STATE STREET CAMPUS GARAGE MIXED-USE

415 NORTH LAKE STREET
MADISON, WISCONSIN 53715

vierbicher
planners | engineers | advisors

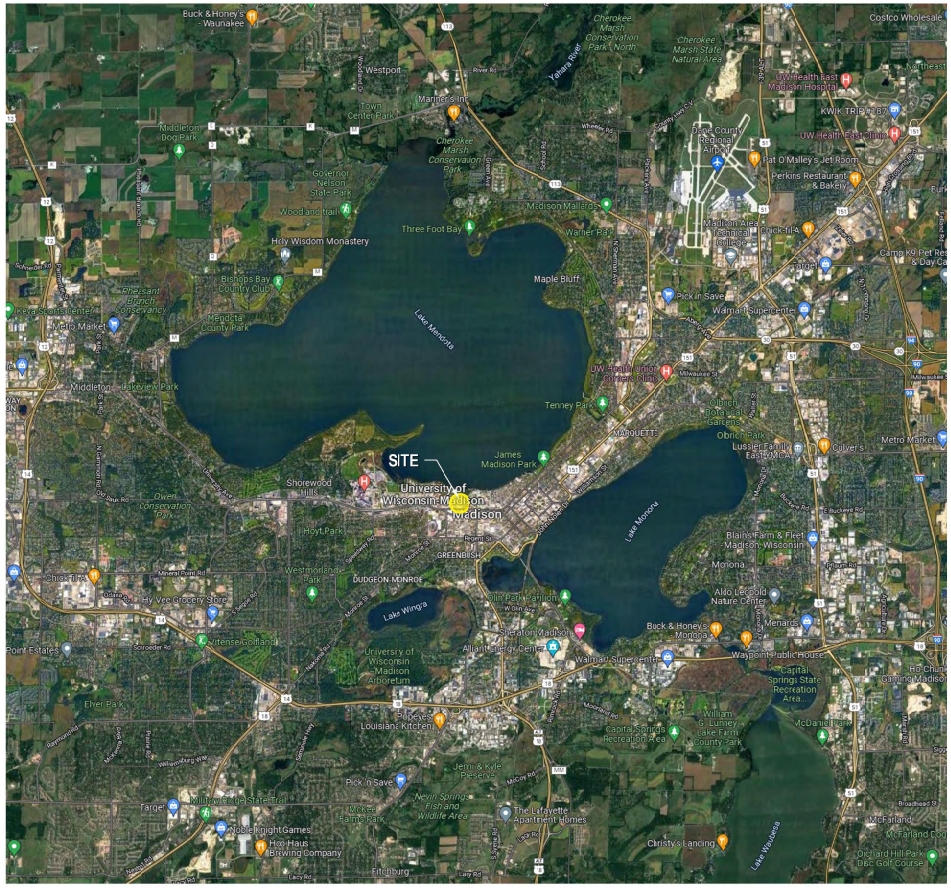
WALKER CONSULTANTS

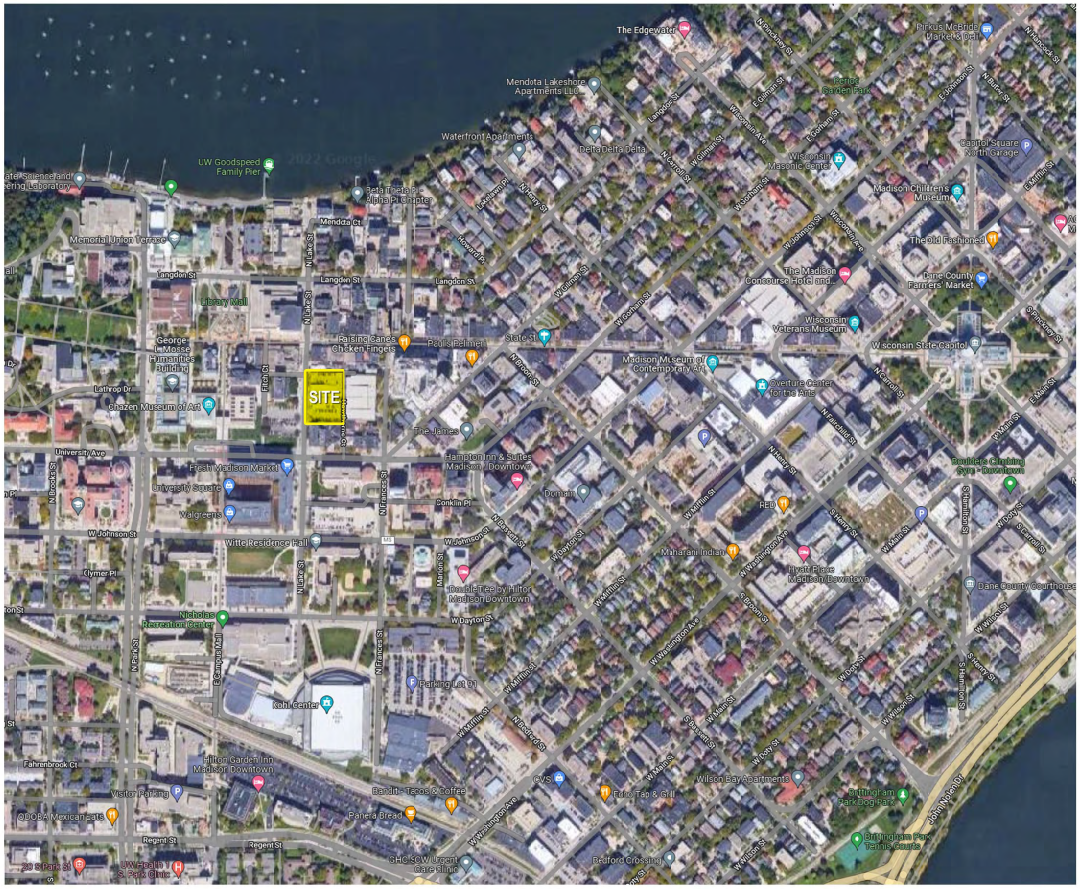
eua eppstein uhen : architects

INDEX

LAND USE SUBMITTAL

SEPTEMBER 26, 2022 **PROJECT NUMBER: 20448**





LOCATION MAP & CONTEXT

A001

720448-01

9/26/2022

STATE STREET CAMPUS GARAGE MIXED-USE

AERIAL

A002

720448-01
9/26/2022

STATE STREET CAMPUS GARAGE MIXED-USE

TOPOGRAPHIC LINEWORK LEGEND

- EXISTING UNDERGROUND CABLE TV
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM SEWER LINE
- EXISTING WATER MAIN
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

GRAPHIC SCALE FEET
0 10 20 40

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING PARKING METER
- EXISTING CURB INLET
- EXISTING FIELD INLET RECTANGULAR
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER MAIN VALVE
- EXISTING LIGHT POLE
- EXISTING DECIDUOUS TREE
- EXISTING SIGN (TYPE NOTED)
- EXISTING PLANTER
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC RECTANGULAR MANHOLE

EXISTING CONDITIONS NOTES:

1. THE PROPERTY LINES SHOWN ON THIS MAP ARE BASED ON GIS RESOURCES AND HAVE NOT BEEN FIELD VERIFIED.
2. SANITARY SEWER UTILITY LOCATIONS ARE BASED ON GIS MAPS.
3. STORM SEWER UTILITY LOCATIONS ARE BASED ON GIS MAPS.
4. WATER MAIN LOCATIONS ARE BASED ON GIS MAPS.
5. THE SITE HAS NOT BEEN FIELD SURVEYED AND IS SUBJECT TO CHANGE.

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PROJECT INFORMATION

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415 N. LAKE STREET
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ISSUANCE AND REVISIONS

DATE	DESCRIPTION
08-26-2022	UDC, GDP, SIP SUBMITTAL

KEY PLAN

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Phone: (800) 261-8898

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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PROJECT MANAGER MO
PROJECT NUMBER 720448-01

EXISTING CONDITIONS PLAN

C100

DEMOLITION PLAN LEGEND

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

N

GRAPHIC SCALE FEET
0 10 20 40

DEMOLITION NOTES:

1. DEMOLITION PLAN IS SUBJECT TO CHANGE FOLLOWING TOPOGRAPHIC SURVEY OF SITE.
2. CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
3. COORDINATE EXISTING UTILITY REMOVAL/ABANDONMENT WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
4. 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.
5. 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.
6. IF APPLICABLE, PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION OPERATIONS. MAINTAIN THROUGHOUT CONSTRUCTION.
7. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEMOLITION AND UTILITY PLUGGING PERMITS.
8. ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING PATCHING CRITERIA.

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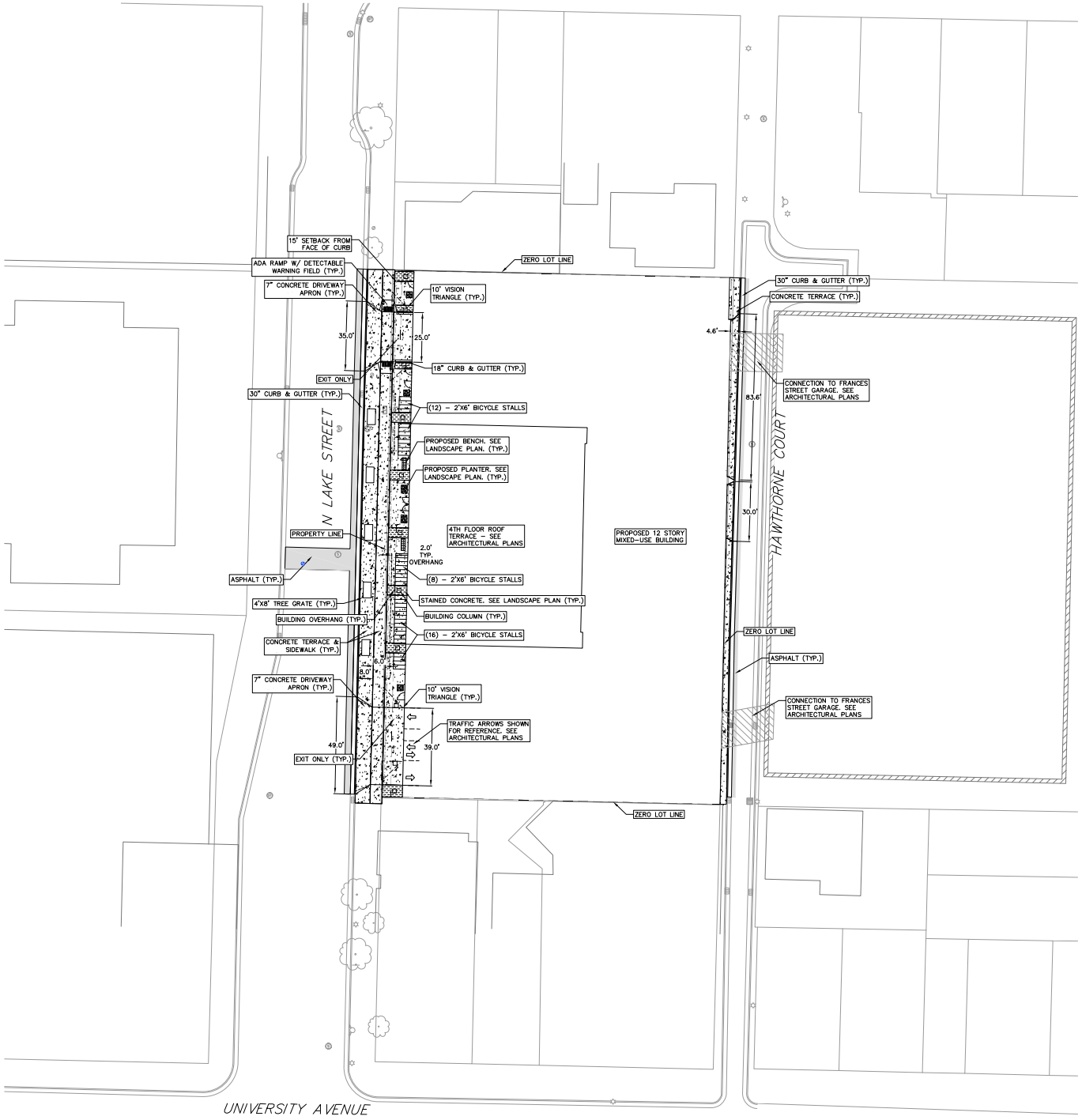
DEMOLITION PLAN

C200



SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- STAINED CONCRETE
- PROPOSED SIGN
- PROPOSED LIGHT POLE
- PROPOSED BOLLARD
- PROPOSED ADA DETECTABLE WARNING FIELD
- PROPOSED BOLLARD

N

GRAPHIC SCALE FEET
0 10 20 40

SITE INFORMATION BLOCK

SITE ADDRESS: 415 N LAKE ST.
SITE ACREAGE (TOTAL): 1.03 ACRES

NUMBER OF BUILDING STORIES (ABOVE GRADE): 12 STORIES
BUILDING HEIGHT: 169'-4"
DILHR TYPE OF CONSTRUCTION (NEW STRUCTURES): TYPE 1 POST TENSION

USE OF PROPERTY: PUBLIC PARKING GARAGE, BUS TERMINAL, STUDENT HOUSING
GROSS SQUARE FEET OF BUILDING: 522,437 SF
NUMBER OF EMPLOYEES IN WAREHOUSE: N/A
NUMBER OF EMPLOYEES: TBD
CAPACITY OF RESTAURANT/PLACE OF ASSEMBLY: N/A

NUMBER OF BICYCLE STALLS SHOWN: 36 EXTERIOR, 239 INTERIOR
NUMBER OF PARKING STALLS: 0 EXTERIOR, 517 INTERIOR
NUMBER OF TREES SHOWN: SEE LANDSCAPE PLAN.

