

ZOR SHRINE WEST - 06.27.2022

MADISON, WI



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CIVIL/LLA ENGINEER

PROJECT:

ZOR SHRINE WEST
 MADISON, WI
NOT FOR CONSTRUCTION

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

Name:
 Alex Haecker, AIA
 Signature:

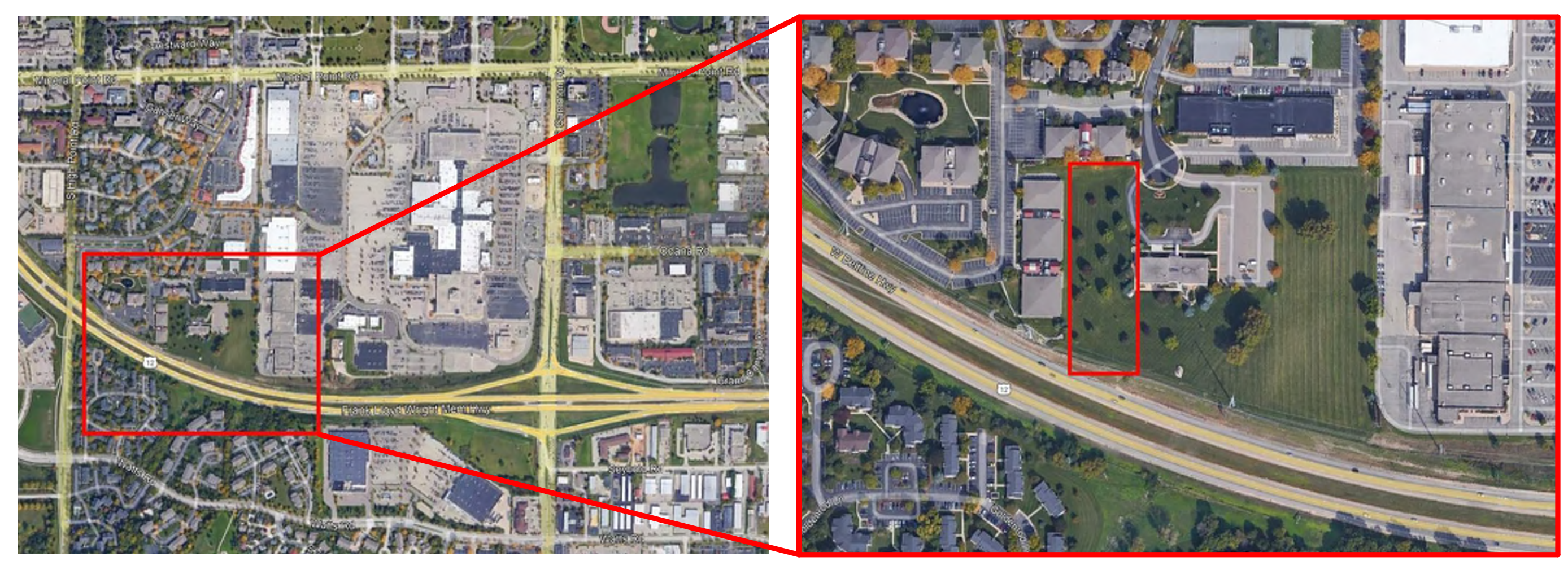
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ISSUE	DATE

TITLE SHEET

SHEET TITLE
 T1.1
 SHEET

PROJECT LOCATION



Vicinity

Site Location

PROJECT TEAM

Owner/Developer: Saturday Properties
 3546 Dakota Ave. So. Suite D
 St. Louis Park, MN 55416
 Ph: 612-360-3113

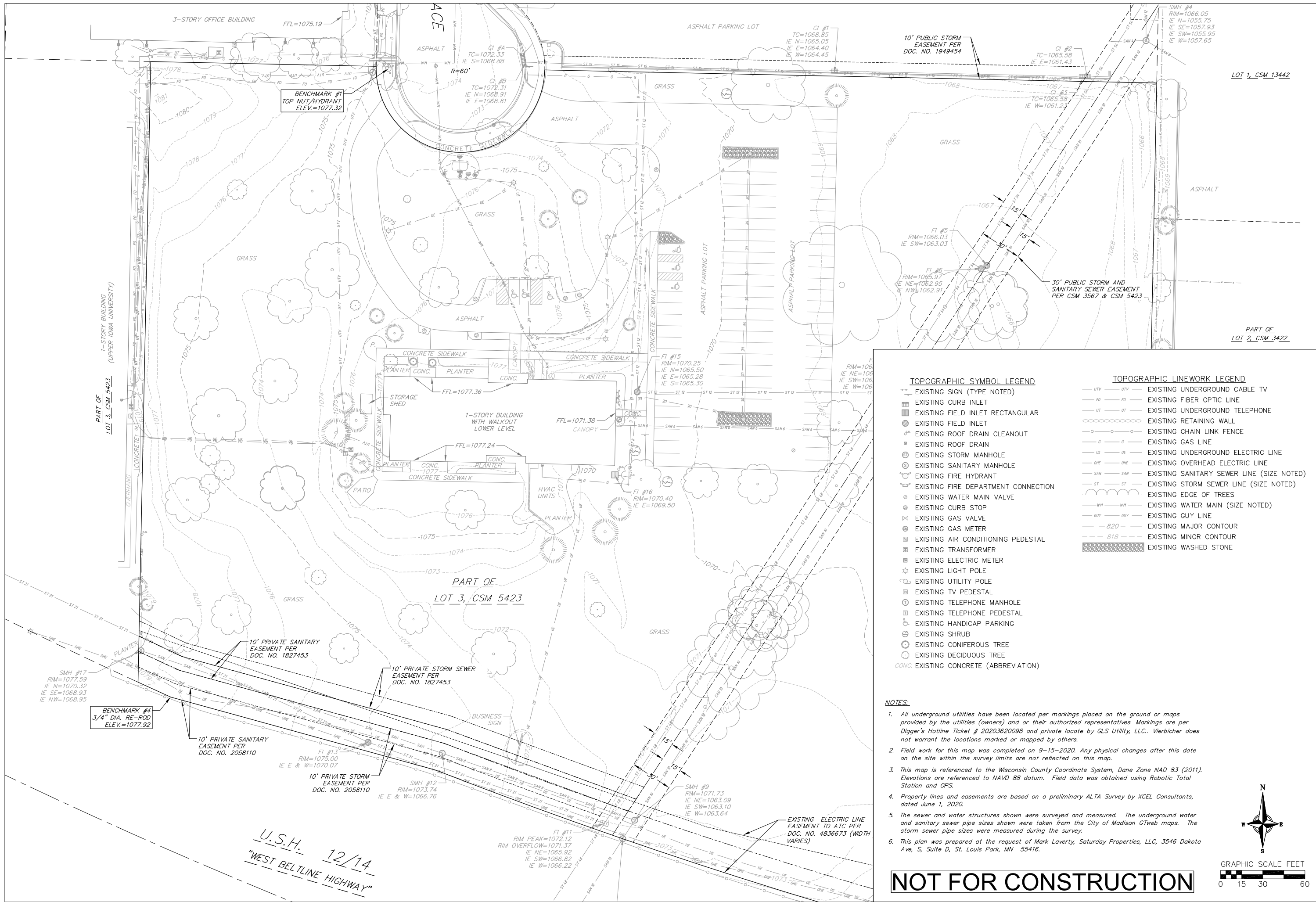
Architect: AWH Architects
 12 E. 25th Street
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Civil / Landscape: Vierbicher
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 Ph: 608-826-0532

Contractor: T.B.D.

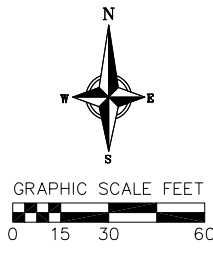
Structural Engineer: T.B.D.

Mechanical, Electrical, Plumbing Engineers: T.B.D.



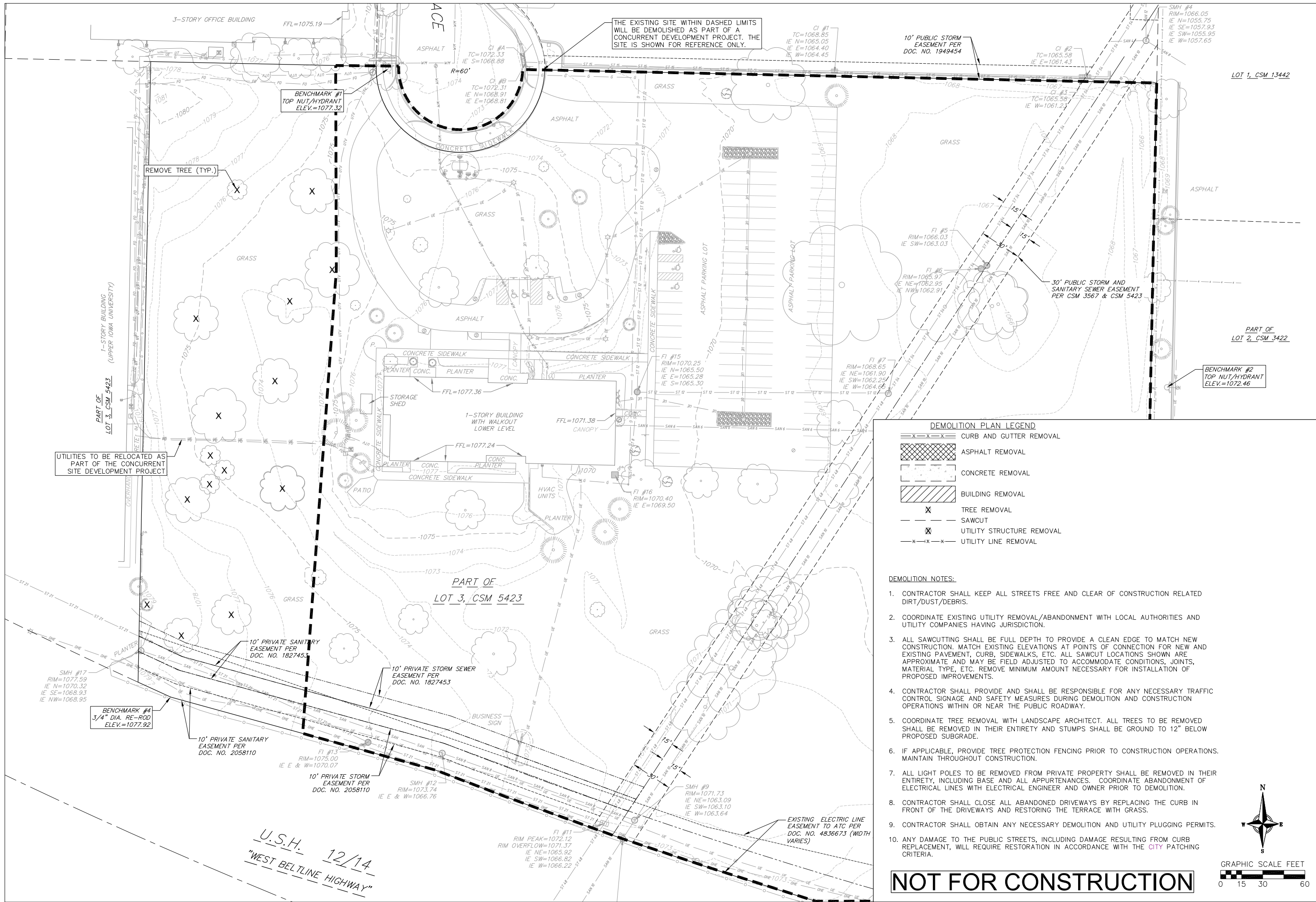
TOPOGRAPHIC SYMBOL LEGEND		TOPOGRAPHIC LINework LEGEND	
	EXISTING SIGN (TYPE NOTED)		EXISTING UNDERGROUND CABLE TV
	EXISTING CURB INLET		EXISTING FIBER OPTIC LINE
	EXISTING FIELD INLET RECTANGULAR		EXISTING UNDERGROUND TELEPHONE
	EXISTING FIELD INLET		EXISTING RETAINING WALL
	EXISTING ROOF DRAIN CLEANOUT		EXISTING CHAIN LINK FENCE
	EXISTING ROOF DRAIN		EXISTING GAS LINE
	EXISTING STORM MANHOLE		EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING SANITARY MANHOLE		EXISTING OVERHEAD ELECTRIC LINE
	EXISTING FIRE HYDRANT		EXISTING SANITARY SEWER LINE (SIZE NOTED)
	EXISTING FIRE DEPARTMENT CONNECTION		EXISTING STORM SEWER LINE (SIZE NOTED)
	EXISTING WATER MAIN VALVE		EXISTING EDGE OF TREES
	EXISTING CURB STOP		EXISTING WATER MAIN (SIZE NOTED)
	EXISTING GAS VALVE		EXISTING GUY LINE
	EXISTING GAS METER		EXISTING MAJOR CONTOUR
	EXISTING AIR CONDITIONING PEDESTAL		EXISTING MINOR CONTOUR
	EXISTING TRANSFORMER		EXISTING WASHED STONE
	EXISTING ELECTRIC METER		
	EXISTING LIGHT POLE		
	EXISTING UTILITY POLE		
	EXISTING TV PEDESTAL		
	EXISTING TELEPHONE MANHOLE		
	EXISTING TELEPHONE PEDESTAL		
	EXISTING HANDICAP PARKING		
	EXISTING SHRUB		
	EXISTING CONIFEROUS TREE		
	EXISTING DECIDUOUS TREE		
	CONC. EXISTING CONCRETE (ABBREVIATION)		

- NOTES:**
- All underground utilities have been located per markings placed on the ground or maps provided by the utilities (owners) and or their authorized representatives. Markings are per Digger's Hotline Ticket # 20203620098 and private locate by GLS Utility, LLC. Vierbicher does not warrant the locations marked or mapped by others.
 - Field work for this map was completed on 9-15-2020. Any physical changes after this date on the site within the survey limits are not reflected on this map.
 - This map is referenced to the Wisconsin County Coordinate System, Dane Zone NAD 83 (2011). Elevations are referenced to NAVD 88 datum. Field data was obtained using Robotic Total Station and GPS.
 - Property lines and easements are based on a preliminary ALTA Survey by XCEL Consultants, dated June 1, 2020.
 - The sewer and water structures shown were surveyed and measured. The underground water and sanitary sewer pipe sizes shown were taken from the City of Madison GWeb maps. The storm sewer pipe sizes were measured during the survey.
 - This plan was prepared at the request of Mark Laverty, Saturday Properties, LLC, 3546 Dakota Ave, S, Suite D, St. Louis Park, MN 55416.



NOT FOR CONSTRUCTION

U.S.H. 12/14
"WEST BELTLINE HIGHWAY"



THE EXISTING SITE WITHIN DASHED LIMITS WILL BE DEMOLISHED AS PART OF A CONCURRENT DEVELOPMENT PROJECT. THE SITE IS SHOWN FOR REFERENCE ONLY.

10' PUBLIC STORM EASEMENT PER DOC. NO. 1949454

30' PUBLIC STORM AND SANITARY SEWER EASEMENT PER CSM 3567 & CSM 5423

REMOVE TREE (TYP.)

BENCHMARK #1
TOP NUT/HYDRANT
ELEV.=1077.32

BENCHMARK #2
TOP NUT/HYDRANT
ELEV.=1072.46

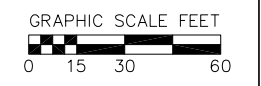
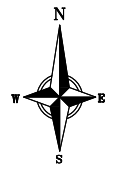
UTILITIES TO BE RELOCATED AS PART OF THE CONCURRENT SITE DEVELOPMENT PROJECT

DEMOLITION PLAN LEGEND

- CURB AND GUTTER REMOVAL
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- BUILDING REMOVAL
- TREE REMOVAL
- SAWCUT
- UTILITY STRUCTURE REMOVAL
- UTILITY LINE REMOVAL

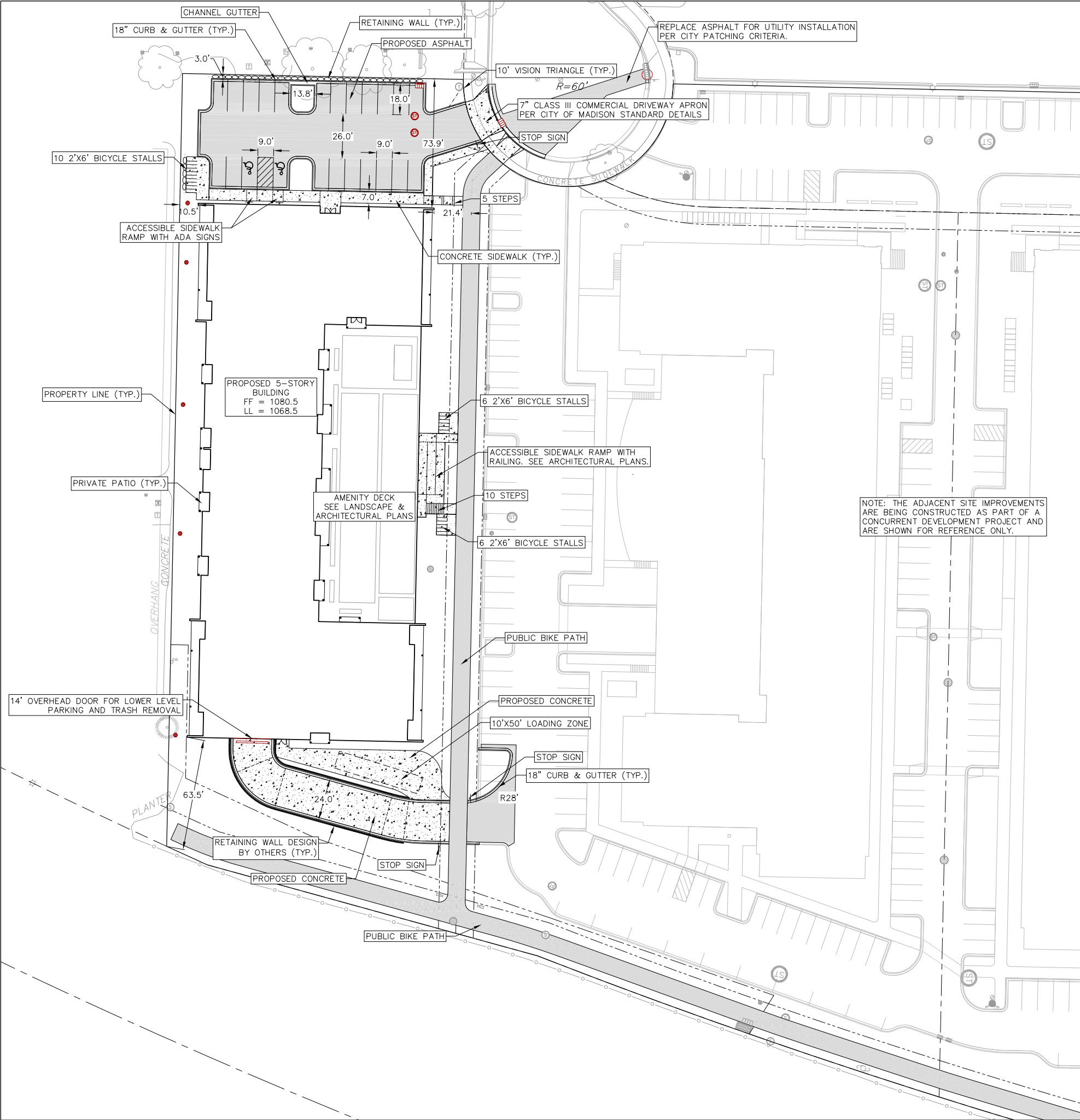
DEMOLITION NOTES:

