PROPOSED

Rimrock Retail

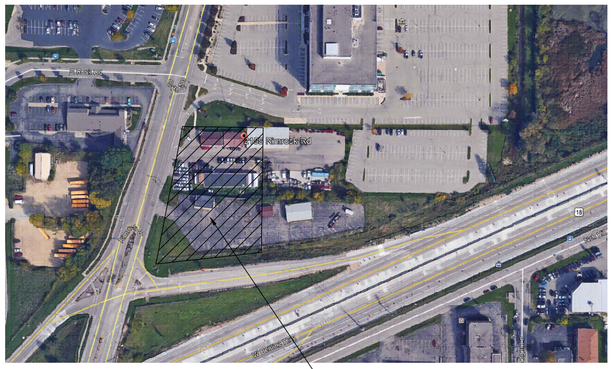
2161 Rimrock Road
Madison, Wisconsin

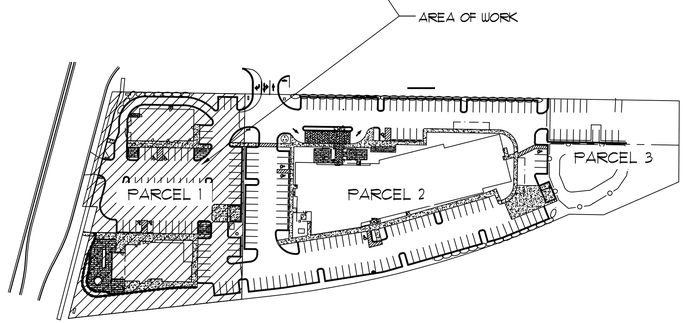
UDC/ LANDUSE SUBMITTAL
April 24, 2019

PROJECT BUILDING & PARKING MATRIX

Building	Square Footage						
A	5,300						
B	3,600						
Parking Stalls (Previously Approved Hotel)							
ACC-Parking Stalls	5		140	Total			145
Parking Stalls (Parcel #1)							
ACC-Parking Stalls	4		69	Total			73
Site Information							Area Total
By Parcels	Parcel #1	1.44 acres	Parcel #2	2.72 acres	Parcel #3	.28 acres	3. acres

PROJECT LOCATION MAP





CONDITIONAL USE APPROVED AS PART OF HOTEL
PROJECT LEGISTAR #49924 & 50223 (LNDUSE 2018-00001)

SHEET INDEX:

GBA
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2248 DEMING WAY. STE. 120
MIDDLETON, WI 53562
(608) 829-1750
(608) 829-3056 (FAX)

DEVELOPER:
MADISON RIMROCK LODGING INVESTORS I, LLC.
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200
MIDDLETON. WISCONSIN 53562
PHONE: (608) 662-3631
EMAIL: AINMAN@NCGHOTELS.COM
CONTACT: ANDY INMAN

ARCHITECT:
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CIVIL ENGINEER / LANDSCAPE ARCHITECT
VIERBICHER
N27 W23957 PAUL ROAD, SUITE 105
PEWAUKEE, WISCONSIN 53072
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EMAIL: JKAS@VIERBICHER.COM
CONTACT: JOHN KASTNER

PROJECT:
RIMROCK RETAIL
2161 RIMROCK ROAD
MADISON, WI 53713

CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200
MIDDLETON, WI 54562

PROJECT: 201732.1
DRAWN BY: DSD
DATE:
SCALE: AS NOTED
CITY SUBMITTAL 04-10-2019

TITLE BLOCK

T-1

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING FLAG POLE
- EXISTING MAILBOX
- EXISTING MONITORING WELL
- EXISTING POST
- EXISTING SIGN (TYPE NOTED)
- EXISTING PARKING METER
- EXISTING CURB INLET
- EXISTING ENDWALL
- EXISTING FIELD INLET RECTANGULAR
- EXISTING FIELD INLET
- EXISTING ROOF DRAIN CLEANOUT
- EXISTING ROOF DRAIN
- EXISTING STORM MANHOLE
- EXISTING STORM MANHOLE RECTANGULAR
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY MANHOLE
- EXISTING SEPTIC VENT
- EXISTING FIRE HYDRANT
- EXISTING FIRE DEPARTMENT CONNECTION
- EXISTING WATER MAIN VALVE
- EXISTING CURB STOP
- EXISTING WELL
- EXISTING WATER MANHOLE
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING AIR CONDITIONING PEDESTAL
- EXISTING DOWN GUY
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC RECTANGULAR MANHOLE
- EXISTING ELECTRIC PEDESTAL
- EXISTING TRANSFORMER
- EXISTING ELECTRIC METER
- EXISTING GUY POLE
- EXISTING LIGHT POLE
- EXISTING GENERIC LIGHT
- EXISTING UTILITY POLE
- EXISTING TV MANHOLE
- EXISTING TV RECTANGULAR MANHOLE
- EXISTING TV PEDESTAL
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED MANHOLE
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING HANDICAP PARKING
- EXISTING TRAFFIC SIGNAL
- EXISTING SHRUB
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING BORING

TOPOGRAPHIC LINEWORK LEGEND

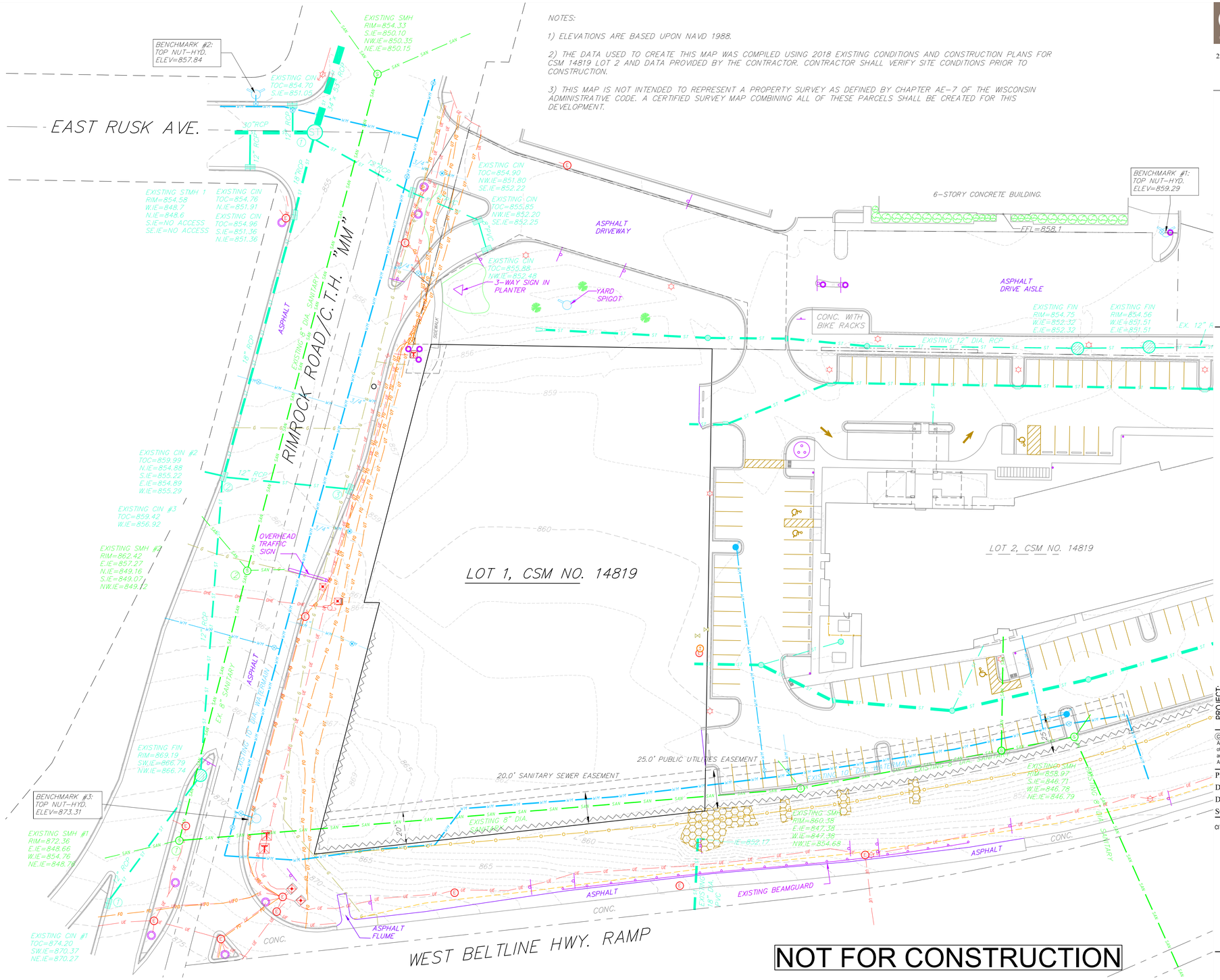
- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD CABLE TV
- EXISTING FIBER OPTIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING RETAINING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING GENERAL FENCE
- EXISTING WIRE FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING GUY LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD GENERAL UTILITIES
- EXISTING SANITARY FORCE MAIN (SIZE NOTED)
- EXISTING SANITARY SEWER LINE (SIZE NOTED)
- EXISTING STORM SEWER LINE (SIZE NOTED)
- EXISTING EDGE OF TREES
- EXISTING WATER MAIN (SIZE NOTED)
- EXISTING WETLAND DELINEATION
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- WDOT NO ACCESS

NOTES:

1) ELEVATIONS ARE BASED UPON NAVD 1988.

2) THE DATA USED TO CREATE THIS MAP WAS COMPILED USING 2018 EXISTING CONDITIONS AND CONSTRUCTION PLANS FOR CSM 14819 LOT 2 AND DATA PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION.

3) THIS MAP IS NOT INTENDED TO REPRESENT A PROPERTY SURVEY AS DEFINED BY CHAPTER AE-7 OF THE WISCONSIN ADMINISTRATIVE CODE. A CERTIFIED SURVEY MAP COMBINING ALL OF THESE PARCELS SHALL BE CREATED FOR THIS DEVELOPMENT.



NOT FOR CONSTRUCTION

EXISTING CONDITIONS PLAN

1"=30'

0' 15' 30' 60' 90'

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PROJECT:
RIMROCK RETAIL
2161 RIMROCK ROAD
MADISON, WI 53713

CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1660 ASPEN COMMONS, SUITE 200

PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

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

SAWCUT AND REMOVE SIDEWALK PER CITY OF MADISON PLANS.

SAWCUT AND REMOVE CURB AND ASPHALT PAVEMENT

REMOVE WHEEL STOPS UPON COMPLETION OF PARKING LOT IMPROVEMENTS

ABANDON WATER LATERAL PER CITY OF MADISON REQUIREMENTS (TYP.)

REMOVE WHEEL STOPS UPON COMPLETION OF PARKING LOT IMPROVEMENTS

CONC. WITH BIKE RACKS

RIMROCK ROAD/C.T.H. "MM"

EXISTING 10" DIA. WATERMAIN

EXISTING 6" DIA. WATERMAIN

CONC.

NOT FOR CONSTRUCTION

DEMOLITION PLAN

1" = 20'

0' 10' 20' 40' 60'

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DEMOLITION PLAN

C101

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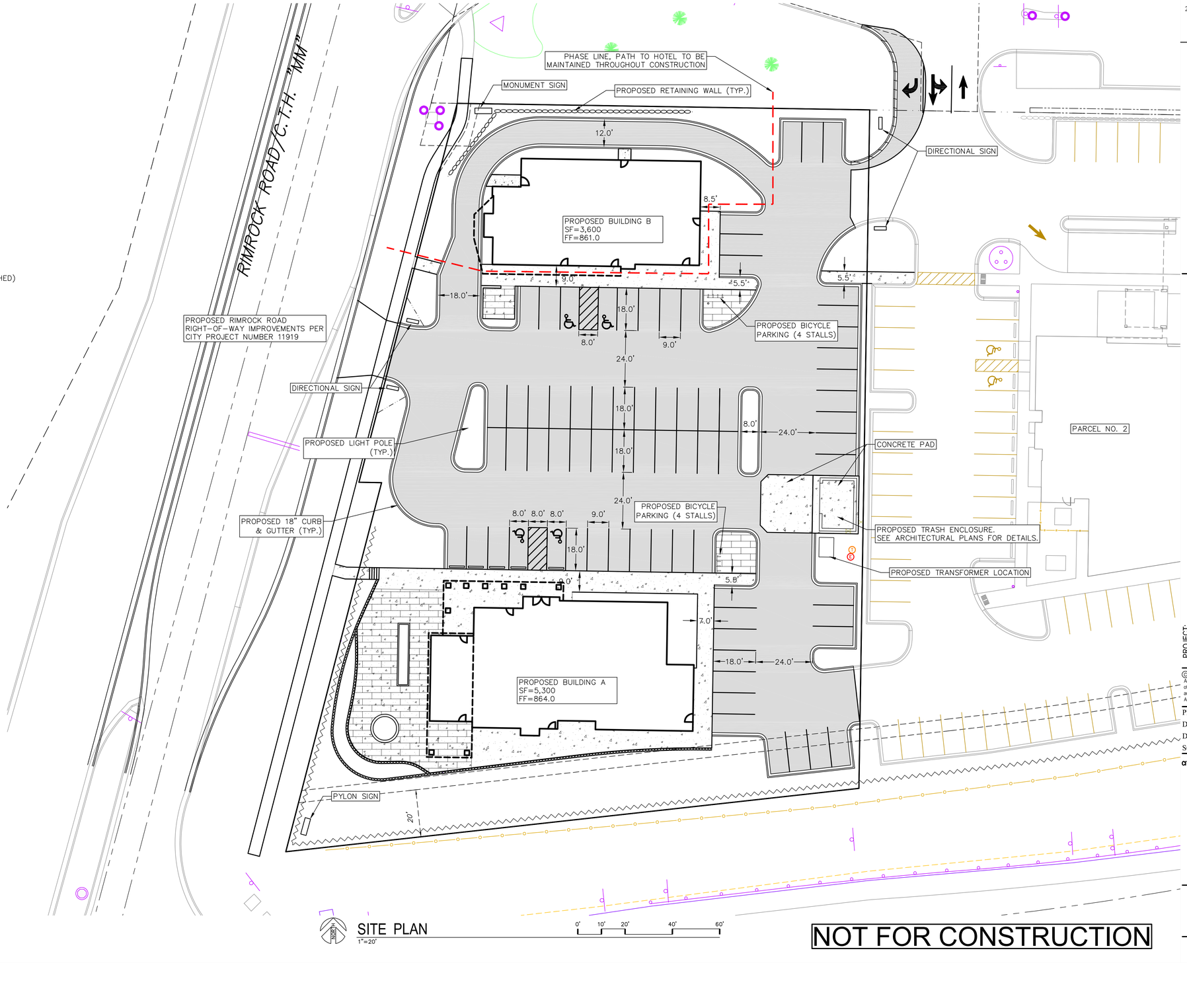

SITE PLAN LEGEND

- PROPERTY BOUNDARY
- PROPERTY FUTURE VISION TRIANGLE
- CURB AND GUTTER (REVERSE CURB HATCHED)
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE
- PROPOSED POROUS PAVEMENT
- PROPOSED HEAVY-DUTY ASPHALT
- PROPOSED LIGHT-DUTY ASPHALT
- PROPOSED LIGHT POLE

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION TO PUBLIC PROPERTY, PRIVATE PROPERTY OR UTILITIES. CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER THAT ABUTS THE PROPERTY THAT IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER, WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER, PRIOR TO PLACING AN ORDER OF ANY SUCH ITEM.
3. RIGHT OF WAY (ROW) AND PROPERTY LINES ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
4. DIMENSIONS RELATING TO CURB ARE TO FACE OF CURB.
5. CROSS-SLOPE OF SIDEWALKS SHALL BE 2% UNLESS OTHERWISE NOTED.
6. LONGITUDINAL GRADE OF SIDEWALK RAMPS SHALL NOT EXCEED 8.33% (1:12) AND SHALL BE IN ACCORDANCE WITH ADA REQUIREMENTS.
7. LONGITUDINAL GRADE OF SIDEWALK SHALL NOT EXCEED 5.0% OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER.
8. ACCESSIBLE ROUTES SHALL BE 5% MAX LONGITUDINAL SLOPE AND 2% MAX CROSS SLOPE. ACCESSIBLE LOADING AREAS OR LANDINGS SHALL BE 2% MAX SLOPE IN ANY DIRECTION. RAMPS SHALL BE 8.33% MAX SLOPE.
9. ALL PUBLIC IMPROVEMENTS AND WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COMPLETED PER THE CITY ISSUED PLANS, PROJECT NUMBER XXXXX.
10. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
11. ALL DAMAGE TO THE PAVEMENT ON RIMROCK ROAD ADJACENT TO THE DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY'S PAVEMENT PATCHING CRITERIA.
12. ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.
13. PROVIDE ALL NECESSARY TEMPORARY TRAFFIC CONTROL PER MUTCD AND CITY OF MADISON REQUIREMENTS.