SITE PLAN NOTES:

1. CONCRETE TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
2. CONCRETE FOR DRIVEWAYS AND SIDEWALK AT DRIVEWAY ENTRANCES SHALL BE 7" THICK, CONSTRUCTED ON A BASE OF 5" COMPACTED SAND OR CRUSHED STONE.
3. ALL DIMENSIONS WITH CURB & GUTTER ARE REFERENCED TO THE FACE OF CURB.
4. CONTRACTOR TO OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, RIGHT OF WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
5. 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.

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06-26-2022	UDC GDP, SIP SUBMITTAL

KEY PLAN

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PROJECT MANAGER	MO
PROJECT NUMBER	720445-01

SITE PLAN

C300

GRADING LEGEND

- 820 — EXISTING MAJOR CONTOURS
- 818 — EXISTING MINOR CONTOURS
- 820 — PROPOSED MAJOR CONTOURS
- 818 — PROPOSED MINOR CONTOURS
- CONSTRUCTION DISTURBANCE LIMITS
- DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- 1048.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS

N

GRAPHIC SCALE FEET
0 10 20 40

GRADING NOTES:

1. EXISTING CONTOURS ARE FROM LIDAR. THE SITE HAS BEEN SURVEYED AND EXISTING AND PROPOSED CONTOURS ARE SUBJECT TO CHANGE.
2. ALL GRADES SHOWN ARE FINISHED GRADES. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
3. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.
4. INSTALL A 50'L X 20'W X 1.5'D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
5. 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. ALL MAINTENANCE/REPAIR WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
6. INSTALL WI DOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND WI DOT TYPE A IN FIELD INLETS.
7. 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.
8. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.

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PROJECT MANAGER	MO
PROJECT NUMBER	720445-01

GRADING PLAN

C400

GRADING LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- SILT SOCK
- CONSTRUCTION DISTURBANCE LIMITS
- INLET PROTECTION
- TRACKING PAD

N

GRAPHIC SCALE FEET
0 10 20 40

GRADING NOTES:

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2. ALL GRADES SHOWN ARE FINISHED GRADES. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
3. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.
4. INSTALL A 50'L X 20'W X 1.5'D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
5. 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. ALL MAINTENANCE/REPAIR WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
6. INSTALL WI DOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND WI DOT TYPE A IN FIELD INLETS.
7. 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.
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PROJECT MANAGER MO
PROJECT NUMBER 720448-01

EROSION CONTROL PLAN

C401

PROPOSED UTILITY LEGEND

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

N

GRAPHIC SCALE FEET
0 10 20 40

ABBREVIATIONS

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

UTILITY NOTES:

1. UTILITY DESIGN IS SUBJECT TO CHANGE FOLLOWING SURVEY OF THE SITE.
2. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
3. 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.
4. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
6. 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.
7. IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DNR PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
8. 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.
9. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(e).
10. 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).
11. 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)(e).
12. 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).
13. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b).
14. 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.
15. 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.
16. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
17. PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
19. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY 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.
21. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
22. FOR WATER SERVICES AND HYDRANT LEADS, ALL MECHANICAL JOINTS TO BE RESTRAINED WITH MEGALUG 1100 OR APPROVED EQUAL. PIPE JOINTS TO BE RESTRAINED AS INDICATED WITH MEGALUG 1700 HARNESS OR APPROVED EQUAL.
23. CONNECTIONS TO EXISTING WATER MAIN TO BE BY LIVE TAPPING. CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTION FEES AND COSTS PAYABLE TO THE CITY OF MADISON FOR LIVE TAPPING, AND ALL OTHER WORK AND COSTS ASSOCIATED WITH LIVE TAPPING.
24. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMENTATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.

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PROJECT MANAGER MO
PROJECT NUMBER 720448-01

UTILITY PLAN

C500

EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE **CITY OF MADISON** EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.

2. 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.

3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.

4. 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.

5. 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.

6. 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.

7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.

8. 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.

9. 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).

10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.

11. SEE GRADING AND EROSION CONTROL PLAN FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".

12. 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.

13. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN.

14. 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.

15. 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.

16. 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.

17. 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.

18. 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.

19. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.

20. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.

21. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.

22. 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.

23. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY AND STATE.

24. THE **CITY**, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

25. 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.

SEEDING RATES:

TEMPORARY:
1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
2. 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:

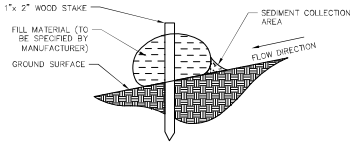
TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

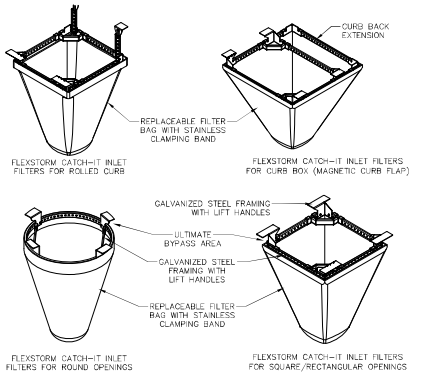
TEMPORARY AND PERMANENT:
USE ¾" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 627.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

CONSTRUCTION SEQUENCE:

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



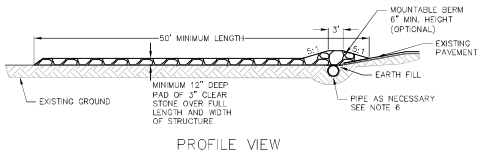
1/1 SILT SOCK
NOT TO SCALE



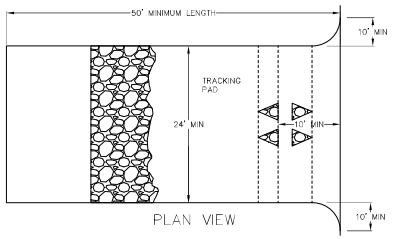
NOTES:

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.

1/1 FRAMED INLET PROTECTION
NOT TO SCALE



PROFILE VIEW



PLAN VIEW

1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.

2. LENGTH – MINIMUM OF 50'.

3. WIDTH – 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.

4. 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.

5. STONE – CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.

6. 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.

7. 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.

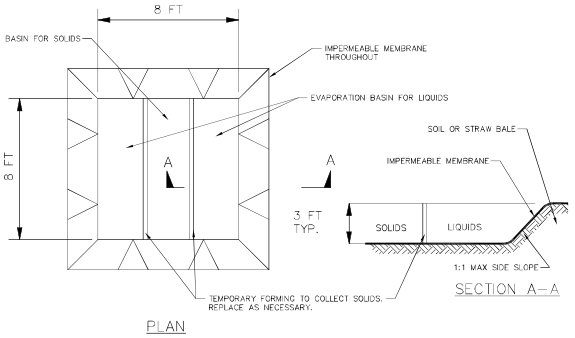
1/1 TRACKING PAD
NOT TO SCALE

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

SECTION A-A

1/1 TEMPORARY CONCRETE WASHOUT
NOT TO SCALE

eua
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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
03-25-2022	UDC GDP, SIP SUBMITTAL

KEY PLAN

vierbicher
planners | engineers | advisors
Phone: (800) 261-0898

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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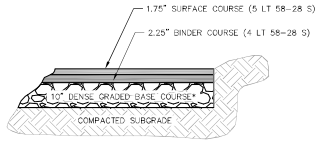
PROJECT MANAGER MO

PROJECT NUMBER 720448-01

DETAILS 1

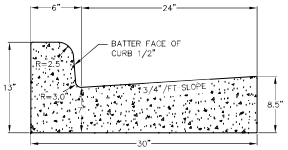
C600



*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

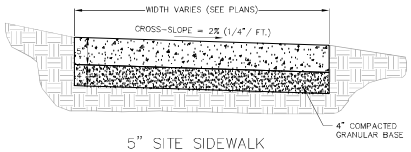
BITUMINOUS PAVEMENT

1/1 ASPHALT PAVEMENT
NOT TO SCALE

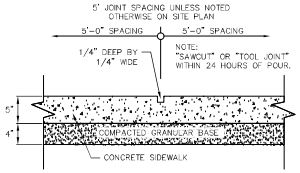


CURB AND GUTTER
CROSS SECTION

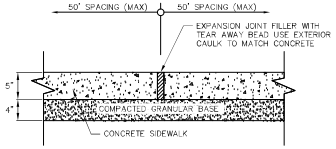
1/1 30" CONCRETE CURB AND GUTTER
NOT TO SCALE



5" SITE SIDEWALK

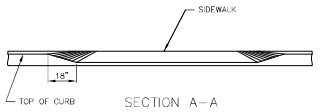


SIDEWALK CONTROL JOINT

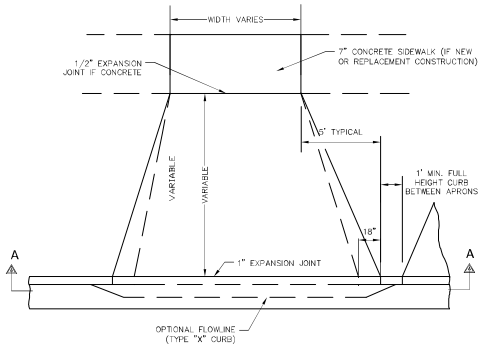


SIDEWALK EXPANSION JOINT

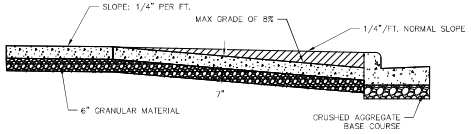
1/1 5" SIDEWALK
NOTE TO SCALE



SECTION A-A



PLAN



PROFILE

1/1 COMMERCIAL DRIVE DETAIL
NOT TO SCALE

eua
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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
03-28-2022	UDC, GDP, SIP SUBMITTAL

