PLUNKETT RAYSICH
ARCHITECTS, LLP

New Office Building - 8150 Excelsior Drive - Madison, WI

Aerial of Proposed Site

©2020 Plunkett Raysich Architects, LLP

View from Fourier Drive / Excelsior Drive intersection looking E

View from Excelsior Drive looking E

View from Excelsior Drive looking NE

View from Fourier Drive looking SE

View from West Beltline Hwy looking NW

View from West Beltline Hwy looking SW

©2020 Plunkett Raysich Architects, LLP

LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- EASEMENT
- BUILDING SETBACK LINE
- BUILDING LINE
- BUILDING OVERHANG
- DISTURBANCE LIMITS
- 18" STANDARD CURB AND GUTTER
- 18" REJECT CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER TREATMENT FACILITY

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF JANUARY 8, 2020. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

SITE INFORMATION BLOCK:

SITE ADDRESS: 8150 EXCELSIOR DRIVE
SITE ACREAGE: 116,510 SQ.FT. (2.67 AC)
USE OF PROPERTY: COMMERCIAL / RESIDENTIAL MIXED USE
ZONING: SUBURBAN EMPLOYMENT CENTER (SEC - MGO CODE REFERENCE 28.086)

SETBACKS:
- BUILDING:
  - FRONT YARD: 25-FEET
  - REAR YARD: 30-FEET
  - SIDE YARD: 15-FEET
- PARKING:
  - FRONT YARD: 25-FEET

PARKING STALLS
- MINIMUM: NONE
- MAXIMUM:
  - RESIDENTIAL: 2.5 PER UNIT
  - COMMERCIAL: TBD

BICYCLE STALLS
- RESIDENTIAL: ONE PER UNIT UP TO 2 BEDROOMS, 0.5 PER ADDITIONAL BEDROOM, ONE GUEST SPACE PER 10 UNITS.
- COMMERCIAL: TBD

TOTAL NUMBER OF SURFACE PARKING STALLS: 132
TOTAL NUMBER OF UNDERGROUND PARKING STALLS: 39
NUMBER OF STALLS DESIGNATED ACCESSIBLE (INCLUDING UNDERGROUND PARKING): 5 (+2)

TOTAL NUMBER OF BIKE STALLS: 13 UNDERGROUND

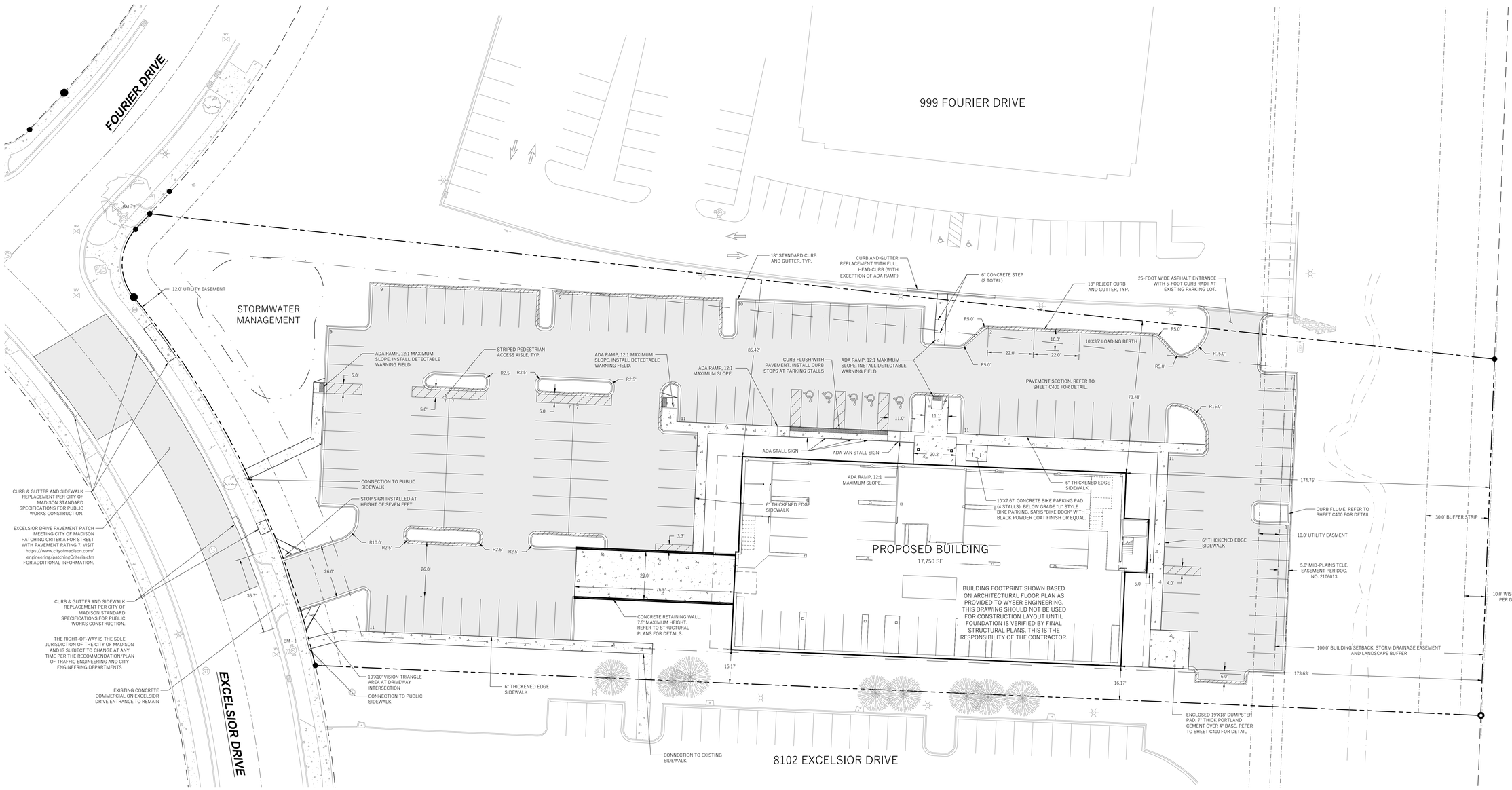
EXISTING IMPERVIOUS SURFACE AREA: 70,467 SQ.FT.
- ROOFTOP: 8,438 SQ.FT.
- PAVED: 62,029 SQ.FT.

NEW IMPERVIOUS SURFACE AREA: 68,313 SQ.FT.
- ROOFTOP: 17,750 SQ.FT.
- PARKING: 46,476 SQ.FT.
- SIDEWALK: 4,087 SQ.FT.

DISTURBANCE LIMITS: 98,482 SQ. FT.
IMPERVIOUS SURFACE AREA WITHIN DISTURBANCE LIMITS: 68,313 SQ.FT.
MAXIMUM PERCENT IMPERVIOUS: 75%
PERCENT IMPERVIOUS: 58.6%

UNLESS OTHERWISE NOTED:
ALL STALLS SHALL BE 9' WIDE BY 18' LONG.
ALL DRIVE LANES SHALL BE 24' WIDE.
ALL ADA STALLS ARE 8' WIDE BY 18' DEEP WITH ADJACENT 5' WIDE BY 18' LONG STRIPED AREAS.
ALL RADII ON DRIVE LANES ARE 5'.
ALL RADII ON PARKING SPACES ARE 2.5'.
ALL SIDEWALK IS 5' WIDE.
ALL PRIVATE CURB AND GUTTER IS 18".

NORTH
1"=20' on 30"x42"
NTS on 11"x17"



BENCHMARK TABLE

BM LABEL	ELEVATION	DESCRIPTION
BM - 1	976.18	TOP NUT OF HYDRANT NEAR SOUTHWEST CORNER OF PROPERTY
BM - 2	974.96	TOP NUT OF HYDRANT AT SOUTHEAST QUADRANT OF FOURIER DRIVE AND EXCELSIOR DRIVE

* REFER TO GENERAL NOTE NO. 2

DRAWN BY: AJW 12/19/2018 7:46:46 AM

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

NOT FOR CONSTRUCTION

WYSER ENGINEERING

8150 EXCELSIOR DRIVE
MADISON, WI 53717

OLD SAUK TRAILS BUILDING

CITY OF MADISON, DANE COUNTY, WI

Sheet Title: SITE PLAN

Revisions:

No.	Date:	Description:

Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	19-0672
Set Type	REVIEW
Date Issued	05/15/2020
Sheet Number	C100

LEGEND (PROPOSED)

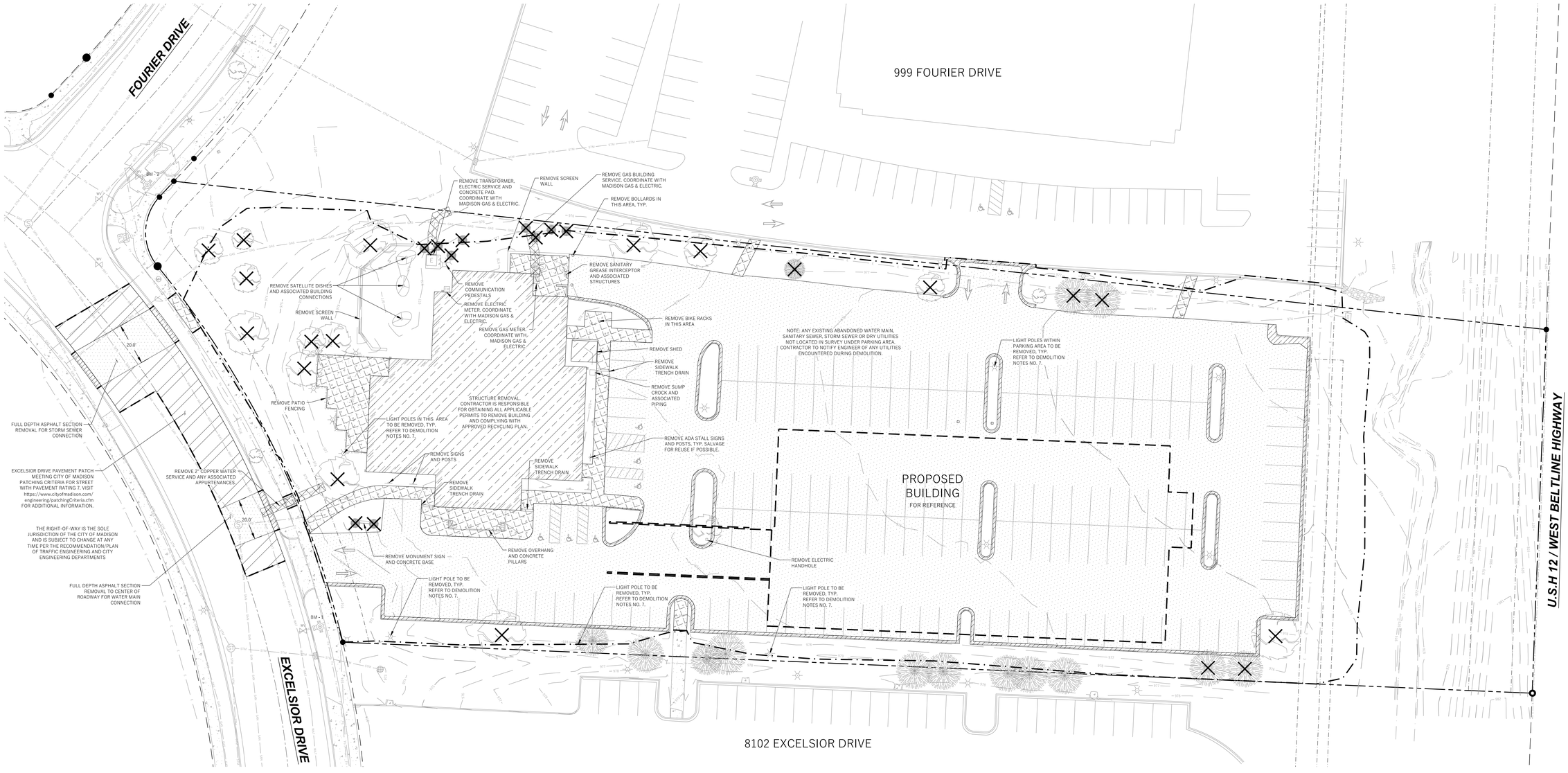
- PROPERTY LINE
- DISTURBANCE LIMITS
- NEW BUILDING (FOR REFERENCE)
- SAWCUT LIMITS
- BUILDING REMOVAL AREA
- FULL SECTION ASPHALT REMOVAL AREA
- PAVEMENT MILL AND OVERLAY AREA
- CONCRETE REMOVAL AREA
- CURB AND GUTTER REMOVAL
- UTILITY REMOVAL
- TREE REMOVAL

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF JANUARY 8, 2020. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

DEMOLITION NOTES

1. THIS PLAN INDICATES ITEMS ON THE SITE, NOT INCLUDING INTERNAL BUILDING DEMOLITION, INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGH FIELD SURVEY RECONNAISSANCE (BY OTHERS), "DIGGER'S HOTLINE" LOCATION, AND GENERAL "STANDARD OF CARE". THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVE GROUND OBSERVATION. WHERE NOT INCLUDED WITHIN THE FIELD SURVEY, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE, IT IS THE CONTRACTORS / BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE AND PROVIDE HIS OWN DUE DILIGENCE TO INCLUDE IN HIS BID WHAT ADDITIONAL ITEMS, IN HIS OPINION, MAY BE NECESSARY FOR DEMOLITION. ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR / BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE OWNER AND ENGINEER OF RECORD. WYSER ENGINEERING TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD HAVE NO KNOWLEDGE.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
   - 2.1. EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE OWNER AND ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
   - 2.2. VERIFYING UTILITY ELEVATIONS AND NOTIFYING OWNER AND ENGINEER OR ANY DISCREPANCIES. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.
   - 2.3. NOTIFYING ALL UTILITIES PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES.
   - 2.4. NOTIFYING THE OWNER, DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
3. CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.
4. CONTRACTOR SHALL KEEP ALL STREETS AND ADJOINING SHARED ACCESS ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.
5. ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. STUMPS SHALL BE GROUND TO PROPOSED SUBGRADE.
6. PERFORM TREE PRUNING IN ALL LOCATIONS WHERE PROPOSED PAVEMENT AND / OR UTILITY INSTALLATION ENCROACH WITHIN THE EXISTING DRIP LINE OF THE TREES TO REMAIN. ALL TRENCHING WITHIN THE EXISTING DRIP LINE OF THE TREES TO REMAIN SHALL BE DONE RADIALLY AWAY FROM THE TRUNK IF ROOTS IN EXCESS OF 1" DIAMETER ARE EXPOSED. ROOTS MUST BE CUT BY REPUTABLE TREE PRUNING SERVICE PRIOR TO ANY TRANSVERSE TRENCHING.
7. ALL LIGHT POLES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. COORDINATE RELOCATION AND / OR ABANDONMENT OF ALL ELECTRIC LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
8. CONTRACTOR SHALL COORDINATE PRIVATE UTILITY REMOVAL / ABANDONMENT AND NECESSARY RELOCATIONS WITH RESPECTIVE UTILITY COMPANY. COORDINATION REQUIRED PRIOR TO CONSTRUCTION.
9. ABANDONED / REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.
10. THE CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT AS REQUIRED.
11. CONTRACTOR TO REMOVE EXISTING UTILITY PIPE AND BACKFILL WITH SELECT FILL OR PROVIDE PIPE BACK-FILLING WITHIN BUILDING FOOTPRINT USING "LOW DENSITY CONCRETE / FLOWABLE FILL".
12. GRANULAR BACKFILL MATERIALS ARE REQUIRED FOR FILL UNDER PROPOSED PAVED AREAS.
13. RESTORATION OF THE EXISTING RIGHT-OF-WAYS AS NEEDED ARE CONSIDERED INCIDENTAL AND SHOULD BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS, DEMOLITION AND REMOVAL. THIS INCLUDES, BUT IS NOT LIMITED TO, CURB & GUTTER, SIDEWALK, TOPSOIL, SEEDING AND MULCHING.
14. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.



BENCHMARK TABLE

BM LABEL	ELEVATION	DESCRIPTION
BM - 1	976.18	TOP NUT OF HYDRANT NEAR SOUTHWEST CORNER OF PROPERTY
BM - 2	974.96	TOP NUT OF HYDRANT AT SOUTHEAST QUADRANT OF FOURIER DRIVE AND EXCELSIOR DRIVE

* REFER TO GENERAL NOTE NO. 2

DRAWN BY: AJW 12/4/2019 8:06:44 AM

NOR

0' 10' 20' 40'
1"=20' on 24x36
NTS on 11x17

WYSER ENGINEERING

8150 EXCELSIOR DRIVE
MADISON, WI 53717

OLD SAUK TRAILS BUILDING

CITY OF MADISON, DANE COUNTY, WI

Sheet Title: DEMOLITION PLAN

Revisions:

No.	Date:	Description:

NOT FOR CONSTRUCTION

Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	19-0672
Set Type	REVIEW
Date Issued	05/15/2020
Sheet Number	C101

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- EASEMENT
- BUILDING LINE
- BUILDING OVERHANG
- DISTURBANCE LIMITS
- 18" STANDARD CURB AND GUTTER
- 18" REJECT CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- 975 MAJOR CONTOUR
- 974 MINOR CONTOUR
- STM STORM SEWER
- STMperf PERFORATED UNDERDRAIN PIPE
- 977.79 SW SPOT ELEVATION
- DRAINAGE BREAK
- 1.0% DRAINAGE ARROW
- SILT FENCE
- INLET PROTECTION

NOTE:
SPOT GRADES ARE AS FOLLOWS:
BC - BACK OF CURB
BW - FINISH GRADE ADJACENT BOTTOM OF WALL (NOT FOOTING)
EC - EDGE OF CONCRETE PAVEMENT
EP - EDGE OF ASPHALT PAVEMENT
FFE - FINISHED FLOOR GRADE
FG - FINISH GRADE
FL - FLOW LINE
SW - EDGE OF SIDEWALK
TW - FINISH GRADE ADJACENT TOP OF WALL

GENERAL NOTES

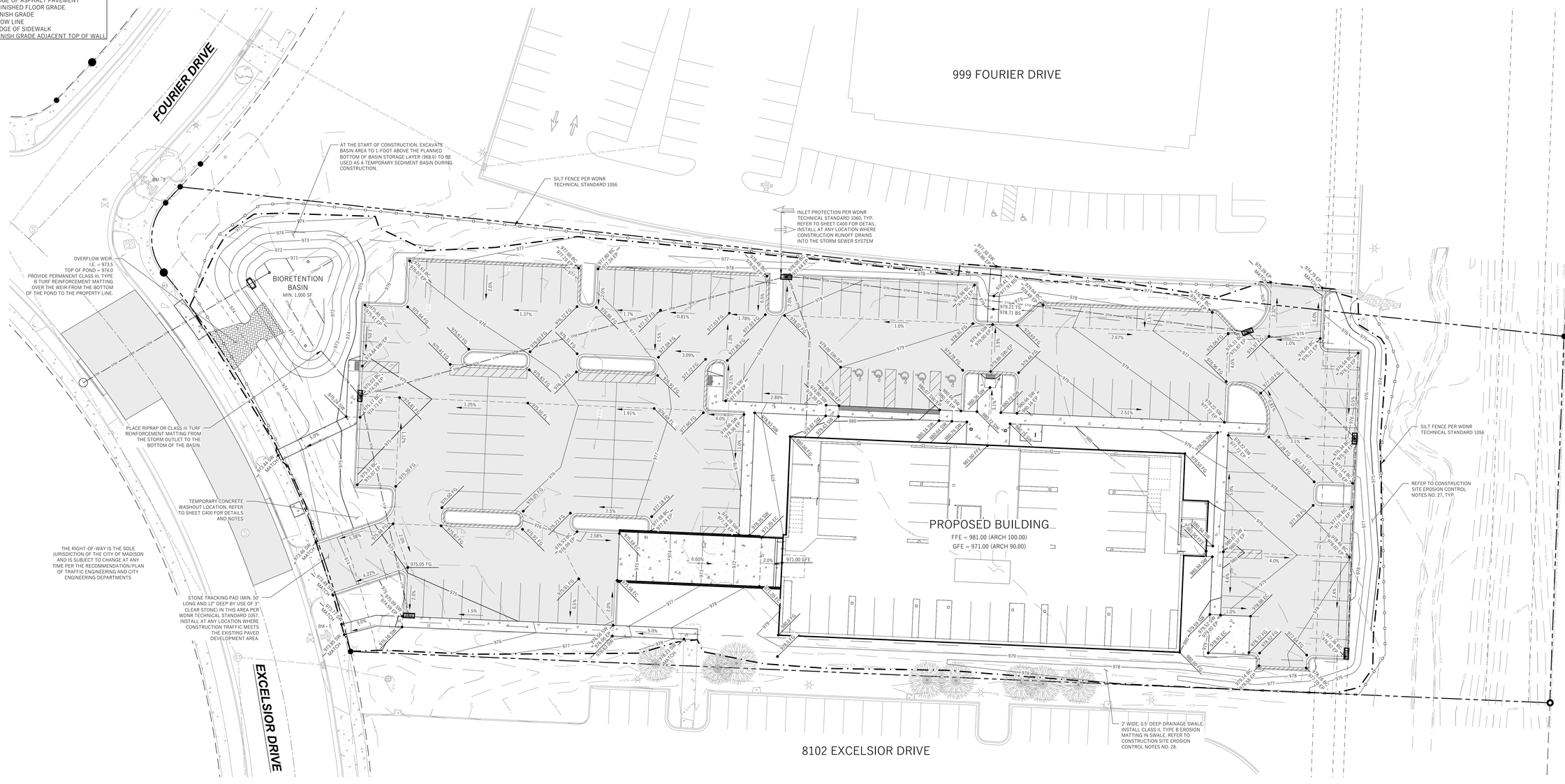
1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF JANUARY 8, 2020. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1. POST WDNR CERTIFICATE OF PERMIT COVERAGE AND MUNICIPAL EROSION CONTROL PERMITS ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
2. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
3. ENGINEER / CITY OF MADISON / WDNR HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY.CONTRACTOR MUST NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TO SCHEDULE A MEETING A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTURBANCE ACTIVITIES.
4. SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
5. THE SITE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
6. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
7. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
8. REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html
9. INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
10. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060 AND DANE COUNTY REQUIREMENTS FOR FRAMED INLET PROTECTION.
11. CONTRACTOR TO PROVIDE SOLID LID OR METAL PLATE ON ALL OPEN MANHOLES DURING CONSTRUCTION TO MINIMIZE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM.
12. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
13. PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE.
14. PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061.
15. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 528). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064 AND SEDIMENT TRAP # 1063.
16. CONSTRUCT AND PROTECT THE BIOINFILTRATION BASIN AND VEGETATION FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNR TECHNICAL STANDARD BIORETENTION FOR INFILTRATION # 1004.
17. INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
18. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
19. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS # 1071.
20. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
21. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
22. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
23. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE AUTHORITIES WITH JURISDICTION. SEPARATE SWEPT MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
24. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES # 1068.
25. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
26. COORDINATE WITH THE AUTHORITIES WITH JURISDICTION TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
27. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS CLASS I TYPE B EROSION CONTROL MATTING. INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
28. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS II TYPE B EROSION CONTROL MATTING UNLESS OTHERWISE SPECIFIED ON THE PLAN. INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
29. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
30. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND DEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: http://dnr.wi.gov/botw/
31. INSTALL AND MAINTAIN A CONCRETE WASHOUT BASIN PER EPA 833-F-11-006: https://www3.epa.gov/npdes/pubs/concretewashout.pdf. REQUIRE USE BY ALL CONCRETE CONTRACTORS. LIQUID MAY BE RECISED IN CONCRETE MIXING, EVAPORATED, OR DISPOSED OF AS WASTEWATER.

GRADING, SEEDING & RESTORATION NOTES

1. ALL GRADES SHOWN ARE FINAL FINISHED SURFACE GRADES.
2. AREAS TO BE SEEDED SHALL HAVE A MINIMUM 6 INCHES TOPSOIL UNLESS OTHERWISE NOTED.
3. RESTORATION SHALL OCCUR AS SOON AS PRACTICABLE AFTER THE DISTURBANCE, WITHIN 7 DAYS OF TOPSOILING.
4. AREAS NOT RESTORED WITH EROSION MATTING OR OTHER STABILIZATION MEASURES SHALL BE STABILIZED WITH MULCH.
5. APPLY ANIONIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
6. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES AND PROVIDE TEMPORARY SEEDING ON STOCKPILES WHICH ARE TO REMAIN IN PLACE FOR MORE THAN 7 DAYS.
7. MULCH SHALL BE WEED-FREE STRAW AND SHALL BE INSTALLED AT THE RATE OF 2 TONS PER ACRE PER SECTION 627 OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" (WISDOT 2014)
8. PERMANENT SEEDING SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH. ALTERNATE SEEDING/PLANTING METHODS AND/OR EROSION PROTECTION MAY BE NECESSARY FOR SEEDING/PLANTING THAT OCCURS DURING THAT TIME. COORDINATE WITH THE OWNER AS NECESSARY.
9. TEMPORARY STABILIZATION SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING OPTIONS:
   a. TEMPORARY SEEDING CONSISTING OF ANNUAL RYE GRASS APPLIED AT A RATE OF 1.5 LBS PER 1000 SQUARE FEET.
   b. WISDOT PAL CLASS I TYPE B URBAN EROSION CONTROL MAT.
10. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.



BENCHMARK TABLE

BM LABEL	ELEVATION	DESCRIPTION
BM - 1	976.18	TOP NUT OF HYDRANT NEAR SOUTHWEST CORNER OF PROPERTY
BM - 2	974.96	TOP NUT OF HYDRANT AT SOUTHEAST QUADRANT OF FOURIER DRIVE AND EXCELSIOR DRIVE

* REFER TO GENERAL NOTE NO. 2

EROSION CONTROL CONSTRUCTION SCHEDULE

1. 07/01/2020 - INITIAL LAND DISTURBING - INSTALL ALL PERIMETER EROSION CONTROL DEVICES INCLUDING STONE TRACKING PAD, SILT FENCE AND INLET PROTECTION OF EXISTING INLETS, INCLUDING PUBLIC INLETS WITHIN THE PUBLIC STREET.
2. DURING CONSTRUCTION
   2.1. AS INLETS ARE INSTALLED, INSTALL INLET PROTECTION.
   2.2. SOIL STOCKPILES WHICH ARE LEFT UNUSED FOR MORE THAN 7 DAYS SHALL BE STABILIZED AND SILT FENCE INSTALLED AROUND THE PILE.
   2.3. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER.
3. 07/15/2020 - STRIP TOPSOIL AND STOCKPILE. MASS GRADING/SUBGRADE PREPARATION, INCLUDING TEMPORARY SEDIMENT BASIN IN THE LOCATION OF THE BIORETENTION BASIN.
4. 08/15/2020 - 04/01/2021 - INSTALL STORM SEWER SYSTEM, PLACE CRUSHED AGGREGATE BASE COURSE, BUILDING CONSTRUCTION
5. 10/15/2020 - TEMPORARY MULCH OR EROSION MAT ON DISTURBED OPEN AREAS OUTSIDE OF CONSTRUCTION LIMITS.
6. 05/15/2021 - SITE PAVING. FINAL SITE STABILIZATION WITH SEED, MULCH AND EROSION MATTING WHERE REQUIRED.
7. 05/20/2021 - BIORETENTION CONSTRUCTION INCLUDING SUBSURFACE MATERIALS. FINAL PLANTING TO BE COMPLETED WHEN CONSTRUCTION SITE HAS BEEN STABILIZED.
8. 07/15/2021 - FINAL SITE STABILIZATION - ALL PERVIOUS AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH A MINIMUM OF 6" OF TOPSOIL, FERTILIZER, SEED, AND MULCH WITHIN SEVEN (7) DAYS OF FINAL GRADING.

