TO HAVE PLAIN CONCRETE TABLE SURFACE. TABLE UNIT, TYPE 2 TO HAVE CHECKERBOARD GAME TABLE SURFACE.

6 TABLE UNIT, TYPES 1 AND 2
SCALE: 1/2" = 1'-0"

7 STOOL UNIT
SCALE: 1/2" = 1'-0"



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330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
SITE DETAILS

SCALE	DATE
	02/09/2023

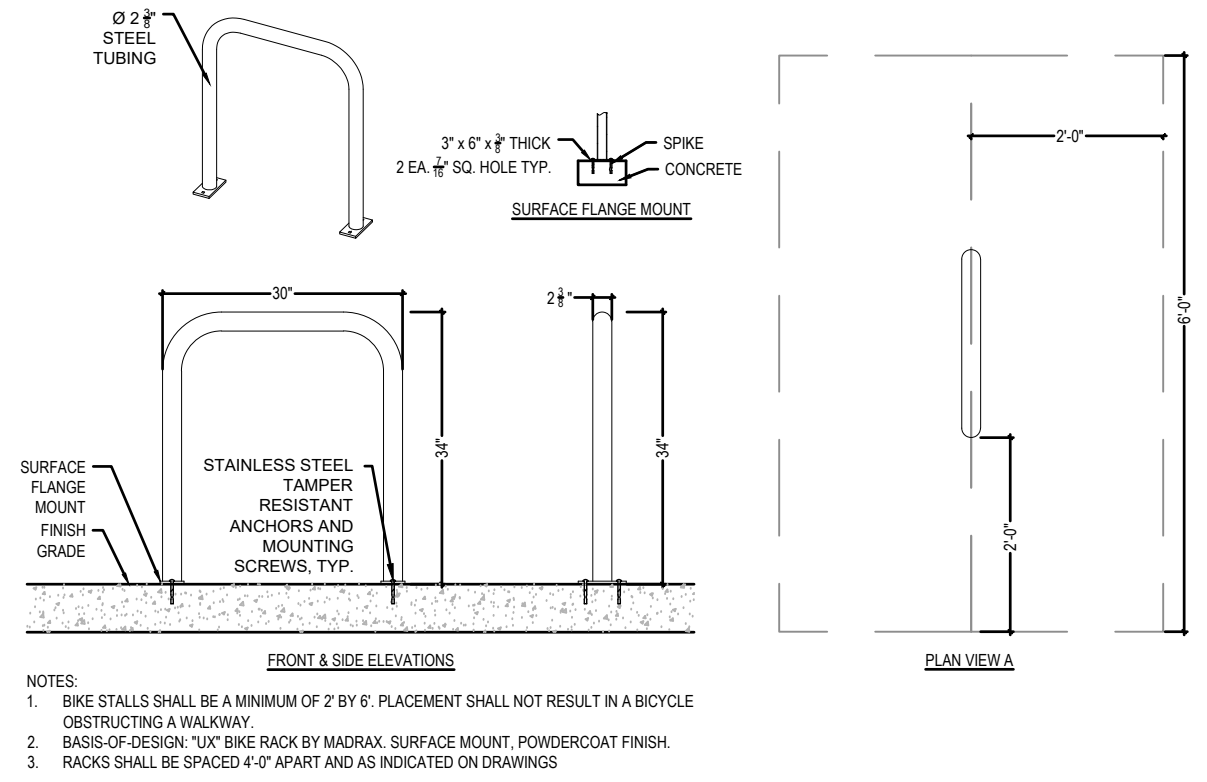
DRAWN BY	CHECKED	REVIEWED
CS, LD	AM	

APPROVED	DEPT. APPROVAL

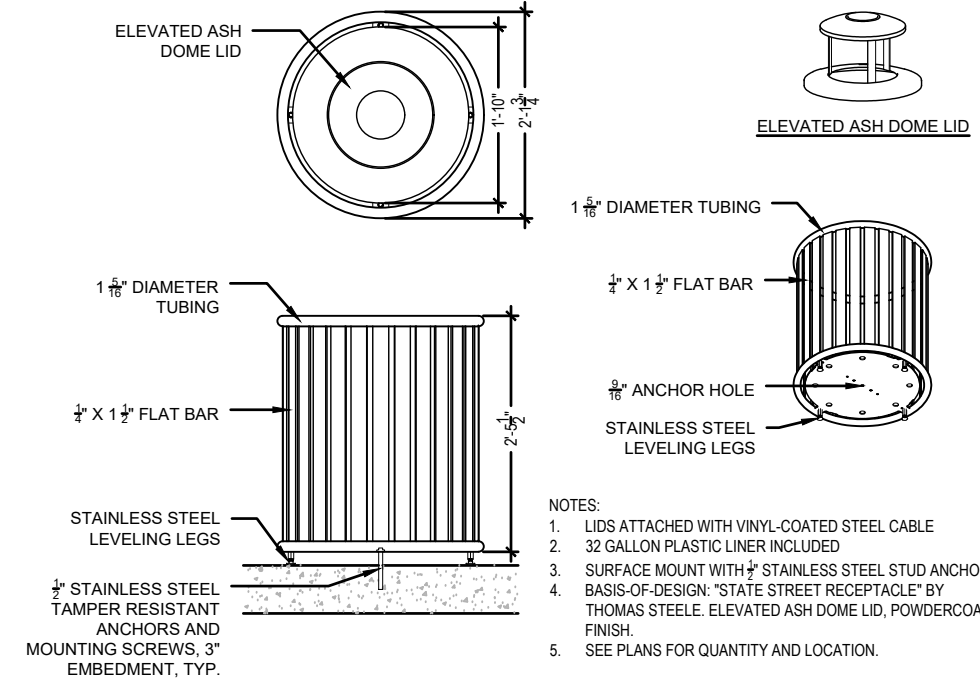
SEAL

DRAWING NO.
L201

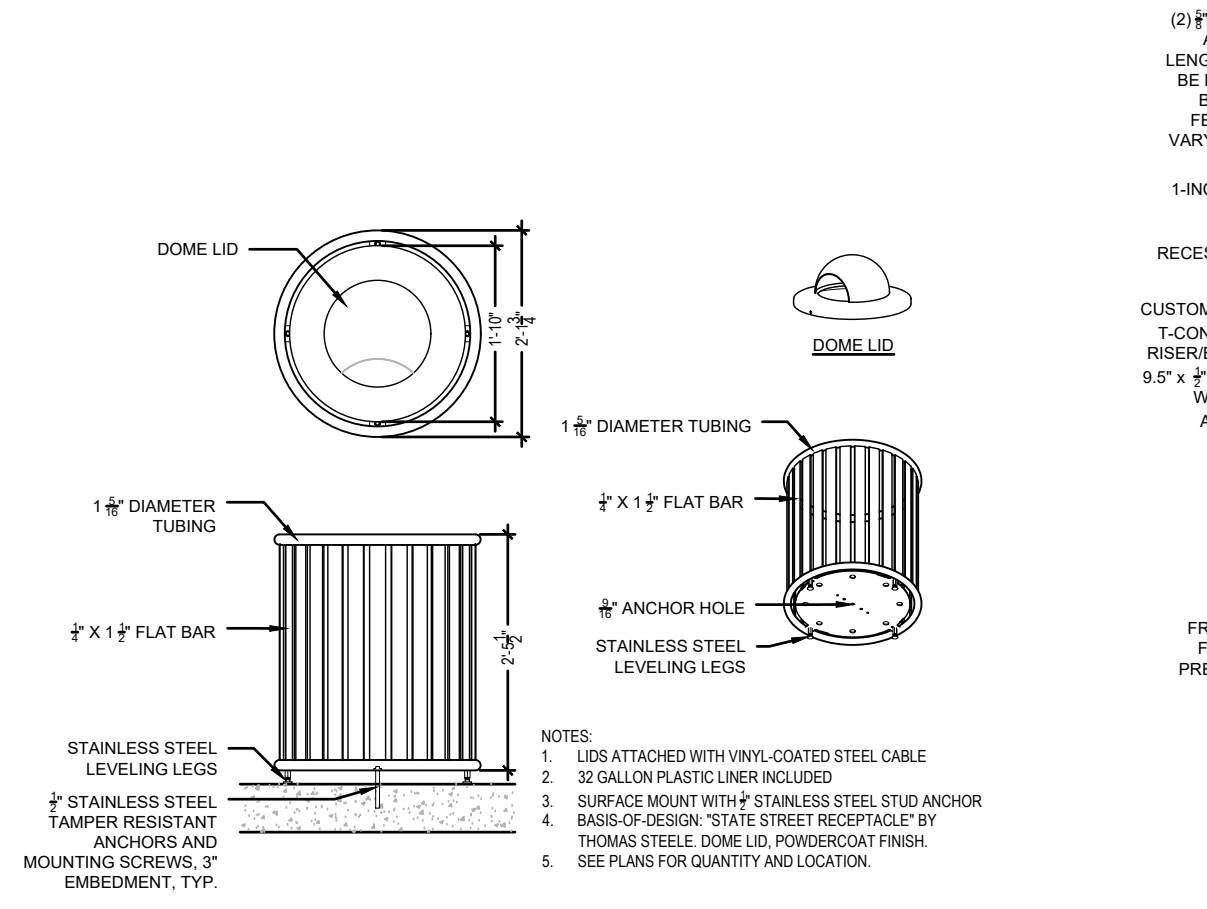
BPW CONTRACT NO.
9313
CONSULTANT'S PROJECT NO.
2022-001



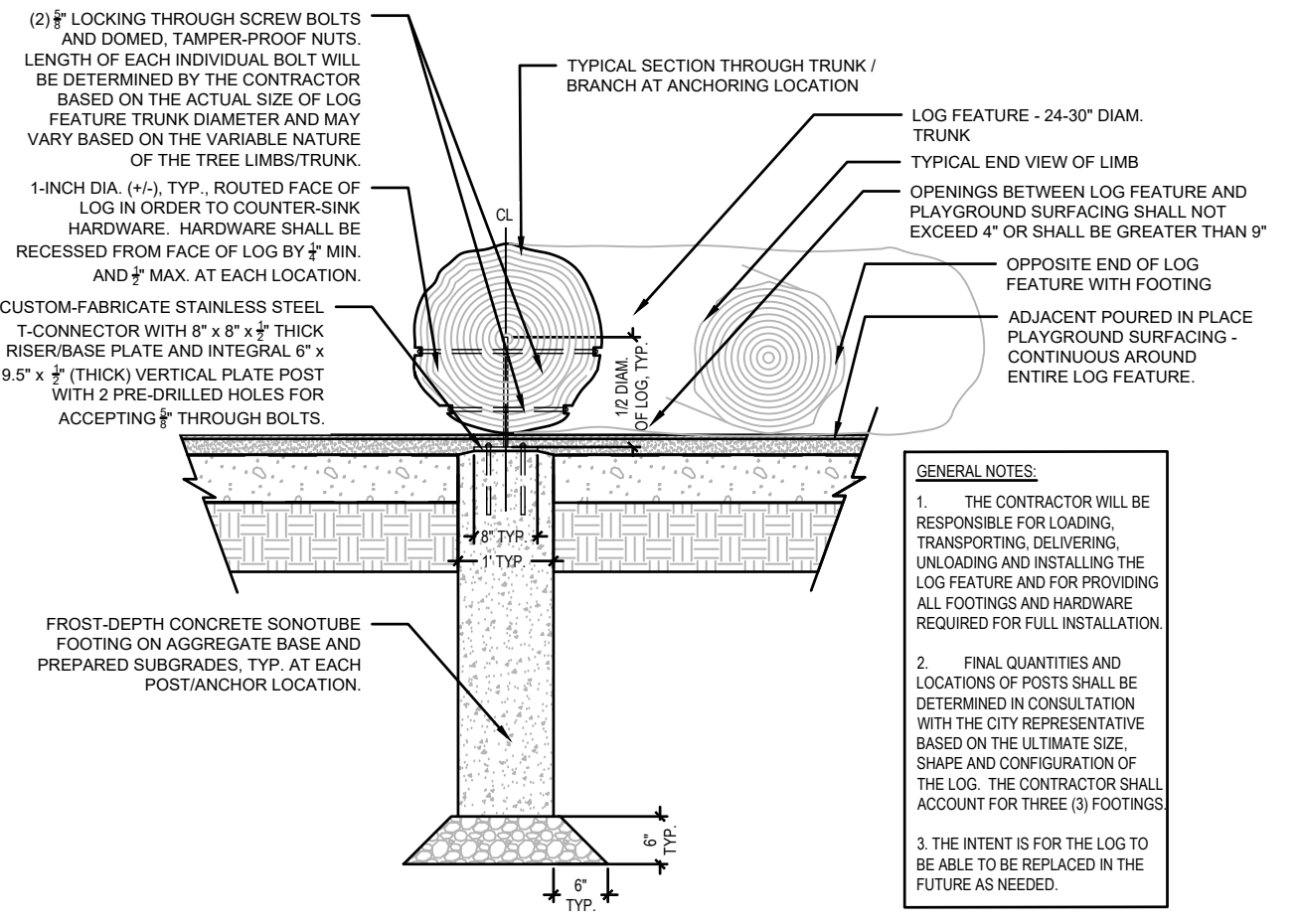
1 BIKE RACK
SCALE: 1/2"=1'-0"



2 REFUSE RECEPTACLE, TYPE 1
SCALE: 1/2"=1'-0"



3 REFUSE RECEPTACLE, TYPE 2
SCALE: 1/2"=1'-0"



4 LOG FEATURE WITH CIP CONCRETE FOOTINGS
SCALE: 1/2"=1'-0"



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 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
SITE DETAILS