KEY PLAN

vierbicher
planners | engineers | advisors
Phone: (800) 261-0948

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION
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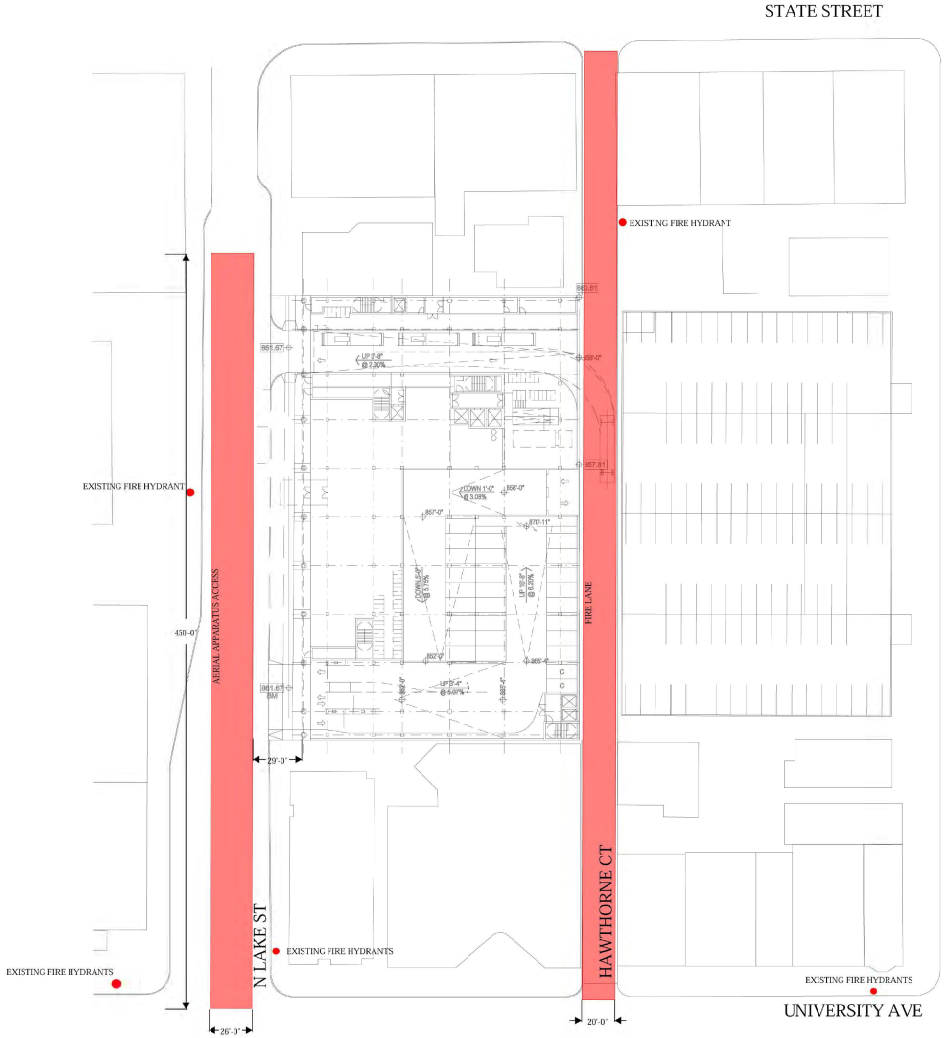
PROJECT MANAGER MO
PROJECT NUMBER 720448-01

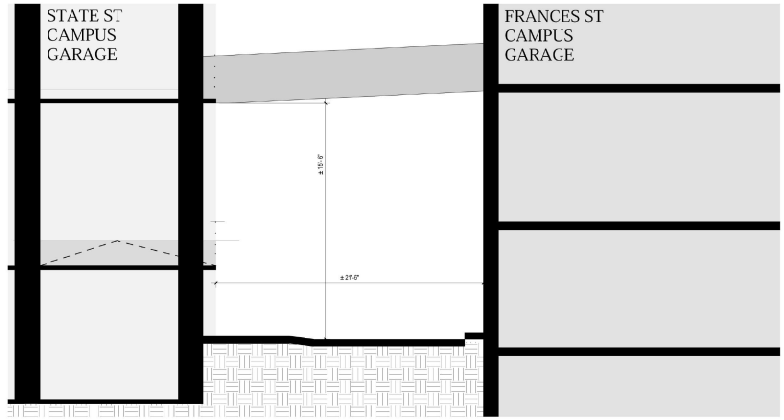
DETAILS 2

C601



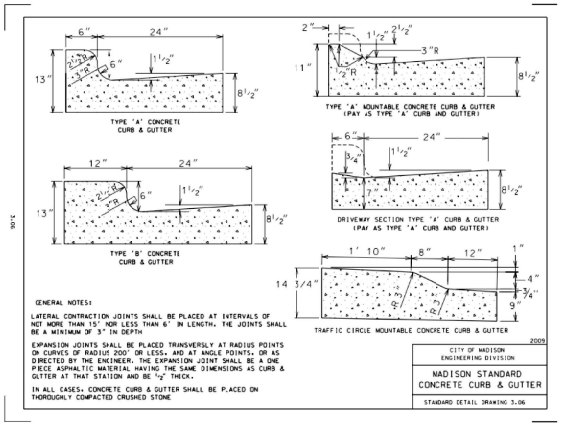
SITE

1" =30'-0"



HAWTHORN CT SITE SECTION

1/4" = 1'-0"

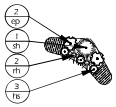


MADISON CONCRETE CURB DETAIL

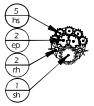
FIRE ACCESS PLAN

LANDSCAPE AND RESTORATION NOTES

1. FINAL PLANT MATERIAL LOCATIONS SHALL BE FIELD ADJUSTED AS NEEDED TO AVOID CONFLICT WITH OTHER OBSTACLES.
2. PLANT MATERIAL SHALL BE REVIEWED BY OWNER OR A/E PRIOR TO INSTALLATION FOR QUALITY AND UNIFORMITY.
3. ALL LANDSCAPE BEDS AND TREE RINGS SHALL HAVE A MINIMUM OF 6" DEPTH SHREDDED HARDWOOD MULCH.
4. TREES AND SHRUBS SHALL BE INSTALLED PER DETAILS AND SPECIFICATIONS.
5. CONTRACTOR SHALL MEET EXISTING GRADE AT GRADING LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
6. ALL DISTURBED AREAS SHALL BE RESTORED WITH SEED & MULCH PER SPECIFICATIONS.
7. SEED/SOIL PLACEMENT SHALL EXTEND TO THE LIMITS OF CONSTRUCTION DISTURBANCE.
8. RESTORE ALL DISTURBED AREAS WITH A MINIMUM 6" TOPSOIL DEPTH. SEED MIXES SHALL BE AS SHOWN. CONTRACTOR MAY NEED TO WATER RESTORED AREAS TO ENSURE A SUBSTANTIAL CATCH OF TURF GRASS. WATERING SHALL BE INCIDENTAL.
9. ALL SLOPES GREATER THAN 1:3 TO RECEIVE EROSION CONTROL MATTING PER DETAILS.



5 / L 1.0 PLANTER TYPE B MATERIAL
NTS



4 / L 1.0 PLANTER TYPE A MATERIAL
NTS

City of Madison
Project Name: State
Address: 415 Lake Street

Total Lot Area
Building
Total Square Footage

	Botanical	Common	Size	Points each	Qty	Total pts
ep	Echinacea purpurea	Purple coneflower	#1 Cal	2	10	20
hs	Hesperis Spellbound	Spellbound Coral Bells	#1 Cal	2	21	42
rh	Rudbeckia hirta	Blackeyed Susan	#1 Cal	2	10	20
sh	Sporobolus heterolepis	Prairie Dropseed	#1 Cal	2	5	10
					46	92

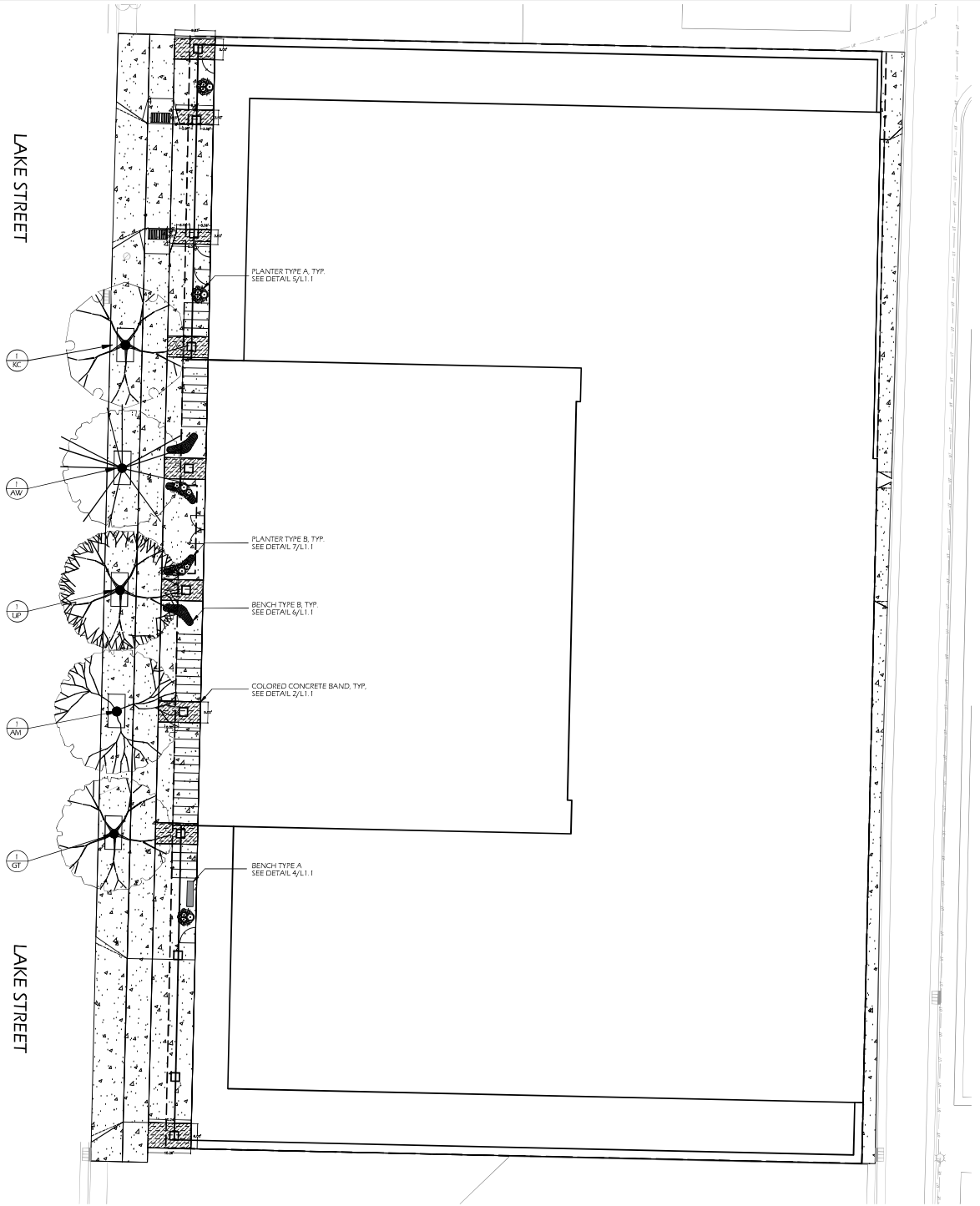
Landscape Furniture		Yards	Points	Qty	Total pts
Per Yard	Bench Type A	1	5	1	15
	Bench Type B	1	5	2	30
	Planter Type B	1	5	2	20
				5	65

TOTAL NEW
TOTAL EX
TOTAL PROVIDED

3 / L 1.0 LANDSCAPE WORKSHEET
NTS

Symb	Botanical Name	Common Name	Size	Qty
AM	Acer miyabei 'Morton'	STATE STREET® Miyabe Maple	2.5" Cal. B&B	1
AW	Acer Waterwood	PACIFIC SUNSET® Maple	2.5" Cal. B&B	1
GT	Gleditsia triacanthos var. inermis 'Skycole'	SKYLINE® Thornless Honeylocust	2.5" Cal. B&B	1
KC	Gymnocladus dioicus 'Espresso'	Espresso Kentucky Coffeetree	2.5" Cal. B&B	1
UP	Ulmus parvifolia 'Emerald Prairie'	Emerald Prairie Lacebark Elm	2.5" Cal. B&B	1

2 / L 1.0 SUGGESTED STREET TREES
NTS



1 / L 1.0 LANDSCAPE PLAN
1" = 10'-0"

GRAPHIC SCALE
0 10 20 40
1 INCH =40 FT(24X36 SHEET)

eu:a
milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

	DESCRIPTION
	UDC, GDP, SIP SUBMITTAL

KEY PLAN

PARKITECTURE + PLANNING
901 Deming Way, Suite 102
Madison,WI53717
608.886.6808

vierbicher
planners | engineers | advisors
Phone: (608) 251-4843

SHEET INFORMATION

LANDSCAPE PLAN

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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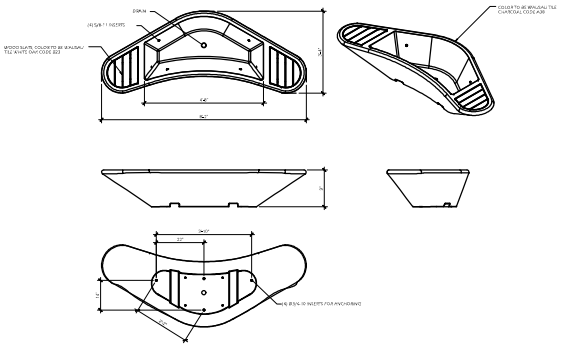
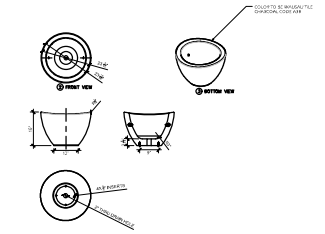
PROJECT MANAGER	BT
PROJECT NUMBER	720448-01
DATE	9-21-22

