

PROPOSED RENOVATION FOR:

RIDGEWOOD POOL

5109 BARTON ROAD
MADISON, WI 53711

PLAN COMMISSION - LAND USE SUBMITTAL

OWNER

RIDGEWOOD POOL, INC.
Barton Road
Madison, WI 53711
ridgewoodpool.com

RIDGEWOOD BUILDING COMMITTEE

Scott Stewart, Chair
Travis Schreiber
Tony Martinelli
John McCartney
Ted Osthelder

RIDGEWOOD FUNDRAISING

ED NEBBINS FOUNDATION
PO Box 930248
Verona, WI 53593-2270
608-571-4524
ednebbinsfoundation.org

DRAWING INDEX

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**PROGRESS PLANS
NOT FOR CONSTRUCTION**

SITE INFORMATION

ZONING: SR-C1
 PROPERTY AREA: 118,358 SF
 FRONTAGE: 396' ALONG BARTON ROAD
 SETBACK - NORTH: 30'
 SETBACK - SOUTH: 27.5'
 SETBACK - EAST: 6'
 SETBACK - WEST: 6'
 OPEN SPACE, MIN.: N/A
 BUILDING HEIGHT, MAX.: 35'
 MINIMUM LOT SIZE: 8000 SF
 MINIMUM LOT WIDTH: 60'
 MAX. LOT COVERAGE: 60%
 MAX. BUILDING COVERAGE: 50%
 PARKING - VEHICULAR: BY ZONING ADMINISTRATOR
 PARKING - BICYCLE: BY ZONING ADMINISTRATOR

GENERAL CONTRACTOR

J.H. FINDORFF & SON INC.
300 South Bedford Street
Madison, Wisconsin 53703
Findorff.com
Contact: John Feller

ARCHITECT

BARNETT ARCHITECTURE LLC
118 N. Breese Terrace Suite I
Madison, WI 53726
barnettarchitecture.com
Contact: Todd Barnett, RA ALA

POOL DESIGNER/ENGINEER

RAMAKER ASSOCIATES
855 Community Drive
Sauk City, WI 53583
ramaker.com
Contact: Nick Deines, PE

CIVIL ENGINEER

DC ENGINEERING in collaboration with
CARRICO ENGINEERING
8383 Greenway Blvd., Suite 600
Middleton, WI 53562
dcengineering.net
Contact: Steve Whayland, PE, LEED AP

STRUCTURAL ENGINEER

FINK HOREJSH, LLC
PO Box 52
141 N. Main Street
Monticello, WI 53570
finkhorejsh.com
Contact: Derek Horejsh, PE

LANDSCAPE ARCHITECT

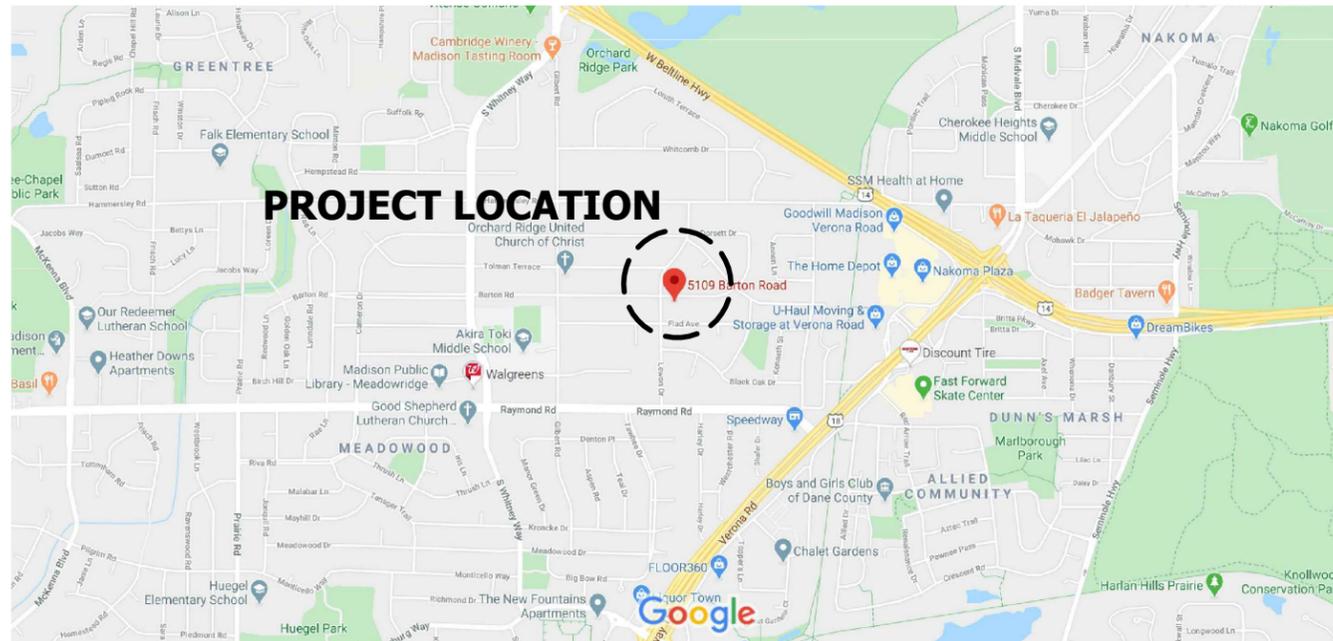
design studio, etc.
330 West Lakeside Street
Madison, WI 53715
Contact: Garret Perry, LA

SURVEYOR

WILLIAMSON SURVEYING AND ASSOCIATES, LLC
104 A West Main Street
Wauwaukee, WI 53597
williamsonsurveying.com
Contact: Noa Prieve, RLS

SOILS TESTING

CGC, INC.
2921 Perry Street
Madison, WI 53713
cgc.net
Contact: Tim Gassenheimer, PE



LOCATION MAP



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SUITE I
MADISON, WISCONSIN 53726
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PROPOSED RENOVATION

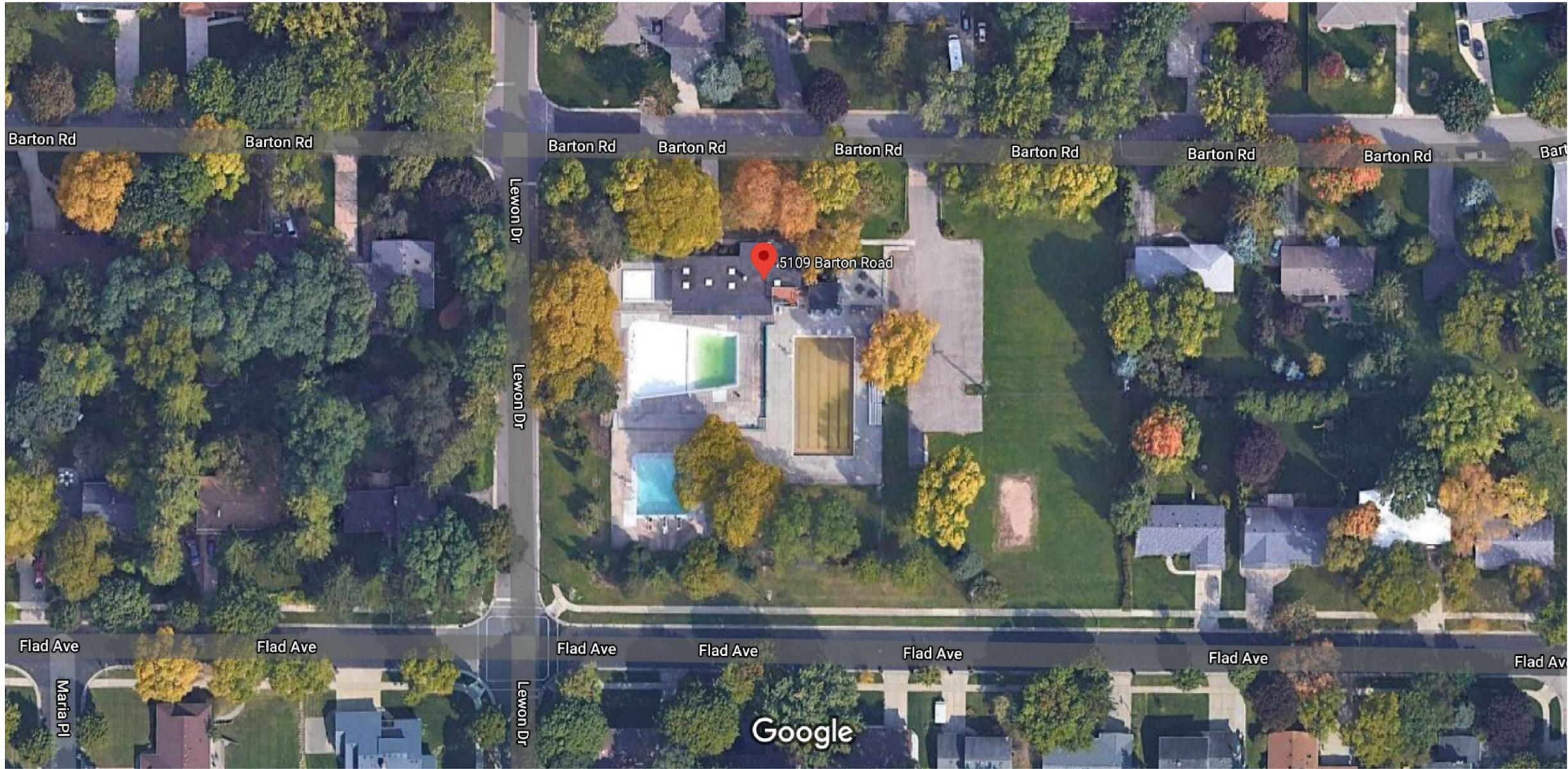
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AERIAL



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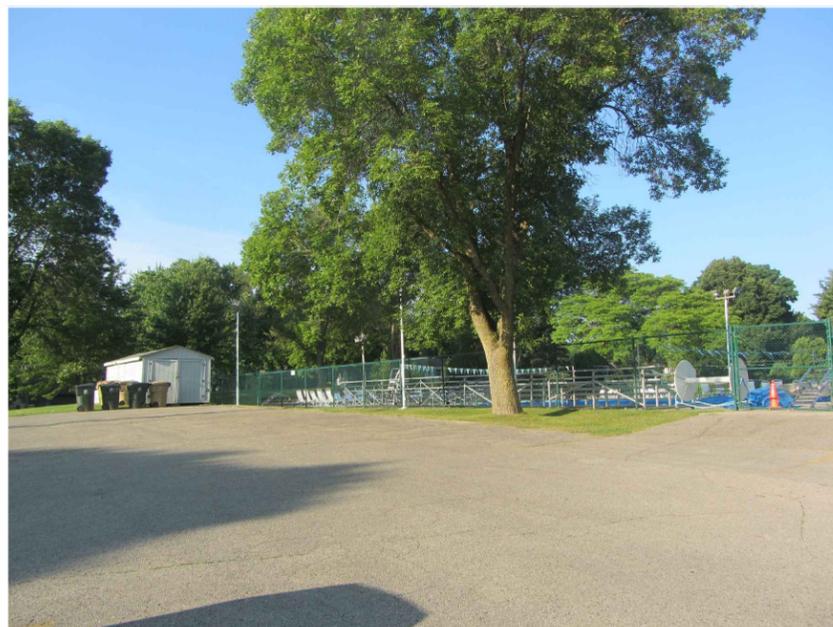
POOL HOUSE FROM NORTH-WEST



POOL DECK AND POOL HOUSE FROM EAST



DIVING VESSEL FROM WEST



PARKING LOT FROM NORTH-EAST



POOL DECK AND POOL HOUSE FROM EAST



POOL DECK FROM SOUTH-EAST



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POOL HOUSE - GUARD ROOM



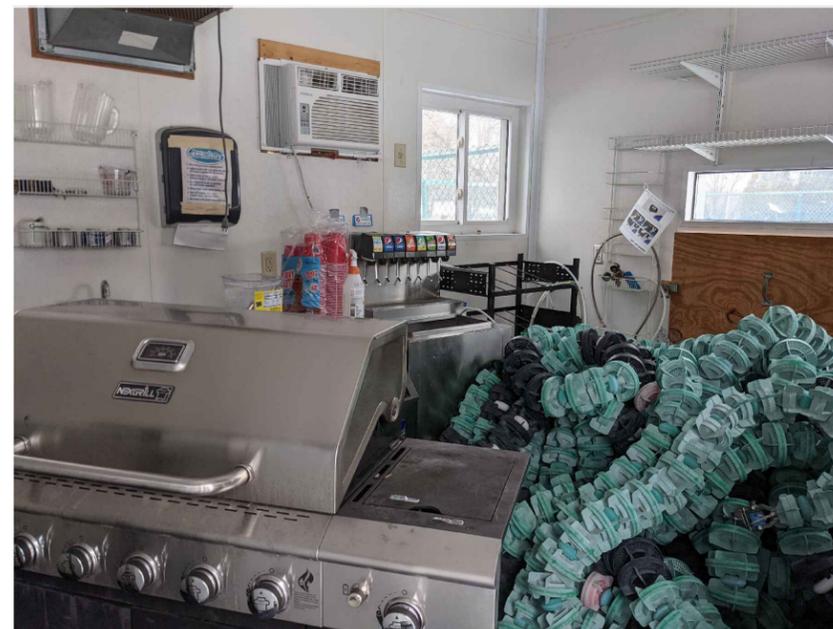
POOL HOUSE - LOCKER ROOM



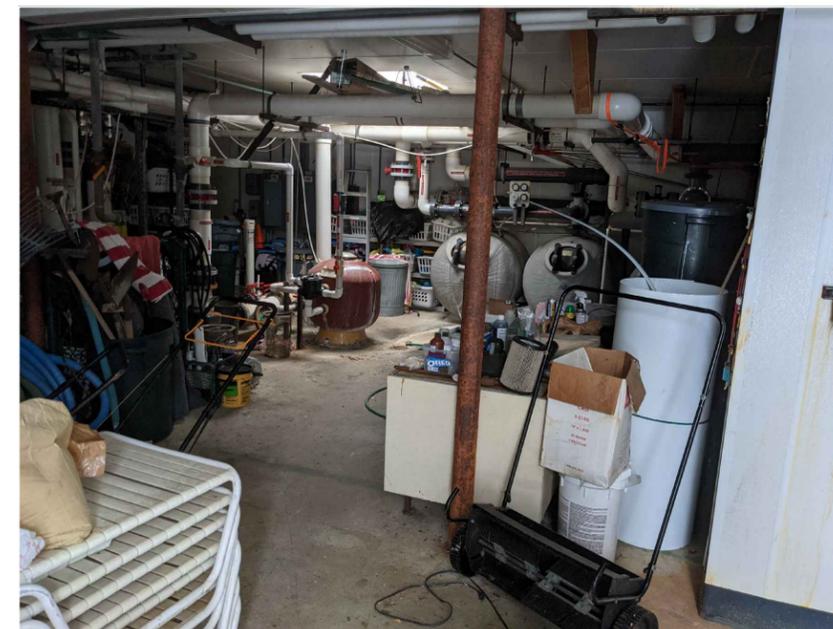
POOL HOUSE - LOCKER ROOM



POOL HOUSE - OFFICE



POOL HOUSE - SNACK ROOM



POOL HOUSE - EQUIPMENT ROOM



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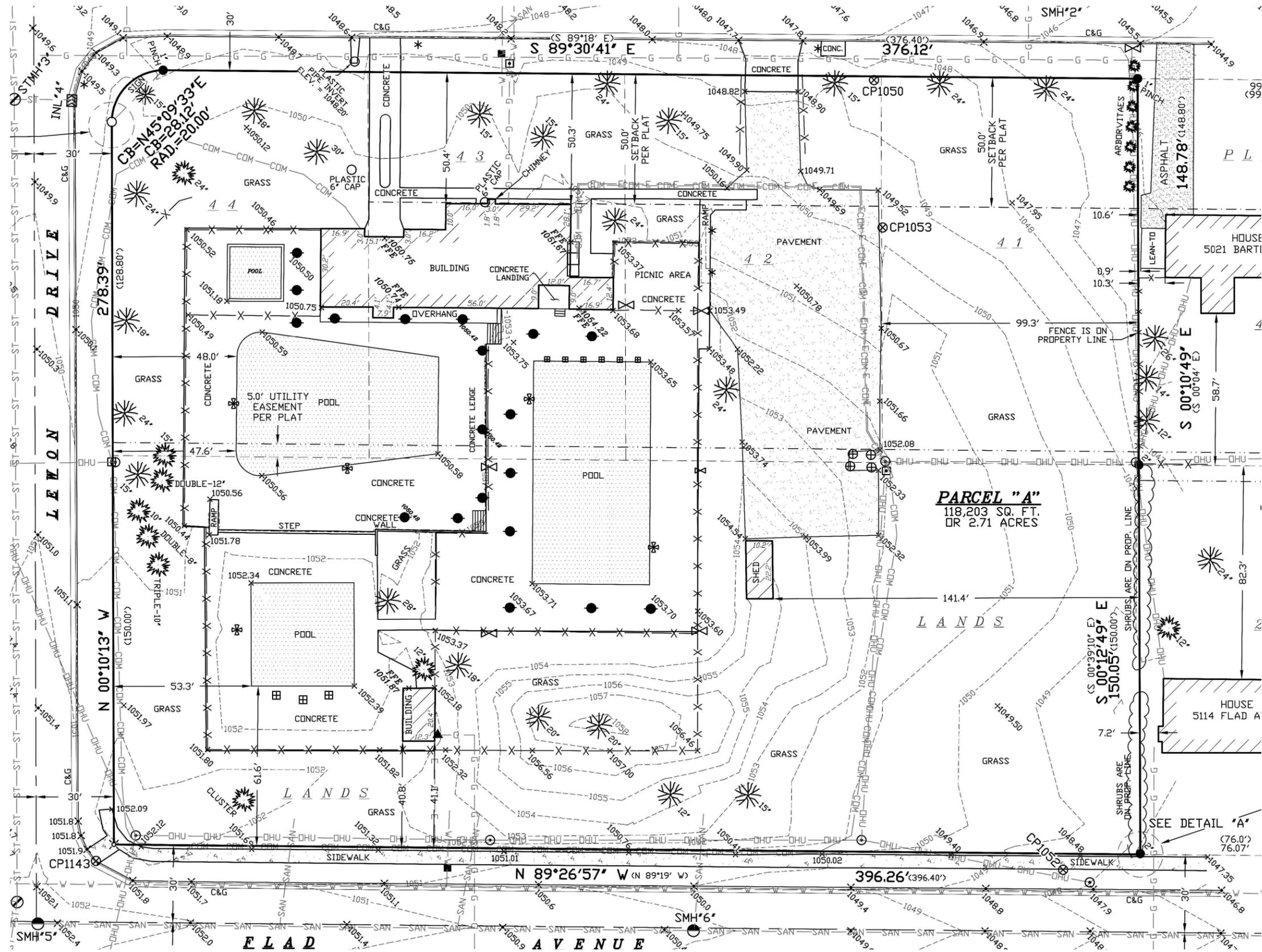
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N - plan