SCALE: DATE
 02/09/2023

DRAWN BY CHECKED REVIEWED
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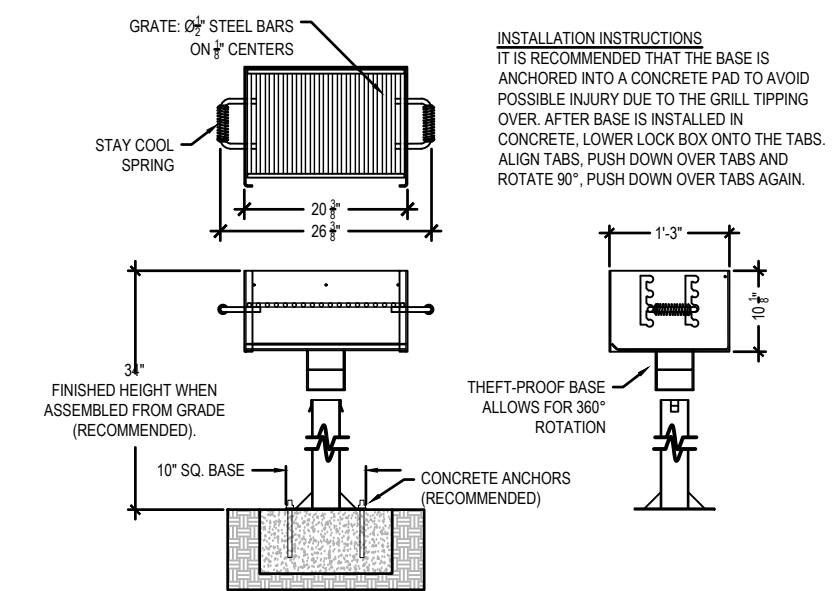
APPROVED DEPT. APPROVAL

SEAL

DRAWING NO.
L202

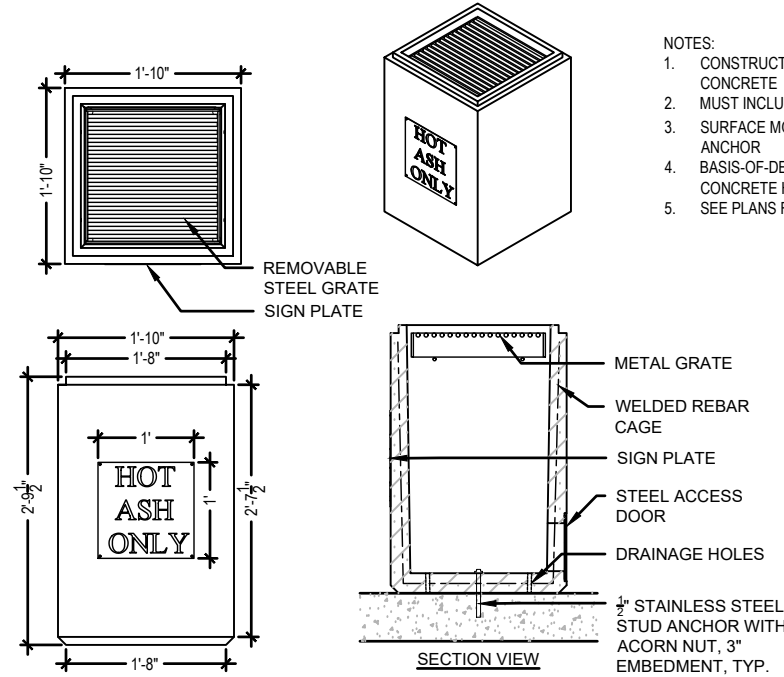
BPW CONTRACT NO.
9313

CONSULTANT'S PROJECT NO.
2022-001



INSTALLATION INSTRUCTIONS
 IT IS RECOMMENDED THAT THE BASE IS ANCHORED INTO A CONCRETE PAD TO AVOID POSSIBLE INJURY DUE TO THE GRILL TIPPING OVER. AFTER BASE IS INSTALLED IN CONCRETE, LOWER LOCK BOX ONTO THE TABS. ALIGN TABS, PUSH DOWN OVER TABS AND ROTATE 90°, PUSH DOWN OVER TABS AGAIN.

- NOTES:**
- FIREBOX IS 20 3/4" LONG x 15" DEEP x 10 1/2" HIGH CONSTRUCTED OF 1/8" THICK STEEL (A1011) WITH AN INTEGRAL ASH RETENTION FLANGE AND DRAIN HOLES.
 - GRATE IS CONSTRUCTED FROM 1/2" Ø A36 STEEL BARS LOCATED ON 1 1/2" CENTERS. THE FOUR POSITION THEFT PROOF GRATE ADJUSTS FROM 3 1/2" TO 9" ABOVE THE FIREBED, AND HAS A COOKING AREA OF 300 SQ. INCHES.
 - GRATE HANDLES ARE CONSTRUCTED FROM 3/8" Ø A36 STEEL BARS EQUIPPED WITH STAY COOL SPRING GRIPS SUITABLE FOR PUBLIC USE.
 - GRILL IS SUPPORTED BY A HEAVY DUTY 3 1/2" Ø PIPE MOUNTED TO A 10" BASE. A THEFT PROOF BASE ALLOWS THE GRILL TO ATTACH TO THE PIPE AND TO ROTATE A FULL 360°.
 - ALL JOINTS ARE CONTINUOUSLY WELDED.
 - ALL EXPOSED CORNERS ARE CHAMFERED FOR SAFETY.
 - STANDARD FINISH IS A NON-TOXIC BLACK POWDER COAT.
 - APPROXIMATE WEIGHT = 76 ILBS.

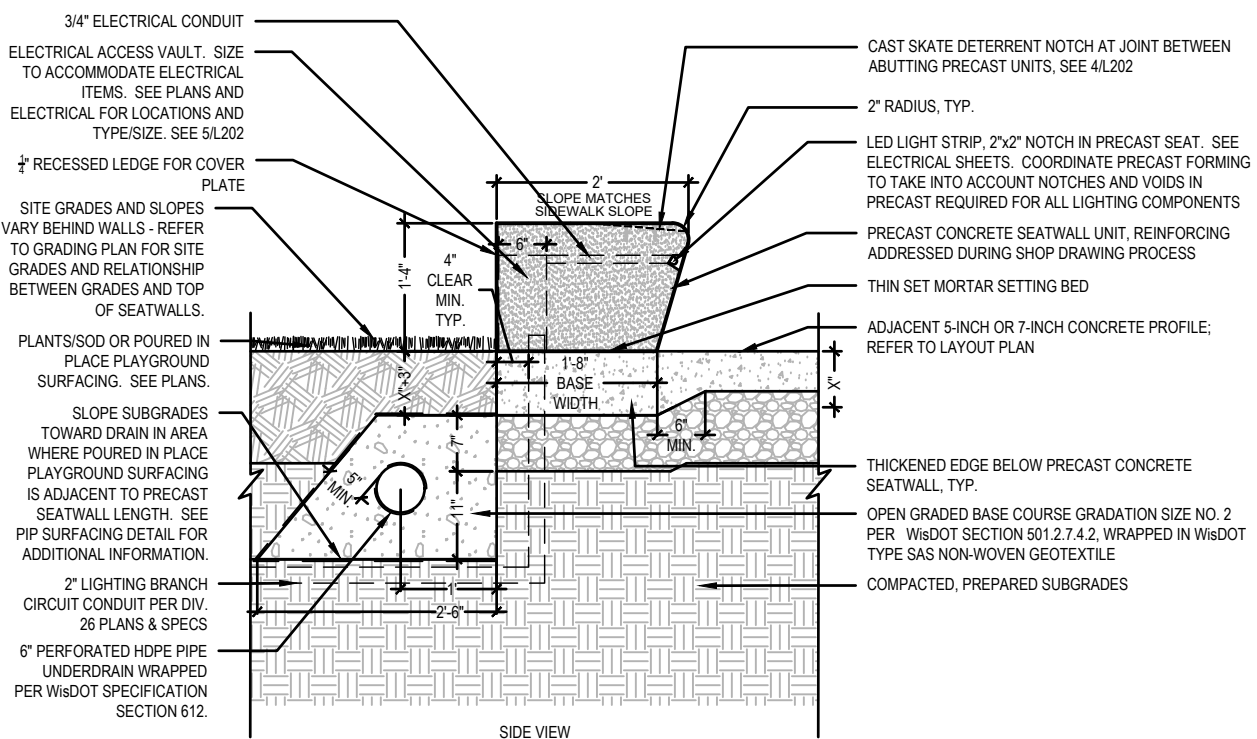


- NOTES:**
- CONSTRUCTION TO BE REBAR-REINFORCED CONCRETE
 - MUST INCLUDE HOLES IN BOTTOM FOR DRAINAGE
 - SURFACE MOUNT WITH 1/2" STAINLESS STEEL STUD ANCHOR
 - BASIS-OF-DESIGN: "PETERSON 30-GALLON CONCRETE HOT COAL RECEPTACLE" BY ANOVA
 - SEE PLANS FOR LOCATION

1 GRILL
 SCALE: 1/2"=1'-0"

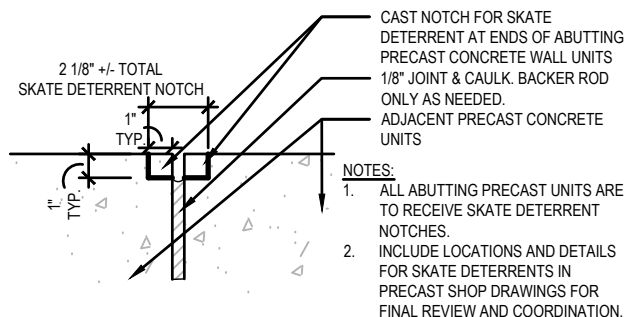
2 HOT COAL BIN
 SCALE: 1/2"=1'-0"

GENERAL NOTES:
 1. CONDUIT, WIRING, CONTROLLERS AND/OR SLEEVES FOR ELECTRICAL SERVICE ITEMS IS SHOWN FOR REFERENCE ONLY.



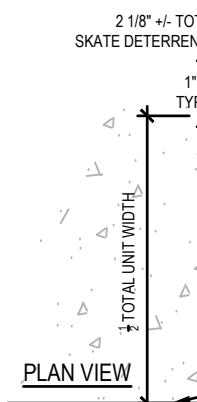
- 3/4" ELECTRICAL CONDUIT
- ELECTRICAL ACCESS VAULT. SIZE TO ACCOMMODATE ELECTRICAL ITEMS. SEE PLANS AND ELECTRICAL FOR LOCATIONS AND TYPE/SIZE. SEE 5/L202
- 1/2" RECESSED LEDGE FOR COVER PLATE
- SITE GRADES AND SLOPES VARY BEHIND WALLS - REFER TO GRADING PLAN FOR SITE GRADES AND RELATIONSHIP BETWEEN GRADES AND TOP OF SEATWALLS.
- PLANTS/SOD OR POURED IN PLACE PLAYGROUND SURFACING. SEE PLANS.
- SLOPE SUBGRADES TOWARD DRAIN IN AREA WHERE POURED IN PLACE PLAYGROUND SURFACING IS ADJACENT TO PRECAST SEATWALL LENGTH. SEE PIP SURFACING DETAIL FOR ADDITIONAL INFORMATION.
- 2" LIGHTING BRANCH CIRCUIT CONDUIT PER DIV. 26 PLANS & SPECS
- 6" PERFORATED HDPE PIPE UNDERDRAIN WRAPPED PER WisDOT SPECIFICATION SECTION 612.
- CAST SKATE DETERRENT NOTCH AT JOINT BETWEEN ABUTTING PRECAST UNITS, SEE 4/L202
- 2" RADIUS, TYP.
- LED LIGHT STRIP, 2"x2" NOTCH IN PRECAST SEAT. SEE ELECTRICAL SHEETS. COORDINATE PRECAST FORMING TO TAKE INTO ACCOUNT NOTCHES AND VOIDS IN PRECAST REQUIRED FOR ALL LIGHTING COMPONENTS
- PRECAST CONCRETE SEATWALL UNIT, REINFORCING ADDRESSED DURING SHOP DRAWING PROCESS
- THIN SET MORTAR SETTING BED
- ADJACENT 5-INCH OR 7-INCH CONCRETE PROFILE; REFER TO LAYOUT PLAN
- THICKENED EDGE BELOW PRECAST CONCRETE SEATWALL, TYP.
- OPEN GRADED BASE COURSE GRADATION SIZE NO. 2 PER WisDOT SECTION 501.2.7.4.2, WRAPPED IN WisDOT TYPE SAS NON-WOVEN GEOTEXTILE
- COMPACTED, PREPARED SUBGRADES

3 PRECAST CONCRETE SEATWALL
 SCALE: 1/2"=1'-0"

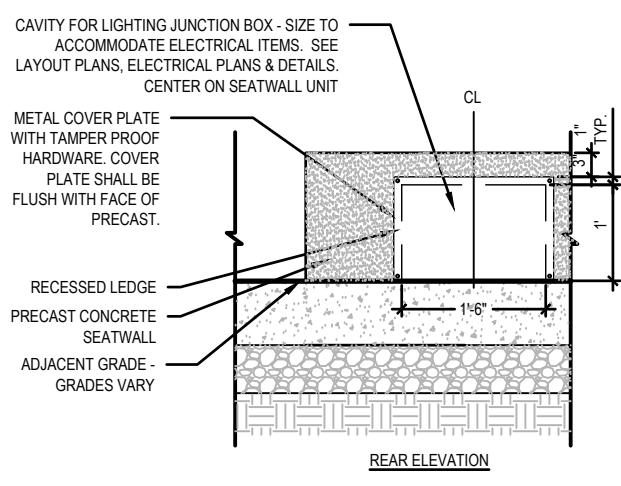


- CAST NOTCH FOR SKATE DETERRENT AT ENDS OF ABUTTING PRECAST CONCRETE WALL UNITS
 - 1/8" JOINT & CAULK. BACKER ROD ONLY AS NEEDED.
 - ADJACENT PRECAST CONCRETE UNITS
- NOTES:**
- ALL ABUTTING PRECAST UNITS ARE TO RECEIVE SKATE DETERRENT NOTCHES.
 - INCLUDE LOCATIONS AND DETAILS FOR SKATE DETERRENTS IN PRECAST SHOP DRAWINGS FOR FINAL REVIEW AND COORDINATION.