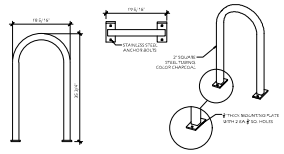
L1.0



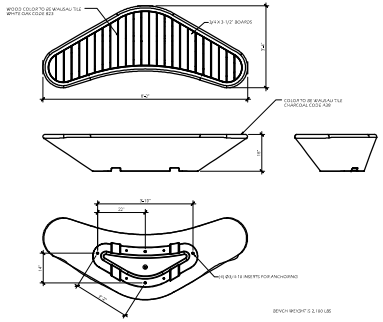
7 L 1.1 PLANTER TYPE B
NTS



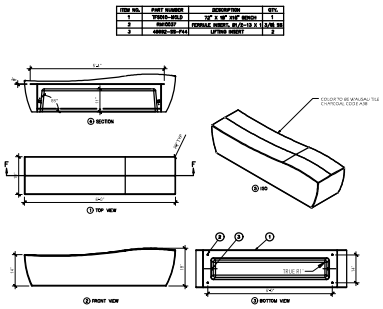
5 L 1.1 PLANTER TYPE A
NTS



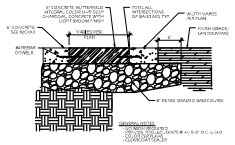
3 L 1.1 BICYCLE PARKING
NTS



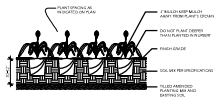
6 L 1.1 BENCH TYPE B
NTS



4 L 1.1 BENCH TYPE A
NTS



2 L 1.1 COLORED CONCRETE BAND
NTS



1 L 1.1 PERENNIAL PLANTING
NTS

eu:a
milwaukee | madison | chicago | denver

PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

DESCRIPTION
UDC, GDP, SIP SUBMITTAL

KEY PLAN

PARKITECTURE + PLANNING
901 Deming Way, Suite 102
Madison,WI 53717
608.886.6808

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

SHEET INFORMATION

LANDSCAPE PLAN

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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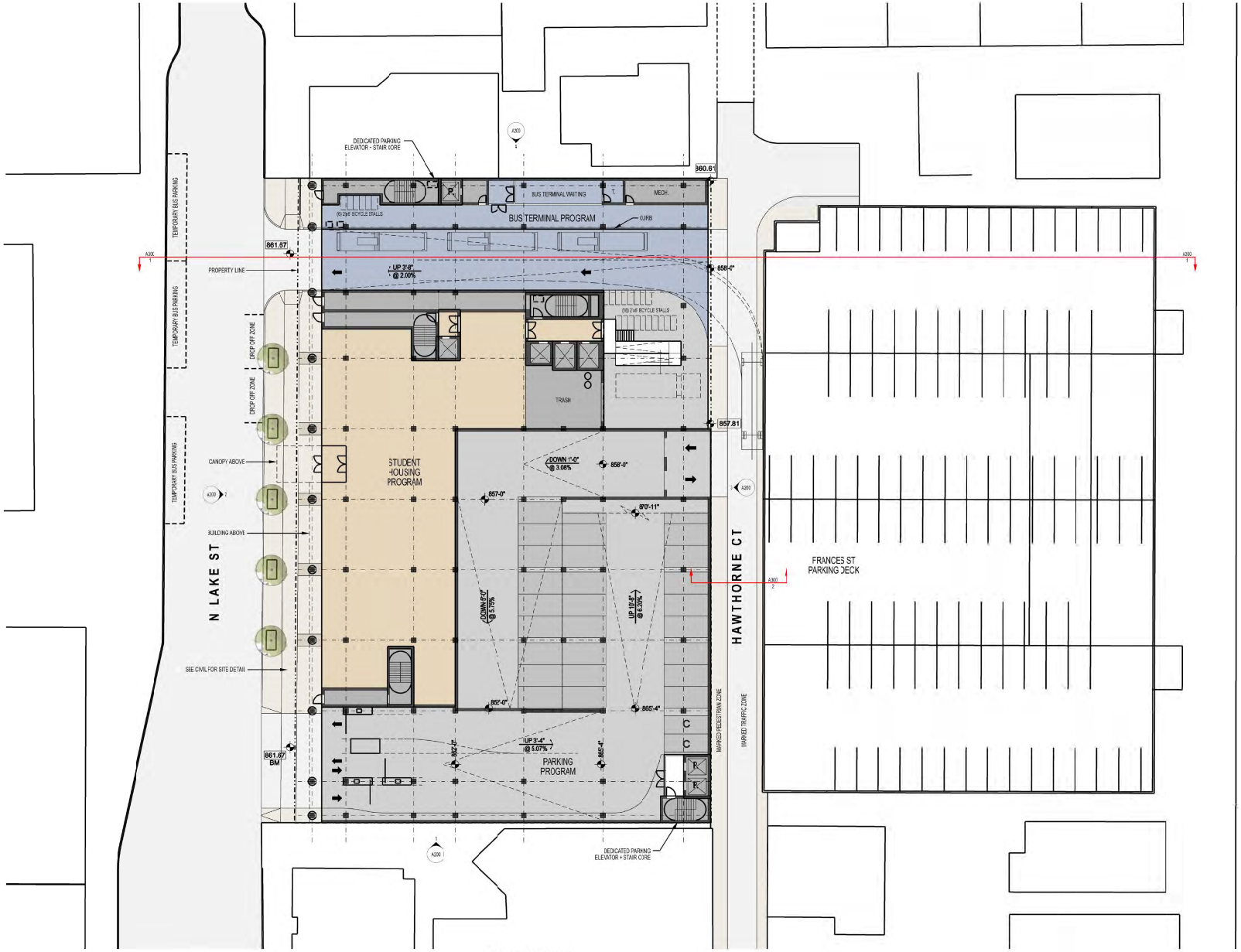
PROJECT MANAGER	BT
PROJECT NUMBER	720448-01
DATE	9-21-22

L1.1



1 GROUND FLOOR
1/16" = 1'-0"

KEY

- BUS TERMINAL PROGRAM
- STUDENT HOUSING PROGRAM
- PARKING PROGRAM

NOTE:
-PLANS ARE CONCEPTUAL AND SUBJECT TO CHANGE. SITE SURVEY AND ELEVATIONS NEED TO BE VERIFIED.
-ALL PARKING STALL ARE 9' x 18' UNLESS DESIGNATED "C" FOR COMPACT.
-ALL BIKE STALL ARE 2' x 6' HORIZONTALLY ORIENTED & FLOOR MOUNTED EXCEPT FOR HUNG BIKE RACKS INDICATED ON THE LOWER LEVEL PLAN (PLAN 1 ON SHEET A101 & DETAIL). BIKE RACK DIMENSIONS TO COMPLY WITH CITY ZONING.

861.67 DENOTES EXISTING ELEVATION FROM AS-BUILTS
858'-0" DENOTES PROPOSED ELEVATION DATUM

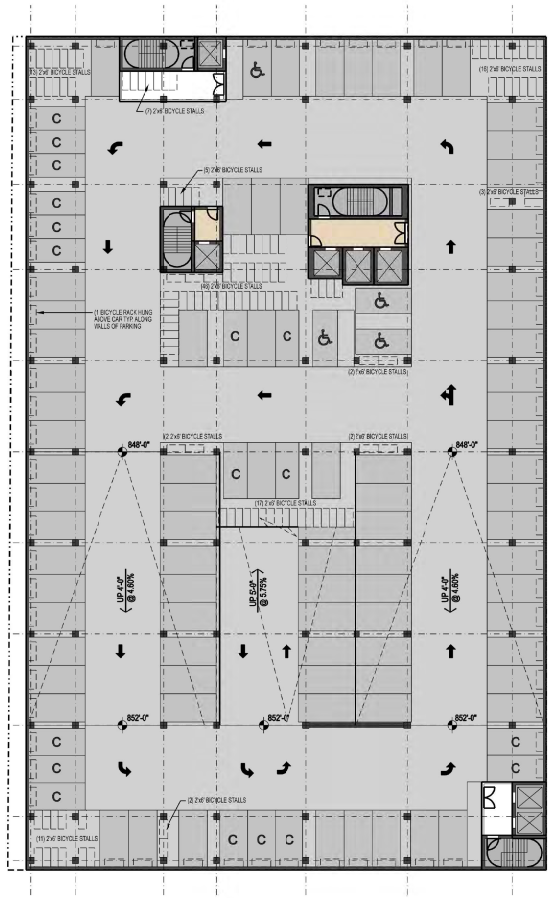
SCALE: 1/16" = 1'-0"

FLOOR PLANS

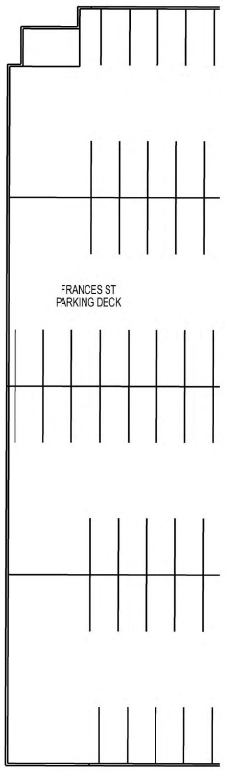
A100

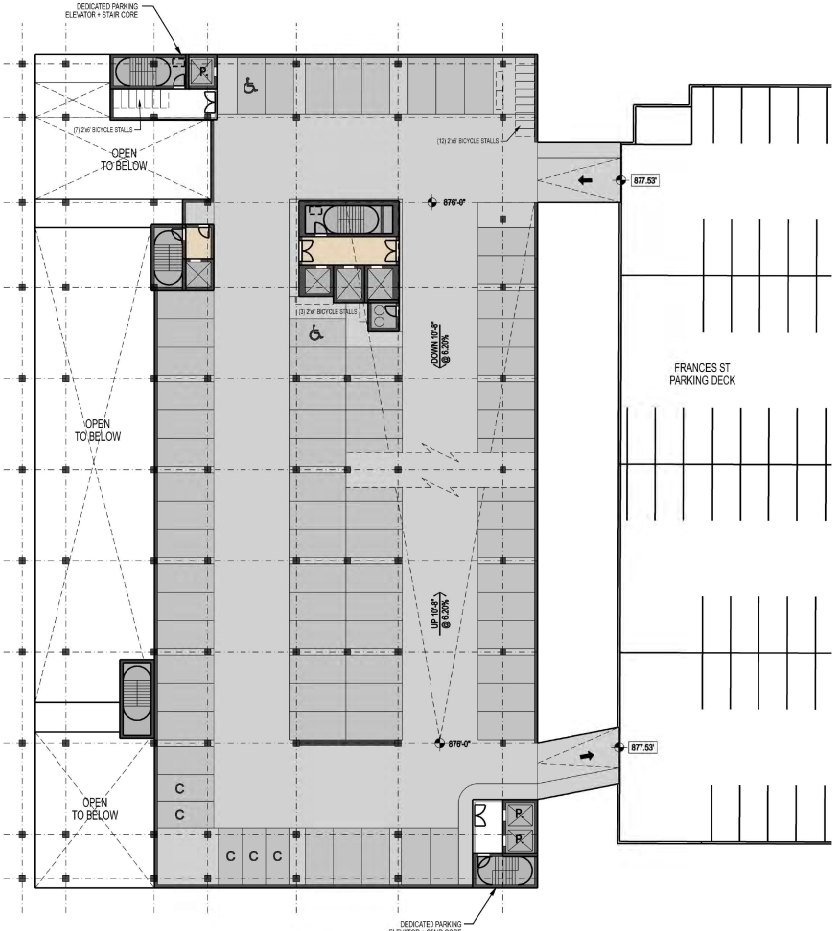
720448-01
9/26/2022

STATE STREET CAMPUS GARAGE MIXED-USE



1 LOWER LEVEL
1/16" = 1'-0"





2 LEVEL 2
1/16" = 1'-0"

KEY

- BUS TERMINAL PROGRAM
- STUDENT HOUSING PROGRAM
- PARKING PROGRAM

HUNG BIKE RACK DETAIL

NOTE:
-PLANS ARE CONCEPTUAL AND SUBJECT TO CHANGE. SITE SURVEY AND ELEVATIONS NEED TO BE VERIFIED.
-ALL PARKING STALL ARE 9' x 18' UNLESS DESIGNATED "C" FOR COMPACT.
-ALL BIKE STALL ARE 2' x 6' HORIZONTALLY ORIENTED & FLOOR MOUNTED EXCEPT FOR HUNG BIKE RACKS INDICATED ON THE LOWER LEVEL PLAN (PLAN 1 ON SHEET A101 & DETAIL). BIKE RACK DIMENSIONS TO COMPLY WITH CITY ZONING.