1 SURVEY - SITE PROPER

SCALE: 1" = 80'-0" @ 11" X 17"

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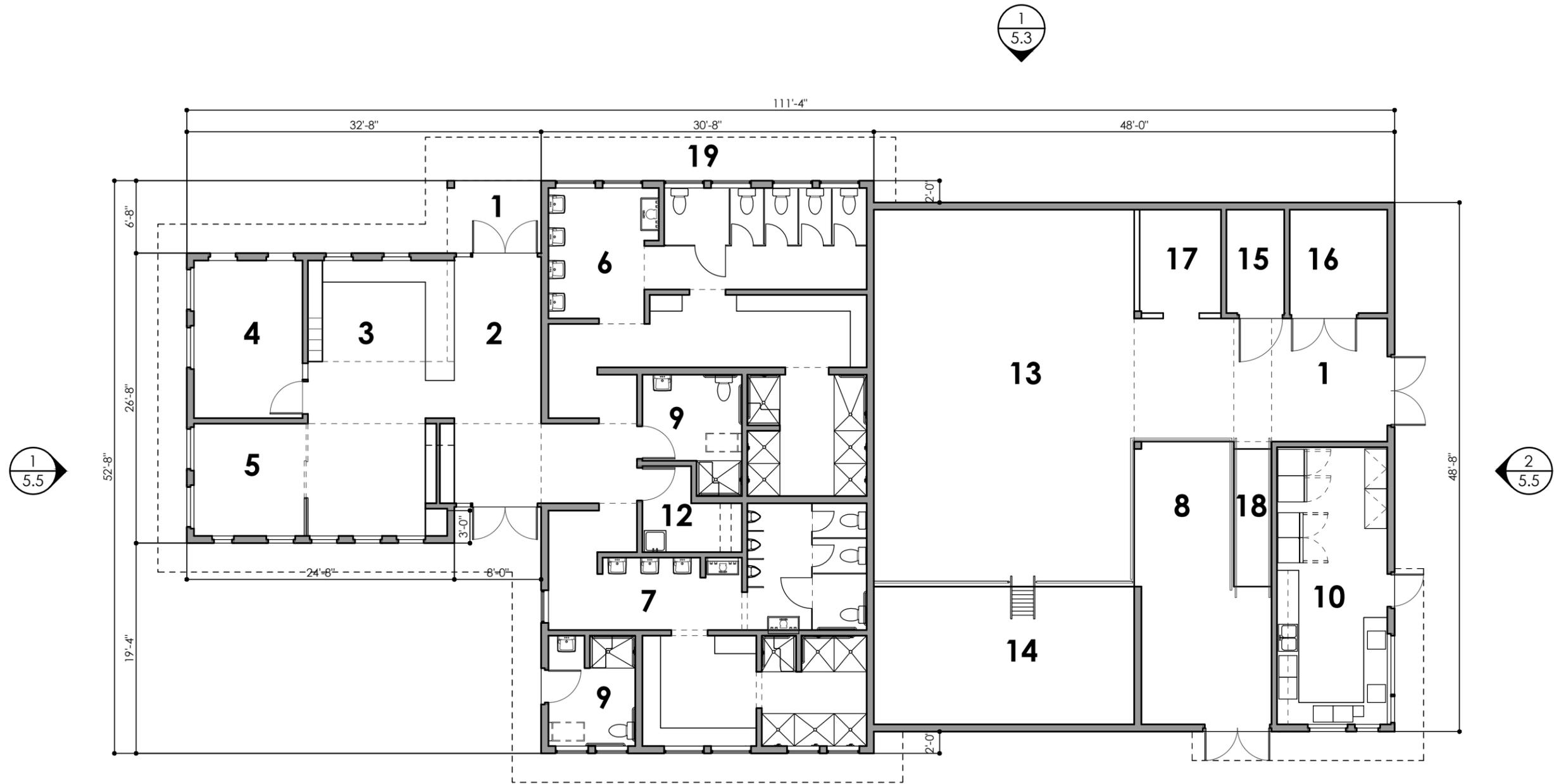
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LEGEND

- | | |
|-------------------|-----------------------|
| 1 COVERED ENTRY | 11 MECHANICAL |
| 2 ENTRY | 12 JANITOR |
| 3 GUARD | 13 POOL MECHANICAL |
| 4 COACH | 14 POOL EQUIPMENT PIT |
| 5 MANAGER | 15 CHLORINE |
| 6 WOMEN | 16 ACID |
| 7 MEN | 17 WORK AREA |
| 8 STORAGE | 18 RAMP |
| 9 FAMILY RESTROOM | 19 FRONT PORCH |
| 10 SNACK SHACK | |

1 POOL HOUSE PLAN

SCALE: 3/32" = 1'-0" @ 11"x17"



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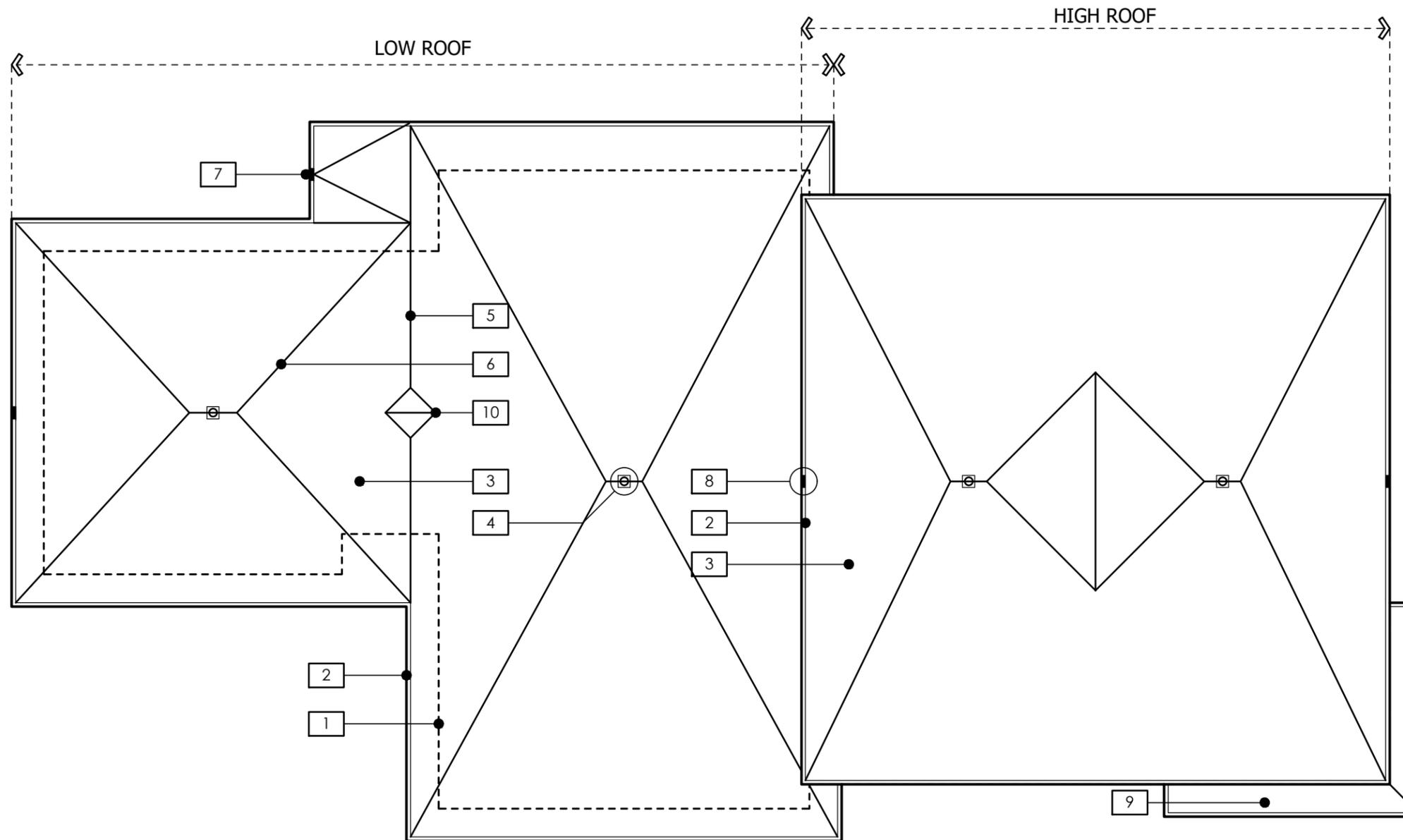
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NOTES

1. LINE OF WALL BELOW.
2. ROOF EDGE/METAL CAP.
3. FULLY ADHERED, SINGLE-PL 60 MIL. EPDM Y ROOF MEMBRANE.
4. ROOF DRAIN.
5. RIDGE.
6. VALLEY.
7. ACTIVE SCUPPER
8. OVERFLOW SCUPPER.
9. LOW ROOF AT SNACK SHACK (SELF-DRAINING AT EDGE).
10. OVERFLOW VALLEY.

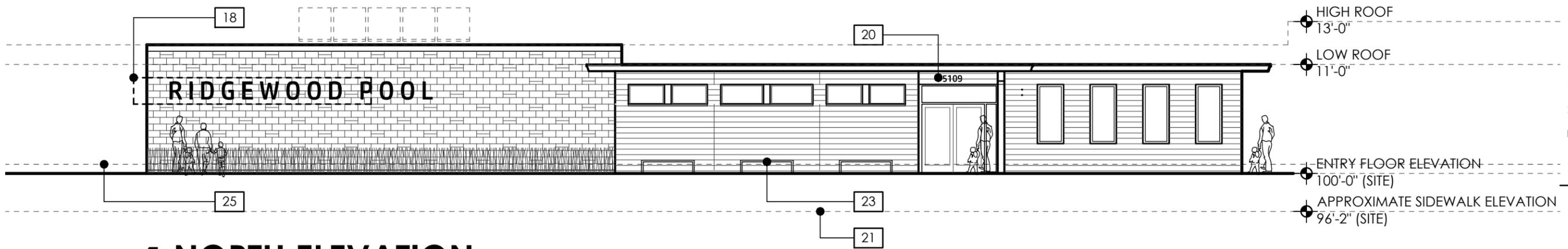
1 POOL HOUSE ROOF

SCALE: 3/32" = 1'-0" @ 11"x17"



N - plan





1 NORTH ELEVATION

SCALE: 3/32"=1'-0" @ 11"x17"



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KEYED NOTES

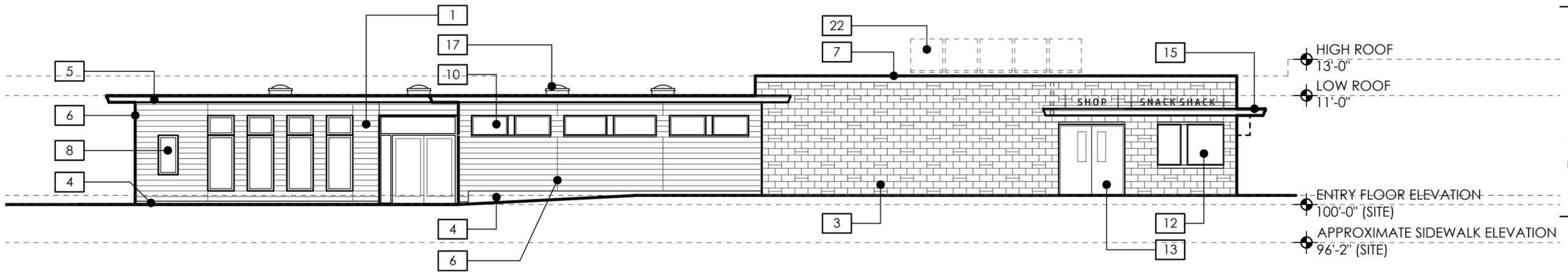
1. ENGINEERED WOOD LAP SIDING.
2. ENGINEERED WOOD TRIM/PANEL.
3. 8X8X16 CONCRETE MASONRY UNIT "BRICKS" (WITH OPTIONAL ACCENTS AS SHOWN).
4. EXPOSED CONCRETE CURB AT BASE OF WALL.
5. ENGINEERED WOOD TRIM FASCIA.
6. BRAKE-METAL SIDING CORNER/DIVIDER STRIP.
7. METAL COPING.
8. FIBERGLASS WINDOW.
9. ALUMINUM STOREFRONT AND WINDOW SYSTEM.
10. SCREENED OPENINGS SET IN FRAME/STOPS.
11. EXPOSED ENTRY STEEL COLUMN AND BEAM.
12. ALUMINUM SERVING WINDOW.
13. METAL SERVICE DOOR.
14. BRAKE-METAL FLASHING/CAP AT IRREGULAR DOOR HEAD/CONCRETE MASONRY UNIT COURSING.
15. SNACK SHACK ROOF ELEMENT.
16. LOUVER/GRILLE. LOCATIONS TO BE DETERMINED.
17. SKYLIGHTS BEYOND.
18. BUILDING SIGN (FLOATING ELEMENT AS OPTION). NOTE: SIGNAGE WILL NOT HAVE INTEGRAL LIGHTING.
19. ACCENT SIGN.
20. STREET NUMBER.
21. APPROXIMATE SIDEWALK ELEVATION.
22. (FUTURE) SOLAR PANELS.
23. (FUTURE) BENCHES.
24. CHAIN LINK FENCE.

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5.3



1 SOUTH ELEVATION

SCALE: 3/32"=1'-0" @ 11"x17"



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KEYED NOTES

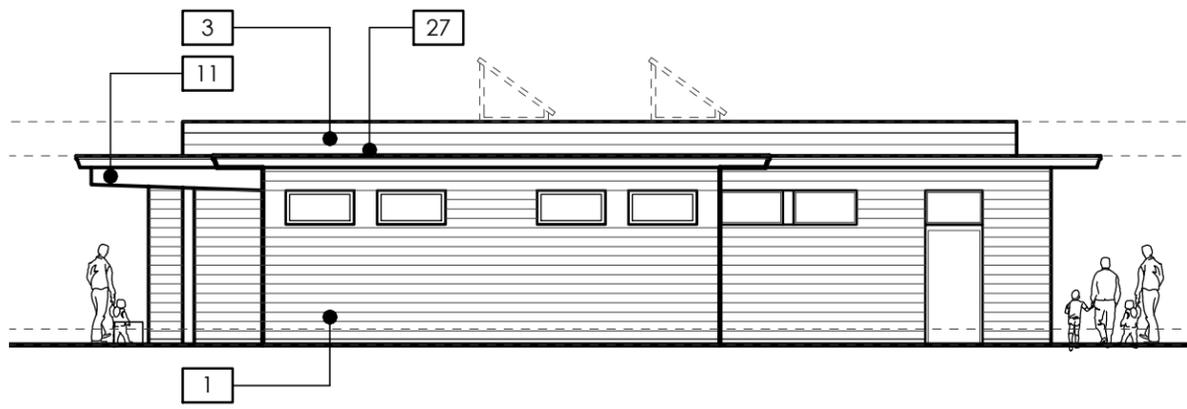
1. ENGINEERED WOOD LAP SIDING.
2. ENGINEERED WOOD TRIM/PANEL.
3. 8X8X16 CONCRETE MASONRY UNIT "BRICKS" (WITH OPTIONAL ACCENTS AS SHOWN).
4. EXPOSED CONCRETE CURB AT BASE OF WALL.
5. ENGINEERED WOOD TRIM FASCIA.
6. BRAKE-METAL SIDING CORNER/DIVIDER STRIP.
7. METAL COPING.
8. FIBERGLASS WINDOW.
9. ALUMINUM STOREFRONT AND WINDOW SYSTEM.
10. SCREENED OPENINGS SET IN FRAME/STOPS.
11. EXPOSED ENTRY STEEL COLUMN AND BEAM.
12. ALUMINUM SERVING WINDOW.
13. METAL SERVICE DOOR.
14. BRAKE-METAL FLASHING/CAP AT IRREGULAR DOOR HEAD/CONCRETE MASONRY UNIT COURSING.
15. SNACK SHACK ROOF ELEMENT.
16. LOUVER/GRILLE. LOCATIONS TO BE DETERMINED.
17. SKYLIGHTS BEYOND.
18. BUILDING SIGN (FLOATING ELEMENT AS OPTION). NOTE: SIGNAGE WILL NOT HAVE INTEGRAL LIGHTING.
19. ACCENT SIGN.
20. STREET NUMBER.
21. APPROXIMATE SIDEWALK ELEVATION.
22. (FUTURE) SOLAR PANELS.
23. (FUTURE) BENCHES.
24. CHAIN LINK FENCE.