ELEVATION VIEW



4 SKATE DETERRENT NOTCH
 SCALE: 1-1/2"=1'-0"

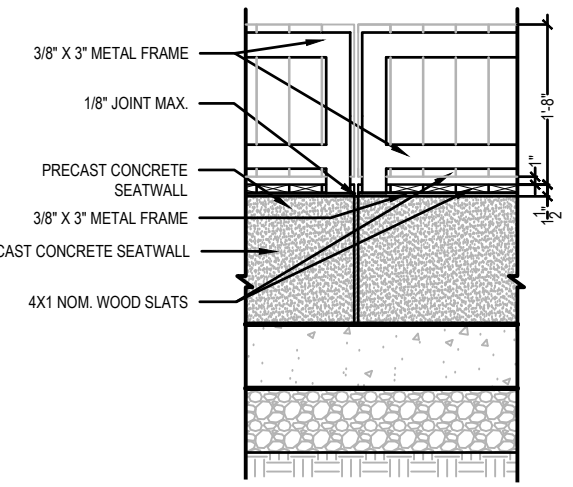
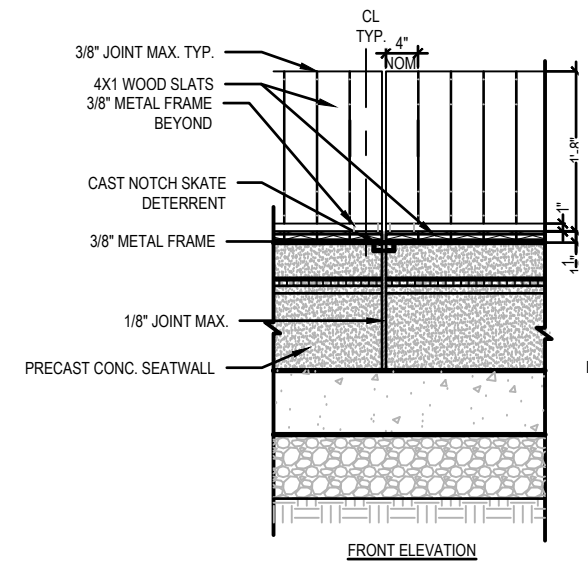
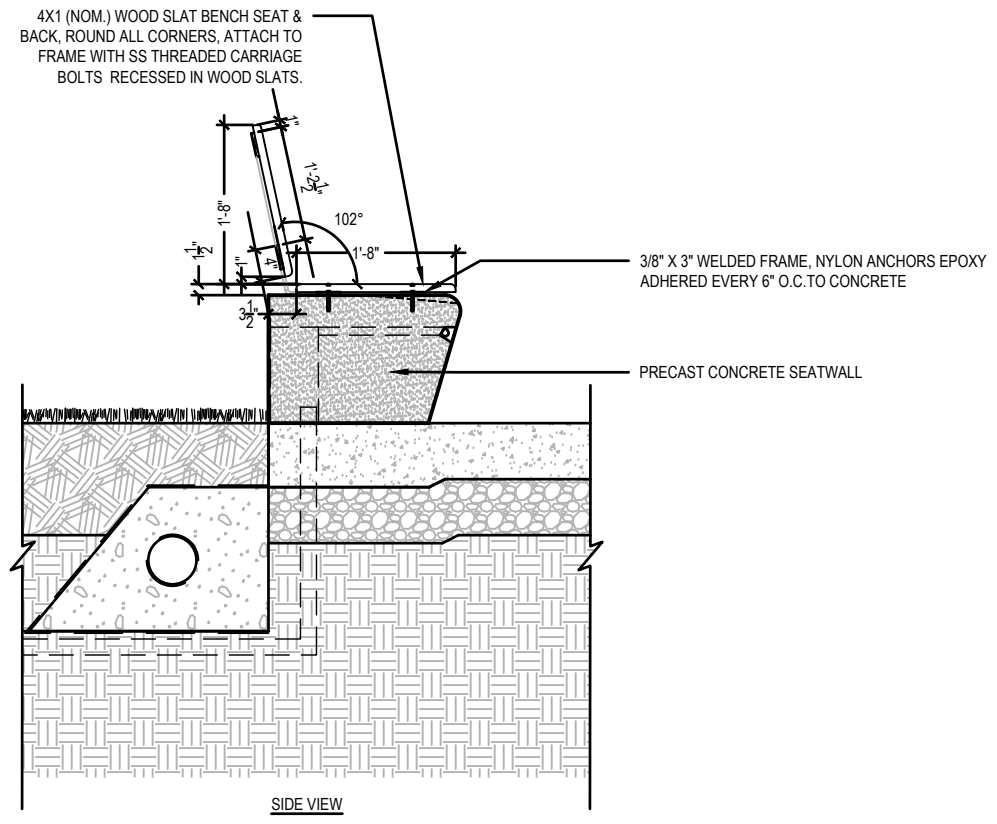


- CAVITY FOR LIGHTING JUNCTION BOX - SIZE TO ACCOMMODATE ELECTRICAL ITEMS. SEE LAYOUT PLANS, ELECTRICAL PLANS & DETAILS. CENTER ON SEATWALL UNIT
- METAL COVER PLATE WITH TAMPER PROOF HARDWARE. COVER PLATE SHALL BE FLUSH WITH FACE OF PRECAST.
- RECESSED LEDGE
- PRECAST CONCRETE SEATWALL
- ADJACENT GRADE - GRADES VARY

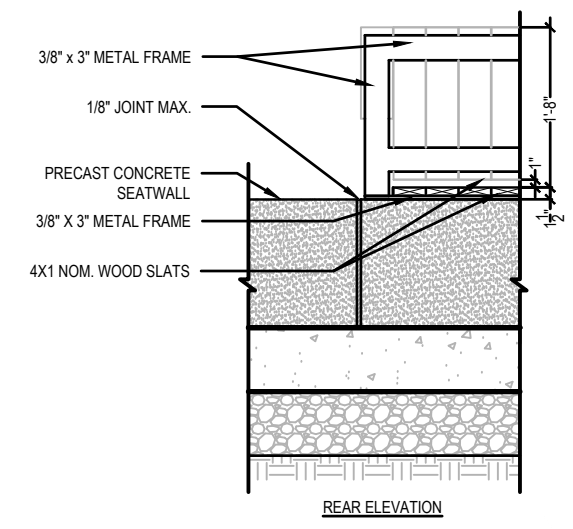
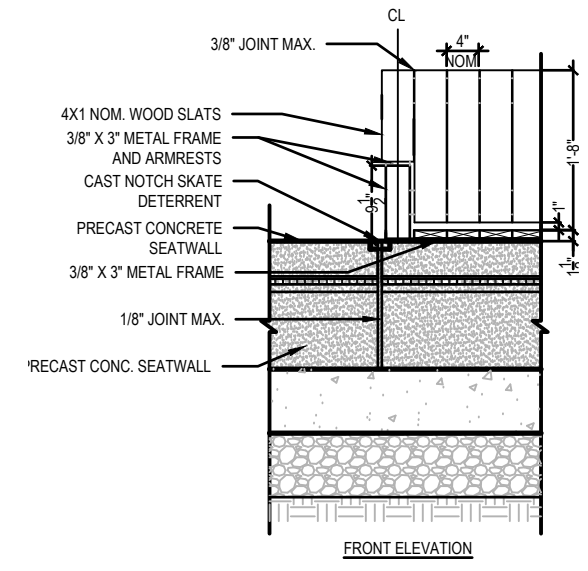
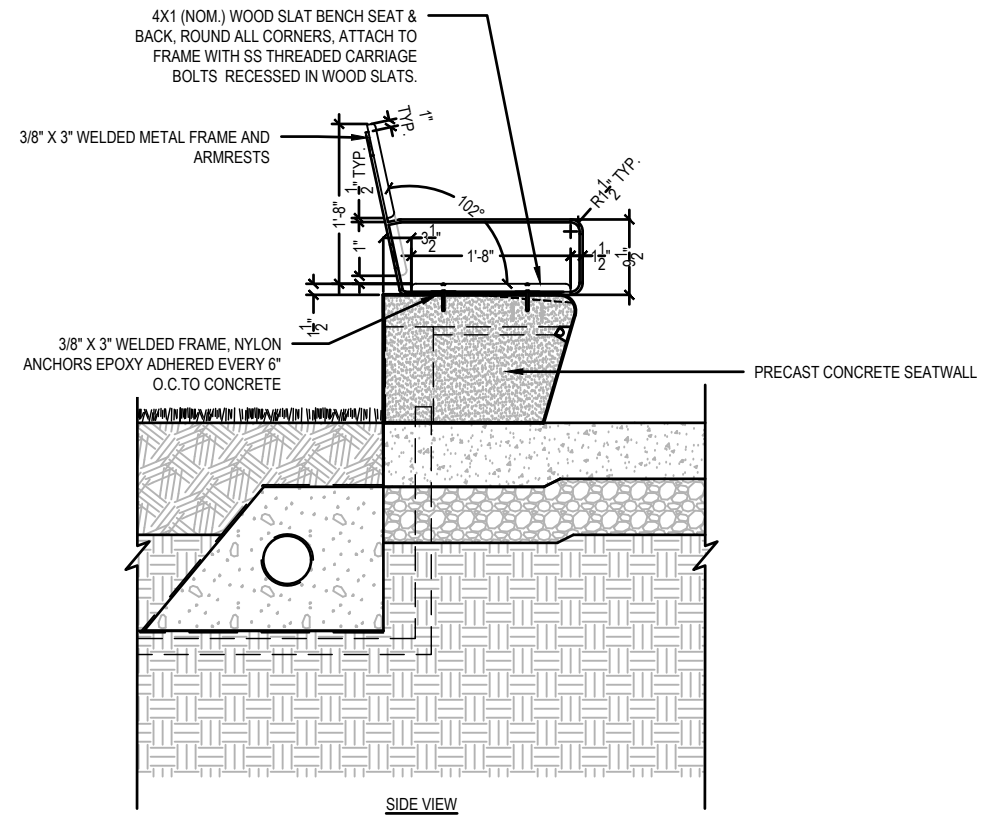
5 ELECTRICAL ACCESS VAULT
 SCALE: 1/2"=1'-0"



GENERAL NOTES:
 1. CONDUIT, WIRING, CONTROLLERS AND/OR SLEEVES FOR ELECTRICAL SERVICE ITEMS IS SHOWN FOR REFERENCE ONLY.



1 WOOD BENCH TOP - ARMLESS
 SCALE: 1/2"=1'-0"



2 WOOD BENCH TOP - WITH ARMRESTS
 SCALE: 1/2"=1'-0"

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DRAWING
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SCALE DATE
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SEAL

DRAWING NO.
 L203

BPW CONTRACT NO.
 9313

CONSULTANT'S PROJECT NO.
 2022-001

Product Number	Product Name	Length inch	Width inch	Height inch	Weight lbs/p
ZB.CE.01	Small Concrete Bench	48	24	16	1,500
ZB.CE.02	Curved Edge Concrete Bench	48	24	16	1,377
ZB.CE.03	Curved Edge Concrete Bench	48	24	16	1,377
ZB.CE.04	Curved Rectangle Concrete Bench	48	24	16	1,416
ZB.CE.05	Curved Rectangle Concrete Bench	48	24	16	1,295
ZB.CE.06	Rectangle Concrete Bench	48	24	16	1,425

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 MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
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 MADISON, WI 53703

DRAWING
PRECAST SEATWALL LAYOUTS

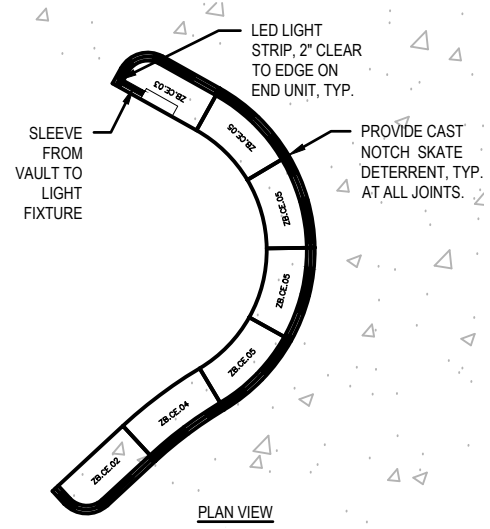
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DRAWN BY: **CS, LD** CHECKED: **AM** REVIEWED: _____

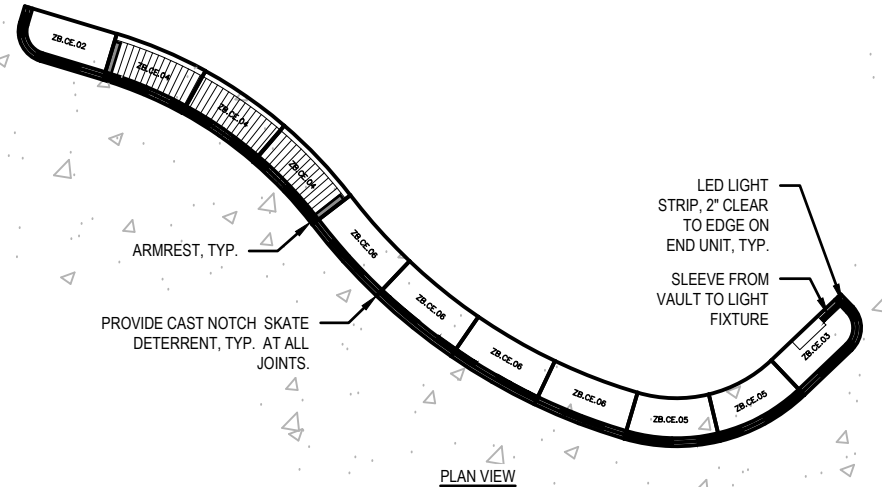
APPROVED: _____ DEPT. APPROVAL: _____

SEAL: _____

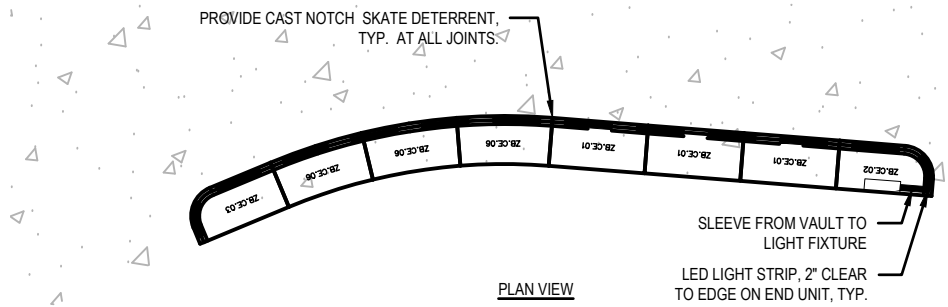
DRAWING NO.: **L204**
 BPW CONTRACT NO.: **9313**
 CONSULTANT'S PROJECT NO.: **2022-001**