SITE PLAN
1"=20'

0' 10' 20' 40' 60'

NOT FOR CONSTRUCTION

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PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

SITE PLAN

C200

GRADING LEGEND

- 820 — EXISTING MAJOR CONTOURS
- 818 EXISTING MINOR CONTOURS
- 820 PROPOSED MAJOR CONTOURS
- 818 PROPOSED MINOR CONTOURS
- DITCH CENTERLINE
- SILT FENCE OR SILT SOCK
- DISTURBED LIMITS
- BERM
- DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- 1048.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS
- STONE WEEPER
- VELOCITY CHECK
- INLET PROTECTION
- EROSION MAT CLASS I TYPE A
- EROSION MAT CLASS III TYPE B (TRM)
- TRACKING PAD
- RIP RAP

ABBREVIATIONS

TC – TOP OF CURB
FF – FINISHED FLOOR
FL – FLOW LINE
SW – TOP OF WALK
TW – TOP OF WALL
BW – BOTTOM OF WALL

GRADING NOTES:

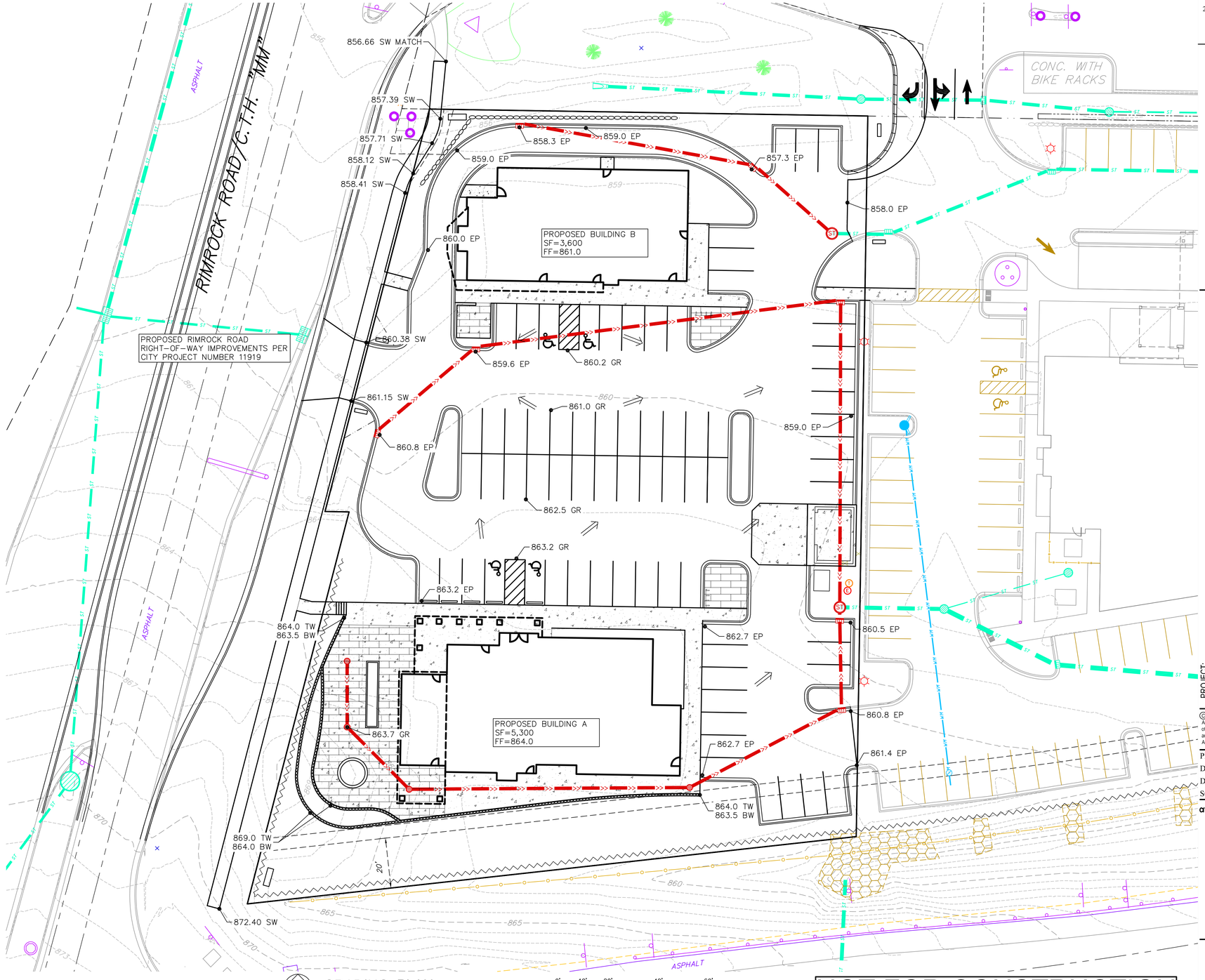
1. ALL GRADES SHOWN ARE FINISHED GRADES. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.

2. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.

3. NEW GRADES ARE DESIGNED TO PRODUCE DESIRED CONFIGURATION OF SITE AND DO NOT REPRESENT A BALANCE BETWEEN CUT AND FILL. CONTRACTOR IS RESPONSIBLE FOR PERFORMING HIS OWN ANALYSIS OF EXISTING AND PROPOSED GRADES TO CALCULATE SITE BALANCE AND ANY REQUIRED SOIL IMPORT OR EXPORT. ALL SOIL IMPORT AND EXPORT, EXCEPT AS DESCRIBED IN THE SPECIFICATIONS FOR EXCAVATION BELOW SUBGRADE AND REMOVAL OF UNSUITABLE MATERIAL, IS INCLUDED IN THE SCOPE OF THE PROJECT EARTHWORK TO BE PERFORMED AS PART OF THE CONTRACT WITH NO ADDITIONAL COSTS.

4. ALL PUBLIC IMPROVEMENTS AND WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COMPLETED PER THE CITY ISSUED PLANS, PROJECT NUMBER XXXXX.

5. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.



GRADING PLAN
1"=20'

0' 10' 20' 40' 60'

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2161 RIMROCK ROAD
MADISON, WI 53713

CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200

PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

GRADING PLAN

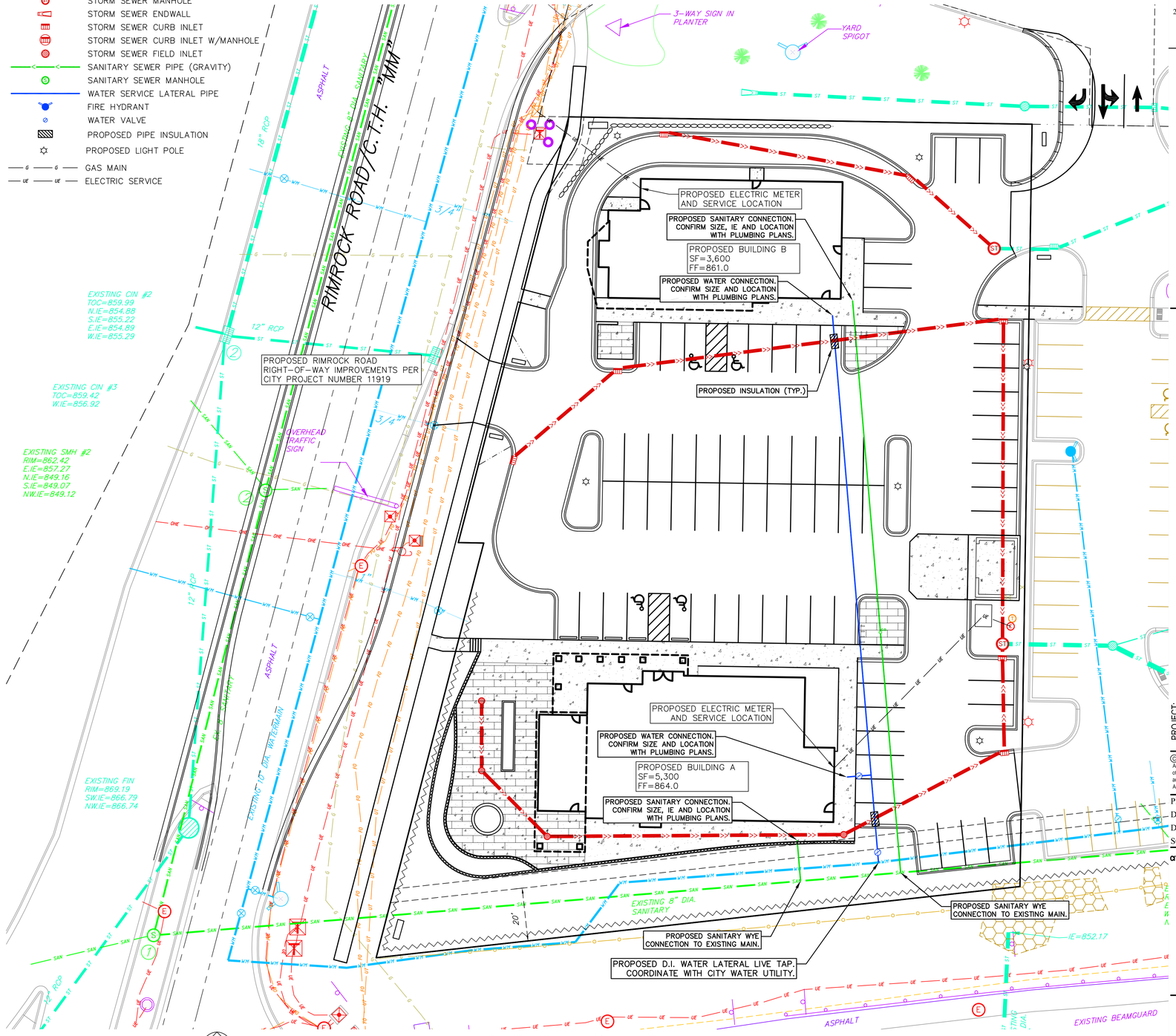
C300

UTILITY NOTES:

1. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
2. 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.
3. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
5. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
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)(c).
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)(c).
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. NEW SANITARY MANHOLE TO BE CONSTRUCTED WITH FLAT CAP OR ECCENTRIC CONE. OPENING FOR ACCESS TO BE ROTATED SUCH THAT MANHOLE FRAME AND GRATE IS WITHIN PROPOSED PARKING AREA. CONTRACTOR TO CONFIRM THAT PROPOSED FRAME AND GRATE WILL FALL WITHIN PARKING AREA PRIOR TO CONSTRUCTING MANHOLE AND ADVISE THE CONSULTANT OF ANY DISCREPANCIES.
25. ALL PUBLIC IMPROVEMENTS AND WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COMPLETED PER THE CITY ISSUED PLANS, PROJECT NUMBER XXXXX.
26. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

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
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER MANHOLE
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- PROPOSED PIPE INSULATION
- PROPOSED LIGHT POLE
- GAS MAIN
- ELECTRIC SERVICE



NORTH

UTILITY PLAN
1"=20'
0' 10' 20' 40' 60'

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SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

UTILITY PLAN
C400

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. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE SITE HAS 70% ESTABLISHED VEGETATION.

11. USE DETENTION BASINS AS SEDIMENT BASINS DURING CONSTRUCTION. AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.

12. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET.

13. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. OTHER AREAS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.

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. 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.

17. INSTALL MINIMUM 6'-7' WIDE EROSION MAT ALONG THE BACK OF CURB AFTER TOPSOIL HAS BEEN PLACED IN THE TERRACE IF THIS AREA WILL NOT BE SEEDED AND MULCHED WITHIN 48 HOURS OF PLACING TOPSOIL.

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

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

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

21. 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.

22. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY DANE COUNTY LAND CONSERVATION OR PERMITTING MUNICIPALITY.

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

CONSTRUCTION SEQUENCE:

1. INSTALL SILT FENCE, INLET PROTECTION IN EXISTING STORM INLETS WHERE INDICATED, AND TRACKING PAD
2. DEMOLITION PER PLAN
3. STRIP TOPSOIL-DETENTION BASIN
4. ROUGH GRADE-DETENTION BASIN
5. SEED AND EROSION MAT DETENTION BASIN
6. STRIP TOPSOIL
7. ROUGH GRADE
8. CONSTRUCT UNDERGROUND UTILITIES
9. INSTALL INLET PROTECTION
10. CONSTRUCT SITE IMPROVEMENTS
11. RESTORE ALL DISTURBED AREAS
12. REMOVE INLET PROTECTION AND SILT FENCE ONCE SITE HAS 70% ESTABLISHED VEGETATION
13. INSTALL OIL & GREASE FILTERS WHERE INDICATED ON GRADING AND EROSION CONTROL PLAN

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.

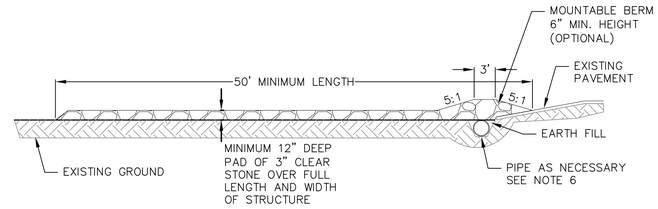
PERMANENT:
1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

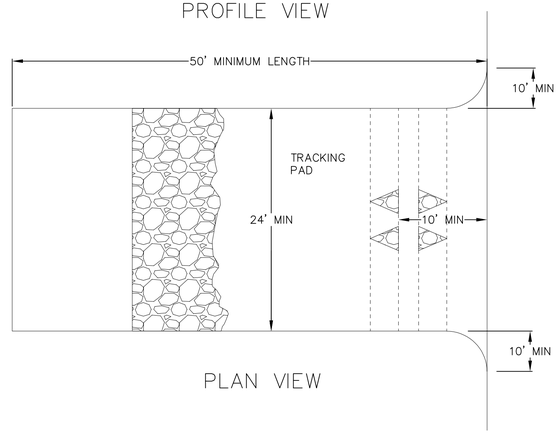
TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

TEMPORARY AND PERMANENT:
USE ½" TO 1-½" 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



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.

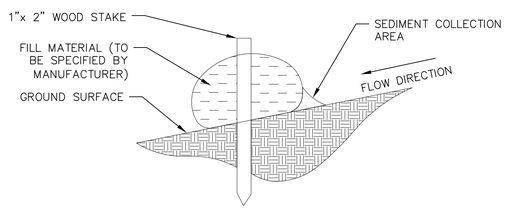
4. ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.

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

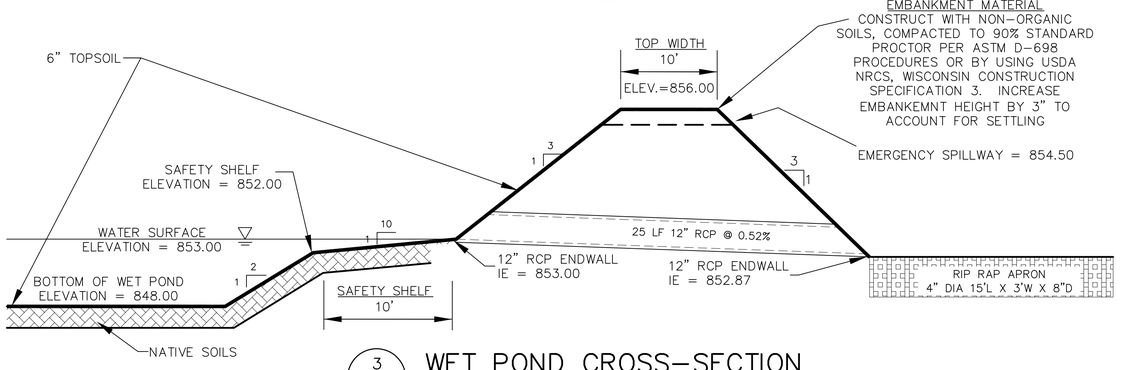
6. SURFACE WATER – ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER 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 C500 TRACKING PAD
NOT TO SCALE



2 C500 SILT SOCK
NOT TO SCALE



3 C500 WET POND CROSS-SECTION
NOT TO SCALE

NOT FOR CONSTRUCTION

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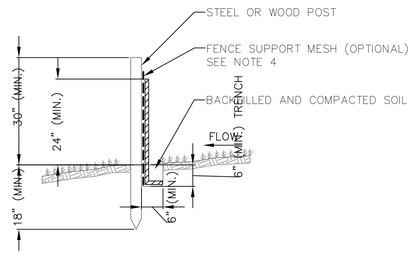
PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

CONSTRUCTION DETAILS

C500

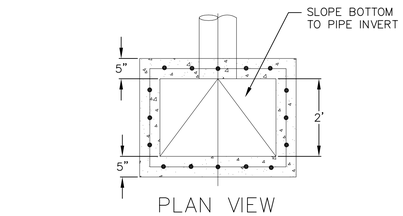


NOTES:

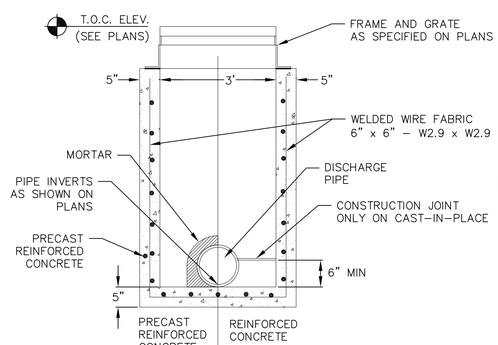
1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)

   POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
4. 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

1 / C501 — SILT FENCE
NOT TO SCALE

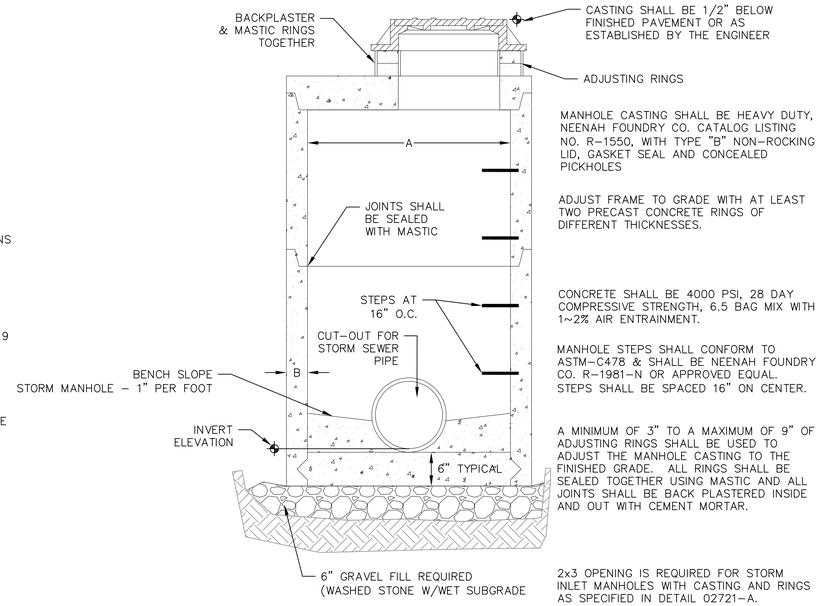


PLAN VIEW



CROSS SECTION

2 / C501 — CURB INLET – TYPE 3, 2' x 3' BASIN
NOT TO SCALE



MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY CO. CATALOG LISTING NO. R-1550, WITH TYPE "B" NON-ROCKING LID, GASKET SEAL AND CONCEALED PICKHOLES

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES.

CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM-C478 & SHALL BE NEENAH FOUNDRY CO. R-1981-N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

2x3 OPENING IS REQUIRED FOR STORM INLET MANHOLES WITH CASTING AND RINGS AS SPECIFIED IN DETAIL 02721-A.

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

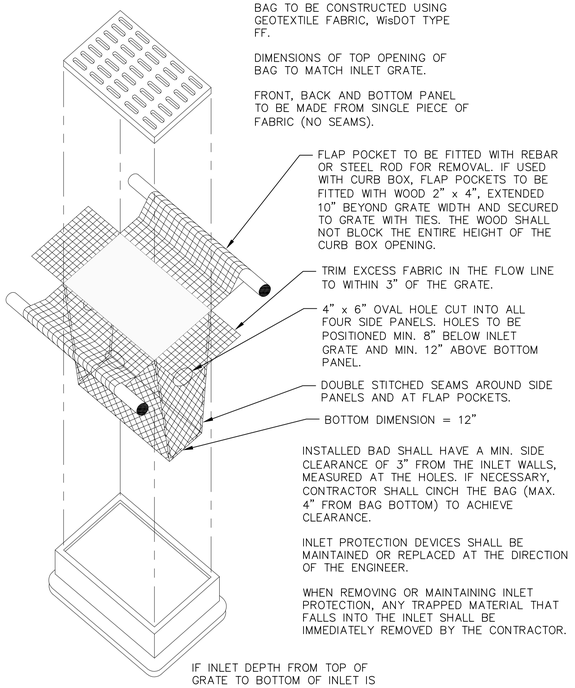
STORM MANHOLE DIMENSIONS

3 / C501 — STORM SEWER MANHOLE
NOT TO SCALE

BAG TO BE CONSTRUCTED USING GEOTEXTILE FABRIC, WisDOT TYPE FF.

DIMENSIONS OF TOP OPENING OF BAG TO MATCH INLET GRATE.

FRONT, BACK AND BOTTOM PANEL TO BE MADE FROM SINGLE PIECE OF FABRIC (NO SEAMS).



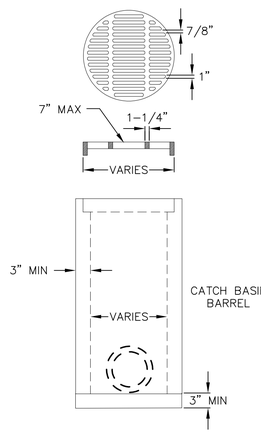
INSTALLED BAD SHALL HAVE A MIN. SIDE CLEARANCE OF 3" FROM THE INLET WALLS, MEASURED AT THE HOLES. IF NECESSARY, CONTRACTOR SHALL CINCH THE BAG (MAX. 4" FROM BAG BOTTOM) TO ACHIEVE CLEARANCE.

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, ANY TRAPPED MATERIAL THAT FALLS INTO THE INLET SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

IF INLET DEPTH FROM TOP OF GRATE TO BOTTOM OF INLET IS LESS THAN 30", CONTRACTOR SHALL SUBSTITUTE WisDOT TYPE C INLET PROTECTION.

4 / C501 — INLET PROTECTION TYPE D
NOT TO SCALE



CONTRACTOR TO VERIFY COMPATIBILITY OF FRAME AND GRATE WITH CATCH BASIN PRIOR TO PROCUREMENT.

FRAME AND GRATE AS SPECIFIED ON THE PLANS. WHERE NOT OTHERWISE SPECIFIED, FRAME AND GRATE SHALL ADHERE TO THE FOLLOWING:

GRATE IS CAST GRAY IRON MANUFACTURED TO MEET ASTM A-48 CLASS 35 B AND AASHTO M105 SPECIFICATIONS

GRATES ARE AASHTO H20 LOAD RATED

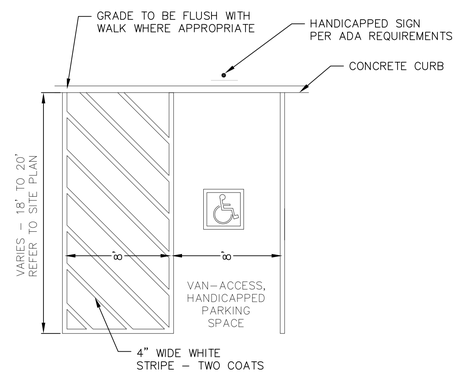
GRATE SETS FLUSH WITH TOP OF CATCH BASIN BELL

PRECAST REINFORCED CONCRETE CATCH BASIN IN MANUFACTURED TO MEET ASTM C-478 AND AASHTO M199 SPECIFICATIONS

CATCH BASIN JOINT MATERIAL: CONSEAL CS-102 AND/OR CS-202 OR EQUIVALENT WHICH MEETS OR EXCEEDS FEDERAL SPECIFICATION SS-S-210 (210A), AASHTO M-198B AND ASTM C-990

PIPE TO CATCH BASIN CONNECTORS: KOR-N-SEAL OR EQUIVALENT WHICH MEETS OR EXCEEDS REQUIREMENTS OF ASTM C-923

5 / C501 — 24" – DIA. FIELD INLET (FI) & GRATE
NOT TO SCALE



6 / C501 — HANDICAP STRIPING
NOT TO SCALE

NOT FOR CONSTRUCTION

CONSTRUCTION DETAILS
C501

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CLIENT:
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1600 ASPEN COMMONS, SUITE 200

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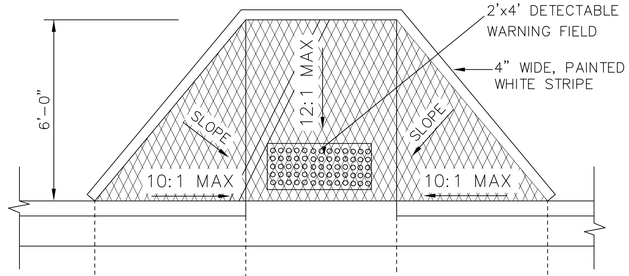
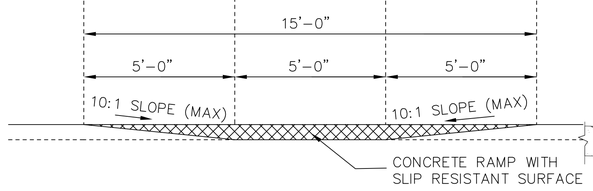
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019



RAMP PLAN VIEW



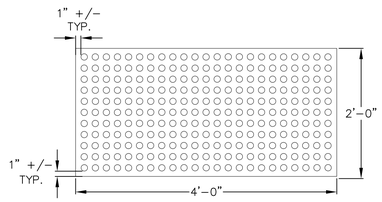
RAMP PROFILE VIEW

GENERAL NOTES

RAMPS SHALL BE BUILT AT 12:1 OR FLATTER. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

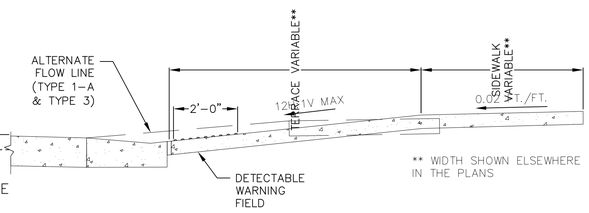
THE RAMP SHALL BE BORDERED ON BOTH SIDES AND ON THE CURB LINE WITH A 4 INCH WIDE YELLOW STRIPE OR WITH BRICK OF A CONTRASTING COLOR. NORMALLY THE PAINT STRIPE ALTERNATE WILL BE USED. THE CONTRACTOR WILL APPLY THIS STRIPING UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.

IF THE OWNER REQUIRES THE BRICK ALTERNATE, SPECIAL DETAILS AND PROVISIONS ARE SHOWN ELSEWHERE IN THE PLANS.



PLAN VIEW

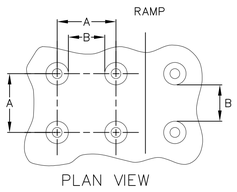
DETECTABLE WARNING FIELD (TYPICAL)



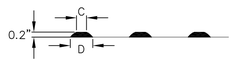
SECTION B-B

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION



PLAN VIEW

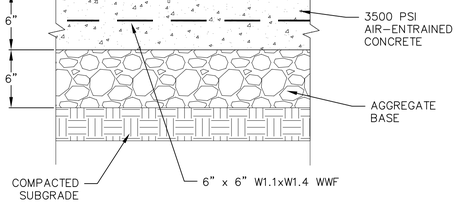


ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING
PATTERN DETAIL

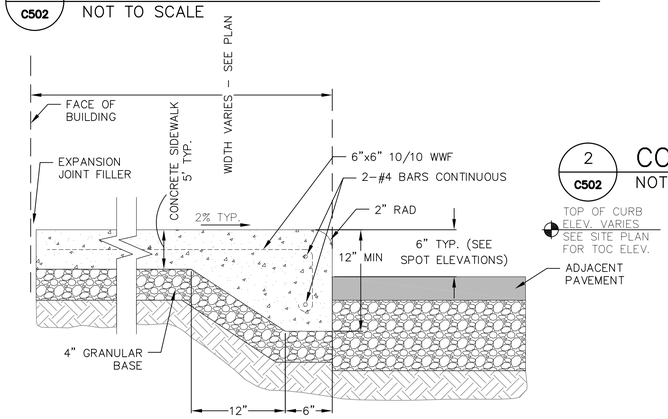
NOTE: TRUNCATED DOMES SHALL BE MANUFACTURED BY NEENAH FOUNDRY OR APPROVED EQUAL

1 C502 SITE HANDICAP RAMP
NOT TO SCALE



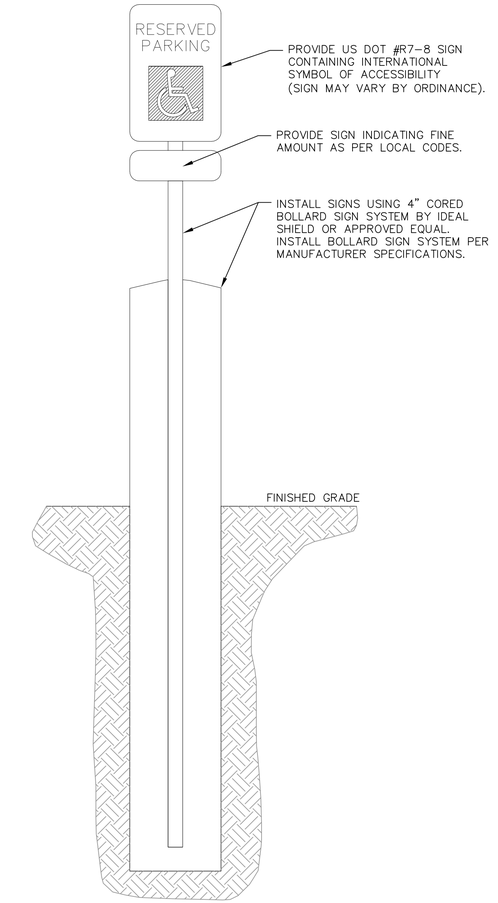
NOTE: ALL WWF SHALL BE EPOXY COATED

2 C502 CONCRETE PAD
NOT TO SCALE

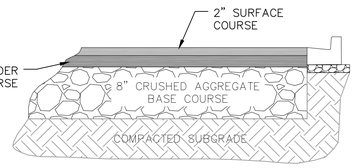


NOTE: ALL REBAR AND WWF SHALL BE EPOXY COATED

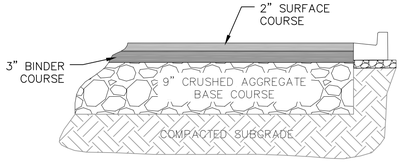
4 C502 CURBED SIDEWALK DETAIL (INTEGRAL)
NOT TO SCALE



3 C502 HANDICAP/HILTON HONORS PARKING SIGN
NOT TO SCALE



LIGHT-DUTY BITUMINOUS PAVEMENT PARKING LOT



HEAVY-DUTY BITUMINOUS PAVEMENT PARKING LOT

5 C502 SITE PAVEMENT
NOT TO SCALE

NOT FOR CONSTRUCTION

CONSTRUCTION DETAILS
C502

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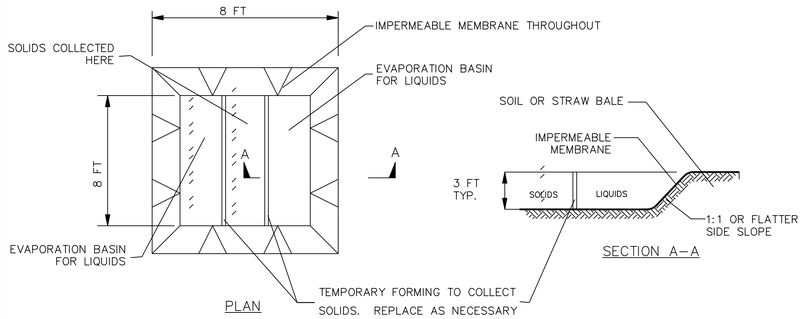
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

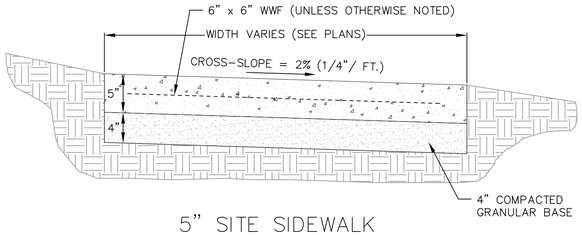
CONSTRUCTION SPECIFICATIONS

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.

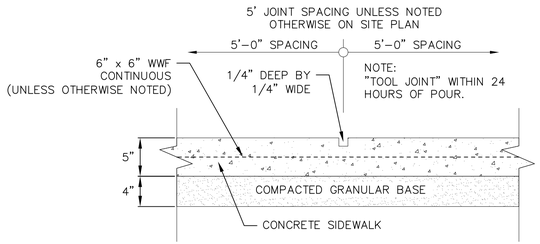


EXCAVATED WASHOUT STRUCTURE

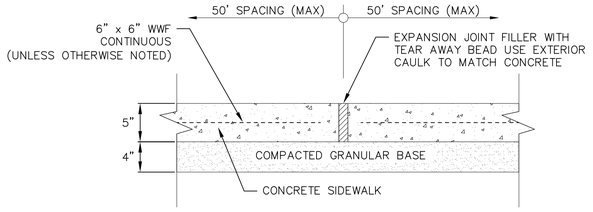
1 C503 CONCRETE WASHOUT AREA
NOT TO SCALE



5" SITE SIDEWALK



SIDEWALK CONTROL JOINT



SIDEWALK EXPANSION JOINT

NOTE: ALL WWF SHALL BE EPOXY COATED

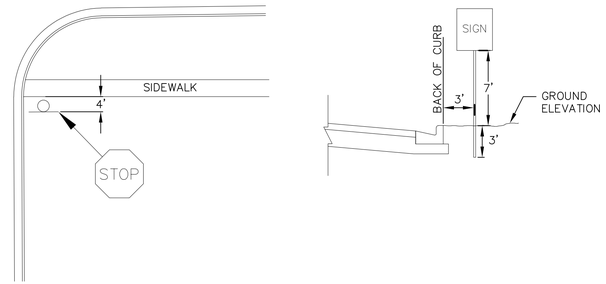
3 C503 5" SIDEWALK
NOT TO SCALE

4 C503 STANDARD TRENCH SECTION
NOT TO SCALE

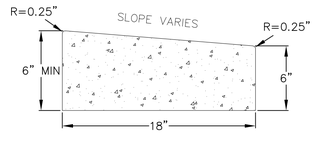
NOT FOR CONSTRUCTION

SIGNAGE NOTES:

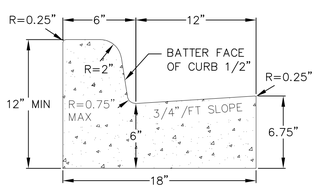
1. ALL SIGNS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. SIGNS SHALL BE A DISTANCE OF 7' FROM GROUND LEVEL TO THE BOTTOM OF THE SIGN MOUNTED ON THE POST AND LOCATED 3' BEHIND THE BACK OF CURB.
3. STREET NAME SIGNS SHALL HAVE WHITE LETTERS AND GREEN BACKGROUND.
4. SIGN POSTS SHALL BE 2-3/8" O.D., GALVANIZED 10 FT LONG, 13 GAUGE, AND 0.095 WALL THICKNESS. MOUNT SIGN AT TOP OF THE POST, AND INSTALL POSTS 3' DEEP AND MIX 1/2 BAG OF 80 LB SAKRETE CONCRETE, POURING IT AROUND THE POST BELOW THE GROUND BEFORE COVERING WITH 8" OF TOPSOIL.



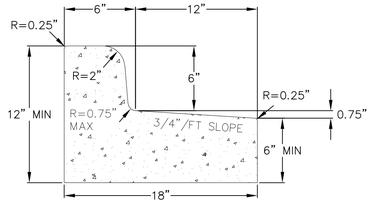
2 C503 STOP SIGN
NOT TO SCALE



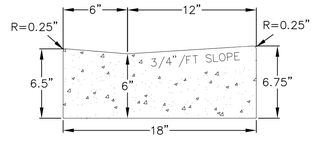
RIBBON CURB
CROSS SECTION



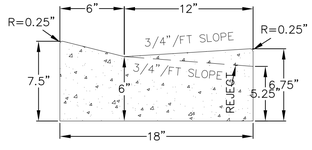
CURB AND GUTTER
CROSS SECTION



CURB AND GUTTER
REJECT SECTION



HANDICAP RAMP
GUTTER CROSS SECTION



ROLL FACE GUTTER
CROSS SECTION

5 C503 18" CONCRETE CURB AND GUTTER
NOT TO SCALE

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PROJECT:
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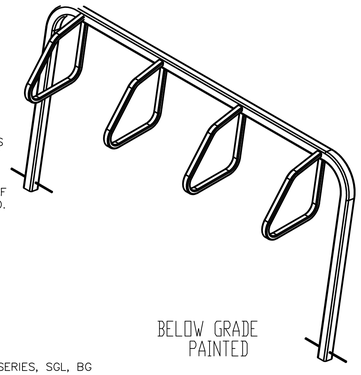
2161 RIMROCK ROAD
MADISON, WI 53713

CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200

PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

CONSTRUCTION DETAILS
C503

NOT FOR CONSTRUCTION



CITY RACK, 2400 SERIES, SGL, BG

SARIS CYCLING GROUP

WE BRING CYCLING TO LIFE

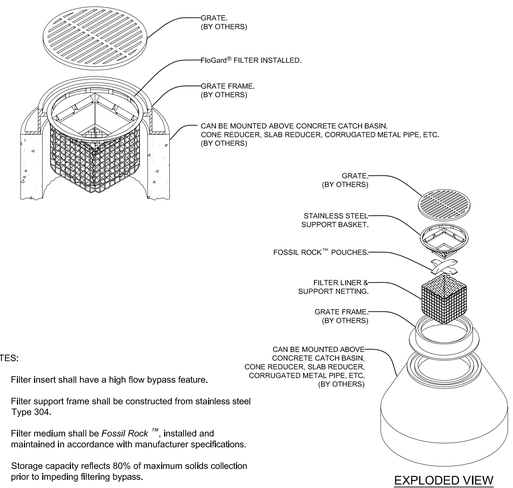
5253 VERONA RD, MADISON WI 53711
1-800-793-7257 / 1-608-274-1702
WWW.SARISPARKING.COM

NOTES:
1. DO NOT SCALE DRAWING.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. WEIGHT IS RACK ONLY, NOT TO BE CONSIDERED AS SHIPPING WEIGHT.
4. FINISHING OPTIONS INCLUDE SUPER DURABLE POLYESTER POWDERCOAT AND HOT DIP GALVANIZING.
5. SEE WEBSITE OR CATALOG FOR POLYESTER POWDERCOAT COLOR OPTIONS.