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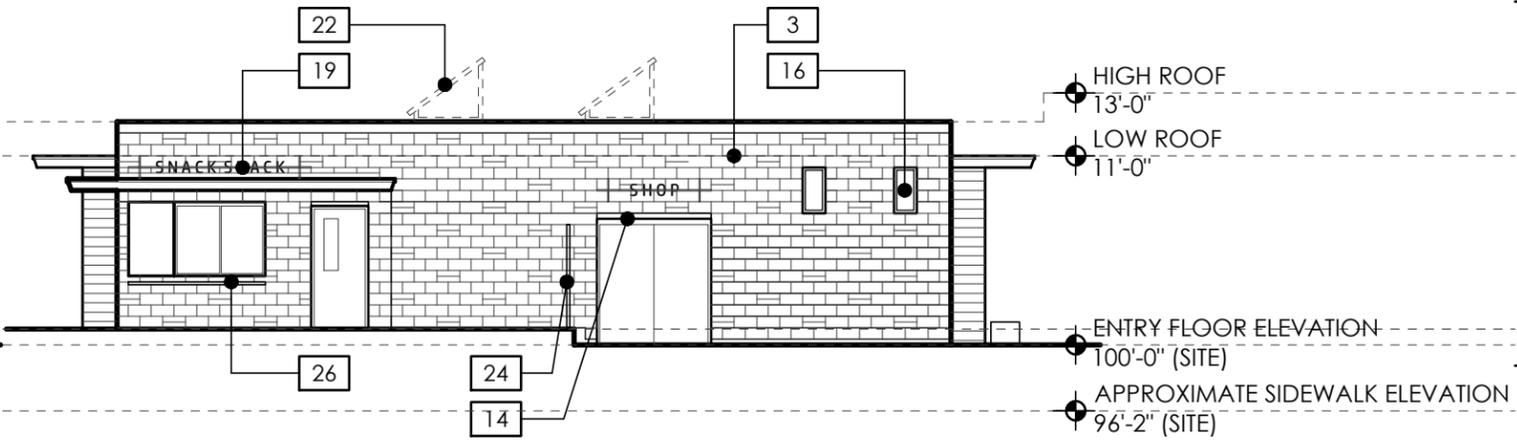


5.4



1 WEST ELEVATION

SCALE: 3/32"=1'-0" @ 11"x17"



2 EAST ELEVATION

SCALE: 3/32"=1'-0" @ 11"x17"

KEYED NOTES

1. ENGINEERED WOOD LAP SIDING. COLOR: EARTH TONE RANGE.
2. ENGINEERED WOOD TRIM/PANEL. COLOR: EARTH TONE RANGE.
3. 8" X 8" X 16" NOMINAL CONCRETE MASONRY UNIT "BRICKS" (WITH OPTIONAL ACCENTS AS SHOWN). COLOR: RED TONE RANGE.
4. EXPOSED CONCRETE CURB AT BASE OF WALL.
5. ENGINEERED WOOD TRIM FASCIA. COLOR: EARTH TONE RANGE.
6. BRASS-METAL SIDING CORNER/DIVIDER STRIP. COLOR: MATCH SIDING AS PRACTICAL.
7. METAL COPING.
8. FIBERGLASS WINDOW. COLOR: BLACK.
9. ALUMINUM STOREFRONT DOOR AND WINDOW SYSTEM. COLOR: BLACK.
10. SCREENED OPENINGS SET IN FRAME/STOPS. COLOR: BLACK.
11. EXPOSED ENTRY STEEL COLUMN AND BEAM. COLOR: MATCH MASONRY AS PRACTICAL.
12. ALUMINUM SERVING WINDOW. COLOR: BLACK.
13. METAL SERVICE DOOR. COLOR: MATCH MASONRY AS PRACTICAL.
14. BRASS-METAL FLASHING/CAP AT IRREGULAR DOOR HEAD/CONCRETE MASONRY UNIT COURSING. COLOR: BLACK.
15. SNACK SHACK ROOF ELEMENT.
16. LOUVER/GRILLE. LOCATIONS TO BE DETERMINED. COLOR: BLACK.
17. SKYLIGHTS BEYOND.
18. BUILDING SIGN (FLOATING ELEMENT AS OPTION). NOTE: SIGNAGE WILL NOT HAVE INTEGRAL LIGHTING.
19. ACCENT SIGN.
20. STREET NUMBER.
21. APPROXIMATE SIDEWALK ELEVATION.
22. (FUTURE) SOLAR PANELS.
23. (FUTURE) BENCHES.
24. CHAIN LINK FENCE.
25. LINE OF UPPER DECK SECTION BEYOND (UP APPROXIMATELY 11").
26. SERVING COUNTER.
27. FLASHING. COLOR: MATCH MASONRY AS PRACTICAL.



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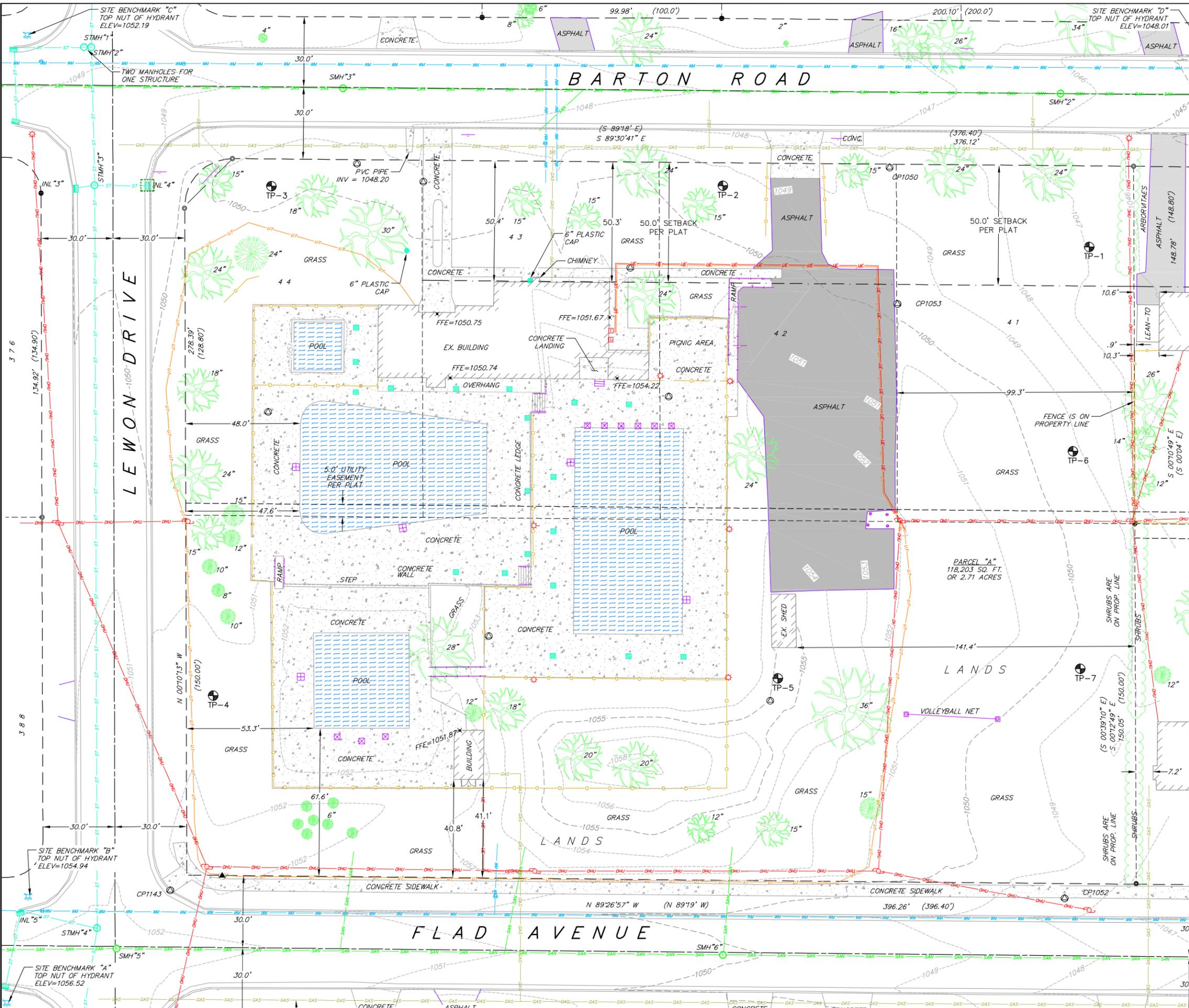
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11 Mar 2022 - 1:54p K:\Carrico Engineering\Projects\2019\190015 Ridgewood Pool - DC Engineering\CADD\190015_Base Engineering.dwg by Admin2\Fix



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GRAPHIC SCALE (FT)
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Engineering
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EXISTING CONDITIONS & TOPOGRAPHIC LINWORK/SYMBOL LEGEND

| | |
|--|--|
| | FOUND NAIL |
| | FOUND 1" Ø IRON PIPE |
| | FOUND 2" Ø IRON PIPE |
| | FOUND 3/4" Ø IRON ROD |
| | SET NAIL |
| | EXISTING BUILDING FINISH FLOOR ELEVATION |
| | EXISTING BOLLARD |
| | EXISTING POST |
| | EXISTING SIGN (TYPE NOTED) |
| | EXISTING CURB INLET |
| | EXISTING FIELD INLET RECTANGULAR |
| | EXISTING STORM MANHOLE |
| | 6" PLASTIC CAP/CLEAN-OUT |
| | EXISTING SANITARY MANHOLE |
| | EXISTING FIRE HYDRANT |
| | EXISTING WATER MAIN VALVE |
| | EXISTING GAS VALVE |
| | EXISTING GAS METER |
| | EXISTING ELECTRIC PEDESTAL |
| | EXISTING LIGHT POLE |
| | EXISTING UTILITY POLE |
| | EXISTING TELEPHONE PEDESTAL |
| | EXISTING CONIFEROUS TREE |
| | EXISTING DECIDUOUS TREE |
| | EXISTING BORING LOCATION |
| | EXISTING RIGHT-OF-WAY LINE |
| | EXISTING PROPERTY LINE |
| | EXISTING PROPERTY CENTERLINE |
| | EXISTING SETBACK LINE |
| | EXISTING UTILITY EASEMENT LINE |
| | EXISTING CURB AND GUTTER |
| | EXISTING UNDERGROUND COMMUNICATIONS |
| | EXISTING GENERAL FENCE |
| | EXISTING HAND RAIL |
| | EXISTING GAS LINE |
| | EXISTING UNDERGROUND ELECTRIC LINE |
| | EXISTING OVERHEAD GENERAL UTILITIES |
| | EXISTING SANITARY SEWER LINE |
| | EXISTING STORM SEWER LINE |
| | EXISTING EDGE OF TREES |
| | EXISTING WATER MAIN |
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | EXISTING ASPHALT PAVEMENT |
| | EXISTING CONCRETE PAVEMENT |
| | EXISTING BUILDING |
| | EXISTING POOL AREA |

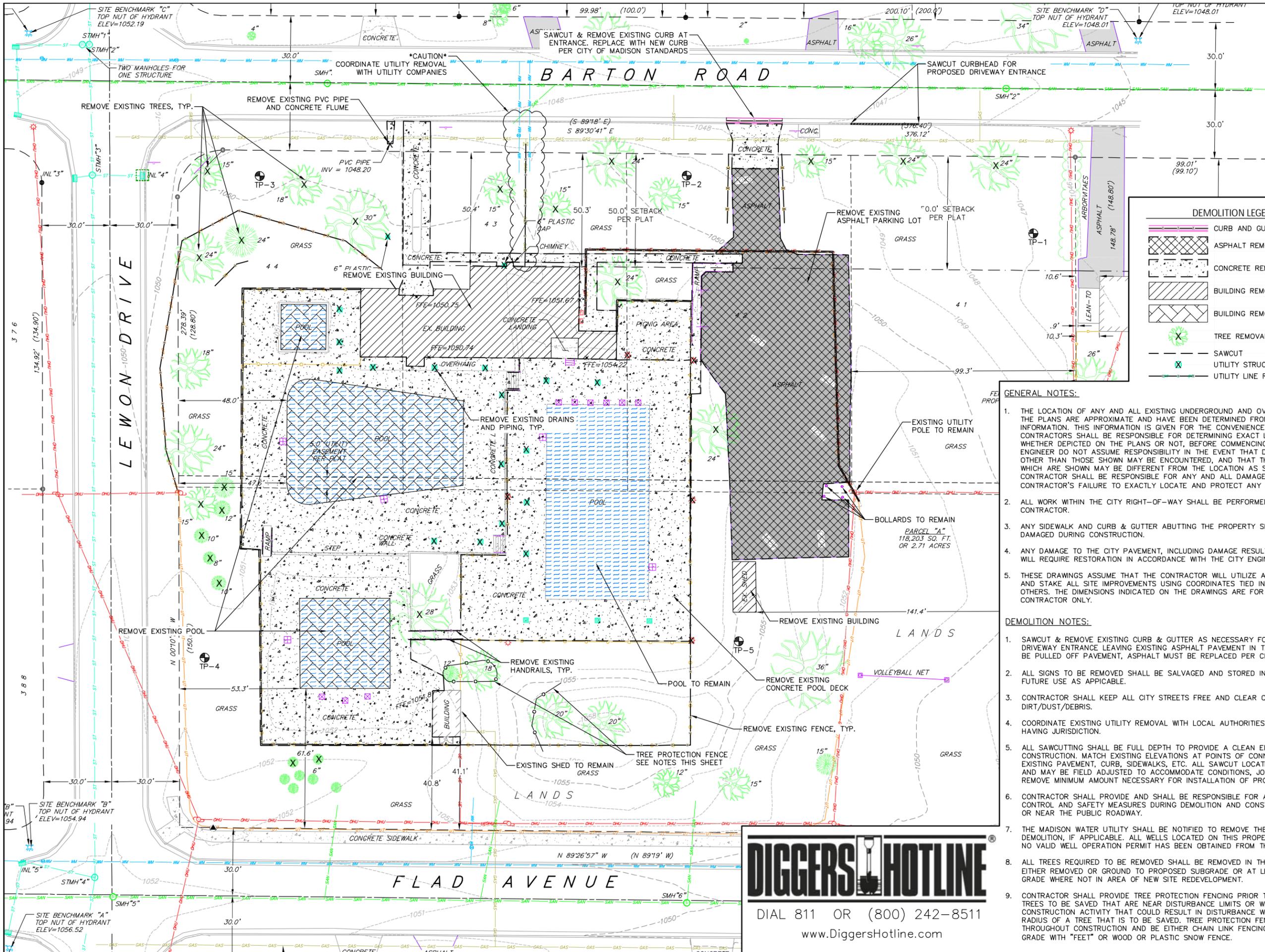
NOTES:

- TOPOGRAPHIC AND EXISTING CONDITIONS INFORMATION BASED ON SURVEY COMPLETED BY OTHERS DATED JUNE 25, 2015 AND APRIL 5, 2021.
- THE LOCATION OF ANY AND ALL EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE SURVEY BY OTHERS AND BY THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR.
- ALL INFORMATION SHALL BE FIELD VERIFIED BY CONTRACTOR. ALL DIMENSIONS AND LOCATIONS SHALL BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS. IF CONFLICTS EXIST THE USER OF THESE DRAWINGS SHALL CONTACT THE ENGINEER IMMEDIATELY.

Existing Conditions Plan
 Ridgewood Pool
 City of Madison
 Dane County, Wisconsin

| Revisions | | Description | |
|-----------|------|-------------|------|
| No. | Date | No. | Date |
| | | | |
| | | | |

| | |
|-------------|-----------|
| Scale: | AS SHOWN |
| Date: | 3/14/2022 |
| Drawn By: | ALC |
| Project No: | 190015 |
| Sheet No: | C1.0 |



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DEMOLITION LEGEND

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

- GENERAL NOTES:**
- THE LOCATION OF ANY AND ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION. THIS INFORMATION IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ANY UTILITIES, WHETHER DEPICTED ON THE PLANS OR NOT, BEFORE COMMENCING WORK. THE OWNER AND THE ENGINEER DO NOT ASSUME RESPONSIBILITY IN THE EVENT THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED, AND THAT THE ACTUAL LOCATION OF THOSE WHICH ARE SHOWN MAY BE DIFFERENT FROM THE LOCATION AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES THAT ARISE BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PROTECT ANY AND ALL UTILITIES.
 - ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR.
 - ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION.
 - ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING PATCHING CRITERIA.
 - THESE DRAWINGS ASSUME THAT THE CONTRACTOR WILL UTILIZE AN ELECTRONIC DRAWING FILE AND STAKE ALL SITE IMPROVEMENTS USING COORDINATES TIED INTO CONTROL POINTS SET BY OTHERS. THE DIMENSIONS INDICATED ON THE DRAWINGS ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY.

- DEMOLITION NOTES:**
- SAWCUT & REMOVE EXISTING CURB & GUTTER AS NECESSARY FOR REMOVAL OF EXISTING DRIVEWAY ENTRANCE LEAVING EXISTING ASPHALT PAVEMENT IN TACT. IF EXISTING CURB CANNOT BE PULLED OFF PAVEMENT, ASPHALT MUST BE REPLACED PER CITY OF MADISON REQUIREMENTS.
 - ALL SIGNS TO BE REMOVED SHALL BE SALVAGED AND STORED IN THE OWNER'S FACILITY FOR FUTURE USE AS APPICABLE.
 - CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
 - COORDINATE EXISTING UTILITY REMOVAL WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
 - ALL SAWCUTTING SHALL BE FULL DEPTH TO PROVIDE A CLEAN EDGE TO MATCH NEW CONSTRUCTION. MATCH EXISTING ELEVATIONS AT POINTS OF CONNECTION FOR NEW AND EXISTING PAVEMENT, CURB, SIDEWALKS, ETC. ALL SAWCUT LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO ACCOMMODATE CONDITIONS, JOINTS, MATERIAL TYPE, ETC. REMOVE MINIMUM AMOUNT NECESSARY FOR INSTALLATION OF PROPOSED IMPROVEMENTS.
 - CONTRACTOR SHALL PROVIDE AND SHALL BE RESPONSIBLE FOR ANY NECESSARY TRAFFIC CONTROL AND SAFETY MEASURES DURING DEMOLITION AND CONSTRUCTION OPERATIONS WITHIN OR NEAR THE PUBLIC ROADWAY.
 - THE MADISON WATER UTILITY SHALL BE NOTIFIED TO REMOVE THE WATER METER PRIOR TO DEMOLITION, IF APPLICABLE. ALL WELLS LOCATED ON THIS PROPERTY SHALL BE ABANDONED IF NO VALID WELL OPERATION PERMIT HAS BEEN OBTAINED FROM THE MADISON WATER UTILITY.
 - ALL TREES REQUIRED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS EITHER REMOVED OR GROUND TO PROPOSED SUBGRADE OR AT LEAST 4" BELOW FINISHED GRADE WHERE NOT IN AREA OF NEW SITE REDEVELOPMENT.
 - CONTRACTOR SHALL PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION FOR ANY TREES TO BE SAVED THAT ARE NEAR DISTURBANCE LIMITS OR WHENEVER THERE WILL BE CONSTRUCTION ACTIVITY THAT COULD RESULT IN DISTURBANCE WITHIN THE CRITICAL ROOT RADIUS OF A TREE THAT IS TO BE SAVED. TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND BE EITHER CHAIN LINK FENCING THAT ARE INSTALLED ON GRADE WITH "FEET" OR WOOD OR PLASTIC SNOW FENCE.