1. CONTRACTOR SHALL KEEP ALL STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
2. COORDINATE EXISTING UTILITY REMOVAL/ABANDONMENT WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
3. ALL SAWCUTTING SHALL BE FULL DEPTH TO PROVIDE A CLEAN EDGE TO MATCH NEW CONSTRUCTION. MATCH EXISTING ELEVATIONS AT POINTS OF CONNECTION FOR NEW AND EXISTING PAVEMENT, CURB, SIDEWALKS, ETC. ALL SAWCUT LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO ACCOMMODATE CONDITIONS, JOINTS, MATERIAL TYPE, ETC. REMOVE MINIMUM AMOUNT NECESSARY FOR INSTALLATION OF PROPOSED IMPROVEMENTS.
4. CONTRACTOR SHALL PROVIDE AND SHALL BE RESPONSIBLE FOR ANY NECESSARY TRAFFIC CONTROL SIGNAGE AND SAFETY MEASURES DURING DEMOLITION AND CONSTRUCTION OPERATIONS WITHIN OR NEAR THE PUBLIC ROADWAY.
5. COORDINATE TREE REMOVAL WITH LANDSCAPE ARCHITECT. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS SHALL BE GROUND TO 12" BELOW PROPOSED SUBGRADE.
6. IF APPLICABLE, PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION OPERATIONS. MAINTAIN THROUGHOUT CONSTRUCTION.
7. ALL LIGHT POLES TO BE REMOVED FROM PRIVATE PROPERTY SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. COORDINATE ABANDONMENT OF ELECTRICAL LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
8. CONTRACTOR SHALL CLOSE ALL ABANDONED DRIVEWAYS BY REPLACING THE CURB IN FRONT OF THE DRIVEWAYS AND RESTORING THE TERRACE WITH GRASS.
9. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEMOLITION AND UTILITY PLUGGING PERMITS.
10. ANY DAMAGE TO THE PUBLIC STREETS, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY PATCHING CRITERIA.



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NOTE: THE ADJACENT SITE IMPROVEMENTS ARE BEING CONSTRUCTED AS PART OF A CONCURRENT DEVELOPMENT PROJECT AND ARE SHOWN FOR REFERENCE ONLY.

- SITE PLAN NOTES:**
1. CONCRETE TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED BASE COURSE UNLESS OTHERWISE NOTED.
 2. CONCRETE FOR DRIVEWAYS AND SIDEWALK AT DRIVEWAY ENTRANCES SHALL BE 7" THICK, CONSTRUCTED ON A BASE COURSE OF 5" COMPACTED SAND OR CRUSHED STONE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS WITH CURB & GUTTER ARE REFERENCED TO THE FACE OF CURB.
 4. CONTRACTOR SHALL DEEP TILL ANY DISTURBED AREAS TO BE RESTORED WITH TOPSOIL AFTER CONSTRUCTION IS COMPLETE AND BEFORE RESTORING.
 5. CONTRACTOR TO OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, RIGHT OF WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
 6. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
 7. SEE ARCHITECTS PLANS FOR THE BUILDING DIMENSIONS. ALL BUILDING DIMENSIONS SHALL BE COORDINATED AND VERIFIED WITH THE ARCHITECTS PLANS. ALL DIMENSIONS TO BUILDINGS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

PARKING LOT SITE INFORMATION BLOCK

SITE ADDRESS: 575 ZOR SHRINE PLACE
 SITE ACREAGE (TOTAL) = 1.79 ACRES (LOT 3 OF PENDING CSM)

NUMBER OF BUILDING STORIES (ABOVE GRADE): 5
 BUILDING HEIGHT: 77'
 DILHR TYPE OF CONSTRUCTION: TYPE 3B RESIDENTIAL, 2B PARKING
 USE OF PROPERTY: SENIOR HOUSING
 GROSS SQUARE FT OF BUILDING: 175,065 GSF
 GROSS SQUARE FT OF COMMERCIAL/OFFICE AREA: 0 GSF
 NUMBER OF EMPLOYEES: 3
 NUMBER OF EMPLOYEES IN PRODUCTION AREA: N/A
 CAPACITY OF RESTAURANT/PLACE OF ASSEMBLY: N/A

NUMBER OF BICYCLE STALLS SHOWN: 99 INTERNAL + 22 EXTERNAL = 121

NUMBER OF PARKING STALLS:

PROPOSED SITE	23
PROPOSED COVERED	98
ELECTRIC VEHICLE	2% EV INSTALLED. 10% EV READY.
ACCESSIBLE	5 TOTAL. 0 ON SITE. 5 COVERED.
VAN ACCESSIBLE	2 ON SITE. 1 COVERED.
TOTAL	121

NUMBER OF TREES SHOWN: SEE LANDSCAPE PLAN

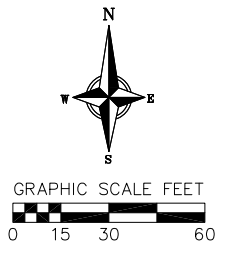
LOT COVERAGE & USABLE OPEN SPACE CALCULATIONS

SITE AREA: 77,825 SF
 LOT COVERAGE: 57015 SF
 LOT COVERAGE: 73%
 LOT COVERAGE MAXIMUM: 80%

NUMBER OF DWELLING UNITS: 100
 REQUIRED USABLE OPEN SPACE = 40 SF/D.U. = 4,000 SF
 SITE USABLE OPEN SPACE AREA: 3,040 SF
 BUILDING USABLE OPEN SPACE AREA (BALCONIES & COURTYARD AREA): 17,823 SF
 (CAN ACCOUNT FOR 75% OF USABLE OPEN SPACE REQUIREMENT)

TOTAL USABLE OPEN SPACE: 20,863 SF

- SITE PLAN LEGEND**
- PROPERTY BOUNDARY
 - ▨ CURB AND GUTTER (REVERSE CURB HATCHED)
 - PROPOSED CHAIN LINK FENCE
 - PROPOSED WOOD FENCE
 - ▤ PROPOSED CONCRETE
 - ▧ PROPOSED LIGHT-DUTY ASPHALT
 - ▩ PROPOSED HEAVY-DUTY ASPHALT
 - ⊙ PROPOSED SIGN
 - ⊙ PROPOSED LIGHT POLE
 - PROPOSED BOLLARD
 - ▤ PROPOSED ADA DETECTABLE WARNING FIELD
 - ♿ PROPOSED HANDICAP PARKING



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PROJECT:
 ZOR SHRINE WEST
 MADISON, WI

Date: 06/27/2022

ISSUE	DATE

SITE PLAN
 SHEET TITLE
C300
 SHEET NO.

LOT 1, CSM 13442

PART OF
LOT 2, CSM 3422

SILT FENCE (TYP.)

EROSION MAT CLASS II, TYPE B

PROPOSED 5-STORY BUILDING

AMENITY DECK

EROSION MAT CLASS I, TYPE A

INLET PROTECTION (TYP.)

SILT FENCE (TYP.)

EROSION MAT CLASS I, TYPE A

INLET PROTECTION (TYP.)

TRACKING PAD

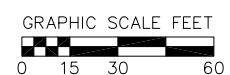
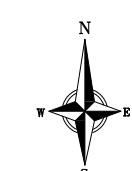
CONCRETE WASHOUT STRUCTURE

EROSION CONTROL NOTES:

1. NO LAND DISTURBANCE ACTIVITIES SHALL BEGIN UNTIL ALL EROSION CONTROL BMP'S ARE INSTALLED.
2. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.

GRADING LEGEND

- - - 820 - - - EXISTING MAJOR CONTOURS
- - - 818 - - - EXISTING MINOR CONTOURS
- 820 — PROPOSED MAJOR CONTOURS
- 818 — PROPOSED MINOR CONTOURS
- - - - - DITCH CENTERLINE
- - - - - SILT FENCE
- - - - - DISTURBED LIMITS
- — — — — BERM
- — — — — STONE WEEPER
- — — — — VELOCITY CHECK
- — — — — INLET PROTECTION
- — — — — EROSION MAT CLASS I, TYPE A
- — — — — EROSION MAT CLASS II, TYPE B
- — — — — EROSION MAT CLASS II, TYPE A
- — — — — TRACKING PAD
- — — — — RIP RAP



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Date: 06/27/2022

ISSUE DATE

EROSION CONTROL PLAN

SHEET TITLE

C400

SHEET NO.

U.S.H.
WEST

PART OF
LOT 3, CSM 5423

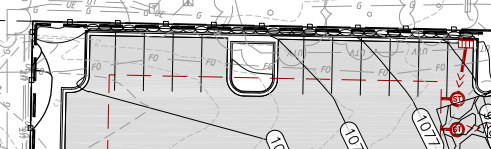
OVERHANG

CONCRETE

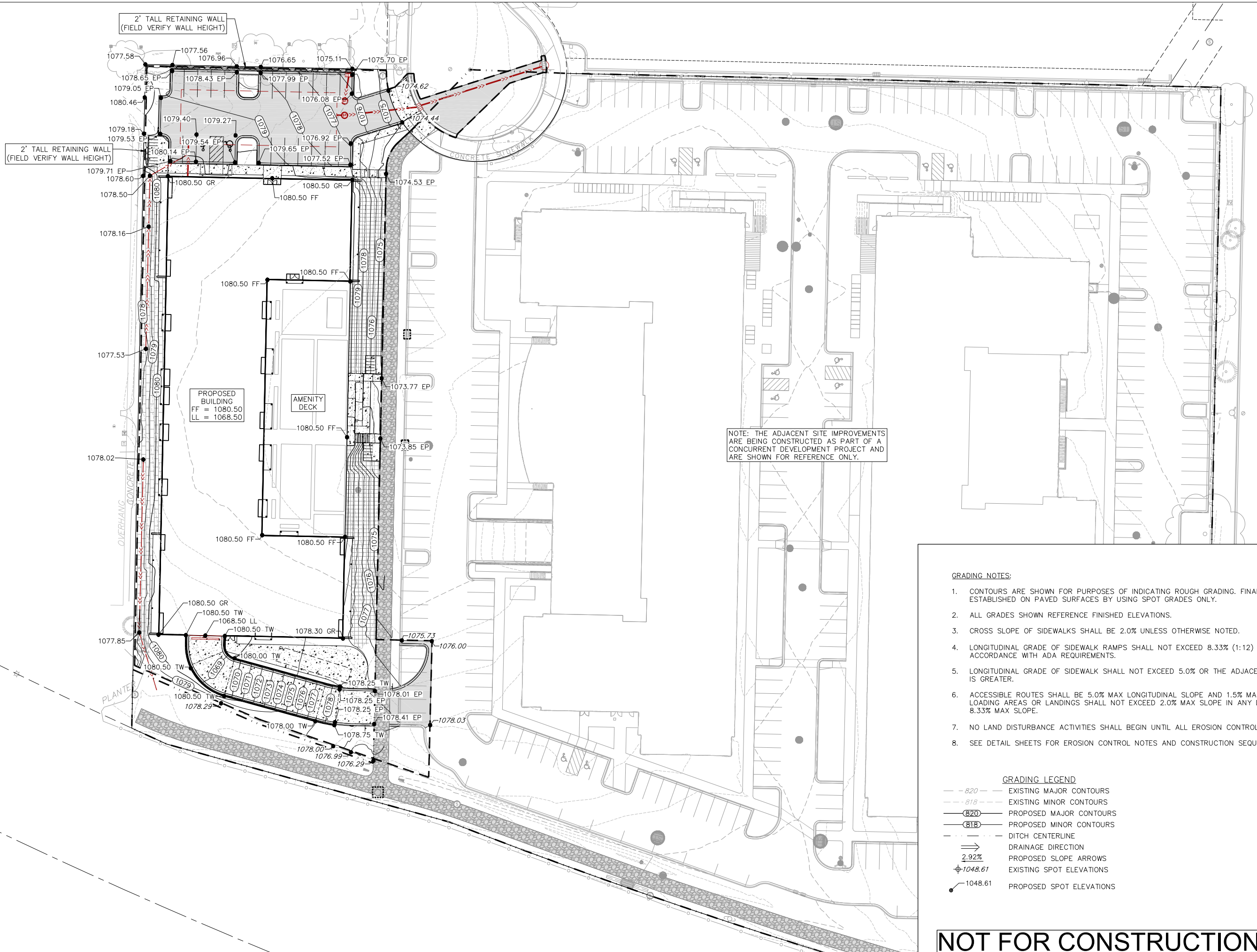
PLANTER

ZOR

CONCRETE SIDEWALK

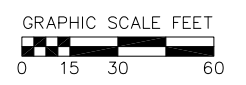


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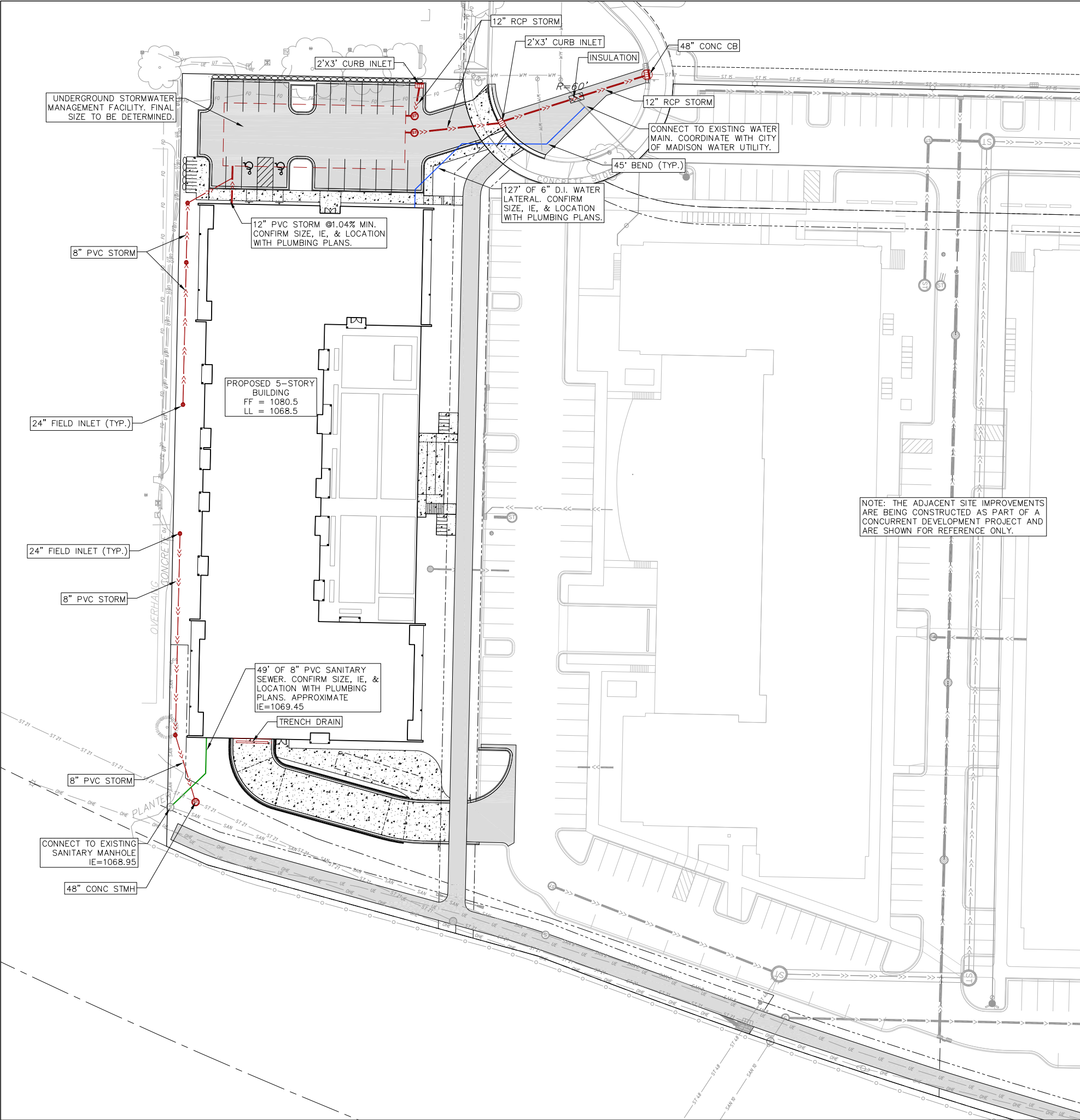


- GRADING NOTES:**
1. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
 2. ALL GRADES SHOWN REFERENCE FINISHED ELEVATIONS.
 3. CROSS SLOPE OF SIDEWALKS SHALL BE 2.0% UNLESS OTHERWISE NOTED.
 4. LONGITUDINAL GRADE OF SIDEWALK RAMPS SHALL NOT EXCEED 8.33% (1:12) AND SHALL BE IN ACCORDANCE WITH ADA REQUIREMENTS.
 5. LONGITUDINAL GRADE OF SIDEWALK SHALL NOT EXCEED 5.0% OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER.
 6. ACCESSIBLE ROUTES SHALL BE 5.0% MAX LONGITUDINAL SLOPE AND 1.5% MAX CROSS SLOPE. ACCESSIBLE LOADING AREAS OR LANDINGS SHALL NOT EXCEED 2.0% MAX SLOPE IN ANY DIRECTION. RAMPS SHALL BE 8.33% MAX SLOPE.
 7. NO LAND DISTURBANCE ACTIVITIES SHALL BEGIN UNTIL ALL EROSION CONTROL BMP'S ARE INSTALLED.
 8. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.