+881.87' DENOTES EXISTING ELEVATION FROM AS-BUILTS
+888'-0" DENOTES PROPOSED ELEVATION DATUM

N

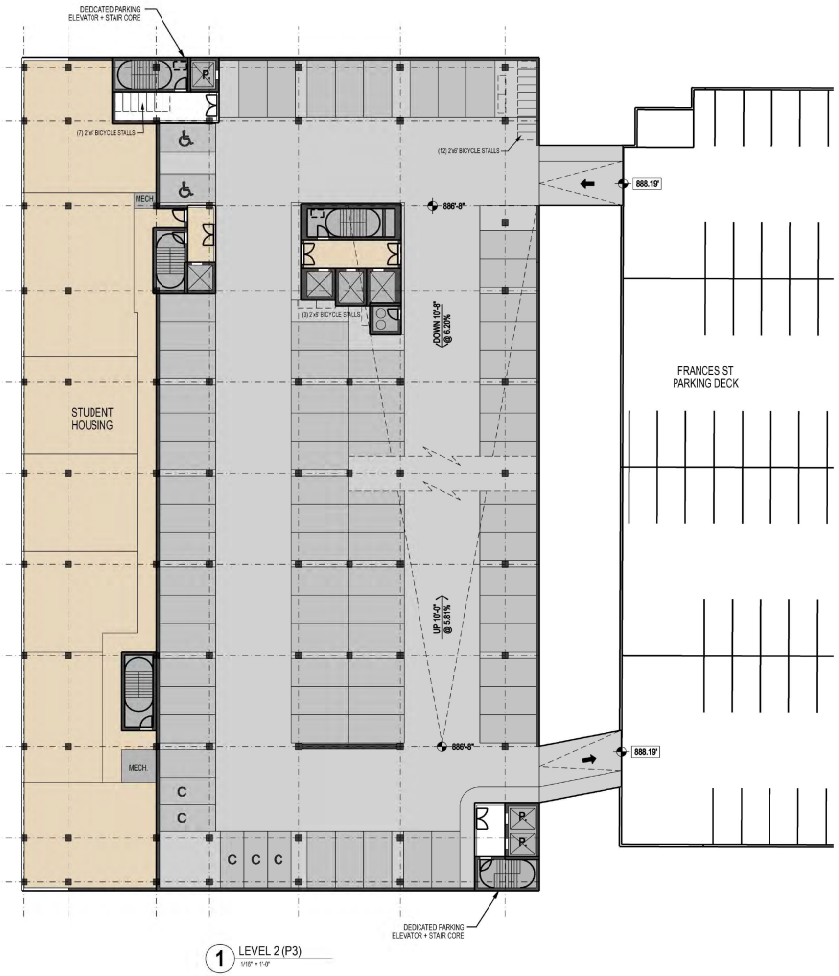
0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

FLOOR PLANS

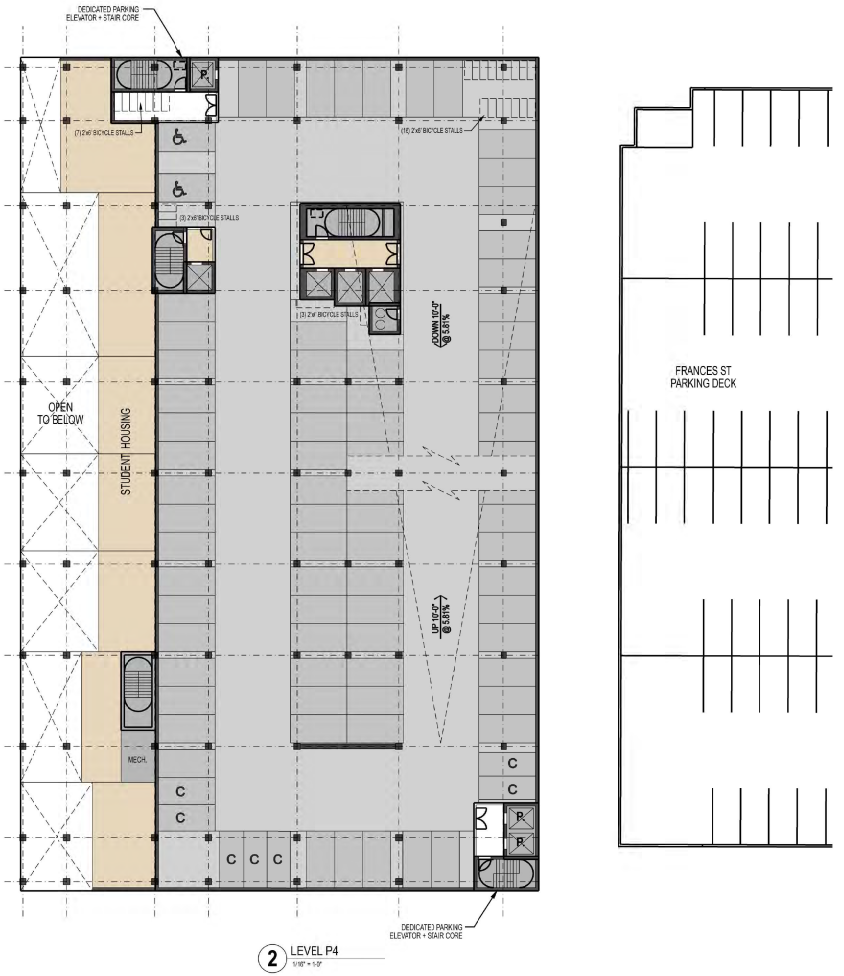
A101

STATE STREET CAMPUS GARAGE MIXED-USE

720448-01
9/26/2022



1 LEVEL 2 (P3)
1/16" = 1'-0"



2 LEVEL P4
1/16" = 1'-0"

KEY

- BUS TERMINAL PROGRAM
- STUDENT HOUSING PROGRAM
- PARKING PROGRAM

NOTE:
-PLANS ARE CONCEPTUAL AND SUBJECT TO CHANGE. SITE SURVEY AND ELEVATIONS NEED TO BE VERIFIED.
-ALL PARKING STALL ARE 9' x 18' UNLESS DESIGNATED "C" FOR COMPACT.
-ALL BIKE STALL ARE 2' x 6' HORIZONTALLY ORIENTED & FLOOR MOUNTED EXCEP" FOR HUNG BIKE RACKS INDICATED ON THE LOWER LEVEL PLAN (PLAN 1 ON SHEET A101 & DETAIL). BIKE RACK DIMENSIONS TO COMPLY WITH CITY ZONING.

+881.87' DENOTES EXISTING ELEVATION FROM AS-BUILTS
+888'-0" DENOTES PROPOSED ELEVATION DATUM

N

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

FLOOR PLANS

A102

STATE STREET CAMPUS GARAGE MIXED-USE

720448-01
9/26/2022

1 LEVEL 3 (P5)
1/16" = 1'-0"

2 LEVEL P6
1/16" = 1'-0"

KEY

- BUS TERMINAL PROGRAM
- STUDENT HOUSING PROGRAM
- PARKING PROGRAM

NOTE:
-PLANS ARE CONCEPTUAL AND SUBJECT TO CHANGE. SITE SURVEY AND ELEVATIONS NEED TO BE VERIFIED.
-ALL PARKING STALL ARE 9' x 18' UNLESS DESIGNATED "C" FOR COMPACT.
-ALL BIKE STALL ARE 2' x 6' HORIZONTALLY ORIENTED & FLOOR MOUNTED EXCEP" FOR HUNG BIKE RACKS INDICATED ON THE LOWER LEVEL PLAN (PLAN 1 ON SHEET A101 & DETAIL). BIKE RACK DIMENSIONS TO COMPLY WITH CITY ZONING.

+861.67' DENOTES EXISTING ELEVATION FROM AS-BUILTS
+868.47' DENOTES PROPOSED ELEVATION DATUM

N

0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

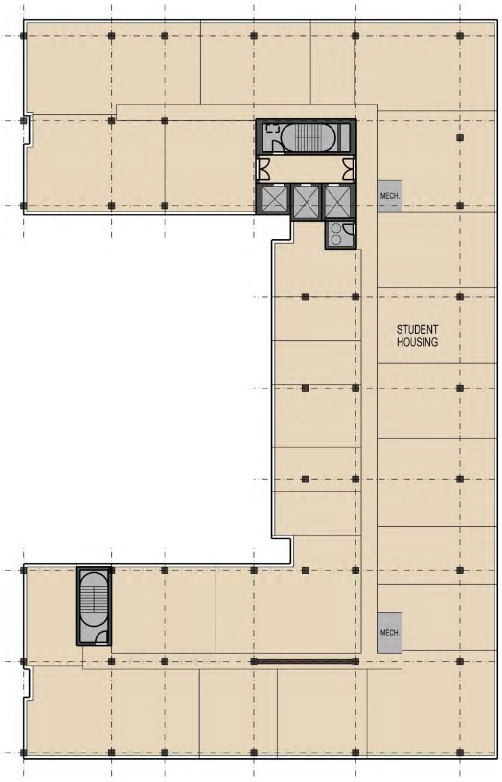
FLOOR PLANS

A103

STATE STREET CAMPUS GARAGE MIXED-USE

720448-01
9/26/2022

1 LEVEL 4
1/16" = 1'-0"



2 LEVELS 5 - 11
1/16" = 1'-0"

KEY

- BUS TERMINAL PROGRAM
- S¨UDENT HOUSING PROGRAM
- PARKING PROGRAM

NOTE:
-PLANSARE CONCEPTUAL AND SUBJECT TO CHANGE. SITE SURVEY AND ELEVATIONS NEED TO BE VERIFIED.
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-ALL BIKE STALL ARE 2' x 6' HORIZONTALLY ORIENTED & FLOOR MOUNTED EXCEP" FOR HUNG BIKE RACKS INDICATED ON THE LOWER LEVEL PLAN (PLAN 1 ON SHEET A101 & DETAIL). BIKE RACK DIMENSIONS TO COMPLY WITH CITY ZONING.

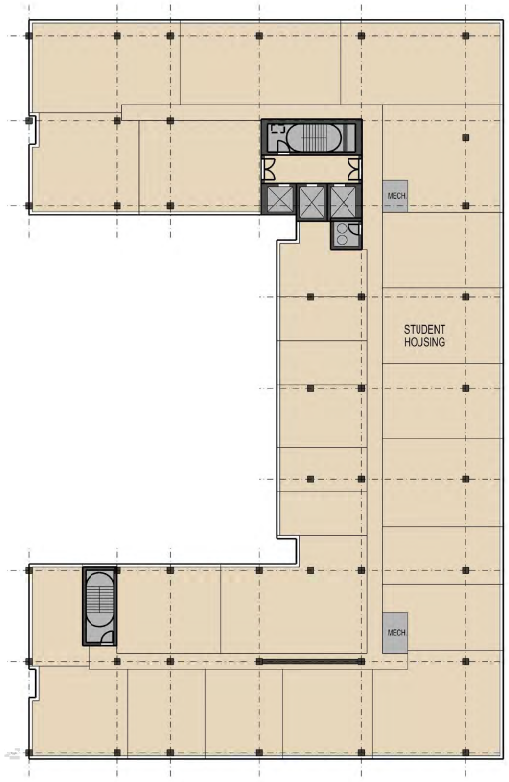
N
0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

FLOOR PLANS

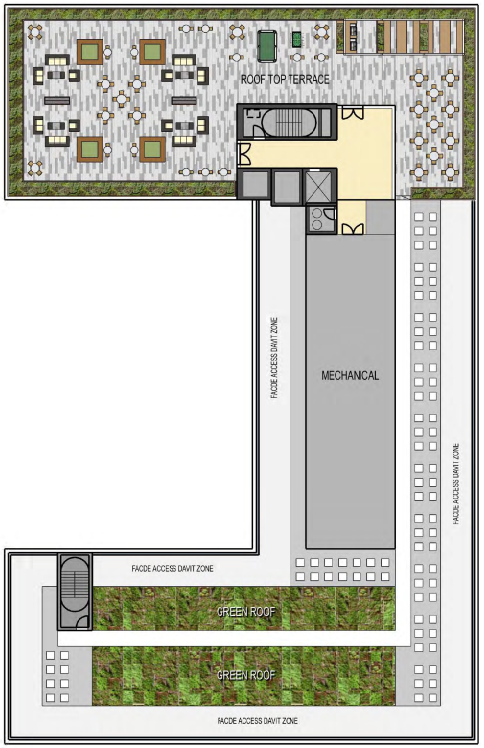
A104

STATE STREET CAMPUS GARAGE MIXED-USE

720448-01
9/26/2022



1 LEVEL 12
1/16" = 1'-0"



2 ROOF TOP TERRACE
1/16" = 1'-0"

KEY
- BUS TERMINAL PROGRAM
- S¨UDENT HOUSING PROGRAM
- PARKING PROGRAM

NOTE:
-PLANSARE CONCEPTUAL AND SUBJECT TO CHANGE. SITE SURVEY AND ELEVATIONS NEED TO BE VERIFIED.
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N
0' 4' 8' 16' 32'
SCALE: 1/16" = 1'-0"