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Demolition Plan
Ridgewood Pool
City of Madison
Dane County, Wisconsin

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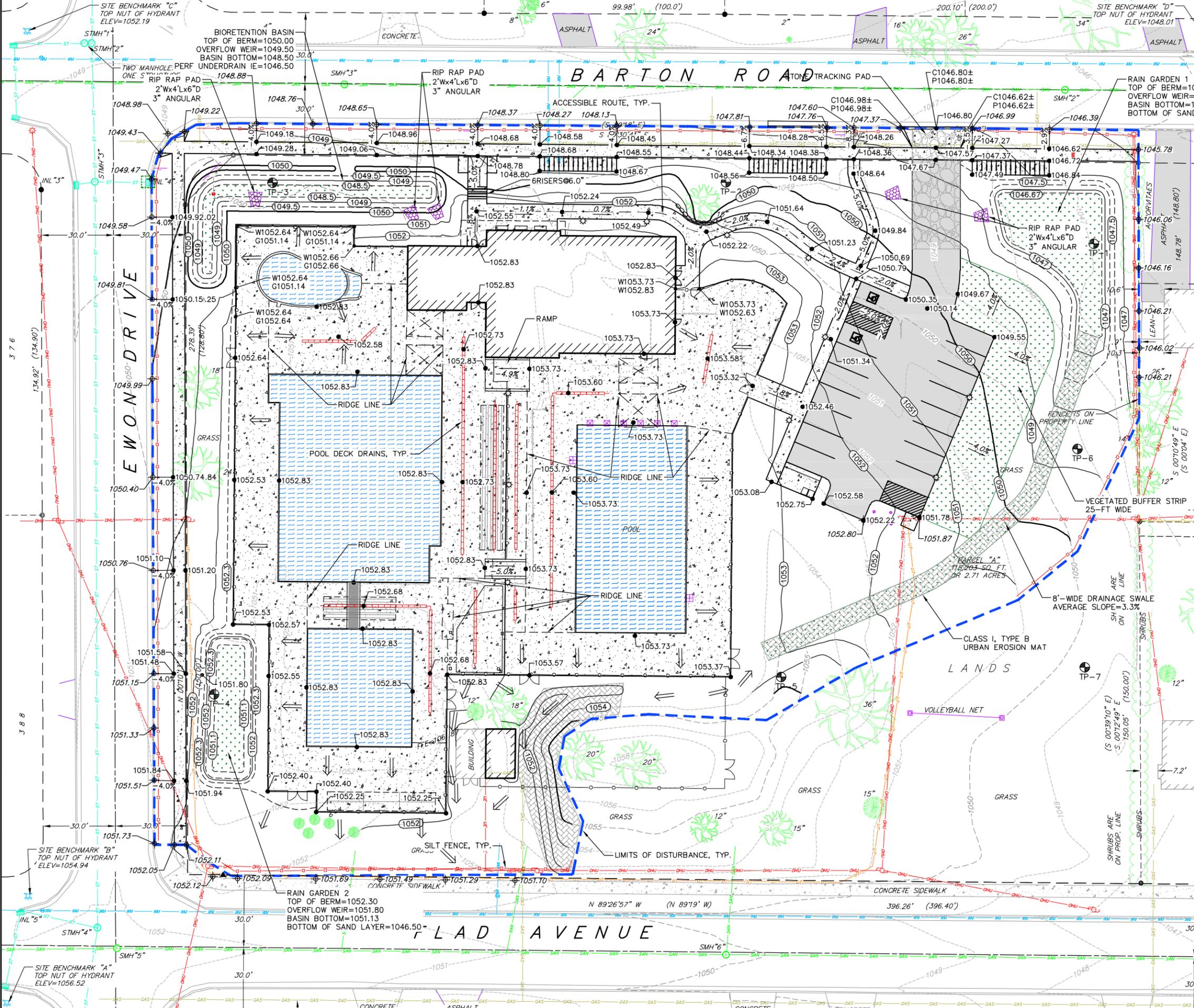
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Project No: 190015

Sheet No: C2.0

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GRADING & EROSION CONTROL LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- SILT FENCE
- DISTURBED LIMITS
- ACCESSIBLE ROUTE
- DRAINAGE DIRECTION
- PROPOSED SLOPE ARROWS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- INLET PROTECTION
- EROSION MAT CLASS I, TYPE B URBAN
- TRACKING PAD
- RIP RAP

ABBREVIATIONS

- C - BACK OF CURB ELEV.
- P - EDGE OF PAVEMENT ELEV.
- FF - FINISHED FLOOR ELEV.
- W - EDGE OF SIDEWALK ELEV.
- T/W - TOP OF WALL ELEV.
- B/W - BOTTOM OF WALL ELEV.
- G - GROUND ELEV.

ACCESSIBLE ROUTE NOTES:

1. ACCESSIBLE ROUTES SHALL BE 5% MAX LONGITUDINAL SLOPE AND 2% MAX CROSS SLOPE.
2. ACCESSIBLE LOADING AREAS OR LANDINGS SHALL BE 2% MAX IN ANY DIRECTION.
3. RAMPS SHALL BE 8.33% MAX.

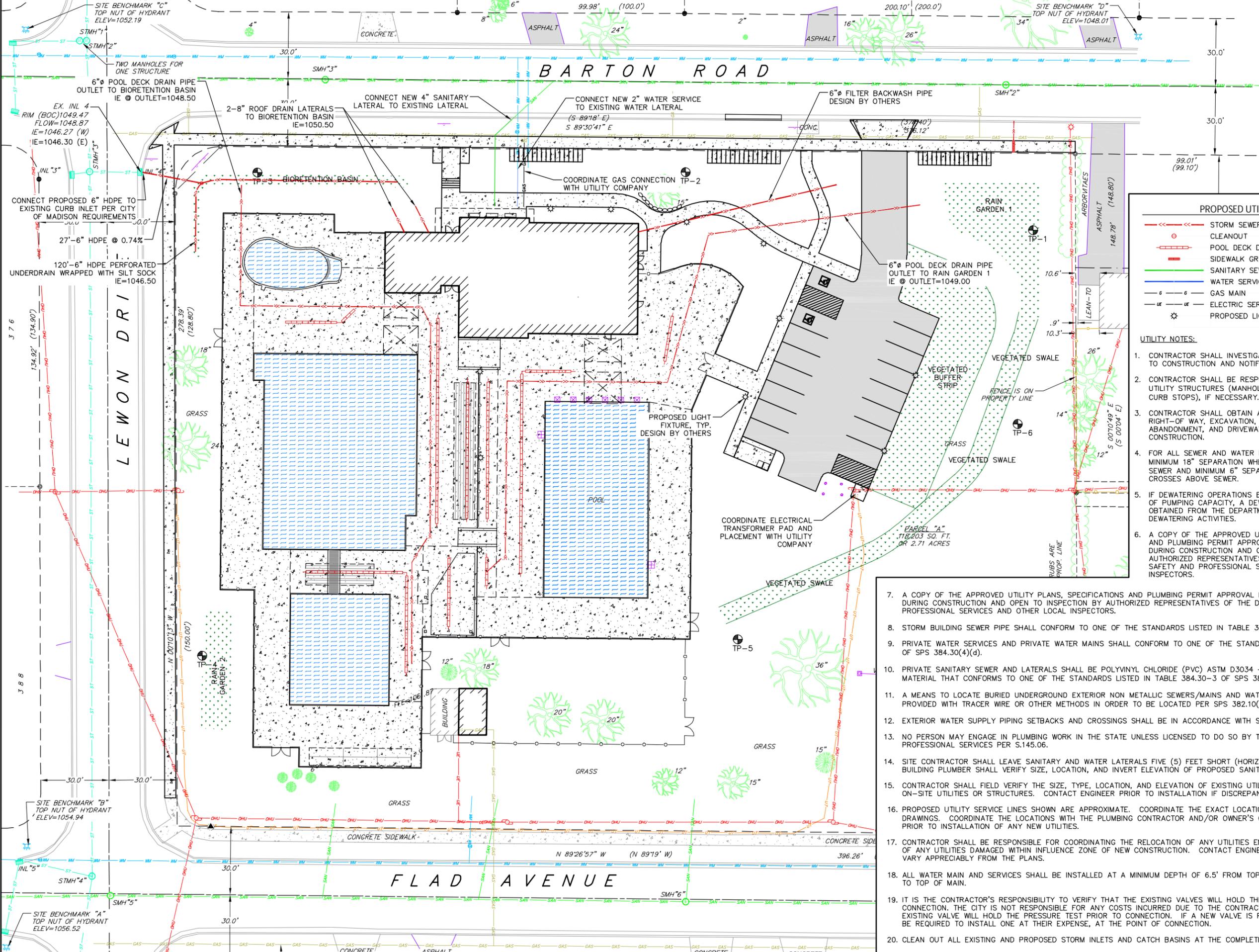
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Grading and Erosion Control Plan
Ridgewood Pool
City of Madison
Dane County, Wisconsin

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Project No: 190015
Sheet No: C3.0

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SITE BENCHMARK "C" TOP NUT OF HYDRANT ELEV=1052.19

SITE BENCHMARK "D" TOP NUT OF HYDRANT ELEV=1048.01

SITE BENCHMARK "B" TOP NUT OF HYDRANT ELEV=1054.94

SITE BENCHMARK "A" TOP NUT OF HYDRANT ELEV=1056.52

GRAPHIC SCALE (FT)

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PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- CLEANOUT
- POOL DECK DRAINS
- SIDEWALK GRATE DRAIN
- SANITARY SEWER LATERAL PIPE
- WATER SERVICE LATERAL PIPE
- GAS MAIN
- ELECTRIC SERVICE
- ⊙ PROPOSED LIGHT POLE

UTILITY NOTES:

- CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF-WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
- FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.

- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
- PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
- PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
- EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b).
- NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
- SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
- CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
- PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
- ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
- CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.

Utility Plan
Ridgewood Pool
City of Madison
Dane County, Wisconsin

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EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS.
3. INSTALL SEDIMENT CONTROL PRACTICES PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR CITY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
3. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
4. MAINTAIN AND UTILIZE EXISTING ASPHALT DRIVEWAY FOR CONSTRUCTION ENTRANCE. ONCE REMOVED, A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WISDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
5. **STABILIZED DISTURBED GROUND:** ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25- FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
6. **SITE DE-WATERING:** WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
7. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE CITY HAS ACCEPTED THE PROJECT.
8. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN OR THE DETENTION BASIN DETAIL SHEET.
9. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH.
10. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
11. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
12. EROSION MAT (CLASS I, TYPE B URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON THE BOTTOM (INVERT) OF SWALES AS SHOWN ON THIS PLAN, 1 ROLL WIDTH.
13. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
14. INSTALL MINIMUM 6'-7' WIDE EROSION MAT ALONG THE BACK OF CURB AFTER TOPSOIL HAS BEEN PLACED IN THE TERRACE IF THIS AREA WILL NOT BE SEEDED AND MULCHED WITHIN 48 HOURS OF PLACING TOPSOIL.
15. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET. SEE DETAILS.
16. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
17. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
18. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY PERMITTING MUNICIPALITY.
19. THE CITY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

CONSTRUCTION SEQUENCE:

1. INSTALL SILT FENCE PER PLAN
2. INSTALL INLET PROTECTION IN EXISTING STORM INLETS PER PLAN
3. PERFORM DEMOLITION OF SITE
4. ROUGH GRADE FOR BUILDING, POOL AREAS, AND PARKING LOT
5. CONSTRUCT NEW BUILDING AND POOL AREAS
6. CONSTRUCT UNDERGROUND UTILITIES
7. RESTORATION
8. REMOVE TRACKING PAD, SILT FENCE AND DIVERSION BERM MEASURES AFTER DISTURBED AREAS ARE RESTORED

SEEDING RATES:

TEMPORARY:

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

AFTER SEPTEMBER 15.

PERMANENT:

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

FERTILIZING RATES:

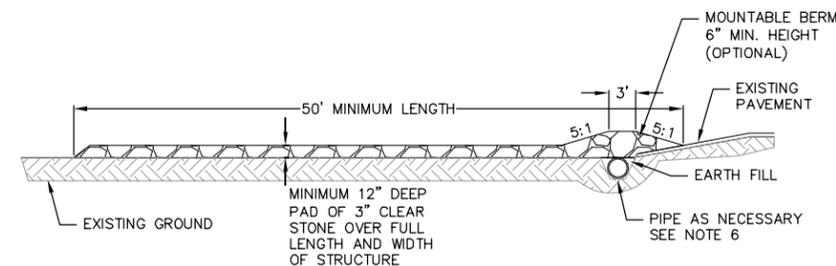
TEMPORARY AND PERMANENT:

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

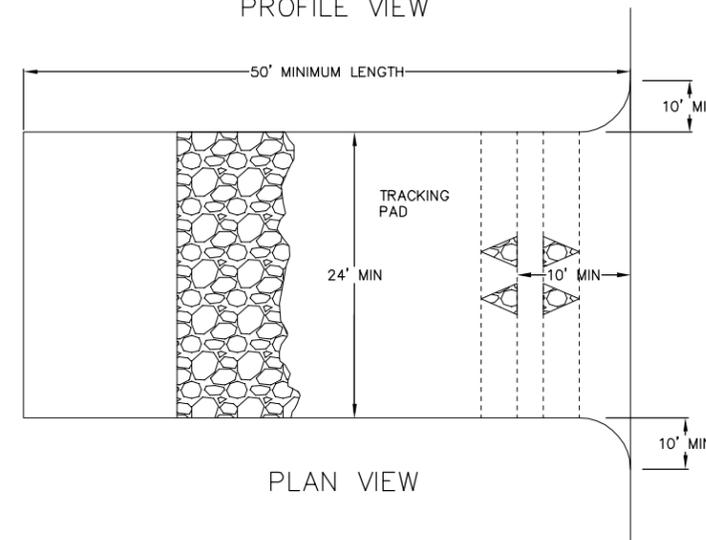
MULCHING RATES:

TEMPORARY AND PERMANENT:

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

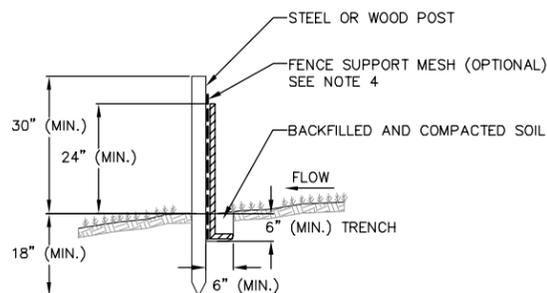


PROFILE VIEW



PLAN VIEW

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



NOTES:

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

1
C-6.0 SILT FENCE
NOT TO SCALE

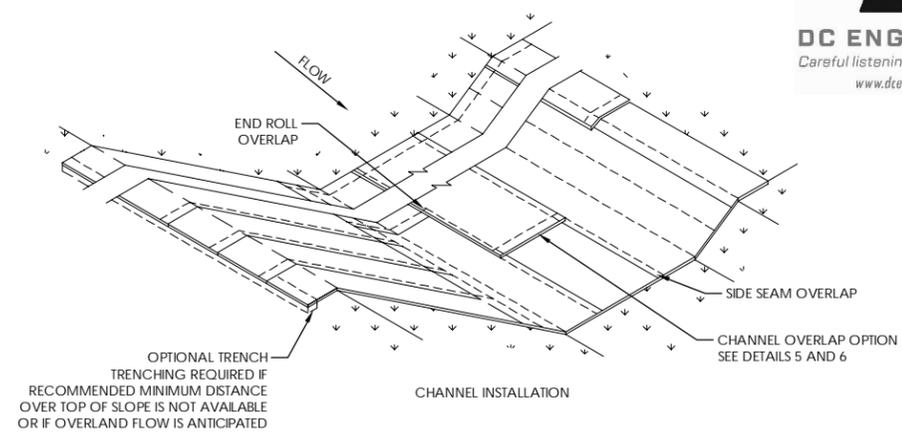
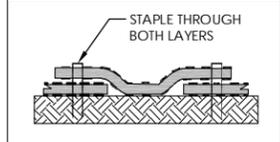
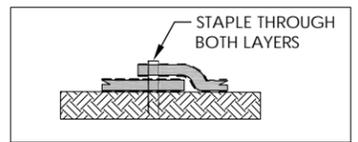
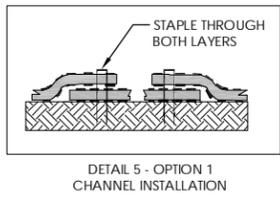
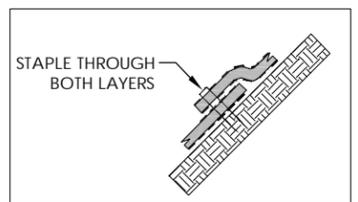
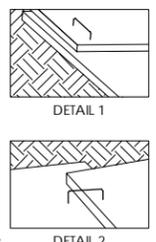
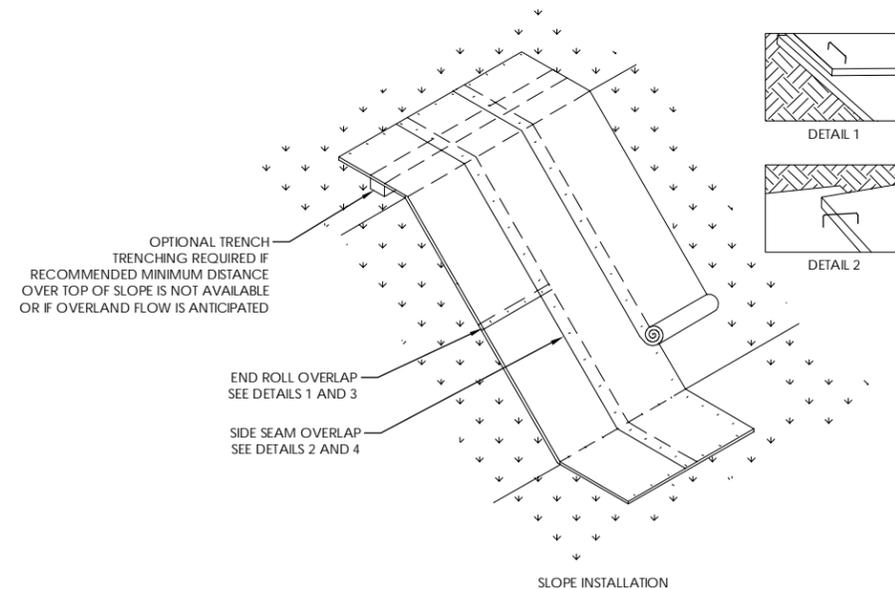
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Construction Details