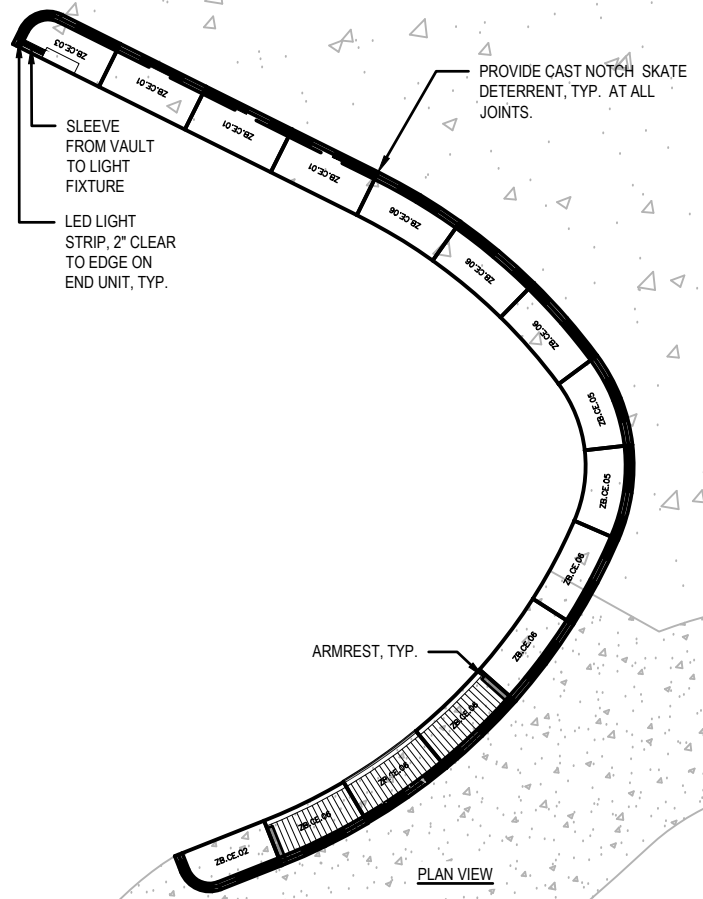
1 PRECAST SEATWALL A
 SCALE: 1/8"=1'-0"



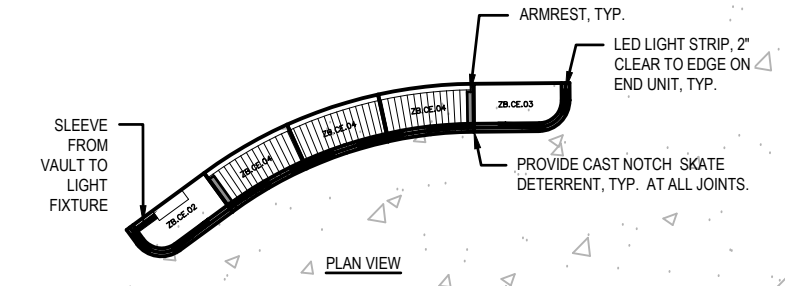
2 PRECAST SEATWALL B
 SCALE: 1/8"=1'-0"



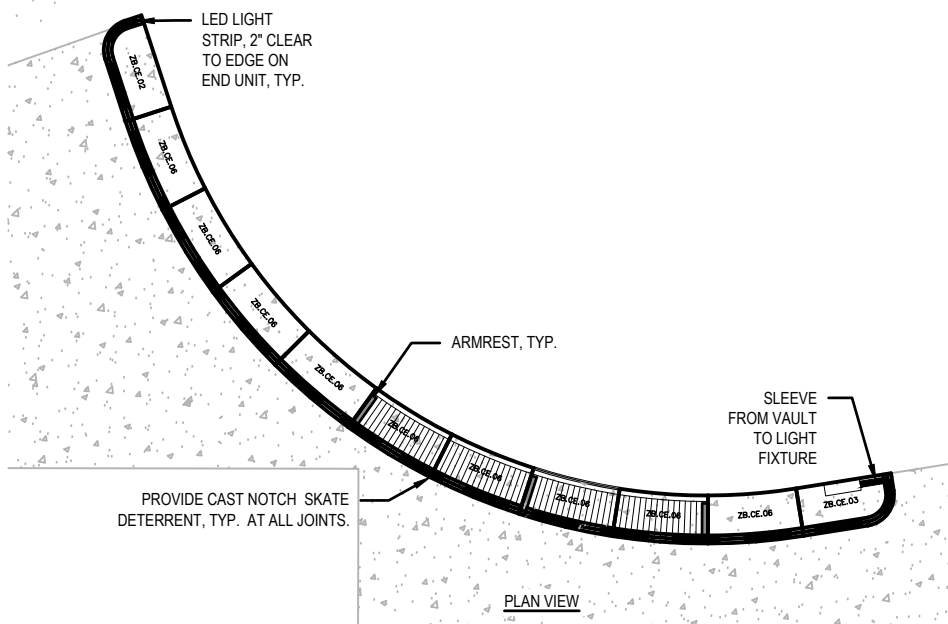
3 PRECAST SEATWALL C
 SCALE: 1/8"=1'-0"



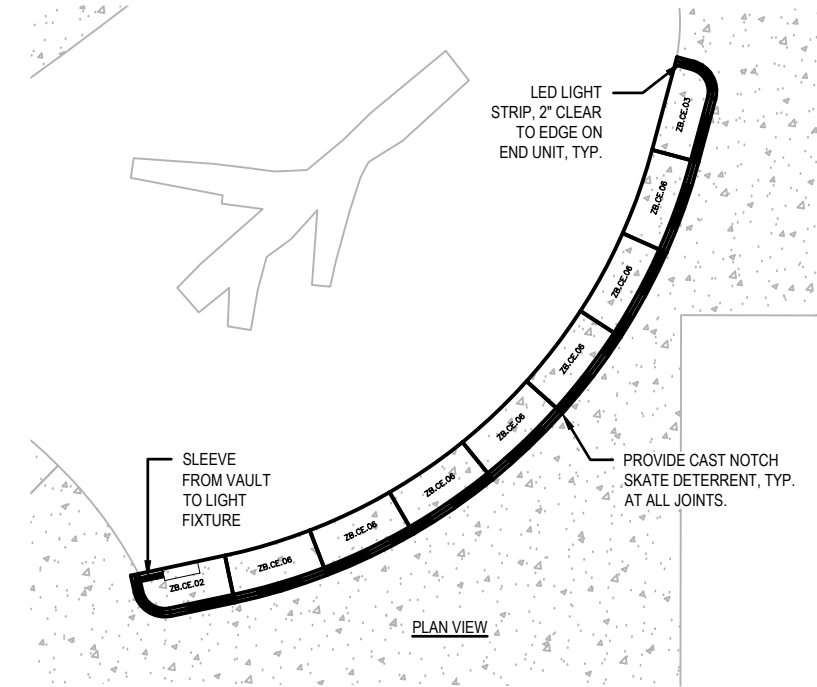
5 PRECAST SEATWALL E
 SCALE: 1/8"=1'-0"



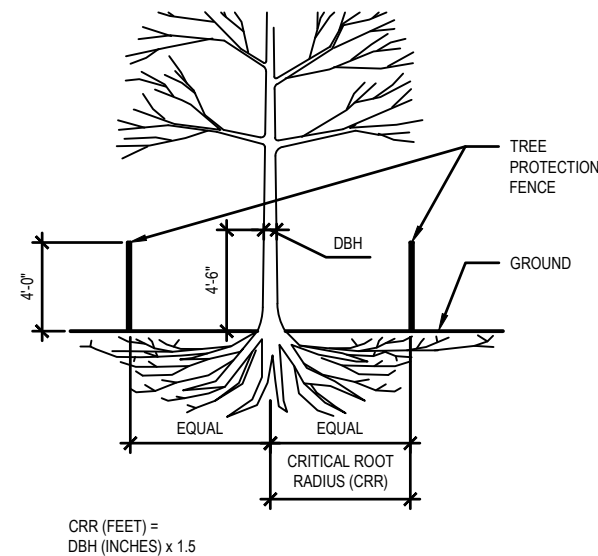
4 PRECAST SEATWALL D
 SCALE: 1/8"=1'-0"



6 PRECAST SEATWALL F
 SCALE: 1/8"=1'-0"



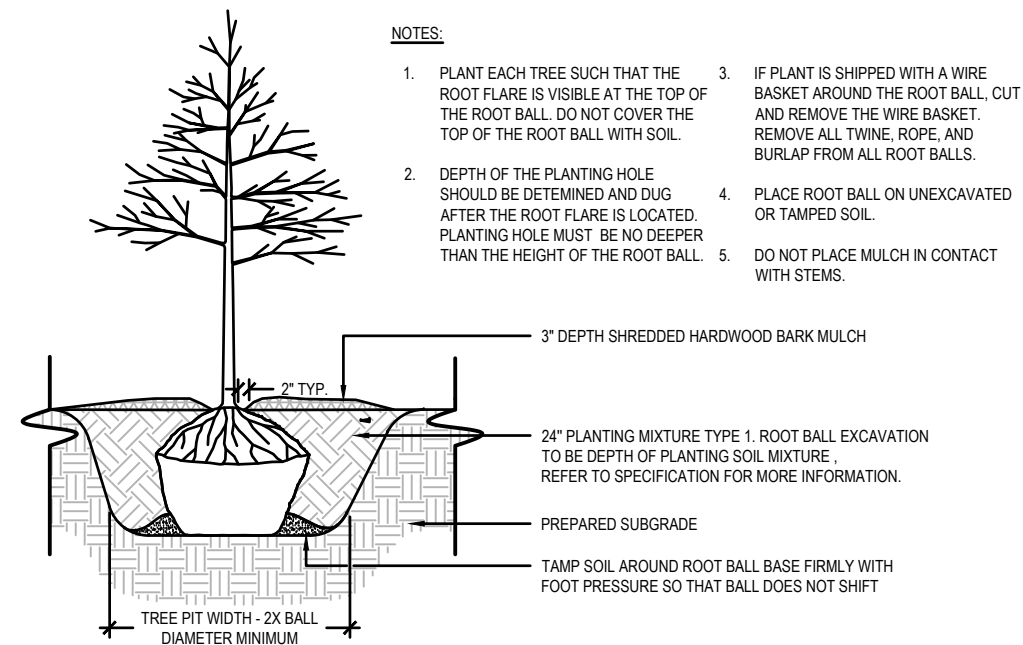
7 PRECAST SEATWALL G
 SCALE: 1/8"=1'-0"



- NOTE:
1. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION ON THE PLANS SHALL BE PROTECTED DURING CONSTRUCTION WITH FENCING.
 2. PROTECT TREE CANOPIES FROM OVERHEAD DAMAGE.
 3. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE DEMOLITION OR PREPARATION WORK (CLEARING, GRUBBING, OR GRADING) AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROJECT.
 4. DO NOT INSTALL FENCING ANY CLOSER THAN 5' FROM THE TRUNK OF THE TREE.
 5. NO STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, OR SUPPLIES PERMITTED WITHIN TREE PROTECTION ZONES.
 6. NO DISPOSAL OF CONSTRUCTION MATERIALS, BYPRODUCTS, OR SOLUTIONS PERMITTED WITHIN TREE PROTECTION ZONES.
 7. TRUNK DIAMETER AT BREAST HEIGHT (DBH) MEASURED AT 4'-6" ABOVE THE GROUND.
 8. TREE PROTECTION FENCE STAKES 4' O.C. MAX.

1 TREE PROTECTION FENCE

SCALE: NTS

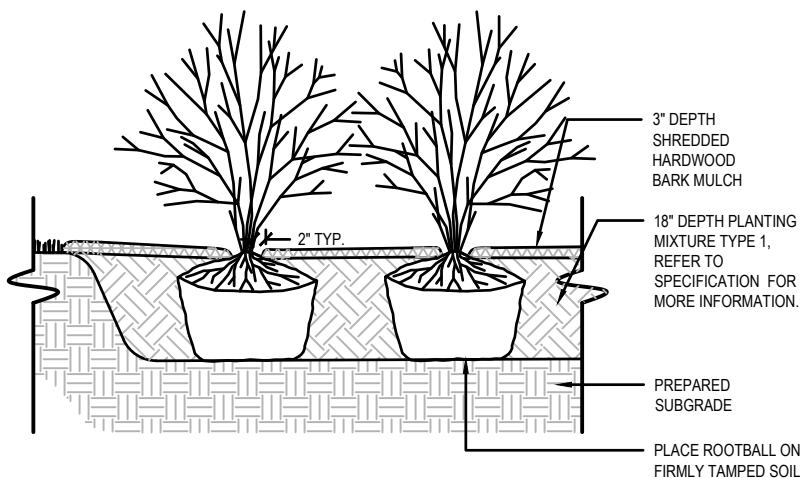


- NOTES:
1. PLANT EACH TREE SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
 2. DEPTH OF THE PLANTING HOLE SHOULD BE DETERMINED AND DUG AFTER THE ROOT FLARE IS LOCATED. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
 3. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT AND REMOVE THE WIRE BASKET. REMOVE ALL TWINE, ROPE, AND BURLAP FROM ALL ROOT BALLS.
 4. PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL.
 5. DO NOT PLACE MULCH IN CONTACT WITH STEMS.
 6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
 7. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN 1/3 OF THE ORIGINAL PLANT MASS.