- GRADING LEGEND**
- - 820 - - EXISTING MAJOR CONTOURS
 - - 818 - - EXISTING MINOR CONTOURS
 - (820) — PROPOSED MAJOR CONTOURS
 - (818) — PROPOSED MINOR CONTOURS
 - - - - - DITCH CENTERLINE
 - ⇒ DRAINAGE DIRECTION
 - 2.92% PROPOSED SLOPE ARROWS
 - ⊕ 1048.61 EXISTING SPOT ELEVATIONS
 - ⊕ 1048.61 PROPOSED SPOT ELEVATIONS



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UTILITY NOTES:

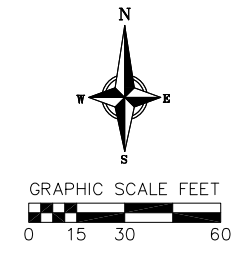
- CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
- SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
- CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES TO FINISHED GRADE (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
- FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATION WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
- STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(C).
- UNDERGROUND DRAIN AND VENT PIPE/TUBING SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-2 OF SPS 384.30(2).
- PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(D).
- PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(C).
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(H) AND SPS 382.40(8)(K).
- EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(B.).
- NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
- SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE LOCAL MUNICIPALITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
- CONTRACTOR TO CHLORINATE AND BACTERIA TEST BEFORE DOMESTIC SUPPLY PURPOSES
- CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.
- ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GRADE ELEVATION TO TOP OF MAIN. PROVIDE 1.5' CLEAR SEPARATION IF WATER CROSSES BELOW SEWER AND MINIMUM 0.5' IF WATER CROSSES ABOVE.
- SANITARY MANHOLES WITH SEWER MAIN CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN EXTERNAL DROP. MANHOLES WITH SEWER LATERAL CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN INTERNAL DROP.
- INSTALL 1 SHEET OF 4'X8'X4" HIGH DENSITY STYROFOAM INSULATION AT ALL LOCATIONS WHERE STORM SEWER CROSSES WATER MAIN OR WATER LATERALS.
- CONTRACTOR TO INSTALL BENDS AND CLEANOUTS AS NECESSARY ON WATER AND SEWER LATERALS.

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER MAIN
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

ABBREVIATIONS

STMH	-	STORM MANHOLE
FI	-	FIELD INLET
CI	-	CURB INLET
CB	-	CATCH BASIN
EW	-	ENDWALL
SMH	-	SANITARY MANHOLE



NOT FOR CONSTRUCTION

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PROJECT:
 ZOR SHRINE WEST
 MADISON, WI

Date: 06/27/2022

ISSUE	DATE

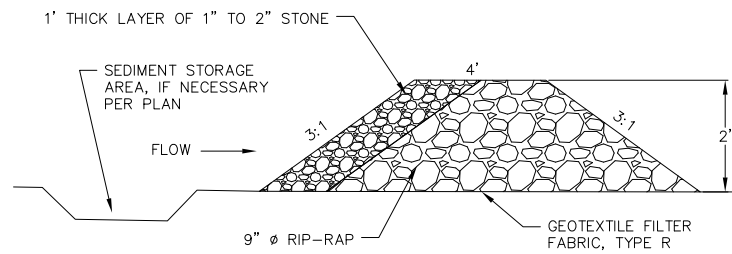
UTILITY PLAN

SHEET TITLE: **C600**

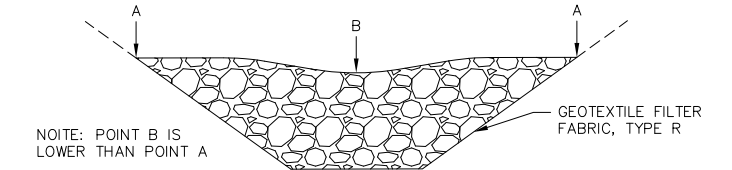
SHEET NO.:

EROSION CONTROL MEASURES

- EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
- CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (<http://dnr.wi.gov/runoff/stormwater/techstds.htm>) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
- INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR CITY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
- 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. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
- A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WISDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
- CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
- STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
- SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
- WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
- SEE GRADING AND EROSION CONTROL PLAN FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
- INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. THE FILTERS SHALL BE MAINTAINED UNTIL THE DISTURBED AREAS ARE BOTH 70% RESTORED AND PAVED.
- RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN.
- SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
- FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
- EROSION MAT (CLASS I, TYPE B PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1.
- SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER MANUFACTURER. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.
- SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
- SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
- SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
- ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
- ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
- ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY AND STATE.
- THE CITY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.
- THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.



SECTION VIEW



FRONT VIEW

* REFER TO DNR TECH STANDARD #1062 FOR FURTHER DETAILS AND MAINTENANCE REQUIREMENTS

1
1
STONE WEEPER
NOT TO SCALE

SEEDING RATES:

TEMPORARY:

- USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
- USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 15.

PERMANENT:
SEE LANDSCAPE PLAN.

FERTILIZING RATES:

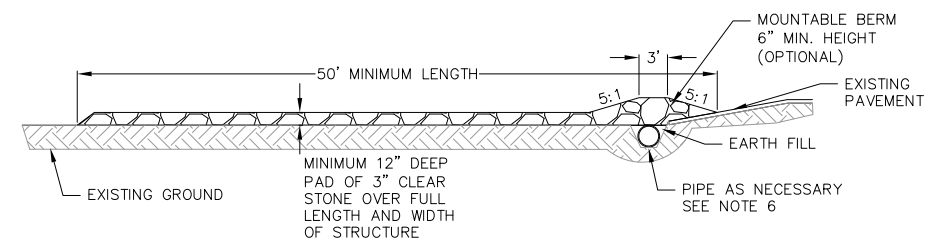
TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

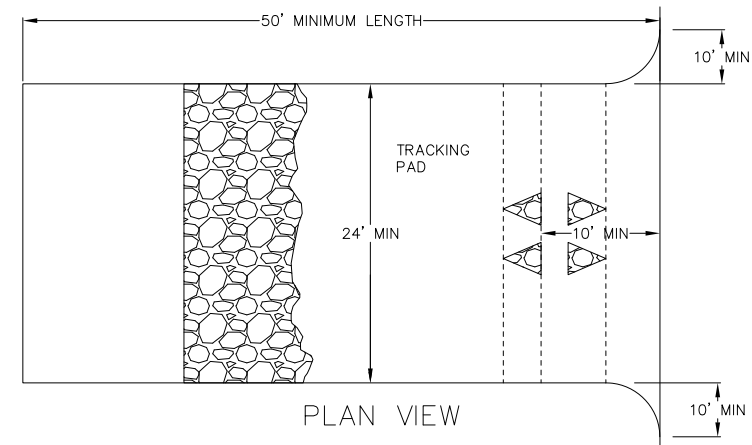
TEMPORARY AND PERMANENT:
USE 1/2" TO 1-1/2" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

CONSTRUCTION SEQUENCE:

- INSTALL EROSION CONTROL MEASURES
- CONDUCT DEMOLITION
- STRIP TOPSOIL (UNWORKED AREAS MAY REMAIN NON-STABILIZED FOR A MAXIMUM OF 14 DAYS)
- ROUGH GRADE SITE
- CONSTRUCT UNDERGROUND UTILITIES
- INSTALL INLET PROTECTION IN NEW INLETS
- CONSTRUCT BUILDING
- CONSTRUCT PAVEMENT
- FINAL GRADE AND PERMANENTLY RESTORE DISTURBED AREAS
- REMOVE EROSION CONTROL MEASURES AFTER DISTURBED AREAS ARE 70% RESTORED OR PAVED.



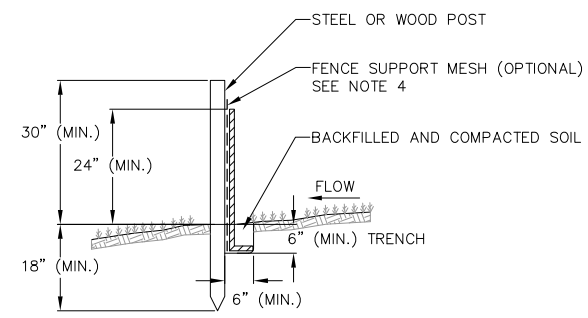
PROFILE VIEW



PLAN VIEW

- FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
- LENGTH - MINIMUM OF 50'.
- WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- ON SITES WITH A HIGH GROUNDWATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
- STONE - CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
- SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
- LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

1
1
TRACKING PAD
NOT TO SCALE



1
1
SILT FENCE
NOT TO SCALE

- NOTES:**
- INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
 - CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
 - POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)
POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
 - SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

NOT FOR CONSTRUCTION

AMH
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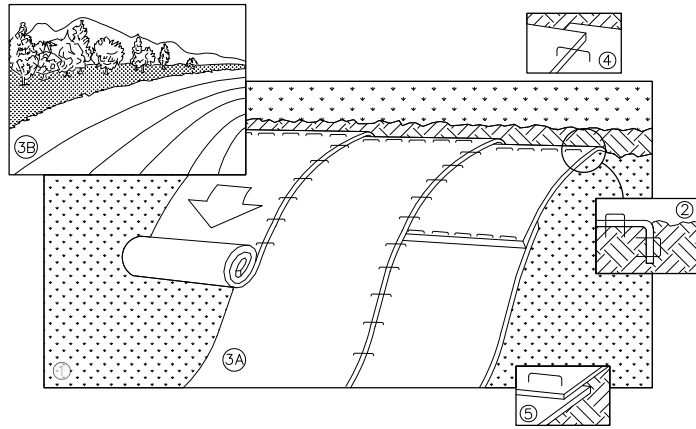
PROJECT:

ZOR SHRINE WEST
MADISON, WI

Date: 06/27/2022

ISSUE	DATE

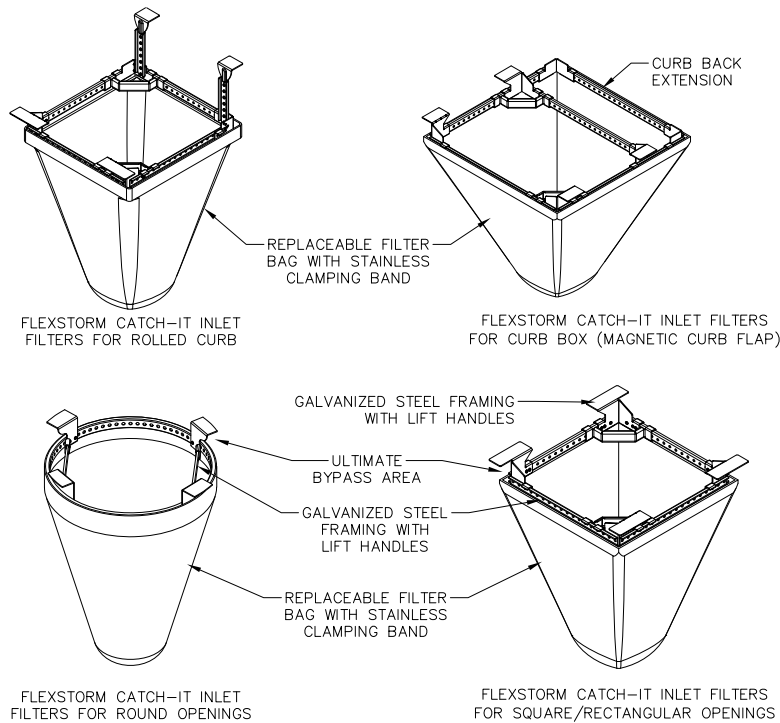
CONSTRUCTION
DETAILS - 1
SHEET TITLE
C700
SHEET NO.



NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. ROLL THE BLANKETS <A.> DOWN, OR <B.> HORIZONTALLY ACROSS THE SLOPE.
3. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
4. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
5. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

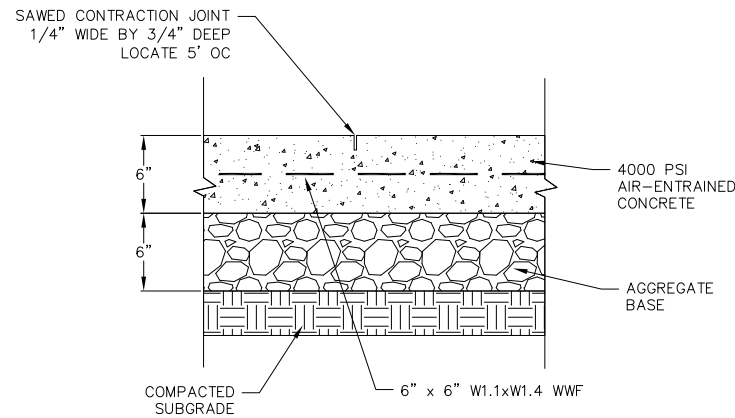
1 EROSION MAT
1 NOT TO SCALE



NOTES:

1. INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
2. WHEN REMOVING OR MAINTAINING INLET PROTECTION, ANY TRAPPED MATERIAL THAT FALLS INTO THE INLET SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

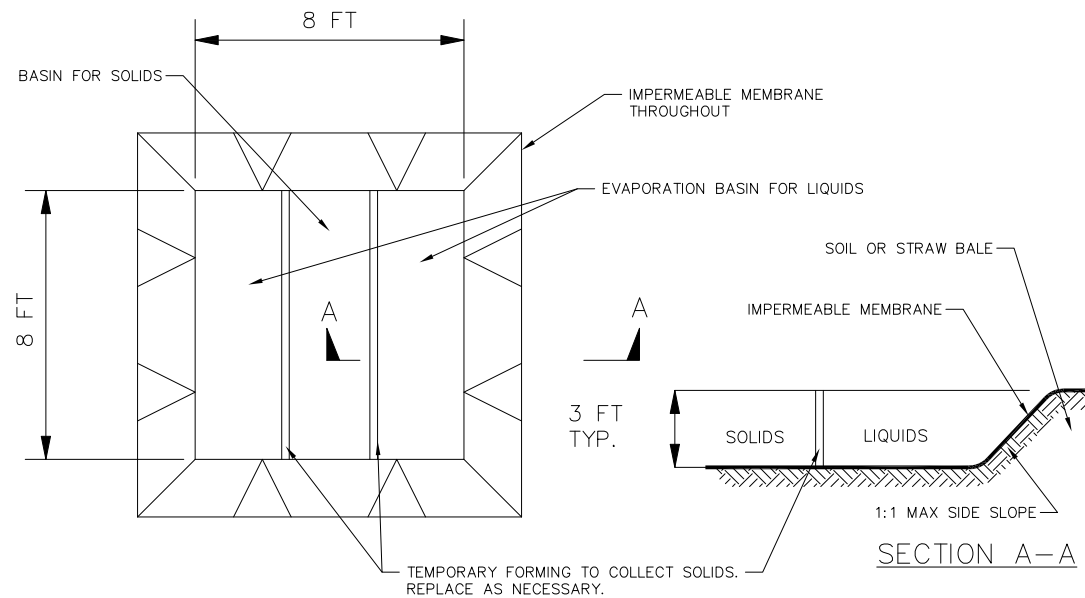
1 FRAMED INLET PROTECTION
1 NOT TO SCALE



1 CONCRETE PAD
1 NOT TO SCALE

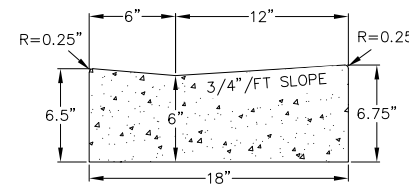
CONSTRUCTION SPECIFICATIONS

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
3. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

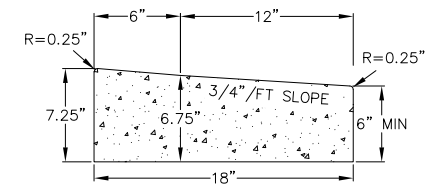


PLAN

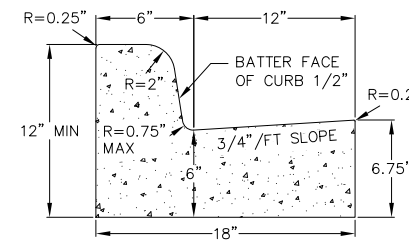
1 TEMPORARY CONCRETE WASHOUT
1 NOT TO SCALE



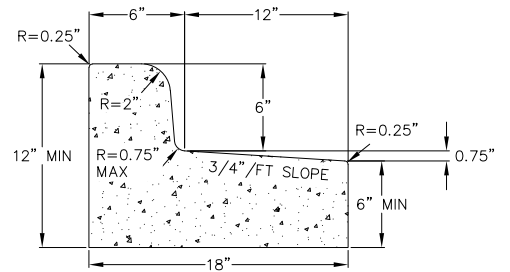
ACCESS RAMP
GUTTER CROSS SECTION



ACCESS RAMP
GUTTER REJECT SECTION

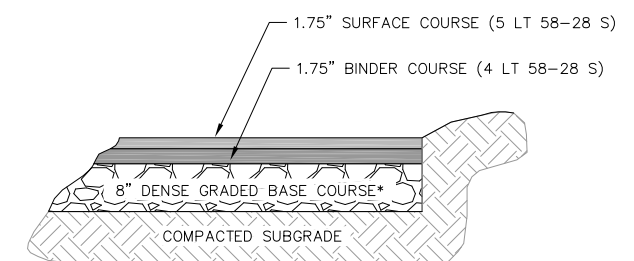


CURB AND GUTTER
CROSS SECTION



CURB AND GUTTER
REJECT SECTION

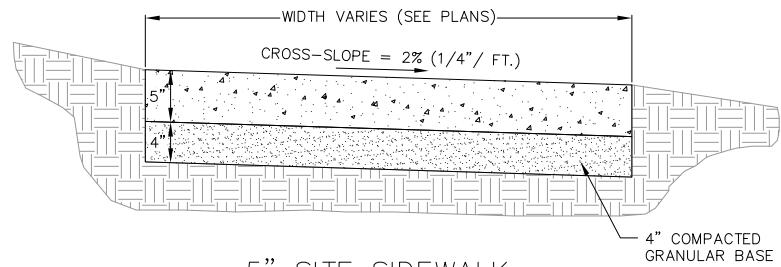
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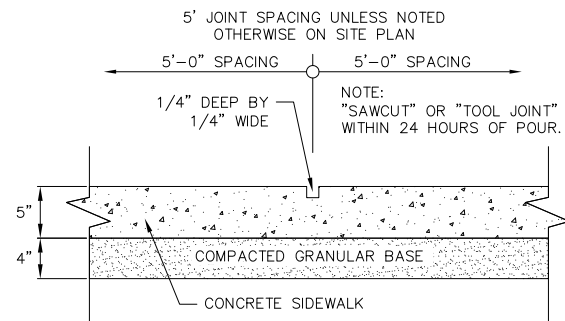
*THE UPPER 4" SHOULD CONSIST OF 1 1/4" DENSE GRADED BASE; THE BOTTOM PART OF THE LAYER CAN CONSIST OF 3" DENSE GRADED BASE