DRAWN BY: AJW 12/4/2019 8:06:44 AM

NOT FOR CONSTRUCTION

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

NORTH
1"=20' on 30"x42"
NTS on 11"x17"

WYSER ENGINEERING

8150 EXCELSIOR DRIVE
MADISON, WI 53717

OLD SAUK TRAILS BUILDING

CITY OF MADISON, DANE COUNTY, WI

Sheet Title: GRADING & EROSION CONTROL PLAN

Revisions:

No.	Date:	Description:

Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	19-0672
Set Type	REVIEW
Date Issued	05/15/2020
Sheet Number	C200

LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- EASEMENT
- BUILDING LINE
- BUILDING OVERHANG
- 18" STANDARD CURB AND GUTTER
- 18" REJECT CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- WAT WAT WAT — WATER MAIN
- STM STM STM — STORM SEWER
- SAN SAN SAN — SANITARY SEWER
- GAS GAS GAS — GAS SERVICE (DESIGN BY OTHERS)
- E E — ELECTRIC SERVICE (DESIGN BY OTHERS)
- STORMWATER TREATMENT FACILITY

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF JANUARY 8, 2020. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

UTILITY NOTES

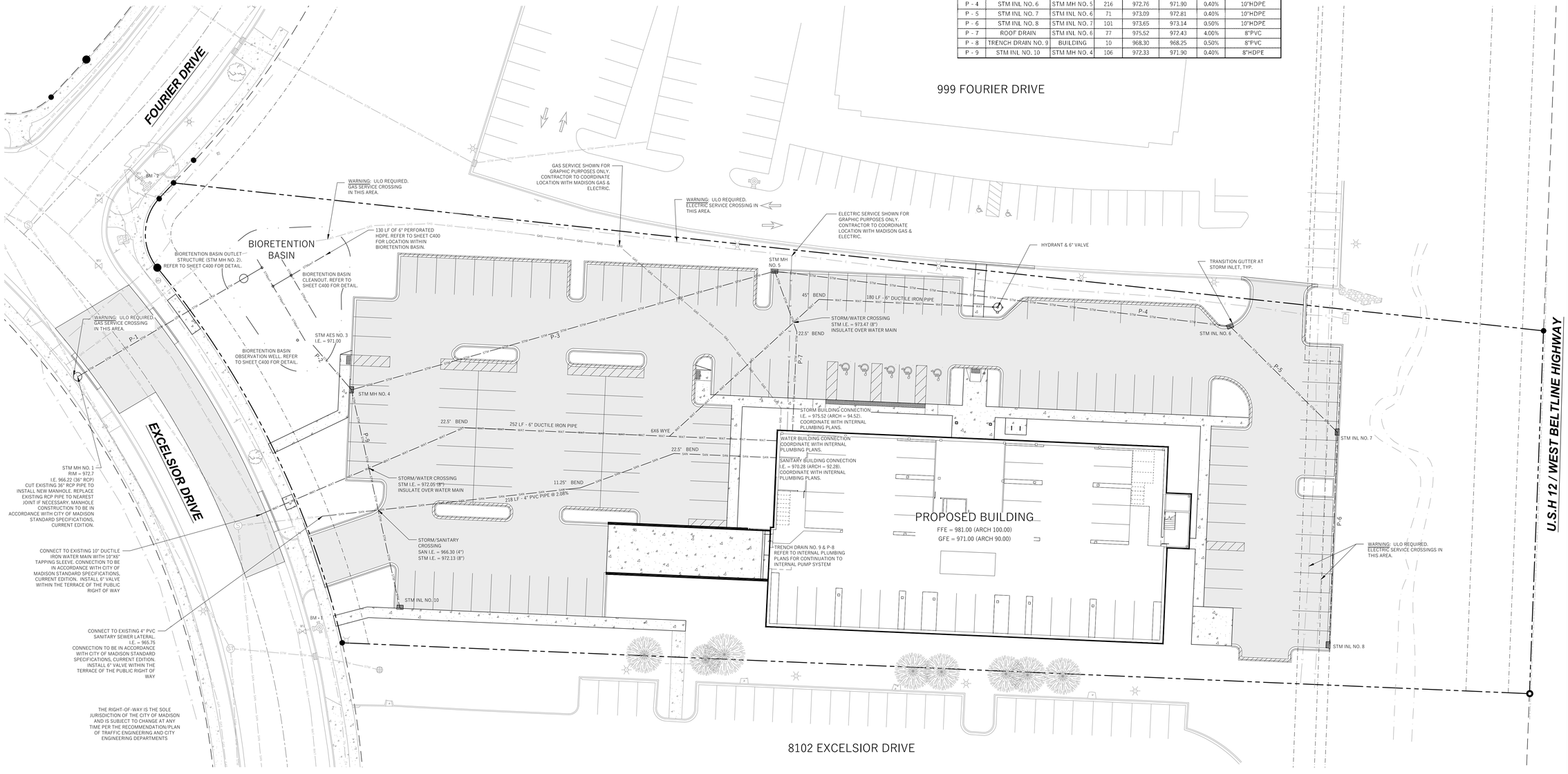
1. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
2. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISDOT, WISDSPS, AND WDNR.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
   - EXAMINING ALL SITES CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
   - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
   - VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
   - NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
   - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
10. ANY SANITARY SEWER , SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE. NO BLASTING IS ALLOWED WITHIN 30 FEET OF EXISTING UTILITIES.
11. ALL PRIVATE INTERCEPTOR WATER MAIN AND WATER SERVICES SHALL BE INSTALLED WITH A 6' MINIMUM BURY. PROVIDE INSULATION ABOVE PIPES WITH LESS THAN 5' OF GROUND COVER.
12. GRANULAR BACKFILL MATERIALS ARE REQUIRED IN ALL UTILITY TRENCHES UNDER SIDEWALKS AND PROPOSED PAVED AREAS (UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL ENGINEER). ALL UTILITY TRENCH BACKFILL SHALL BE COMPACTED PER SPECIFICATIONS. ALL PAVEMENT PATCHING SHALL COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS. ADDITIONAL PAVEMENT MILLING AND OVERLAY MAY BE REQUIRED BY PERMIT.
13. CONTRACTOR SHALL NOTIFY THE MUNICIPAL PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
14. ALL NON-METALLIC BUILDING SEWER AND WATER SERVICES MUST BE ACCOMPANIED BY MEANS OF LOCATING UNDERGROUND PIPE. TRACER WIRE VALVE BOXES SHALL BE INSTALLED ON ALL LATERALS AND AS INDICATED ON THESE PLANS.
15. ALL EXTERIOR CLEANOUTS SHALL BE PROVIDED WITH A FROST SLEEVE IN ACCORDANCE WITH SPS 382.34(5)(a)b AND SPS 384.30(2)(c).
16. ALL PRIVATE SANITARY BUILDING SEWER PIPE AND TUBING SHALL CONFORM TO SPS 384.30-3.
17. ALL PRIVATE STORM BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-6.
18. ALL PRIVATE PIPE AND TUBING FOR WATER SERVICE SHALL CONFORM TO SPS 384.30-7.
19. ALL PRIVATE PIPE SHALL BE INSTALLED PER SPS 384.40-8 INCLUDING AT LEAST 8' OF HORIZONTAL DISTANCE BETWEEN WATER PIPING AND SANITARY SEWER FROM CENTER OF PIPE TO CENTER OF PIPE AND 6" OF SEPARATION BETWEEN STORM SEWER AND WATER PIPING.
20. THE CONTRACTOR SHALL ALLOW 10 WORKING DAYS FOR THE CONSTRUCTION OF GAS MAINS WHEN SCHEDULING THE WORK AND SHALL NOT RESTRICT ACCESS TO THE GAS MAIN CONTRACTOR OR OTHER UTILITY COMPANIES.
21. CONTRACTOR SHALL VERIFY AND COORDINATE ALL UTILITY CONNECTIONS WITH THE BUILDING PRIOR TO CONSTRUCTION.
22. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO BE IN CONFORMANCE WITH THE CITY OF MADISON EROSION CONTROL AND STORMWATER ORDINANCE, AND DNR ADMINISTRATIVE RULE NR 216 AT ALL TIMES.

PROPOSED STORM SEWER STRUCTURES SCHEDULE

LABEL	INVERT ELEV. (FT)	RIM ELEV. (FT)	DEPTH (FT)	STRUCTURE DESCRIPTION	GRATE
STM MH NO. 1	966.22	972.70	6.48	72" MANHOLE	R-1550, SOLID GRATE
STM MH NO. 2	968.21	973.50	5.29	48" MANHOLE	HAALA PS48-58S
STM AES NO. 3	971.00	-	-	18" HDPE ENDWALL	-
STM MH NO. 4	971.07	974.59	3.52	48" MANHOLE	R-3067 COMBINATION INLET FRAME TYPE R GRATE
STM MH NO. 5	971.85	977.64	5.79	48" MANHOLE	R-3067 COMBINATION INLET FRAME TYPE R GRATE
STM INL NO. 6	972.76	975.87	3.11	2'X3' BOX	R-3067 COMBINATION INLET FRAME TYPE R GRATE
STM INL NO. 7	973.09	975.90	2.81	2'X3' BOX	R-3067 COMBINATION INLET FRAME TYPE R GRATE
STM INL NO. 8	973.65	976.92	3.27	2'X3' BOX	R-3067 COMBINATION INLET FRAME TYPE R GRATE
TRENCH DRAIN NO. 9	968.30	971.05	2.75	10" TRENCH DRAIN	R-4990-BX, TYPE C OPENINGS
STM INL NO. 10	972.33	974.59	2.26	2'X3' BOX	R-3067 COMBINATION INLET FRAME TYPE R GRATE

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE LABEL	FROM	TO	LENGTH (FT)	INVERT ELEV. (FT)	DISCHARGE ELEV. (FT)	SLOPE (%)	PIPE SIZE & TYPE
P - 1	STM MH NO. 2	STM MH NO. 1	91	968.21	967.30	1.00%	15"RCP
P - 2	STM MH NO. 4	STM AES NO. 3	28	971.07	971.00	0.25%	18"HDPE
P - 3	STM MH NO. 5	STM MH NO. 4	207	971.85	971.12	0.35%	15"HDPE
P - 4	STM INL NO. 6	STM MH NO. 5	216	972.76	971.90	0.40%	10"HDPE
P - 5	STM INL NO. 7	STM INL NO. 6	71	973.09	972.81	0.40%	10"HDPE
P - 6	STM INL NO. 8	STM INL NO. 7	101	973.65	973.14	0.50%	10"HDPE
P - 7	ROOF DRAIN	STM INL NO. 6	77	975.52	972.43	4.00%	8"PVC
P - 8	TRENCH DRAIN NO. 9	BUILDING	10	968.30	968.25	0.50%	8"PVC
P - 9	STM INL NO. 10	STM MH NO. 4	106	972.33	971.90	0.40%	8"HDPE



BENCHMARK TABLE

BM LABEL	ELEVATION	DESCRIPTION
BM - 1	976.18	TOP NUT OF HYDRANT NEAR SOUTHWEST CORNER OF PROPERTY
BM - 2	974.96	TOP NUT OF HYDRANT AT SOUTHEAST QUADRANT OF FOURIER DRIVE AND EXCELSIOR DRIVE

* REFER TO GENERAL NOTE NO. 2

DRAWN BY: AJW 12/4/2019 8:06:44 AM

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

NOT FOR CONSTRUCTION

WYSER ENGINEERING

8150 EXCELSIOR DRIVE
MADISON, WI 53717

OLD SAUK TRAILS BUILDING

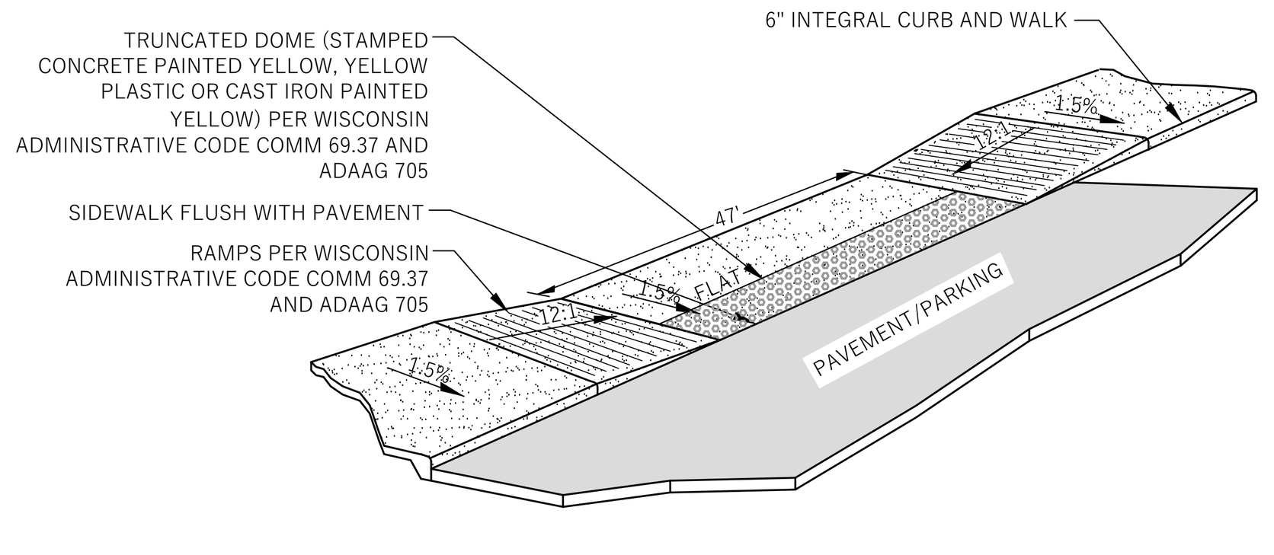
CITY OF MADISON, DANE COUNTY, WI

Sheet Title: UTILITY PLAN

Revisions:

No.	Date:	Description:

Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	19-0672
Set Type	REVIEW
Date Issued	05/15/2020
Sheet Number	C300

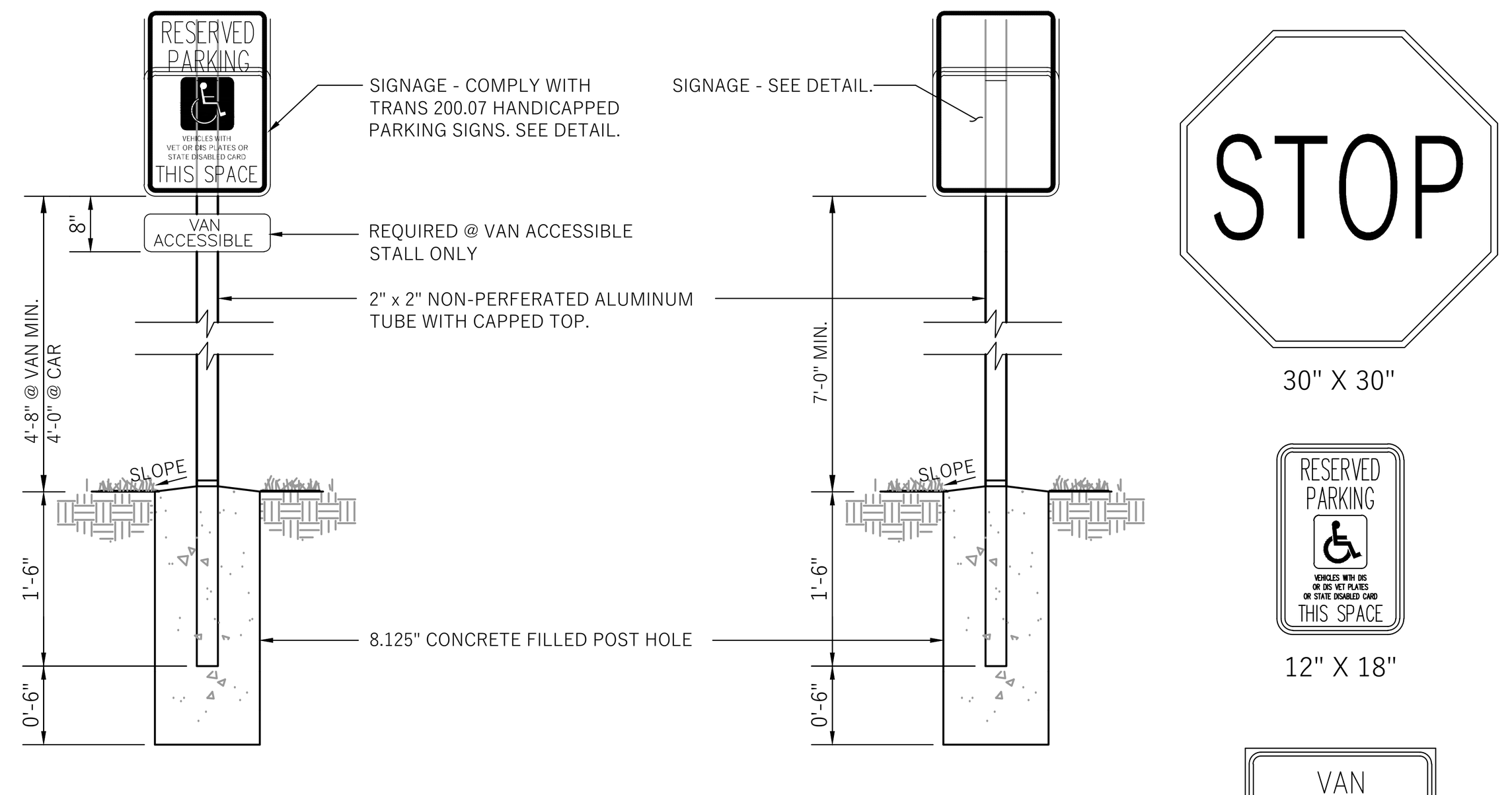

TRUNCATED DOME (STAMPED CONCRETE PAINTED YELLOW, YELLOW PLASTIC OR CAST IRON PAINTED YELLOW) PER WISCONSIN ADMINISTRATIVE CODE COMM 69.37 AND ADAAG 705
6" INTEGRAL CURB AND WALK
SIDEWALK FLUSH WITH PAVEMENT
RAMPS PER WISCONSIN ADMINISTRATIVE CODE COMM 69.37 AND ADAAG 705
PAVEMENT/PARKING

ADA RAMP

MATERIAL	THICKNESS	SPECIFICATION
BITUMINOUS UPPER LAYER	1.75"	SECTION 460, TABLE 460-1, 9.5 MM
BITUMINOUS LOWER LAYER	2.25"	SECTION 460, TABLE 460-1, 12.5 MM
DENSE GRADED BASE	12.0"	SECTION 301 AND 305, 31.5 MM
TOTAL THICKNESS	16.0"	

1. REFERENCED SPECIFICATION IS WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, INCLUDING SUPPLEMENT SPECIFICATIONS, BUT EXCLUDING SECTION 460.3.2 RELATING LAYER THICKNESS TO AGGREGATE SIZE.
2. COMPACTION REQUIREMENTS
   - 2.1. BITUMINOUS CONCRETE: REFER TO SECTION 460-3.
   - 2.2. BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION
3. MIXTURE TYPE LT 58-28 S BITUMINOUS PAVEMENT IS RECOMMENDED, REFER TO SECTION 460, TABLE 460-2 OF THE STANDARD SPECIFICATIONS.

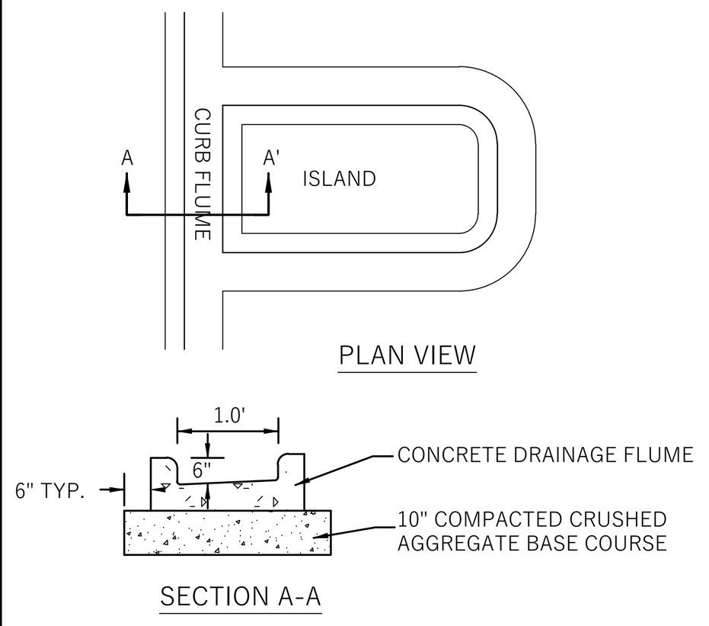
PAVEMENT SECTIONS


RESERVED PARKING
SIGNAGE - COMPLY WITH TRANS 200.07 HANDICAPPED PARKING SIGNS. SEE DETAIL.
VAN ACCESSIBLE
REQUIRED @ VAN ACCESSIBLE STALL ONLY
2" x 2" NON-PERFERATED ALUMINUM TUBE WITH CAPPED TOP.
SIGNAGE - SEE DETAIL
4'-8" @ VAN MIN.
4'-0" @ CAR
7'-0" MIN.
1'-6"
0'-6"
SLOPE
8.125" CONCRETE FILLED POST HOLE
STOP
30" X 30"
RESERVED PARKING
12" X 18"
VAN ACCESSIBLE
12" X 6"

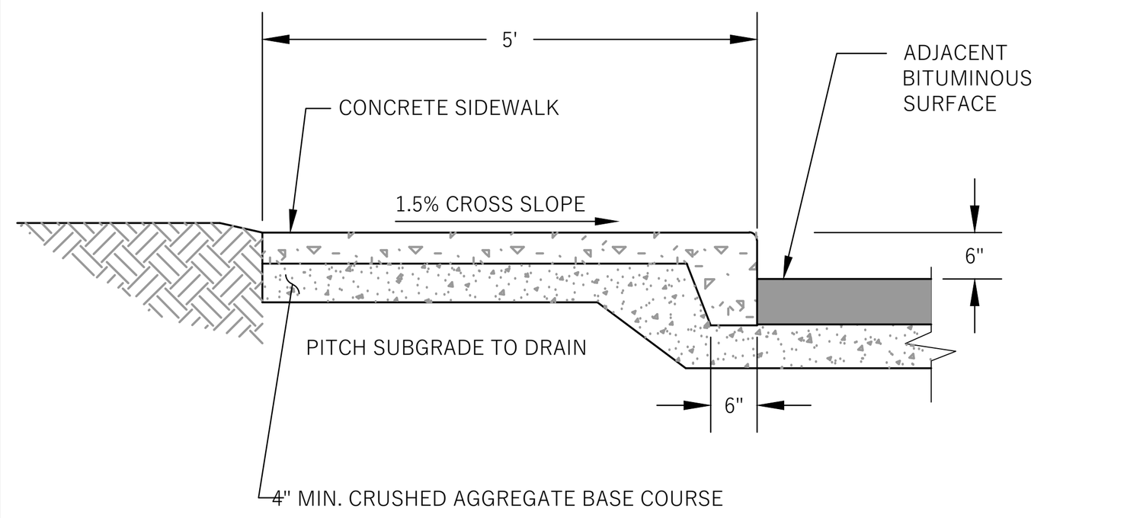
GENERAL NOTES:

- ALL SIGNS TO MEET THE CRITERIA OUTLINED WITHIN THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AND WISCONSIN DOT, AS APPLICABLE.
- EXCAVATION BY GENERAL CONTRACTOR
- POST SHALL BE SET BY CONCRETE CONTRACTOR
- SIGN PROVIDED BY HARDWARE SUPPLIER & INSTALLED BY CARPENTER
- WIPE CLEAN EXCESS CONCRETE FROM POST BY CONCRETE CONTRACTOR
- CARPENTER TO DRILL HOLES IN STEEL POST FOR SIGN ATTACHMENT.

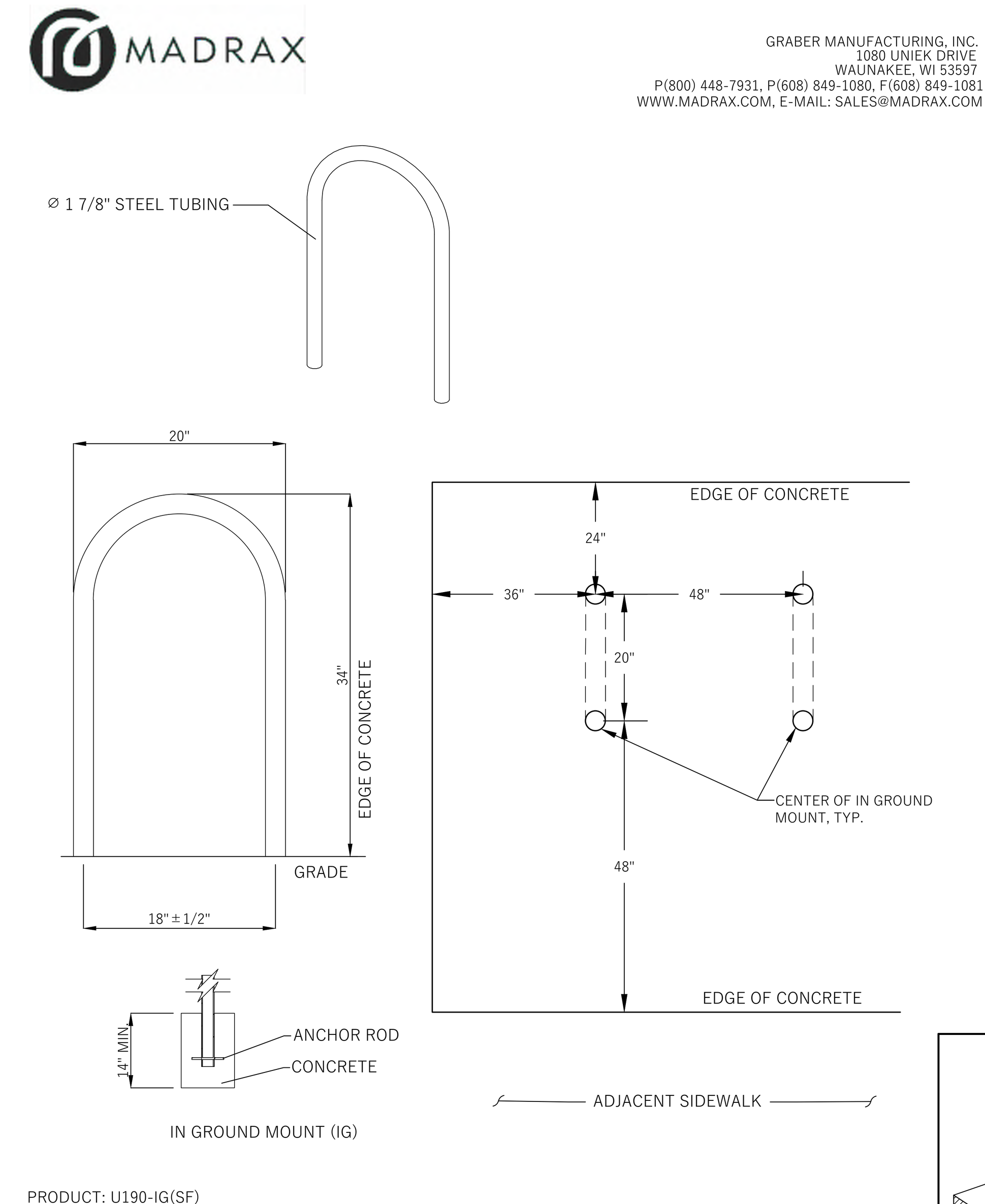
SITE SIGNAGE



CURB FLUME



THICKENED EDGE SIDEWALK


MADRAX
GRABER MANUFACTURING, INC.
1080 UNIEK DRIVE
WAUNAKEE, WI 53597
P(800) 448-7931, P(608) 849-1080, F(608) 849-1081
WWW.MADRAX.COM, E-MAIL: SALES@MADRAX.COM
Ø 1 7/8" STEEL TUBING
20"
34"
GRADE
18" ± 1/2"
EDGE OF CONCRETE
24"
36"
48"
20"
CENTER OF IN GROUND MOUNT, TYP.
ANCHOR ROD
CONCRETE
IN GROUND MOUNT (IG)
ADJACENT SIDEWALK
PRODUCT: U190-IG(SF)
DESCRIPTION: "UP" BIKE RACK
2 BIKE, IN GROUND MOUNT
DATE: 10-4-18
ENG: SMC

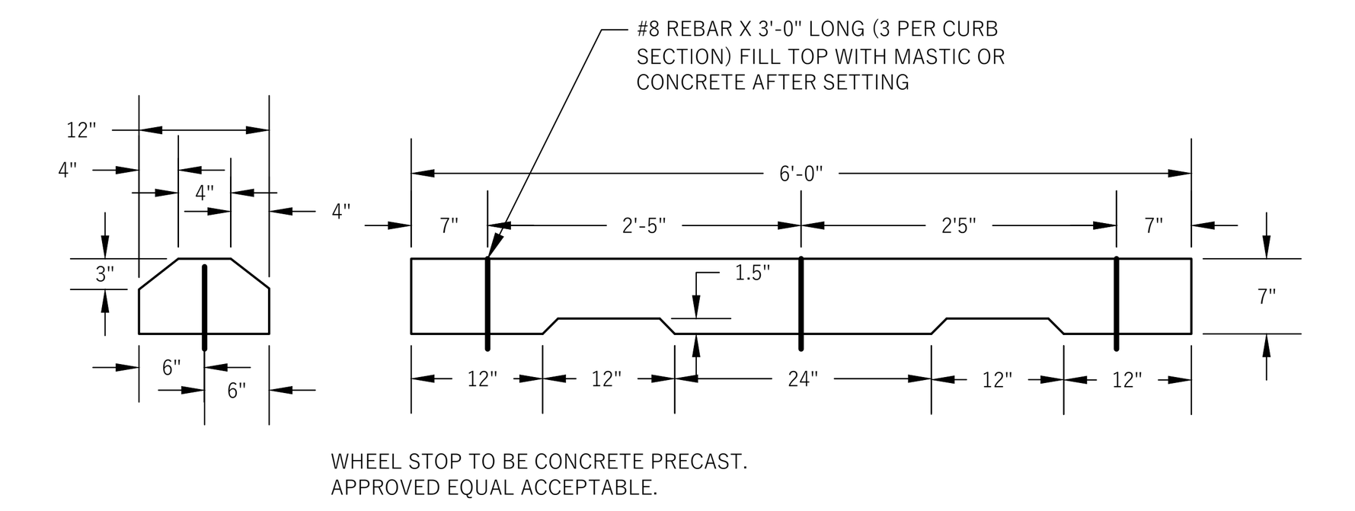
CONFIDENTIAL DRAWING AND INFORMATION IS NOT TO BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF GRABER MANUFACTURING, INC. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

©2018 GRABER MANUFACTURING, INC.
ALL PROPRIETARY RIGHTS RESERVED.

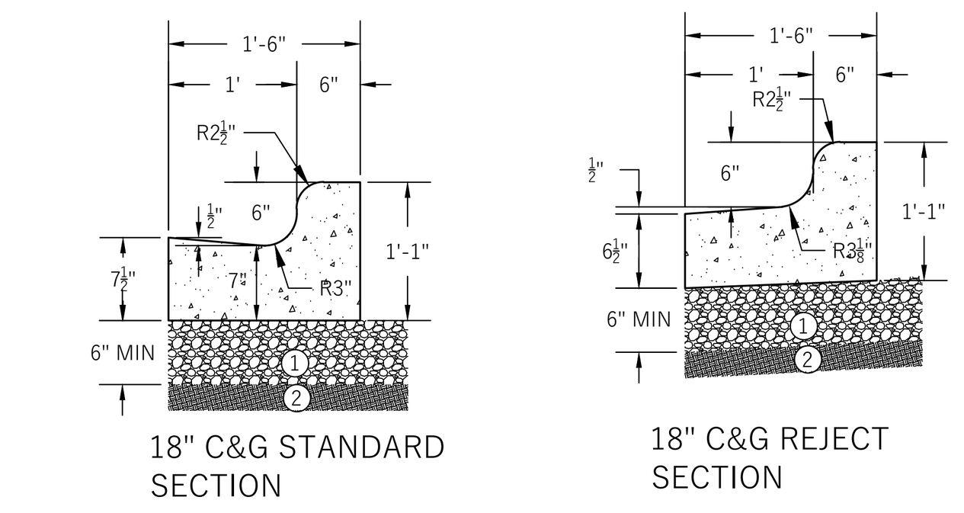
NOTES:

1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. FINISH TO BE BLACK POWDER COATED.
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.