2 BALL AND BURLAP TREE PLANTING

SCALE: NTS

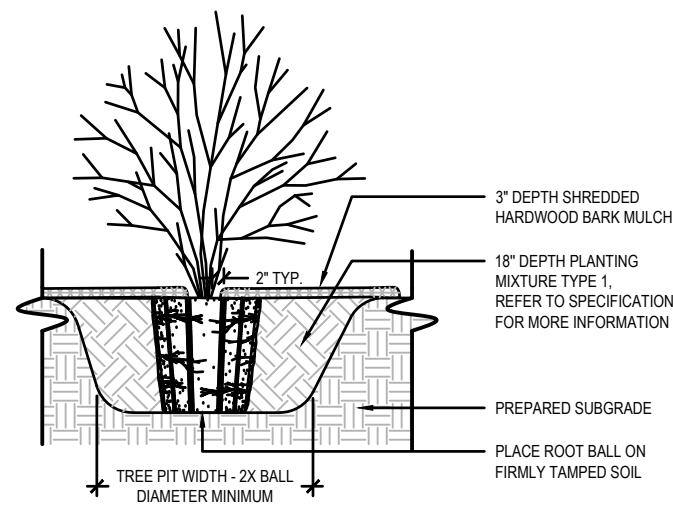
- NOTES:
1. PLANT EACH SHRUB SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
 2. DEPTH OF THE PLANTING HOLE SHOULD BE DETERMINED AND DUG AFTER THE ROOT FLARE IS LOCATED. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
 3. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT AND REMOVE THE WIRE BASKET. REMOVE ALL TWINE, ROPE, AND BURLAP FROM ALL ROOT BALLS.
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 6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
 7. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN 1/3 OF THE ORIGINAL PLANT MASS.



3 TYPICAL SHRUB PLANTING

SCALE: NTS

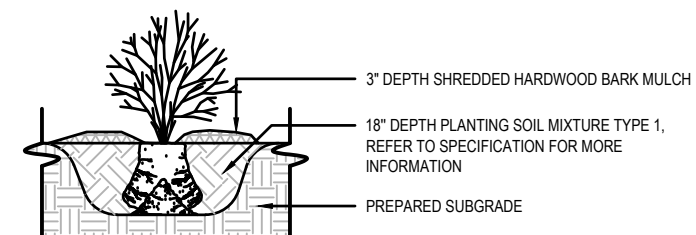
- NOTES:
1. FOR 3 TO 10 GALLON CONTAINERS: MAKE 1" TO 2" DEEP VERTICAL CUTS EVERY 6" AROUND THE CIRCUMFERENCE OF THE ROOT BALL BEFORE PLANTING.
 2. PLANT EACH SHRUB OR PERENNIAL SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
 3. PLANTING HOLE MUST NOT BE DEEPER THAN THE HEIGHT OF THE ROOT BALL.
 4. DO NOT PLACE MULCH IN CONTACT WITH STEMS.
 5. PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL.
 6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
 7. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN 1/3 OF THE ORIGINAL PLANT MASS.



4 LARGE CONTAINER PLANTING

SCALE: NTS

- NOTES:
1. FOR 1 TO 2 GALLON CONTAINERS: BUTTERFLY ROOT BALL. SEVER LOWER 1/3 TO 1/2 OF ROOT BALL WITH SINGLE CUT. SPREAD OPEN SEVERED ROOT BALL AND PLACE AGAINST BOTTOM OF MOUNDED PLANTING HOLE.
 2. PLANT EACH SHRUB OR PERENNIAL SUCH THAT THE STEM FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
 3. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
 4. DO NOT PLACE MULCH IN CONTACT WITH STEMS.
 7. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
 8. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN 1/3 OF THE ORIGINAL PLANT MASS.



5 SMALL CONTAINER PLANTING

SCALE: NTS

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CITY OF MADISON PARKS DIVISION
 330 E. LAKESIDE STREET
 MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
 330 WEST MIFFLIN STREET
 MADISON, WI 53703

DRAWING
LANDSCAPE DETAILS

SCALE
 DATE
02/09/2023

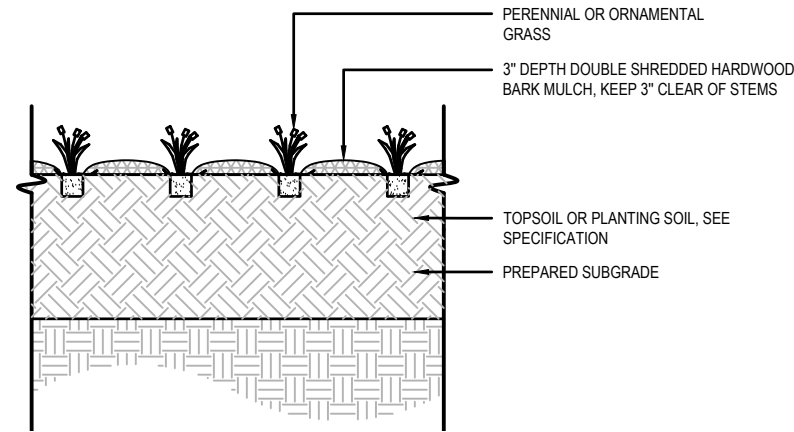
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 CHECKED
 AM
 REVIEWED

APPROVED
 DEPT. APPROVAL

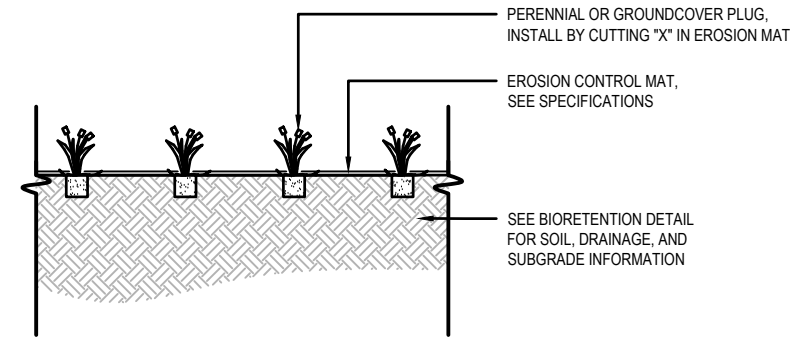
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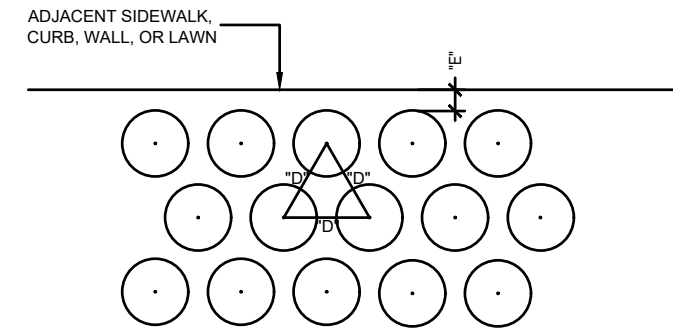
BPW CONTRACT NO.
9313
 CONSULTANT'S PROJECT NO.
2022-001
L300



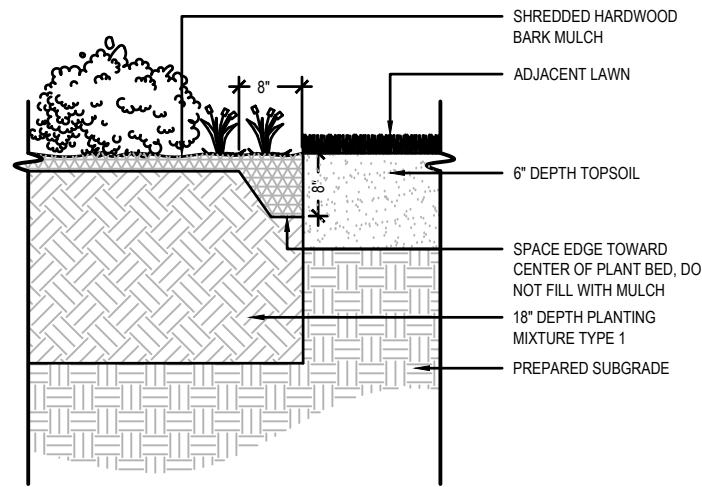
1 TYPICAL PERENNIAL PLANTING
SCALE: NTS



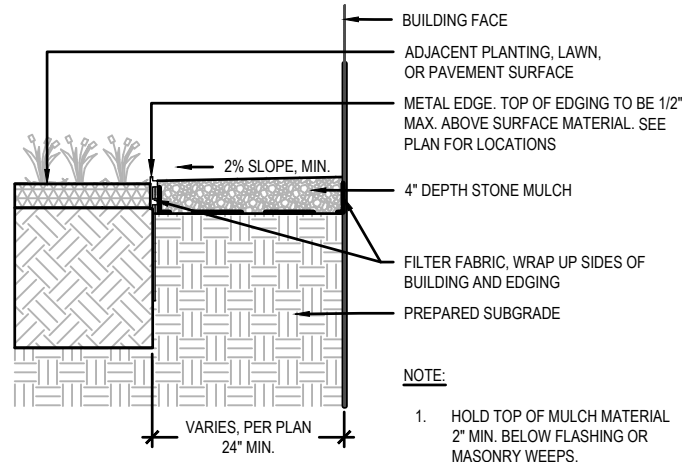
2 TYPICAL BIOFILTER PLANTING
SCALE: NTS



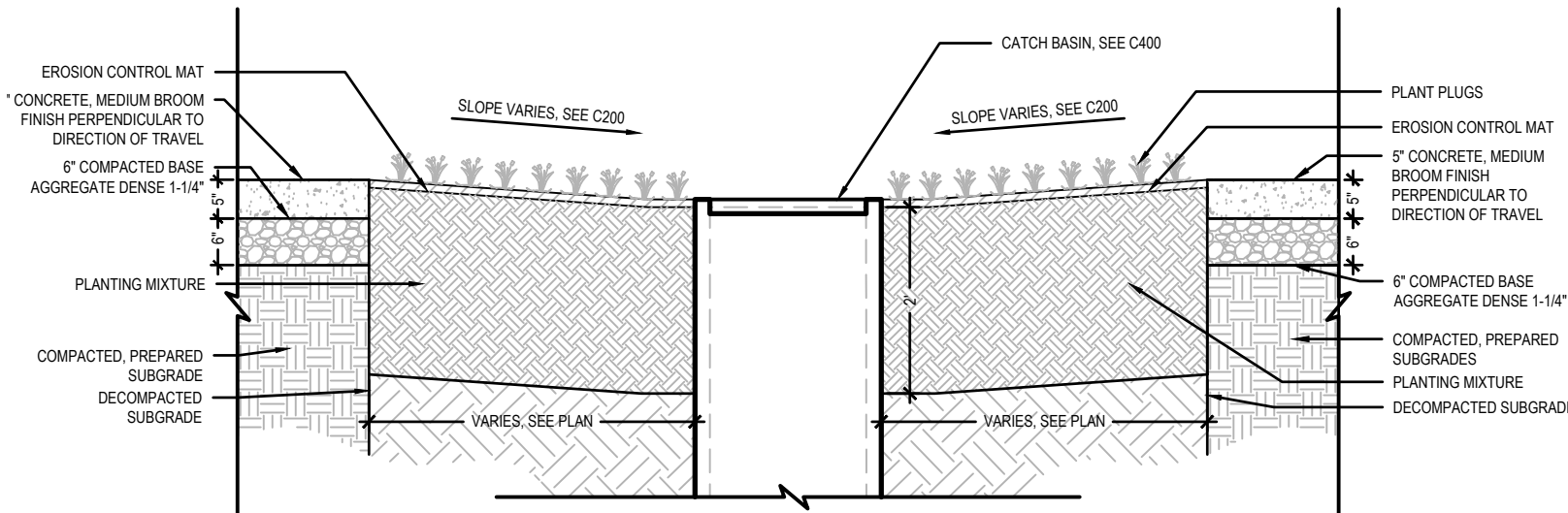
3 PLANT SPACING
SCALE: NTS



4 SHOVEL-CUT EDGE
SCALE: 1/2"=1'-0"



5 MAINTENANCE EDGE
SCALE: 1/2"=1'-0"



6 BIOINFILTRATION SECTION
SCALE: NTS



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LANDSCAPE DETAILS

SCALE: DATE
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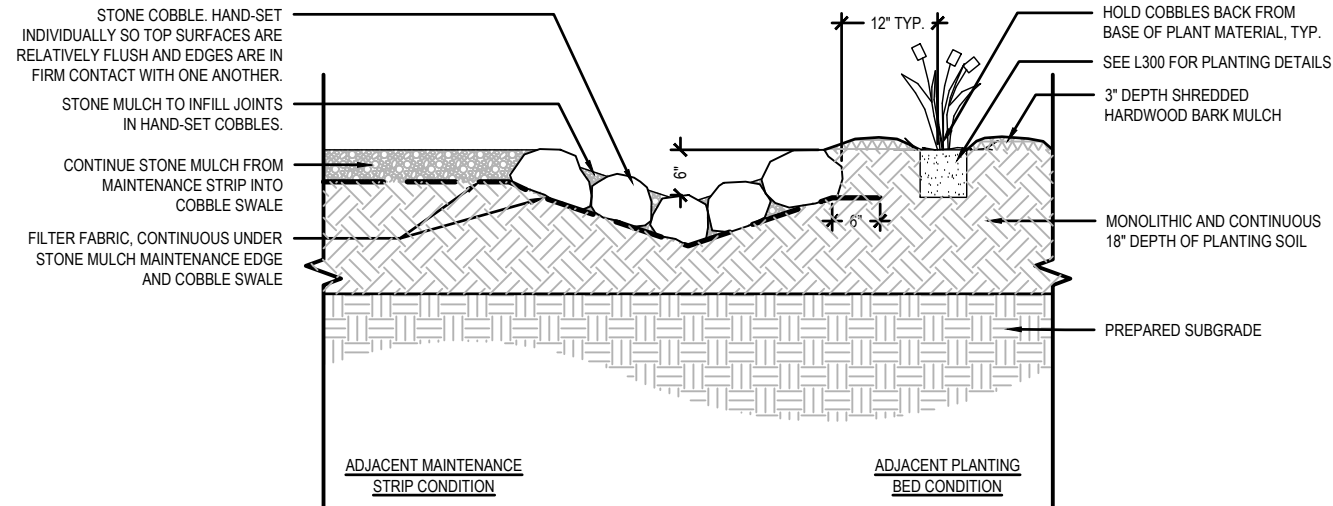
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DRAWING NO.
L301

BPW CONTRACT NO.
9313

CONSULTANT'S PROJECT NO.
2022-001



1 STONE COBBLE SWALE

SCALE: NTS



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MADISON, WI 53715

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COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

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LANDSCAPE DETAILS

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DATE
02/09/2023




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SEAL

BPW CONTRACT NO. 9313	DRAWING NO. L302
CONSULTANT'S PROJECT NO. 2022-001	

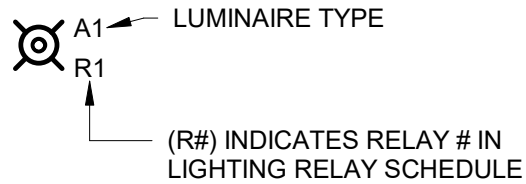
SITE SYMBOLS

-  POST TOP LIGHT POLE
-  PANELBOARD
-  DUPLEX RECEPTACLE


RECEPTACLE NOTATIONS:

- GFCI DENOTES GROUND FAULT INTERRUPTER OUTLETS
- WP DENOTES WEATHER PROOF OUTLETS

LUMINAIRE CIRCUITRY & CONTROL KEY:



GENERAL SYMBOLS

- #/E-### DETAIL NUMBER / SHEET NUMBER
-  KEYED NOTE, USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH.