FLOOR PLANS

A105

STATE STREET CAMPUS GARAGE MIXED-USE

720448-01
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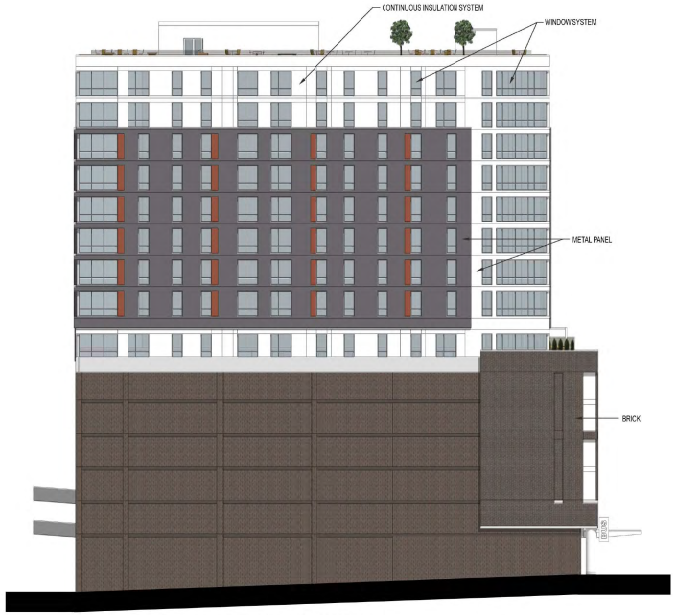
1 SOUTH ELEVATION
1/16" = 1'-0"

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

3 EAST ELEVATION
1/16" = 1'-0"



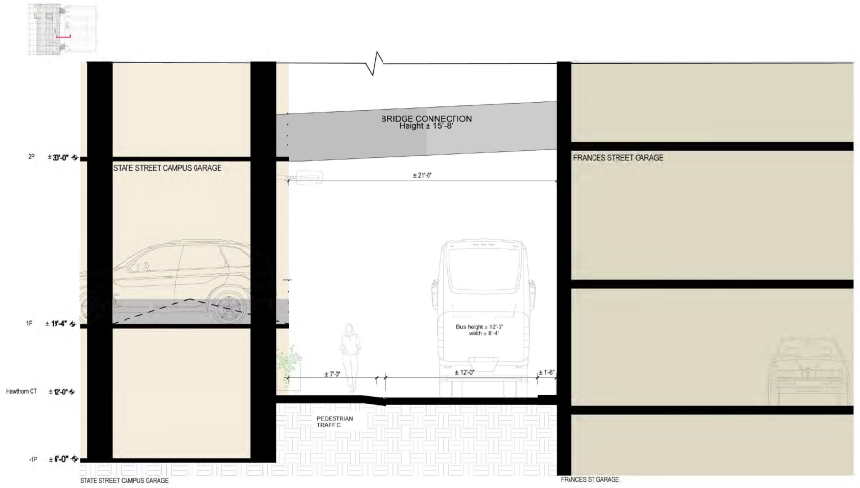
4 NORTH ELEVATION
1/16" = 1'-0"

ELEVATIONS

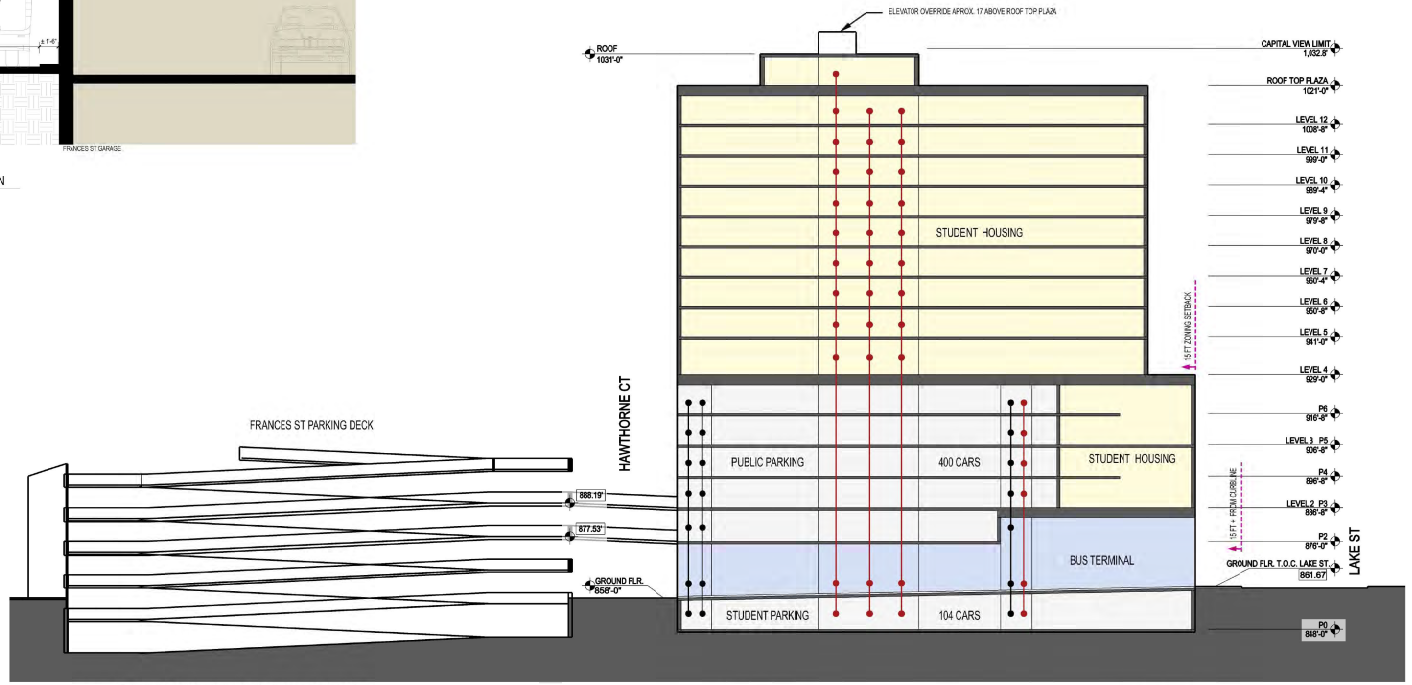
A200

720448-01
9/26/2022

STATE STREET CAMPUS GARAGE MIXED-USE



2 HAWTHORNE CT SECTION



COMPLYING WITH THE CITY'S ZONING CODE OF A 12 STORY MAXIMUM BUILDING HEIGHT ON THE SITE, THE MASSING STRATEGY FOR THE NEW THEORY MADISON DEVELOPMENT UTILIZES 2 FLOORS OF LOFT APARTMENT UNITS IN FRONT OF THE NEW PARKING STRUCTURE TO CREATE A MORE ACTIVE STREET SCAPE ENVIRONMENT ON LAKE STREET.

IN ADDITION TO THE REQUIRED FRONTAGE SETBACK AND BUILDING STEP-BACK AT LAKE STREET, THE TEAM IS ALSO PROPOSING A COLONADE TO FURTHER IMPROVE THE PEDESTRIAN SIDEWALK CONDITION.

CONSISTENT WITH THE ADJACENT HUB AND JAMES DEVELOPMENTS TO THE EAST, AN OUTDOOR ROOF TERRACE IS PROPOSED FOR THE BUILDING TO TAKE ADVANTAGE OF THE GREAT VIEWS OF OUR CITY AND TO LAKE MENDOTA THAT THE SITE OFFERS.

1 SITE SECTION
1/16" = 1'-0"

LEGEND
- APARTMENT ELEVATOR STOP
- PARKING GARAGE ELEVATOR STOP

NOTE: SECTION IS CONCEPTUAL AND SITE SURVEY AND ELEVATIONS NEED TO BE VERIFIED.