1 / C504 BIKE RACK DETAIL (4–STALL SHOWN)
NOT TO SCALE

FGP-0003

SPECIFIER CHART					
MODEL NUMBER	INLET ID (Ø INCHES)	GRATE OD (Ø INCHES)	SOLIDS STORAGE CAPACITY (CU FT)	FILTERED FLOW (CFS)	TOTAL BYPASS CAPACITY (CFS)
FGP-RF15F	16	18	0.3	0.4	2.8
FGP-RF18F	18	20	0.8	0.7	4.7
FGP-RF20F	20	23	0.8	0.7	4.7
FGP-RF21F	21	23.5	0.8	0.7	4.7
FGP-RF22F	22	24	0.8	0.7	4.7
FGP-RF24F	24	26	0.8	0.7	4.7
FGP-RF30F	30	32	2.2	1.5	6.1
FGP-RF36F	36	39	3.6	2.0	8.1



EXPLODED VIEW
SCALE: 1/2

NOTES:
1. Filter insert shall have a high flow bypass feature.
2. Filter support frame shall be constructed from stainless steel Type 304.
3. Filter medium shall be *Fossil Rock ™*, installed and maintained in accordance with manufacturer specifications.
4. Storage capacity reflects 80% of maximum solids collection prior to impeding filtering bypass.

FloGard®
Catch Basin Insert Filter
Circular Frame Style
Inlet Filtration

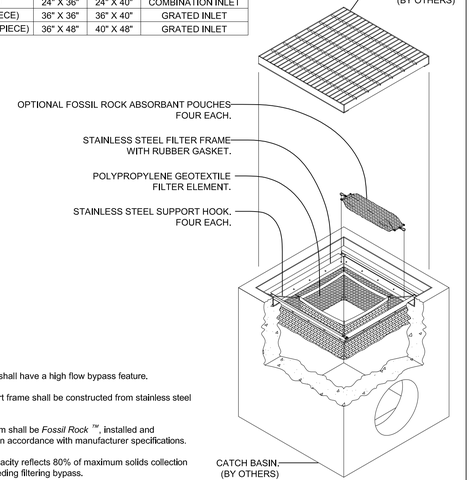
Oldcastle® Stormwater Solutions
7921 Southpark Plaza, Suite 200 | Littleton, CO | 80120 | Ph: 800.579.8819 | oldcastlestormwater.com

DRAWING NO.	REV.	ECO	DATE	SHEET
FGP-0003	D	ECO-0142 JPR 7/13/16	JPR 4/4/07	SHEET 1 OF 1

3 / C504 OIL & GREASE INLET FILTER (CIRCULAR)
NOT TO SCALE

FG-0001

SPECIFIER CHART			
MODEL	INLET ID	GRATE OD	COMMENTS
FF-12D	12" X 12"	15" X 15"	GRATED INLET
FF-16D	16" X 16"	18" X 18"	GRATED INLET
FF-18D	18" X 18"	20" X 20"	GRATED INLET
FF-1836SD	18" X 36"	18" X 40"	GRATED INLET
FF-1836DGO	18" X 36"	18" X 40"	COMBINATION INLET
FF-24D	24" X 24"	26" X 26"	GRATED INLET
FF-2436SD	24" X 36"	24" X 40"	GRATED INLET
FF-24DGO	24" X 24"	18" X 26"	COMBINATION INLET
FF-2436DGO	24" X 36"	24" X 40"	COMBINATION INLET
FF-36D (2 PIECE)	36" X 36"	36" X 40"	GRATED INLET
FF-3648D (2 PIECE)	36" X 48"	40" X 48"	GRATED INLET



NOTES:
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3. Filter medium shall be *Fossil Rock ™*, installed and maintained in accordance with manufacturer specifications.
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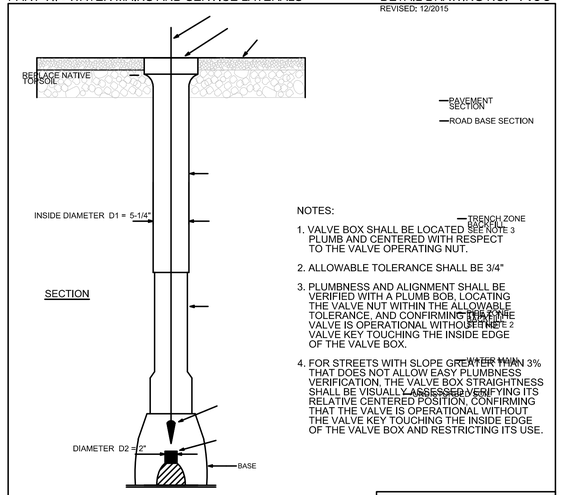
DRAWING NO.	REV.	ECO	DATE	SHEET
FG-0001	E	ECO-0142 JPR 7/13/16	JPR 12/18/06	SHEET 1 OF 2

4 / C504 OIL & GREASE INLET FILTER (RECTANGULAR)
NOT TO SCALE

PART VII - WATER MAINS AND SERVICE LATERALS — DETAIL DRAWING NO. 7.06
REVISED: 12/2015

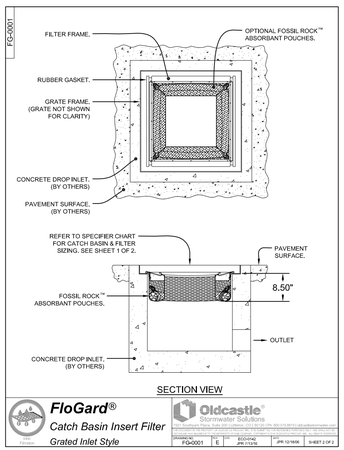


NOTES:
1. VALVE BOX SHALL BE LOCATED PLUMB AND CENTERED WITH RESPECT TO THE VALVE OPERATING NUT. SEE NOTE 3
2. ALLOWABLE TOLERANCE SHALL BE 3/4"
3. PLUMBNESS AND ALIGNMENT SHALL BE VERIFIED WITH A PLUMB BOB, LOCATING THE VALVE NUT WITHIN THE ALLOWABLE TOLERANCE, AND CONFIRMING THAT THE VALVE IS OPERATIONAL WITHOUT THE VALVE KEY TOUCHING THE INSIDE EDGE OF THE VALVE BOX. SEE NOTE 2
4. FOR STREETS WITH SLOPE GREATER THAN 3% THAT DOES NOT ALLOW EASY PLUMBNESS VERIFICATION, THE VALVE BOX STRAIGHTNESS SHALL BE VISUALLY ASSESSED VERIFYING ITS RELATIVE CENTERED POSITION, CONFIRMING THAT THE VALVE IS OPERATIONAL WITHOUT THE VALVE KEY TOUCHING THE INSIDE EDGE OF THE VALVE BOX AND RESTRICTING ITS USE.

CITY OF MADISON WATER UTILITY	NOT TO SCALE	WATER VALVE BOX ALIGNMENT

City of Madison Standard Specifications for Public Works Construction

2 / C504 STANDARD GATE VALVE BOX SETTING
NOT TO SCALE



SECTION VIEW

FloGard®
Catch Basin Insert Filter
Grated Inlet Style
Inlet Filtration

Oldcastle® Stormwater Solutions

DRAWING NO.	REV.	ECO	DATE	SHEET
FG-0001	E	ECO-0142 JPR 7/13/16	JPR 12/18/06	SHEET 2 OF 2

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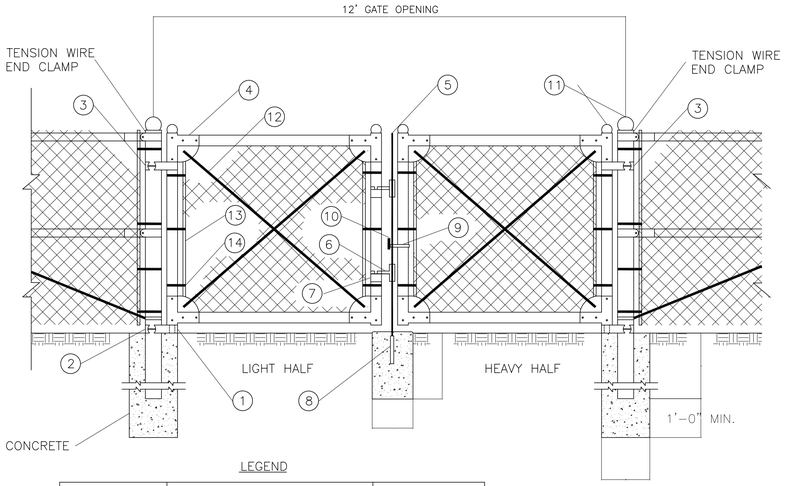
CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200

PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04–10–2019

CONSTRUCTION DETAILS
C504

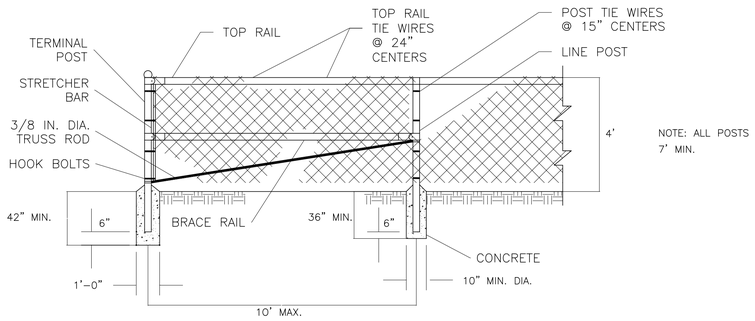
NOT FOR CONSTRUCTION



LEGEND

PART NO.	DESCRIPTION	QUANTITY
1	STRAIGHT PLUG	2
2	BOTTOM HINGE	2
3	TOP HINGE	2
4	CORNER ELBOW	8
5	PLUNGER ROD	1
6	LATCH FORK	2
7	FORK CATCH	2
8	PLUNGER ROD CATCH	1
9	LOCK KEEPER GUIDE	1
10	LOCK KEEPER	1
11	ORNAMENTAL TOPS	6
12	TRUSS RODS	4
13	STRETCHER BAR	4
14	HOOK BOLTS	12

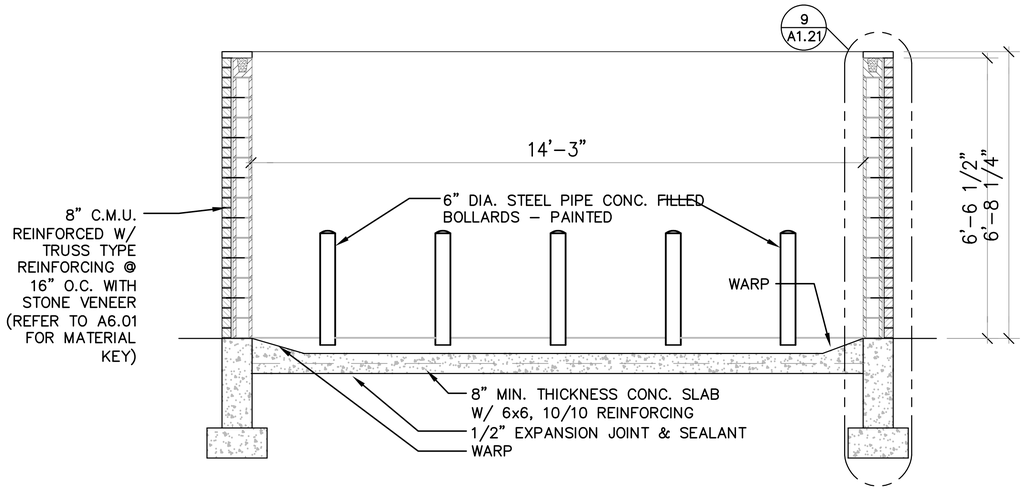
NOTE:
THE FENCING SHALL BE BLACK VINYL COATED #9 GAGE FENCE FABRIC, STANDARD 2-INCH CHAIN LINK DIAMOND MESH.



CONSTRUCTION NOTES

1. MATERIALS, INSTALLATION, AND WORKMANSHIP SHALL CONFORM TO THE MANUFACTURER'S SPECIFICATIONS. MANUFACTURER TO BE QUAL-LINE, STRUCK AND IRWIN, OR APPROVED EQUAL.
2. ALL POSTS SHALL BE INSTALLED VERTICALLY. WHERE POSTS ARE INSTALLED ON AN INCLINED SURFACE, THE ANGLE OF THE POST SHALL BE ADJUSTED SO THAT THE POST WILL BE VERTICAL.
3. THE FENCING SHALL BE BLACK VINYL COATED #9 GAUGE FENCE FABRIC, STANDARD 2 IN. CHAIN LINK DIAMOND MESH.

1 / C505 CHAIN LINK FENCE
NOT TO SCALE



2 / C505 REFUSE ENCLOSURE - LONGITUDINAL SECTION
NOT TO SCALE

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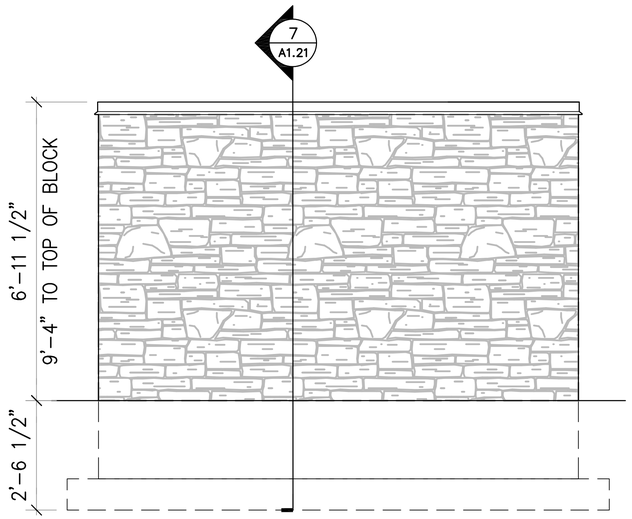
CLIENT:
RIMROCK RETAIL INVESTORS, C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200

PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

CONSTRUCTION DETAILS

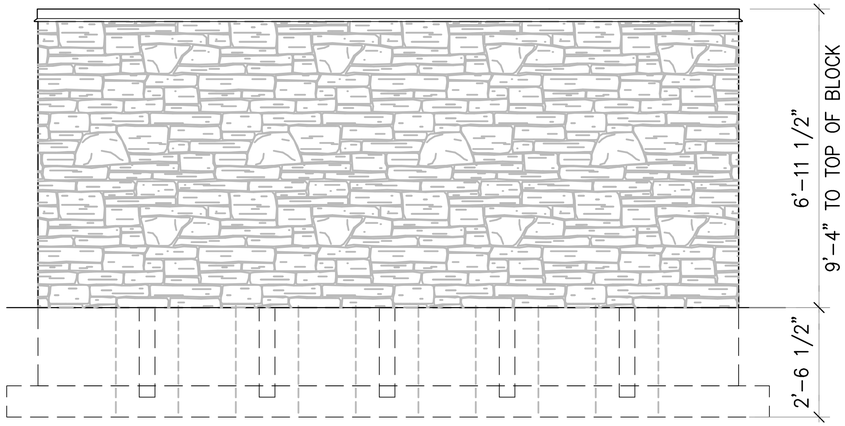
C505

NOT FOR CONSTRUCTION



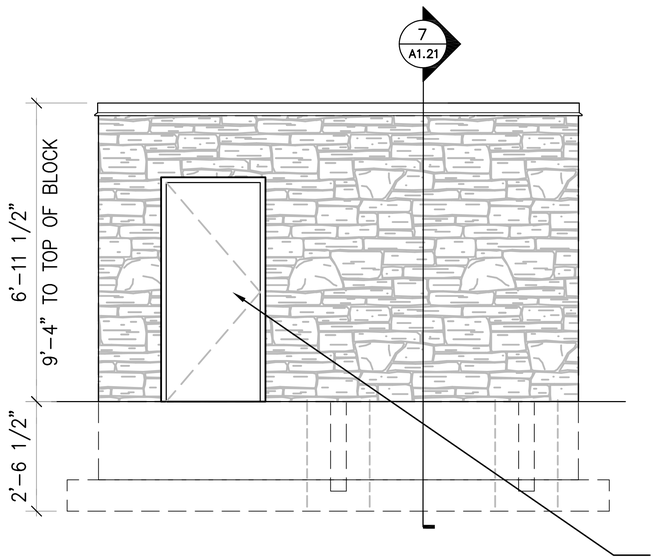
NOTE:
REFER TO BUILDING ELEVATIONS (A6.01 AND A6.02) FOR MATERIAL KEY

1 C506 REFUSE ENCLOSURE – NORTH ELEVATION
NOT TO SCALE



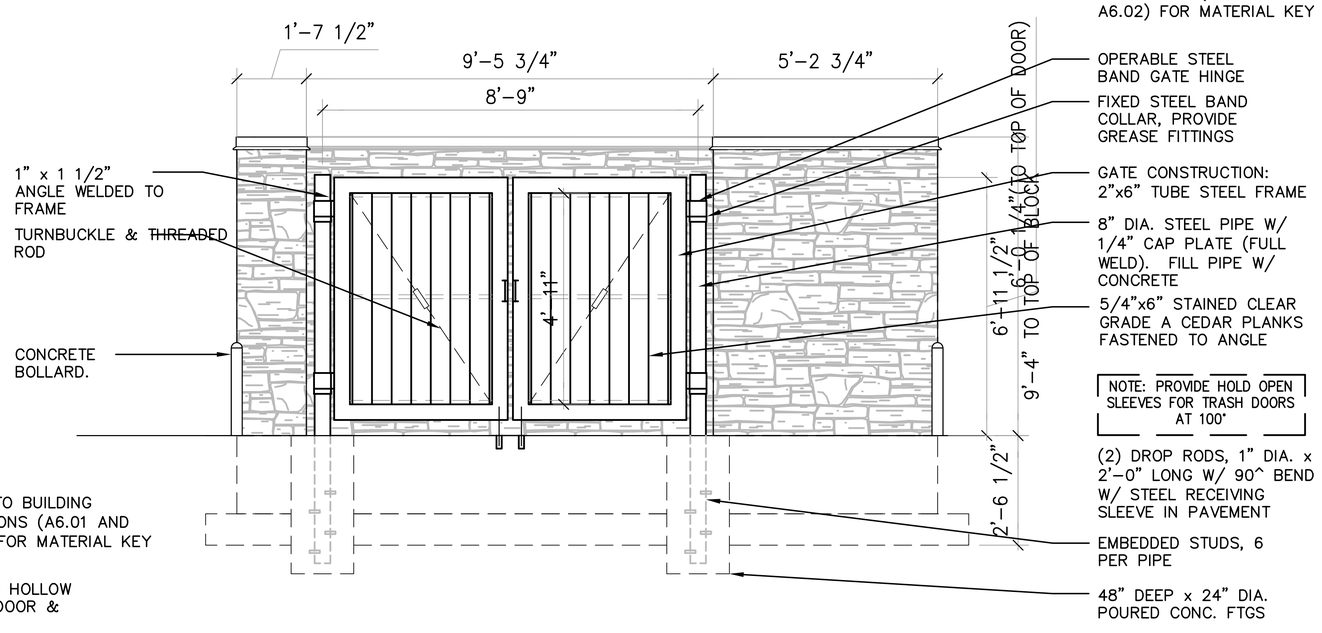
NOTE:
REFER TO BUILDING ELEVATIONS (A6.01 AND A6.02) FOR MATERIAL KEY

2 C506 REFUSE ENCLOSURE – EAST ELEVATION
NOT TO SCALE



NOTE:
REFER TO BUILDING ELEVATIONS (A6.01 AND A6.02) FOR MATERIAL KEY

3 C506 REFUSE ENCLOSURE – SOUTH ELEVATION
NOT TO SCALE



NOTE:
REFER TO BUILDING ELEVATIONS (A6.01 AND A6.02) FOR MATERIAL KEY

4 C506 REFUSE ENCLOSURE – WEST ELEVATION
NOT TO SCALE

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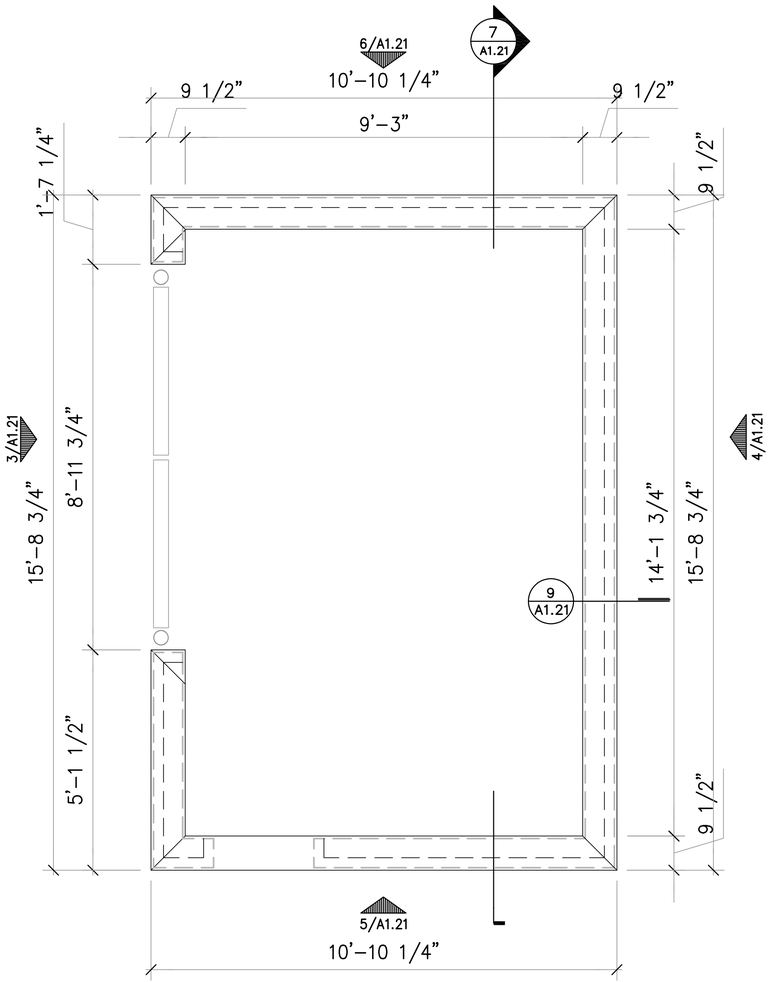
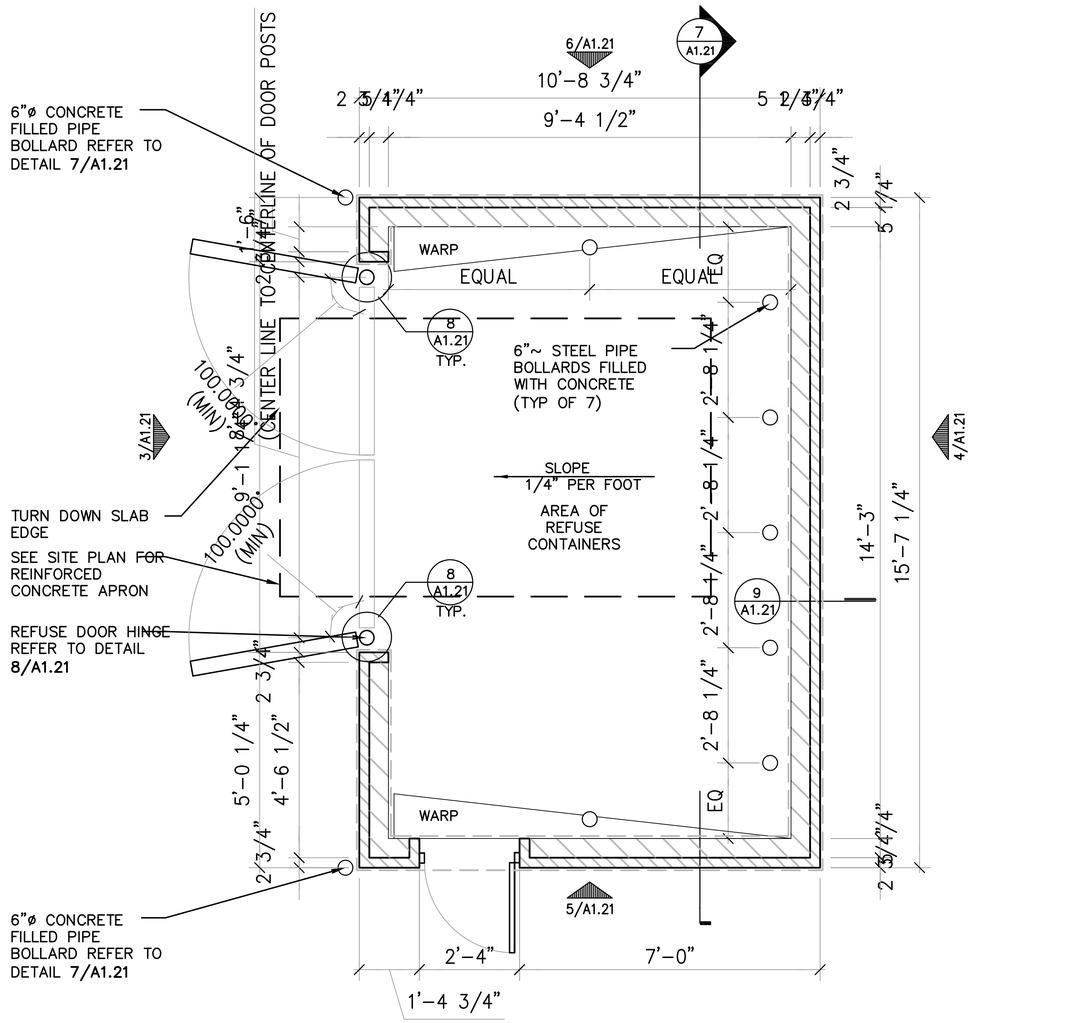
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

CONSTRUCTION DETAILS
C506

NOT FOR CONSTRUCTION



1 C507 ROOF PLAN – REFUSE/RECYCLING ENCLOSURE
NOT TO SCALE



2 C507 ENLARGED PLAN – REFUSE/RECYCLING ENCLOSURE
NOT TO SCALE

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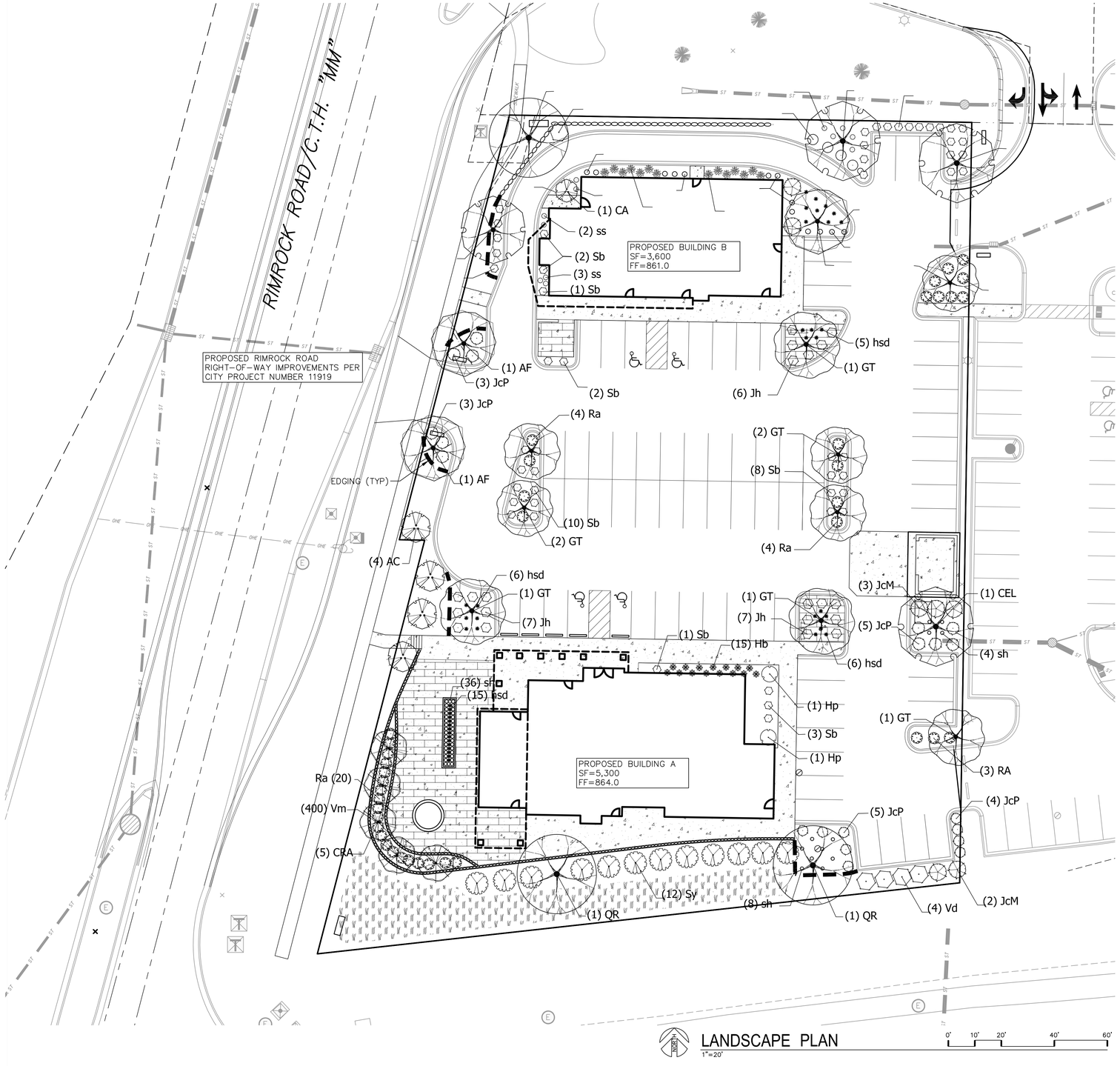
CITY SUBMITTAL	04–10–2019

CONSTRUCTION DETAILS
C507



LANDSCAPE PLAN
1"=20'

0' 10' 20' 40' 60'

GENERAL NOTES:

1. All plantings shall conform to quality requirements as per ANSI Z60.1.
2. All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climactic conditions similar to those of the project site.
3. Contact Landscape Architect, in writing, to request and plant material substitutions due to availability issues.
4. All disturbed areas, unless otherwise noted, to be seeded with Tuff-Stuff Turf 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 ½" water twice weekly until final acceptance.
5. 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.
6. 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 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
7. 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 $\frac{3}{16}$" x 4" or equal, color black anodized .

PLANT SCHEDULE LOT 1

DECIDUOUS TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY
AF	Acer freemanii `Celzam` TM / Celebration Maple	B & B	2"Cal		3
CEL	Celtis occidentalis / Common Hackberry	B & B	2.5"Cal		4
GT	Gleditsia triacanthos inermis `Skycole` TM / Skyline Thornless Honey Locust	B & B	2.5"Cal		9
QR	Quercus rubra / Red Oak	B & B	2.5"Cal		1

FLOWERING TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY
AC	Amelanchier Canadensis/Shadblow Serviceberry	B & B		6` ht.	4
CA	Cornus alternifolia / Pagoda Dogwood	B & B		6` ht. multi stem	1
CRA	Crataegus crus-galli `Inermis` / Thornless Hawthorn	B & B	1.5"Cal		5

ANNUALS/PERENNIALS	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
hsd	Hemerocallis x `Stella de Oro` / Stella de Oro Daylily	4" pot	Cont		41
hb	Hosta x `Blue Cadet` / Plantain Lily	1 gal	Cont		29
ss	Schizachyrium scoparium / Little Bluestem Grass	1 gal			12
sh	Sporobolus heterolepis / Prairie Dropseed	1 gal	Cont		68

DECIDUOUS SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
DI	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	Cont		19
Hp	Hydrangea paniculata `Limelight` TM / Limelight Hydrangea	5 gal	Cont		2
Ra	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	3 gal	Cont		38
Sb	Spiraea x bumalda `Anthony Waterer` / Anthony Waterer Spiraea	3 gal	Cont		14
Sy	Syringa vulgaris / Common Lilac	7 gal	Cont		12
Vd	Viburnum dentatum / Viburnum	5 gal	Cont		5

EVERGREEN SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
BG	Buxus x `Green Gem` / Green Gem Boxwood 2` x 2`	3 gal			13
JcM	Juniperus chinensis `Mountbatten` / Chinese Juniper	10 gal	Cont		7
JcP	Juniperus chinensis `Pfitzerana Kallays Compacta` / Kally Pfitzer Compact Juniper	5 gal	Cont		18
Jh	Juniperus horizontalis `Blue Chip` / Blue Chip Juniper	3 gal	Cont		20
TxE	Taxus x media `Everlow` / Yew	3 gal	Cont		4

GROUND COVERS	BOTANICAL NAME / COMMON NAME	CONT	FIELD2	FIELD3	SPACING	QTY
vmb	Vinca minor `Bowles` / Bowles` Common Periwinkle	flat	2" pot		18" o.c.	430

STORMWATER SEEDING LOT 1

BASIC PRAIRIE SEED MIX 2,506 sf

-

NOT FOR CONSTRUCTION

GBA
architecture | design
2248 DEMING WAY. STE. 120
MIDDLETON, WI 53562
(608) 829-1750
(608) 829-3056 (FAX)