ELECTRICAL ABBREVIATIONS

- 3R NEMA 3R RATING
- A AMPERES
- A/E ARCHITECT / ENGINEER
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- C CONDUIT
- CB CIRCUIT BREAKER
- CKT CIRCUIT
- DWG DRAWING
- EC ELECTRICAL CONTRACTOR
- GC GENERAL CONTRACTOR
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
- GND GROUND
- PH PHASE
- RECPT RECEPTACLE
- TYP TYPICAL
- UG UNDERGROUND
- UNO UNLESS NOTED OTHERWISE
- V VOLTS
- W WATTS
- WL WET LOCATION LISTED
- WP WEATHERPROOF

GENERAL NOTES:

- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE DETAILS OF WORK, VERIFY DIMENSIONS IN THE FIELD, AND ADVISE THE [ARCHITECT/ENGINEER] [CONTRACTING OFFICER] OF ANY DISCREPANCY BEFORE PERFORMING ANY WORK.
- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES) AND ABA (ARCHITECTURAL BARRIERS ACT).
- CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL SCHEDULES PROVIDED. BALANCE THE LOAD ON PANELS AS EVENLY AS POSSIBLE BETWEEN EACH PHASE. COMMON NEUTRALS MAY [NOT] BE USED FOR BRANCH CIRCUITS.
- A #12 GREEN INSULATED GROUND CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS TO ALL RECEPTACLES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
- SCCR RATINGS LISTED FOR EQUIPMENT ARE MINIMUM REQUIREMENTS FOR BUS BRACING AND DEVICE RATING. ALL EQUIPMENT SHALL BE FULLY RATED UNLESS SPECIFICALLY NOTED AS SERIES RATED.

DEMOLITION GENERAL NOTES:

- THE INFORMATION SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS TO ASSIST CONTRACTOR IN BIDDING. THE ELECTRICAL DRAWINGS INDICATE EXISTING ELECTRICAL ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS. REFER TO SPECIFICATION SECTION 26 05 02 FOR ADDITIONAL REQUIREMENTS.
- ALL BOXES THAT REMAIN IN PLACE IN EXISTING MASONRY WALLS THAT ARE TO REMAIN SHALL BE PROVIDED WITH A BLANK COVERPLATE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS ASSOCIATED WITH TYPE AND ATTACHMENT.
- THIS CONTRACTOR SHALL COORDINATE ALL WORK, INCLUDING PHASING WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING ELECTRICAL AND INSTALLING NEW ITEMS.
- PROVIDE REVISED TYPED CIRCUIT DIRECTORY IN PANELBOARDS THAT HAVE CIRCUITS REMOVED OR ADDED CIRCUITS.
- REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT RACEWAY FLUSH WITH WALLS AND FLOORS, PATCH SURFACES TO MATCH EXISTING. REMOVE ALL ASSOCIATED CLAMPS, HANGERS, SUPPORTS, ETC. ASSOCIATED WITH RACEWAY REMOVAL.
- DISCONNECT AND REMOVE ABANDONED LUMINAIRES, INCLUDING BRACKETS, STEMS, HANGERS, AND OTHER ACCESSORIES.
- DISCONNECT AND REMOVED ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.



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phone: 608-273-6380
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CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
ELECTRICAL NOTES, SYMBOLS & ABBREVIATIONS

SCALE	DATE 02/09/2023
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DRAWN BY KR	CHECKED MM	REVIEWED MS
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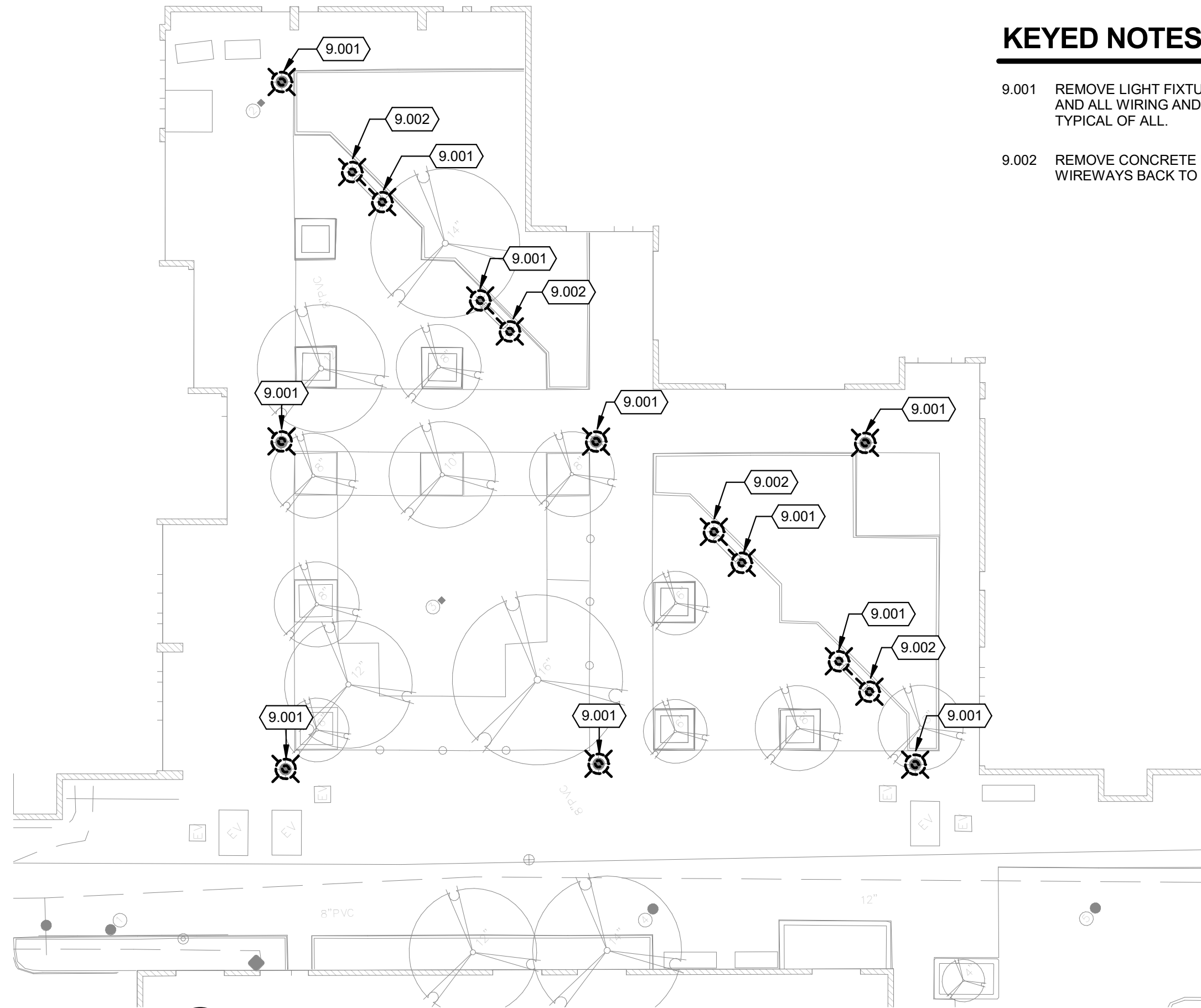
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BPW CONTRACT NO. 9313	E001
CONSULTANT'S PROJECT NO. 2022-001	

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KEYED NOTES

- 9.001 REMOVE LIGHT FIXTURE, POLE, CONCRETE BASE, AND ALL WIRING AND WIREWAYS BACK TO SOURCE. TYPICAL OF ALL.
- 9.002 REMOVE CONCRETE BASE AND ALL WIRING AND WIREWAYS BACK TO SOURCE.



1 SITE ELECTRICAL DEMOLITION PLAN

1" = 20'-0"

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330 E. LAKESIDE STREET
MADISON, WI 53715

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330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
ELECTRICAL SITE DEMOLITION PLAN

SCALE 1" = 20'-0"	DATE 02/09/2023
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DRAWN BY KMR	CHECKED MM	REVIEWED KMR
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BPW CONTRACT NO. 9313	DRAWING NO. E100
CONSULTANT'S PROJECT NO. 2022-001	



KEYED NOTES

9.201 LED FLEXIBLE NEON SHALL BE INSTALLED IN CHANNEL UNDER BENCH. SECURE WITH MANUFACTURER MOUNTING CLIP EVERY 18" OR AS RECOMMENDED BY MANUFACTURER. COORDINATE CHANNEL MOUNTING WITH ARCHITECTURAL DETAILS ON UNDERSIDE OF BENCH. IP65 RATED POWER SUPPLIES SHALL BE LOCATED WITHIN VAULT SPACES BUILT WITHIN PRECAST BENCHES. PROVIDE POWER SUPPLIES AS REQUIRED AND GROUP WITHIN BENCH VAULT ALLOWING SPACE BETWEEN POWER SUPPLIES TO ALLOW AIR MOVEMENT AROUND DEVICES. FIXTURES WILL CONTAIN MULTIPLE RUNS OF FLEXIBLE NEON TO ACHIEVE NOTED RUN LENGTHS. FIXTURES SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO ONE ANOTHER TO CREATE AN UNBROKEN LINE OF LIGHT. CONSULT MANUFACTURER OF APPROVED PRODUCT TO COORDINATE MAXIMUM RUN LENGTHS OF A SINGLE FIXTURE. ADDITIONAL RUNS SHALL ACCOUNT FOR VOLTAGE DROP WHEN PROVIDING WIRING TO FEED ADDITIONAL SECTIONS. FEED WIRES SHALL BE SECURED IN CHANNEL. SEE DETAIL 2/E502 FOR ADDITIONAL DETAILS.

9.301 EXTEND 3#2 & 1#8 IN 1 1/2" C. TO EXISTING SWITCHBOARD ROUTED THROUGH EXISTING STORAGE ROOM. TERMINATE FEEDER TO EXISTING "SPARE" 100A, 2 POLE FUSIBLE SWITCH LOCATED IN LAST SECTION OF SWITCHBOARD. INSTALL NEW 100A., CLASS RK1 FUSES. MATCH EXISTING MANUFACTURER.

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CLIENT
CITY OF MADISON PARKS DIVISION

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MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD

330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
ELECTRICAL SITE PLAN

SCALE
1" = 20'-0"

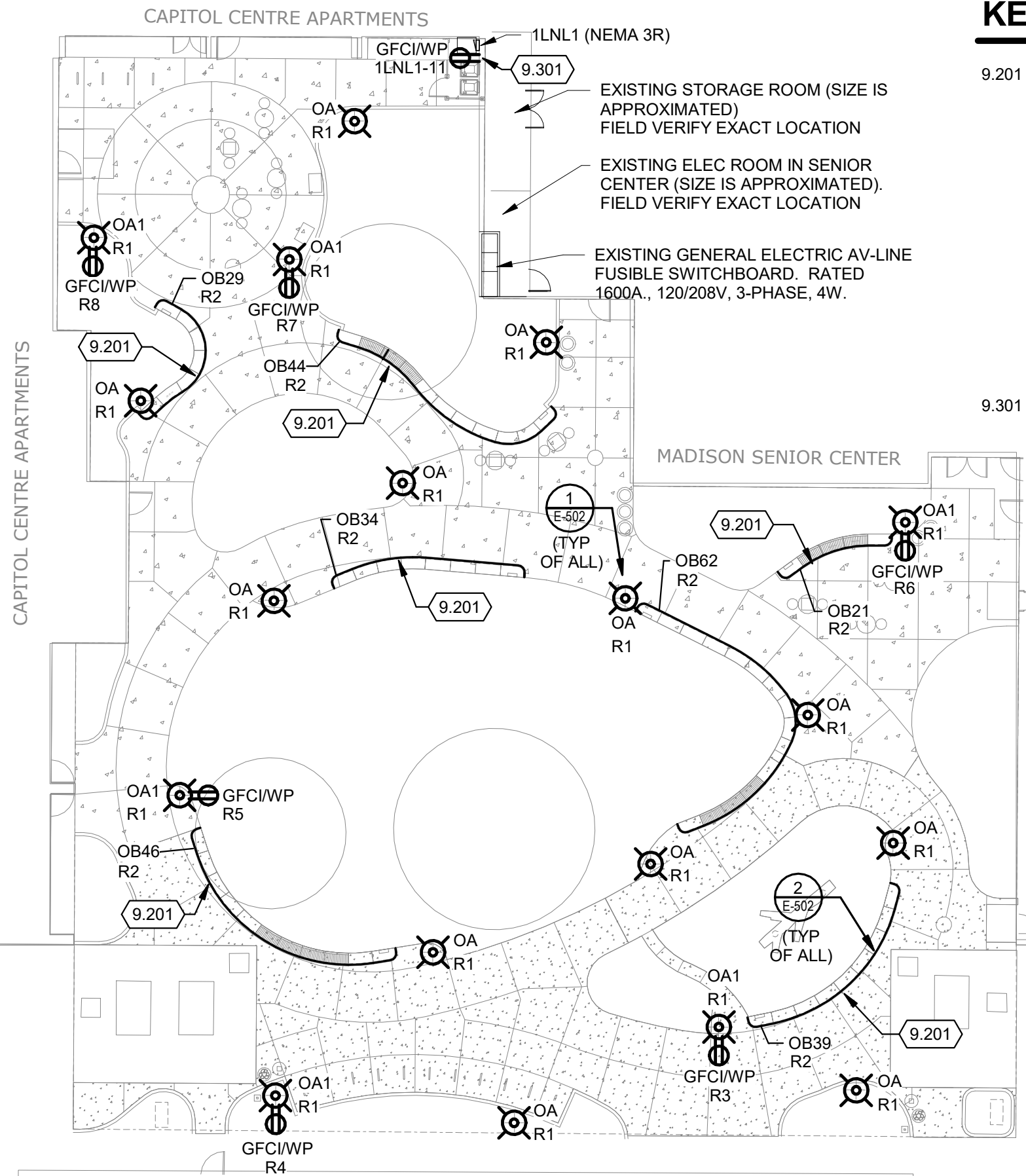
DATE
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CONSULTANT'S PROJECT NO. 2022-001	