SECTION

A300

STATE STREET CAMPUS GARAGE MIXED-USE

720448-01
9/26/2022

STATE STREET CAMPUS GARAGE MIXED-USE

A402
720448-01
9/26/2022

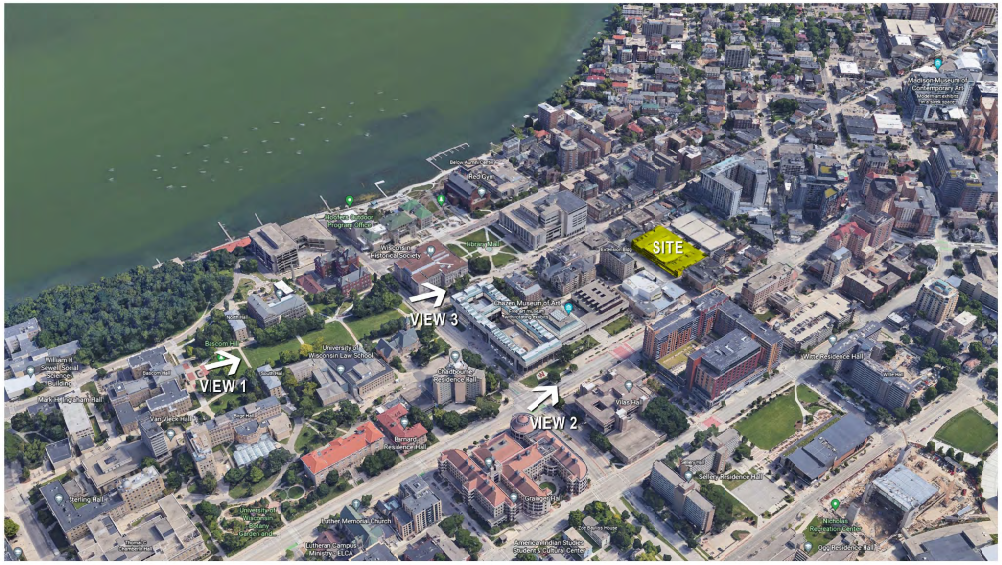
STATE STREET CAMPUS GARAGE MIXED-USE

A403
720448-01
9/26/2022

STATE STREET CAMPUS GARAGE MIXED-USE

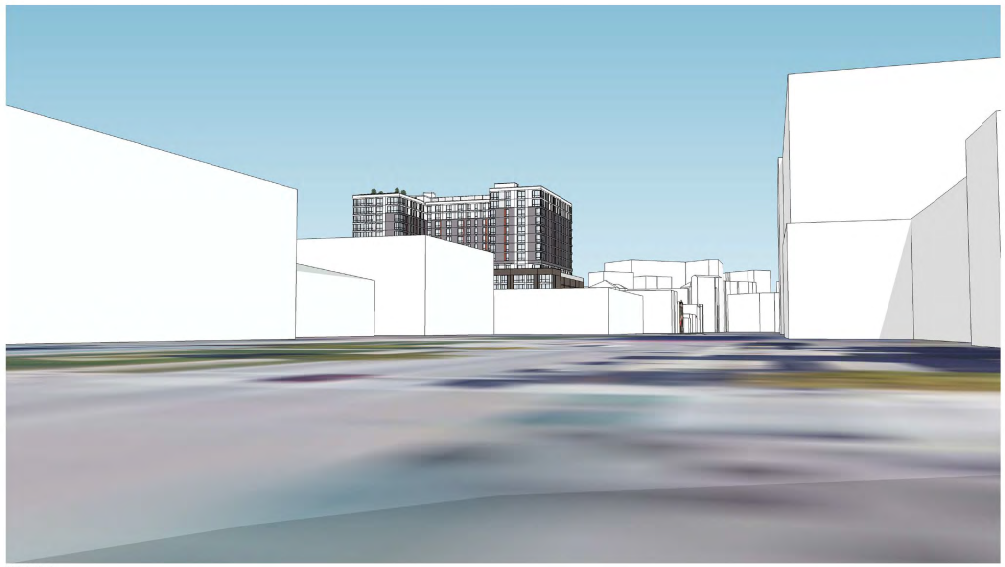
A404
720448-01
9/26/2022

STATE STREET CAMPUS GARAGE MIXED-USE

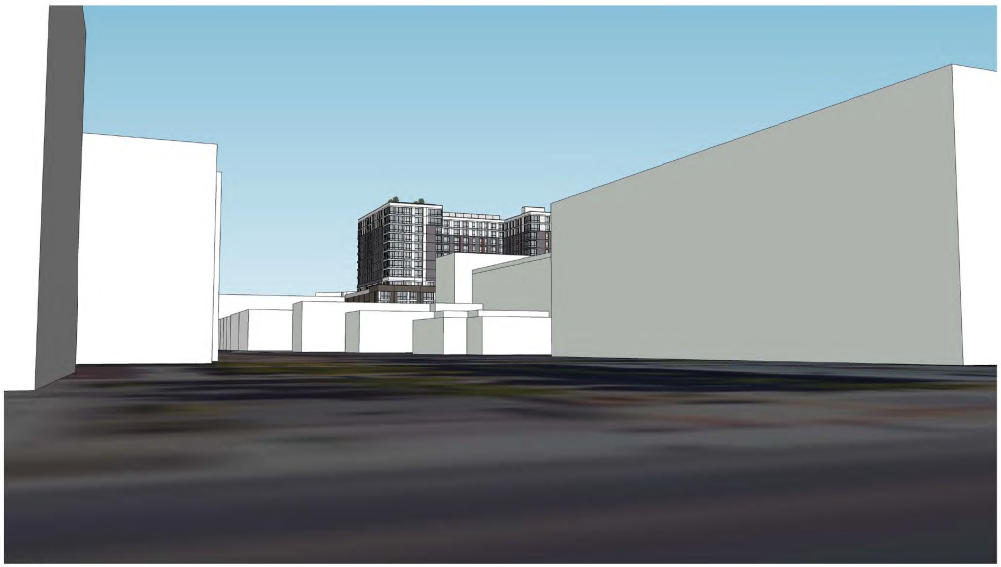


MAP OF VIEW ANGLES

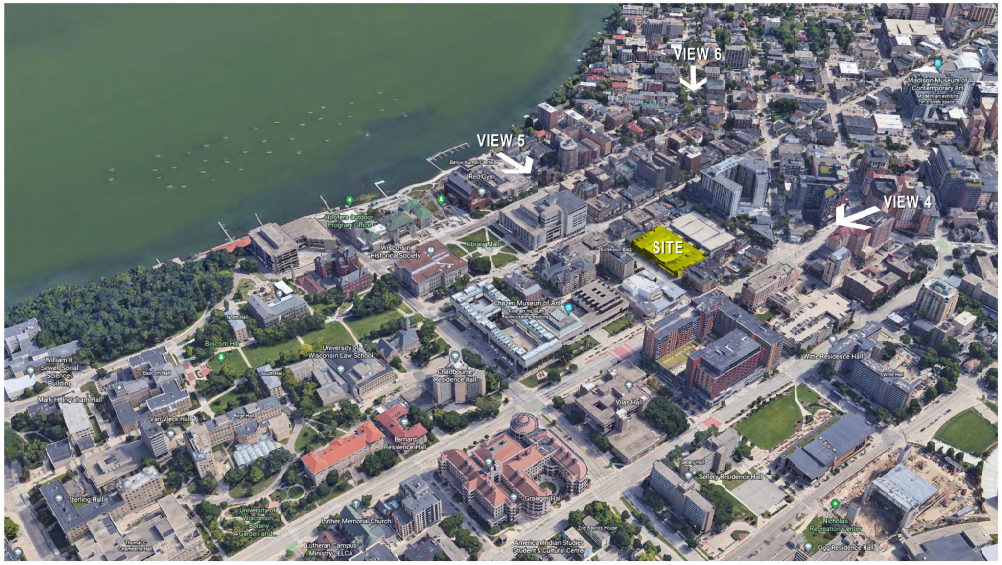
VIEW 1



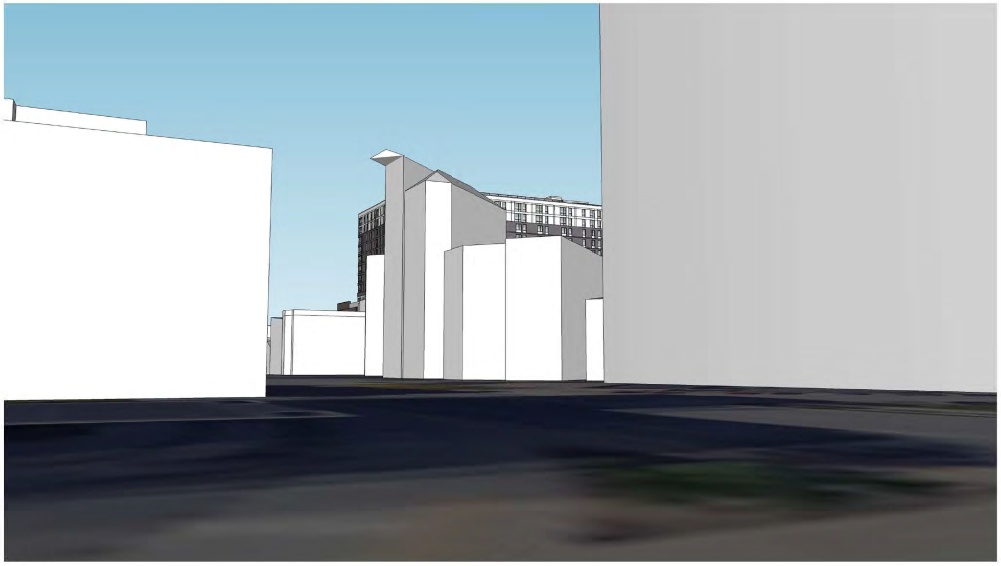
VIEW 2



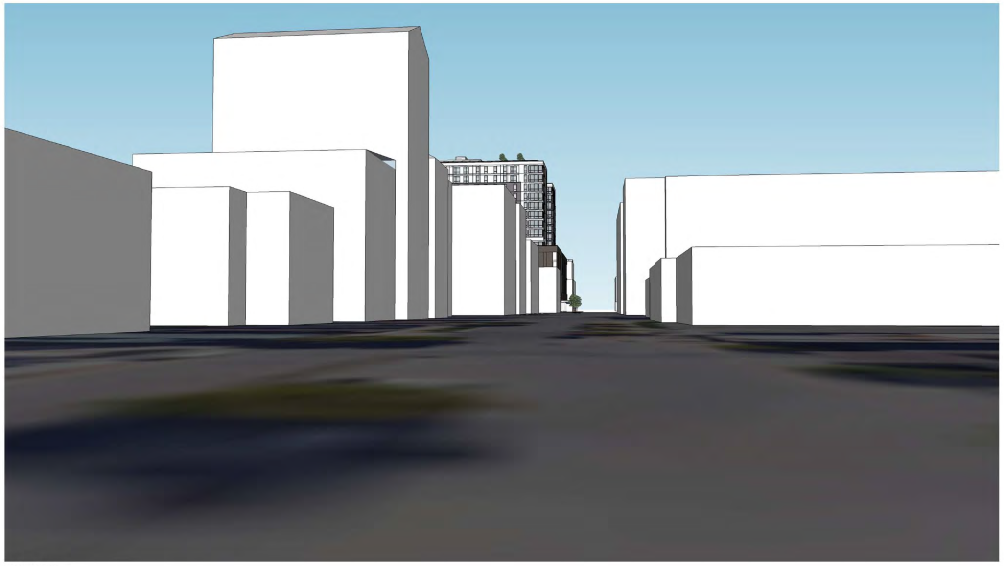
VIEW 3



MAP OF VIEW ANGLES



VIEW 4

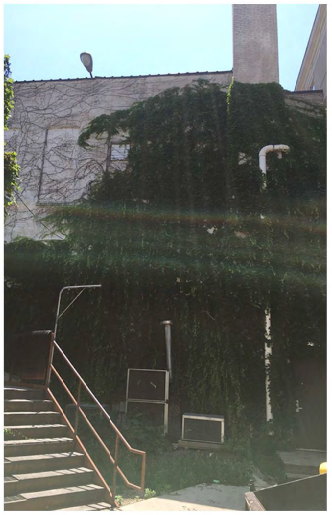


VIEW 5

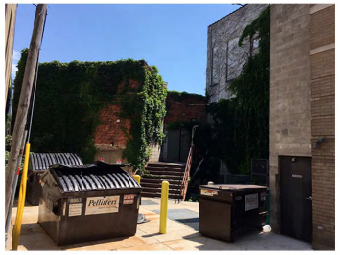
VIEW 6












CONTEXT PHOTOS

A600

STATE STREET CAMPUS GARAGE MIXED-USE

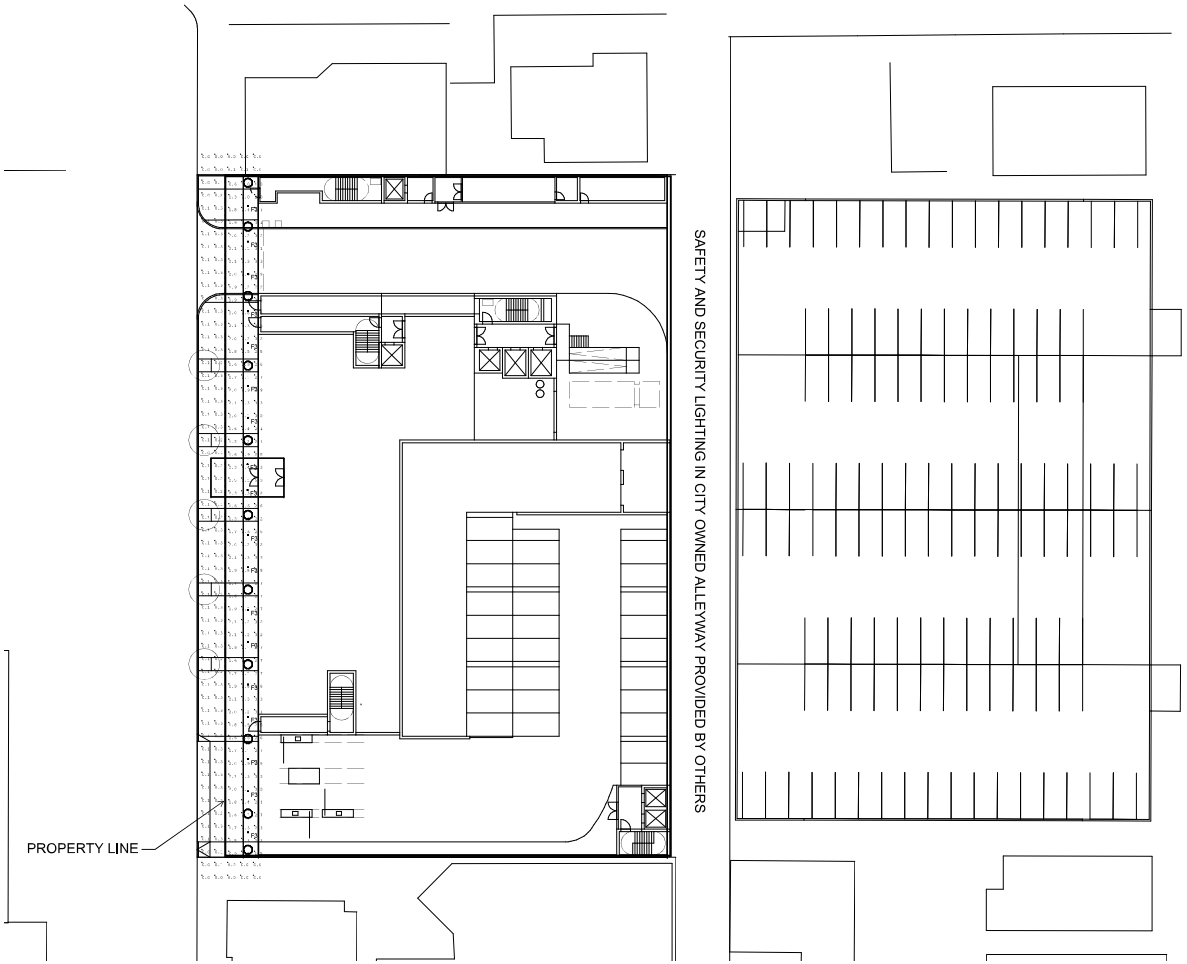
720448-01

9/26/2022

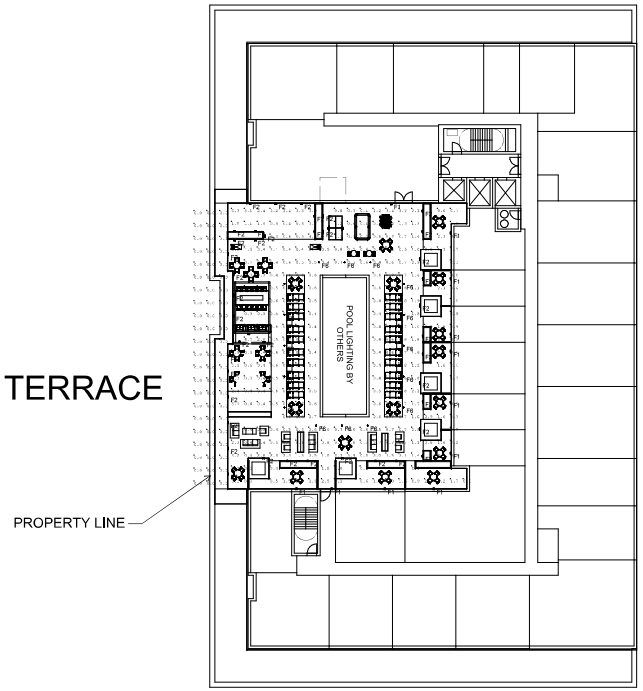
GROUND FLOOR

Luminaire Schedule								
Symbol	Qty	Description	Label	Tag	Luminaire Lumens	Luminaire Watts	Total Watts	Mounting Height
	21	700OWPIT12B-LED830	Pitch 12 Outdoor Wall	F1	604	17.5	367.5	6, 8
	93	700OSKYSN827-30x120	Krysen Step	F2	202	12.7	1181.1	2.5
	18	RECESSED DOWNLIGHT	LX4C10D010-EX4C109030-4LBWH	F3	842	9.8	176.4	12, 15
	9	303-B1-LEDB1-3500-UNV-T2-DIM10	303-B1-LEDB1-3500-UNV-T2-DIM1	F4	627	8.3	74.7	2
	3	IST-SA1A-830-U-T2	IST-SA1A-830-U-T2	F5	2203	20.1	60.3	8
	22	1900-OA-XX-12LED3025-UNV-BZ	1900-OA-XX-12LED3025-UNV-BZ	F6	216	13.9	305.8	3

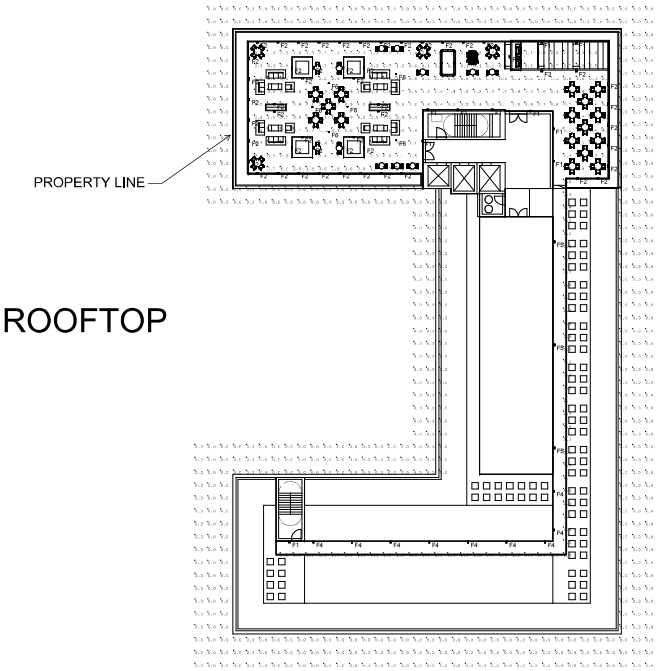
Ground Floor	Terrace Patio	Rooftop Patio
Illuminance (Fc)	Illuminance (Fc)	Illuminance (Fc)
Average = 2.50	Average = 1.30	Average = 1.96
Maximum = 5.1	Maximum = 6.3	Maximum = 6.7
Minimum = 0.6	Minimum = 0.3	Minimum = 0.4
Avg/Min Ratio = 4.17	Avg/Min Ratio = 4.33	Avg/Min Ratio = 4.9



TERRACE



ROOFTOP



STATE STREET CAMPUS GARAGE
LIGHTING PHOTOMETRIC CALCULATION

ADDRESS: 415 NORTH LAKE ST. MADISON, WI

SCALE: 5FT BETWEEN CALC POINTS

UNITS: FOOTCANDLES (fc)

BLU54 SEPTEMBER 20TH, 2022 **P1**

City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703
Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: *fire@cityofmadison.com*

Project Address:	415 N. Lake Street - State Street Campus Garage Mixed-Use Project
Contact Name & Phone #:	Michael Oates - (414) 298-2221

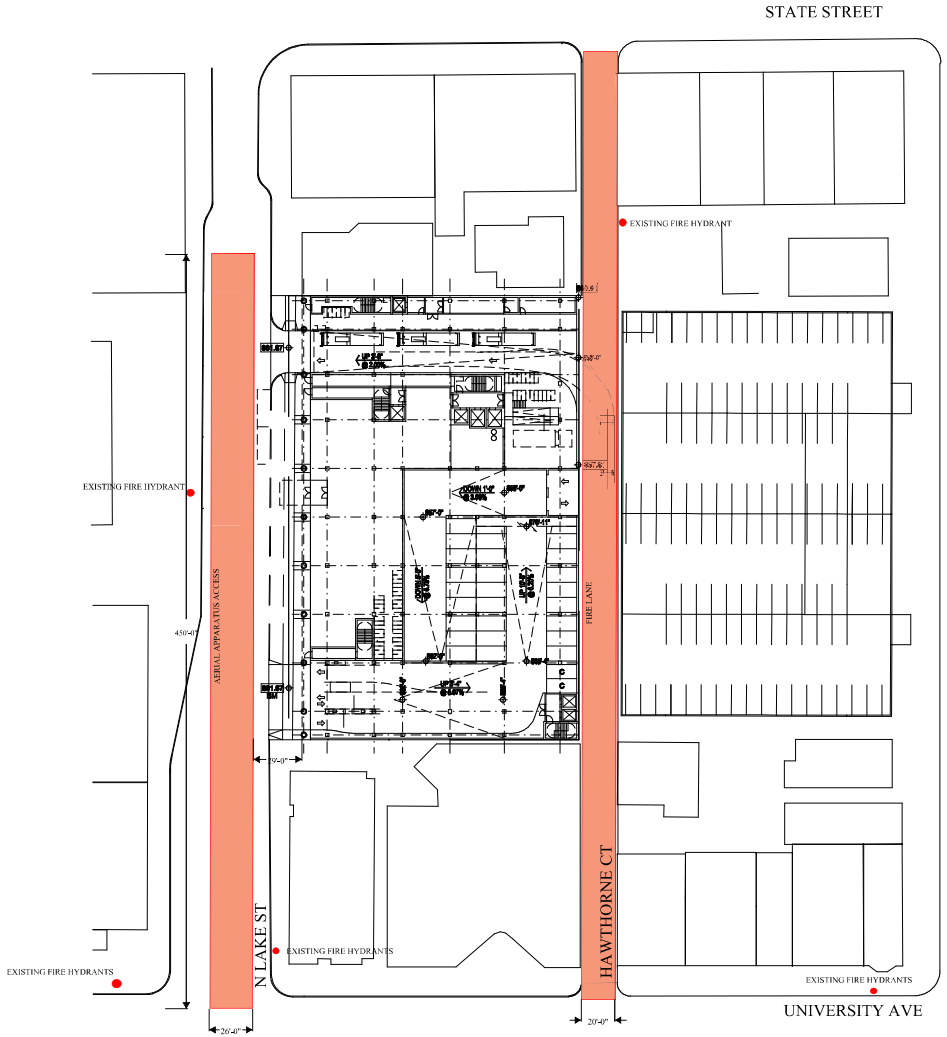
FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?	☒ Yes	☐ No	☐ N/A
If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall?	☐ Yes	☐ No	☒ N/A
If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	☒ Yes	☐ No	☐ N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs?	☒ Yes	☐ No	☐ N/A