1 SITE PAVEMENT
1 NOT TO SCALE

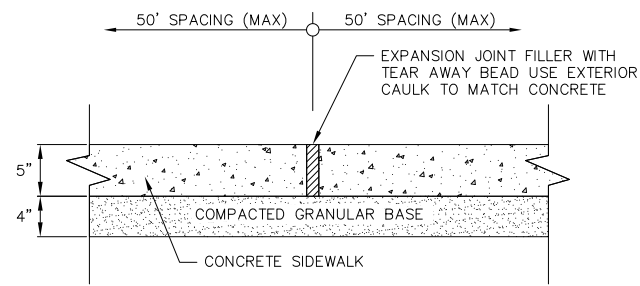
NOT FOR CONSTRUCTION



5" SITE SIDEWALK

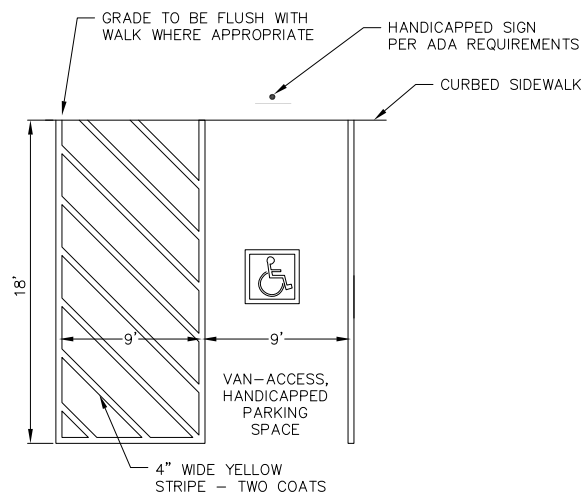


SIDEWALK CONTROL JOINT



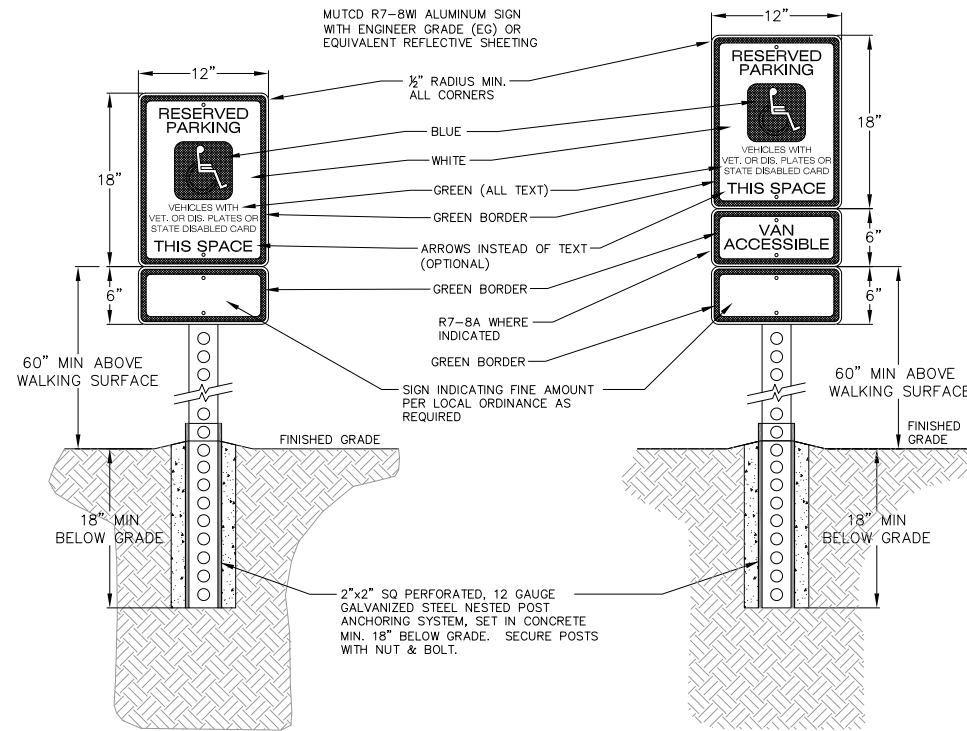
SIDEWALK EXPANSION JOINT

1 5" SIDEWALK
1 NOT TO SCALE

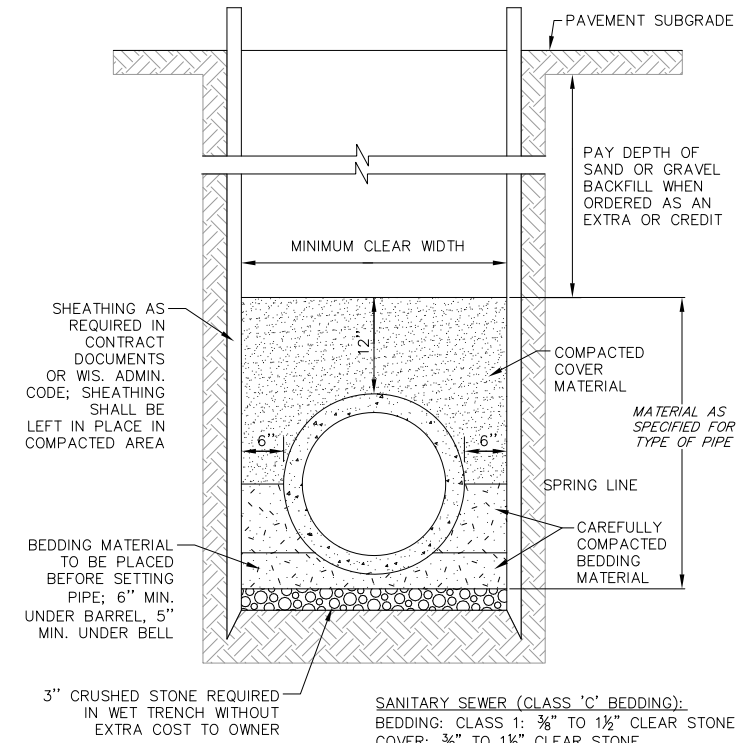


1 HANDICAP STRIPING
1 NOT TO SCALE

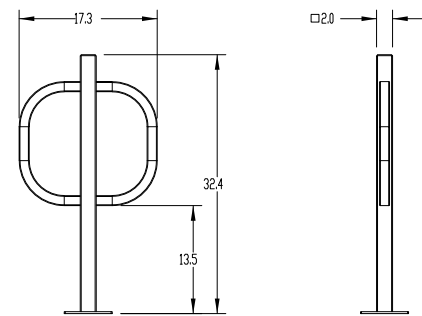
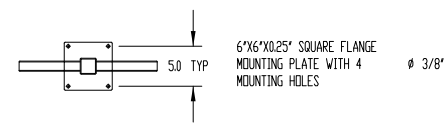
NOTE:
SIGN TO BE CENTERED ON PARKING SPACE



1 ADA SIGN
1 NOT TO SCALE



1 STANDARD TRENCH SECTION
1 NOT TO SCALE



NOTES:

- DO NOT SCALE DRAWING.
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- TOTAL WEIGHT: 21.98LBS



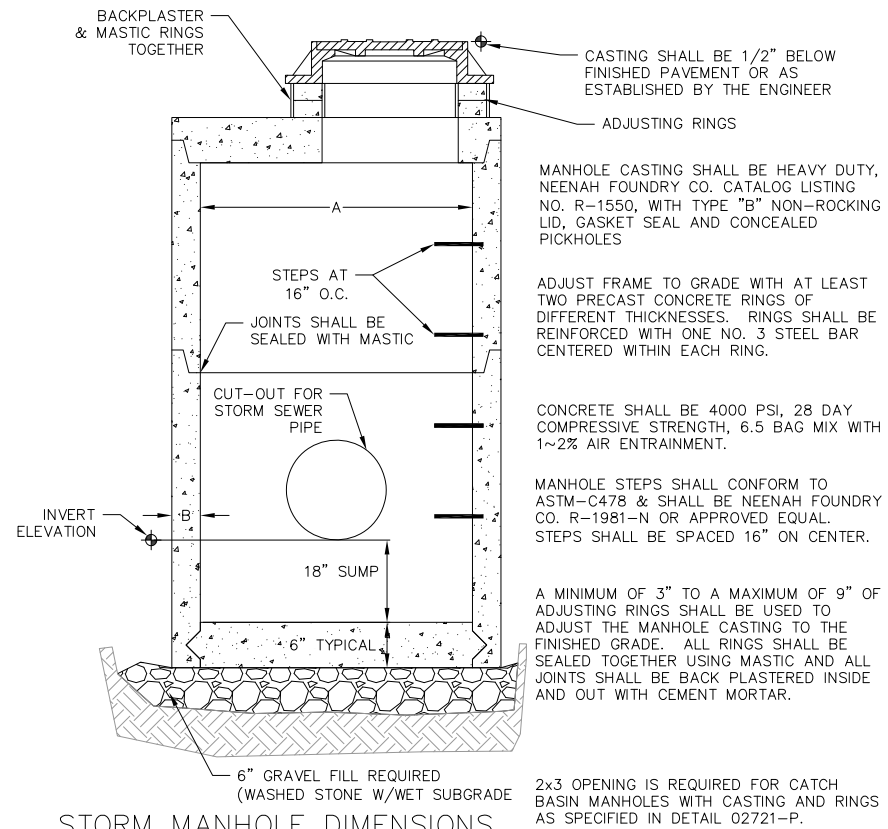
5253 VERONA ROAD, MADISON WI, 53711
1-800-783-7257 / WWW.SARIS.COM

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TITLE: POST AND RING RACK

1 BIKE RACK DETAIL
1 NOT TO SCALE

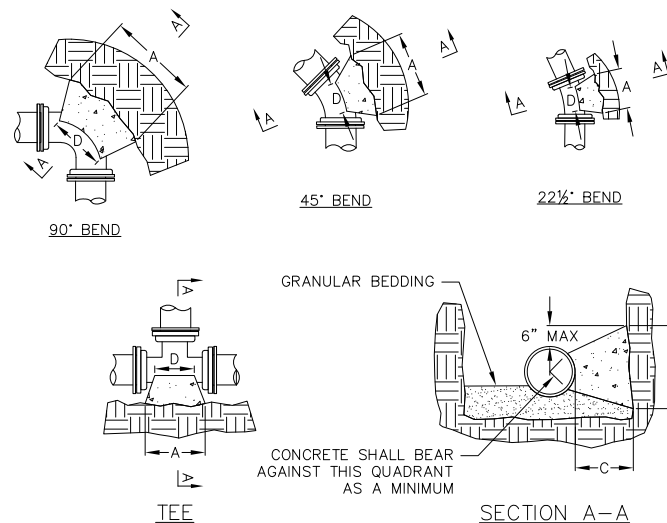
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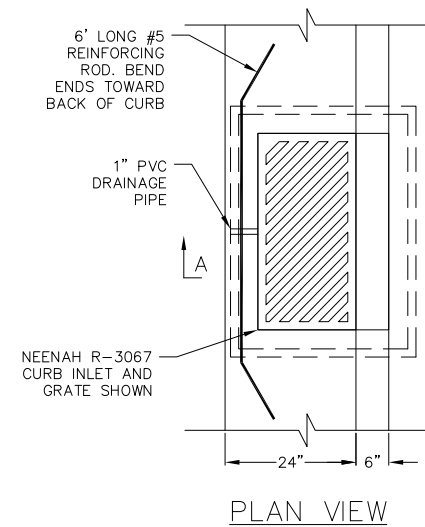
STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

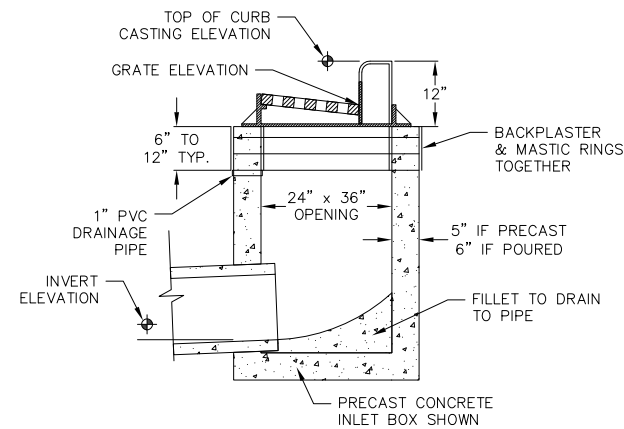
1 STORM SEWER MANHOLE CATCH BASIN
1 NOT TO SCALE



1 BUTTRESS FOR BENDS
1 NOT TO SCALE



PLAN VIEW



SECTION A-A

1 RECTANGULAR STREET INLET
1 NOT TO SCALE

NOTES:
- TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.

- THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.

- THE CASTING SHALL BE NEENAH FOUNDRY R-3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.

- FRAME ADJUSTING RINGS SHALL BE AT LEAST TWO CONCRETE RINGS OF VARIABLE THICKNESS. MASTIC BETWEEN RINGS AND BACKPLASTER A SMOOTH LAYER OF GROUT OVER THE ENTIRE INNER AND OUTER SURFACES OF THE RINGS.

DIMENSION "D" SHALL BE AS LARGE AS POSSIBLE, BUT THE CONCRETE SHALL NOT INTERFERE WITH THE MECHANICAL JOINTS.

DIMENSION "C" SHALL BE AT LEAST 6 INCHES, AND LARGE ENOUGH TO MAKE THE "Q" ANGLE EQUAL TO OR GREATER THAN 45 DEGREES WITH THE DIMENSION "A" AS SHOWN ON THE TABLE, OR GREATER, AND WITH DIMENSION "D" AS LARGE AS POSSIBLE.

CONCRETE SHALL BE CLASS "C", SEE SECTION 03301

PIPE SIZE	BUTTRESS DIMENSIONS							
	TEES		22.5° BEND		45° BEND		90° BEND	
	A	B	A	B	A	B	A	B
4	0'-10"	1'-6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
6	1'-6"	1'-8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
8	1'-9"	2'-4"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
10	1'-9"	2'-4"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
12	2'-3"	1'-7"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
16	3'-8"	2'-10"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"
20	5'-0"	3'-10"	3'-6"	3'-0"	5'-4"	3'-10"	8'-0"	4'-8"
24	5'-4"	4'-8"						

DIMENSIONS IN THE TABLE ARE BASED ON A WATER PRESSURE OF 150 PSI AND SOIL RESISTANCE OF 2000 LBS/SQ FT

* = FOR TEE THIS WILL BE THE BRANCH PIPE

NOT FOR CONSTRUCTION

PLANT MATERIAL NOTES:

- ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z60.1.
- ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY AND SIZE SPECIFIED, NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
- CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
- ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY AND FLOURISHING CONDITION DURING THE GROWING SEASON FOLLOWING INSTALLATION. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM THE TIME OF INSTALLATION.

LANDSCAPE MATERIAL NOTES:

- CONTRACTOR SHALL PROVIDE A SUITABLE AMENDED TOPSOIL BLEND FOR ALL PLANTING AREAS WHERE SOIL CONDITIONS ARE UNSUITABLE FOR PLANT GROWTH. TOPSOIL SHALL CONFORM TO QUALITY REQUIREMENTS AS PER SECTION 625.2(1) OF THE "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION." PROVIDE A MINIMUM OF 18" OF TOPSOIL IN ALL PLANTING AREAS AND 6" OF TOPSOIL IN AREAS TO BE SEEDED/SODDED.
- LANDSCAPE BEDS TO BE MULCHED WITH UNDYED SHREDDED HARDWOOD BARK MULCH TO 3" DEPTH MIN. AND EDGED WITH COMMERCIAL GRADE ALUMINUM LANDSCAPE EDGING, PERMALOC CLEANLINE 3/8"x4" OR EQUAL, COLOR BLACK ANODIZED.
- ALL TREES AND/OR SHRUBS PLANTED IN LAWN AREAS TO BE INSTALLED WITH A 5' DIAMETER MULCH RING AND SHOVEL CUT EDGE. A PRE-EMERGENT GRANULAR HERBICIDE WEED-PREVENTER SHOULD BE MIXED WITH MULCH AS WELL AS TOPICALLY APPLIED TO TREE RING.

SEEDING AND PLUG PLANTING NOTES:

- ALL DISTURBED AREAS, UNLESS OTHERWISE NOTED, TO BE SEEDED WITH 'MADISON PARKS' MIX BY 'LACROSSE SEED COMPANY' OR EQUIVALENT, PER MANUFACTURER'S SPECIFIED APPLICATION RATES. ALL SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY 1/2" WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE.