1 SITE ELECTRICAL PLAN
1" = 20'-0"

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CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
ELECTRICAL DETAILS

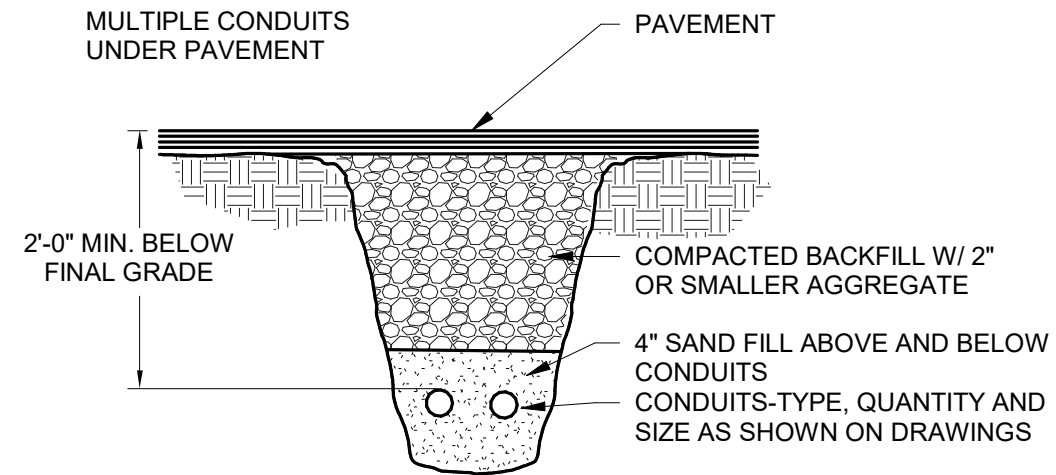
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KMR	MM	KMR

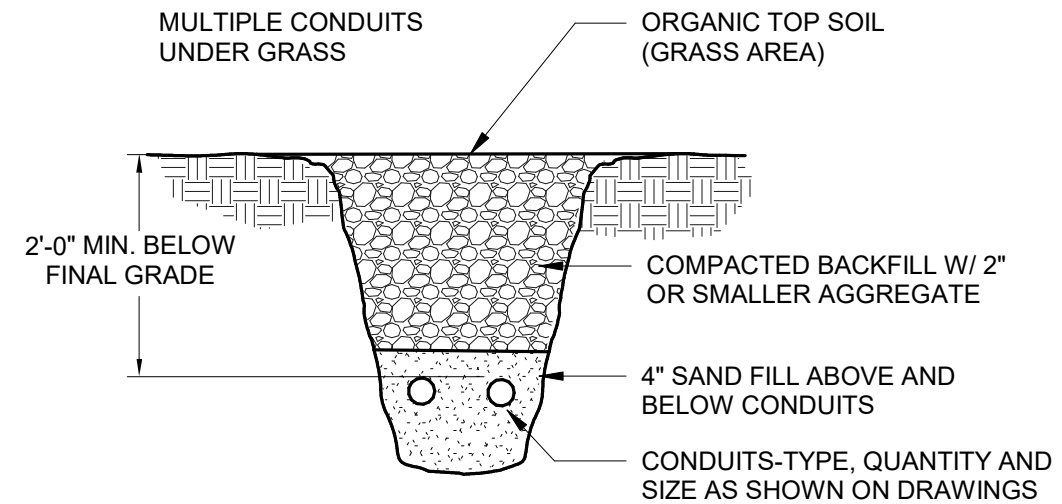
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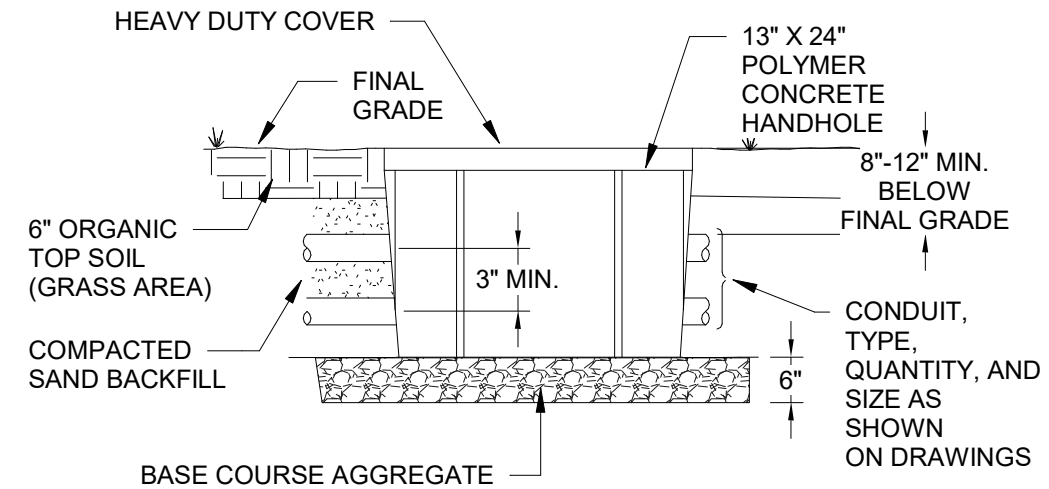
BPW CONTRACT NO. 9313	E501
CONSULTANT'S PROJECT NO. 2022-001	



3 UNDERGROUND CONDUIT DETAIL-PAVEMENT
NO SCALE



1 UNDERGROUND CONDUIT DETAIL-GRASS
NO SCALE



2 HANDHOLE
NO SCALE

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CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
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MADISON SENIOR CENTER COURTYARD
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DRAWING
ELECTRICAL DETAILS

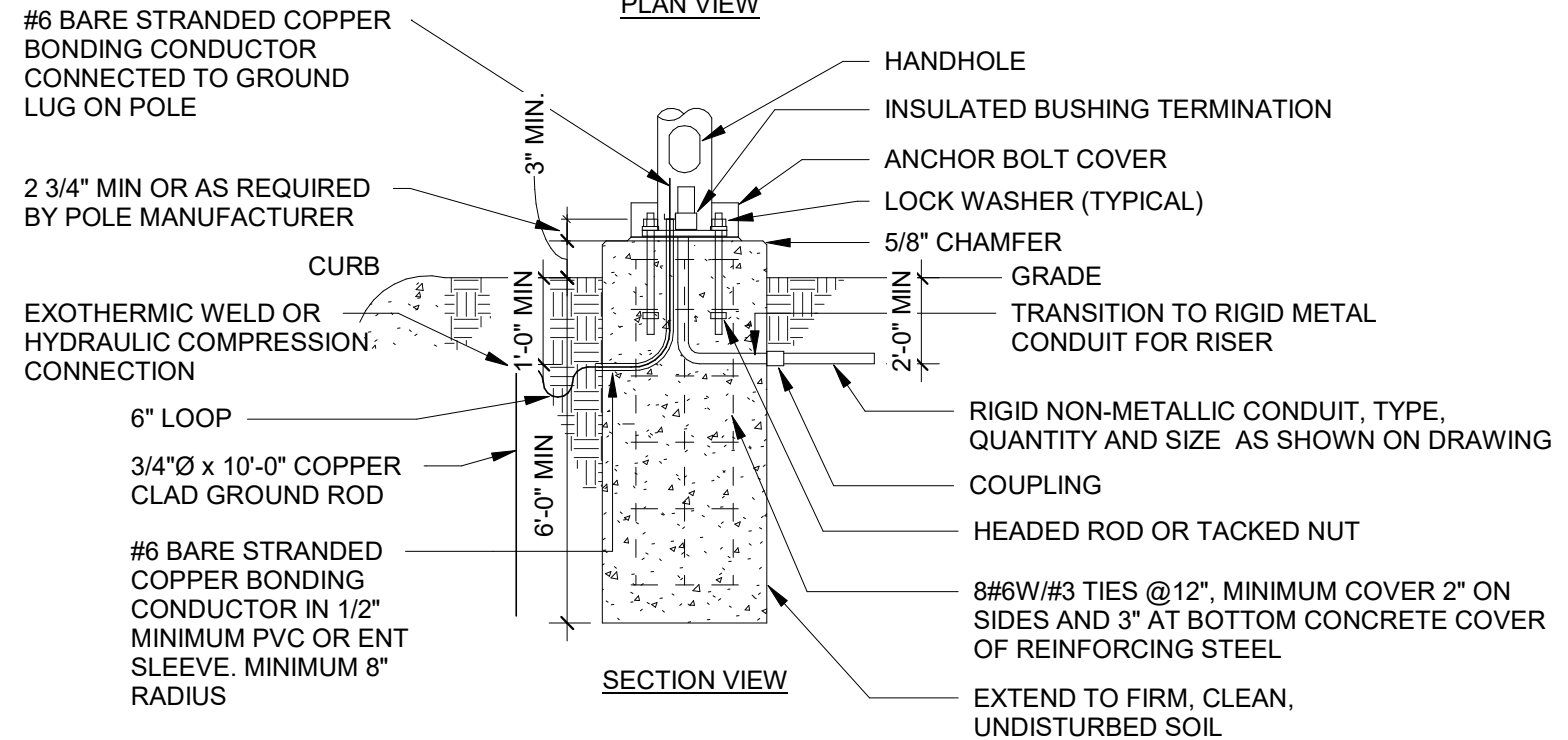
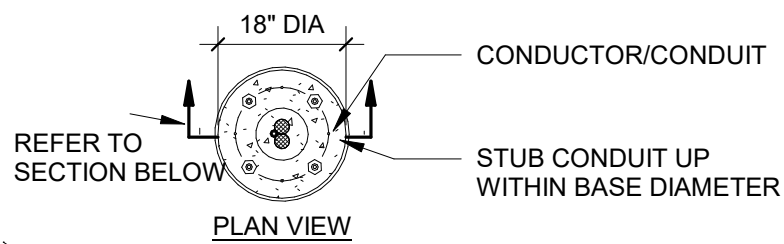
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DATE
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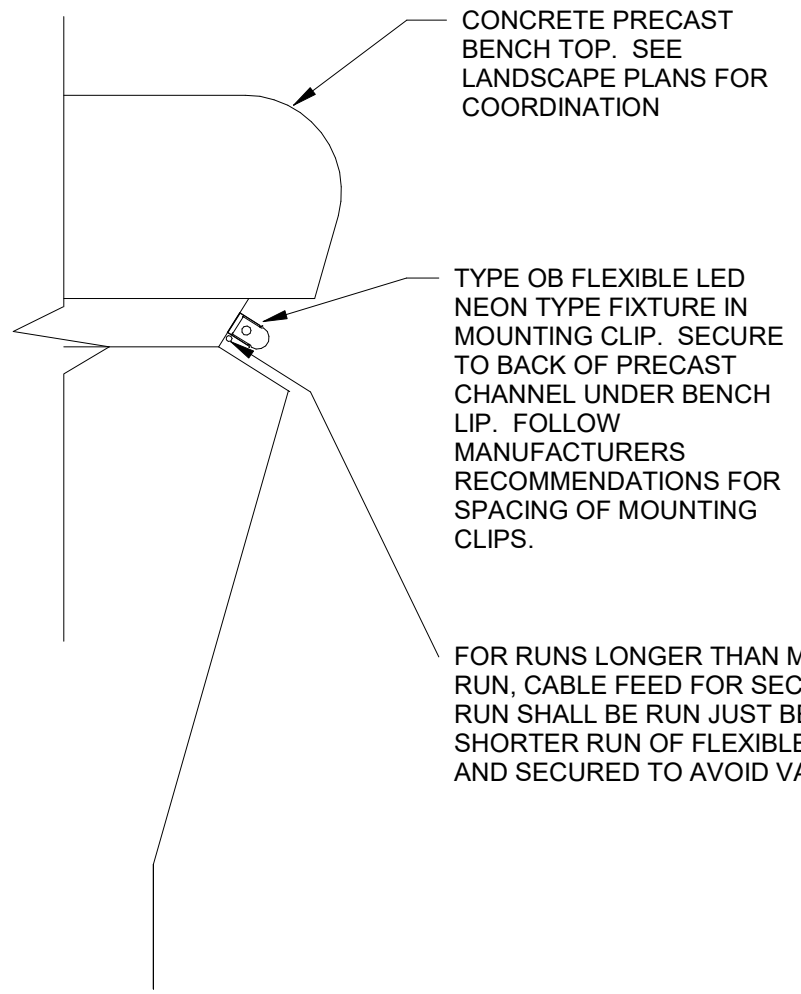
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BPW CONTRACT NO. 9313	DRAWING NO. E502
CONSULTANT'S PROJECT NO. 2022-001	



- NOTES**
1. CONTRACTOR SHALL USE TEMPLATE FURNISHED WITH POLE TO SET ANCHOR BOLTS. CENTER ON CONCRETE BASE.
 2. ANCHOR BOLTS SHALL BE ORIENTED PARALLEL TO THE CURB LINE.
 3. NON-SHRINK GROUT BETWEEN POLE AND BASE. PROVIDE A CHANNEL THROUGH GROUT FOR POLE INTERIOR DRAINAGE.
 4. EXPOSED SURFACES TROWELLED SMOOTH.
 5. ANCHOR BOLTS FOR POLE AS REQUIRED BY MANUFACTURER.
 6. CONCRETE BASE PER SPECIFICATIONS.