Ridgewood Pool
City of Madison
Dane County, Wisconsin

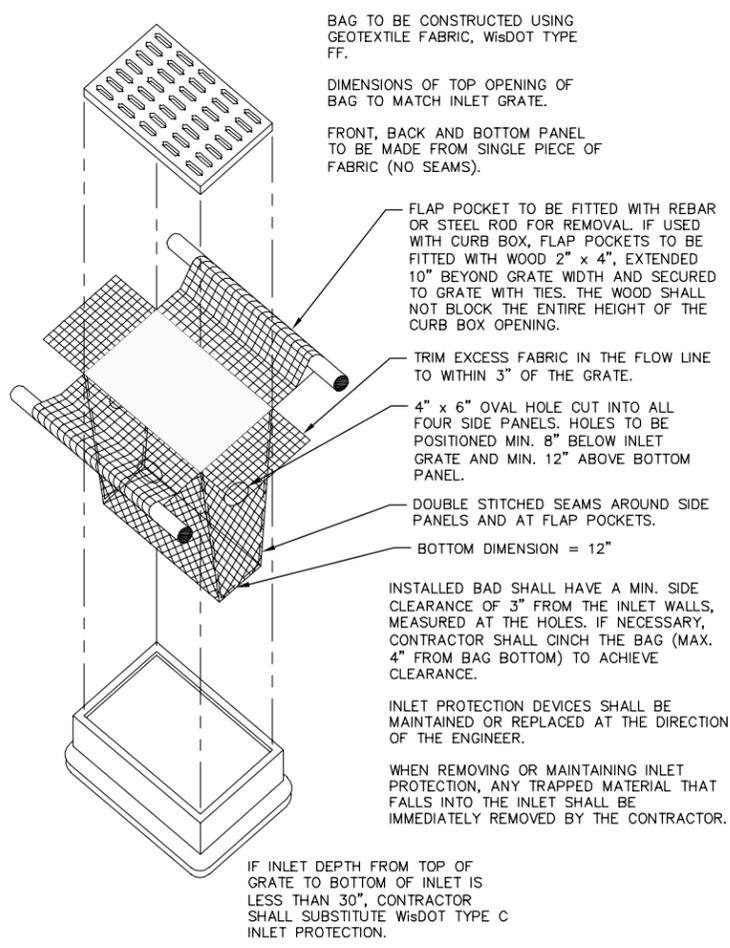
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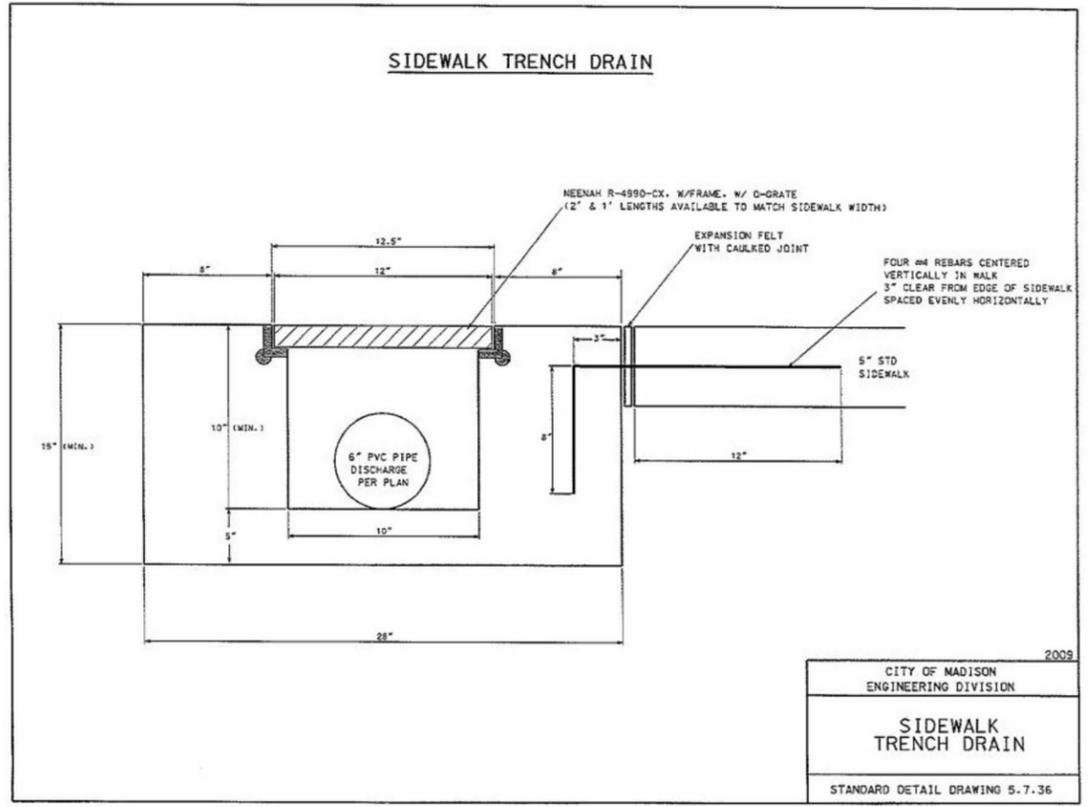


- NOTES:**
1. STAPLE PATTERNS ARE DEPENDENT UPON SLOPE CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS.
 2. STAPLES OF 11 GAUGE OR HEAVIER SHALL BE USED TO HOLD MATS AND NETS IN PLACE.
 3. STAPLES SHALL BE U-SHAPED WITH A 1-INCH CROWN.
 4. STAPLE LENGTHS ARE DETERMINED BASED ON SOIL CONDITION WITH MINIMUM LENGTH OF 6 INCHES FOR HIGHLY COMPACTED SOILS AND 10 INCHES FOR LOOSE OR SANDY SOILS.
 5. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR BOTH END AND EDGE OVERLAP LENGTH, APPROXIMATELY 2 INCHES.
 6. CONSIDER THE USE OF BIODEGRADABLE STAPLES IN LOCATIONS WHERE WIRE STAPLES ARE DETERMINED TO BE A RISK.

1 EROSION MAT DETAIL
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2 INLET PROTECTION TYPE D
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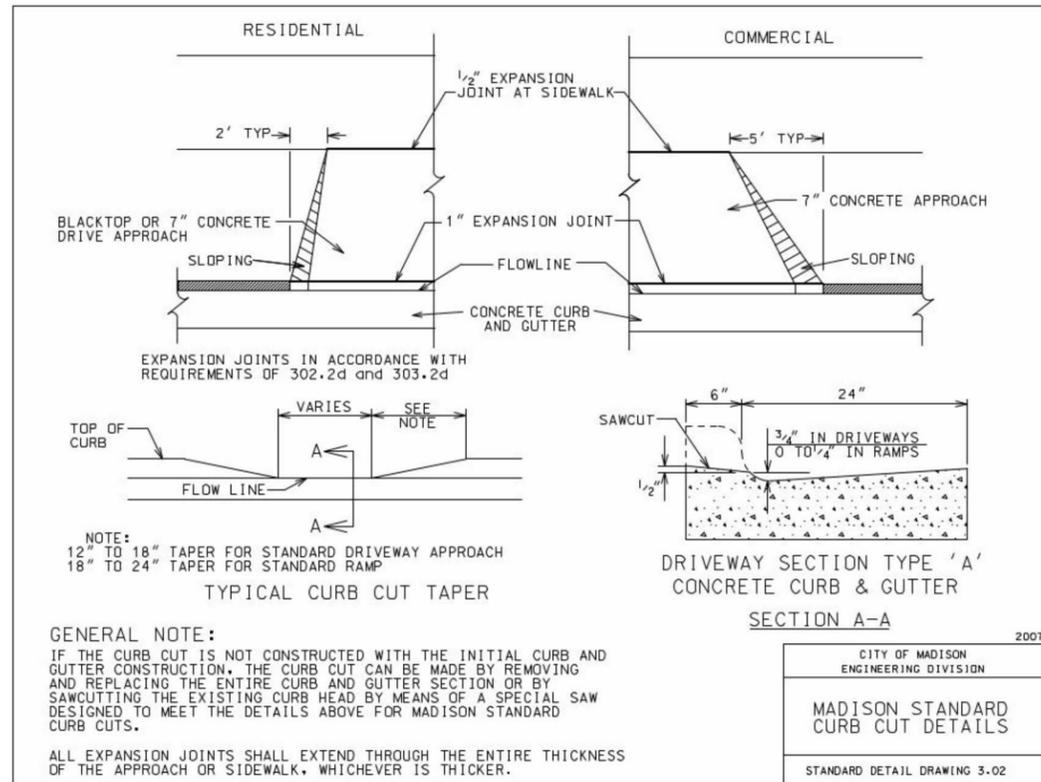


3 SIDEWALK TRENCH DETAIL
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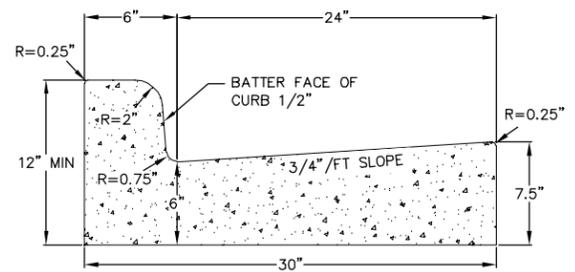
Construction Details
Ridgewood Pool
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Dane County, Wisconsin

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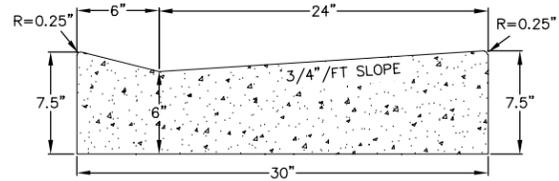
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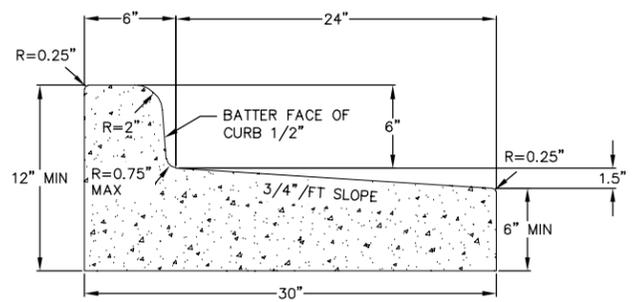
1 CURB CUT DETAIL
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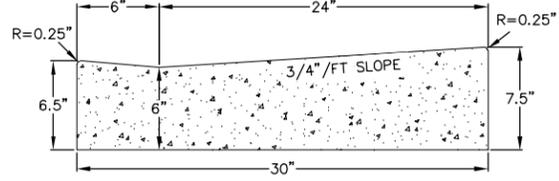
CURB AND GUTTER CROSS SECTION



DRIVEWAY GUTTER CROSS SECTION

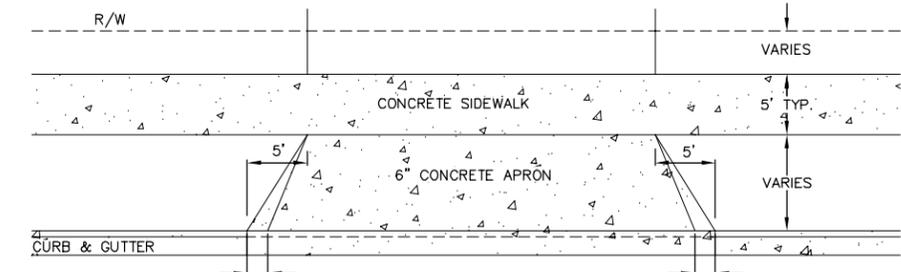


CURB AND GUTTER REJECT SECTION

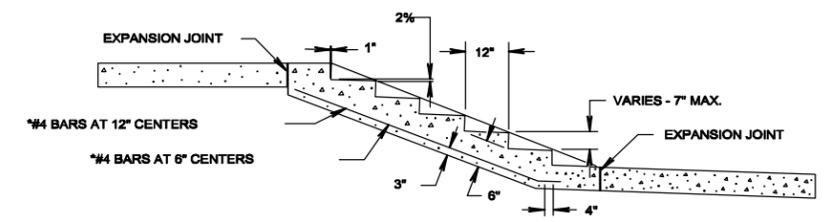


HANDICAP RAMP GUTTER CROSS SECTION

3 30\"/>

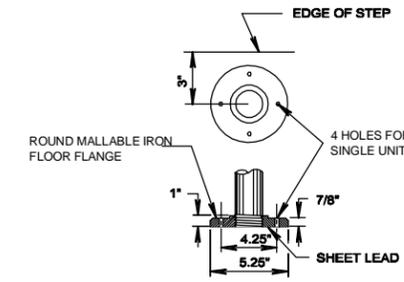


2 DRIVEWAY DETAIL
C-6.2 NOT TO SCALE

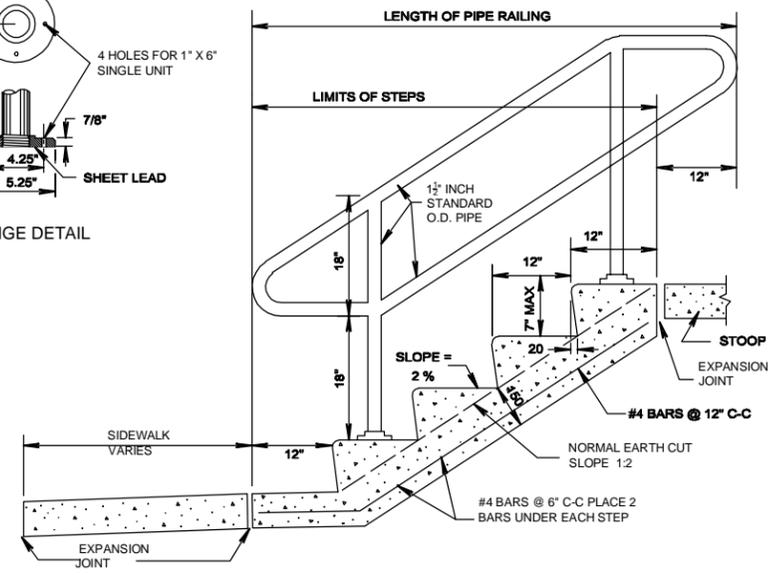


*BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3 INCHES CLEAR

SECTION A-A



FLANGE DETAIL



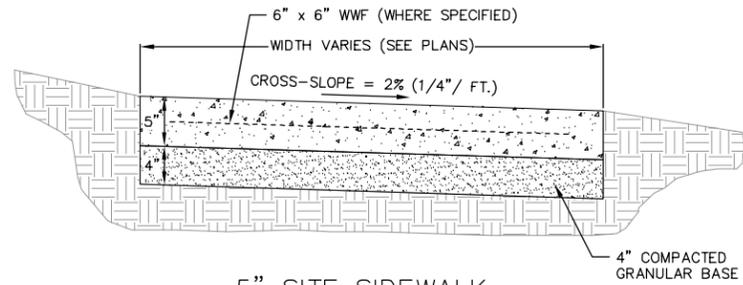
4 CONCRETE STAIRS
C-6.2 NOT TO SCALE

NOTE: THE EXACT LOCATION, WIDTHS, & NUMBER OF STEPS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. STEEL REINFORCEMENT AND PIPE RAILING NOT REQUIRED ON STEPS WITH 2 RISERS OR LESS. MINIMUM WIDTH OF STEP EQUALS 12\"/>

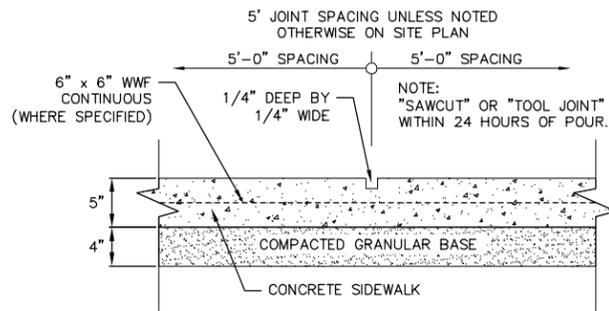
Construction Details
Ridgewood Pool
City of Madison
Dane County, Wisconsin

| Revisions No. | Date | Description |
|---------------|------|-------------|
| | | |
| | | |
| | | |

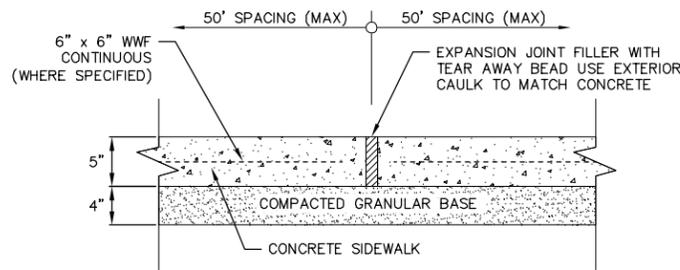
| | |
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| Scale: | AS SHOWN |
| Date: | 3/14/2022 |
| Drawn By: | ALC |
| Project No: | 190015 |
| Sheet No: | C6.2 |