a) Is the fire lane a minimum unobstructed width of at least 20-feet?	☒ Yes	☐ No	☐ N/A
b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?	☒ Yes	☐ No	☐ N/A
c) Is the minimum inside turning radius of the fire lane at least 28-feet?	☒ Yes	☐ No	☐ N/A
d) Is the grade of the fire lane not more than a slope of 8%?	☒ Yes	☐ No	☐ N/A
e) Is the fire lane posted as fire lane? (Provide detail of signage.)	☒ Yes	☐ No	☐ N/A
f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)	☒ Yes	☐ No	☐ N/A
g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	☒ Yes	☐ No	☐ N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:	☐ Yes	☒ No	☐ N/A
a) Is the gate a minimum of 20-feet clear opening?	☐ Yes	☐ No	☒ N/A
b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	☐ Yes	☐ No	☒ N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet?	☐ Yes	☒ No	☐ N/A
If yes, does the area for turning around fire apparatus comply with IFC D103?	☐ Yes	☐ No	☒ 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.	☐ Yes	☒ No	☐ N/A
6. Is any part of the building <u>greater than 30-feet</u> above the grade plane?	☒ Yes	☐ No	☐ N/A
If yes, answer the following questions:			
a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?	☒ Yes	☐ No	☐ N/A
b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?	☒ Yes	☐ No	☐ N/A
c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	☐ Yes	☒ No	☐ N/A
d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)	☐ Yes	☒ No	☐ N/A
e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	☒ Yes	☐ No	☐ N/A
f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	☒ Yes	☐ No	☐ N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	☒ Yes	☐ No	☐ N/A
Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.			
a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants?	☒ Yes	☐ No	☐ N/A
b) Is there at least 40' between a hydrant and the building?	☒ Yes	☐ No	☐ N/A
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?	☒ Yes	☐ No	☐ N/A
d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb?	☐ Yes	☐ No	☒ N/A
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?	☒ Yes	☐ No	☐ N/A
Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.			

Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on **MGO 34.503** and **IFC 2021 Edition Chapter 5 and Appendix D**; please see the codes for further information.

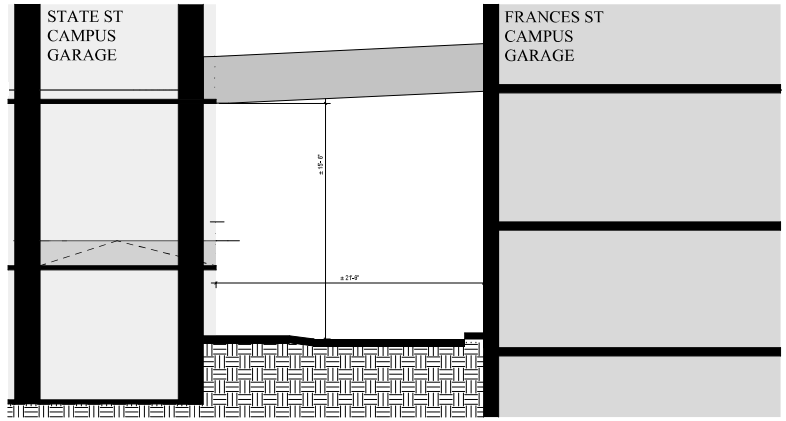
Revised 06/2022



N

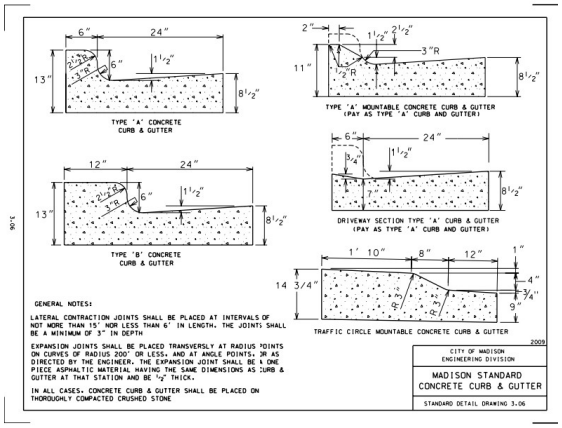
SITE

1" = 30'-0"



HAWTHORN CT SITE SECTION

1/4" = 1'-0"



MADISON CONCRETE CURB DETAIL

FIRE ACCESS PLAN