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

PROJECT:
RIMROCK RETAIL
2161 RIMROCK ROAD
MADISON, WI 53713

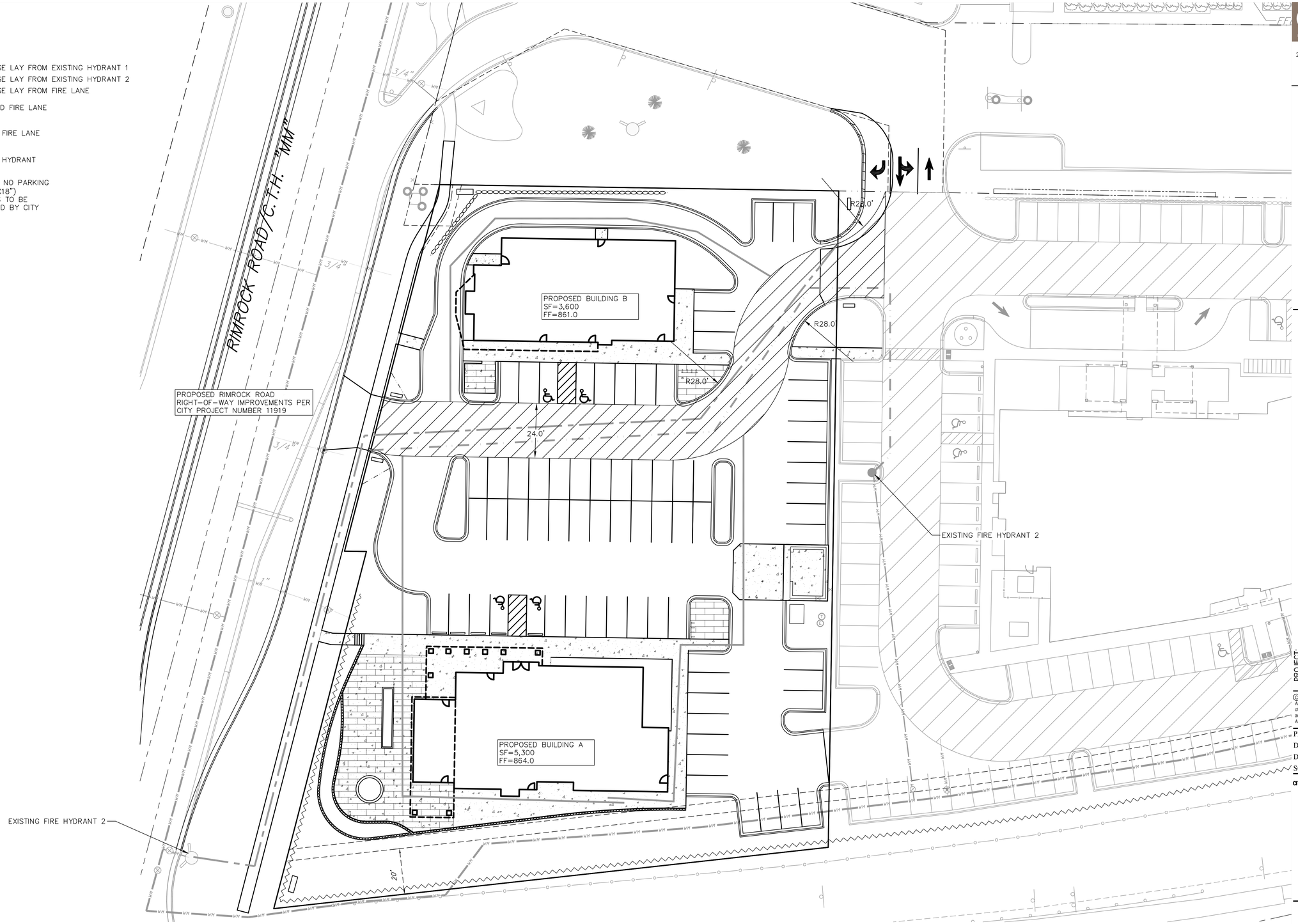
CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200

PROJECT:	201732.1
DRAWN BY:	CHN
DATE:	4/8/2019
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

LANDSCAPE PLAN
L100

LEGEND

- 500' HOSE LAY FROM EXISTING HYDRANT 1
- 500' HOSE LAY FROM EXISTING HYDRANT 2
- 250' HOSE LAY FROM FIRE LANE
- PROPOSED FIRE LANE
- EXISTING FIRE LANE
- EXISTING HYDRANT
- NO PARKING / FIRE LANE — FIRE LANE NO PARKING SIGN (12"X18") LOCATIONS TO BE DETERMINED BY CITY



FIRE ACCESS
1"=20'
0' 10' 20' 40' 60'

NOT FOR CONSTRUCTION

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2248 DEMING WAY. STE. 120
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2161 RIMROCK ROAD
MADISON, WI 53713

CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200
MIDDLETON, WISCONSIN

PROJECT:	201732.1
DRAWN BY:	JGOL
DATE:	
SCALE:	AS NOTED
CITY SUBMITTAL	04-10-2019

FIRE ACCESS

F100

CALCULATION SUMMARY					
LABEL	CALCTYPE	UNITS	MIN	AVG	AVG/MIN
PARKING LOT - PAVEMENT	ILLUMINANCE	FC	0.3	1.14	3.80

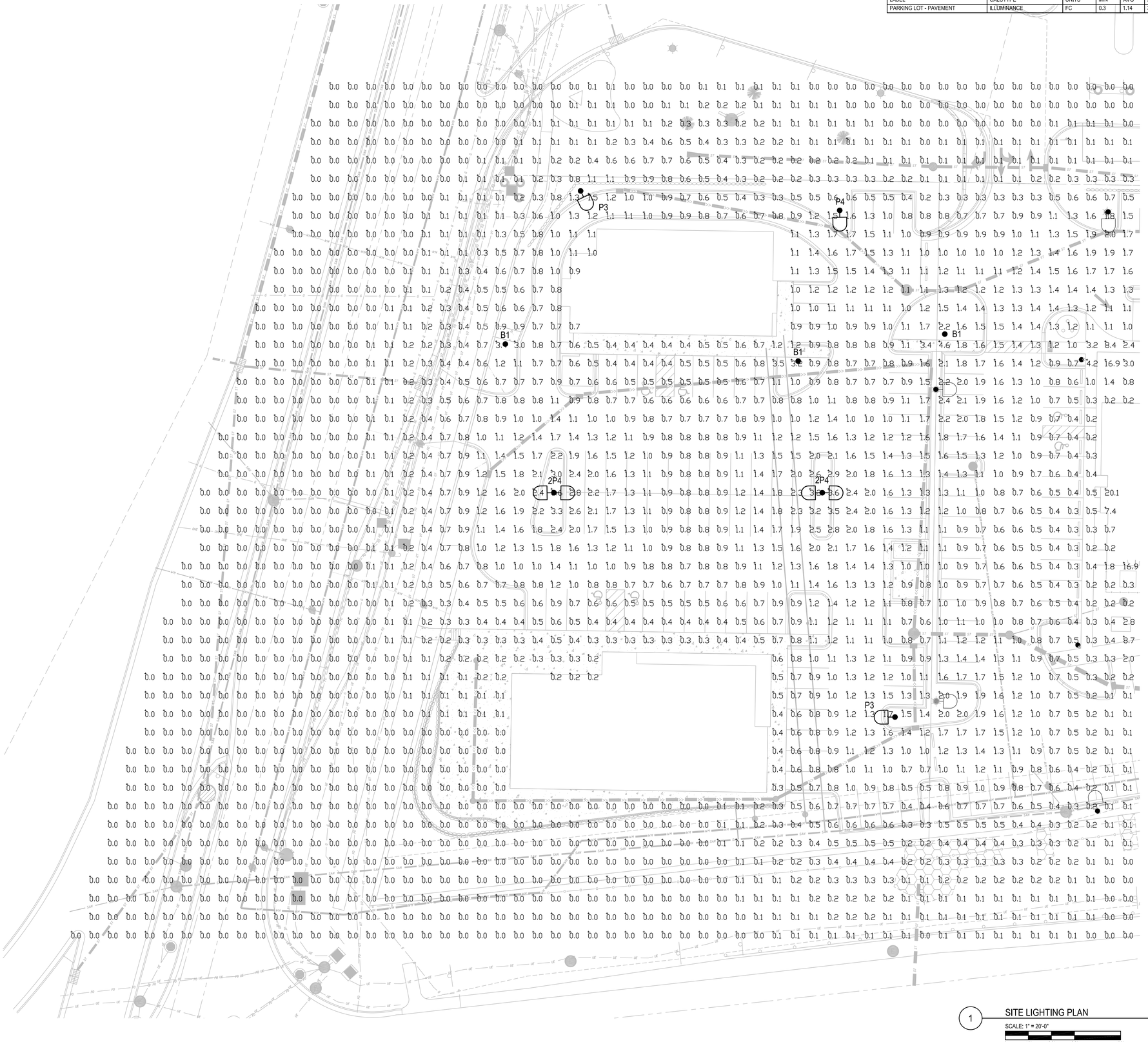
SUGGESTED CONTROL SEQUENCE:

POLE, BOLLARD AND BUILDING MOUNTED LUMINAIRES AUTOMATICALLY ON AT SUNSET.

POLE, BOLLARD AND BUILDING MOUNTED LUMINAIRES AUTOMATICALLY OFF AT SUNRISE.

POLE TYPE DISTRIBUTION KEY:

2P4	25'-0" TALL POLE WITH LED LUMINAIRE: IES TYPE 4 DISTRIBUTION, DUAL HEAD
P3	25'-0" TALL POLE WITH LED LUMINAIRE: IES TYPE 3 DISTRIBUTION
P4	25'-0" TALL POLE WITH LED LUMINAIRE: IES TYPE 4 DISTRIBUTION
B1	BOLLARD LED LUMINAIRE: IES TYPE 5 DISTRIBUTION



EXISTING HOTEL LIGHTING INCLUDED IN ILLUMINANCE STUDY.

1 SITE LIGHTING PLAN

SCALE: 1" = 20'-0"

0 10' 20' 30' 50'

GBA
architecture | design

2248 DEMING WAY, STE. 120
MIDDLETON, WI 53562
(608) 829-1750
(608) 829-3056 (FAX)

PROJECT:
RIMROCK RETAIL
2161 RIMROCK ROAD
MADISON, WI 53713

CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200
MIDDLETON, WI 54562

PROJECT:	201732.1
DRAWN BY:	
DATE:	
SCALE:	

CITY SUBMITTAL 04-10-2018

SITE LIGHTING PLAN

E101

AREA LIGHTING SPECIFICATION

McGraw-Edison

Catalog #		Type
Project		
Comments		Date
Prepared by		

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

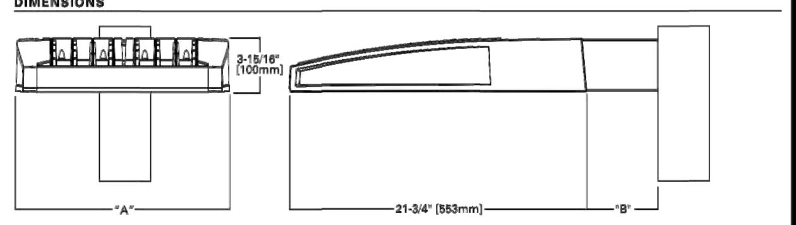
GLEON
GALLEON LED

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

LumenSafe Technology CLICK HERE

DIMENSIONS

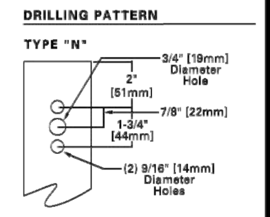


DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length [1]	Weight with Arm (lbs.)	EPA with Arm [2] (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.

DRILLING PATTERN



CERTIFICATION DATA

UL/cUL Wet Location Listed
ISO 9001
LM79 / LM80 Compliant
3G Vibration Rated
IP66 Rated
DesignLights Consortium® Qualified*

ENERGY DATA

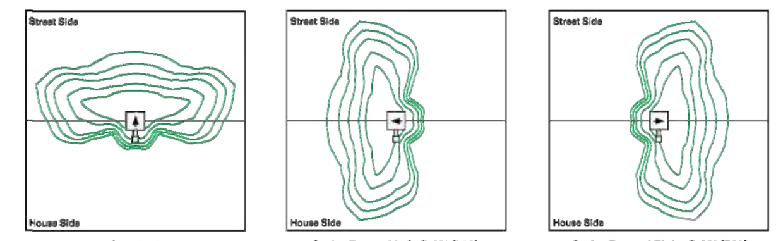
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V 50/60Hz
347V & 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

NOMINAL POWER LUMENS (1A)

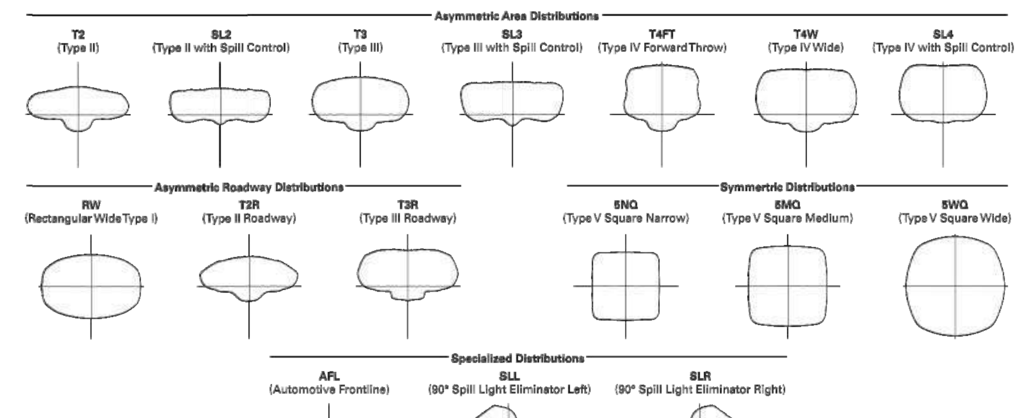
Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		59	113	166	225	279	333	391	445	501	558
Input Current @ 120V (A)		0.51	1.02	1.53	2.03	2.55	3.06	3.56	4.08	4.60	5.07
Input Current @ 208V (A)		0.29	0.56	0.82	1.11	1.37	1.64	1.93	2.19	2.46	2.75
Input Current @ 240V (A)		0.26	0.48	0.71	0.96	1.19	0.41	1.67	1.89	2.12	2.39
Input Current @ 277V (A)		0.23	0.42	0.61	0.83	1.03	1.23	1.45	1.65	1.84	2.09
Input Current @ 347V (A)		0.17	0.32	0.50	0.64	0.82	1.00	1.14	1.32	1.50	1.68
Input Current @ 480V (A)		0.14	0.24	0.37	0.48	0.61	0.75	0.91	0.99	1.12	1.28
Optics											
T2	4000K/5000K Lumens	6,256	12,225	18,242	24,104	29,865	35,739	42,265	47,888	53,420	59,144
	3000K Lumens	5,915	11,559	17,248	22,789	28,236	33,790	39,960	45,277	50,506	55,919
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
T2R	4000K/5000K Lumens	6,642	12,979	19,366	25,589	31,705	37,941	44,870	50,840	56,711	62,789
	3000K Lumens	6,280	12,271	18,311	24,193	29,976	35,872	42,423	48,068	53,619	59,365
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
T3	4000K/5000K Lumens	6,377	12,461	18,593	24,568	30,439	36,426	43,077	48,810	54,447	60,282
	3000K Lumens	-	-	-	-	-	-	-	-	-	-
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
T3R	4000K/5000K Lumens	6,518	12,739	19,006	25,113	31,116	37,235	44,036	49,895	55,658	61,622
	3000K Lumens	6,029	11,781	17,579	23,229	28,779	34,440	40,729	46,148	51,478	56,995
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T4FT	4000K/5000K Lumens	6,414	12,533	18,702	24,710	30,616	36,637	43,328	49,093	54,763	60,631
	3000K Lumens	6,064	11,849	17,681	23,363	28,946	34,638	40,966	46,417	51,776	57,325
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T4W	4000K/5000K Lumens	6,331	12,372	18,459	24,391	30,221	36,163	42,769	48,459	54,056	59,849
	3000K Lumens	5,986	11,697	17,452	23,061	28,572	34,192	40,436	45,817	51,108	56,585
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL2	4000K/5000K Lumens	6,245	12,205	18,212	24,062	29,813	35,677	42,192	47,807	53,326	59,042
	3000K Lumens	5,904	11,539	17,218	22,750	28,187	33,732	39,891	45,199	50,418	55,822
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL3	4000K/5000K Lumens	6,376	12,460	18,591	24,564	30,436	36,421	43,072	48,803	54,439	60,273
	3000K Lumens	6,028	11,780	17,578	23,224	28,776	34,435	40,723	46,141	51,471	56,986
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
SL4	4000K/5000K Lumens	6,058	11,838	17,664	23,340	28,918	34,605	40,924	46,370	51,727	57,269
	3000K Lumens	5,727	11,193	16,701	22,067	27,341	32,718	38,692	43,841	48,906	54,146
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
5NQ	4000K/5000K Lumens	6,577	12,851	19,176	25,336	31,392	37,566	44,426	50,337	56,151	62,170
	3000K Lumens	6,218	12,151	18,131	23,955	29,680	35,517	42,003	47,592	53,089	58,779
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
5MQ	4000K/5000K Lumens	6,697	13,088	19,528	25,803	31,970	38,258	45,243	51,264	57,185	63,313
	3000K Lumens	6,332	12,374	18,463	24,395	30,227	36,171	42,776	48,468	54,066	59,861
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
5WQ	4000K/5000K Lumens	6,715	13,122	19,580	25,871	32,055	38,360	45,365	51,401	57,337	63,482
	3000K Lumens	6,348	12,406	18,513	24,461	30,307	36,268	42,891	48,599	54,210	60,021
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
SLL/SLR	4000K/5000K Lumens	5,604	10,949	16,337	21,586	26,745	32,004	37,850	42,886	47,838	52,965
	3000K Lumens	5,298	10,351	15,446	20,409	25,287	30,258	35,786	40,547	45,229	50,077
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
RW	4000K/5000K Lumens	6,517	12,735	19,002	25,107	31,109	37,227	44,026	49,883	55,644	61,607
	3000K Lumens	6,162	12,040	17,965	23,738	29,413	35,197	41,623	47,163	52,609	58,247
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
AFL	4000K/5000K Lumens	6,541	12,781	19,072	25,199	31,221	37,362	44,185	50,065	55,846	61,831
	3000K Lumens	6,184	12,084	18,032	23,825	29,519	35,325	41,775	47,334	52,801	58,459
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4

* Nominal data for 70 CRI.