BIKE RACKS



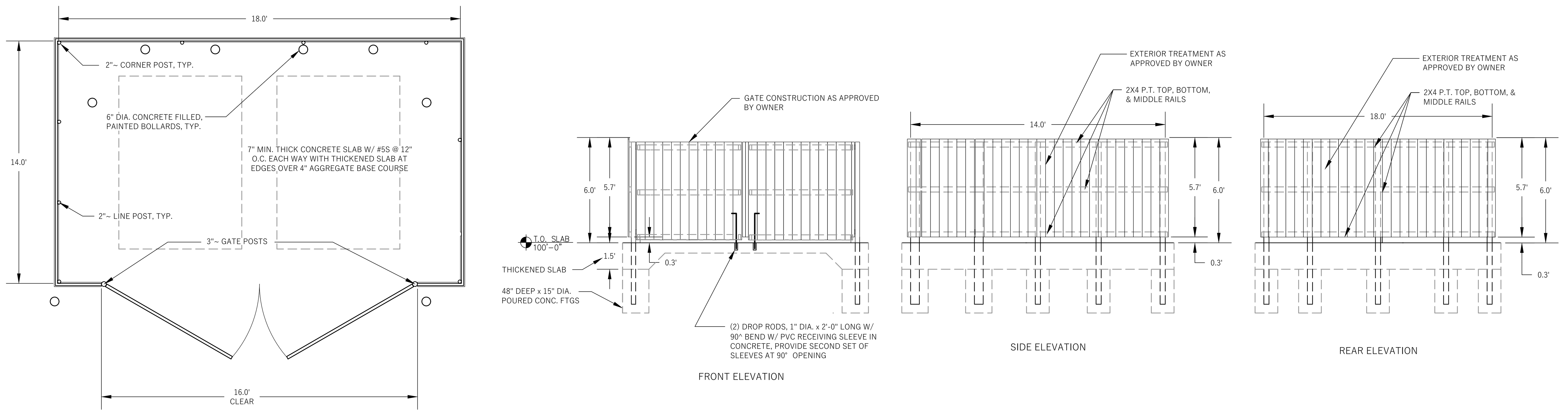
CONCRETE WHEEL STOP



① DENSE GRADED BASE 1-1/4" (TYP.), SHALL BE PROVIDED 18" BEYOND THE BACK OF CURB

② COMPACTED SUB BASE

18" CURB AND GUTTER


18.0'
14.0'
2" CORNER POST, TYP.
6" DIA. CONCRETE FILLED, PAINTED BOLLARDS, TYP.
7" MIN. THICK CONCRETE SLAB W/ #5S @ 12" O.C. EACH WAY WITH THICKENED SLAB AT EDGES OVER 4" AGGREGATE BASE COURSE
2" LINE POST, TYP.
3" GATE POSTS
16.0' CLEAR
PLAN VIEW
GATE CONSTRUCTION AS APPROVED BY OWNER
T.O. SLAB 100'-0"
THICKENED SLAB
48" DEEP x 15" DIA. POURED CONC. FTGS
(2) DROP RODS, 1" DIA. x 2'-0" LONG W/ 90° BEND W/ PVC RECEIVING SLEEVE IN CONCRETE, PROVIDE SECOND SET OF SLEEVES AT 90° OPENING
FRONT ELEVATION
EXTERIOR TREATMENT AS APPROVED BY OWNER
2X4 P.T. TOP, BOTTOM, & MIDDLE RAILS
SIDE ELEVATION
REAR ELEVATION

TRASH ENCLOSURE

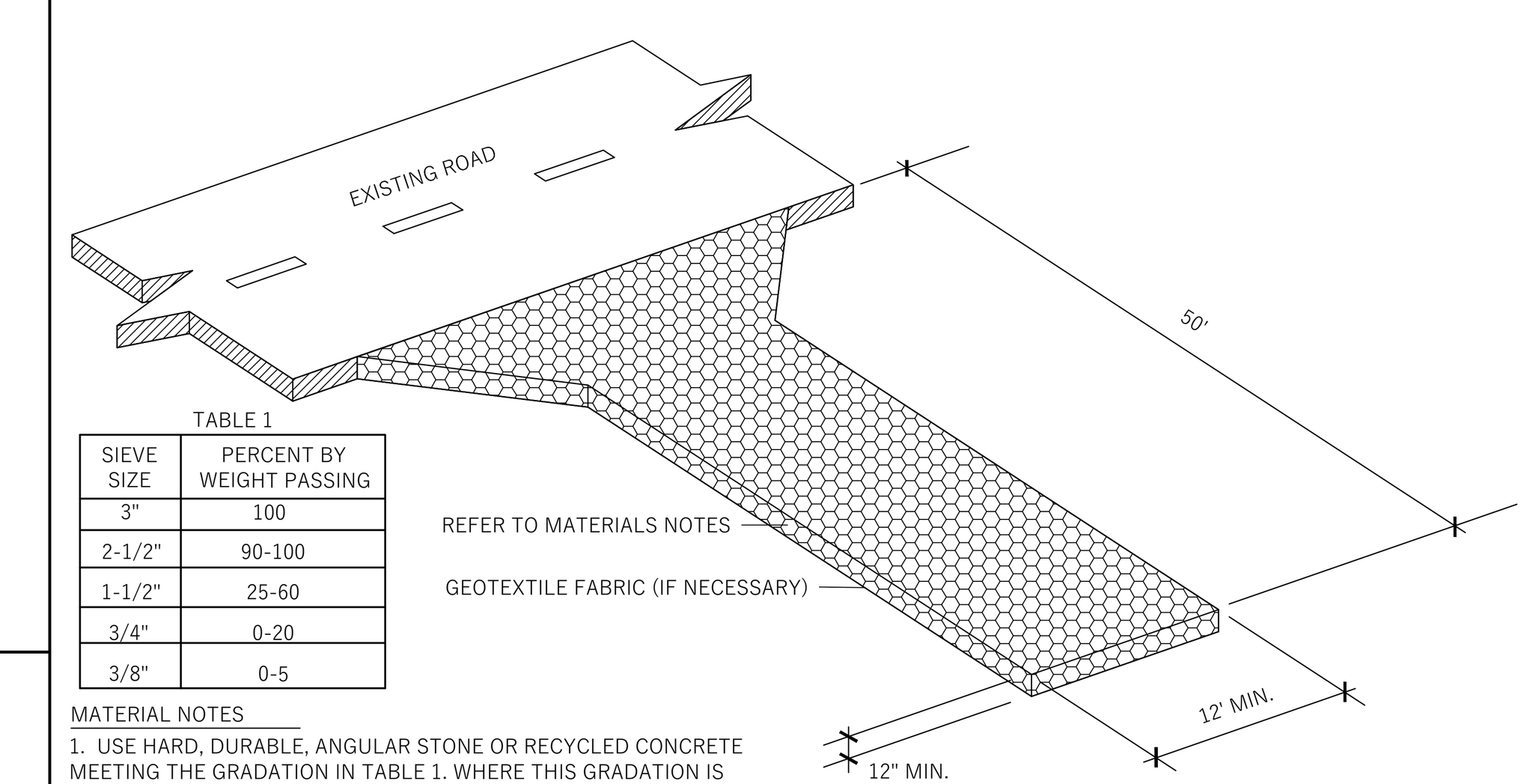


TABLE 1

SIEVE SIZE	PERCENT BY WEIGHT PASSING
3"	100
2-1/2"	90-100
1-1/2"	25-60
3/4"	0-20
3/8"	0-5

MATERIAL NOTES

1. USE HARD, DURABLE, ANGULAR STONE OR RECYCLED CONCRETE MEETING THE GRADATION IN TABLE 1. WHERE THIS GRADATION IS NOT AVAILABLE, MEET THE GRADATION IN WISCONSIN DEPARTMENT OF TRANSPORTATION (DOT) STANDARD SPECIFICATION, SECTION 312 SELECT CRUSHED MATERIAL. USE MATERIAL SUBSTANTIALLY FREE FROM DIRT, DEBRIS, STEEL, VEGETABLE MATTER, AND OTHER DELETERIOUS MATERIAL. PLACE THE AGGREGATE IN A LAYER AT LEAST 12 INCHES THICK.

2. THE TRACKING PAD SHALL BE UNDERLAIN WITH A WDOT TYPE R GEOTEXTILE FABRIC WHERE WARRANTED BASED ON SOIL TYPE OR HIGH GROUNDWATER.

INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1057.

2. INSTALL THE TRACKING PAD ACROSS THE FULL WIDTH OF THE ACCESS POINT, OR RESTRICT EXITING TRAFFIC TO A DEDICATED EGRESS LANE WITH A DRIVING SURFACE AT LEAST 12 FEET WIDE.

3. DIMENSIONS OF THE TRACKING PAD SHALL BE MINIMUM AS NOTED ON THE FIGURE ABOVE.

4. DIVERT SURFACE FLOWS AWAY FROM TRACKING PADS OR CONVEY FLOW UNDER AND/OR AROUND USING CULVERTS AND SWALES. DIRECT RUNOFF FROM TRACKING PADS TO SEDIMENT CONTROL PRACTICES.

5. DO NOT COMPACT AGGREGATE PRIOR TO USE. COMPACTION, GROUTING, OR OTHER MEANS OF CREATING A SMOOTH SURFACE COMPROMISE THE EFFECTIVENESS OF THE TRACKING PAD.

6. TRACKING PAD SHALL BE REMOVED OR INCORPORATED INTO GRAVEL DRIVEWAY ONLY AFTER CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.

INSPECTION & MAINTENANCE NOTES

1. STONE TRACKING PADS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD.

2. MONITOR AND MAINTAIN DEVICES TO MINIMIZE SHIFTING, RUTTING OF ADJACENT SURFACES, AND STRUCTURAL FAILURE. MAINTAIN A LOOSENED, ROUGH SURFACE BY SCRAPING, LOOSENING, OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.

2. ADDITIONAL AGGREGATE SHALL BE PLACED IF THE TRACKING PAD BECOMES BURIED OR IF SEDIMENT IS NOT BEING REMOVED EFFECTIVELY FROM THE VEHICLE TIRES.

3. A MINIMUM 30-FEET WIDE BY 50-FEET LONG BY 12-INCH THICK PAD SHALL BE MAINTAINED AT ALL TIMES. ADD STONE AS NEEDED TO MAINTAIN THE MINIMUM PAD THICKNESS.

4. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.

5. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING AT THE END OF EACH WORKING DAY.

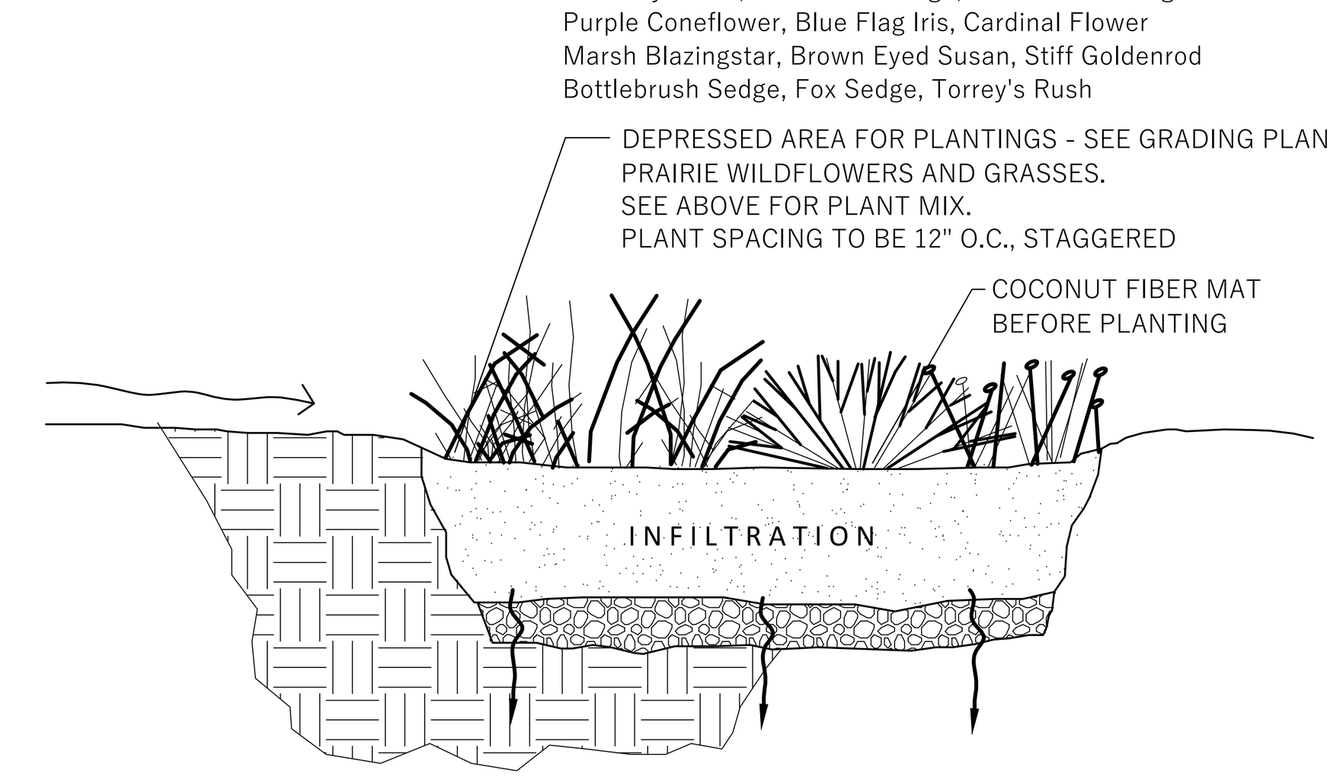
6. REMOVE STONES LODGED BETWEEN THE TIRES OF DUAL WHEEL VEHICLES PRIOR TO LEAVING THE CONSTRUCTION SITE.

7. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION FOR SITE CONDITIONS.

8. REPLACE DAMAGED OR CRUSHED CULVERTS UNDER TRACKING PAD.

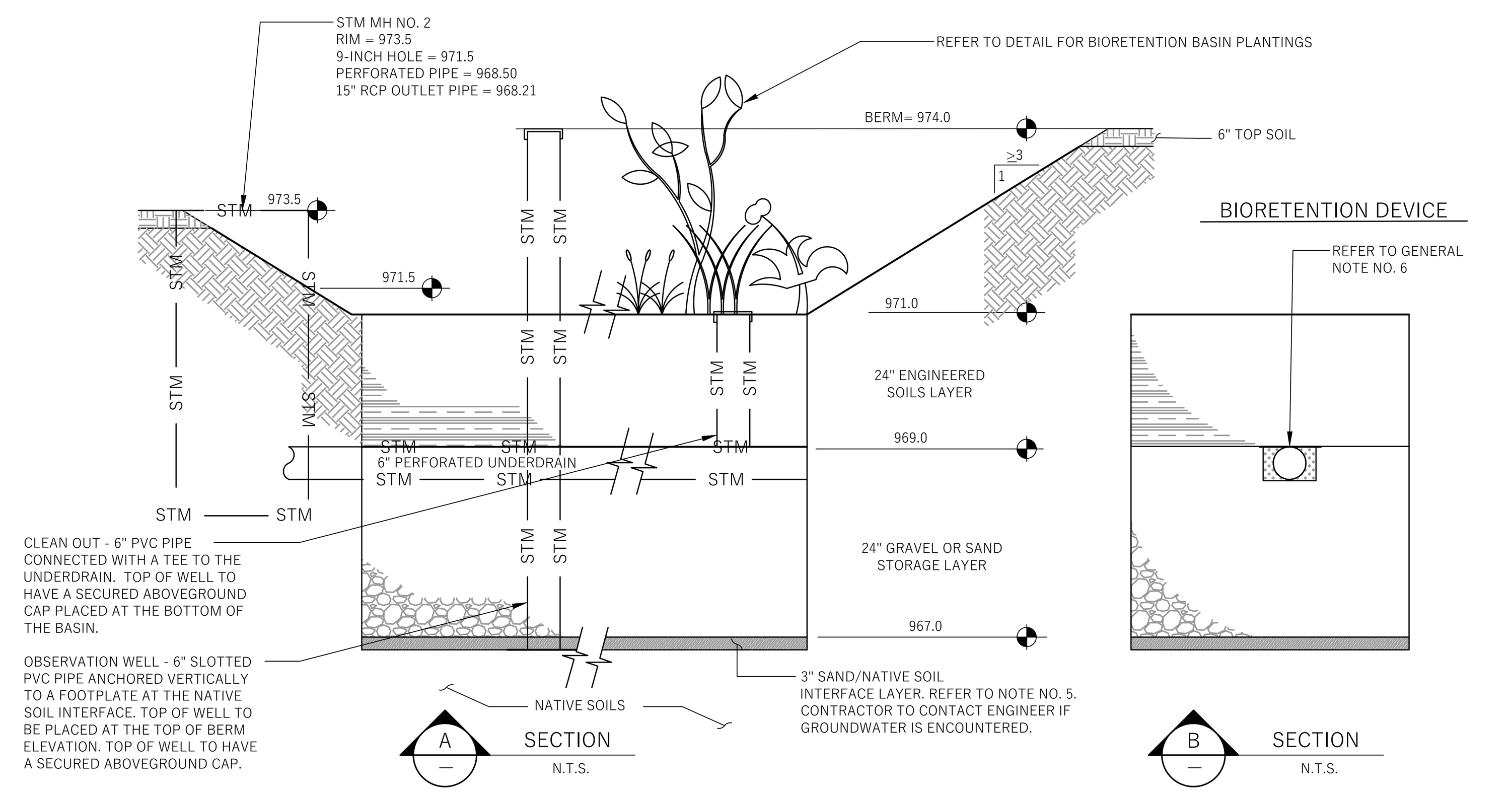
CONSTRUCTION ENTRANCE (STONE TRACKING PAD)

PLANTS; EQUAL MIX 2 1/2" PLUGS. RANDOM PLANT.
Butterfly Weed, Blue False Indigo, White False Indigo
Purple Coneflower, Blue Flag Iris, Cardinal Flower
Marsh Blazingstar, Brown Eyed Susan, Stiff Goldenrod
Bottlebrush Sedge, Fox Sedge, Torrey's Rush



*WATERING REQUIREMENTS: WATER PLANTINGS REGULARLY DURING THE FIRST SIX TO EIGHT WEEKS AFTER PLANTING FOR HIGHER GERMINATION AND SEEDLING SURVIVAL. WATER ENOUGH TO KEEP THE SOIL MOIST, EVERY OTHER DAY FOR 15 TO 30 MINUTES. WATER IN THE EARLY MORNING, AS WATERING DURING THE DAY CAN BE INEFFECTIVE AND WASTEFUL. AFTER EIGHT WEEKS, WATER ONLY IF IT DOES NOT RAIN FOR ONE WEEK.

BIORETENTION BASIN PLANTING DETAIL

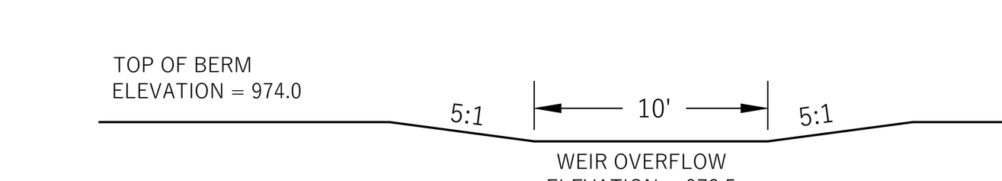

STM MH NO. 2
RIM = 973.5
9-INCH HOLE = 971.5
PERFORATED PIPE = 968.50
15" RCP OUTLET PIPE = 968.21
REFER TO DETAIL FOR BIORETENTION BASIN PLANTINGS
BERM = 974.0
6" TOP SOIL
973.5
971.5
971.0
24" ENGINEERED SOILS LAYER
969.0
6" PERFORATED UNDERDRAIN
24" GRAVEL OR SAND STORAGE LAYER
967.0
BIORETENTION DEVICE
REFER TO GENERAL NOTE NO. 6
CLEAN OUT - 6" PVC PIPE CONNECTED WITH A TEE TO THE UNDERDRAIN. TOP OF WELL TO HAVE A SECURED ABOVEGROUND CAP PLACED AT THE BOTTOM OF THE BASIN.
OBSERVATION WELL - 6" SLOTTED PVC PIPE ANCHORED VERTICALLY TO A FOOTPLATE AT THE NATIVE SOIL INTERFACE. TOP OF WELL TO BE PLACED AT THE TOP OF BERM ELEVATION. TOP OF WELL TO HAVE A SECURED ABOVEGROUND CAP.
NATIVE SOILS
3" SAND/NATIVE SOIL INTERFACE LAYER. REFER TO NOTE NO. 5. CONTRACTOR TO CONTACT ENGINEER IF GROUNDWATER IS ENCOUNTERED.
A SECTION N.T.S.
B SECTION N.T.S.

GENERAL NOTES:

1. ALL CONSTRUCTION PRACTICES SHALL MEET THE SPECIFICATIONS OF THE WDNR TECHNICAL STANDARD 1004 - BIORETENTION FOR INFILTRATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THIS STANDARD AND CONSTRUCT THE BIORETENTION DEVICE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED THEREIN.
2. CONTRACTOR SHALL SEED THE BASIN WITH NATIVE SEEDS AND INSTALL A CLASS II EROSION CONTROL MAT (OVERLAPPED AND ANCHORED WITH MIN. 6" LONG HARDWOOD STAKES). CUT AN "X" IN THE MATTING AND AUGER DOWN TO PLACE APPROPRIATE PLANTING PLUGS EVERY 12 INCHES ON CENTER.
3. CONTRACTOR SHALL INSTALL 24" OF ENGINEERED SOIL CONSISTING OF: 70% ASTM C33 SAND AND 30% CERTIFIED COMPOST (SEE GENERAL NOTE 4).
4. CERTIFIED COMPOST SHALL CONSIST OF: >40% ORGANIC MATTER, <60% ASH CONTENT, PH OF 6-8, AND MOISTURE CONTENT OF 35-50% BY WEIGHT.
5. SAND/NATIVE SOIL INTERFACE LAYER SHALL BE FORMED BY A LAYER OF SAND 3 INCHES DEEP, WHICH IS VERTICALLY MIXED WITH THE NATIVE SOIL TO A DEPTH OF 2-4 INCHES. A CONSTRUCTION REPRESENTATIVE MUST BE ON SITE DURING OVER EXCAVATION TO APPROVE OF THE DEPTH AND SOIL TYPES.
6. FILTER FABRIC SHALL BE PLACED ABOVE THE PERFORATED PIPE, BETWEEN THE PEA GRAVEL AND THE ENGINEERED SOIL, A WIDTH OF 4 FEET CENTERED OVER THE FLOW LINE OF THE PIPE.
7. ANNUAL RYE GRASS SHALL BE SEEDED AT 40 LB/ACRE WITH THE SEED MIX IN THE AREAS SURROUNDING THE BASIN, ON SIDE SLOPES, AND OVER ANY LAND THAT DISCHARGES INTO THE BASIN FOR EROSION CONTROL WHEN BASIN IS BROUGHT ON-LINE. ROOTSTOP AND PLUGS ARE REQUIRED TO ESTABLISH VEGETATION AT THE INVERT OF THE BASIN.
8. RUNOFF MUST INFILTRATE WITHIN 24-HOURS. BASINS UNABLE TO MAINTAIN THESE RATES MUST BE DEEP TILLED, REGRADED, AND IF NECESSARY REPLANTED TO RESTORE ORIGINAL INFILTRATION RATES.
9. ALL WORK TO BE CONDUCTED IN CONFORMANCE WITH APPLICABLE LOCAL, REGIONAL, AND STATE STORMWATER STANDARDS FOR THE PROJECT SITE AS APPROVED BY THE REGULATORY ENGINEER.
10. REFER TO DETAIL FOR PLANTING REQUIREMENTS.

INFILTRATION DEVICES ARE DESIGNED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR), COUNTY, MUNICIPALITY, AND ENGINEERING STANDARD OF CARE. ALL DESIGNATED INFILTRATION AREAS (e.g. RAIN GARDENS, INFILTRATION BASINS, BIORETENTION DEVICES) SHALL BE FENCED PRIOR TO CONSTRUCTION AND REMAIN UNDISTURBED AND PROTECTED DURING THE CONSTRUCTION OF PROPOSED SITE IMPROVEMENTS. PROPOSED BIORETENTION DEVICES SHALL NOT BE CONSTRUCTED UNTIL THE DEVICE'S CONTRIBUTING WATERSHED AREA MEETS ESTABLISHED VEGETATION REQUIREMENTS SET FORTH WITHIN THE RESPECTIVE WDNR TECHNICAL STANDARDS. IF THE LOCATION OF THE INFILTRATION AREA CONFLICTS WITH CONSTRUCTION STAGING AND/OR CONSTRUCTION TRAFFIC AND IS DISTURBED, COMPACTION MITIGATION WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE.

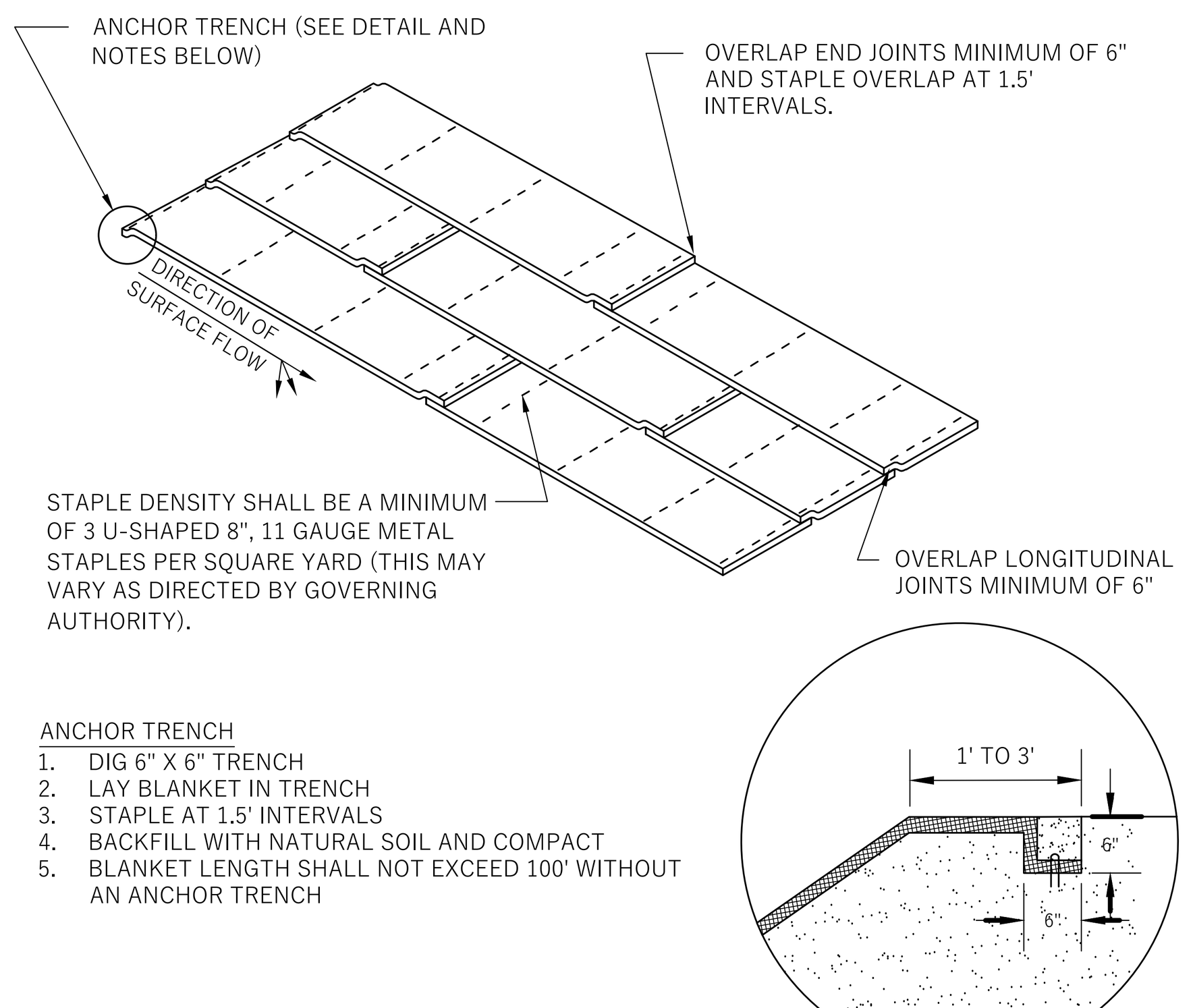
THE CONTRACTOR IS REQUIRED TO PROVIDE QUALIFIED STAFF FOR INSPECTION AND OBSERVATION OF THE CONSTRUCTION ACTIVITIES RELATING TO ALL JOB SITE REGULATORY COMPLIANCE INCLUDING THE PROTECTION AND CONSTRUCTION OF ALL STORMWATER MANAGEMENT FEATURES. ANY OBSERVATION OF PLAN OR SITE DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.