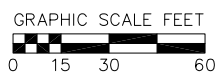
City of Madison Landscape Worksheet						
Address:	575 Zor Shrine Pl	Date:	06.27.2022			
Total Square Footage of Developed Area:	77,828	-	37,505	=	40,323	sf
	(Site Area)		(Building Footprint at Grade)			
Total Landscape Points Required (<5 ac):	40,323	/ 300 =	134	x 5 =	672	
Landscape Points Required >5 ac:		/ 100 =	0	x 1 =	-	672
Plant Type/ Element	Min. Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2.5" cal	35		0	13	455
Tall Evergreen Tree	5-6 feet tall	35		0	0	0
Ornamental tree	1.5" cal	15		0	14	210
Upright evergreen shrub	3-4 feet tall	10		0	44	440
Shrub, deciduous	#3 gallon	3		0	45	135
Shrub, evergreen	#3 gallon	4		0	37	148
Ornamental grasses/perennials	#1 gallon	2		0	135	270
Ornamental/decorative fencing or wall	n/a	4 per 10 LF		0	0	0
Existing significant specimen tree	Min. Size 2.5" cal.	14 per caliper inch.		0	0	0
Landscape Furniture for public seating and/or transit connections		5 points per "seat"		0	0	0
Sub Totals				0	1658	
				Total Points Provided:	1658	

GROUNDCOVER SCHEDULE

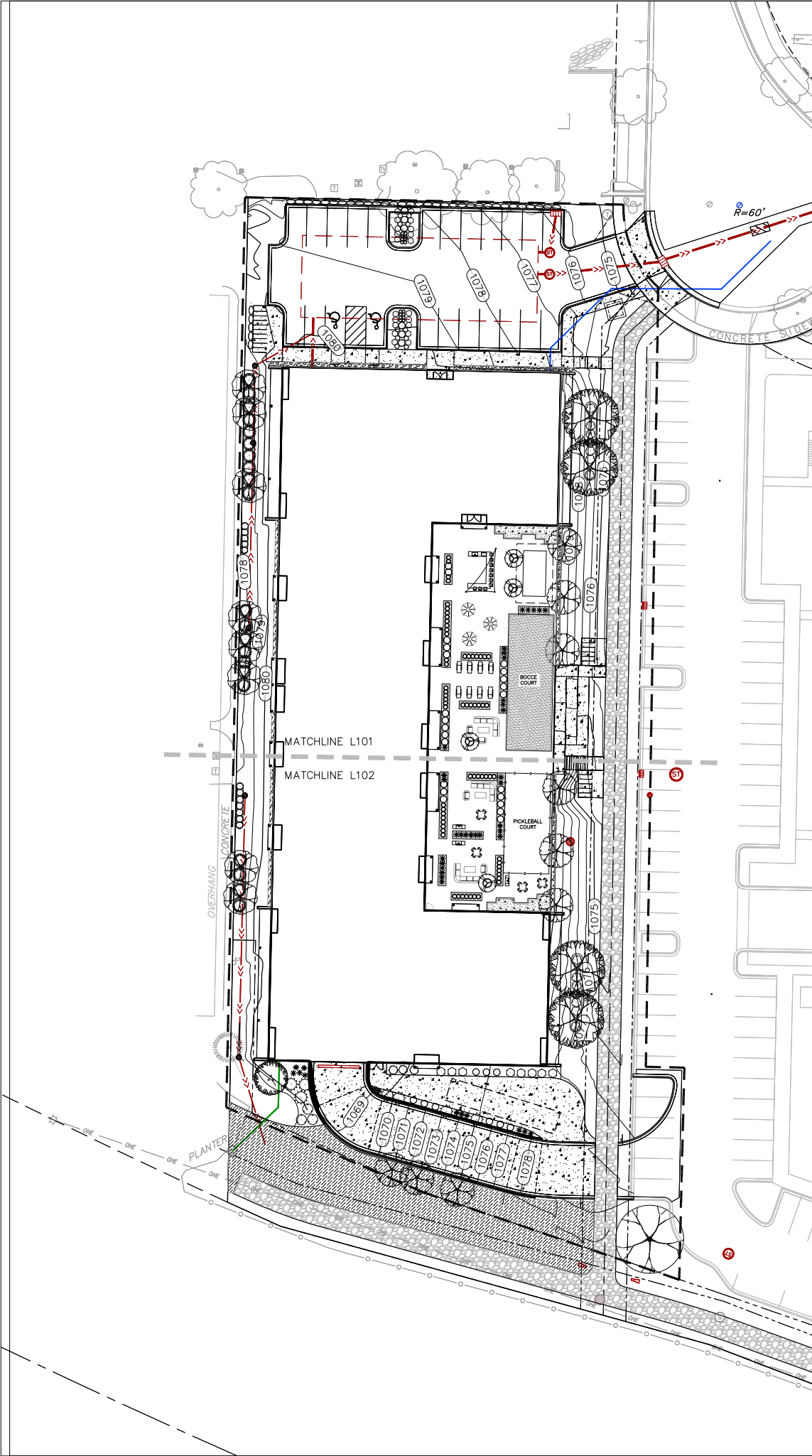
	SHORTGRASS PRAIRIE SEED MIX	4,613 sf
	ROOF DECK PLANTER- LOW MIX	247 sf
	STONE MAINTENANCE STRIP	598 sf
	DECOMPOSED GRANITE BOCCIE SURFACE	1,121 sf

PLANT SCHEDULE

CANOPY TREES	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
AA	Acer x freemanii 'Armstrong' / Armstrong Freeman Maple	B & B	2.5" Cal		8
GT	Gleditsia triacanthos inermis 'Shademaster' TM / Shademaster Locust	B & B	2.5" Cal		4
QB	Quercus bicolor / Swamp White Oak	B & B	2.5" Cal		1
UNDERSTORY TREES	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
AG	Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry	B & B	6' ht.	Multi-Stem	1
MF	Malus sargentii 'Select A' TM / Firebird Sargent Crabapple	Cont.	10 gal		4
MC	Malus x 'Cardinal' / Cardinal Crabapple	B & B	1.5" Cal		2
MM	Malus x 'Malusquest' TM / Pink Sparkles Crabapple	B & B	1.5" Cal		2
MP	Malus x 'Prairie Maid' / Prairie Maid Crabapple	B & B	1.5" Cal		2
MS	Malus x 'Spring Snow' / Spring Snow Crabapple	B & B	1.5" Cal		3
DECIDUOUS SHRUBS	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
DI	Diervilla lonicera / Dwarf Bush Honeysuckle	Cont.	3 Gal.		14
Hpj	Hydrangea paniculata 'Jane' TM / Little Lime Hydrangea	Cont.	5 Gal.		8
Sj	Spiraea japonica 'Magic Carpet' / Magic Carpet Spirea	Cont.	3 Gal.		20
Vd	Viburnum dentatum 'Little Joe' / Little Joe Viburnum	Cont.	5 Gal.		3
EVERGREEN SHRUBS	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
Jp	Juniperus procumbens 'Nana' / Dwarf Japanese Garden Juniper	Cont.	5 Gal.		7
Js	Juniperus sabinia 'Blue Forest' / Blue Forest Juniper	Cont.	5 Gal.		3
Tt	Taxus x media 'Tauntonii' / Tauntoni's Anglo-Japanese Yew	Cont.	5' ht.		21
Tom	Thuja occidentalis 'Hetz Midget' / Hetz Midget Arborvitae	Cont.	5 Gal.		6
Toh	Thuja occidentalis 'Holmstrup' / Holmstrup Cedar	B & B	5' ht.		44
PERENNIALS	BOTANICAL / COMMON NAME	ROOT COND.	SIZE	NOTES	QTY
am	Amsonia x 'Blue Ice' / Blue Ice Bluestar	Cont.	1 Gal.		12
ca	Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass	Cont.	1 Gal.		63
pvs	Panicum virgatum 'Shenandoah' / Shenandoah Red Switch Grass	Cont.	1 Gal.		44
ss	Schizachyrium scoparium / Little Bluestem Grass	Cont.	1 Gal.		16



NOT FOR CONSTRUCTION

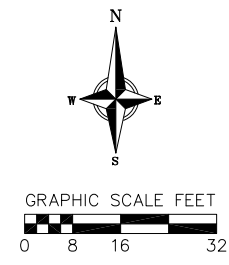
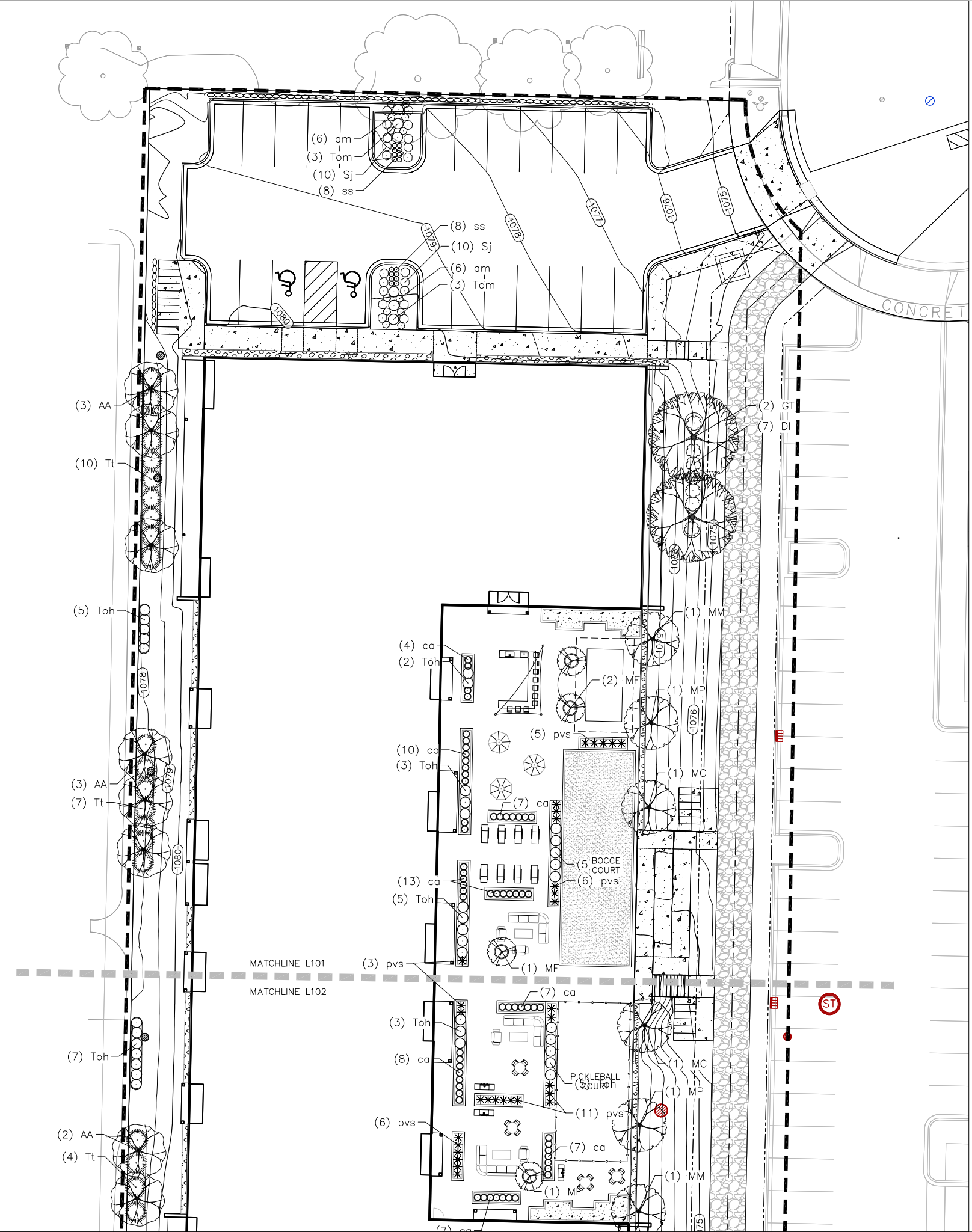


PLANT SCHEDULE

CANOPY TREES	BOTANICAL / COMMON NAME
GT	Gleditsia triacanthos 'inermis' 'Shademaster' TM / Shademaster Locust
QB	Quercus bicolor / Swamp White Oak
UNDERSTORY TREES	BOTANICAL / COMMON NAME
AG	Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry
MF	Malus sargentii 'Select A' TM / Firebird Sargent Crabapple
MC	Malus x 'Cardinal' / Cardinal Crabapple
MM	Malus x 'Malusquest' TM / Pink Sparkles Crabapple
MP	Malus x 'Prairie Maid' / Prairie Maid Crabapple
MS	Malus x 'Spring Snow' / Spring Snow Crabapple
DECIDUOUS SHRUBS	BOTANICAL / COMMON NAME
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Hpj	Hydrangea paniculata 'Jane' TM / Little Lime Hydrangea
Sj	Spiraea japonica 'Magic Carpet' / Magic Carpet Spirea
Vd	Viburnum dentatum 'Little Joe' / Little Joe Viburnum
EVERGREEN SHRUBS	BOTANICAL / COMMON NAME
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ss	Schizachyrium scoparium / Little Bluestem Grass

GROUNDCOVER SCHEDULE

	SHORTGRASS PRAIRIE SEED MIX
	ROOF DECK PLANTER- LOW MIX
	STONE MAINTENANCE STRIP
	DECOMPOSED GRANITE BOCCIE SURFACE



NOT FOR CONSTRUCTION

PLANT SCHEDULE

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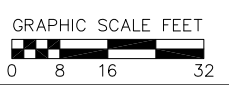
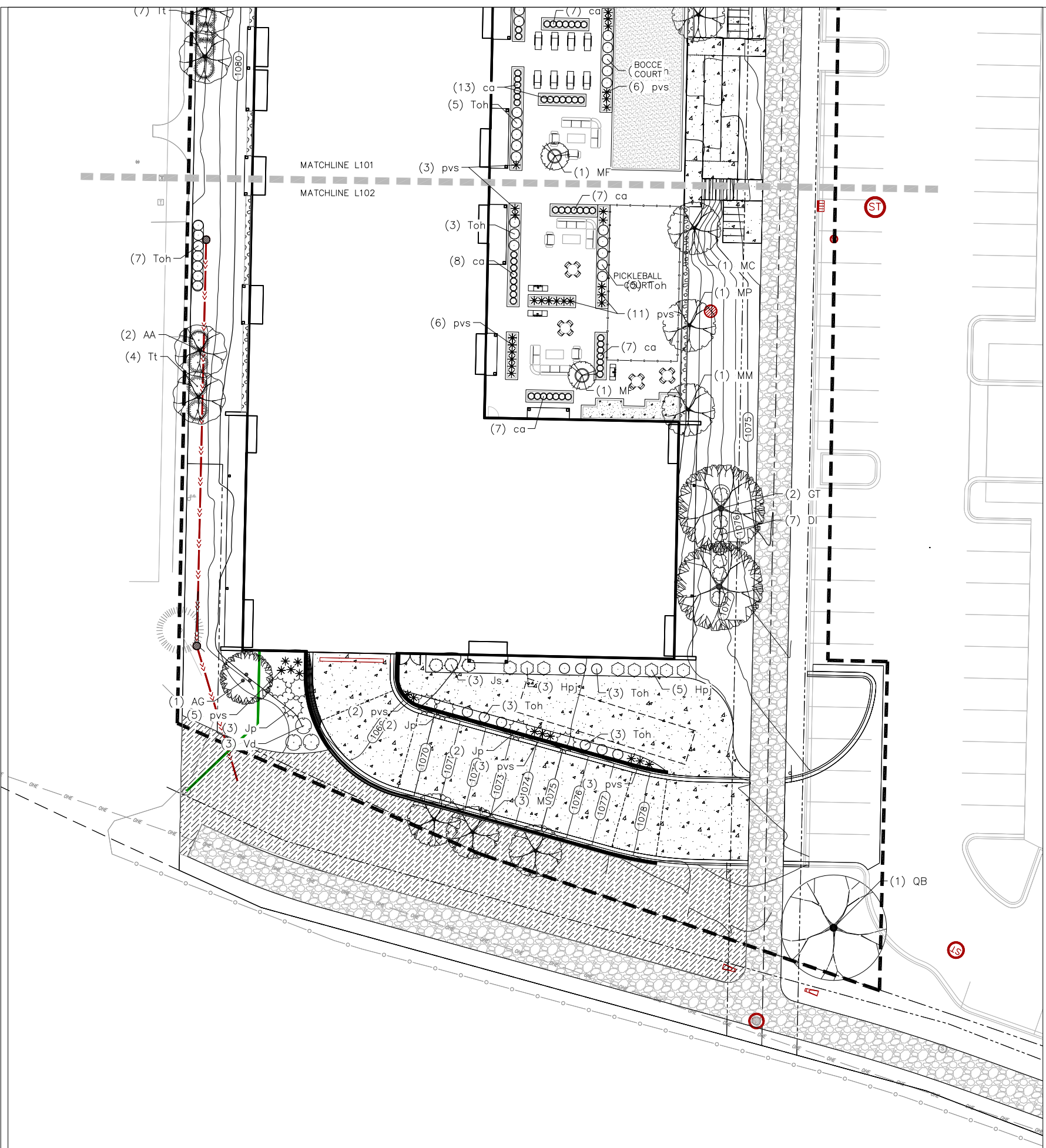
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Hpj	Hydrangea paniculata 'Jane' TM / Little Lime Hydrangea
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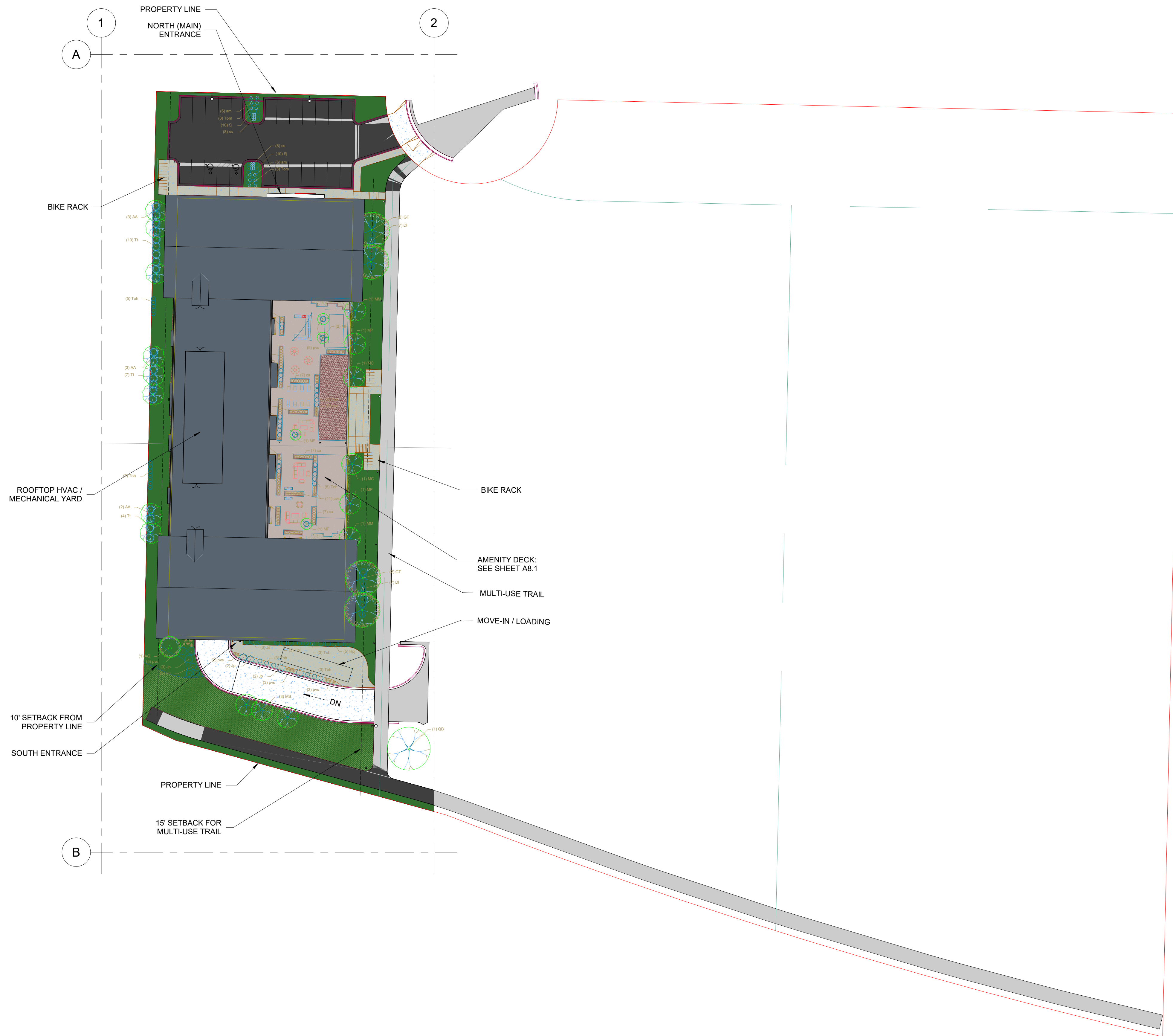
GROUNDCOVER SCHEDULE