5" SITE SIDEWALK

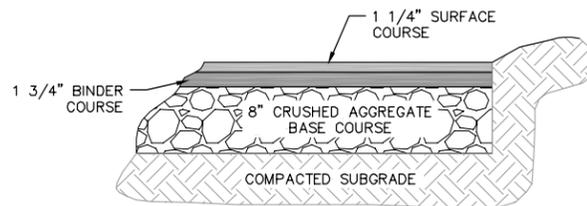


SIDEWALK CONTROL JOINT



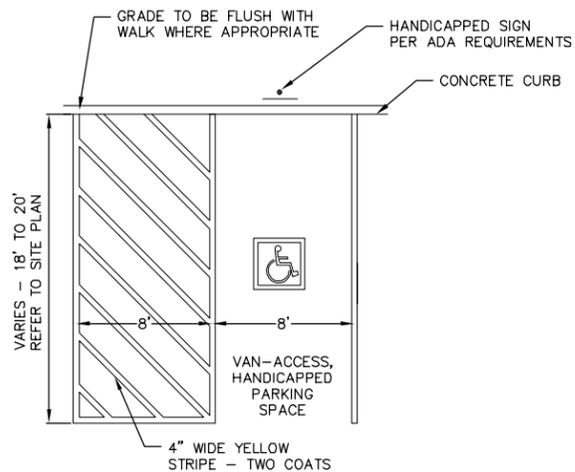
SIDEWALK EXPANSION JOINT

1 5" SIDEWALK
C-6.3 NOT TO SCALE

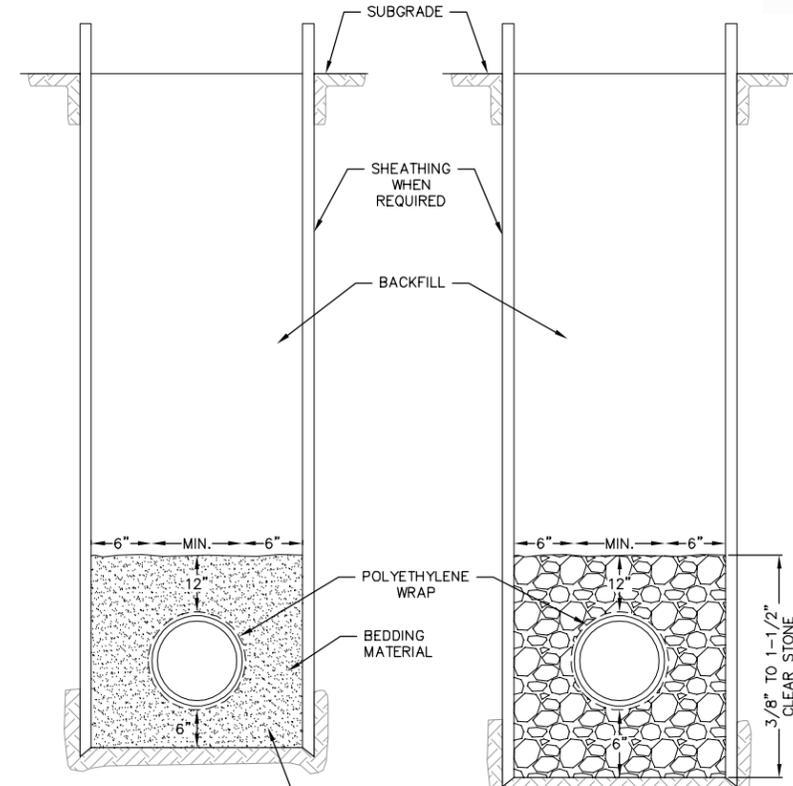


BITUMINOUS PAVEMENT
PARKING LOT

2 SITE PAVEMENT
C-6.3 NOT TO SCALE



3 HANDICAP STRIPING
C-6.3 NOT TO SCALE



DRY TRENCH CONDITION

BEDDING MATERIAL TO BE PLACED BEFORE SETTING PIPE - 6" MINIMUM UNDER BARREL WITH 5" UNDER BELL

WET OR UNSTABLE CONDITION

BEDDING MATERIAL

WATERMAIN:
3/8" TO 1/2" CRUSHED STONE, OR SAND

SANITARY SEWER:
3/8" TO 1-1/2" CLEAR STONE

STORM SEWER:
3/4" TO 1-1/2" CRUSHED STONE

4 STANDARD TRENCH SECTION
C-6.3 NOT TO SCALE

Construction Details
Ridgewood Pool
City of Madison
Dane County, Wisconsin

| Revisions | No. | Date | Description |
|-----------|-----|------|-------------|
| | | | |
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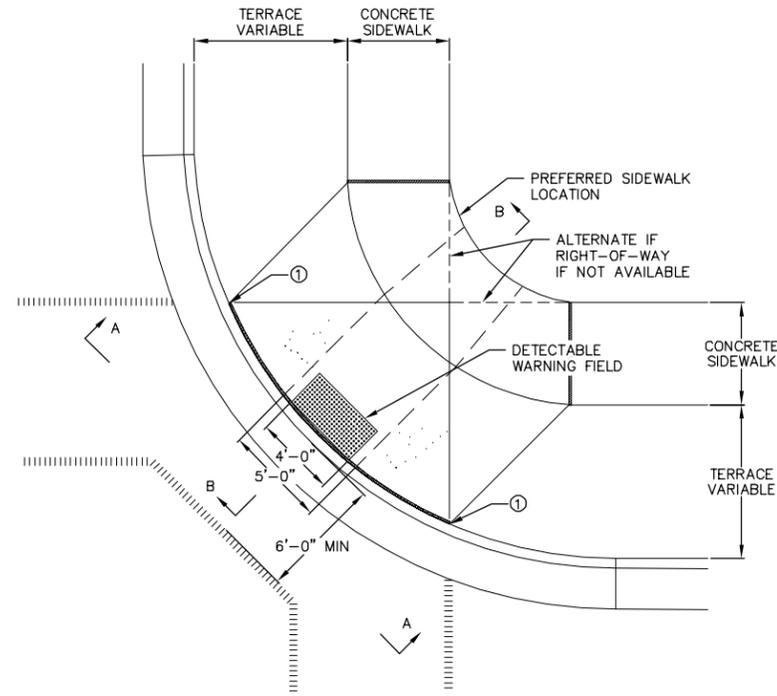
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Date: 3/14/2022

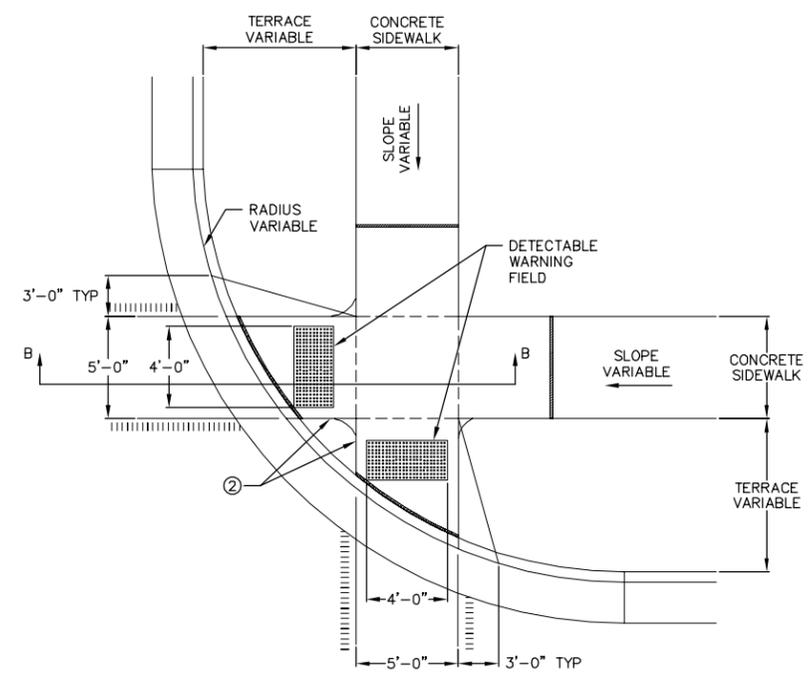
Drawn By: ALC

Project No: 190015

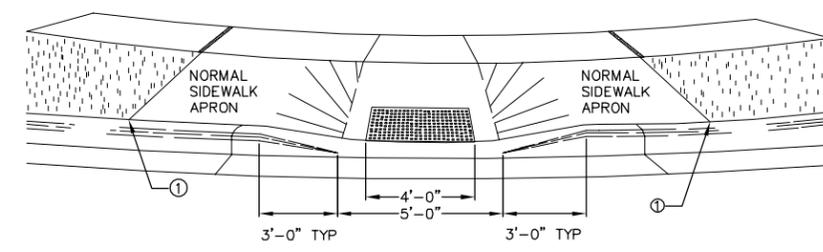
Sheet No: C6.3



PLAN VIEW
TYPE 1 RAMP
(CENTER OF CORNER RADIUS)



PLAN VIEW
TYPE 2 RAMP
(ON LINE WITH SIDEWALK)



VIEW A-A

NOTE: MATERIALS AND METHOD OF CONSTRUCTION FOR TRUNCATED DOMES SHALL BE SPECIFIED IN SPECIAL PROVISIONS OR AS REQUIRED BY THE CITY ENGINEER

GENERAL NOTES:

- TYPE 2-A RAMPS SHALL BE USED IN NEW DEVELOPMENT UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- RAMPS SHALL BE BUILT AT 12H:1V OR FLATTER, WHEN NECESSARY. THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.
- DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD."
- CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES SHALL BE APPROVED BY THE CITY ENGINEER. THE COLOR OF THE DETECTABLE WARNING FIELD SHALL BE SAFETY YELLOW, AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD."
- SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COURSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.
- ① THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB
- ② WHEN THIS DISTANCE IS LESS THAN 6'-0" IT MAY BE DIFFICULT TO ACHIEVE A 12H:1V SLOPE, OR FLATTER, ON THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 12H:1V SLOPE, OR FLATTER, ON RAMP. 2" MINIMUM CURB HEIGHT.

- LEGEND**
- ===== 1/2 " EXPANSION JOINT-SIDEWALK
 - - - - - CONTRACTION JOINT FIELD LOCATED
 - ||||||| PAVEMENT MARKING CROSSWALK (WHITE)
 - — — ALTERNATIVE LAYOUT

1 CURB RAMP DETAIL
C-6.4 NOT TO SCALE

2004

CITY OF MADISON
ENGINEERING DIVISION

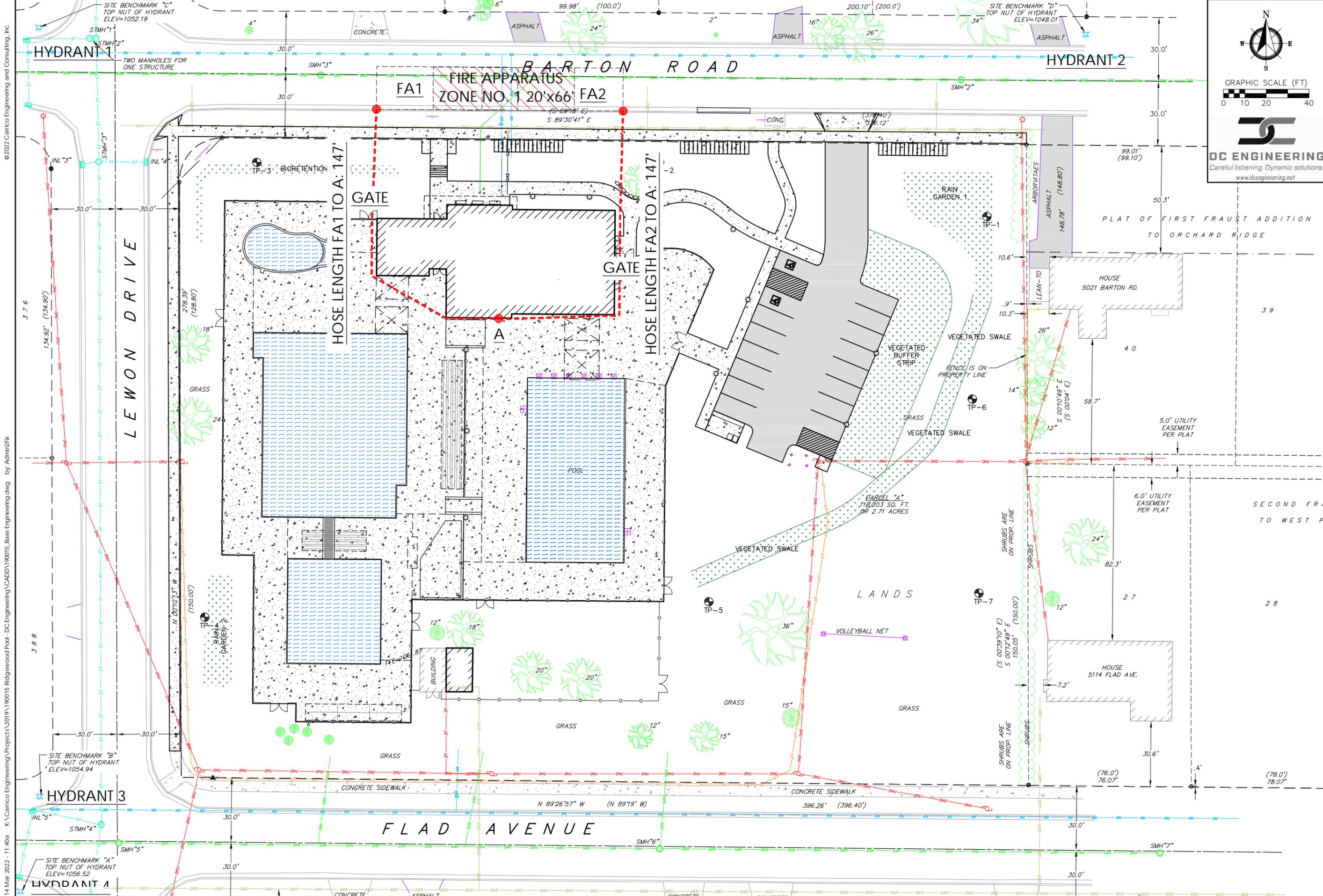
STANDARD CURB RAMPS
TYPES 1 AND 2

STANDARD DETAIL DRAWING 3.03

| Revisions | | Revisions | |
|-----------|------|-------------|------|
| No. | Date | Description | Date |
| | | | |
| | | | |

Scale: AS SHOWN
Date: 3/14/2022
Drawn By: ALC
Project No: 190015
Sheet No: C6.4

Construction Details
Ridgewood Pool
City of Madison
Dane County, Wisconsin



GRAPHIC SCALE (FT)
0 10 20 40

DC ENGINEERING
Careful listening. Dynamic solutions.
www.dcengineering.net

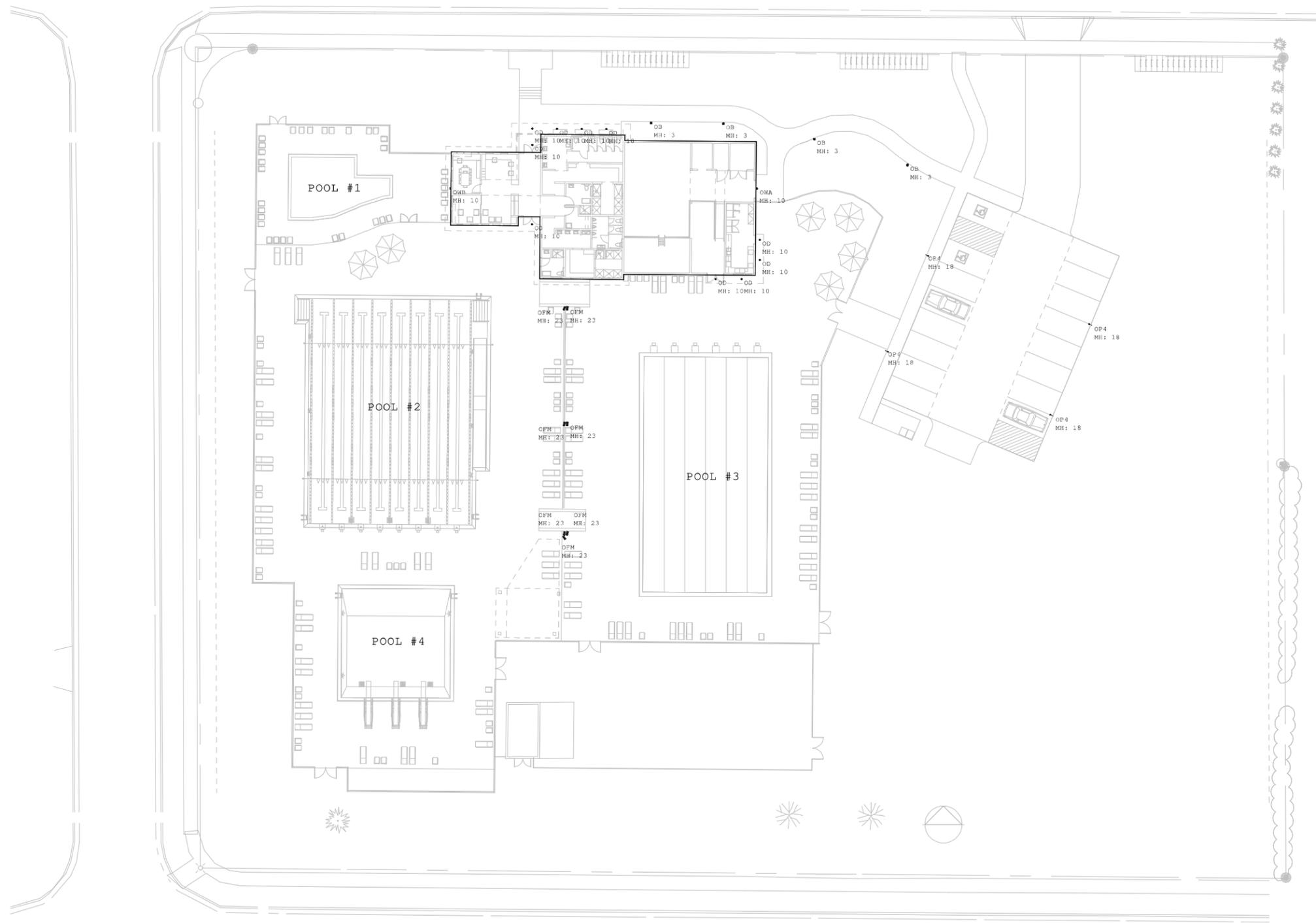
Carrico Engineering
carricoengineering.com
(608) 832-6352

Fire Access Plan
Ridgewood Pool
City of Madison
Dane County, Wisconsin

| Revisions | | Revisions | |
|-----------|------|-------------|------|
| No. | Date | Description | Date |
| | | | |
| | | | |

Scale: AS SHOWN
Date: 3/14/2022
Drawn By: ALC
Project No: 190015
Sheet No: C7.0

14 Mar 2022 - 11:40a K:\Carrico Engineering\Projects\2019\190015 Ridgewood Pool - DC Engineering\CADD\190015_Base Engineering.dwg by Admin2Fix



Scale: 1 inch= 20 Ft.