NOTE: OVERFLOW SHALL BE REINFORCED WITH TURF REINFORCED MAT (TRM) - CLASS III, TYPE C BY PYRAMAT OR APPROVED EQUAL. TRM SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

BIORETENTION BASIN
OVERFLOW WEIR
NTS

EROSION CONTROL BLANKET(SEEDED AREAS) ON SIDE SLOPES OF 3:1 OR GREATER.
BIO-DEGRADABLE, DOUBLE NETTED, LIGHT DUTY (WisDOT CLASS 1 TYPE B)

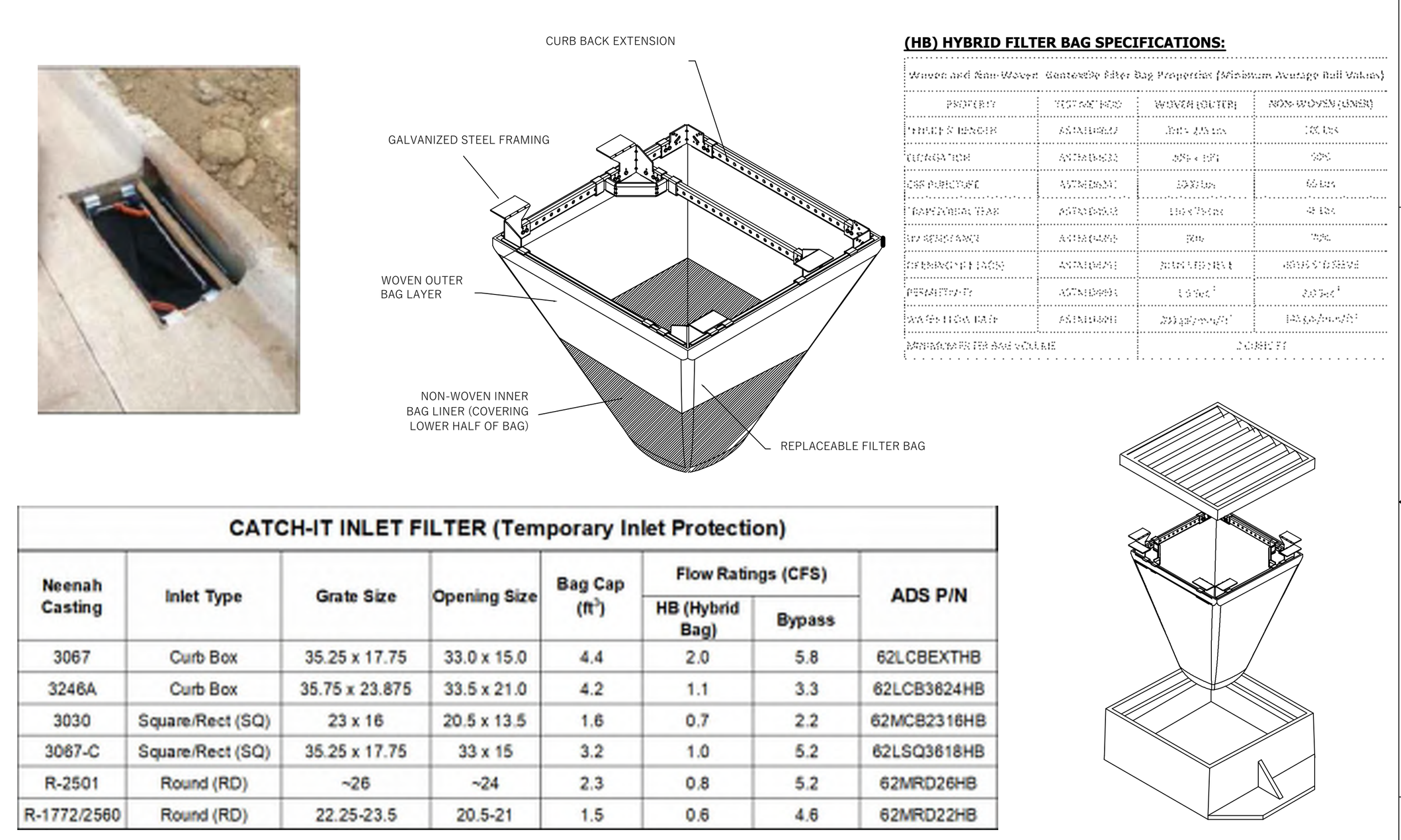

ANCHOR TRENCH (SEE DETAIL AND NOTES BELOW)
OVERLAP END JOINTS MINIMUM OF 6" AND STAPLE OVERLAP AT 1.5' INTERVALS.
DIRECTION OF SURFACE FLOW
STAPLE DENSITY SHALL BE A MINIMUM OF 3 U-SHAPED 8", 11 GAUGE METAL STAPLES PER SQUARE YARD (THIS MAY VARY AS DIRECTED BY GOVERNING AUTHORITY).
OVERLAP LONGITUDINAL JOINTS MINIMUM OF 6"
1' TO 3'
6"
6"

ANCHOR TRENCH

1. DIG 6" X 6" TRENCH
2. LAY BLANKET IN TRENCH
3. STAPLE AT 1.5' INTERVALS
4. BACKFILL WITH NATURAL SOIL AND COMPACT
5. BLANKET LENGTH SHALL NOT EXCEED 100' WITHOUT AN ANCHOR TRENCH

EROSION CONTROL BLANKET INSTALLATION

FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS



CATCH-IT INLET FILTER (Temporary Inlet Protection)							
Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft^3)	Flow Ratings (CFS)		ADS P/N
					HB (Hybrid Bag)	Bypass	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	62LCBEXTHB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624HB
3030	Square/Rect (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MCB2316HB
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQ3618HB
R-2501	Round (RD)	~26	~24	2.3	0.8	5.2	62MRD26HB
R-1772/2560	Round (RD)	22.25-23.5	20.5-21	1.5	0.6	4.6	62MRD22HB

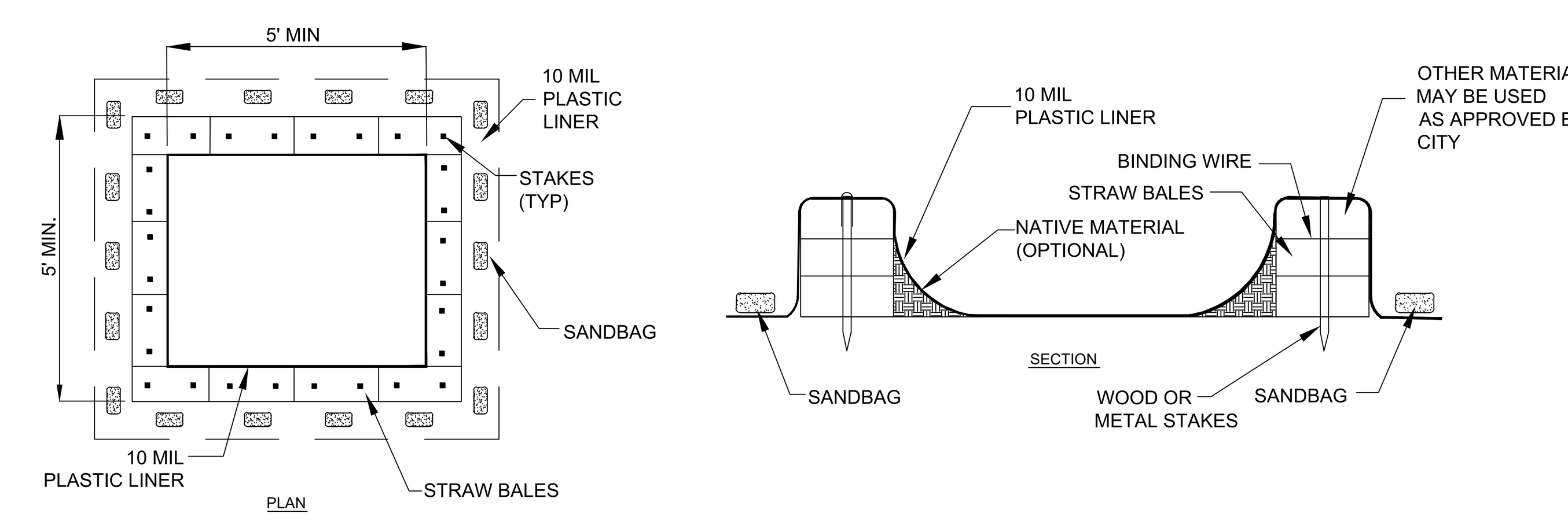
Installation Instructions:

1. Remove grate from the drainage structure
2. Clean stone and dirt from ledge (lip) of drainage structure
3. Drop the inlet filter through the clear opening such that the hangers rest firmly on the lip of the structure
4. Replace the grate and confirm it is not elevated more than 1/8"

Maintenance Guidelines:

1. Empty the sediment bag if more than half filled with sediment and debris
2. Remove the grate, engage the lifting points, and lift filter from the drainage structure
3. Dispose of sediment and debris as directed by the Engineer or Maintenance Contract
4. Alternatively, an industrial vacuum can be used to collect sediment from filter bag

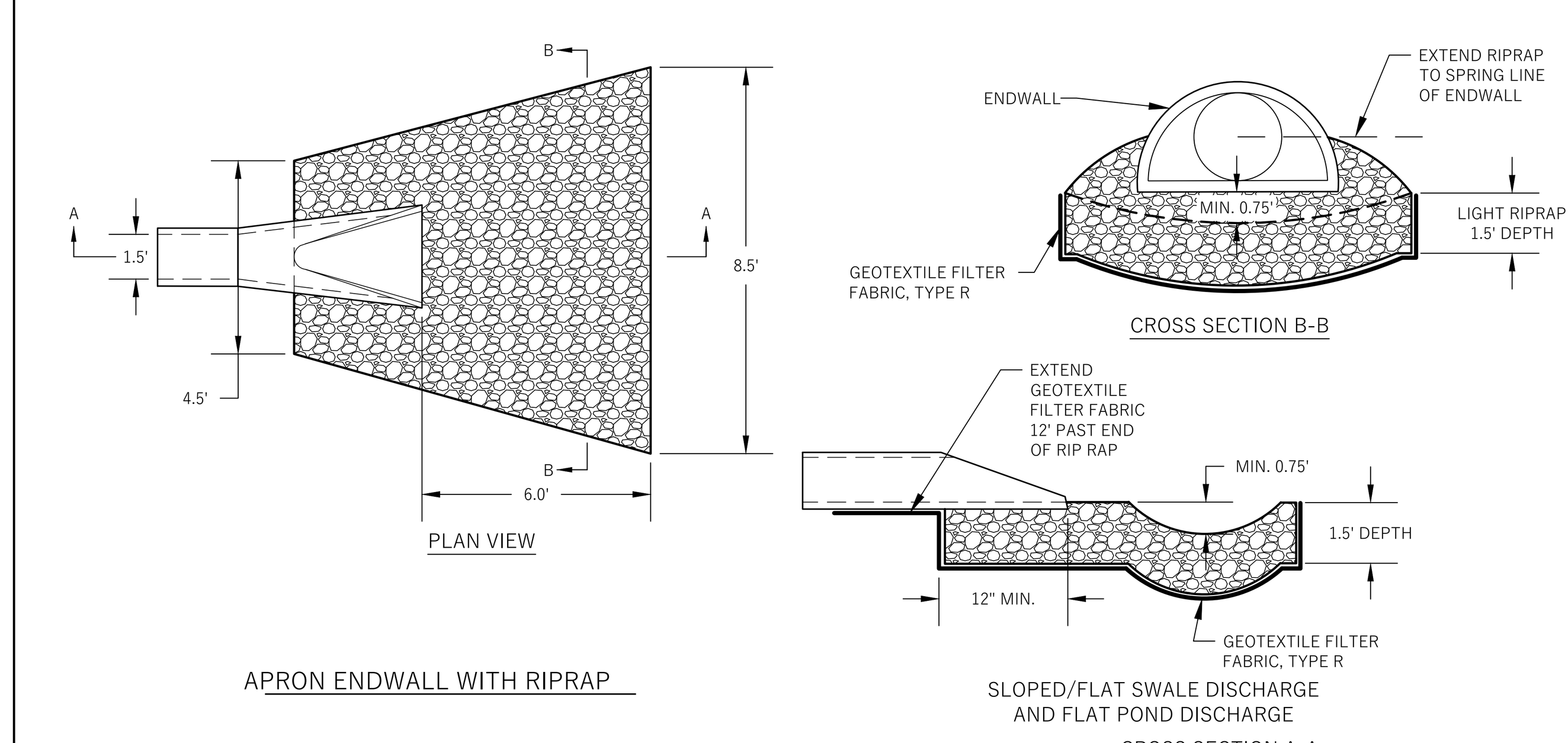
FLEXSTORM INLET FILTERS
CATCH IT


5' MIN
5' MIN.
10 MIL PLASTIC LINER
STAKES (TYP)
SANDBAG
10 MIL PLASTIC LINER
STRAW BALES
PLAN
10 MIL PLASTIC LINER
BINDING WIRE
STRAW BALES
NATIVE MATERIAL (OPTIONAL)
OTHER MATERIAL MAY BE USED AS APPROVED BY CITY
SECTION
SANDBAG
WOOD OR METAL STAKES
SANDBAG

WASHOUT NOTES

1. ALTERNATIVE CONCRETE WASHOUTS ALLOWABLE AS APPROVED BY ENGINEER, INCLUDING DISPOSABLE WASHOUTS, ETC.
2. NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS IS ALLOWED.
3. EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
4. ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
5. TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
6. WASHOUT FACILITIES WILL BE CLEANED OUT OR REPLACED ONCE THE WASHOUT IS 75% FULL.
7. PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS.
8. WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF OFFSITE. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.

CONCRETE WASHOUT


1.5'
4.5'
8.5'
6.0'
PLAN VIEW
ENDWALL
EXTEND RIPRAP TO SPRING LINE OF ENDWALL
MIN. 0.75'
LIGHT RIPRAP 1.5' DEPTH
GEOTEXTILE FILTER FABRIC, TYPE R
CROSS SECTION B-B
EXTEND GEOTEXTILE FILTER FABRIC 12" PAST END OF RIP RAP
MIN. 0.75'
1.5' DEPTH
12" MIN.
GEOTEXTILE FILTER FABRIC, TYPE R
SLOPED/FLAT SWALE DISCHARGE AND FLAT POND DISCHARGE
CROSS SECTION A-A

APRON ENDWALL WITH RIPRAP

WYSER
ENGINEERING

8150 EXCELSIOR DRIVE
MADISON, WI 53717

OLD SAUK TRAILS BUILDING
CITY OF MADISON, DANE COUNTY, WI

Sheet Title: DETAILS

Revisions:		
No.	Date:	Description:

Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	19-0672
Set Type	REVIEW
Date Issued	05/15/2020
Sheet Number	C400

NOT FOR CONSTRUCTION

DRAWN BY: AJW 12/4/2019 8:06:44 AM

LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- EASEMENT
- BUILDING SETBACK LINE
- BUILDING LINE
- BUILDING OVERHANG
- DISTURBANCE LIMITS
- 18" STANDARD CURB AND GUTTER
- 18" REJECT CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER TREATMENT FACILITY

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF JANUARY 6, 2020. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506
Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 8150 EXCELSIOR DRIVE

Contact Name & Phone #: WADE WYSE - 608-437-1980

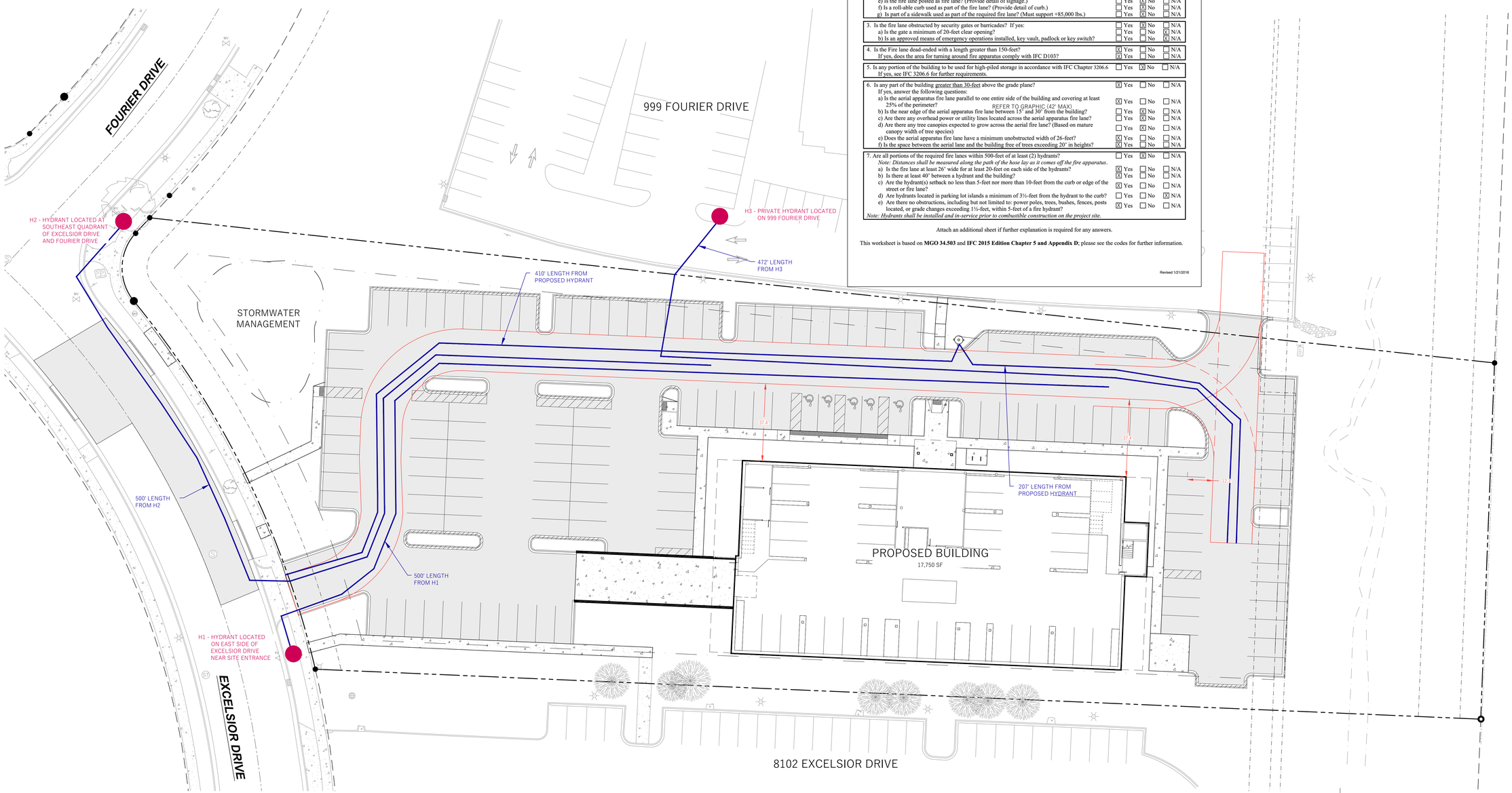
FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

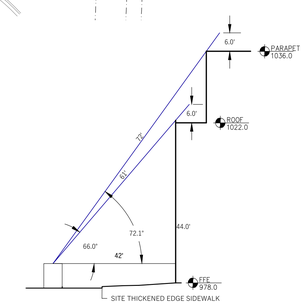
1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?	[X] Yes	[ ] No	[ ] N/A
If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall?	[ ] Yes	[ ] No	[X] N/A
If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	[X] Yes	[ ] No	[ ] N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs?	[X] Yes	[ ] No	[ ] N/A
a) Is the fire lane a minimum unobstructed width of at least 20-feet?	[X] Yes	[ ] No	[ ] N/A
b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?	[X] Yes	[ ] No	[ ] N/A
c) Is the minimum inside turning radius of the fire lane at least 28-feet?	[X] Yes	[ ] No	[ ] N/A
d) Is the grade of the fire lane not more than a slope of 8%?	[X] Yes	[ ] No	[ ] N/A
e) Is the fire lane posted as fire lane? (Provide detail of signage.)	[ ] Yes	[X] No	[ ] N/A
f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)	[ ] Yes	[X] No	[ ] N/A
g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	[ ] Yes	[X] No	[ ] N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:	[ ] Yes	[X] No	[ ] N/A
a) Is the gate a minimum of 20-feet clear opening?	[ ] Yes	[ ] No	[X] N/A
b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	[ ] Yes	[ ] No	[X] N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet?	[X] Yes	[ ] No	[ ] N/A
If yes, does the area for turning around fire apparatus comply with IFC D103?	[X] 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	[X] No	[ ] N/A
6. Is any part of the building greater than 30-feet above the grade plane?	[X] 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? REFER TO GRAPHIC (42' MAX)	[X] Yes	[ ] No	[ ] N/A
b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?	[ ] Yes	[X] No	[ ] N/A
c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	[ ] Yes	[X] 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	[X] No	[ ] N/A
e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	[X] Yes	[ ] No	[ ] N/A
f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	[X] Yes	[ ] No	[ ] N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	[ ] Yes	[X] 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?	[X] Yes	[ ] No	[ ] N/A
b) Is there at least 40' between a hydrant and the building?	[X] 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?	[X] 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	[X] 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?	[X] 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 2015 Edition Chapter 5 and Appendix D**; please see the codes for further information.

Revised 1/21/2016





FIRE APPARATUS DIAGRAM

NORTH
1"=20' on 30"x42"
NTS on 11"x17"

WYSER ENGINEERING

8150 EXCELSIOR DRIVE
MADISON, WI 53717

OLD SAUK TRAILS BUILDING

CITY OF MADISON, DANE COUNTY, WI

Sheet Title: FIRE APPARATUS ACCESS PLAN

Revisions:		
No.	Date:	Description:

Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	19-0672
Set Type	REVIEW
Date Issued	05/15/2020
Sheet Number	F100

NOT FOR CONSTRUCTION

DRAWN BY: AJW 12/19/2018 7:46:46 AM

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.Diggers-Hotline.com

CSM NO. 9726

CI 1 — Detention Basin Plug Mix — Detention Basin Seed Mix

Lawn

Existing Tree

Existing Trees

Lawn

GT 1

GD 1

GD 1

Lawn

QR 1

UP 1

GT 1

MR 1

Lawn

GT 1

GT 1

QM 1

GT 1

OV 2

PA 1

AC 2

Lawn

CE 1

QM 1

Existing Trees

Existing Trees

CC 2

Lawn

Existing Trees

Lawn

Existing Trees

NORTH

0' 8' 16' 24' 32'

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

OVERALL SITE LANDSCAPE PLAN

3 mp

1 Vj

6 Pa

16 rf

6 Sb

Lawn

Lawn

Lawn

3 Jr

10 Sn

4 mp

2 Jr

6 ep

12 Rc

1 Vj

3 Tm

5 Ca

3 Tm

1 Sm

8 Kj

11 cv

5 Kj

6 cv

1 Sm

4 Tm

10 cv

5 Ca

4 Hm

2 Tm

2 Aa

3 Iv

8 Hm

10 Rc

9 aa

NORTH

0' 4' 8' 12' 16'

SCALE: 1/8" = 1'-0"

ENLARGEMENT LANDSCAPE PLAN

FOR REFERENCE ONLY

design studio etc.
Landscape Architect
330 West Lakeside Street
Madison, WI 53715
gperry@designstudioetc.com
P 608 . 358 . 6344

Excelsior Building
8150 Excelsior Drive, Madison, Wisconsin 53562

REVISIONS:

LANDSCAPE PLAN

DESIGN DEVELOPMENT

BID PACKAGE:

DATE: 19 MAY 20

JOB NO: 20_GOR_01

SHEET NO: L-100

LANDSCAPE PLANT LEGEND

Symbol	Botanical name	Common Name	Size	Root	Quanity	Remarks
	SHADE TREES					
CE	Celtis occidentalis	Common Hackberry	3" Cal.	B&B		
GT	Gleditsia tricanthos 'Skyline'	Skyline Honeylocust	3" Cal.	B&B		
GD	Gymnocladus dioicus	Kentucky Coffeetree	3" Cal.	B&B		
PA	Platanus x acerfolia	American Sycamore	3" Cal.	B&B		
QM	Quercus macrocarpa	Bur Oak	3" Cal.	B&B		
QR	Quercus rubra	Red Oak	3" Cal.	B&B		
UP	Ulmus x 'Pioneer'	Pioneer Elm	3" Cal.	B&B		
	ORNAMENTAL TREES					
AC	Amelanchier x grandiflora 'Autmn Brilliance'	Autumn Brilliance Serviceberry	5-6' HT.	B&B		
CC	Carpinus caroliniana	American Hornbeam (Musclewood)	2"-3"Cal.	B&B		
CI	Crataegus crus-galli var inermis	Thornless Cockspur Hawthorn	2"-3"Cal.	B&B		
MR	Malus 'Red Jewel'	Red Jewel Crabapple	2"-3"Cal.	B&B		
PS	Prunus sargentii	Sargent Cherry	2"-3"Cal.	B&B		
OV	Ostrya virginiana	American Hophornbean	2"-3"Cal.	B&B		
	SHRUBS					
Aa	Aronia arbutifolia 'Brilliantissima'	Brilliant Red Chokeberry	3 gal	B&B		
Hm	Hydrangea macropylla 'Bailmer'	Endless Summer Hydrangea	3 gal	Pot		
Kj	Kerria Japonica	Japenese Kerria	2 gal.	Pot		
Rc	Rosa 'Chuckles'	Chuckles Rose	2 gal	Pot		
Sb	Spirea bumalda 'Anthony Waterer'	Anthony Waterer spirea	2 gal	Pot		
Sn	Spirea nipponica 'Snowmound'	Snowmound spirea	2 gal	Pot		
Sm	Syringa patula 'Miss Kim'	Miss Kim Lilac	3 gal	Pot		
Vj	Viburnum x juddi	Judd Viburnum	5 gal	B&B		
	GRASSES					
Ca	Calamagrostis x acutifolia 'Karl Foerster'	Karl Foerster's Feather Reed Grass	1 Gal.	CG		
Pa	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass	2 Gal.	CG		
	EVERGREEN SHRUBS					
Iv	Illex veticillata	Winterberry	5 Gal.	CG		
Jr	Juniperus ramlosa	Ramlosa juniper	5 Gal.	CG		
Tm	Taxus tauntonii	Taunton yew	5 Gal.	CG		
	PERENNIALS					
aa	Astilbe x arendsii 'Fanal'	Fanal Astilbe	1 Gal.	Container		15"0.C.
cv	Coreopsis verticillata 'Zagreb'	Zagreb Coreopsis	1 Gal.	Container		18"0.C.
ep	Echinacea purpurea 'Magnus'	Magnus Purple Coneflower	1 Gal.	Container		36"0.C.
mp	Monarda 'Petite Delight'	Petite Delight Beebalm	1 Gal.	Container		24"0.C
rf	Rudbeckia fulgida 'Goldstrum'	Goldstrum Black-eyed Susan	1 Gal.	Container		18"0.C.

Detention Basin Seed Mix

The species in this mix designsed by Agrecol ofEvensville,Wisconsin (or approved equal) grow naturally in medium-moist prairies, making them the perfect for temporarily flooded areas that also dry out in summer. Designed for planting in basins that are flooded for 24-48 hours, and then drain out. This mix is particularly well adapted to loamy and clay soils. For detention basins in sandy soils, we recommend planting our Tall Prairie for Dry Soils Seed Mix.

WILDFLOWERS: Nodding Pink Onion, Red Milkweed, New England Aster, White False Indigo, Pale Indian Plantain, Wild Senna, Joe Pye Weed, Boneset, Dogtooth Daisy, Ox Eye Sunflower, Wild Iris, Blue Flag Iris, Prairie Blazingstar, Dense Blazingstar, Great Blue Lobelia, Bergamot, Yellow Coneflower, Black Eyed Susan, Sweet Black Eyed Susan, Brown Eyed Susan, Rosinweed, Cupplant, Prairie Dock, Ohio Goldenrod, Stiff Goldenrod, Blue Vervain, Ironweed, Golden Alexanders

GRASSES: Big Bluestem, Bebb's Sedge, Bottlebrush Sedge, Porcupine Sedge, Awl Fruited Sedge, Fox Sedge, Canada Wild Rye, Virginia Wild Rye, Switchgrass, Dark Green Bulrush, Indiangrass, Prairie Cordgrass, Annual Rye Nurse Crop

Contains at least 20 wildflowers and 8 or more grasses, sedges & bulrushes, plus annual rye

Detention Basin Plug Mix

The species in this mix designed by Prairie Nursery of Westfield,Wisconsin (or approved equal) grow naturally in medium-moist prairies, making them the perfect for temporarily flooded areas that also dry out in summer. Designed for planting in basins that are flooded for 24-48 hours, and then drain out. This mix is particularly well adapted to loamy and clay soils. Plug Mix should be 60% grasses and 40% perennials spaced 12" on center. Once plugs installed area to be overseeded with annual rye cover crop, covered with erosion mat and stapled in place.