OPTIC ORIENTATION

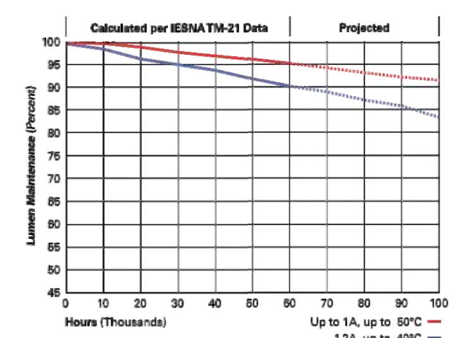


OPTICAL DISTRIBUTIONS



LUMEN MAINTENANCE

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	416,000
1.2A	Up to 40°C	> 90%	205,000

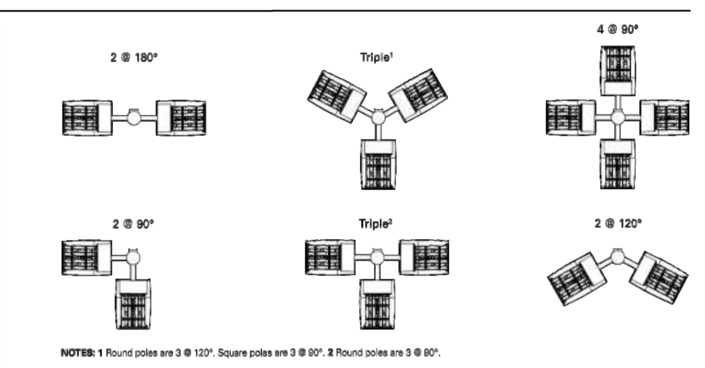


LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

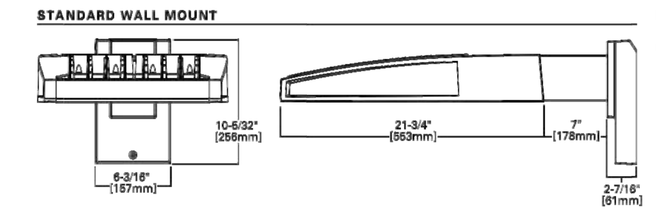
ARM MOUNTING REQUIREMENTS

Configuration	90° Apart	120° Apart
GLEON-AF-01	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-02	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-03	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-04	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-05	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AF-06	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AF-07	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AF-08	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AF-09	16" Extended Arm (Required)	16" Extended Arm (Required)
GLEON-AF-10	16" Extended Arm (Required)	16" Extended Arm (Required)

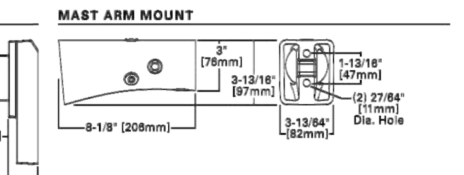


NOTES: 1 Round poles are 3 @ 120°. Square poles are 3 @ 90°. 2 Round poles are 3 @ 90°.

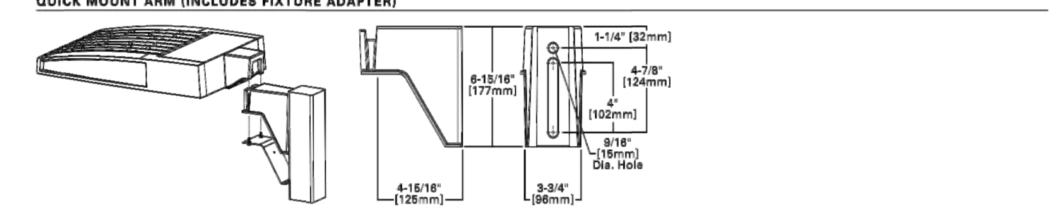
STANDARD WALL MOUNT

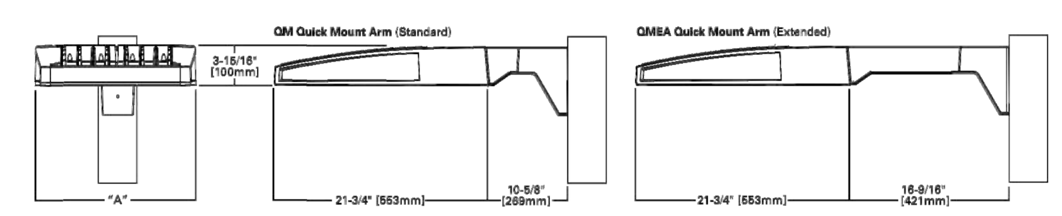


MAST ARM MOUNT



QUICK MOUNT ARM (INCLUDES FIXTURE ADAPTER)





QUICK MOUNT ARM DATA

Number of Light Squares [1, 2]	"A" Width	Weight with QM Arm (lbs.)	Weight with QMEA Arm (lbs.)	EPA (Sq. Ft.)
1-4	15-1/2" (394mm)	35 (15.91 kgs.)	38 (17.27 kgs.)	1.11
5-6 [3]	21-5/8" (549mm)	46 (20.91 kgs.)	49 (22.27 kgs.)	
7-8	27-5/8" (702mm)	56 (25.45 kgs.)	59 (26.82 kgs.)	

NOTES: 1 QM option available with 1-8 light square configurations. 2 QMEA option available with 1-6 light square configurations. 3 QMEA arm to be used when mounting two fixtures at 90° on a single pole.

ORDERING INFORMATION

Sample Number: GLEON-AF-04-LED-E1-T3-GM-QM

Product Family [1, 2]	Light Engine	Number of Light Squares [3]	Lamp Type	Voltage	Distribution	Color	Mounting
GLEON=Galleon	AF=1A Drive Current	01=1 02=2 03=3 04=4 05=5 [4] 06=6 07=7 [5] 08=8 [5] 09=9 [6] 10=10 [6]	LED=Solid State Light Emitting Diodes	E1=120-277V 347=347V [7] 480=480V [7, 8]	T2=Type II T2R=Type II Roadway T3=Type III T3R=Type III Roadway T4FT=Type IV Forward Throw T4W=Type IV Wide 5NQ=Type V Narrow 5MQ=Type V Square Medium 5WQ=Type V Square Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White	[Blank]=Arm for Round or Square Pole EA=Extended Arm [9] MA=Mast Arm Adapter [10] WM=Wall Mount QM=Quick Mount Arm (Standard Length) [11] QMEA=Quick Mount Arm (Extended Length) [12]

Type 2P4
Type P3
Type P4

Options (Add as Suffix)

7027=70 CRI 2700K [13]
7030=70 CRI 3000K [13]
8030=80 CRI 3000K [14]
7050=70 CRI 5000K [13]
7060=70 CRI 6000K [13]
600=Drive Current Factory Set to Nominal 600mA [15]
800=Drive Current Factory Set to Nominal 800mA [15]
1200=Drive Current Factory Set to Nominal 1200mA [15, 16]
F=Single Fuse (120, 277 or 347V. Must Specify Voltage)
FF=Double Fuse (208, 240 or 480V. Must Specify Voltage)
2L=Two Circuits [17, 18]
DIM=External 0-10V Dimming Leads [19, 20]
P=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) [21]
PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle [21]
R=NEMA Twistlock Photocontrol Receptacle [21]
AHD145=After Hours Dim, 5 Hours [22]
AHD245=After Hours Dim, 6 Hours [22]
AHD255=After Hours Dim, 7 Hours [22]
AHD355=After Hours Dim, 8 Hours [22]
HA=50°C High Ambient [23]
MS/DIM-L08=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height [24, 25]
MS/DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [24, 26]
MS/DIM-L40=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [24, 27]
MS/DIM-L40W=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height (Wide Range) [24, 28]
MS/X-L08=Bi-Level Motion Sensor, Maximum 8' Mounting Height [24, 25, 29]
MS/X-L20=Bi-Level Motion Sensor, 9' - 20' Mounting Height [24, 26, 29]
MS/X-L40=Bi-Level Motion Sensor, 21' - 40' Mounting Height [22, 27, 29]
MS/X-L40W=Bi-Level Motion Sensor, 21' - 40' Mounting Height (Wide Range) [24, 28, 29]
MS-L08=Motion Sensor for ON/OFF Operation, Maximum 8' Mounting Height [24, 25]
MS-L20=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [24, 26]
MS-L40=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [24, 27]
MS-L40W=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height (Wide Range) [24, 28]
LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height [30]
LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height [30]
L90=Optics Rotated 90° Left
R90=Optics Rotated 90° Right
MT=Factory Installed Mesh Top
TH=Tool-less Door Hardware
LCF=Light Square Trim Plate Painted to Match Housing [31]
HSS=Factory Installed House Side Shield [32]
CE=CE Marking [33]

Accessories (Order Separately)

OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V
OA/RA1027=NEMA Photocontrol - 480V
OA/RA1201=NEMA Photocontrol - 347V
OA/RA1013=Photocontrol Shorting Cap
OA/RA1014=120V Photocontrol
MA1252=10kV Surge Module Replacement
MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon
MA1037-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon
MA1197-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon
MA1188-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon
MA1189-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon
MA1190-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon
MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon
MA1038-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon
MA1039-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon
MA1192-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon
MA1193-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon
MA1194-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon
MA1195-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon
FSIR-100=Wireless Configuration Tool for Occupancy Sensor [34]
GLEON-MT1=Field Installed Mesh Top for 1-4 Light Squares
GLEON-MT2=Field Installed Mesh Top for 5-6 Light Squares
GLEON-MT3=Field Installed Mesh Top for 7-8 Light Squares
GLEON-MT4=Field Installed Mesh Top for 9-10 Light Squares
GLEON-QM=Quick Mount Arm Kit [15]
GLEON-QMEA=Quick Mount Extended Arm Kit [11]
LS/HSS=Field Installed House Side Shield [32, 33]
WOLC-7P-10A=WaveLinx Outdoor Control Module (7-pin) [35]

NOTES:
1 Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information. 2 DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 3 Standard 4000K CCT and minimum 70 CRI. 4 Not compatible with MS/4-LXX or MS/1-LXX sensors. 5 Not compatible with extended quick mount arm (QMEA). 6 Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA). 7 Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A. 8 Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems). 9 May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table. 10 Factory Installed. 11 Maximum 8 light squares. 12 Maximum 6 light squares. 13 Extended lead times apply. Use dedicated IES files for 2700K, 3000K, 5000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website. 14 Extended lead times apply. Use dedicated IES files for 2700K, 3000K, 5000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website. 15 1 Amp standard. Use dedicated IES files for 600mA, 800mA and 1200mA when performing layouts. These files are published on the Galleon luminaire product page on the website. 16 Not available with HA option. 17 2L is not available with MS, MS/X or MS/DIM at 347V or 480V. 2L in AF-02 through AF-04 requires a larger housing, normally used for AF-05 or AF-06. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table. 18 Not available with LumaWatt Pro wireless sensors. 19 Cannot be used with other control options. 20 Low voltage control lead brought out 18" outside fixture. 21 Not available if any "MS" sensor is selected. Motion sensor has an integral photocell. 22 Requires the use of P photocontrol or the PER7 or R photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information. 23 50°C lumen maintenance data applies to 600mA, 800mA and 1A drive currents. 24 The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information. 25 Approximately 22' detection diameter at 8' mounting height. 26 Approximately 40' detection diameter at 20' mounting height. 27 Approximately 60' detection diameter at 40' mounting height. 28 Approximately 100' detection diameter at 40' mounting height. 29 Replace X with number of Light Squares operating in low output mode. 30 LumaWatt Pro wireless sensors are factory installed only requiring network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities. See www.eaton.com/lighting for LumaWatt Pro application information. 31 Not available with house side shield (HSS). 32 Only for use with SL2, SL3, SL4 and AFL distributions. The Light Square trim plate is painted black when the HSS option is selected. 33 CE is not available with the LWR, MS, MS/X, MS/DIM, P, R or PER7 options. Available in 120-277V only. 34 One required for each Light Square. 35 Requires 7-pin NEMA twistlock photocontrol receptacle. The WOLC-7 cannot be used in conjunction with additional sensors or controls.

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Camera Type	Data Backhaul	
L=LumenSafe Technology*	D=Dome Camera	C=Cellular, Customer Installed SIM Card A=Cellular, Factory Installed AT&T SIM Card V=Cellular, Factory Installed Verizon SIM Card S=Cellular, Factory Installed Sprint SIM Card	R=Cellular, Factory Installed Rogers SIM Card W=Wi-Fi Networking w/ Omni-Directional Antenna E=Ethernet Networking

*Consult LumenSafe system pages for additional details and compatibility. Not available with 9-10 light square housing. Not available with 347V, 480V or high ambient options.

BOLLARD SPECIFICATION

SOLID STATE BOLLARDS

BDA SERIES-LED

SPECIFICATIONS

PROJECT NAME:
FIXTURE TYPE:

BOLLARD
Durable corrosion resistant extruded and cast aluminum construction. ¼" wall thickness.

LED POWER ARRAY™
Three-dimensional array consisting of 6 individual LED tubes for the BDA8 model and 4 individual LED tubes for the BDA6 model, which are fastened to a retaining plate equally spaced to provide 360° of even illumination output. Each LED tube consists of a circuit board populated with a multiple of LED's which is fastened to a radial aluminum heat sink. A white polycarbonate lens and end caps protect each LED tube's internal components and provides diffusion to prevent shadowing and striations.

INTERNAL LOUVER (IL) - A specular louver stack conceals the inner LED Power Array Module and provides uplight and glare control through the external clear polycarbonate lens.

CAST LOUVER (CL) - External cast aluminum louver stack protects the internal LED Power Array Module and provides uplight and glare control. An internal clear polycarbonate lens is integrated with the LED Power Array Module.

OPAL LENS (WP) - Exterior white polycarbonate lens protects the internal LED Power Array Module and provides a uniform white glow.

RADIAL LED MODULE
LED'S are mounted to a circular heatsink in a radial array. The radial LED module is concealed in the cap of the bollard. LED's are not directly visible from angles above 90°.

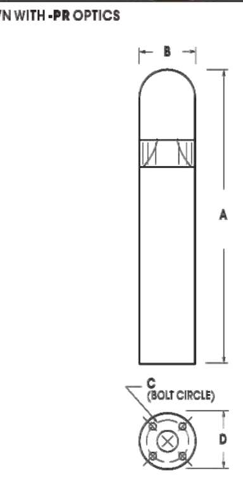
PARABOLIC REFLECTOR (PR) - A specular Parabolic Reflector reflects a portion of the distribution from the radial LED module and provides a uniform wide angle throw through the outer clear polycarbonate lens.

LED EMITTERS
High Output LED's are driven at 350mA for nominal 1 Watt output each. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimmable and High-Low Driver options available.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

BDA
BDA8 SHOWN WITH -PR OPTICS
PATENT PENDING



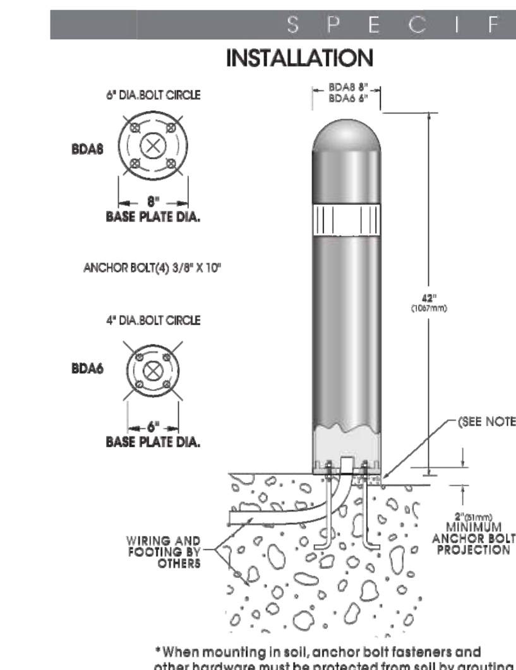
BOLLARD	A	B	C	D
BDA8	42" 1067mm	8" 203mm	6" 152mm	8" 203mm
BDA6	42" 1067mm	6" 152mm	4" 102mm	6" 152mm

MADE IN THE USA
2018214

BDA SERIES-LED

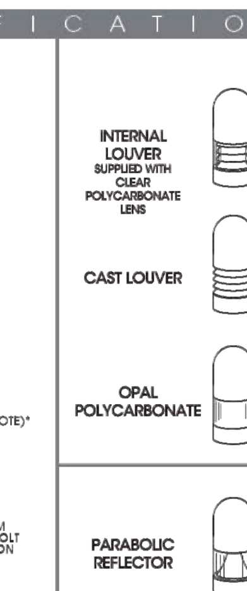
SPECIFICATIONS

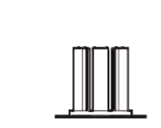
INSTALLATION



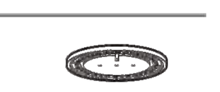
*When mounting in soil, anchor bolt fasteners and other hardware must be protected from soil by grouting.