	SHORTGRASS PRAIRIE SEED MIX
	ROOF DECK PLANTER- LOW MIX
	STONE MAINTENANCE STRIP
	DECOMPOSED GRANITE BOCCIE SURFACE



NOT FOR CONSTRUCTION

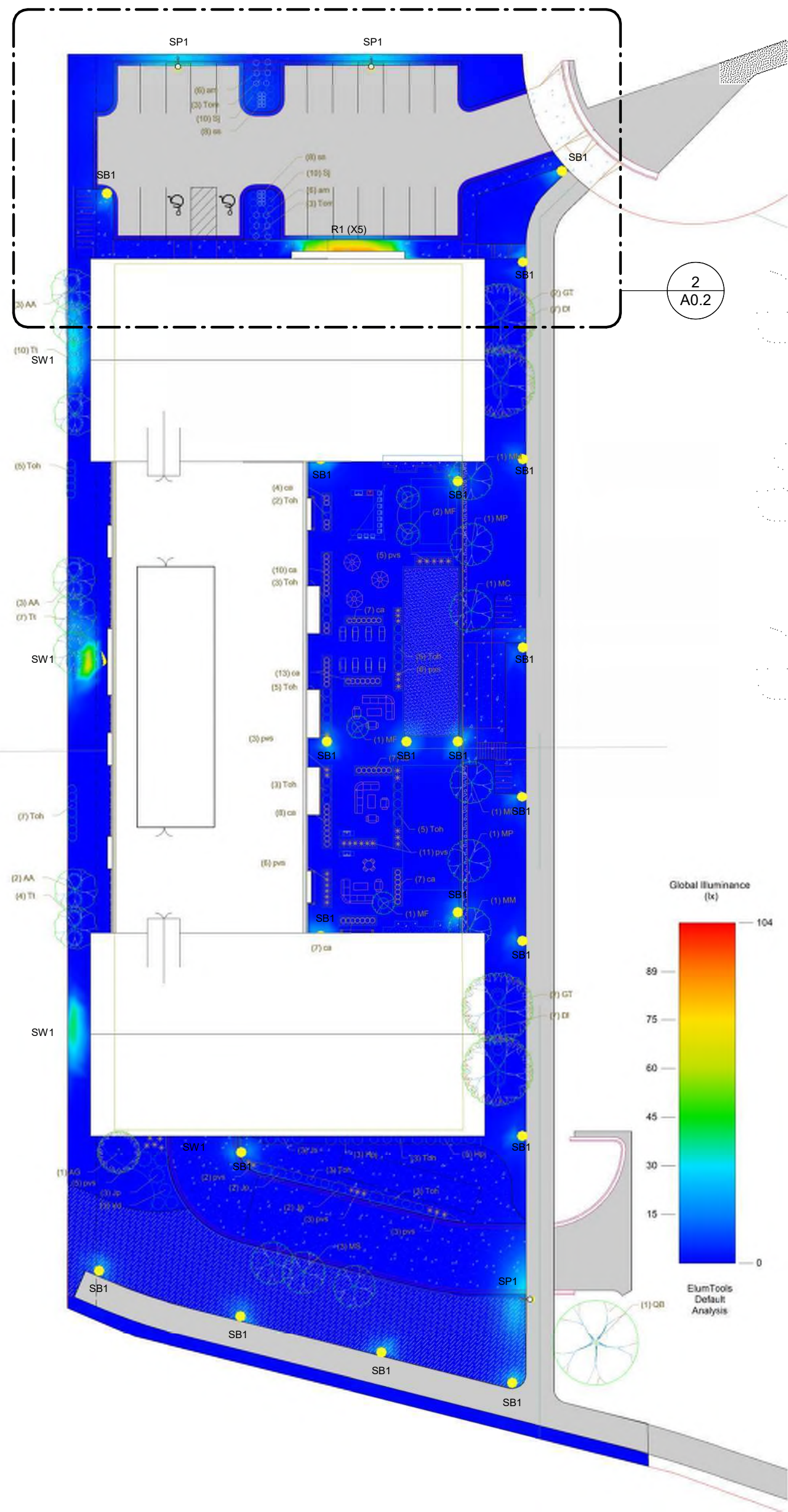
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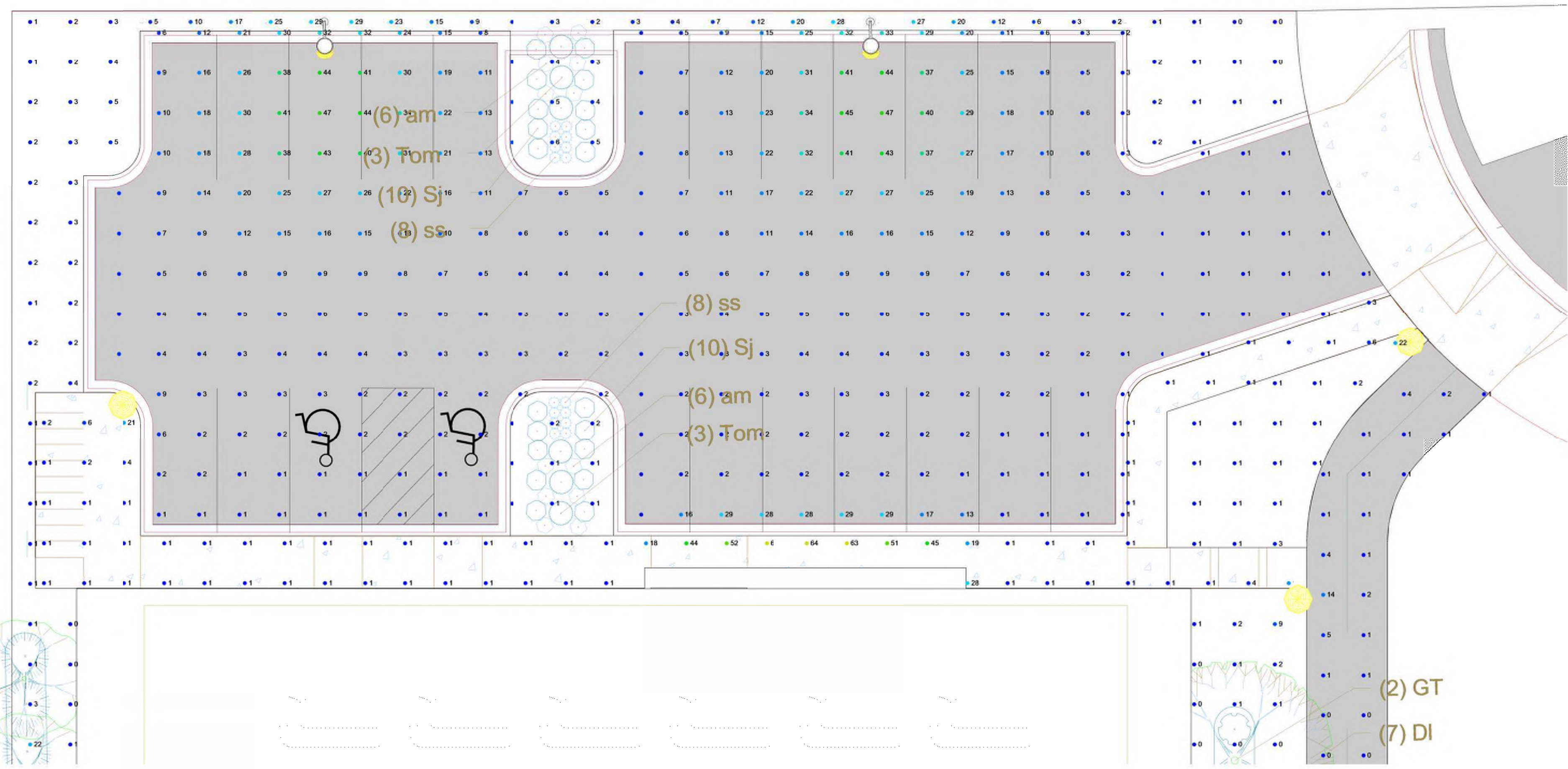
1 ARCHITECTURAL SITE PLAN
 A0.1 1" = 40'-0"



ISSUE	DATE



1 ARCHITECTURAL SITE PLAN
A0.2 1" = 40'-0"



2 ARCHITECTURAL SITE PLAN
A0.2 1" = 10'-0"

LUMINAIRE SCHEDULE										
Mark	Description	Mounting	Mounting Height	Lamp	Color	Lumens	Voltage	Wattage	Manufacturer	
R1	6" RECESSED DOWNLIGHT	RECESSED	N/A	LED	4000K	2000	120 V	24 W	BOD: LITHONIA LDN6	
SB1	42" HIGH BALLARD	CONCRETE BASE	N/A	LED	3000K	600	120 V	8 W	BOD: LUMIERE EON SERIES	
SP1	POLE MOUNT AREA LIGHT, TYPE R3 DISTRIBUTION	POLE	+20'-0" AFF	LED	4000K	6500	120 V	52 W	BOD: LITHONIA RSX1	
SW1	WALL PACK AREA LIGHT, FORWARD THROW DISTRIBUTION	WALL	+8'-0" AFF	LED	4000K	1200	120 V	10 W	BOD: LITHONIA WDGE1	



R1



SB1



SP1



SW1

Existing Site Context

DESIGN DRIVERS FROM SITE CONTEXT:

NATURAL MATERIALS

- Lap Siding
- Brick
- Stone
- Wood

GABLE ROOFS

CONTRASTED TRIM

ASPHALT SHINGLES

1



2



3



4



5



6



7



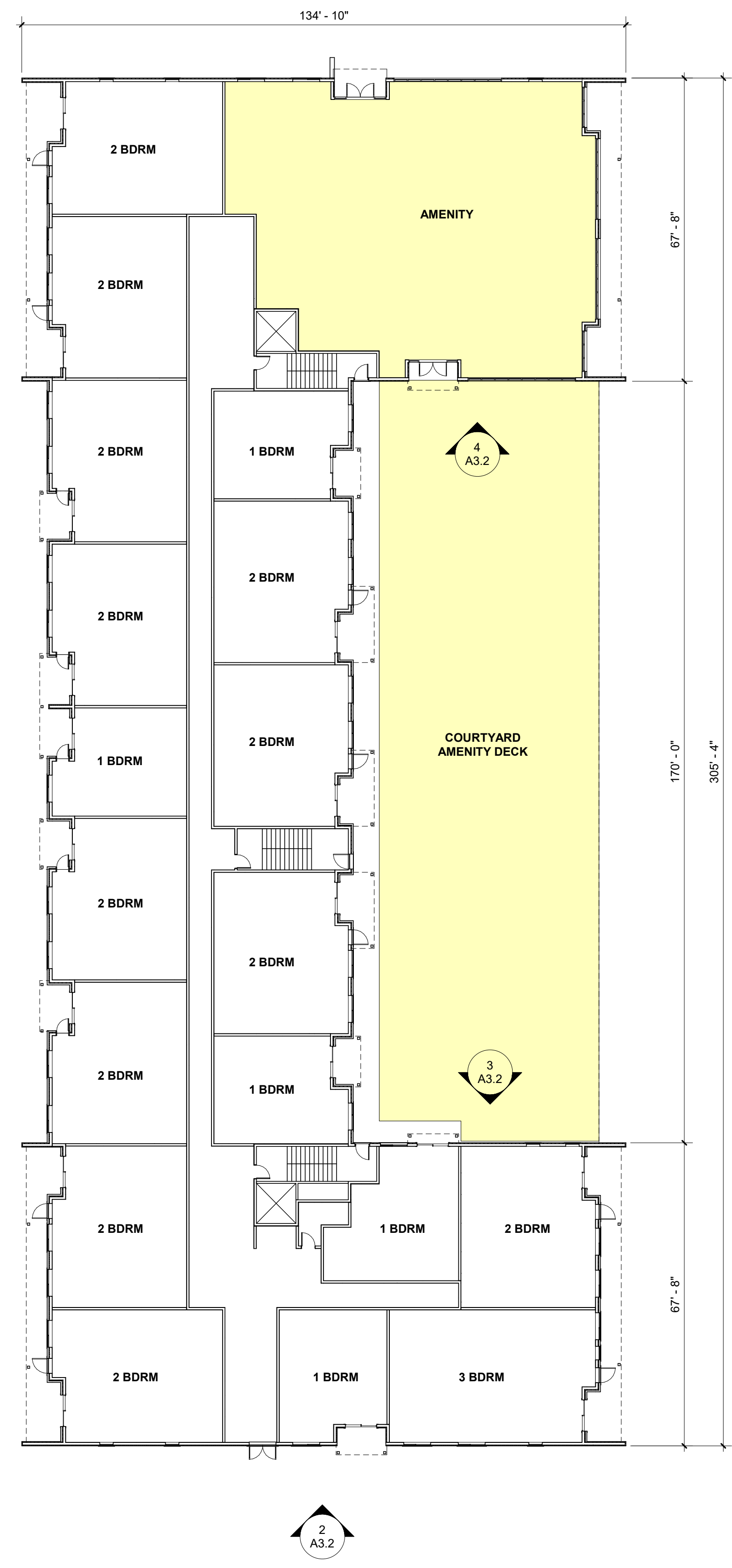
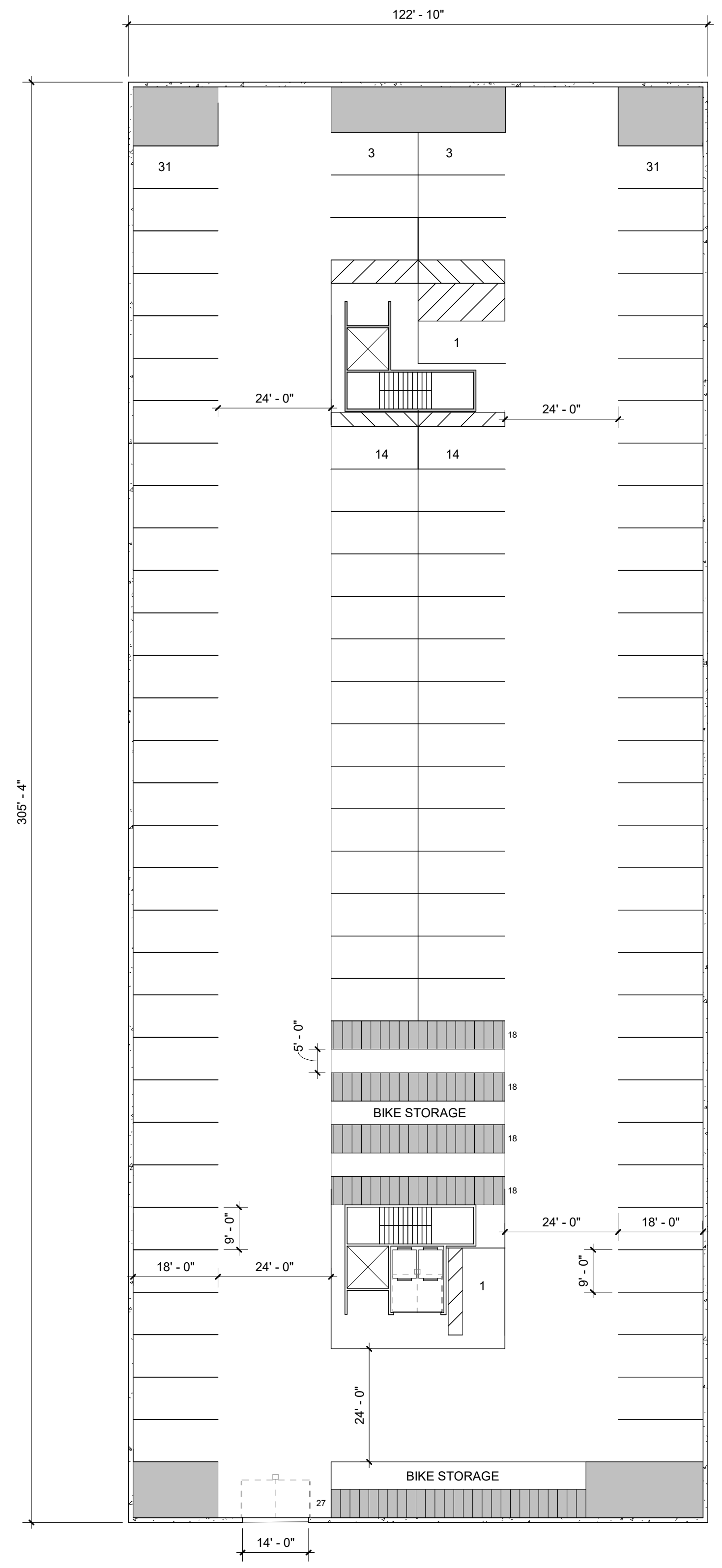
ISSUE	DATE