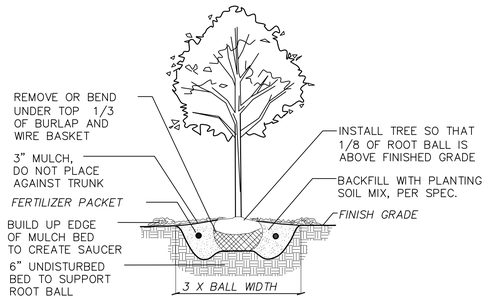
WILDFLOWERS: Nodding Pink Onion, Red Milkweed, New England Aster, White False Indigo, Pale Indian Plantain, Wild Senna, Joe Pye Weed, Boneset, Dogtooth Daisy, Ox Eye Sunflower, Wild Iris, Blue Flag Iris, Prairie Blazingstar, Dense Blazingstar, Great Blue Lobelia, Bergamot, Yellow Coneflower, Black Eyed Susan, Sweet Black Eyed Susan, Brown Eyed Susan, Rosinweed, Cupplant, Prairie Dock, Ohio Goldenrod, Stiff Goldenrod, Blue Vervain, Ironweed, Golden Alexanders

GRASSES: Big Bluestem, Bebb's Sedge, Bottlebrush Sedge, Porcupine Sedge, Awl Fruited Sedge, Fox Sedge, Canada Wild Rye, Virginia Wild Rye, Switchgrass, Dark Green Bulrush, Indiangrass, Prairie Cordgrass, Annual Rye Nurse Crop

NORTH

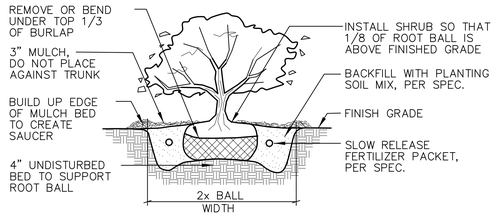
0' 8' 16' 24' 32'

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



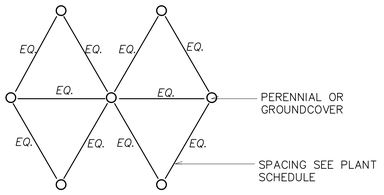
1 B&B TREE PLANTING DETAIL

NTS



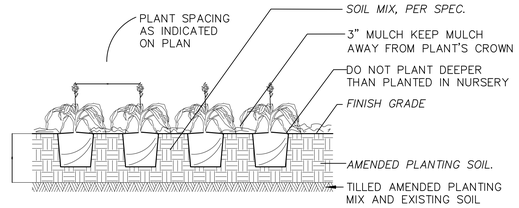
2 SHRUB PLANTING DETAIL

NTS



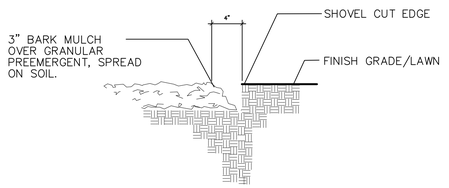
3 PERENNIAL/GROUNDCOVER SPACING DETAIL

NTS



4 GROUNDCOVER / PERENNIAL PLANTING DETAIL

NTS



4 BARK MULCH/SHOVEL CUT EDGE DETAIL

NTS

FOR REFERENCE ONLY

GARRET D. GRAETZ MADISON, WI

design studio etc.
Landscape Architect
330 West Lakeside Street
Madison, WI 53715
gperry@designstudioetc.com
P 608 . 358 . 6344

Excelsior Building
8150 Excelsior Drive, Madison, Wisconsin 53562

REVISIONS:

LANDSCAPE DETAILS

DESIGN DEVELOPMENT
BID PACKAGE:
DATE: 19 MAY 20
JOB NO: 20 GOR 01
SHEET NO: L-101

FLOOR PLAN SYMBOLS LEGEND

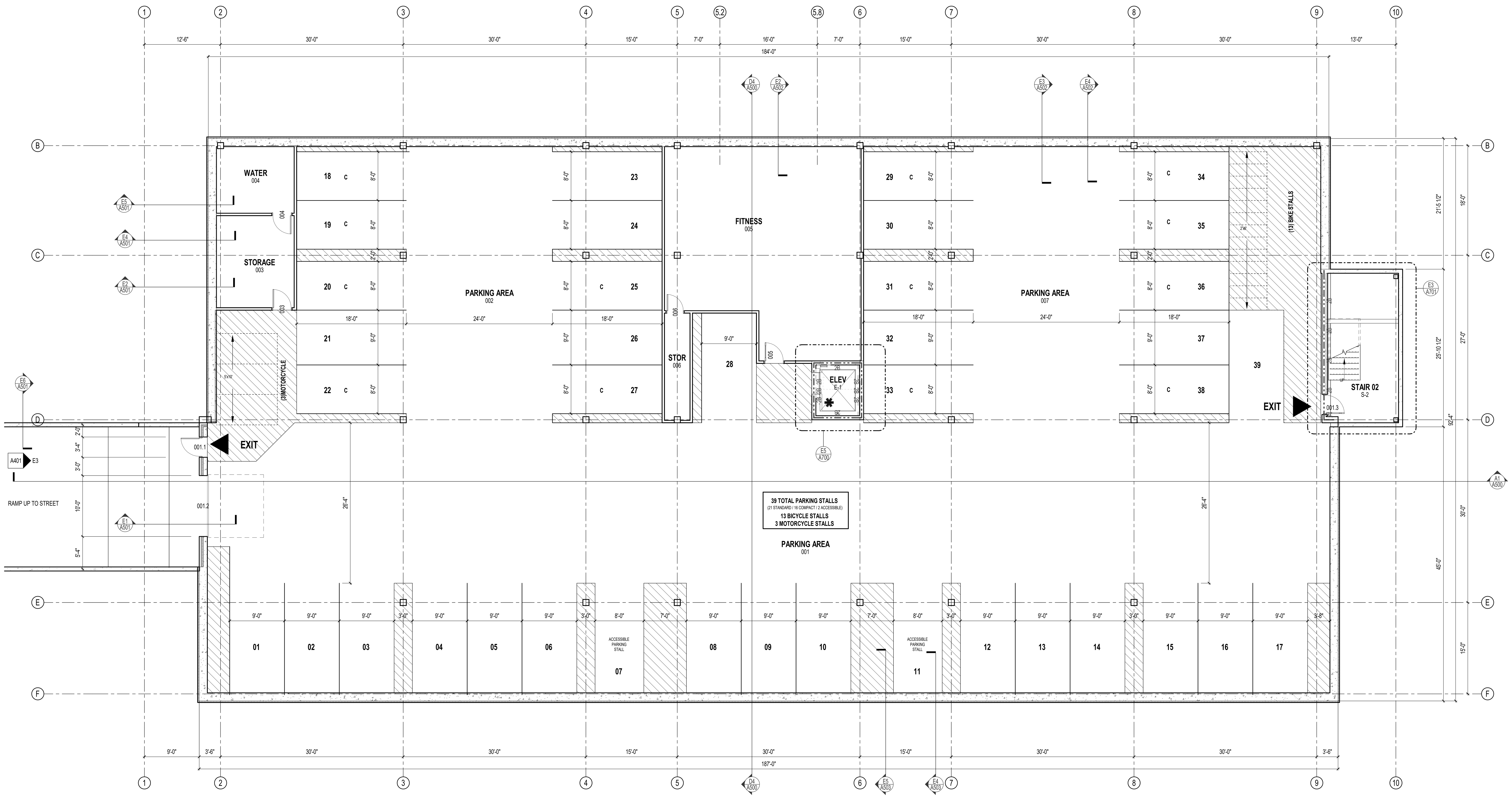
- SECTION REFERENCE
- EXTERIOR ELEVATION
- INTERIOR ELEVATION
- FLOOR PLAN NOTE
- ONE HOUR RATED FIRE PARTITION
- TWO HOUR RATED FIRE BARRIER
- NEW WALL/PARTITION
- NEW DOOR
- DETAIL REFERENCE
- EQUIPMENT
- WINDOW TYPE
- WALL/PARTITION TYPE
- FLOOR DRAIN - PITCH FLOOR TO DRAIN
- SEMI-RECESSED FIRE EXTINGUISHER

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

FLOOR PLAN NOTES	
NOTE #	FLOOR PLAN NOTE



00 - PARKING LEVEL
1/8" = 1'-0"

EXTERIOR WALL TYPE SCHEDULE	
MARK	ASSEMBLY DESCRIPTION
1A.1	MASONRY VENEER STUD WALL CONSISTING OF 4" FACE BRICK (EDIT FOR OTHER MATERIALS), AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" GALVANIZED COLD FORMED STEEL STUDS (REFER TO STRUCTURAL DRAWINGS FOR GAUGE) AND ONE LAYER 5/8" GYPSUM BOARD AT INTERIOR FACE. PROVIDE ADJUSTABLE MASONRY VENEER ANCHORS @ 16" EW. PROVIDE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC. PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, MASONRY EXPANSION AND CONTROL JOINTS. PROVIDE CAVITY WEEPS/VENTS @ 24" OC. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPS/VENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL XX/AXXX.
1J.1	PANEL WALL SYSTEM CONSISTING OF 1-1/2" METAL PANEL, 7/8" HAT CHANNEL, 3" RIGID INSULATION, SPRAY APPLIED AIR/VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" 16 GA (EDIT FOR THICKNESS AND GAUGE) GALVANIZED COLD FORMED STEEL STUDS @ 16" OC AND ONE LAYER 5/8" GYPSUM BOARD @ INTERIOR FACE.
5H.1	EXTERIOR WALL: INSULATED CONCRETE TILT-UP WALL PANEL SYSTEM CONSISTING OF 8" STRUCTURAL PANEL, 3" POLYISO RIGID INSULATION AND 3" PRECAST CONCRETE WITH PATTERNED CONCRETE EXTERIOR FACE. REFER TO STRUCTURAL DRAWINGS.

INTERIOR PARTITION SCHEDULE				
MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG2	3-5/8" STEEL STUDS @ 16" OC 2 LAYERS 5/8" GYPSUM BOARD @ EACH FACE.	2 HR	U419	3" MINERAL WOOL BATT
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	FULL WIDTH SOUND

GYPSUM BOARD PARTITIONS GENERAL NOTES

A. ALL GYPSUM BOARD PARTITIONS SHALL BE BG0 UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

G. EXTEND GYPSUM BOARD PARTITIONS X" ABOVE FINISH CEILING. REFER TO REFLECTED CEILING PLAN FOR PARTITIONS THAT EXTEND TO UNDERSIDE OF DECK ABOVE INDICATED WITH SHADED WALLS. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF WALL AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

MASONRY PARTITIONS GENERAL NOTES

A. MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:

B. ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.

C. PROVIDE UL RATED CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.

D. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.

E. EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.

pra
PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive suite 2000 madison, wisconsin 53718 t 608 240 9900
1900 main street suite 309 sarasota, florida 34236 t 941 444 8845
intelligent designs. inspired results. | www.prarch.com

NEW OFFICE BUILDING
Old Sauk Trails Office Building

8150 Excelsior Drive, Madison, WI 53717

REVISIONS:

PARKING LEVEL FLOOR PLAN

LAND USE SUBMITTAL

BID PACKAGE:

DATE: 05-20-2020

JOB NO: 190247-01

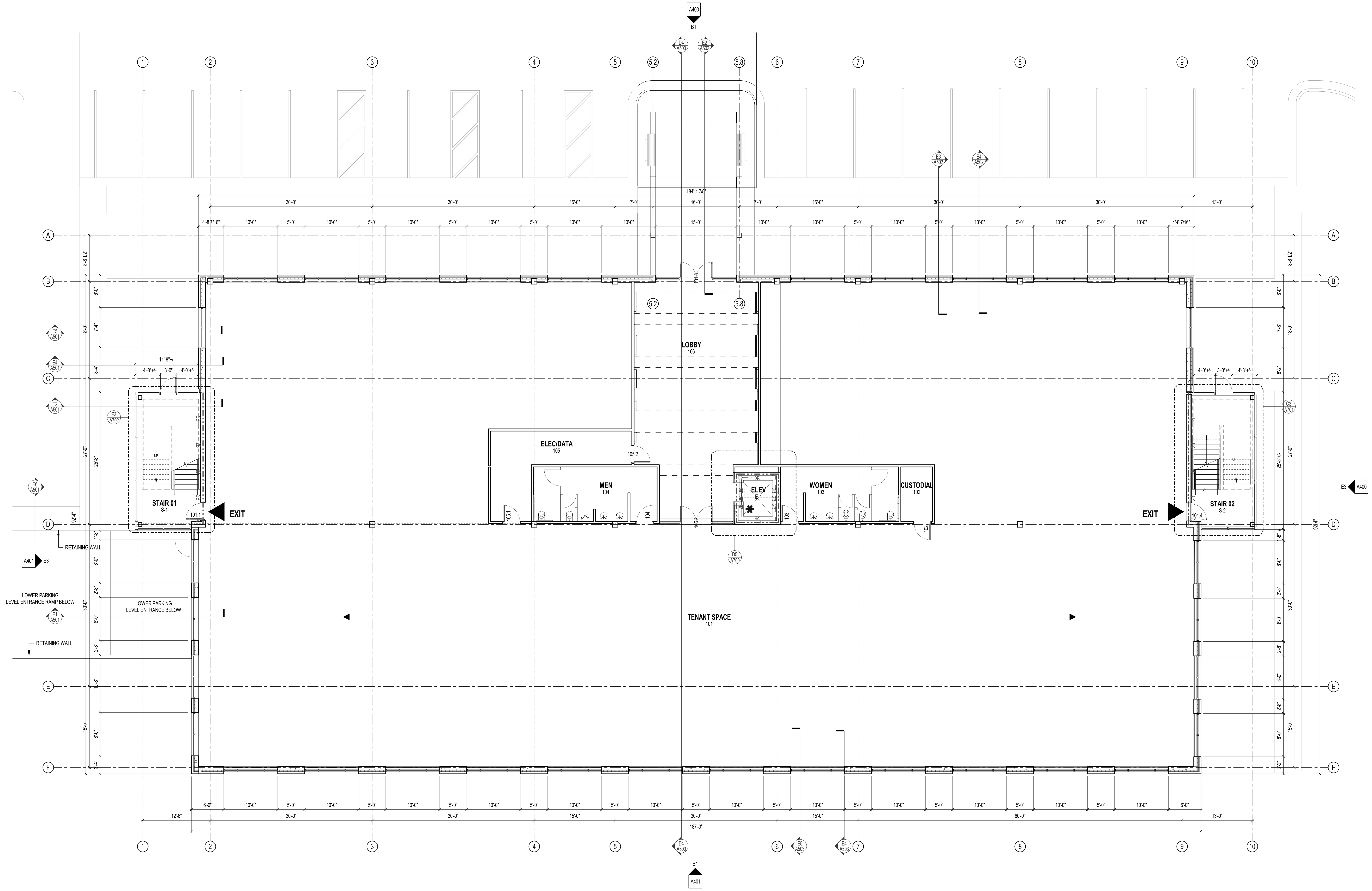
SHEET NO: A200

NOT FOR CONSTRUCTION

© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

DRAWN BY: ENTER INITIALS

5/20/2020 8:58:46 AM



FIRST FLOOR PLAN
1/8" = 1'-0"

FLOOR PLAN SYMBOLS LEGEND

- SECTION REFERENCE
- EXTERIOR ELEVATION
- INTERIOR ELEVATION
- FLOOR PLAN NOTE
- ONE HOUR RATED FIRE PARTITION
- TWO HOUR RATED FIRE BARRIER
- NEW WALL/PARTITION
- NEW DOOR
- DETAIL REFERENCE
- EQUIPMENT
- WINDOW TYPE
- WALL/PARTITION TYPE
- FLOOR DRAIN - PITCH FLOOR TO DRAIN
- SEMI-RECESSED FIRE EXTINGUISHER

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

FLOOR PLAN NOTES

NOTE #	FLOOR PLAN NOTE

EXTERIOR WALL TYPE SCHEDULE

MARK	ASSEMBLY DESCRIPTION
1A.1	MASONRY VENEER STUD WALL CONSISTING OF 4" FACE BRICK (EDIT FOR OTHER MATERIALS), AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" GALVANIZED COLD FORMED STEEL STUDS (REFER TO STRUCTURAL DRAWINGS FOR GAUGE) AND ONE LAYER 5/8" GYPSUM BOARD AT INTERIOR FACE. PROVIDE ADJUSTABLE MASONRY VENEER ANCHORS @ 16" EW. PROVIDE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC. PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, MASONRY EXPANSION AND CONTROL JOINTS. PROVIDE CAVITY WEEPS/VENTS @ 24" OC. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPS/VENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL XX/AXXX.
1J.1	PANEL WALL SYSTEM CONSISTING OF 1-1/2" METAL PANEL, 7/8" HAT CHANNEL, 3" RIGID INSULATION, SPRAY APPLIED AIR/VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" 16 GA (EDIT FOR THICKNESS AND GAUGE) GALVANIZED COLD FORMED STEEL STUDS @ 16" OC AND ONE LAYER 5/8" GYPSUM BOARD @ INTERIOR FACE.
5H.1	EXTERIOR WALL: INSULATED CONCRETE TILT-UP WALL PANEL SYSTEM CONSISTING OF 8" STRUCTURAL PANEL, 3" POLYISO RIGID INSULATION AND 3" PRECAST CONCRETE WITH PATTERNED CONCRETE EXTERIOR FACE. REFER TO STRUCTURAL DRAWINGS.

INTERIOR PARTITION SCHEDULE

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG2	3-5/8" STEEL STUDS @ 16" OC 2 LAYERS 5/8" GYPSUM BOARD @ EACH FACE.	2 HR	U419	3" MINERAL WOOL BATT
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	FULL WIDTH SOUND

GYPSUM BOARD PARTITIONS GENERAL NOTES

A. ALL GYPSUM BOARD PARTITIONS SHALL BE BG0 UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

G. EXTEND GYPSUM BOARD PARTITIONS X" ABOVE FINISH CEILING. REFER TO REFLECTED CEILING PLAN FOR PARTITIONS THAT EXTEND TO UNDERSIDE OF DECK ABOVE INDICATED WITH SHADED WALLS. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF WALL AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

MASONRY PARTITIONS GENERAL NOTES

A. MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:

B. ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.

C. PROVIDE UL RATED CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.

D. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.

E. EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.

pra PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive suite 2000 madison, wisconsin 53718 t 608 240 9900
1900 main street suite 309 sarasota, florida 34236 t 941 444 8845
intelligent designs. inspired results. | www.prarch.com

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

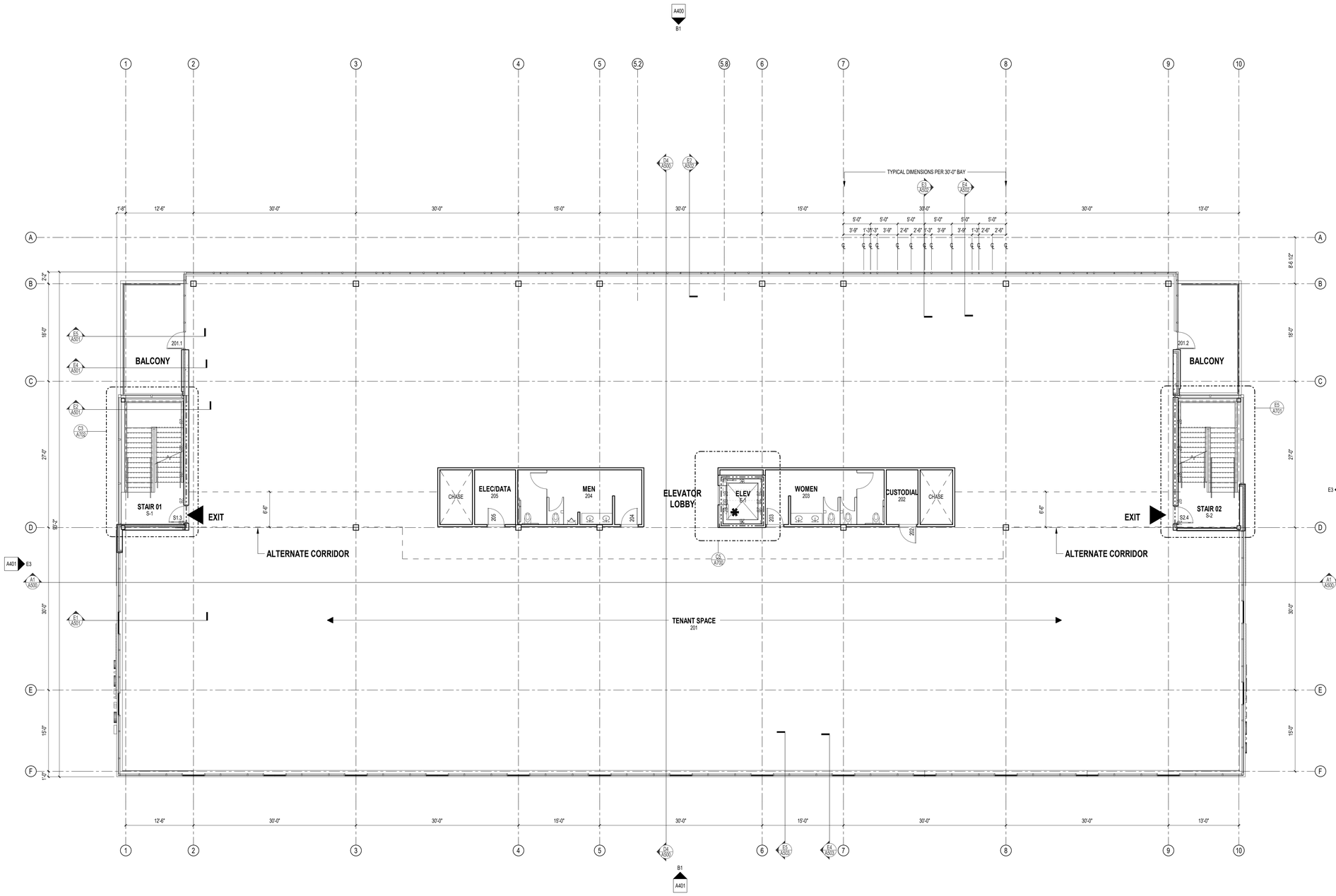
REVISIONS:

FIRST FLOOR PLAN

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A201

NOT FOR CONSTRUCTION
© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

DRAWN BY: ENTER INITIALS
5/20/2020 8:58:46 AM



FLOOR PLAN SYMBOLS LEGEND

- SECTION REFERENCE
- EXTERIOR ELEVATION
- INTERIOR ELEVATION
- FLOOR PLAN NOTE
- ONE HOUR RATED FIRE PARTITION (1P)
- TWO HOUR RATED FIRE BARRIER (2B)
- NEW WALL/PARTITION
- NEW DOOR
- DETAIL REFERENCE
- EQUIPMENT
- WINDOW TYPE
- WALL/PARTITION TYPE
- FLOOR DRAIN - PITCH FLOOR TO DRAIN
- SEMI-RECESSED FIRE EXTINGUISHER

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

FLOOR PLAN NOTES	
NOTE #	FLOOR PLAN NOTE

EXTERIOR WALL TYPE SCHEDULE	
MARK	ASSEMBLY DESCRIPTION
1A.1	MASONRY VENEER STUD WALL CONSISTING OF 4" FACE BRICK (EDIT FOR OTHER MATERIALS), AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" GALVANIZED COLD FORMED STEEL STUDS (REFER TO STRUCTURAL DRAWINGS FOR GAUGE) AND ONE LAYER 5/8" GYPSUM BOARD AT INTERIOR FACE. PROVIDE ADJUSTABLE MASONRY VENEER ANCHORS @ 16" EW. PROVIDE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC. PROVIDE CAVITY DRAINAGE MATERIAL FLASHING, MASONRY EXPANSION AND CONTROL JOINTS. PROVIDE CAVITY WEEPSVENTS @ 24" OC. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPSVENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL XX/AXXX.
1J.1	PANEL WALL SYSTEM CONSISTING OF 1-1/2" METAL PANEL, 7/8" HAT CHANNEL, 3" RIGID INSULATION, SPRAY APPLIED AIR/VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" 16 GA (EDIT FOR THICKNESS AND GAUGE) GALVANIZED COLD FORMED STEEL STUDS @ 16" OC AND ONE LAYER 5/8" GYPSUM BOARD @ INTERIOR FACE.
SH.1	EXTERIOR WALL: INSULATED CONCRETE TILT-UP WALL PANEL SYSTEM CONSISTING OF 8" STRUCTURAL PANEL, 3" POLYISO RIGID INSULATION AND 3" PRECAST CONCRETE WITH PATTERNED CONCRETE EXTERIOR FACE. REFER TO STRUCTURAL DRAWINGS.

INTERIOR PARTITION SCHEDULE				
MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG2	3-5/8" STEEL STUDS @ 16" OC 2 LAYERS 5/8" GYPSUM BOARD @ EACH FACE.	2 HR	U419	3" MINERAL WOOL BATT
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	FULL WIDTH SOUND

GYPSUM BOARD PARTITIONS GENERAL NOTES

A. ALL GYPSUM BOARD PARTITIONS SHALL BE (BG0) UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

G. EXTEND GYPSUM BOARD PARTITIONS X" ABOVE FINISH CEILING. REFER TO REFLECTED CEILING PLAN FOR PARTITIONS THAT EXTEND TO UNDERSIDE OF DECK ABOVE INDICATED WITH SHADED WALLS. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF WALL AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

MASONRY PARTITIONS GENERAL NOTES

A. MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:

B. ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.

C. PROVIDE UL RATED CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.

D. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.

E. EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL _____ PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.

NORTH

SECOND FLOOR PLAN
1/8" = 1'-0"

DRAWN BY: Author 5/20/2020 8:58:47 AM

PLUNKETT RAYSICH ARCHITECTS, LLP
intelligent designs. inspired results. | www.prarch.com
209 south water street, suite 200, milwaukee, wisconsin 53204, t 414 369 3960
210 lincoln blvd, suite 309, middlebury, indiana 46540, t 574 825 9000
1900 main street, suite 309, sarasota, florida 34236, t 941 444 8845

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

REVISIONS:

SECOND FLOOR PLAN

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A202

NOT FOR CONSTRUCTION
© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

FLOOR PLAN SYMBOLS LEGEND

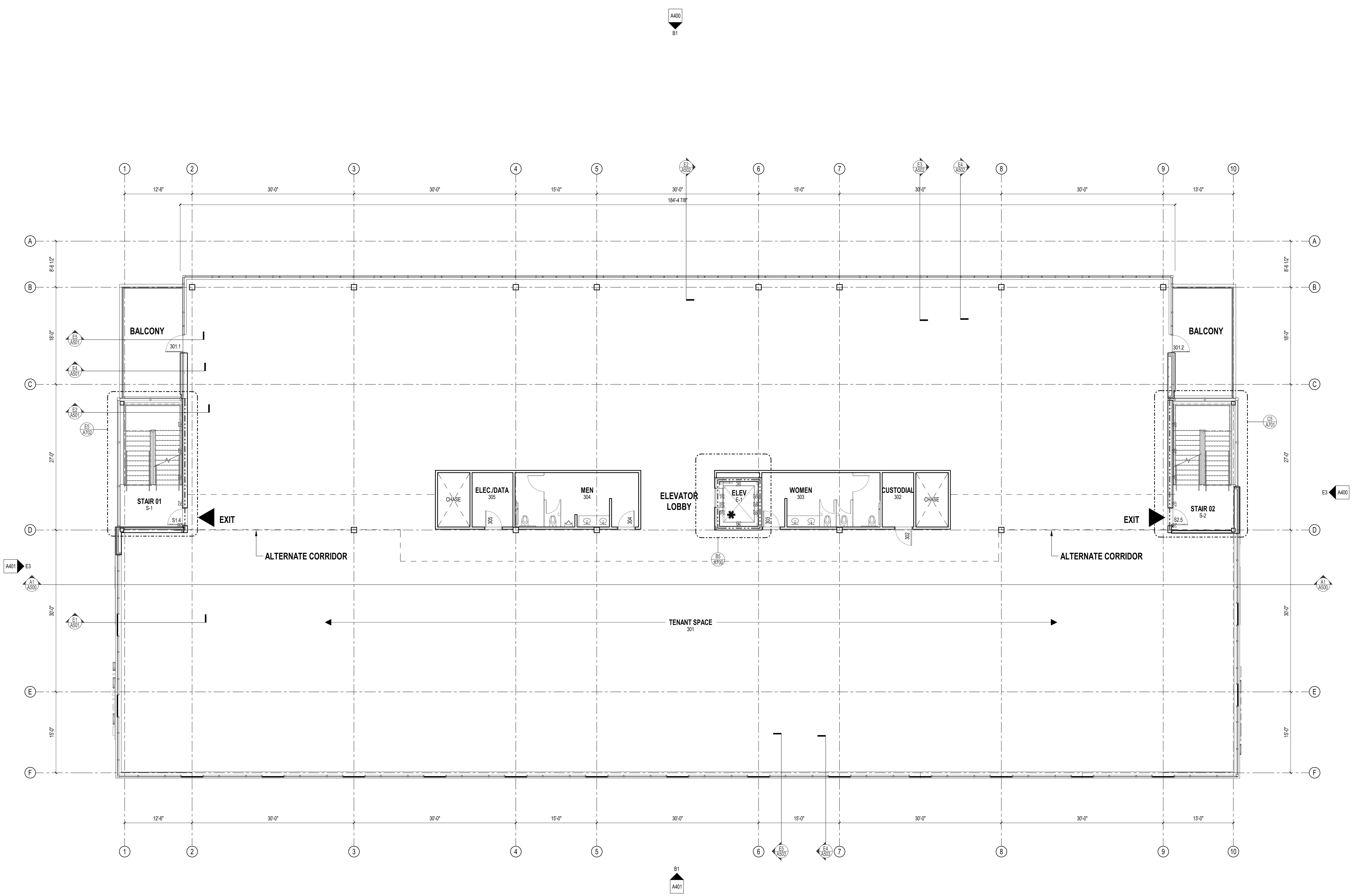
- SECTION REFERENCE
- EXTERIOR ELEVATION
- INTERIOR ELEVATION
- FLOOR PLAN NOTE
- ONE HOUR RATED FIRE PARTITION
- TWO HOUR RATED FIRE BARRIER
- NEW WALL/PARTITION
- NEW DOOR
- DETAIL REFERENCE
- EQUIPMENT
- WINDOW TYPE
- WALL/PARTITION TYPE
- FLOOR DRAIN - PITCH FLOOR TO DRAIN
- SEMI-RECESSED FIRE EXTINGUISHER

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

FLOOR PLAN NOTES	
NOTE #	FLOOR PLAN NOTE



03 - THIRD FLOOR PLAN
1/8" = 1'-0"

EXTERIOR WALL TYPE SCHEDULE	
MARK	ASSEMBLY DESCRIPTION
1A.1	MASONRY VENEER STUD WALL CONSISTING OF 4" FACE BRICK (EDIT FOR OTHER MATERIALS), AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" GALVANIZED COLD FORMED STEEL STUDS (REFER TO STRUCTURAL DRAWINGS FOR GAUGE) AND ONE LAYER 5/8" GYPSUM BOARD AT INTERIOR FACE. PROVIDE ADJUSTABLE MASONRY VENEER ANCHORS @ 16" EW. PROVIDE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC. PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, MASONRY EXPANSION AND CONTROL JOINTS. PROVIDE CAVITY WEEPS/VENTS @ 24" OC. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPS/VENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL XX/AXXX.
1J.1	PANEL WALL SYSTEM CONSISTING OF 1-1/2" METAL PANEL, 7/8" HAT CHANNEL, 3" RIGID INSULATION, SPRAY APPLIED AIR/VAPOR BARRIER SYSTEM ON 5/8" GYPSUM SHEATHING, 6" 16 GA (EDIT FOR THICKNESS AND GAUGE) GALVANIZED COLD FORMED STEEL STUDS @ 16" OC AND ONE LAYER 5/8" GYPSUM BOARD @ INTERIOR FACE.
5H.1	EXTERIOR WALL: INSULATED CONCRETE TILT-UP WALL PANEL SYSTEM CONSISTING OF 8" STRUCTURAL PANEL, 3" POLYISO RIGID INSULATION AND 3" PRECAST CONCRETE WITH PATTERNED CONCRETE EXTERIOR FACE. REFER TO STRUCTURAL DRAWINGS.

INTERIOR PARTITION SCHEDULE				
MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG2	3-5/8" STEEL STUDS @ 16" OC 2 LAYERS 5/8" GYPSUM BOARD @ EACH FACE.	2 HR	U419	3" MINERAL WOOL BATT
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	FULL WIDTH SOUND

GYPSUM BOARD PARTITIONS GENERAL NOTES

A. ALL GYPSUM BOARD PARTITIONS SHALL BE BG0 UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

G. EXTEND GYPSUM BOARD PARTITIONS X" ABOVE FINISH CEILING. REFER TO REFLECTED CEILING PLAN FOR PARTITIONS THAT EXTEND TO UNDERSIDE OF DECK ABOVE INDICATED WITH SHADED WALLS. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF WALL AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL

MASONRY PARTITIONS GENERAL NOTES

A. MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:

B. ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.

C. PROVIDE UL RATED CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.

D. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.

E. EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.

pra PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street milwaukee, wisconsin 53204 t 414 359 3060
2110 crossroads drive suite 2000 madison, wisconsin 53718 t 608 240 9900
1903 main street suite 309 sarasota, florida 34236 t 941 444 8845
intelligent designs. inspired results. | www.prarch.com

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

REVISIONS:

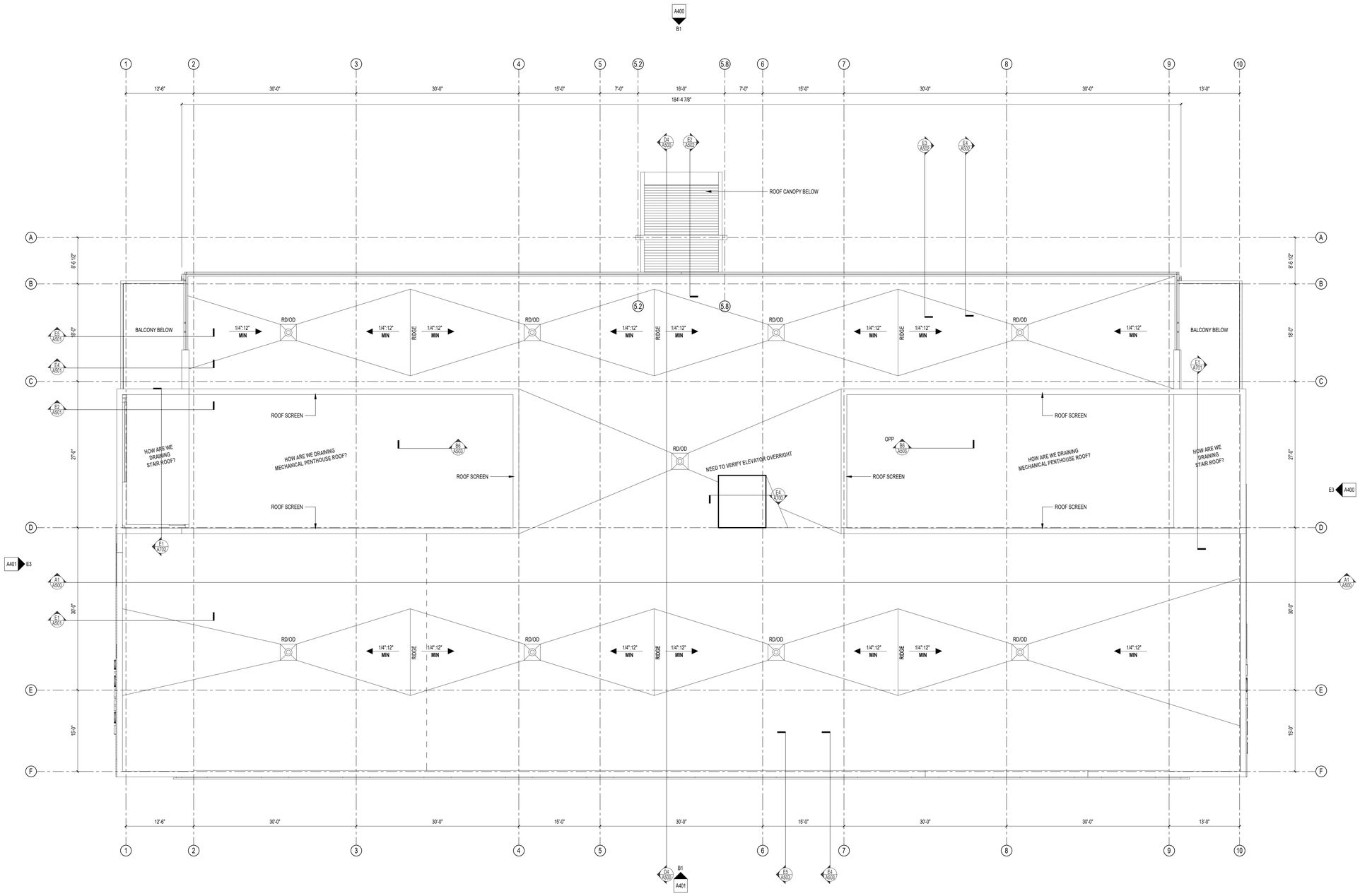
THIRD FLOOR PLAN

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A203

NOT FOR CONSTRUCTION

© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

DRAWN BY: Author 5/20/2020 8:58:47 AM



ROOF PLAN SYMBOLS LEGEND

X" / 12"	DIRECTION OF STRUCTURAL SLOPE TO DRAIN
X" / 12"	DIRECTION OF INSULATION TAPER SLOPE TO DRAIN.
1 / A101	DETAIL REFERENCE
	TAPERED INSULATION VALLEY OR RIDGE
RD/OD	ROOF DRAIN / OVERFLOW DRAIN
+X"	TAPERED INSULATION THICKNESS
	LOCATION OF CONCRETE PAVER WALKWAY
X	ROOF PLAN NOTE
	CONSTRUCTION LIMITS

ROOF PLAN GENERAL NOTES

A. COORDINATE AND VERIFY ALL ROOF OPENINGS AND PENETRATIONS WITH STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL REQUIREMENTS.

B. PROVIDE WATER TIGHT INTEGRITY AT ALL PENETRATIONS AND EQUIPMENT PER ROOFING MANUFACTURERS STANDARD DETAILS AND REQUIREMENTS FOR WARRANTY AND CURRENT NRCA STANDARDS.

C. PROVIDE POSITIVE ROOF DRAINAGE INCLUDING TAPERED INSULATION LAYOUT. PROVIDE SADDLES AND CRICKETS AT ALL ROOF TOP EQUIPMENT AND PENETRATIONS TO ENSURE POSITIVE DRAINAGE.

D. PROVIDE 24" WIDE CONCRETE PAVER / FLEXIBLE WALKWAY FROM ROOF SCUTTLE TO ALL MECHANICAL ROOFTOP UNITS AND ALL ROOF ACCESS LADDERS. PROVIDE PAVERS AROUND PERIMETER OF ROOF SCUTTLE AND HVAC ROOFTOP UNITS. PROVIDE PAVERS AT LANDINGS BELOW ROOF ACCESS LADDERS.

E. MINIMUM ALLOWABLE INSULATION TAPER SLOPE SHALL BE 1/4" PER FOOT UNLESS NOTED OTHERWISE

ROOF PLAN NOTES	
NOTE #	ROOF PLAN NOTE

TRUE NORTH / PLAN NORTH

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

PLUNKETT RAYSICH ARCHITECTS, LLP
intelligent designs. inspired results. | www.prarch.com
milwaukee, wisconsin 53204 | 414 389 3960
minneapolis, minnesota 55118 | 651 209 9000
sarasota, florida 34236 | 941 444 8845
209 south water street suite 300
2100 west oakley ave suite 309
1900 main street suite 309

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

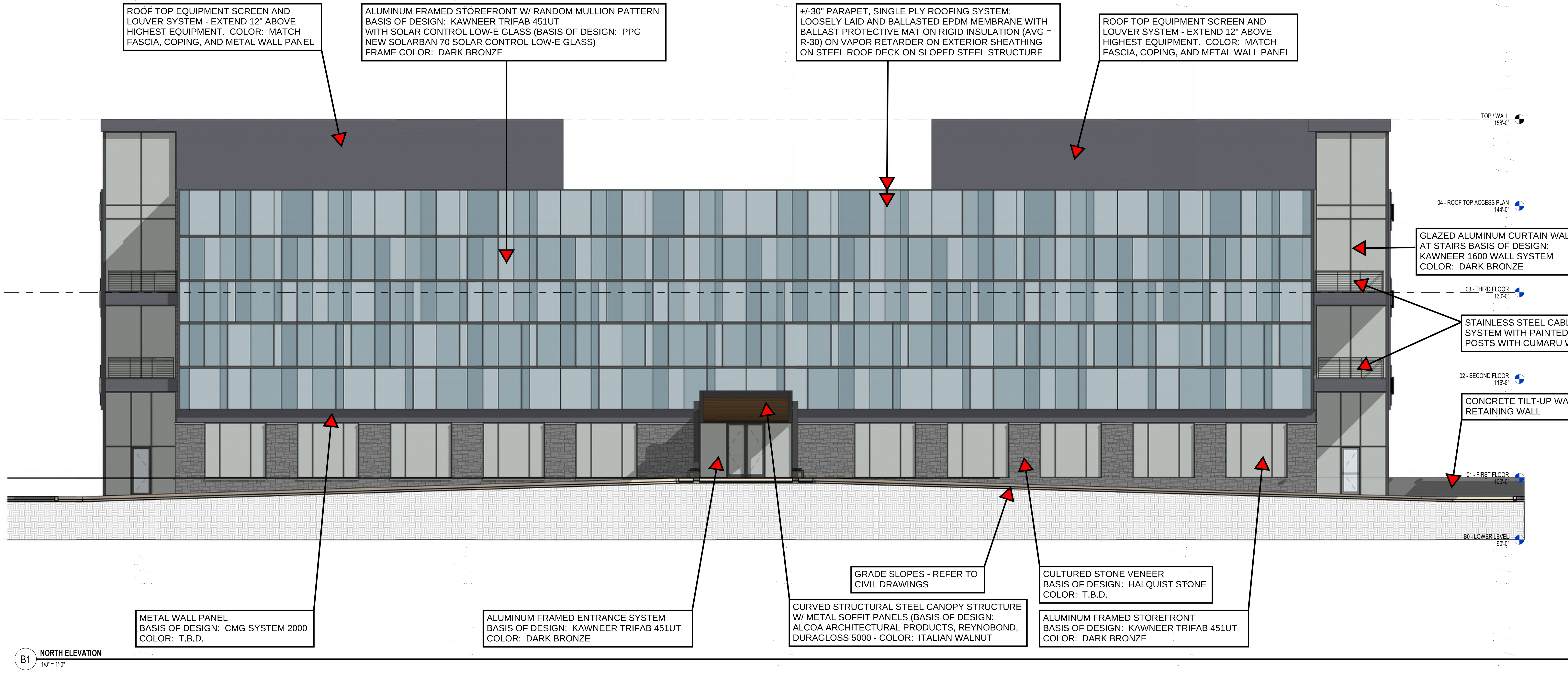
REVISIONS:

ROOF PLANS

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A205

NOT FOR CONSTRUCTION
©2020 PLUNKETT RAYSICH ARCHITECTS, LLP

DRAWN BY: AJR 5/20/2020 8:58:48 AM



B1 NORTH ELEVATION
1/8" = 1'-0"

EXTERIOR ELEVATIONS SYMBOLS LEGEND

SECTION REFERENCE
ELEVATION NOTE
DETAIL REFERENCE
WINDOW TYPE
CONSTRUCTION KEYNOTE

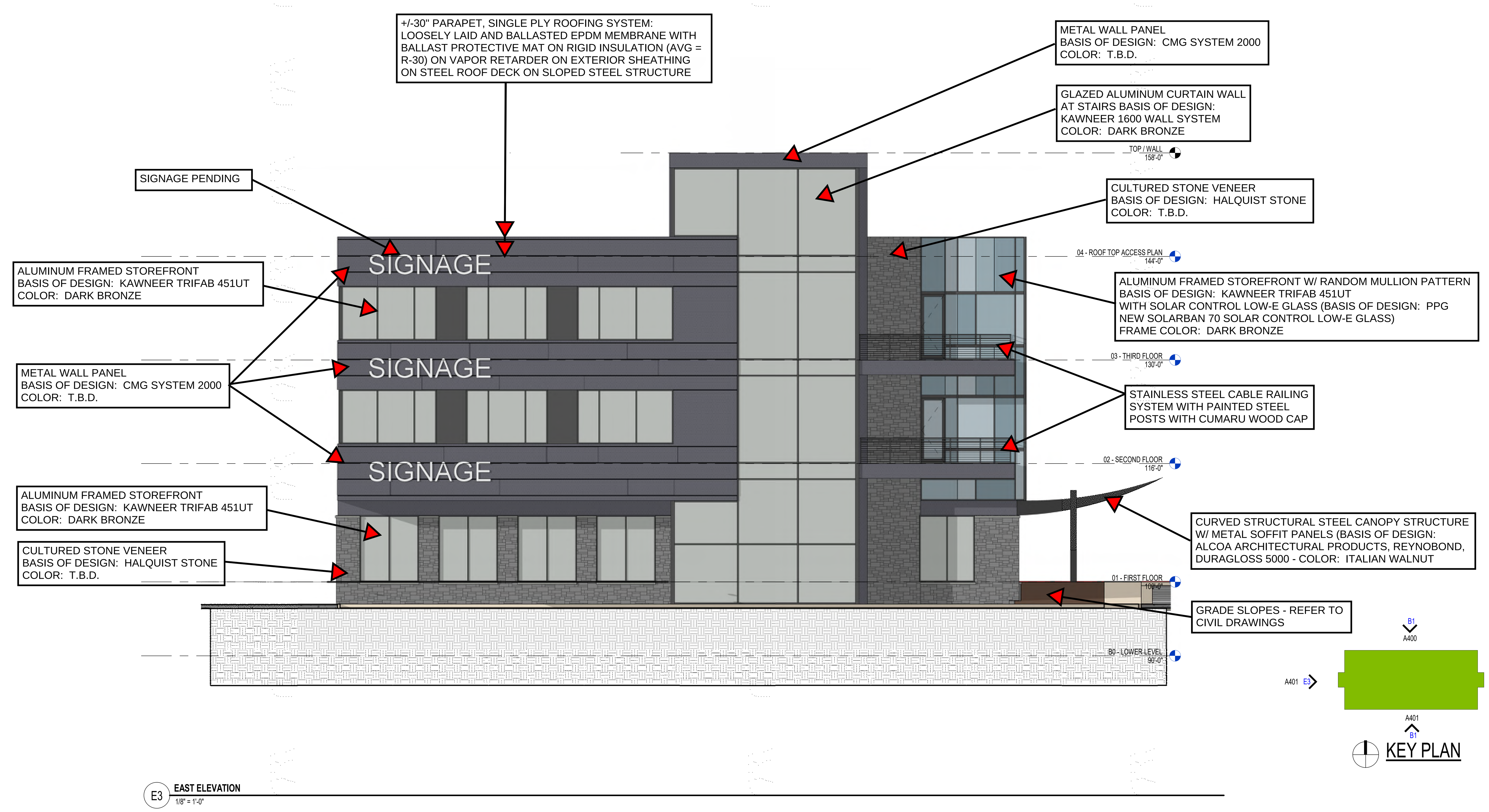
EXTERIOR FINISH PATTERNS

METAL WALL PANEL
STONE
SIDING

EXTERIOR ELEVATIONS GENERAL NOTES

A. PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT MASONRY COLOR
B. REFER TO SHEET A801 FOR WINDOW FRAME ELEVATIONS
C. SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.

EXTERIOR ELEVATION NOTES	
NOTE #	EXTERIOR ELEVATION NOTE



E3 EAST ELEVATION
1/8" = 1'-0"

KEY PLAN

DRAWN BY: ENTER INITIALS
5/19/2020 4:25:59 PM

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive suite 2000, madison, wisconsin 53718 t 608 240 9900
1900 main street suite 309, sarasota, florida 34236 t 941 444 8845
intelligent designs. inspired results. | www.prarch.com

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

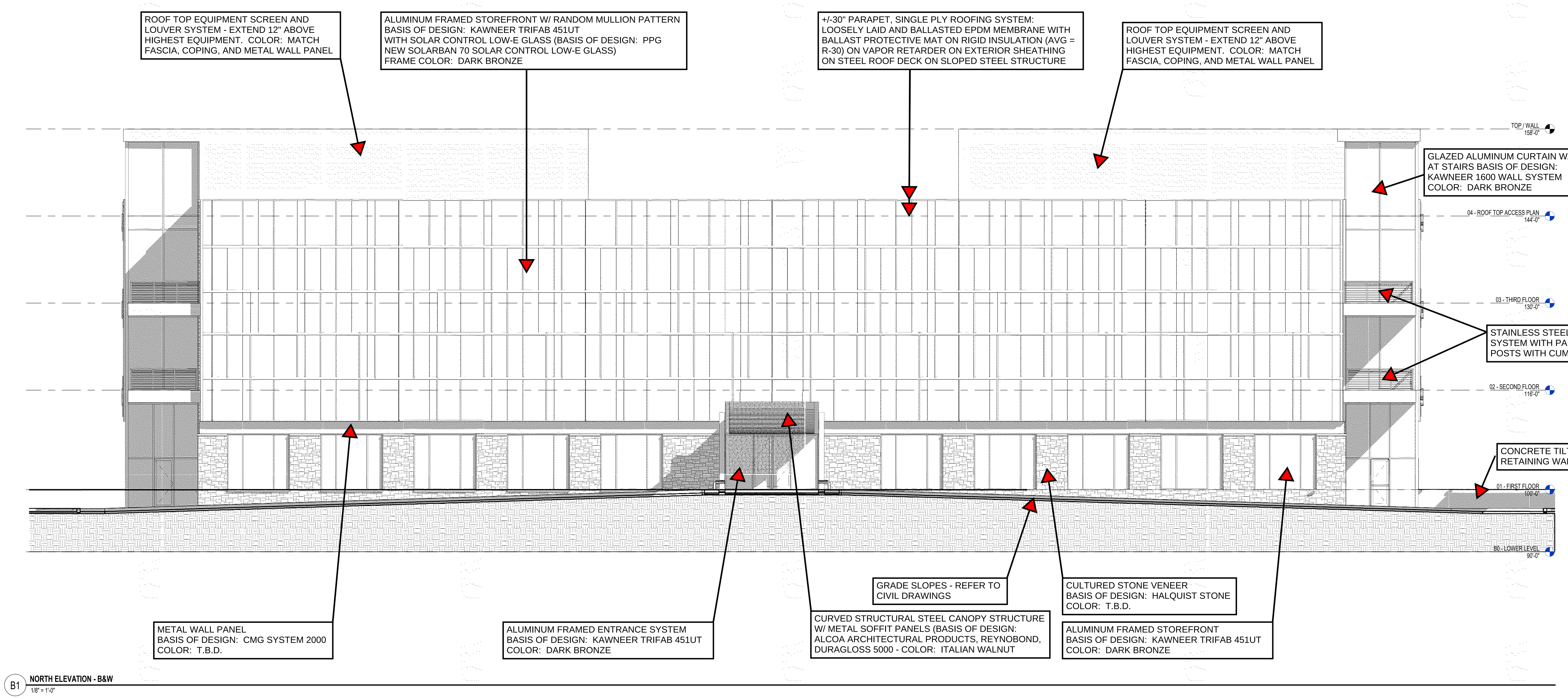
REVISIONS:

EXTERIOR ELEVATIONS

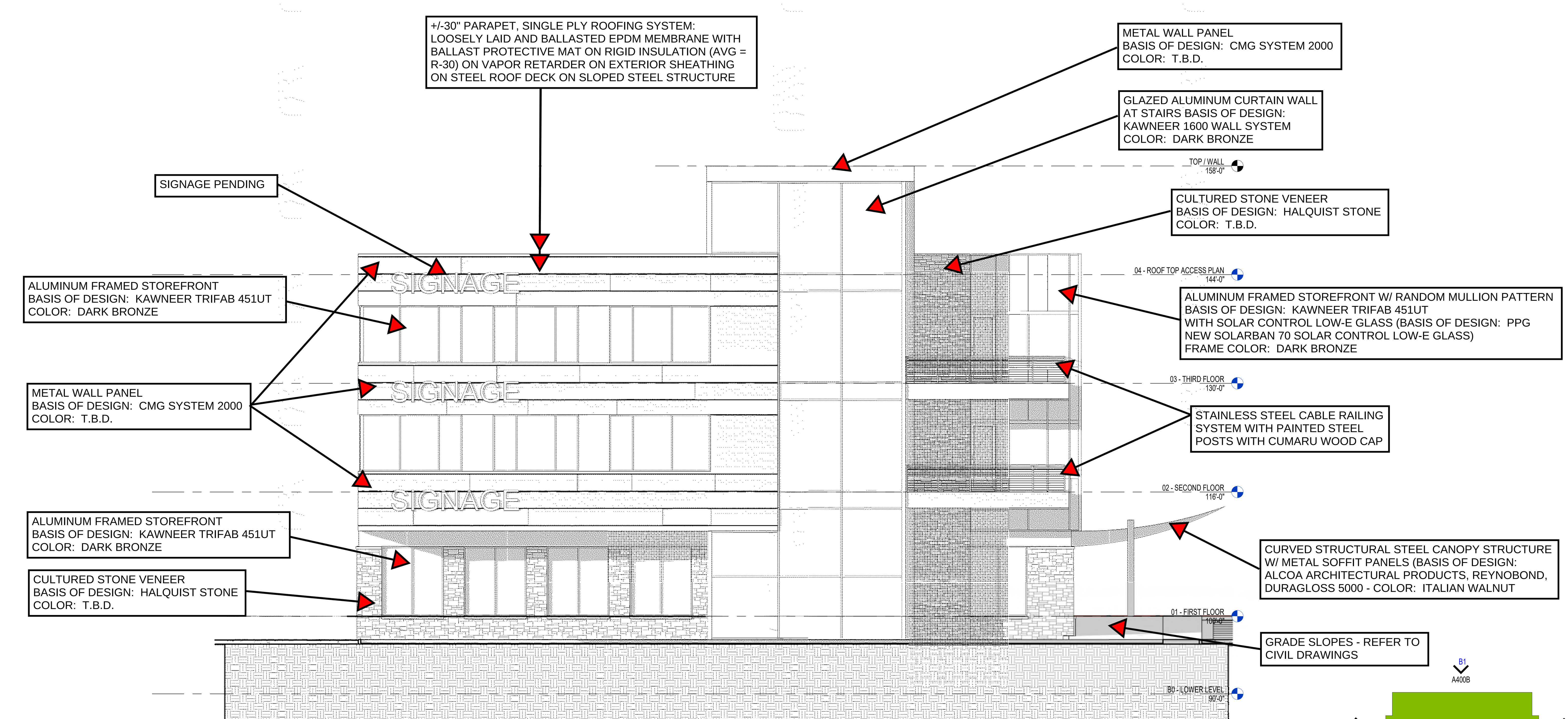
NOT FOR CONSTRUCTION

© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A400



B1 NORTH ELEVATION - B&W
1/8" = 1'-0"



E3 EAST ELEVATION B&W
1/8" = 1'-0"

EXTERIOR ELEVATIONS SYMBOLS LEGEND

- SECTION REFERENCE
- DETAIL REFERENCE
- ELEVATION NOTE
- WINDOW TYPE
- CONSTRUCTION KEYNOTE

EXTERIOR FINISH PATTERNS

- METAL WALL PANEL
- STONE
- SIDING

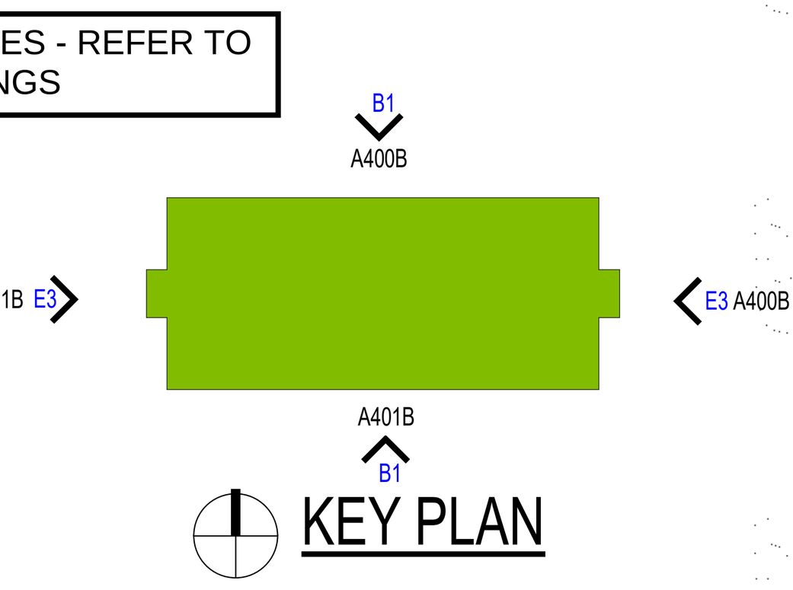
EXTERIOR ELEVATIONS GENERAL NOTES

A. PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT MASONRY COLOR

B. REFER TO SHEET A891 FOR WINDOW FRAME ELEVATIONS

C. SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.

EXTERIOR ELEVATION NOTES	
NOTE #	EXTERIOR ELEVATION NOTE



KEY PLAN

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive suite 2000 madison, wisconsin 53718 t 608 240 9900
1900 main street suite 309 sarasota, florida 34236 t 941 444 8845
intelligent designs. inspired results. | www.prarch.com

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

REVISIONS:

NOT FOR CONSTRUCTION

© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

EXTERIOR ELEVATIONS

LAND USE SUBMITTAL

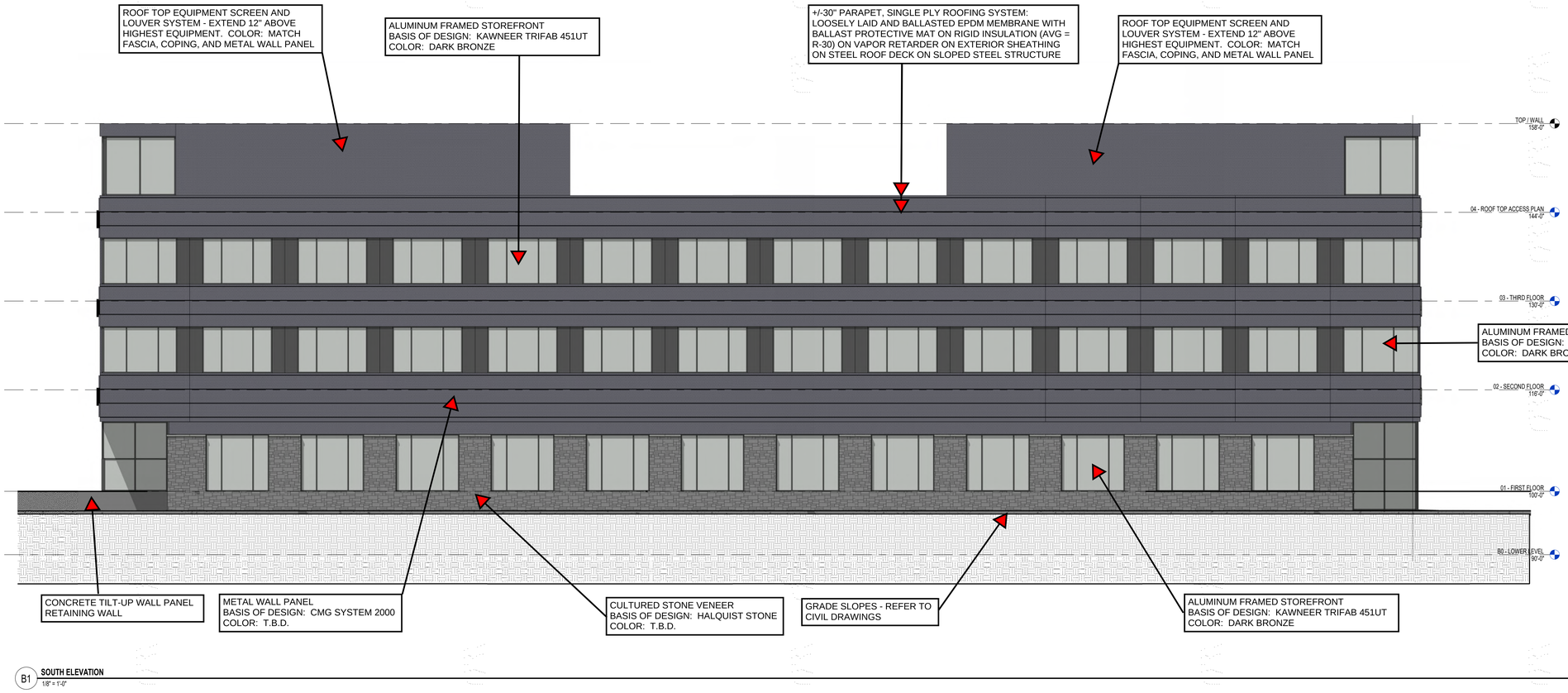
BID PACKAGE:

DATE: 05-20-2020

JOB NO: 190247-01

SHEET NO: A400B

DRAWN BY: Author 5/19/2020 4:26:28 PM



B1 **SOUTH ELEVATION**
1/8" = 1'-0"

EXTERIOR ELEVATIONS SYMBOLS LEGEND

- SECTION REFERENCE (1 / A101)
- ELEVATION NOTE (X)
- DETAIL REFERENCE (1 / A101)
- WINDOW TYPE (AL01)
- CONSTRUCTION KEYNOTE (BG0)

EXTERIOR FINISH PATTERNS

- METAL WALL PANEL
- STONE
- SIDING

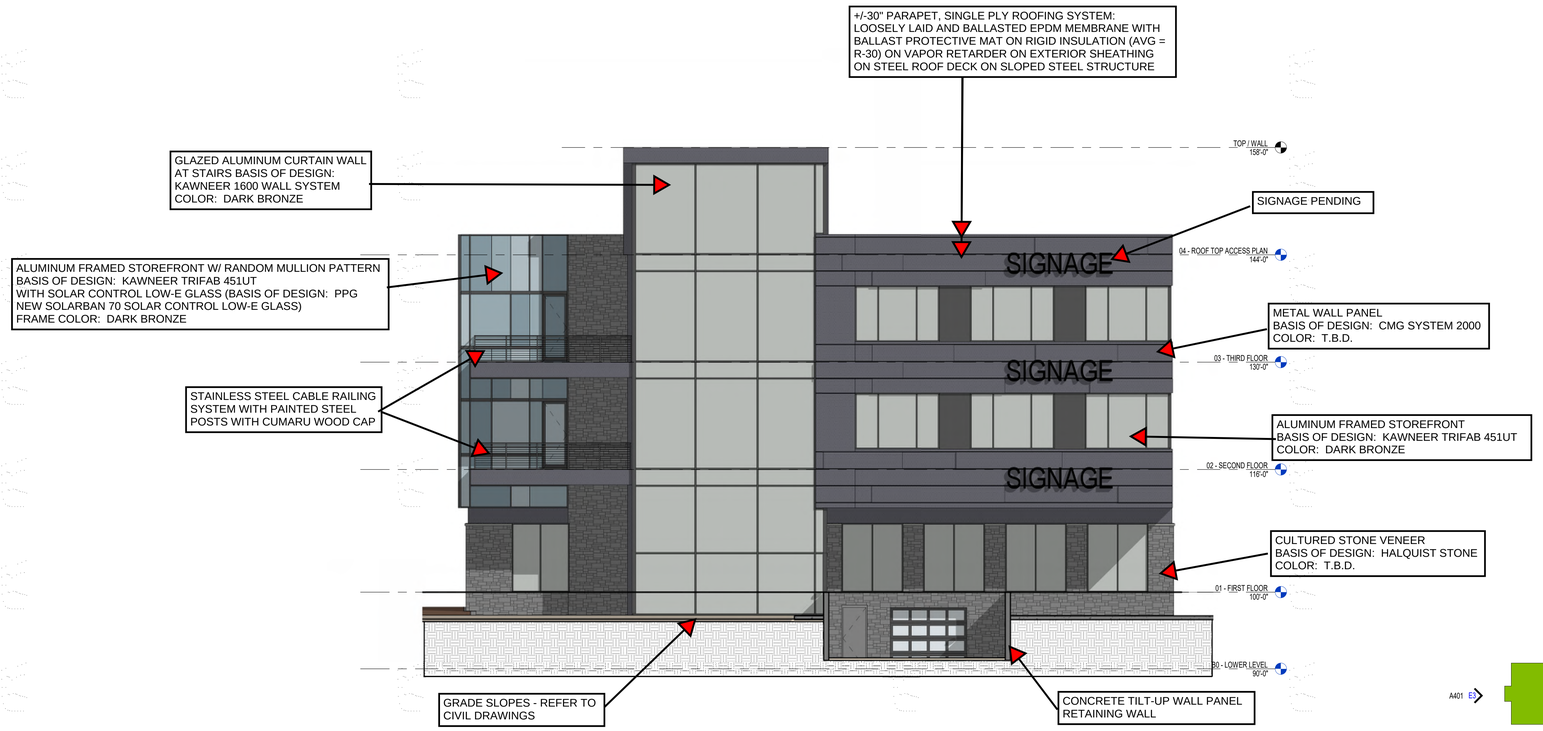
EXTERIOR ELEVATIONS GENERAL NOTES

A. PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT MASONRY COLOR

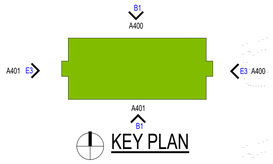
B. REFER TO SHEET A891 FOR WINDOW FRAME ELEVATIONS

C. SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.

EXTERIOR ELEVATION NOTES	
NOTE #	EXTERIOR ELEVATION NOTE



E3 **WEST ELEVATION**
1/8" = 1'-0"



KEY PLAN

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street suite 200 milwaukee, wisconsin 53204 t 414 339 3060
2121 usher street madison, wisconsin 53703 t 608 661 3000
1900 main street sarasota, florida 34236 t 941 444 8845
www.prarch.com
intelligent designs. inspired results.