| Luminaire Schedule | | | | | | | | |
|--------------------|-----|-------|-----------------|---|-------------|-------------|------------|-------|
| Symbol | Qty | Label | Manufacturer | Description | Arrangement | Lum. Lumens | Lum. Watts | LLF |
| ⊙ | 4 | OB | HUBBELL OUTDOOR | FN2-12LU-4K | SINGLE | 941 | 26.9 | 0.900 |
| ⊙ | 10 | OD | PRESCOLITE | LFR-4RD-M-10L40K8XW-DM1_LFR-4RD-T-CL-SS | SINGLE | 903 | 7.6 | 0.900 |
| □ | 7 | OFM | HUBBELL OUTDOOR | RFL5-360L-265-4K7-M | SINGLE | 28983 | 252 | 0.900 |
| □ | 4 | OP4 | HUBBELL OUTDOOR | RAR1-80L-39-4K7-4W-UNV | SINGLE | 5210 | 37.98 | 0.900 |
| □ | 1 | OWA | HUBBELL OUTDOOR | RWL1-48L-10-4K7-3-UNV | SINGLE | 1355 | 10.1 | 0.900 |
| □ | 1 | OWB | HUBBELL OUTDOOR | RWL1-48L-20-4K7-4W-UNV | SINGLE | 2671 | 19.9 | 0.900 |

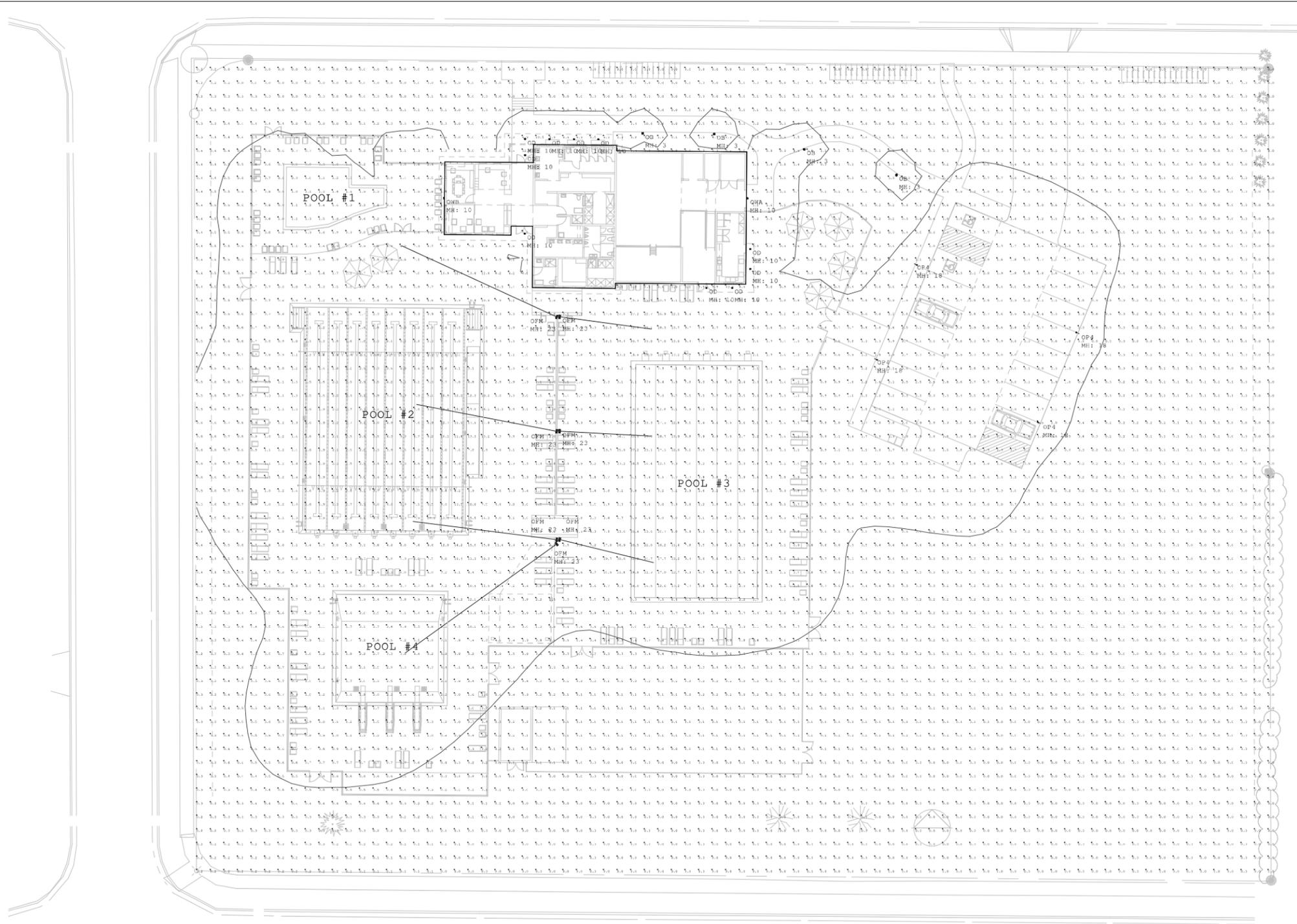
Eastern Wisconsin
2625 S Greeley Street
Milwaukee, WI 53207
(p) 414-635-9900
www.jthlighting.com



Calculated light levels shown are estimates based on information available at time of layout request. Due to unknown site conditions JTH Lighting assumes no responsibility for installed light levels.

Project #: 37574
Date: 2/23/2022
Paper Size: ARCH D - 24x36

RIDGEWOOD POOL
E1.0 - SITE LIGHTING PLAN



Scale: 1 inch= 20 Ft.

Calculation Summary

| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
|---------|-------------|-------|------|------|-----|---------|---------|
| SITE | Illuminance | Fc | 1.56 | 34.1 | 0.0 | N.A. | N.A. |
| PARKING | Illuminance | Fc | 2.27 | 3.2 | 0.9 | 2.52 | 3.56 |
| POOL #1 | Illuminance | Fc | 1.57 | 3.6 | 0.9 | 1.74 | 4.00 |
| POOL #2 | Illuminance | Fc | 4.60 | 18.0 | 0.9 | 5.11 | 20.00 |
| POOL #3 | Illuminance | Fc | 6.16 | 25.8 | 1.2 | 5.13 | 21.50 |
| POOL #4 | Illuminance | Fc | 3.53 | 8.8 | 1.5 | 2.35 | 5.87 |

Luminaire Schedule

| Symbol | Qty | Label | Manufacturer | Description | Arrangement | Lum. Lumens | Lum. Watts | LLF |
|--------|-----|-------|-----------------|---|-------------|-------------|------------|-------|
| ⊙ | 4 | OB | HUBBELL OUTDOOR | FN2-12LU-4K | SINGLE | 941 | 26.9 | 0.900 |
| ⊙ | 10 | OD | PRESCOLITE | LFR-4RD-M-10L40K8XW-DM1_LFR-4RD-T-CL-SS | SINGLE | 903 | 7.6 | 0.900 |
| □ | 7 | OFM | HUBBELL OUTDOOR | RFL5-360L-265-4K7-M | SINGLE | 28983 | 252 | 0.900 |
| □ | 4 | OP4 | HUBBELL OUTDOOR | RAR1-80L-39-4K7-4W-UNV | SINGLE | 5210 | 37.98 | 0.900 |
| □ | 1 | OWA | HUBBELL OUTDOOR | RWL1-48L-10-4K7-3-UNV | SINGLE | 1355 | 10.1 | 0.900 |
| □ | 1 | OWB | HUBBELL OUTDOOR | RWL1-48L-20-4K7-4W-UNV | SINGLE | 2671 | 19.9 | 0.900 |

1. Lighting Reflectance of 80/50/20 used unless noted otherwise
2. Interior calc points shown at 30" A.F.F. unless noted otherwise
3. Exterior calc points shown at grade unless noted otherwise
4. Emergency egress calc points shown at 0" A.F.F.
5. Photometric drawings are for Design purposes only, not for Construction documents

RIDGEWOOD POOL

E2.0 - PHOTOMETRIC PLAN

Project #: 37574
Date: 2/23/2022

Paper Size: ARCH D - 24x36

Calculated light levels shown are estimates based on information available at time of layout request. Due to unknown site conditions JTH Lighting assumes no responsibility for installed light levels.



Eastern Wisconsin
2625 S Greeley Street
Milwaukee, WI 53207
(p) 414-635-9900
www.jthlighting.com

**RIDGEWOOD
POOL**

Drawn By: GQP
Checked By: GQP
File: 22_0312 LP
Issued For: Plan Com
Issue Date: 03/14/22
Project No. 22_RHN_01

OPTION



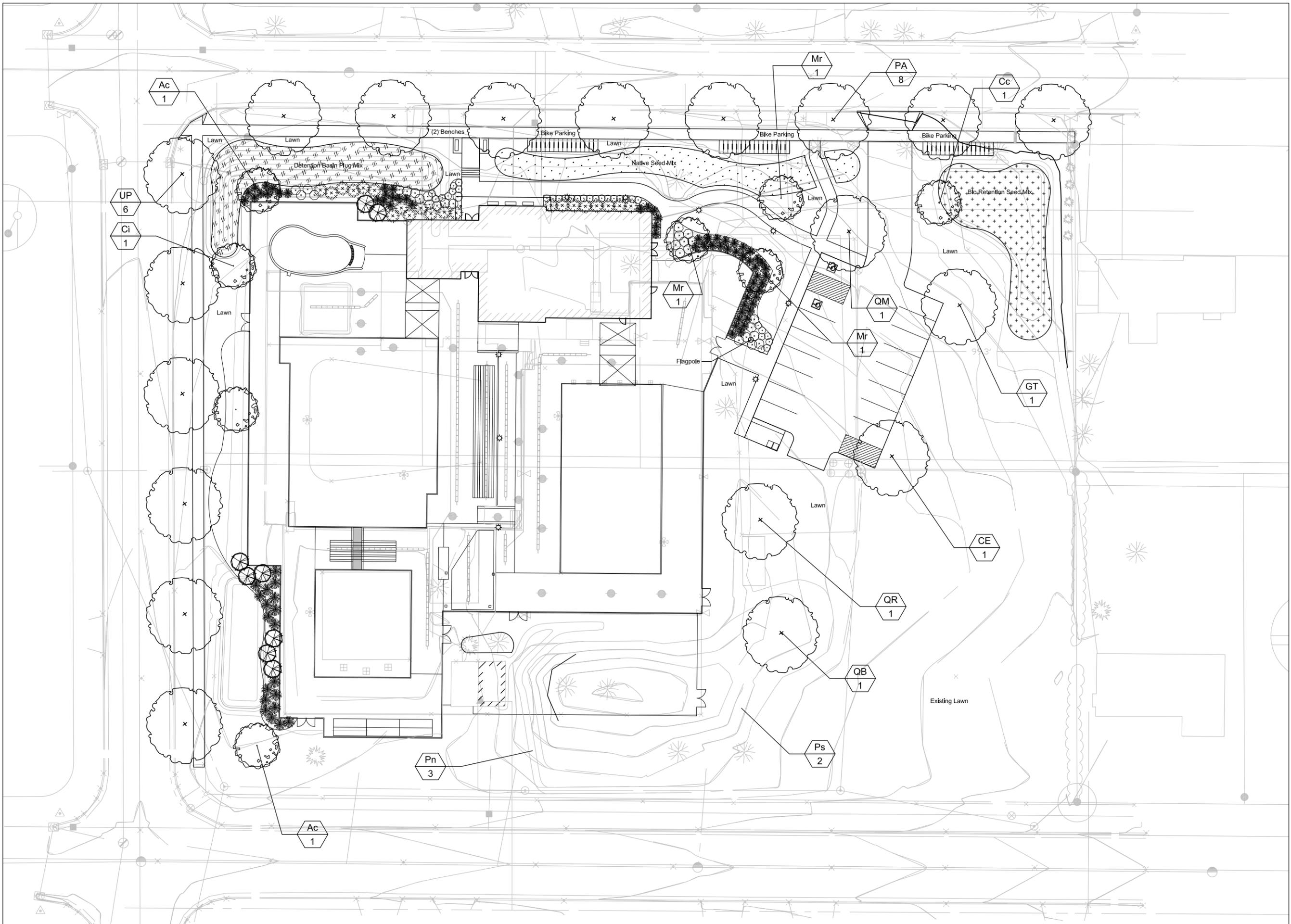
Sheet Name _____

Landscape Plan

Sheet Number _____

L1.00

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**RIDGEWOOD
POOL**

Drawn By: GQP
Checked By: GQP
File: 22_0125 TH
Issued For: MP
Issue Date: 01/31/22
Project No. 22_RHN_01

OPTION

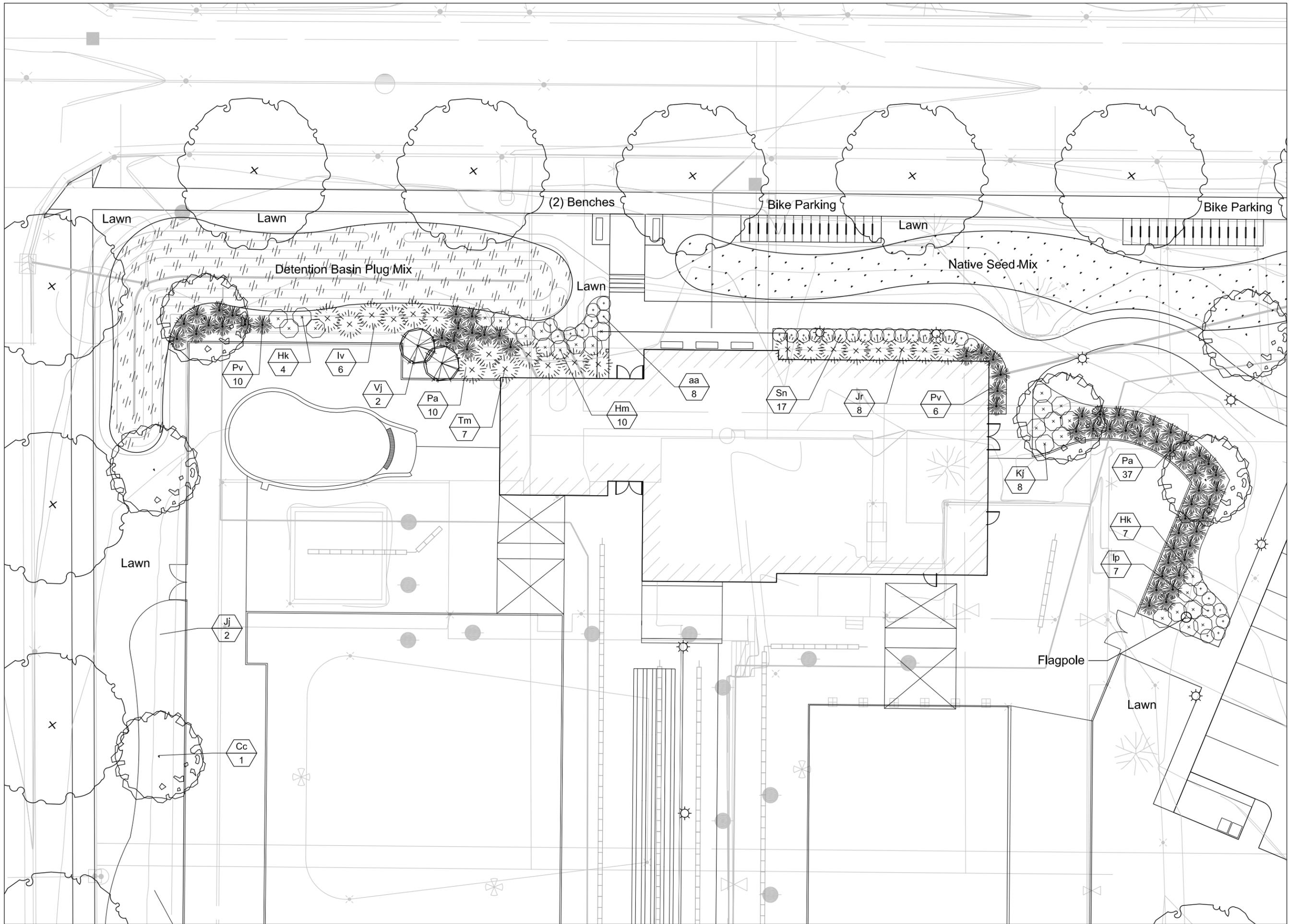


Sheet Name
**Landscape
Enlargement Plan**

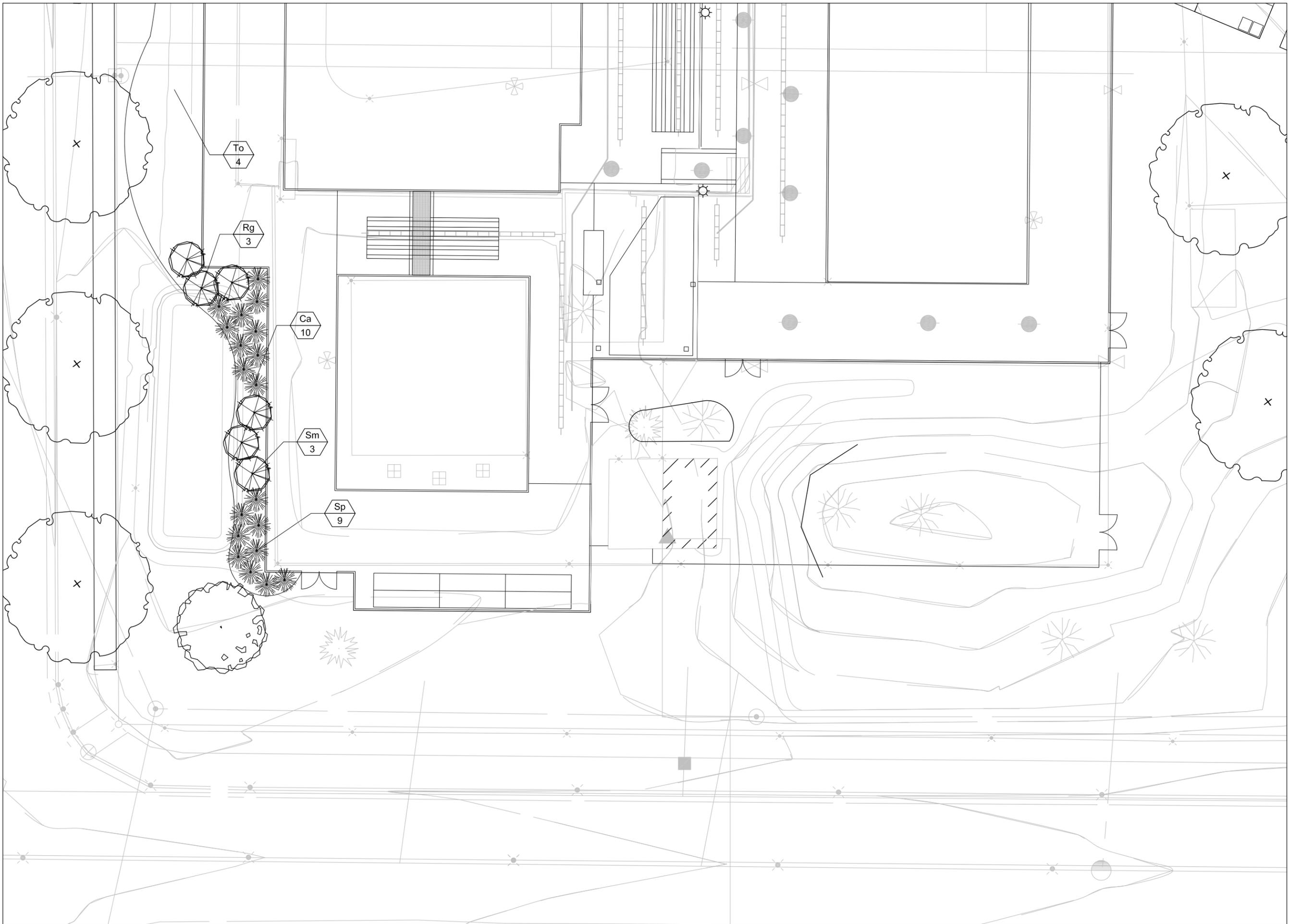
Sheet Number

L2.00

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File: C:\Garret\Projects\21_TBA_01_Ridgewood Pool\22_0312_LP.dwg Layout: L2.1 User: gqper Plotted: Mar 14, 2022 - 10:06am