UNITS

TYPE	COUNT	SQFT	TOTAL SQFT
1 BEDROOMS	25	720	18,000
2 BEDROOMS	71	1,100	78,100
3 BEDROOMS	9	1,325	11,925
TOTAL			108,025

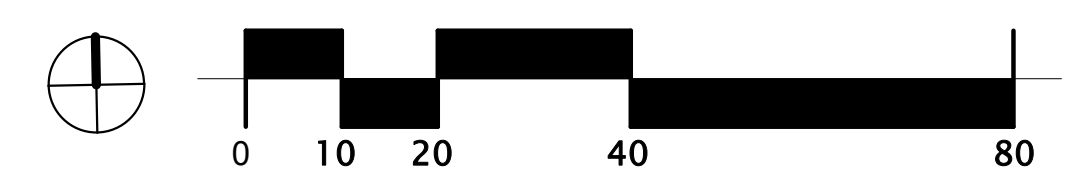
AMENITY

TYPE	COUNT	SQFT	TOTAL SQFT
LVL 1 AMENITY (INT)	1	4,780	4,780
LVL 1 AMENITY (EXT)	1	8,440	8,440
LVL 5 AMENITY (INT)	1	750	750
LVL 5 AMENITY (EXT)	1	500	500
TOTAL			14,470

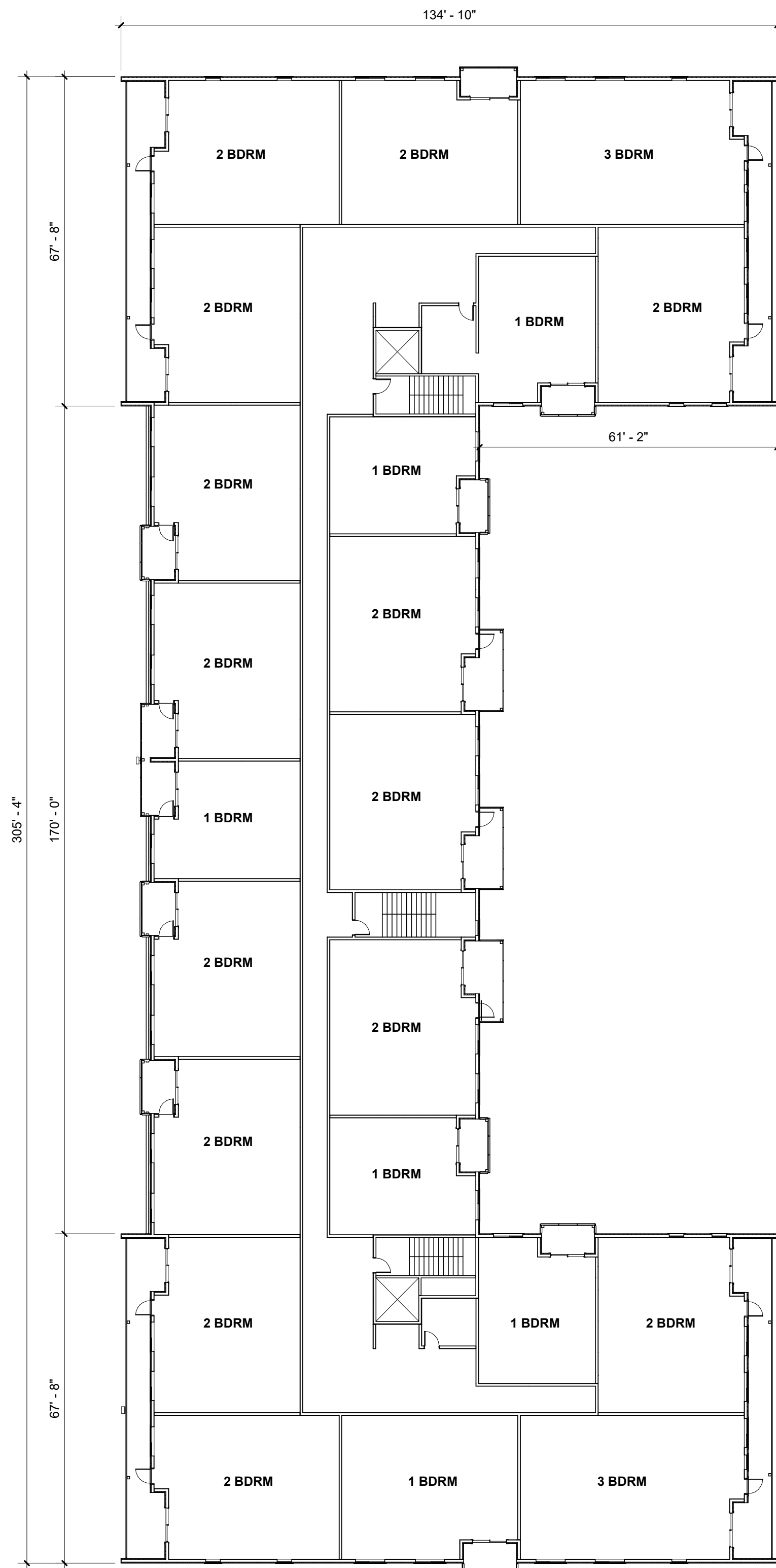


2 WP-P1
 A1.1 1" = 20'-0"

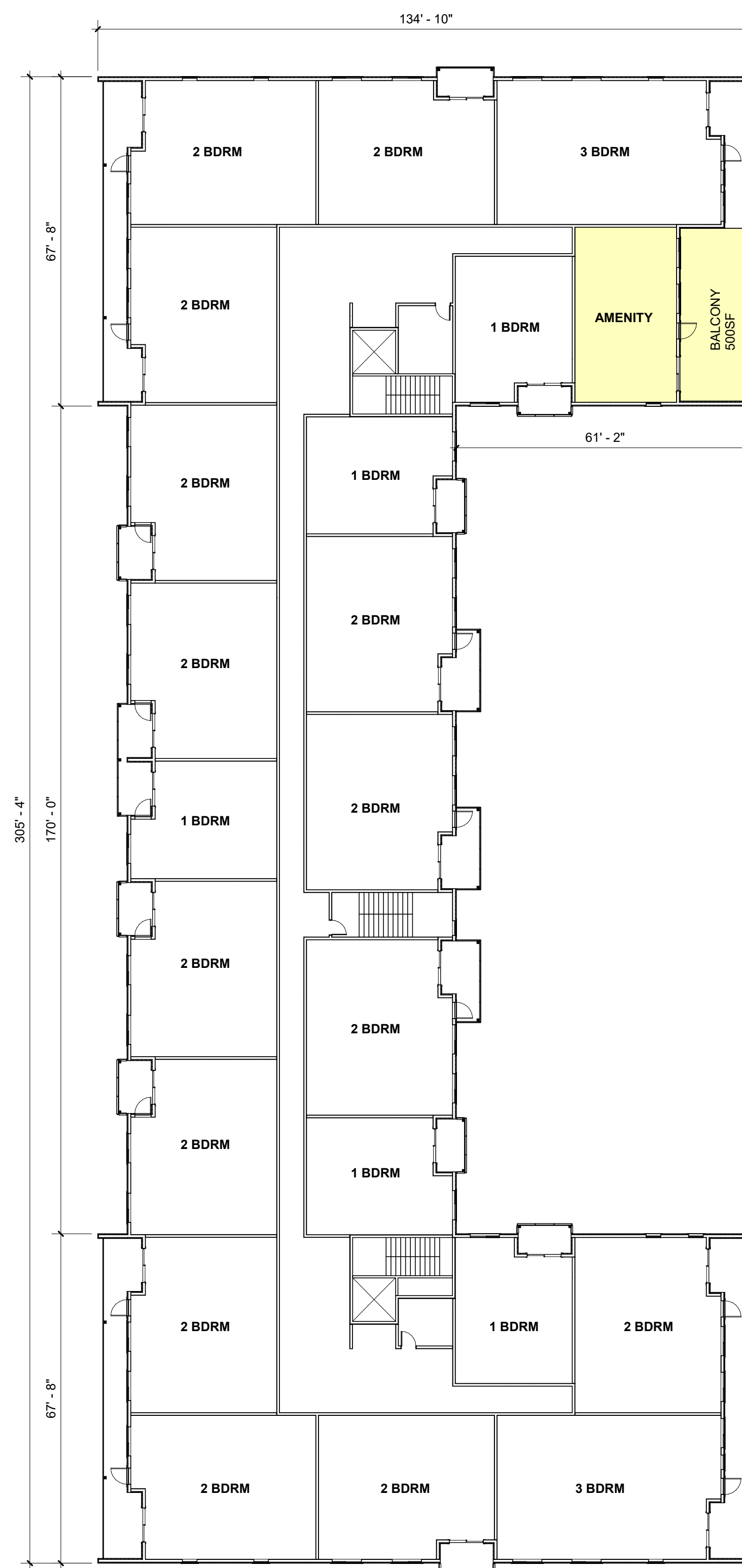
1 WP-01
 A1.1 1" = 20'-0"



ISSUE	DATE



1 TYPICAL FLOOR PLAN 2-4
 A1.2 1" = 20'-0"



2 FIFTH FLOOR PLAN
 A1.2 1" = 20'-0"

UNITS

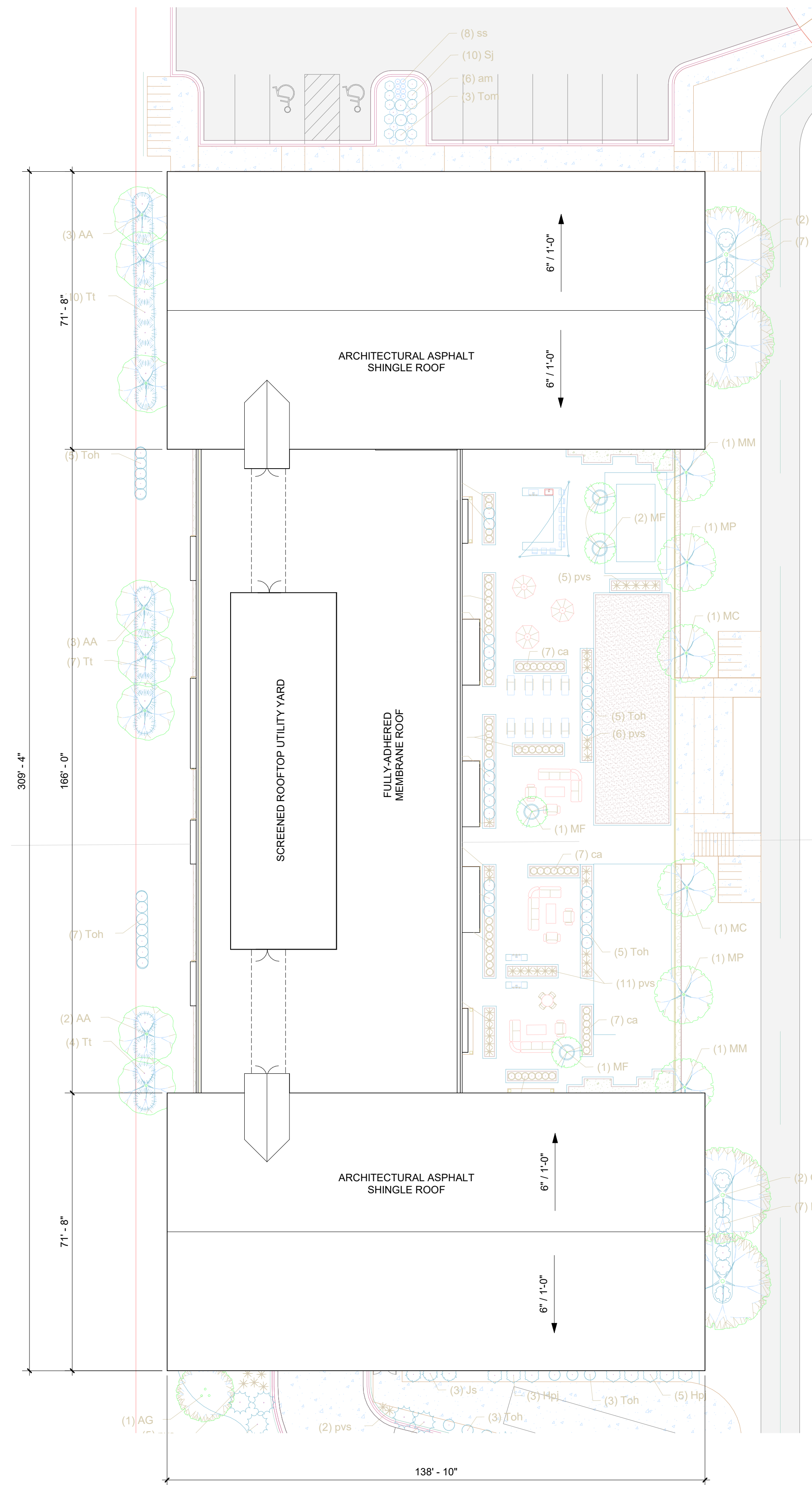
TYPE	COUNT	SQFT	TOTAL SQFT
1 BEDROOMS	25	720	18,000
2 BEDROOMS	71	1,100	78,100
3 BEDROOMS	9	1,325	11,925
TOTAL			108,025

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TYPE	COUNT	SQFT	TOTAL SQFT
LVL 1 AMENITY (INT)	1	4,780	4,780
LVL 1 AMENITY (EXT)	1	8,440	8,440
LVL 5 AMENITY (INT)	1	750	750
LVL 5 AMENITY (EXT)	1	500	500
TOTAL			14,470



ISSUE	DATE



1 ROOF / MECH PLAN
 A1.3 1" = 20'-0"

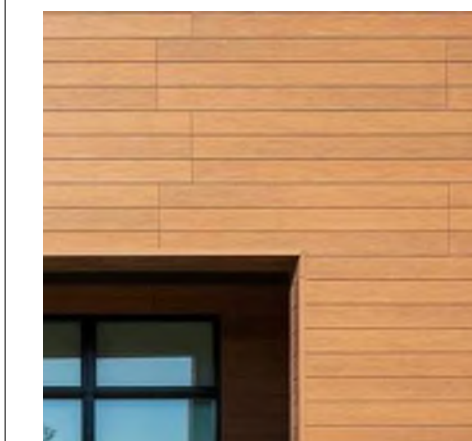
EXTERIOR MATERIAL KEYNOTES

- E2A LAP SIDING (COLOR: RAFTER BROWN; STYLE: SMOOTH 8 1/4"; BOD: HARDIEPLANK)
- E2B PANEL SIDING AT RECESSED BALCONIES (WOOD-LOOK PANELS - COLOR: VARIABLE CEDAR; STYLE; FIBER CEMENT PANEL 17 7/8"H IN STAGGERED PATTERN;)
- E2C STONE VENEER CLADDING (TBD)
- E2D 5/4 SMOOTH TRIM (COLOR: ARCTIC WHITE; STYLE; 3.5" FIBER CEMENT PANEL; BOD HARDI TRIM BOARD)
- E3 STOREFRONT SYSTEM IN PAINTED BLACK OR DARK BRONZE ANNOZIDED.
- E4 SCREENED BALCONIES.
- E5 PATTERNED PERFORATED METAL PANEL IN U-CHANNEL FRAME FOR MECHANICAL EQUIPMENT SCREENING.
- E6 ARCHITECTURAL ASPHALT SHINGLES (COLOR: PEWTER; BOD CERTAINTED LANDMARK SERIES)
- E7 EXPOSED STRUCTURAL GLULAM TRUSS.

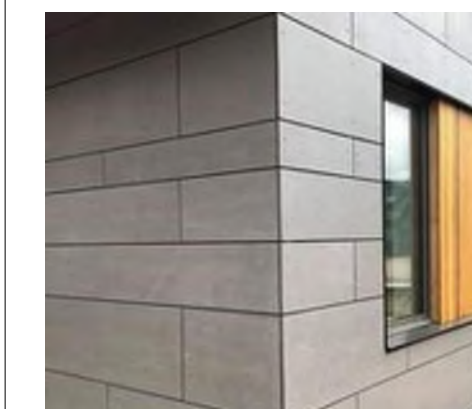
MATERIAL PALETTE



E2A FIBERCEMENT LAP SIDING



E2B FIBERCEMENT FAUX WOOD SIDING



E2C STONE VENEER CLADDING



E5 PERFORATED METAL SCREEN



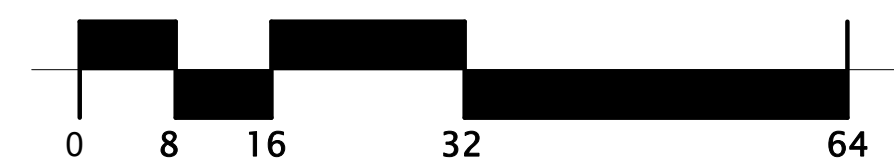
E7 EXPOSED GLULAM TRUSS



1 EAST ELEVATION
A3.1 1/16" = 1'-0"



2 WEST ELEVATION
A3.1 1/16" = 1'-0"



EXTERIOR MATERIAL KEYNOTES

- E2A LAP SIDING (COLOR: RAFTER BROWN; STYLE: SMOOTH 8 1/4", BOD: HARDIEPLANK)
- E2B PANEL SIDING AT RECESSED BALCONIES (WOOD-LOOK PANELS - COLOR: VARIABLE CEDAR; STYLE: FIBER CEMENT PANEL 17 7/8" IN STAGGERED PATTERN;)
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- E4 SCREENED BALCONIES.
- E5 PATTERNED PERFORATED METAL PANEL IN U-CHANNEL FRAME FOR MECHANICAL EQUIPMENT SCREENING.
- E6 ARCHITECTURAL ASPHALT SHINGLES (COLOR: PEWTER; BOD CERTAINTED LANDMARK SERIES)
- E7 EXPOSED STRUCTURAL GLULAM TRUSS.