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

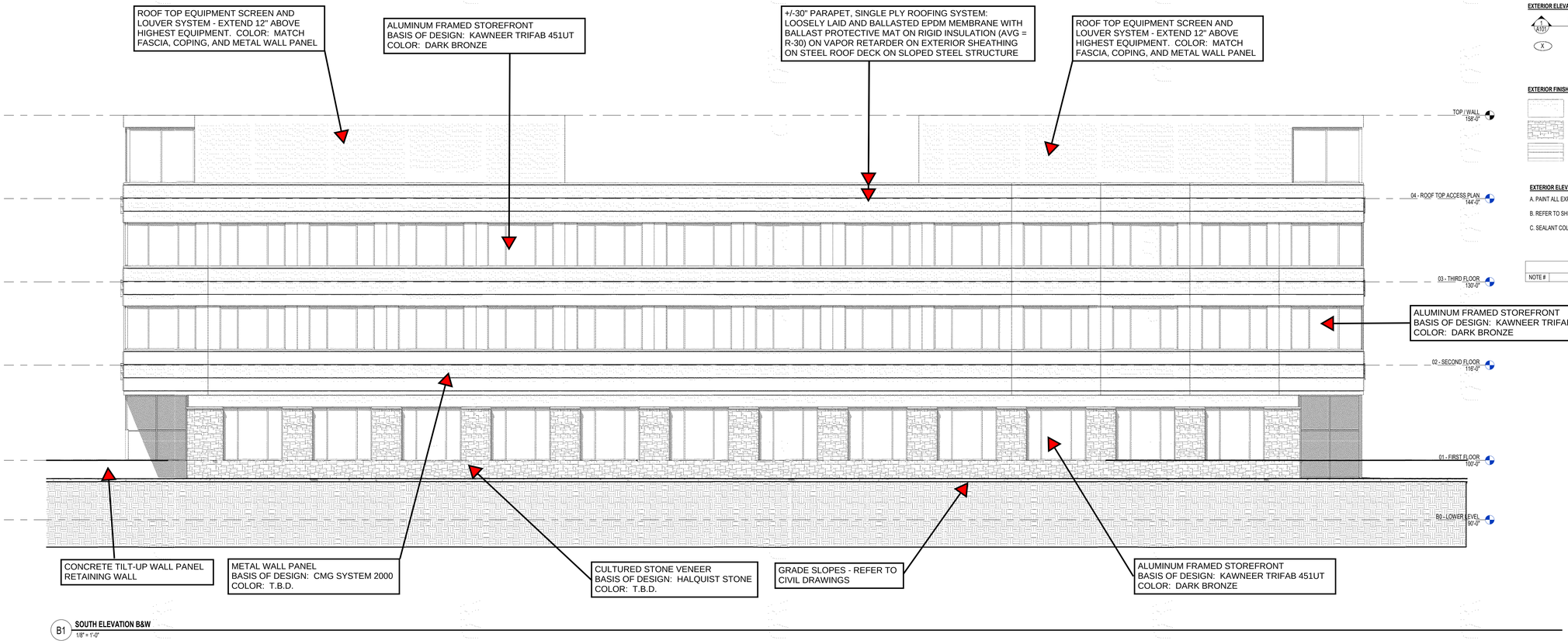
REVISIONS:

EXTERIOR ELEVATIONS

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A401

NOT FOR CONSTRUCTION
© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

DRAWN BY: Author 5/19/2020 4:26:47 PM



B1 **SOUTH ELEVATION B&W**
1/8" = 1'-0"

EXTERIOR ELEVATIONS SYMBOLS LEGEND

- SECTION REFERENCE (A101)
- ELEVATION NOTE (X)
- DETAIL REFERENCE (1 / A101)
- WINDOW TYPE (AL01)
- CONSTRUCTION KEYNOTE (BG6)

EXTERIOR FINISH PATTERNS

- METAL WALL PANEL
- STONE
- SIDING

EXTERIOR ELEVATIONS GENERAL NOTES

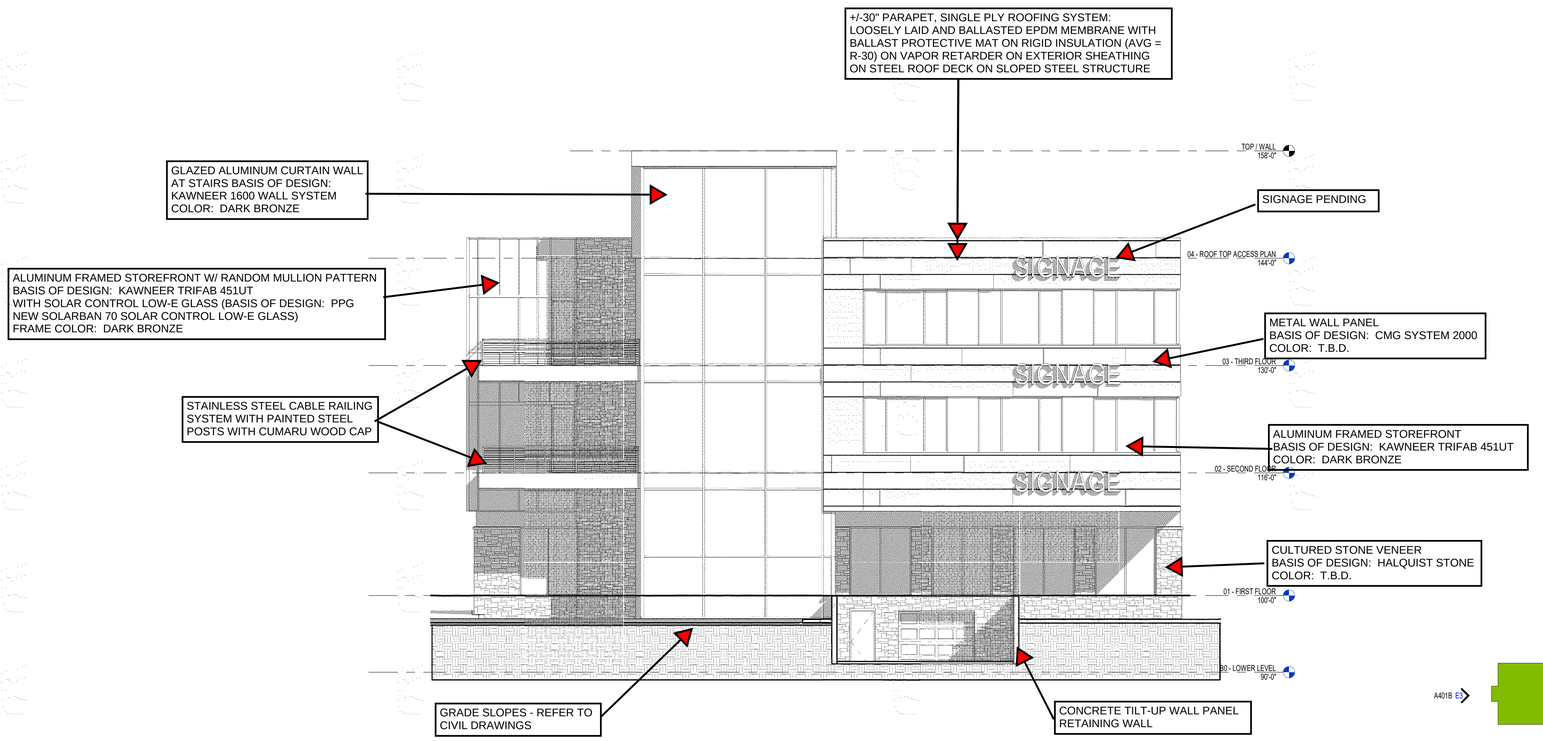
A. PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT MASONRY COLOR

B. REFER TO SHEET A891 FOR WINDOW FRAME ELEVATIONS

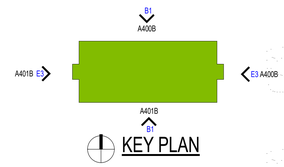
C. SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.

EXTERIOR ELEVATION NOTES

NOTE #	EXTERIOR ELEVATION NOTE



E3 **WEST ELEVATION - B&W**
1/8" = 1'-0"



DRAWN BY: Author 5/19/2020 4:27:20 PM

PLUNKETT RAYSICH ARCHITECTS, LLP
intelligent designs. inspired results. | www.prarch.com
209 south water street, suite 200, milwaukee, wisconsin 53204, t 414 339 3060
2211 north moorland road, suite 309, new berlin, wisconsin 53151, t 262 827 3000
1900 main street, sarasota, florida 34236, t 941 444 8845

NOT FOR CONSTRUCTION
© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

REVISIONS:

EXTERIOR ELEVATIONS

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A401B

VIEW FROM WEST BELTLINE HWY LOOKING SW

VIEW OF BUILDING LOOKING SW

VIEW OF BUILDING ENTRANCE

pra
PLUNKETT RAYSICH
ARCHITECTS, LLP
intelligent designs. inspired results. | www.prarch.com

209 south water street, suite 300, milwaukee, wisconsin 53204, t 414 369 3900
2135 rimrock road, suite 309, madison, wisconsin 53713, t 608 204 0900
1900 main street, suite 309, sarasota, florida 34236, t 941 444 8845

NOT FOR CONSTRUCTION

© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

REVISIONS:

EXTERIOR PERSPECTIVES

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: A405

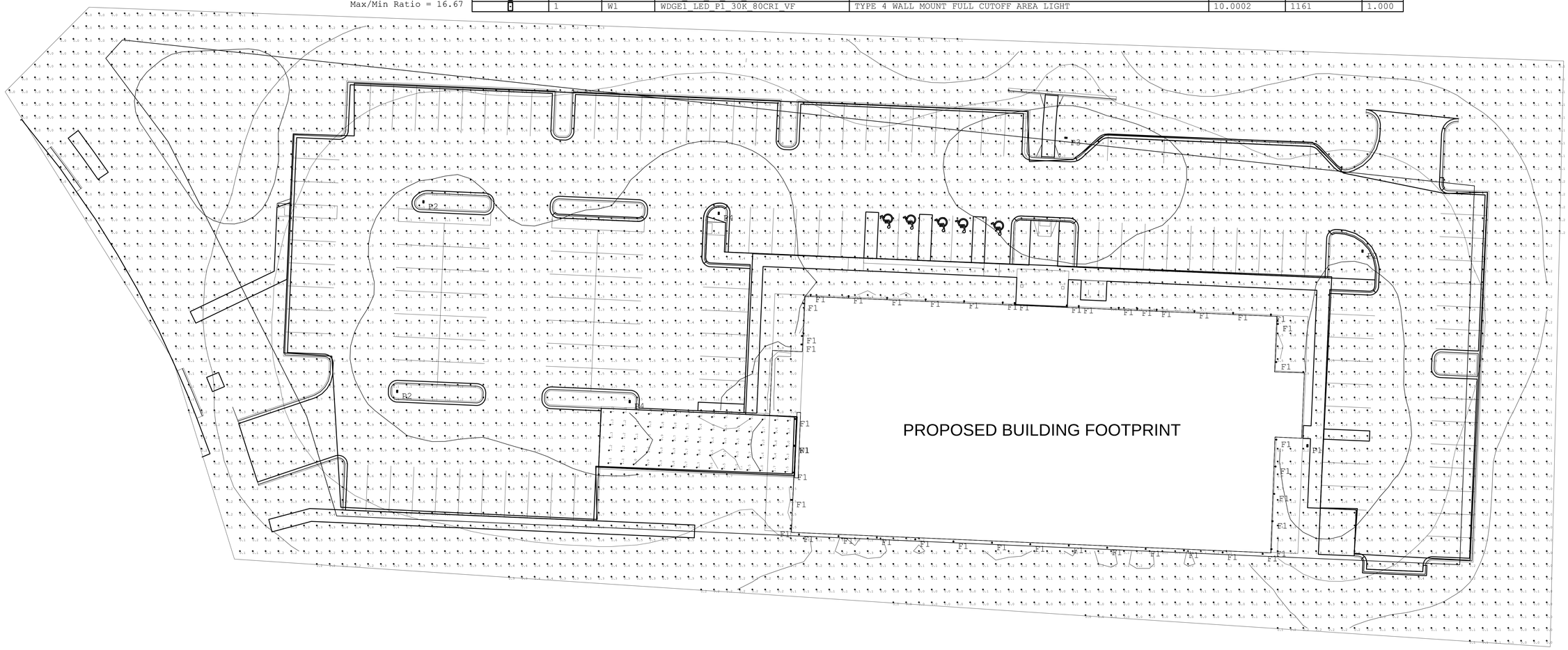
DRAWN BY: AJR 5/20/2020 8:58:48 AM

Parking

Illuminance (Fc)
Average = 1.01
Maximum = 5.0
Minimum = 0.3
Avg/Min Ratio = 3.37
Max/Min Ratio = 16.67

Luminaire Schedule

Symbol	Qty	Tag	Label	Description	Lum. Watts	Lum. Lumens	LLF
	43	F1	FCF1103_UNV_3K_BK_MS_CV3_AS	25_DEGREE_ADJUSTABLE_SPOTLIGHT	7.175	921	1.000
	1	P1	RSX1_LED_P2_30K_R4	TYPE_4_FULL_CUTOFF_AREA_LIGHT	72.95	9076	1.000
	3	P2	RSX1_LED_P2_30K_R5	TYPE_5_FULL_CUTOFF_AREA_LIGHT	72.95	9197	1.000
	1	P3	RSX1_LED_P3_30K_R4	TYPE_4_FULL_CUTOFF_AREA_LIGHT	109.44	12930	1.000
	2	P4	RSX1_LED_P3_30K_R5	TYPE_5_FULL_CUTOFF_AREA_LIGHT	109.44	13101	1.000
	1	W1	WDGE1_LED_P1_30K_80CRI_VF	TYPE_4_WALL_MOUNT_FULL_CUTOFF_AREA_LIGHT	10.0002	1161	1.000



SITE PLAN - PHOTOMETRIC PLAN

NORTH
1"=20' on 30"x42"
NTS on 11"x17"

NOT FOR CONSTRUCTION
© 2020 PLUNKETT RAYSICH ARCHITECTS, LLP

pra
PLUNKETT RAYSICH
ARCHITECTS, LLP
209 south water street milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive suite 2000 madison, wisconsin 53718 t 608 249 9900
1900 main street suite 399 sarasota, florida 34236 t 941 444 8845
intelligent designs. inspired results. | www.prarch.com

NEW OFFICE BUILDING
Old Sauk Trails Office Building
8150 Excelsior Drive, Madison, WI 53717

REVISIONS:

SITE PLAN PHOTOMETRICS

LAND USE SUBMITTAL
BID PACKAGE:
DATE: 05-20-2020
JOB NO: 190247-01
SHEET NO: PHT1

FC LIGHTING

FCF1103

FCF1103 Shown with visor optical accessory.

Date:	**Approved:**
Type:	
Fixture:	
Project:	

FCF1103 in the FC Lighting 1100 Flood Light Series is a round, compact luminaire that provides the widest range of mounting options in the industry. The FCF1103 is available with 5 CCT options and an integral universal voltage driver which allows for easy installation. Our wide range of optical accessories provides the tools to design every project with an ideal lighting solution.

SPECIFICATIONS

PHYSICAL

beam spread	15° | 25° | 40° | 60° | 110°
lengths/dimensions [LxDxH]	3.75"W x 3.3"D x 5.7"H
weight	2.8 lbs
housing	marine grade, corrosion resistant, low copper, solid die-cast aluminum; captive stainless steel fasteners
lens	anti-reflective-clear, tempered glass w/silicone gasketing - IK07 Impact Rating
mounting	standard mounting is flat base U-Joint Bracket with ¼" hole includes adjustments for 180° vertical rotation and 360° horizontal rotation
ingress protection	dry, damp or wet locations IP66 rated
vibration resistance	compliant with 3G ANSI C136.31
finish	UV stable polyester powder coat

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K	5000K
lumen output	867 lm	885 lm	900 lm	915 lm	933 lm
lifetime	> 70,000 hours / L90 or better				
color consistency	Step 2 McAdams Ellipse / CRI ≥ 90				
temperature	**operating**: -49°F to 104°F (-40°C to 40°C) | **start up**: -49°F to 104°F (-40°C to 40°C) | **storage**: -49°F to 176°F (-45°C to 80°C)				
junction temperature	73°C @ T_A 25°C				
warranty	5 year limited warranty (refer to website for details)				

ELECTRICAL

input voltage	Universal 120–277V AC
power supply	integral Class II, electronic high-power factor > 94% @120V
certification	CEC Title 24 - JA8 Compliant
standards	ETL / cETL or CE, tested to UL 1598 and UL 8750 standards / UL-Class I / IES LM-79 / LM-80
power consumption	7W @ 120V
interface	**optional:** 0-10V Dimmingw (only available with optional remote driver)

This product has Quick Ship options available. Click to view the FC\|SSL Quick Ship catalog.

Expanded Disclaimer: Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting and Solid State Luminaires reserves the right to change lab test details or specifications without notice. Product use certifies agreement to Solid State Luminaires terms and conditions. FCF1100 Series Flood Lights are engineered and produced in our Illinois manufacturing facility.

FCF1103

ORDERING INFORMATION

FCF1103					
model	**voltage**	**CCT**	**finish**	**optics**	**factory installed accessories***
FCF1103 3" Flood Light	**UNV** 120V - 277V **120V** 120 Volt	**27K** 2700K **3K** 3000K **35K** 3500K **4K** 4000K **5K** 5000K **Static Colors** **R** Red **G** Green **B** Blue	**BK** black **BZ** bronze **WH** white **SL** silver **CC** custom color	**SP** Spot - 15° **MS** Medium Spot - 25° **MF** Medium Flood - 40° **FL** Flood - 60° **WFL** Wide Flood - 110°	**LD-R** LED Dimming (0-10V remote only) *max 10" leadwire* **PE** Photo Eye (120V only) **optical accessories** *(choose only one per fixture)* **CV3** Cut-Off Visor **CV3-RG3** Cut-Off Visor w/Rock Guard **LSN3** Long Snoot **LSN3-SF3** Long Snoot w/Screen Frame **RG3** Rock Guard **RPS** Remote Power Supply *(3 fixture max - required for 0-10V Dimming)*

Mounting Accessories *(choose only one mounting option per fixture below for each fixture ordered)*

_____ **AS** Architectural Surface Mount
_____ **FEA6** Flood Extension Arm - 6"
_____ **FEA12** Flood Extension Arm - 12"
_____ **FEA18** Flood Extension Arm - 18"
_____ **DR** Direct Round Pole Mount
_____ **GS3** Ground Stake
_____ **HGS** Heavy Duty Ground Stake
_____ **JB** Junction Box (Outdoor Rated)
_____ **MP** Mounting Plate
_____ **PC** Pole Clamp
_____ **PF** Post Top Fitter
_____ **SB** Surface Base Mount
_____ **SF** Slip Fitter
_____ **TA** Tenon Adaptor
_____ **TM** Tree Mount
_____ **Y3** Yoke Arm *(removes knuckle)*

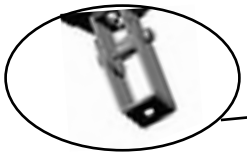
* Parts designated as factory installed require assembly prior to shipment and are not adjustable in the field. Adjustments made to these features or tampering with factory installed parts by any other agent will result in voiding the product warranty.

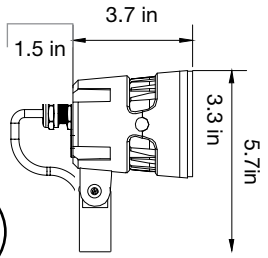
FCF1103 Dimensions

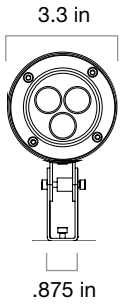
PRODUCT DIMENSIONS - STANDARD PRODUCT

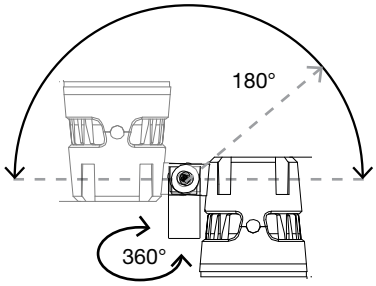
width	3.75" W
diameter	3.3" D
height	5.7" H

standard mounting is a flat based U-Joint Bracket with ¼" hole



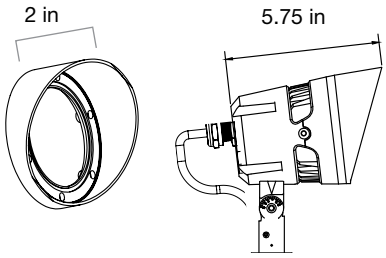


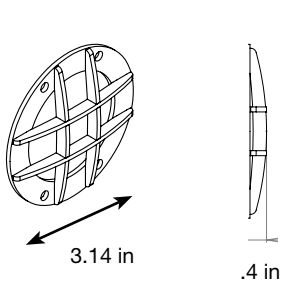




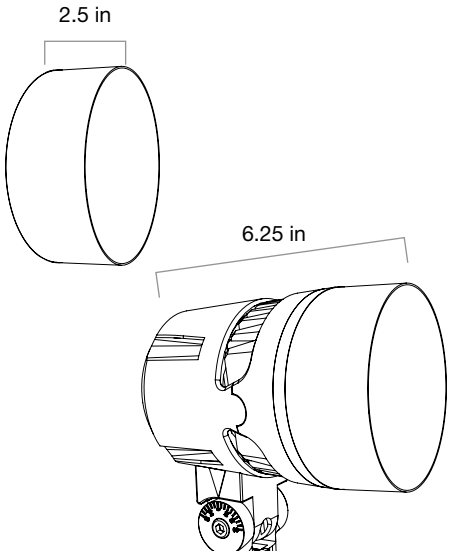
FACTORY INSTALLED ACCESSORIES

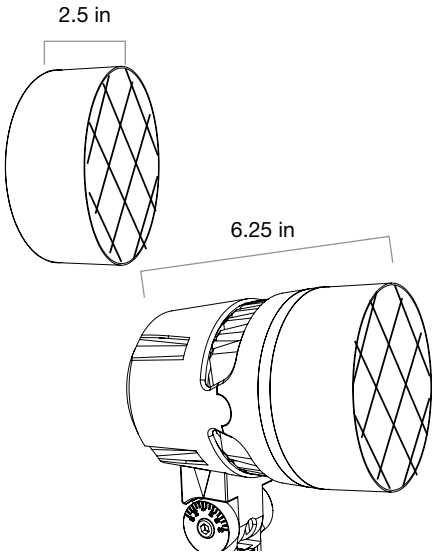
CV3 - cut-off visor	2" W	RG3 - rock guard	.4" W
overall width	5.75" W	overall width	4.15" W

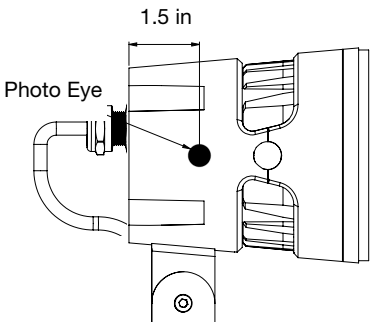




LSN3 - long snoot	2.5" L	LSN3 w/ SF3 - screen frame	2.5" L	PE - photo eye	flush
overall length	6.25" L	overall length	6.25" L	overall width	3.75" W



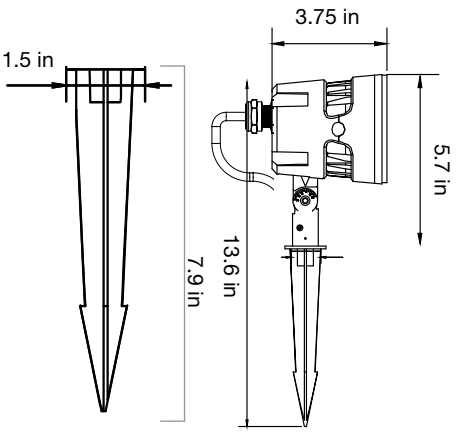




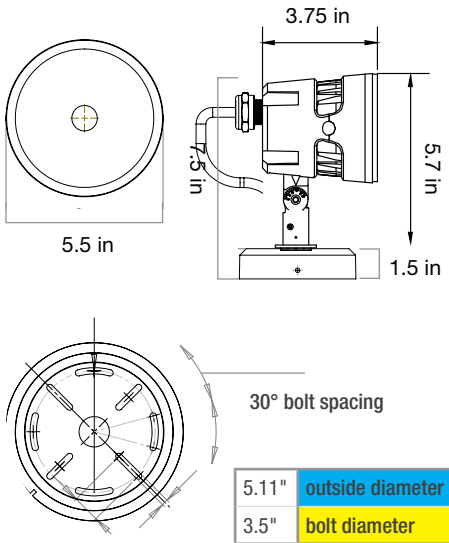
PRODUCT DIMENSIONS CONTINUED

PRODUCT WITH MOUNTING OPTIONS

GS3 - ground stake	7.9" H
overall height	13.6" H

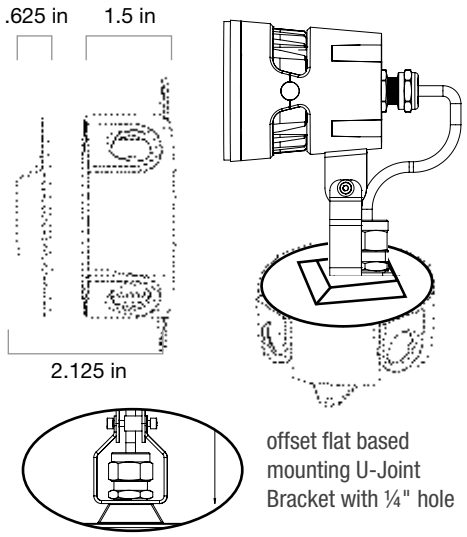


AS - architectural surface mount	1.5" H
overall height	7.2" H



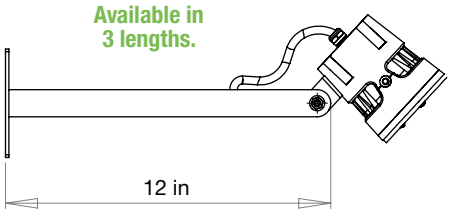
5.11"	outside diameter
3.5"	bolt diameter

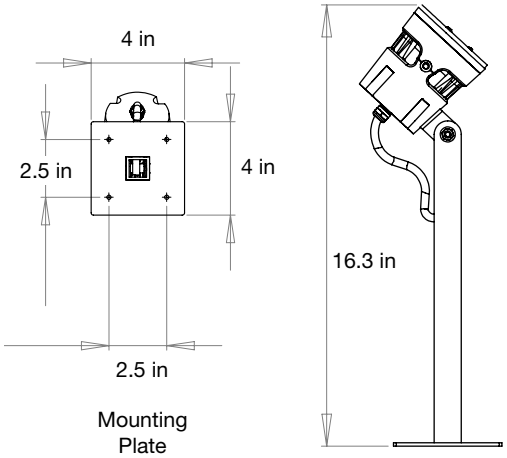
JB - junction box	2.125" H
overall height	7.825" H