OPTICS





VPA - Vertical Array
BDA8 Available in: 36 LED Max
BDA6 Available in: 24LED Max



RADIAL LED Module
BDA8 Available in: 18 LED Module
BDA6 Available in: 12 LED Module

Spec/Order Example: BDA6-IL/24LED277NW/WM/RAL-7004-T/DUP

SPEC/ORDERING INFORMATION

BOLLARD	OPTICS	LED (# of LED's / COLOR / VOLTAGE)	MOUNTING	FINISH	OPTIONS
☐ BDA8-LED ☐ BDA6-LED	VERTICAL POWER ARRAY ☐ INTERNAL LOUVER ....IL ☐ CAST LOUVER ....CL ☐ OPAL POLYCARBONATE ....WP* RADIAL LED MODULE ☐ PARABOLIC REFLECTOR ....PR *-WP OPTICS USE OPAL POLYCARBONATE LENS	# of LEDs: ☐ 36LED[1] ☐ 24LED ☐ 18LED[1] ☐ 12LED[2] COLOR: ☐ NW (4000K) Standard ☐ CW (5000K) ☐ WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY VOLTAGE: ☐ 120 ☐ 208 ☐ 240 ☐ 277 ☐ 347 ☐ 480 NOTES: 1 - AVAILABLE IN BDA8 ONLY. 2 - AVAILABLE IN BDA6 ONLY.	☐ GROUND INSTALLATION (STANDARD) ☐ WALL MOUNT WM	STANDARD TEXTURED FINISH ☐ BLACK RAL-9005-T ☐ WHITE RAL-9003-T ☐ GREY RAL-7004-T ☐ DARK BRONZE RAL-8019-T ☐ GREEN RAL-6005-T FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S) SEE USALTG.COM FOR ADDITIONAL COLORS	☐ DIMMABLE DRIVER (0-10V PROVIDED) ....DIM ☐ HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NONINTEGRATED MOTION SENSOR ....HLSW ☐ INTERNAL HOUSE SIDE SHIELD ....HS ☐ DUPLEX RECEPTACLE ....DUP ☐ GROUND FAULT RECEPTACLE ....GFI ☐ 10KV SURGE PROTECTOR ....10SP ☐ 20KV SURGE PROTECTOR (277V & 480V Only) ....20SP OPTIONAL HEIGHTS: ☐ 30" ☐ 36"

GBA architecture | design
2248 DEMING WAY. STE. 120
MIDDLETON, WI 53562
(608) 829-1750
(608) 829-3056 (FAX)

PROJECT:
RIMROCK RETAIL
2161 RIMROCK ROAD
MADISON, WI 53713

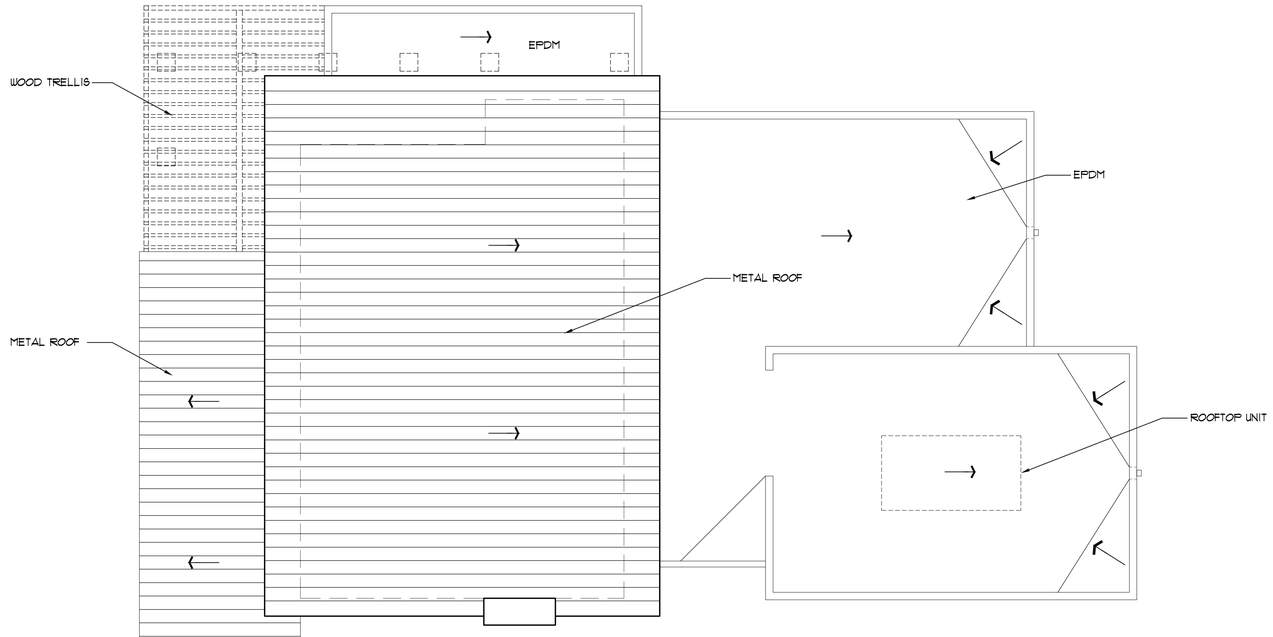
CLIENT:
RIMROCK RETAIL INVESTORS, LLC
C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200
MIDDLETON, WI 54562

PROJECT: 201732.1
DRAWN BY:
DATE:
SCALE:

CITY SUBMITTAL 04-10-2019

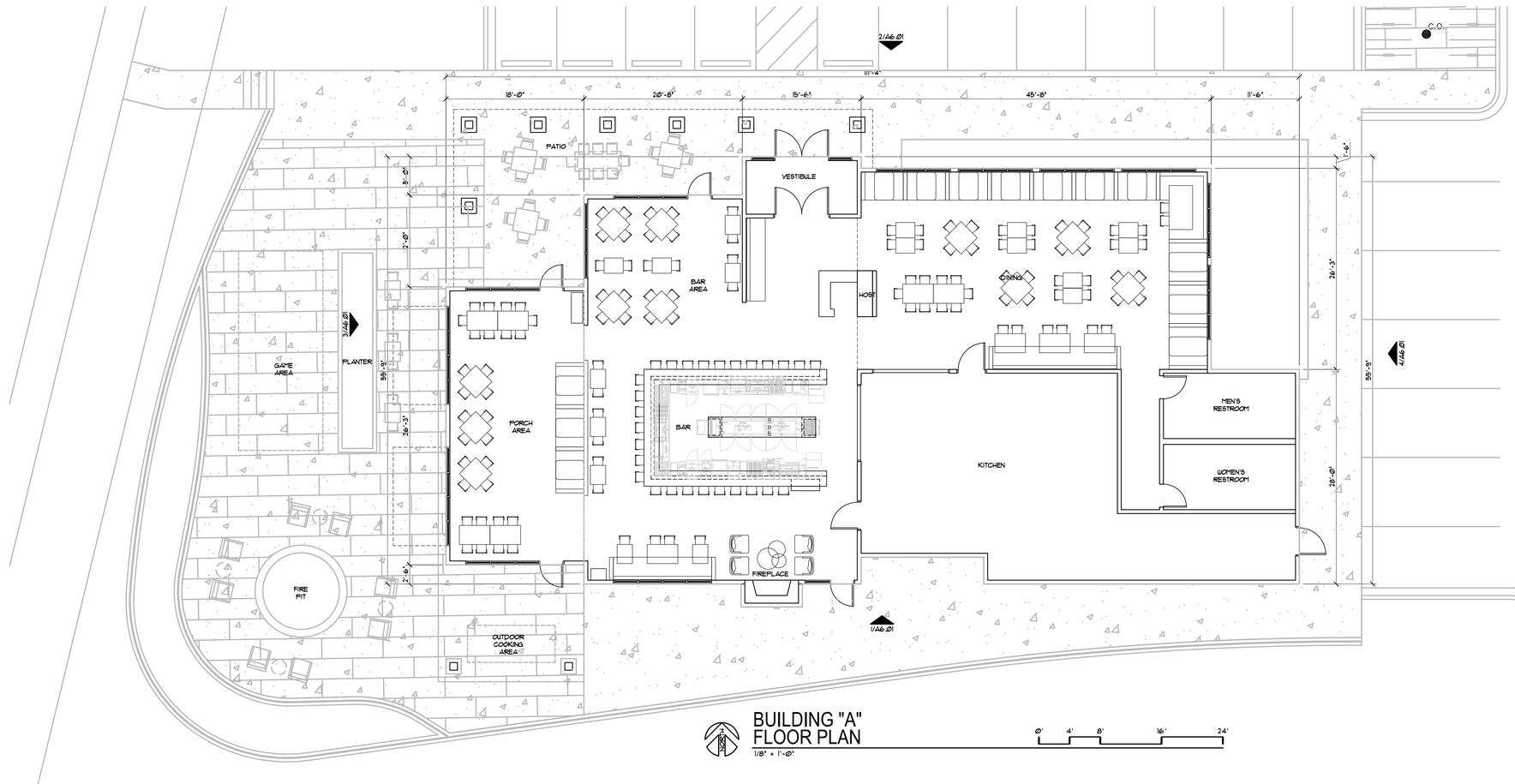
SITE LIGHTING DETAILS

E102



BUILDING "A"
ROOF PLAN
1/8" = 1'-0"

0' 4' 8' 16' 24'



BUILDING "A"
FLOOR PLAN
1/8" = 1'-0"

0' 4' 8' 16' 24'

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MIDDLETON, WI 54562

PROJECT:	201732.1
DRAWN BY:	DSD
DATE:	
SCALE:	
CITY SUBMITTAL	04-10-2019

BUILDING "A"
FLOOR PLAN &
ROOF PLAN

A2.01a

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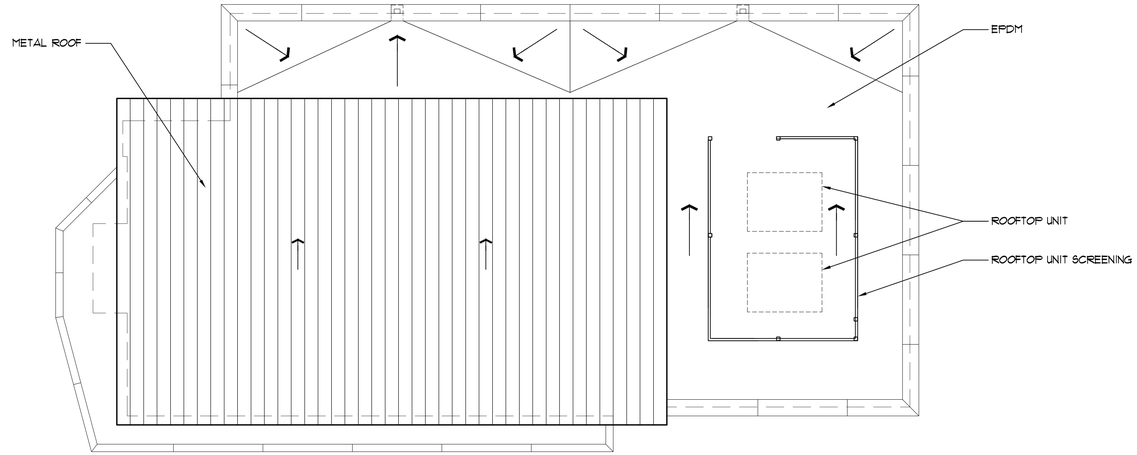
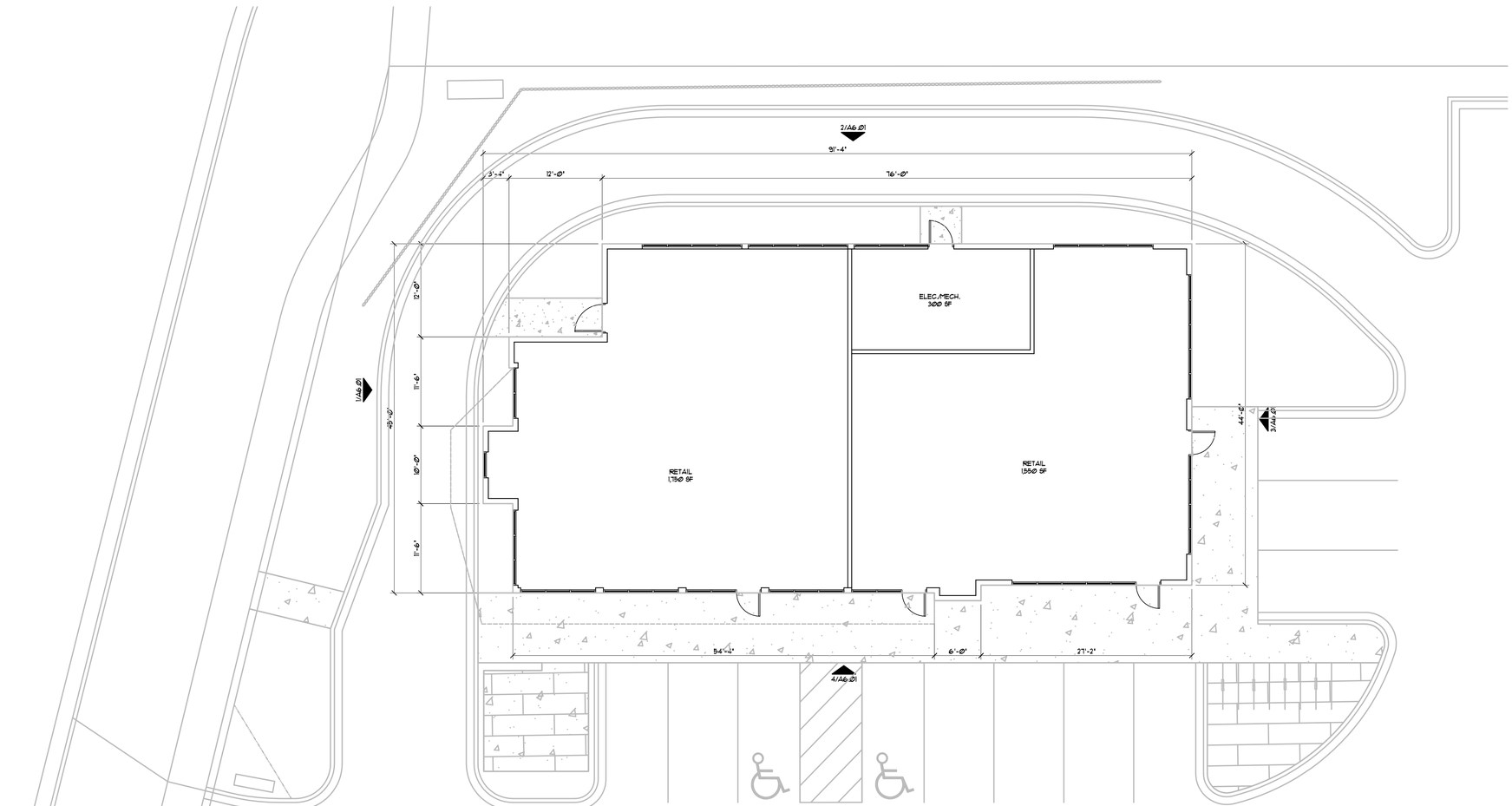


BUILDING "B" ROOF PLAN

1/8" = 1'-0"

0' 4' 8' 16' 24'



BUILDING "B" FLOOR PLAN

1/8" = 1'-0"

0' 4' 8' 16' 24'

PROJECT:
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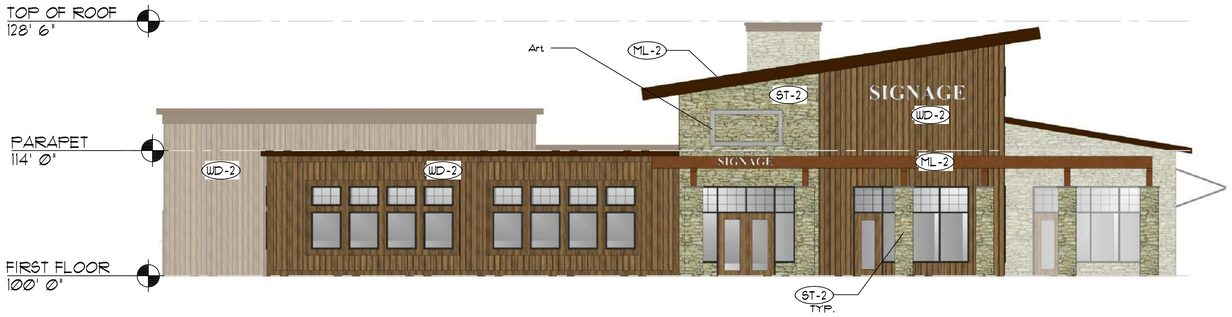
PROJECT:	201732.1
DRAWN BY:	DSD
DATE:	
SCALE:	
CITY SUBMITTAL	04-10-2019

BUILDING "B"
FLOOR PLAN &
ROOF PLAN

A2.01b



1 NORTH ELEVATION

1" = 1/8"

2 SOUTH ELEVATION

1" = 1/8"

3 EAST ELEVATION

1" = 1/8"

4 WEST ELEVATION

1" = 1/8"

	MATERIAL DESCRIPTION
	EIFS-01: EF-1 MANUFACTURER: DRYVIT COLOR: TBD
	WOOD-01: WD-1 MANUFACTURER: TBD COLOR: WOOD
	WOOD-02: WD-2 MANUFACTURER: TBD COLOR: WOOD
	METAL-01: MT-1 MANUFACTURER: FIRESTONE UNA-CLAD COLOR: ANODIZED ALUMINUM DARK BRONZE
	METAL-01: MT-2 MANUFACTURER: FIRESTONE UNA-CLAD COLOR: WEATHER STEEL
	STONE-01: ST-1 MANUFACTURER: ELDERADO STONE COLOR: STORMCLOUD
	STONE-02: ST-2 MANUFACTURER: LIMESTONE COLOR: TBD
	WINDOW: CLEAR GLASS W\ DARK BRONZE FRAME

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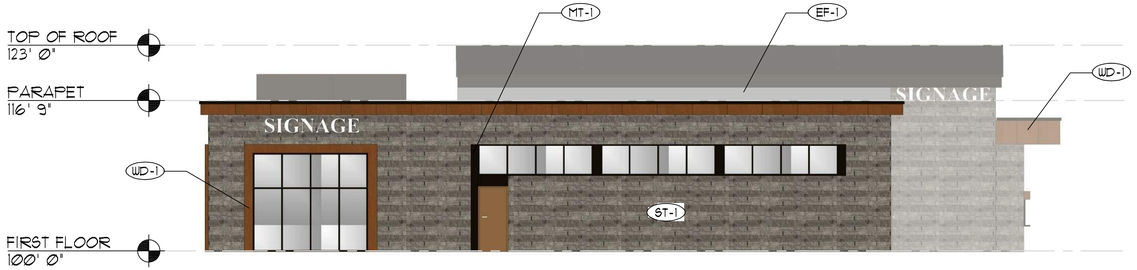
MIDDLETON, WI 54562

PROJECT: 201732.1
DRAWN BY:
DATE:
SCALE: AS NOTED
CITY SUBMITTAL 04-10-2019

BUILDING A
ELEVATIONS

A6.01



1 NORTH ELEVATION

1" = 1/8"

2 SOUTH ELEVATION

1" = 1/8"

3 EAST ELEVATION

1" = 1/8"

4 WEST ELEVATION

1" = 1/8"

	MATERIAL DESCRIPTION
	EIFS-01: EF-1 MANUFACTURER: DRYVIT COLOR: TBD
	WOOD-01: WD-1 MANUFACTURER: TBD COLOR: WOOD
	WOOD-02: WD-2 MANUFACTURER: TBD COLOR: WOOD
	METAL-01: MT-1 MANUFACTURER: FIRESTONE UNA-CLAD COLOR: ANODIZED ALUMINUM DARK BRONZE
	METAL-01: MT-2 MANUFACTURER: FIRESTONE UNA-CLAD COLOR: WEATHER STEEL
	STONE-01: ST-1 MANUFACTURER: ELDERADO STONE COLOR: STORMCLOUD
	STONE-02: ST-2 MANUFACTURER: LIMESTONE COLOR: TBD
	WINDOW: CLEAR GLASS W\ DARK BRONZE FRAME

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C/O NORTH CENTRAL GROUP
1600 ASPEN COMMONS, SUITE 200
MIDDLETON, WI 54562

PROJECT: 201732.1
DRAWN BY:
DATE:
SCALE: AS NOTED
CITY SUBMITTAL 04-10-2019

BUILDING B
ELEVATIONS

A6.02