4 NORTH COURTYARD ELEVATION
A3.2 1/16" = 1'-0"



1 NORTH ELEVATION
A3.2 1/16" = 1'-0"



3 SOUTH COURTYARD ELEVATION
A3.2 1/16" = 1'-0"

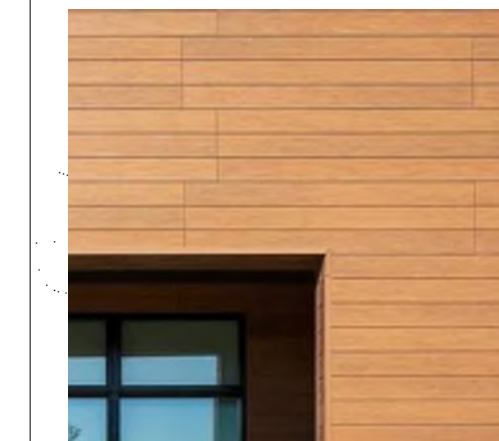


2 SOUTH ELEVATION
A3.2 1/16" = 1'-0"

MATERIAL PALETTE



E2A FIBERCEMENT LAP SIDING



E2B FIBERCEMENT FAUX WOOD SIDING



E2C STONE VENEER CLADDING



E5 PERFORATED METAL SCREEN



E7 EXPOSED GLULAM TRUSS

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

Name:
Alex Haecker, AIA
Signature:

License #: 48654
Date: 06/27/2022

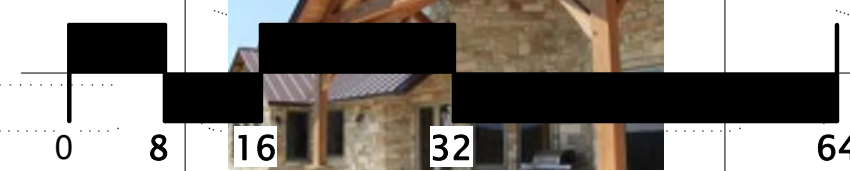
ISSUE	DATE

EXTERIOR ELEVATIONS - COLOR

SHEET TITLE

A3.2

SHEET





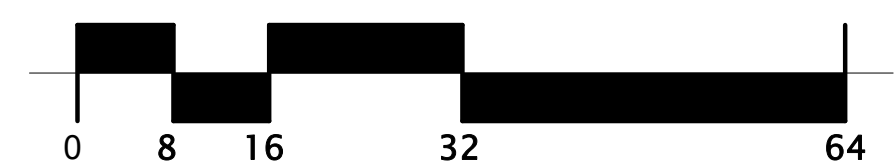
1 WEST ELEVATION (B&W)
 A3.3 1/16" = 1'-0"



2 EAST ELEVATION (B&W)
 A3.3 1/16" = 1'-0"

MATERIAL LEGEND

	FIBERCEMENT LAP SIDING
	FIBERCEMENT FAUX WOOD SIDING
	STONE VENEER CLADDING
	PERFORATED METAL SCREEN



ZOR SHRINE WEST
 MADISON, WI
NOT FOR CONSTRUCTION

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ISSUE	DATE

EXTERIOR ELEVATIONS - B&W

SHEET TITLE
 A3.3
 SHEET



1 NORTH COURTYARD ELEVATION (B&W)
 A3.4 1/16" = 1'-0"



2 NORTH ELEVATION (B&W)
 A3.4 1/16" = 1'-0"

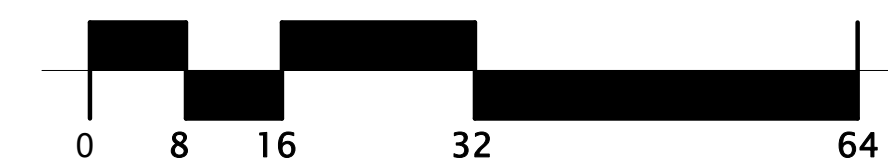


3 SOUTH COURTYARD ELEVATION (B&W)
 A3.4 1/16" = 1'-0"



4 SOUTH ELEVATION (B&W)
 A3.4 1/16" = 1'-0"

MATERIAL LEGEND	
	FIBERCEMENT LAP SIDING
	FIBERCEMENT FAUX WOOD SIDING
	STONE VENEER CLADDING
	PERFORATED METAL SCREEN



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 Alex Haecker, AIA
 Signature:

License #: 48654
 Date: 06/27/2022

ISSUE	DATE

EXTERIOR ELEVATIONS - B&W

SHEET TITLE
A3.4
 SHEET

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 Signature:

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 Date: 06/27/2022

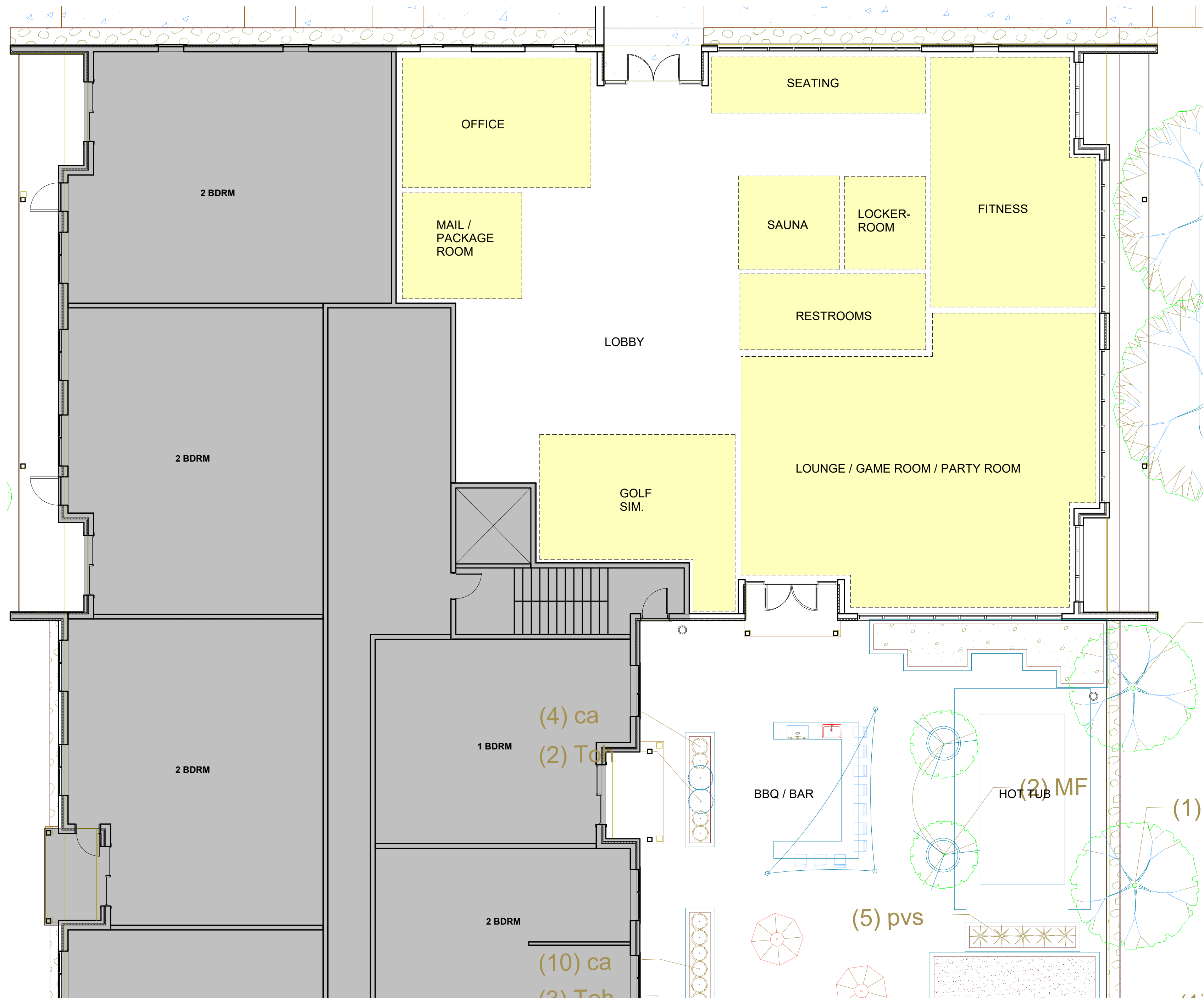
ISSUE	DATE

COURTYARD AND AMENITY SPACE

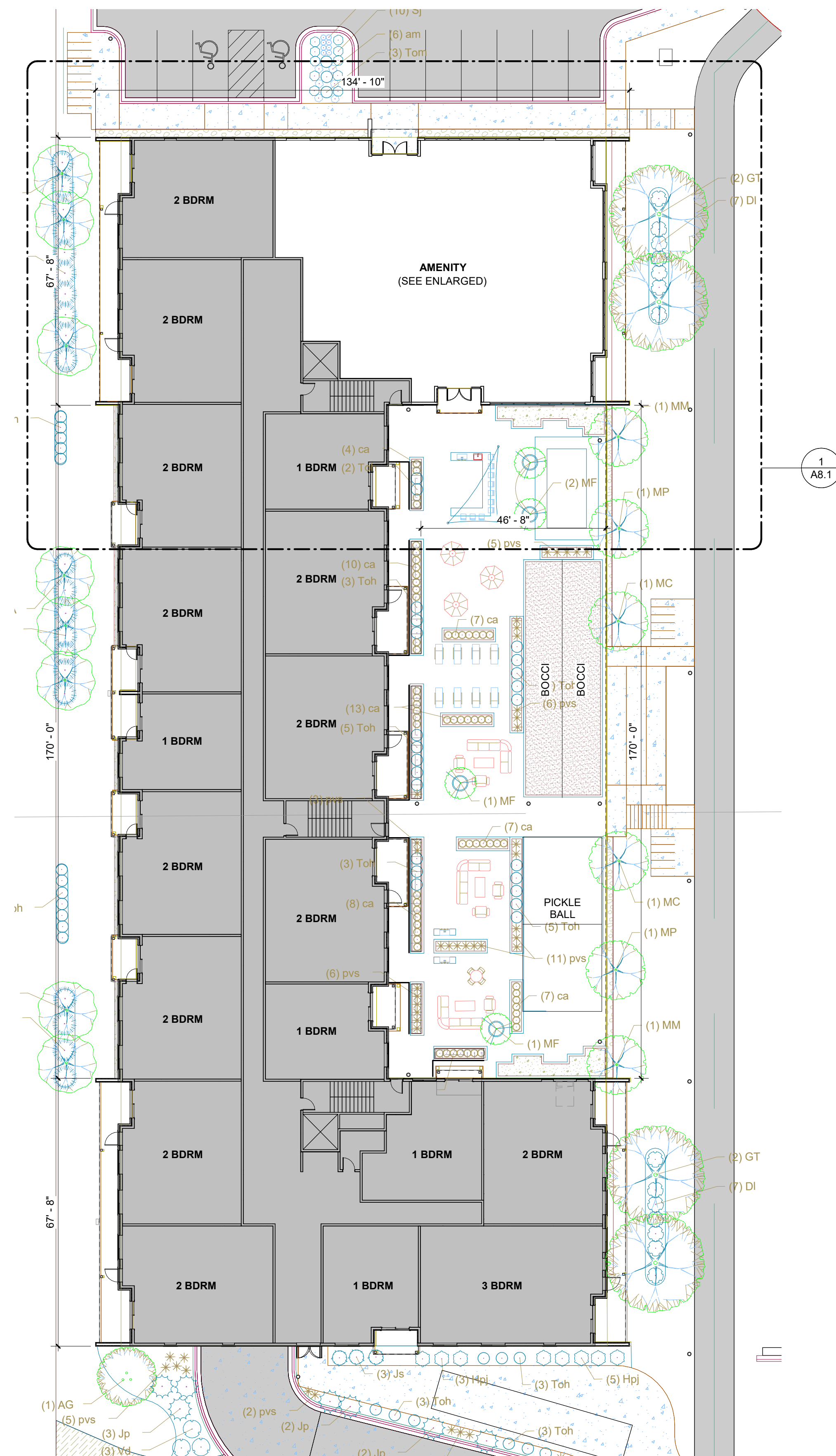
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A8.1

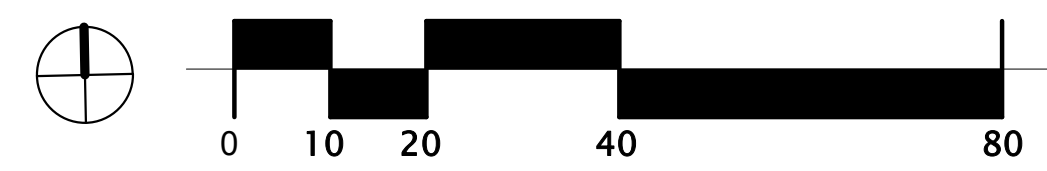
SHEET



1 AMENITY SPACE DIAGRAM - ENLARGED
 1/8" = 1'-0"



2 AMENITY SPACE DIAGRAM - FIRST FLOOR
 1" = 20'-0"



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

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Signature:

License #: 48654
Date: 06/27/2022

ISSUE	DATE

PERSPECTIVE VIEWS

SHEET TITLE

A12.1

SHEET



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

Name:
 Alex Haecker, AIA
 Signature:

License #: 48654
 Date: 06/27/2022

ISSUE	DATE

PERSPECTIVE VIEWS



PERSPECTIVE VIEW FROM SE CORNER



PERSPECTIVE VIEW FROM NE CORNER



City of Madison Fire Department

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Project Address: 575 Zor Shrine Place West Lot

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FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

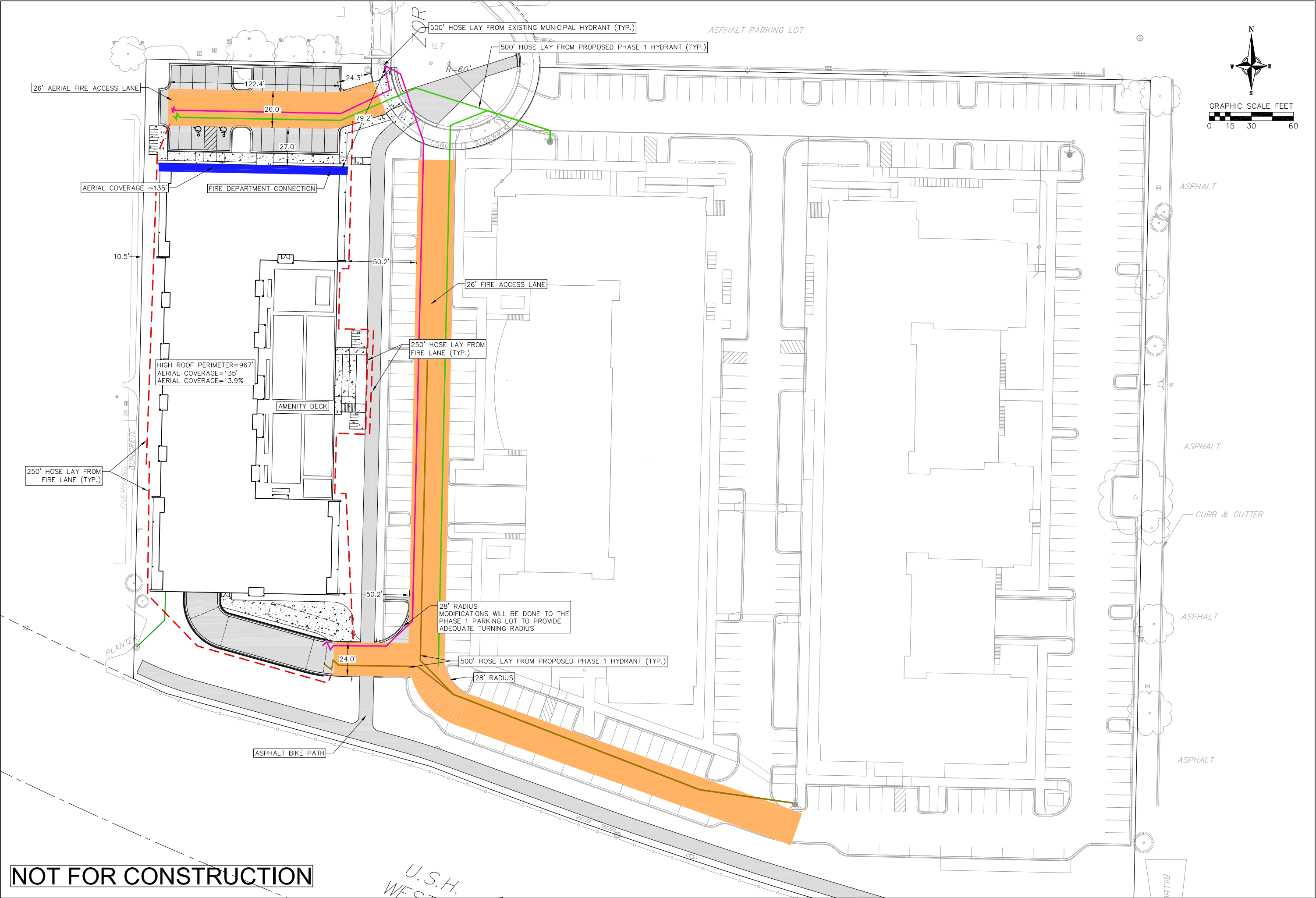
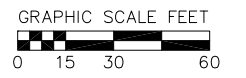
1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system? If non-sprinklered , fire lanes extend to within 150-feet of all portions of the exterior wall? If sprinklered , fire lanes are within 250-feet of all portions of the exterior wall?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input type="checkbox"/> N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? a) Is the fire lane a minimum unobstructed width of at least 20-feet? b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet? c) Is the minimum inside turning radius of the fire lane at least 28-feet? d) Is the grade of the fire lane not more than a slope of 8%? e) Is the fire lane posted as fire lane? (Provide detail of signage.) f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.) g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
3. Is the fire lane obstructed by security gates or barricades? If yes: a) Is the gate a minimum of 20-feet clear opening? b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet? If yes, does the area for turning around fire apparatus comply with IFC D103?	<input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
6. Is any part of the building greater than 30-feet above the grade plane? If yes, answer the following questions: Will discuss with fire department a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species) e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet? f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants? <i>Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.</i> a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants? b) Is there at least 40' between a hydrant and the building? c) Are the hydrant(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the street or fire lane? d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb? e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1½-feet, within 5-feet of a fire hydrant? <i>Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.</i>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A

Attach an additional sheet if further explanation is required for

No new hydrants proposed for this phase

This worksheet is based on **MGO 34.503** and **IFC 2015 Edition Chapter 5 and Appendix D**; please see the codes for further information.

ISSUE	DATE



NOT FOR CONSTRUCTION