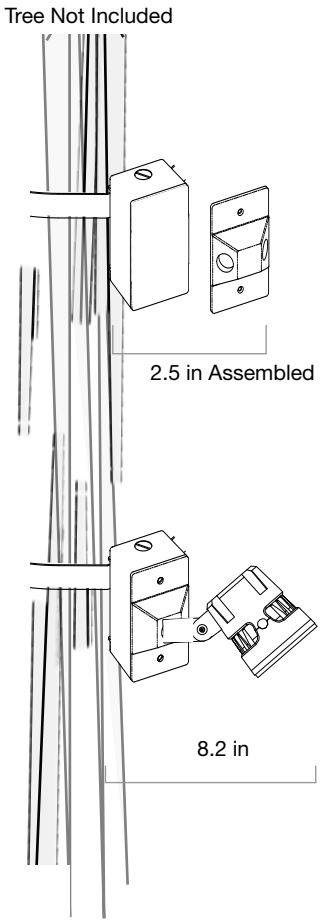
FEAX - flood extension arm		3 Lengths
overall length	10.3" L	6" L
overall length	16.3" L	12" L
overall length	22.3" L	18" L

Shown as FEA12 (12 in catilever arm)

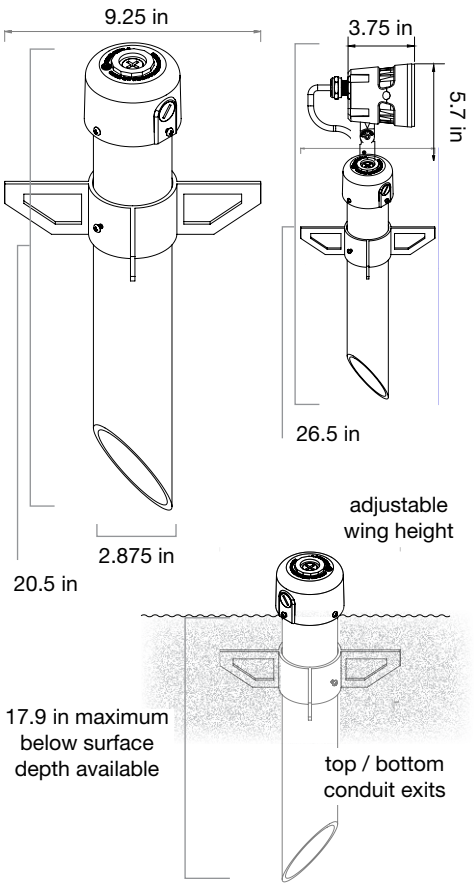




TM - tree mount	2.5" Depth
overall length	8.2" L (from tree)



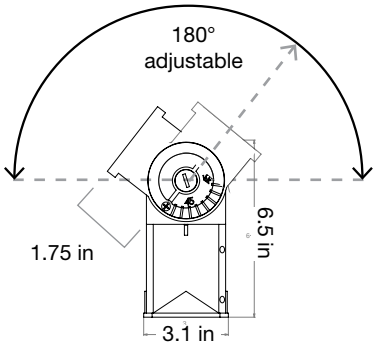
HGS - heavy duty GS	20.5" H
overall height	26.2" H



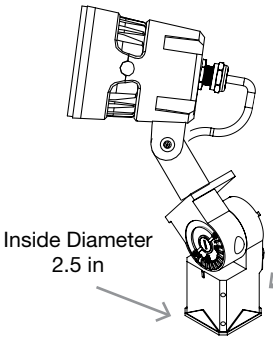
PRODUCT DIMENSIONS CONTINUED

PRODUCT WITH MOUNTING OPTIONS

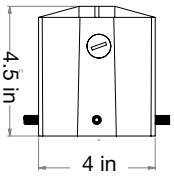
SF - slip fitter	1.75" H	6.5" H
overall height *(fully extended)*		14.25" H



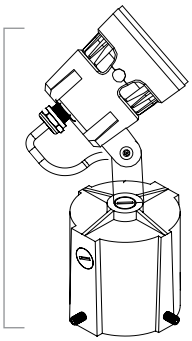
for use with 2.325 in tenon
(tenon supplied by others)



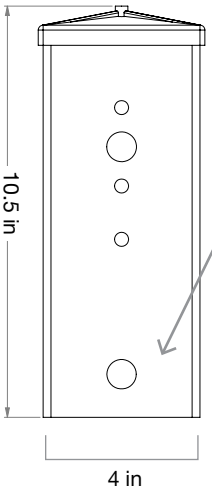
PF - post top fitter	4.5" H	
overall height	10.2" H	



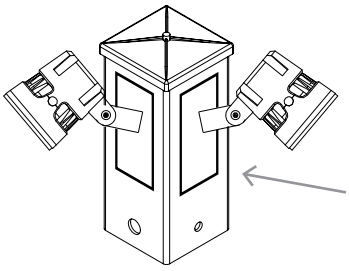
for use with
3.5 in pole or
tenon adapter
(supplied by
others)



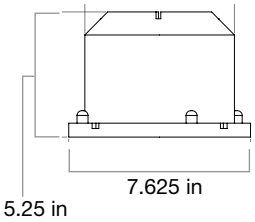
TA - 4X tenon adapter	10.5" L	4" H
overall height		9.7" H

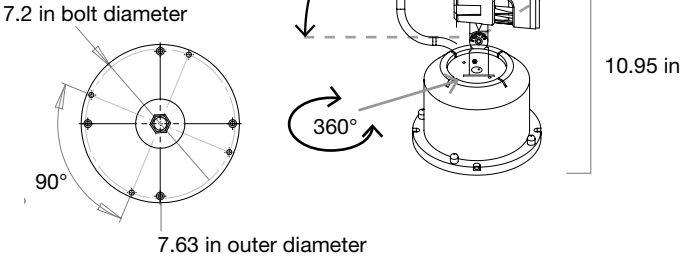


tenon adapter can mount up to 4 fixtures
(1 per side)

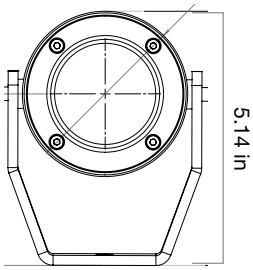


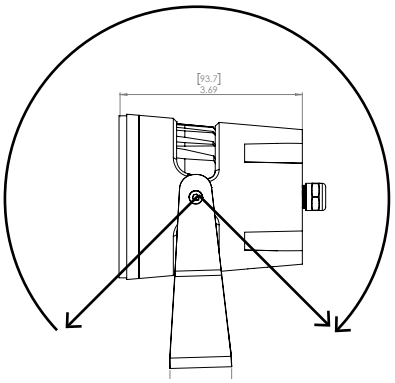
SB - surface base	5.25" H	
overall height	10.95" H	

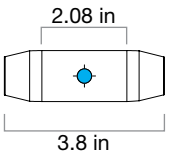




Y3 - yoke arm	4" H	
overall height	5.14" H	







1.04" X .625" center

RSX1 LED
Area Luminaire

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

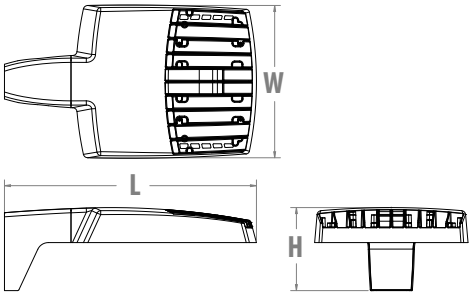
EPA (ft²@0°): 0.57 ft² (0.05 m²)

Length: 21.8" (55.4 cm) (SPA mount)

Width: 13.3" (33.8 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm

Weight (max): 31.0 lbs (14.1 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] **(use specific voltage for options as noted)** 120 [3] 277 [4] 208 [3] 347 [4] 240 [3] 480 [4]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [5] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [5] AARP Adjustable tilt arm round pole mounting [5] AAWB Adjustable tilt arm with wall bracket [5] AAWSC Adjustable tilt arm wall bracket and surface conduit box [5]

Options

Shipped Installed

HS	House-side shield [6]
PE	Photocontrol, button style [7,8]
PEX	Photocontrol external threaded, adjustable [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [8,10,11,12]
CE34	Conduit entry 3/4" NPT (Qty 2)
SF	Single fuse (120, 277, 347) [4]
DF	Double fuse (208, 240, 480) [4]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [8,12]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [8,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2	nLight AIR generation 2 [12,13,14]
PIRHN	Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) [12,14,15]

***Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)

EGS	External glare shield [6]
EGFV	External glare full visor (360° around light aperture) [6]
BS	Bird spikes [16]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

Ordering Information

Accessories
Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glares hield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) [17]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [17]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [17]
DSHORT SBK U	Shorting cap [17]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
5 Maximum tilt is 90° above horizontal.
6 It may be ordered as an accessory.
7 Requires MVOLT or 347V.
8 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
9 Requires 120V, 208V, 240V, 277V or 347V.
10 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 Must be ordered with fixture for factory pre-drilling.
17 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields

House Side Shield

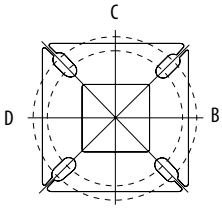
External Glare Shield

External 360 Full Visor

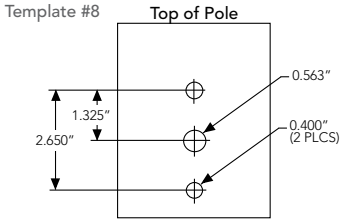
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

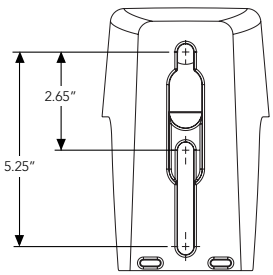
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

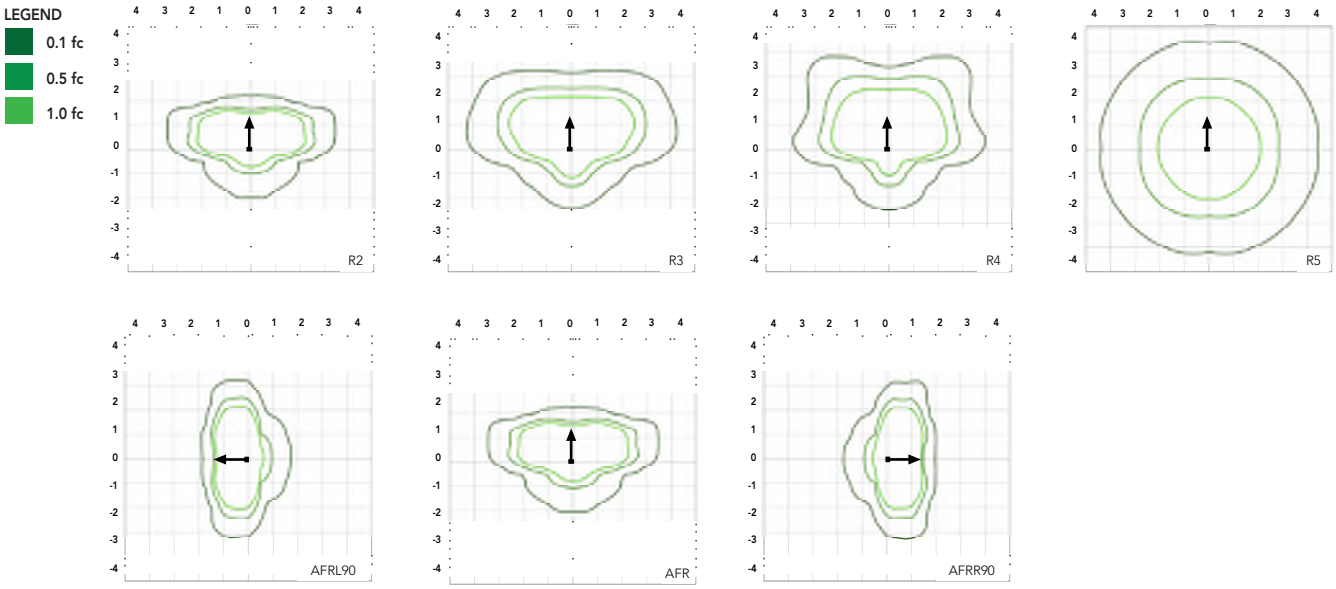
Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor		0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

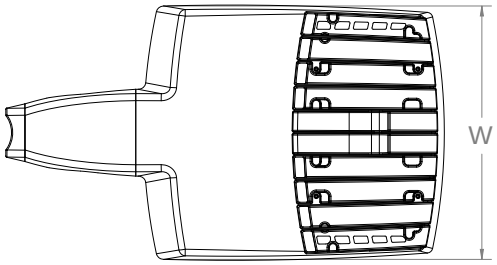
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

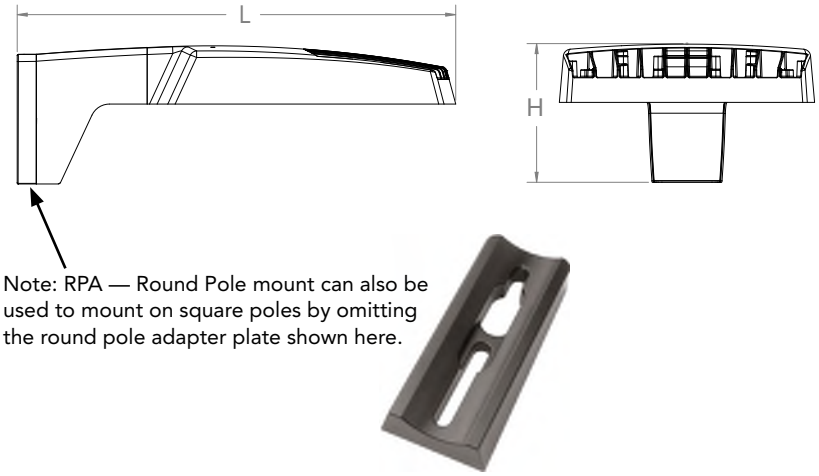
Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

Dimensions

RSX1 with Round Pole Adapter (RPA)

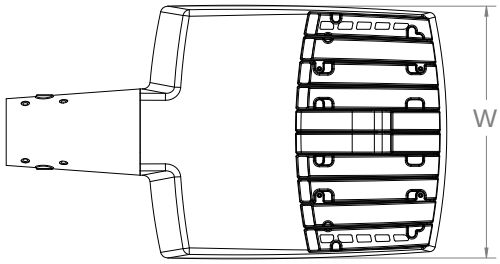


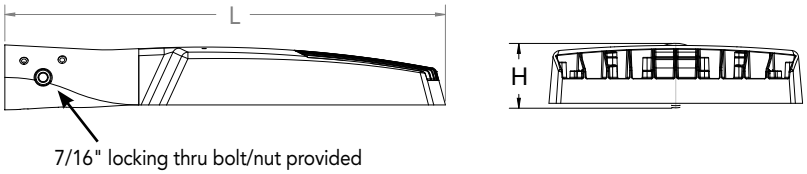


Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm

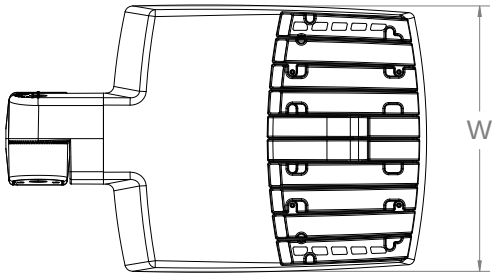
RSX1 with Mast Arm Adapter (MA)

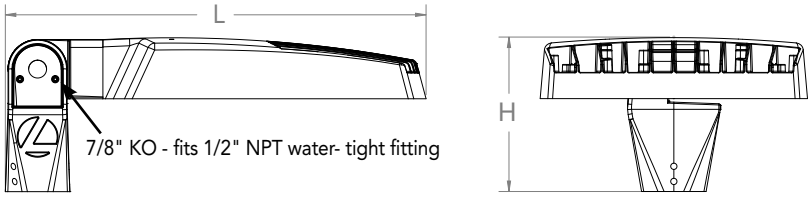




Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX1 with Adjustable Slipfitter (IS)



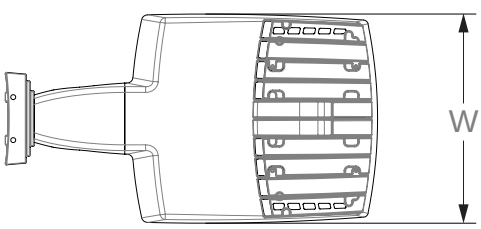


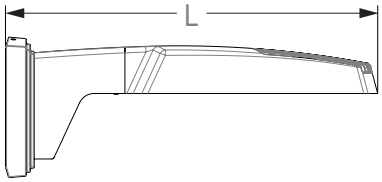
Length: 20.7" (52.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

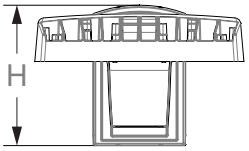
© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

Dimensions

RSX1 with Wall Bracket (WBA)

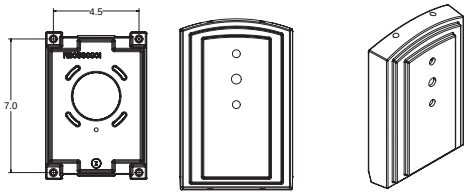




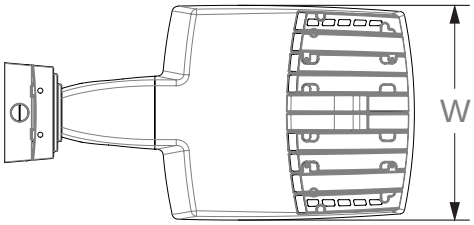


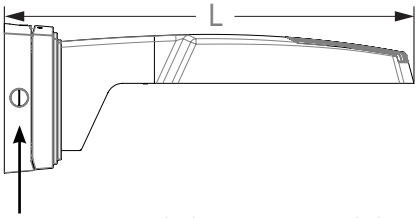
Length: 23.6" (59.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

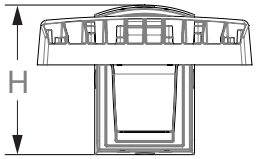


RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



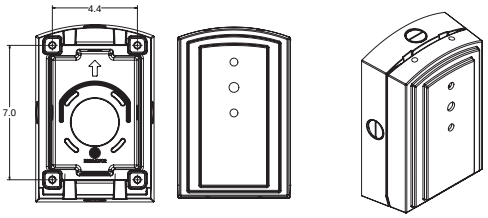


3/4" NPT taps with plugs - Qty (4) provided



Length: 25.3" (64.3 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

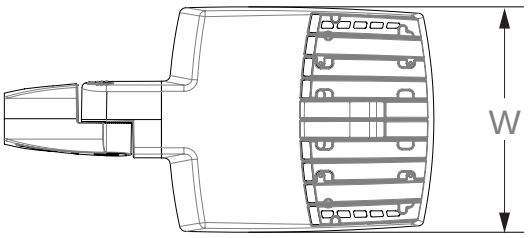
Surface Conduit Box (SCB) Mounting Detail

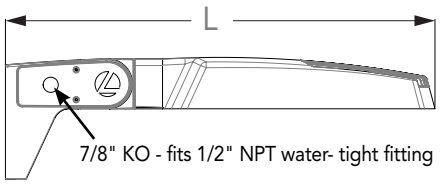


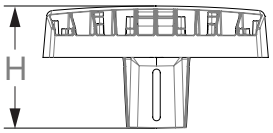
© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

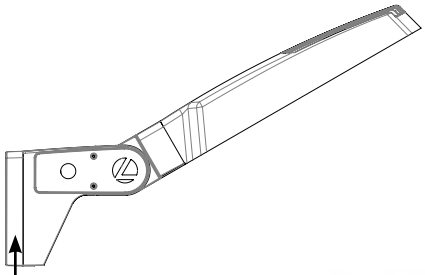
Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

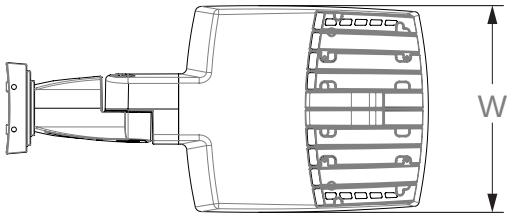
NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

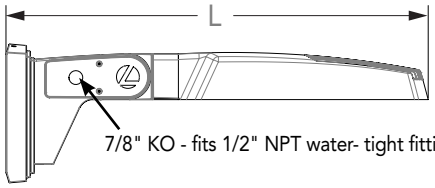
Notes

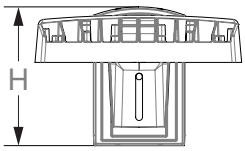
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

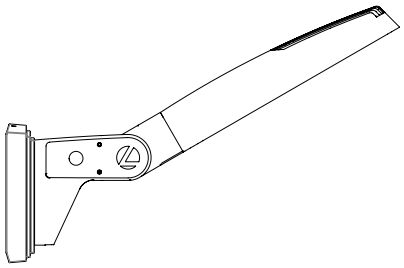
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



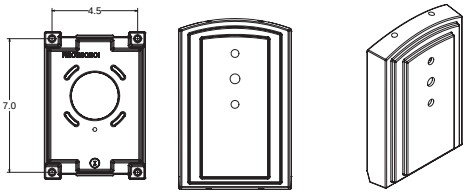






Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

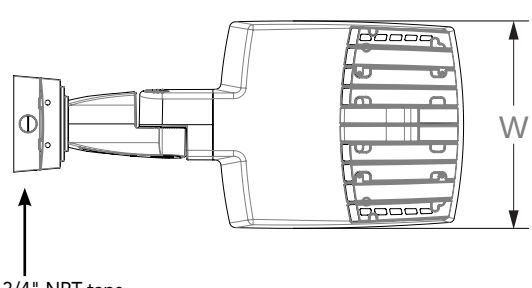
Wall Bracket (WBA) Mounting Detail



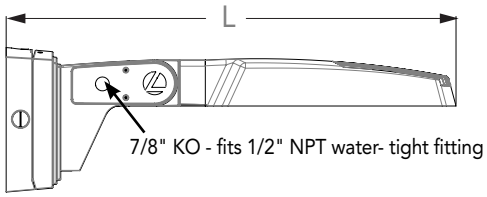
© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

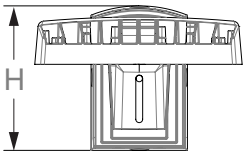
Dimensions

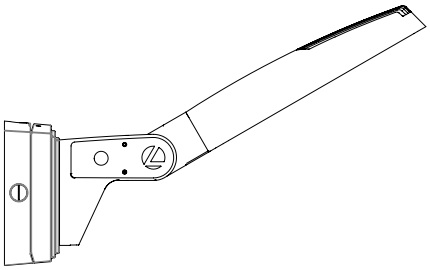
RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps
with plugs - Qty (4)
provided

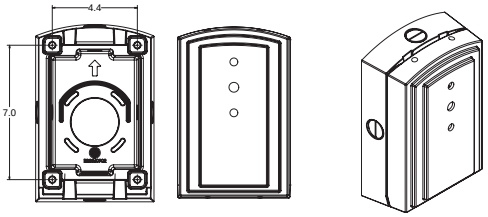




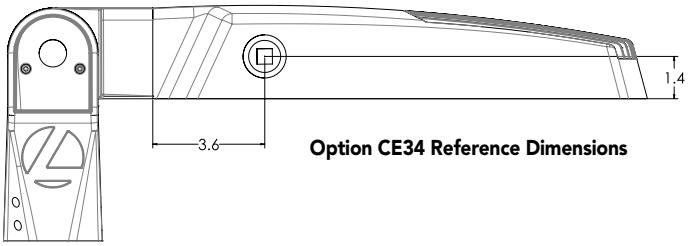


Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

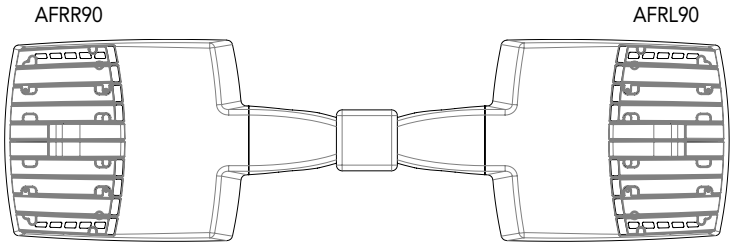


Additional Reference Drawings



Option CE34 Reference Dimensions

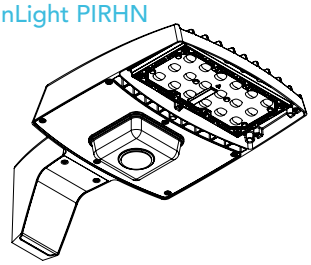
Automotive Front Row - Rotated Optics (AFRL90/R90)

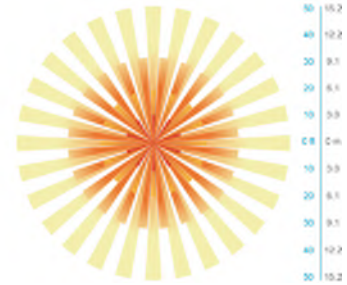


© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

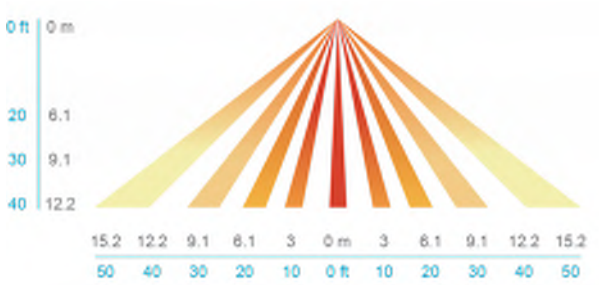
PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for a 1.5 G vibration load per ANSI C136.31. WITH Vibration rated per ANSI C136.31: 3G Mountings: SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

© 2018-2019 Acuity Brands Lighting, Inc. All rights reserved.

W1

WDGE1 LED
Architectural Wall Sconce

Catalog Number

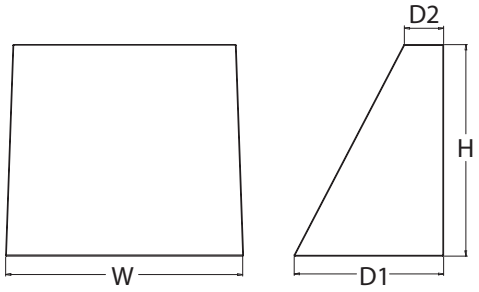
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1): 5.5″
Depth (D2): 1.5″
Height: 8″
Width: 9″
Weight: (without options) 9 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

WDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P1 P2	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K[1] 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347[2]	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[5] **Shipped separately** AWS 3/8inch Architectural wall spacer BBW Surface-mounted back box PBBW Premium surface-mounted back box (top, left, right conduit entry)

Options

E4WH[3]	Emergency battery backup, CEC compliant (4W, 0°C min)
PE[4]	Photocell, Button Type
DS	Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)
DMG	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
BCE	Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.

Finish

DDBXD	Dark bronze	DDBTXD	Textured dark bronze
DBLXD	Black	DBLBXD	Textured black
DNAXD	Natural aluminum	DNATXD	Textured natural aluminum
DWHXD	White	DWHGXD	Textured white
DSSXD	Sandstone	DSSTXD	Textured sandstone

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE1PBBW DDBXD U	WDGE1 Premium surface-mounted back box (specify finish)
WSBBW DDBXD U	Surface - mounted back box (specify finish)

NOTES

1. 50K not available in 90CRI.
2. 347V not available with E4WH, DS or PE.
3. E4WH not available with PE or DS.
4. PE not available with DS.
5. Not qualified for DLC. Not available with E4WH.

© 2019-2020 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	10W	VF	1,120	112	0	0	0	1,161	116	0	0	0	1,194	119	0	0	0	1,227	123	0	0	0	1,235	123	0	0	0
		VW	1,122	112	0	0	0	1,163	116	0	0	0	1,196	120	0	0	0	1,229	123	0	0	0	1,237	124	0	0	0
P2	15W	VF	1,806	120	1	0	0	1,872	125	1	0	0	1,925	128	1	0	0	1,978	132	1	0	0	1,992	133	1	0	0
		VW	1,809	120	1	0	0	1,876	125	1	0	0	1,929	128	1	0	0	1,982	132	1	0	0	1,996	133	1	0	0

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

© 2019-2020 Acuity Brands Lighting, Inc. All rights reserved.

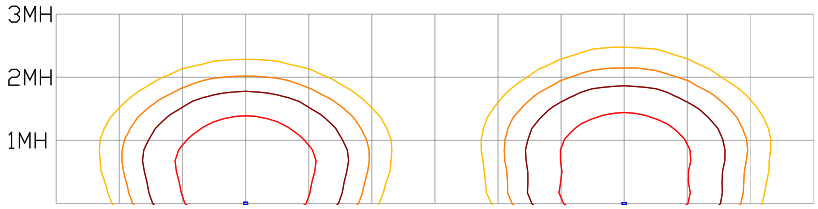
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc

MH = 8ft
Grid = 8ft x 8ft



WDGE1 LED P2 40K 80CRI VW

WDGE1 LED P2 40K 80CRI VF

Emergency Egress Options

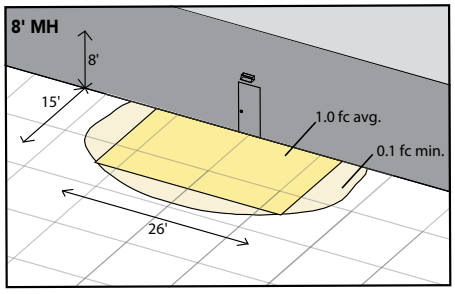
Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

Grid = 10ft x 10ft

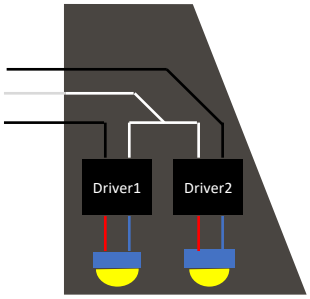


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



© 2019-2020 Acuity Brands Lighting, Inc. All rights reserved.

Mounting, Options & Accessories

E4WH – 4W Emergency Battery Backup

D = 5.5″

H = 8″

W = 9″

PBBW – Premium Back Box

D = 1.75″

H = 8″

W = 9″

BBW – Standard Back Box

D = 1.5″

H = 4″

W = 5.5″

AWS – 3/8inch Architectural Wall Spacer

D = 0.38″

H = 4.4″

W = 7.5″

FEATURES & SPECIFICATIONS

INTENDED USE
Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION
The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH
Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8″ Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

© 2019-2020 Acuity Brands Lighting, Inc. All rights reserved.