2 SEATWALL LIGHTING DETAIL
1/4" = 1'-0"

1 POLE BASE DETAIL W/ GND
NO SCALE

LUMINAIRE SCHEDULE

DES	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LED DATA	VOLTAGE	MOUNTING	DRIVER TYPE	FIXTURE DEPTH	INPUT LOAD	LUMENS	ACCEPTACLE MANUFACTURERS	KEYED NOTES
OA	SELUX	MST-DG-1-MP350-30-10'-BK-UNV-HL50	LOW GLARE, DARK SKY LED POST TOP ON 10' POST WITH HI/LOW 50% DIM	LED, 3000K	120 V	POST TOP	F	26"	33 VA	2965	LITHONIA RADEAN	2,3
OA1	SELUX	MST-DG-1-MP350-30-10'-BK-UNV-HL50-REC2	LOW GLARE, DARK SKY LED POST TOP ON 10' POST WITH HI/LOW 50% DIM AND POST MOUNTED RECEPTACLE WITH LOCKING COVER	LED, 3000K	120 V	POST TOP	F	26"	33 VA	2965	LITHONIA RADEAN	2,3,4
OB21	LED LINEAR	VARIOLED FLEX VENUS TC-3D-W930-*SEE PLANS-IP67	21' LONG LED 3D BENDING SILICONE ENCASED FLEXIBLE LINEAR LED	LED, 3000K	120 V	SPECIAL	D	5/8"	60 VA	100LM/FT	KLUS, OMNILIGHT	1,2
OB29	LED LINEAR	VARIOLED FLEX VENUS TC-3D-W930-*SEE PLANS-IP67	29'-8" LONG LED 3D BENDING SILICONE ENCASED FLEXIBLE LINEAR LED	LED, 3000K	120 V	SPECIAL	D	5/8"	96 VA	100LM/FT	KLUS, OMNILIGHT	1,2
OB34	LED LINEAR	VARIOLED FLEX VENUS TC-3D-W930-*SEE PLANS-IP67	34' LONG LED 3D BENDING SILICONE ENCASED FLEXIBLE LINEAR LED	LED, 3000K	120 V	SPECIAL	D	5/8"	96 VA	100LM/FT	KLUS, OMNILIGHT	1,2
OB39	LED LINEAR	VARIOLED FLEX VENUS TC-3D-W930-*SEE PLANS-IP67	39' LONG LED 3D BENDING SILICONE ENCASED FLEXIBLE LINEAR LED	LED, 3000K	120 V	SPECIAL	D	5/8"	96 VA	100LM/FT	KLUS, OMNILIGHT	1,2
OB44	LED LINEAR	VARIOLED FLEX VENUS TC-3D-W930-*SEE PLANS-IP67	44' 10" LONG 3D SIDE BENDING SILICONE ENCASED FLEXIBLE LINEAR LED	LED, 3000K	120 V	SPECIAL	D	5/8"	120 VA	100LM/FT	KLUS, OMNILIGHT	1,2,5
OB46	LED LINEAR	VARIOLED FLEX VENUS TC-3D-W930-*SEE PLANS-IP67	46' LONG LED 3D BENDING SILICONE ENCASED FLEXIBLE LINEAR LED	LED, 3000K	120 V	SPECIAL	D	5/8"	120 VA	100LM/FT	KLUS, OMNILIGHT	1,2,5
OB62	LED LINEAR	VARIOLED FLEX VENUS TC-3D-W930-*SEE PLANS-IP67	62' LONG LED 3D BENDING SILICONE ENCASED FLEXIBLE LINEAR LED	LED, 3000K	120 V	SPECIAL	D	5/8"	156 VA	100LM/FT	KLUS, OMNILIGHT	1,2,5

DRIVER: (SEE SPECIFICATIONS)

- A LED DIMMABLE DRIVER (0-10V) - 10% DIM
- B LED DIMMABLE DRIVER (0-10V) - 1% DIM
- C LED DIMMABLE DRIVER (ELV)
- D LED NON-DIMMABLE DRIVER
- E EMERGENCY **DRIVER**
- F LED STEP-DIMMING DRIVER

LUMINAIRE SCHEDULE GENERAL NOTES:

1. REFER TO DIVISION 26 SPECIFICATION FOR ADDITIONAL INFORMATION BEFORE ORDERING.
2. ALL LED LUMINAIRES MUST COMPLY WITH LM-79 AND LM-80 TESTING STANDARDS. L70 LIFE SHALL HAVE A MINIMUM OF 50,000 HOURS.
3. ANY PROPOSED SUBSTITUTIONS MUST BE SUBMITTED WITH PHOTOMETRIC CALCULATIONS AND CATALOG SHEETS WITH DATA TO PROVE EQUAL CHARACTERISTICS. PROVIDE PHYSICAL SAMPLES OF PROPOSED SUBSTITUTIONS UPON REQUEST.

LUMINAIRE SCHEDULE KEYED NOTES:

1. LED FLEXIBLE NEON FIXTURE. COORDINATE EXACT LENGTH REQUIRED WITH BENCH DETAILS. POWER SUPPLIES ARE REMOTE AND SHALL BE IP65 RATED. PROVIDE POWER SUPPLIES AS REQUIRED AND SIZE ACCORDING TO POWER OF ASSOCIATED RUN. LOCATE POWER SUPPLIES WITHIN VAULT SPACE PROVIDED IN THE BENCH. PROVIDE WITH MOUNTING CLIPS AND SUPPORT FIXTURE AS RECOMMENDED BY MANUFACTURER.
2. WET LOCATION LISTED.
3. PROVIDE WITH 10' TALL ROUND STRAIGHT ALUMINUM POLE AND OPTIONAL BASE COVER. FINISH SHALL MATCH FINAL FIXTURE FINISH SELECTION.
4. PROVIDE WITH POLE MOUNTED GFCI RECEPTACLE AND WEATHER PROOF COVER. SEE PLANS FOR COORDINATION.
5. LED FLEXIBLE NEON LENGTHS THAT EXCEED THE MAXIMUM RUN LENGTH AS SPECIFIED BY THE MANUFACTURER SHALL HAVE MULTIPLE LENGTHS MOUNTED IN LINE TO CREATE AN UNBROKEN LINE OF LIGHT. THE LEAD WIRE TO THE SECONDARY RUN(S) SHALL BE RUN ADJACENT TO THE INITIAL RUN IN THE CHANNEL AND SECURED TO AVOID DAMAGE. THE SECONDARY RUNS SHALL HAVE FEED WIRES SIZED ACCORDING TO VOLTAGE DROP RECOMMENDATIONS FROM MANUFACTURER. COORDINATE EXACT LENGTH REQUIRED WITH BENCH DETAILS. PROVIDE SHOP DRAWINGS FROM MANUFACTURER THAT SHOW ENTIRE RUN OF MULTIPLE LENGTHS, FEEDS, AND LEAD WIRES FOR A COMPLETE INSTALLATION.

Mead & Hunt

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CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
ELECTRICAL SCHEDULES

SCALE	DATE 02/09/2023
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DRAWN BY KMR	CHECKED MM	REVIEWED KMR
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SEAL

BPW CONTRACT NO. 9313	<h1 style="font-size: 2em; margin: 0;">E601</h1>
CONSULTANT'S PROJECT NO. 2022-001	



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LIGHTING RELAY SCHEDULE

RELAY NUMBER	VOLTAGE	POLES	PANEL	CIRCUIT NUMBER	LOAD LOCATION (ROOM NAME & NUMBER)	LOW VOLTAGE AUTOMATIC OVERRIDE	LOW VOLTAGE MANUAL OVERRIDE	KEYED NOTES
R1	120 V	1	1LNL1	1	POST TOP LIGHTING COURTYARD	T1	SOFTWARE	
R2	120 V	1	1LNL1	3	BENCH LIGHTS COURTYARD	T2	SOFTWARE	
R3	120 V	1	1LNL1	5	SOUTHEAST POST RECEPTACLE	T3	SOFTWARE	
R4	120 V	1	1LNL1	7	SOUTHWEST POST RECEPTACLE	T3	SOFTWARE	
R5	120 V	1	1LNL1	9	WEST POST RECEPTACLE	T3	SOFTWARE	
R6	120 V	1	1LNL1	2	EAST POST RECEPTACLE	T3	SOFTWARE	
R7	120 V	1	1LNL1	4	NORTHEAST POST RECEPTACLE	T3	SOFTWARE	
R8	120 V	1	1LNL1	6	NORTHWEST POST RECEPTACLE	T3	SOFTWARE	

RELAY SCHEDULE GENERAL NOTES:

1. ALL TIMECLOCK SETTINGS MUST BE CONFIRMED WITH OWNER PRIOR TO ENGAGING FACTORY PROGRAMMING.
2. PROVIDE BARRIERS OR INDIVIDUAL PANELS AS NECESSARY TO SEPARATE VOLTAGES AND BRANCHES OF POWER.
3. PROVIDE CAPACITY FOR 25% SPARE RELAYS FOR FUTURE EXPANSION WITH A MINIMUM OF 2 SPACE RELAYS/ROOM CONTROLLERS PER LIGHTING CONTROL PANEL.

OVERRIDE DEFINITIONS:

SOFTWARE = CONTROLLED ONLY FROM AUTOMATIC CONTROL AND LIGHTING CONTROL SOFTWARE

T* = TIMECLOCK CONTROL

LOW VOLTAGE AUTOMATIC CONTROL SETTINGS:

- T1 AUTOMATIC TIME CONTROL WITH AUTOMATIC DAYLIGHT OVERRIDE - (ON 100%) DUSK / (DIM 50%) 10PM.
- T2 AUTOMATIC TIME CONTROL - (ON 100%) DUSK / (OFF) 10PM.
- T3 EXTERIOR TIME CONTROL - (ON) 24-7

LIGHTING CONTROL INTENT:

PROVIDE SMALL CENTRALIZED LOW VOLTAGE RELAY PANEL, nLIGHT ARP 8-RELAY OR SIMILAR WITH TIMECLOCK FUNCTION OR PROVIDE DISTRIBUTED RELAYS WITH TIMECLOCK IN HEAD END PANEL.

PANEL LOCATION SHALL BE UP HIGH ON WALL IN STORAGE CLOSET OR ELECTRICAL ROOM IN SENIOR CENTER. IF LOCATED IN STORAGE CLOSET, DISTRIBUTED RELAYS ARE PREFERRED TO KEEP ALL DEVICES HIGH AND OUT OF THE WAY OF POTENTIAL DAMAGE.

SOFTWARE MUST BE PROVIDED WITH LIGHTING CONTROL SYSTEM FOR MAINTENANCE AND SCHEDULING PURPOSES. OWNER TRAINING UPON COMPLETION OF LIGHTING CONTROL COMMISSIONING SHALL BE PROVIDED.

SWITCH LABELING INTENT:

- (R#) INDICATES CENTRALIZED LOW VOLTAGE RELAY CONTROL WHERE THE NUMBER IS THE CORRESPONDING RELAY

CONTROL INTENT BY SPACE:

EXTERIOR LIGHTING:

- PROVIDE LOW VOLTAGE LIGHTING CONTROL WITH STEP DIM POWER SUPPLY FOR DIMMING TO 50% OF ALL POLE MOUNTED AREA LIGHTING. LIGHTING SHALL TURN ON AT DUSK AND DIM TO 50% AT 10PM. LIGHTING WILL TURN OFF AT DAWN.
- PROVIDE LOW VOLTAGE LIGHTING CONTROL FOR ON/OFF RELAY CONTROL OF ALL UNDER BENCH LIGHTING. LIGHTING SHALL TURN ON AT DUSK AND OFF AT 10PM (PARK CLOSING).
- PROVIDE LOW VOLTAGE ON/OFF CONTROL FOR RECEPTACLES ON POLES. POWER SHALL BE ON 24/7 UNLESS DETERMINED OTHERWISE BY OWNER.

NO.	REVISION	DATE

CLIENT
CITY OF MADISON PARKS DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
ELECTRICAL SCHEDULES

SCALE _____ DATE **02/09/2023**

DRAWN BY KMR	CHECKED MM	REVIEWED KMR
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APPROVED _____	DEPT. APPROVAL _____
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SEAL _____

BPW CONTRACT NO. 9313	E602
CONSULTANT'S PROJECT NO. 2022-001	



Mead & Hunt, Inc.
2440 Deming Way
Middleton, WI 53562
phone: 608-273-6380
meadhunt.com

Panelboard:

Panel 1LNL1

Bus Ampacity
Branch Brkr Space
Main Type
MCB Amps

100 Volts
18 Poles Phase
MCB Wires
100 Delta/Wye
Surface Mounting
NEMA 3R Enclosure
10 kA SCCR
No SE Rated
18 A Pnl MCA

208/120
1
3
-
Surface
NEMA 3R
10 kA
No
18 A

Panel Source:
Feed-Thru Lugs
Sub-Feed Lugs
Sub-Feed Brkr #1
Sub-Feed Brkr #2

SWBD
None
None
None
None
SPD
No

Comments:

Key Note	Load Description	Cct No	Brkr A/P	Left Side		Right Side		Brkr A/P	Cct No	Load Description	Key Note
				A	B	A	B				
	POST TOP LTS	1	20/1	650		180		20/1	2	RECEPT	
	UNDER BENCH LIGHTS	3	20/1		1,400		180	20/1	4	RECEPT	
	RECEPT	5	20/1	180		180		20/1	6	RECEPT	
	RECEPT	7	20/1		180		0		8		
	RECEPT	9	20/1	180		0			10		
	RECEPT	11	20/1		180		0		12		
		13		0		0			14		
		15			0		0		16		
		17		0		0			18		

Key Notes: A=HACR G=GFI H=HANDLE LOCK C=THRU CONTACTOR I=ISOLATED GRD S=SHUNT TRIP P=PADLOCK HASP D=HID LIGHTING E=EXISTING

NO. REVISION DATE

CLIENT
CITY OF MADISON PARKS
DIVISION
330 E. LAKESIDE STREET
MADISON, WI 53715

PROJECT
MADISON SENIOR CENTER
COURTYARD
330 WEST MIFFLIN STREET
MADISON, WI 53703

DRAWING
ELECTRICAL SCHEDULES

SCALE DATE
02/09/2023

DRAWN BY CHECKED REVIEWED
KMR MM KMR

APPROVED DEPT. APPROVAL

SEAL

DRAWING NO. E603
BPW CONTRACT NO. 9313
CONSULTANT'S PROJECT NO. 2022-001