**RIDGEWOOD
POOL**

Drawn By: GQP
Checked By: GQP
File: 22_0125 TH
Issued For: MP
Issue Date: 01/31/22
Project No. 22_RHN_01

OPTION



Sheet Name
**Landscape
Enlargement Plan**

Sheet Number

L2.10

LANDSCAPE PLANT LEGEND

| Symbol | Botanical name | Common Name | Size | Root | Quantity | Remarks |
|-------------------------|---|------------------------------------|------------|-----------|----------|---------|
| SHADE TREES | | | | | | |
| CE | Celltis occidentalis | Common Hackberry | 3" Cal. | B&B | | |
| GT | Gleditsia tricanthos 'Skyline' | Skyline Honeylocust | 3" Cal. | B&B | | |
| PA | Platanus x acerfolia | American Sycamore | 3" Cal. | B&B | | |
| QB | Quercus bicolor | Swamp White Oak | 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 | | |
| EVERGREEN TREES | | | | | | |
| PS | Pinus Strobus | Eastern White Pine | 6'-8' | B&B | | |
| PN | Pinus nigra | Austrian Pine | 6'-8' | B&B | | |
| ORNAMENTAL TREES | | | | | | |
| AC | Amelanchier x grandiflora 'Autumn 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" Cal. | B&B | | |
| MR | Malus 'Red Jewel' | Red Jewel Crabapple | 2" Cal. | B&B | | |
| SHRUBS | | | | | | |
| Hm | Hydrangea macrophylla 'Bailmer' | Endless Summer Hydrangea | 3 gal | Pot | | |
| Hk | Hypericum kalmianum | St. Johns Wort | 2 gal | Pot | | |
| Kj | Kerria Japonica | Japenese Kerria | 2 gal. | Pot | | |
| Rg | Rhus glabara | Smooth Sumac | 5 gal | Pot | | |
| Sn | Spirea x bumalda 'A.W. | Anthony Waterer 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 | | |
| Pv | Panicum virgatum 'Shenandoah' | Shenandoah Switch Grass | 2 Gal. | CG | | |
| Sp | Sporobolus heterolepis | Prairie Dropseed | 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 | | |
| Jj | Juniperus x 'JNBlue Select' | Star Power Juniper | 6' Ht. | BB | | |
| To | Thuja occidentalis 'Dark Green' | Dark Green Arborvitae | 6' Ht. | BB | | |
| PERENNIALS | | | | | | |
| aa | Astilbe x arendsii 'Fanal' | Fanal Astilbe | 1 Gal. | Container | | 15"0.C. |
| lp | Liatrus pyncostachya | Prairie Blazingstar | 1 Gal. | Container | | 18"0.C. |

EMERGENT PLUGS

PLUGS BY AGRECOL, INC. OR EQUAL. INDIVIDUAL POTS TO BE 2.5" x 2.5" x 3.5". USE FULL TRAYS OF PLANTS PER EACH SPECIES. CHOOSE FROM THE FOLLOWING:

| Grasses, Sedges, & Rushes | |
|---------------------------|--------------------|
| Calamagrostis canadensis | Blue Joint Grass |
| Carex comosa | Bristly Sedge |
| Carex crinita | Fringed Sedge |
| Carex hystericina | Porcupine Sedge |
| Glyceria grandis | Reed Manna Grass |
| Glyceria striata | Fowl Manna Grass |
| Juncus effusus | Common Rush |
| Leersia oryzoides | Rice Cut Grass |
| Scirpus acutus | Hard-Stem Bulrush |
| Scirpus atrovirens | Dark-Green Bulrush |
| Scirpus cyperinus | Wool Grass |
| Scirpus fluviatilis | River Bulrush |
| Scirpus pendulus | Red Bulrush |
| Scirpus validus | Great Bulrush |
| Spartina pectinata | Prairie Cordgrass |

BIO RETENTION SEED 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. 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

NATIVE SEED MIX

SEED BY AGRECOL, INC. OR EQUAL. COVER CROP TO BE ANNUAL RYE. MULCH WITH SEEDLESS MARSH HAY.

Wildflowers: Nodding Onion, Leadplant, Butterfly Weed, Sky-Blue Aster, Smooth Blue Aster, New England Aster, Partridge Pea, Prairie Coreopsis, White Prairie Clover, Purple Prairie Clover, Pale Purple Coneflower, Purple Coneflower, Rattlesnake Master, Early Sunflower, Prairie Blazing Star, Wild Bergamot, Smooth Penstemon, Prairie Cinquefoil, Mountain Mint, Yellow Coneflower, Black-Eyed Susan, Sweet Black-Eyed Susan, Compass Plant, Showy Goldenrod, Spiderwort, Culver's Root

Grasses, Sedges & Rushes: Side Oats Grama, Copper-Shouldered Oval Sedge, Canada Wild Rye, Virginia Wild Rye, June Grass, Little Bluestem



CITY OF MADISON LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 5109 Barton Road, Madison, WI 53711

Name of Project Ridgewood Pool

Owner / Contact Scott Stewart

Contact Phone _____ Contact Email scott.stewart34@gmail.com

**** Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size MUST be prepared by a registered landscape architect. ****

Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as all parts of the site that are not left in a natural state within a single contiguous boundary, including building footprints, parking and loading areas, driveways, internal sidewalks, patios, and outdoor activity areas. Developed area does not include other land within required setbacks and natural areas on the same property that are left undisturbed.

- (a) One (1) landscape unit shall be provided for each three hundred (300) square feet of developed area, with the exception of the IL and the IG districts as specified in (b) below.

Total square footage of developed area 94,200

Developed area divided by three hundred (300) square feet = 313 Landscape Units

- (b) Within the Industrial - Limited (IL) and Industrial - General (IG) districts, one (1) landscape unit shall be provided for every six hundred (600) square feet of developed area.

Total square footage of developed area _____

Developed area divided by six hundred (600) square feet = _____ Landscape Units

- (c) One landscape unit consists of five (5) landscape points. Landscape points are calculated as shown in the following table.

Landscape units multiplied by five (5) landscape points = 1565 Total Points Required

Tabulation of Points and Credits

Use the table to indicate the quantity and points for all existing and proposed landscape elements. Calculations yielding a fraction up to one-half (1/2 or 0.5) shall be rounded down to the nearest whole number; fractions of more than one half (1/2) shall be rounded up.

| Plant Type/ Element | Minimum Size at Installation | Points | Credits/ Existing Landscaping | | New/ Proposed Landscaping | |
|--|--------------------------------|---------------------|-------------------------------|-----------------|---------------------------|-----------------|
| | | | Quantity | Points Achieved | Quantity | Points Achieved |
| Overstory deciduous tree | 2½ inch caliper | 35 | 8 | 280 | 19 | 665 |
| Ornamental tree | 1 1/2 inch caliper | 15 | | | 8 | 120 |
| Evergreen tree | 3 feet tall | 15 | 2 | 30 | 11 | 165 |
| Shrub, deciduous | 18" or 3 gallon container size | 2 | | | 37 | 74 |
| Shrub, evergreen | 18" or 3 gallon container size | 3 | | | 21 | 63 |
| Ornamental grasses | 18" or 3 gallon container size | 2 | | | 81 | 162 |
| Ornamental/ decorative fencing or wall | n/a 567 | 4 per 10 lineal ft. | | | | |
| Sub Totals | | | | 310 | | 1249 |

Total Number of Points Provided 1559

3/2013

1

- * Native seeding and native plugs have not been included in the points calculation. Over 2200 square feet of native plugs are to be installed in the bio retention basin. 1764 square feet of native seeding is to be installed in the rain gardens and over 2400 square feet of native grasses and forbes are to be installed in the front lawn. This should offset the 7 point deficiency in the points calculation



design studio etc.

Landscape Architects
330 W. Lakeside Street
Madison, WI 53715

gqperry@gmail.com

P 608.358.6344

Professional Seal

Revision _____ Date _____

Project Name _____

**RIDGEWOOD
POOL**

Drawn By: GQP

Checked By: GQP

File: 22_0125 TH

Issued For: MP

Issue Date: 01/31/22

Project No. 22_RHN_01

OPTION _____

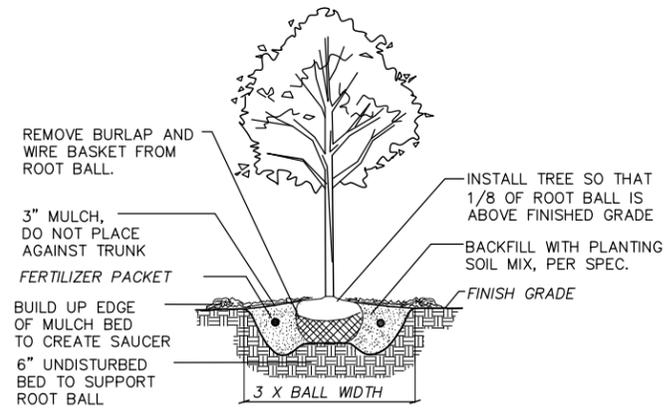
Sheet Name _____

Landscape Details

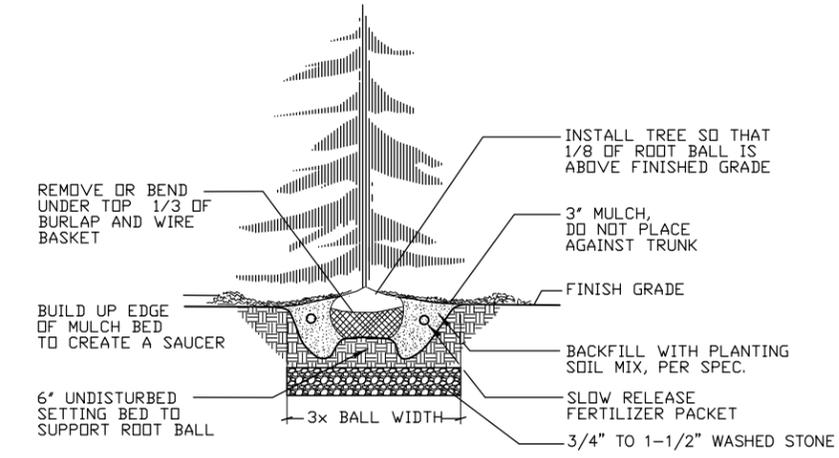
Sheet Number _____

L3.00

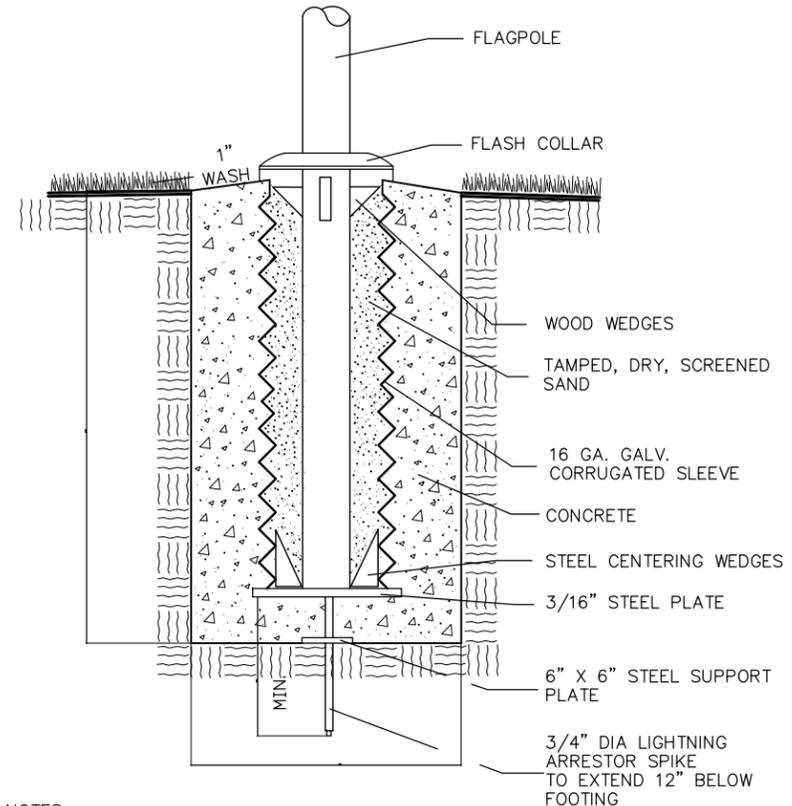
installed in the rain gardens and over 2400 square feet of native grasses and forbes are to be installed in the front lawn. This should offset the 7 point deficiency in the points calculation



1 B&B TREE PLANTING DETAIL NTS

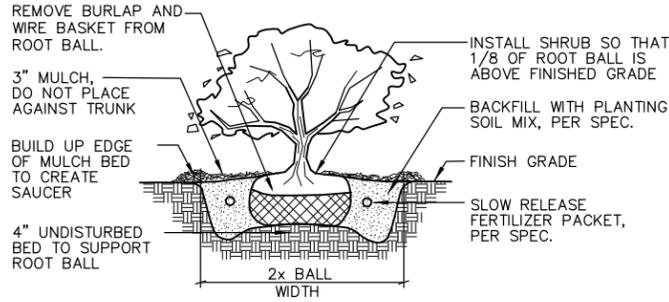


2 B&B EVERGREEN TREE PLANTING DETAIL NTS NTS

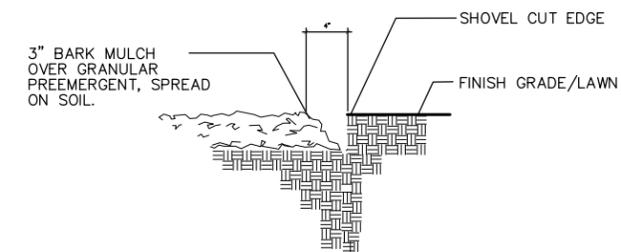


- NOTES:
1. INSTALLATION AND FOOTINGS SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND SOIL CONDITIONS.
 2. MATERIAL WITHIN A 3' PERIMETER OF FLAG POLE BASE SHALL BE ENGINEERED FILL OR NATIVE SOIL. TOP 1' OF MATERIAL SHALL BE STANDARD FILL WITH TOP SOIL.

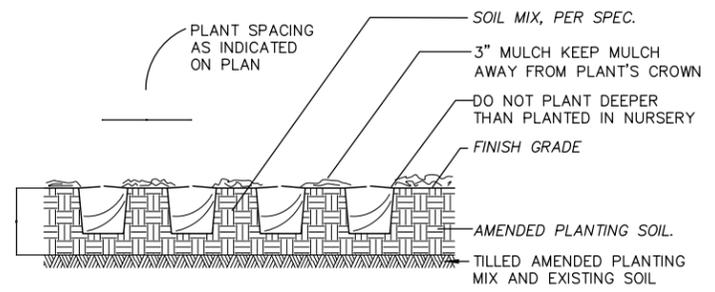
5 FLAGPOLE MOUNTING DETAIL - SECTION N.T.S.



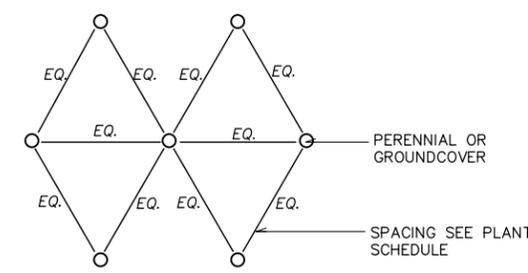
3 SHRUB PLANTING DETAIL NTS



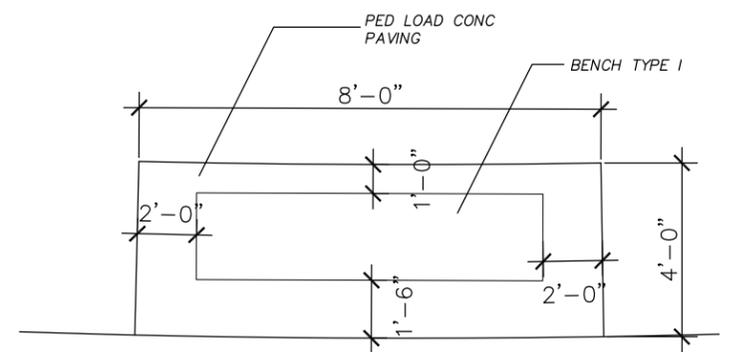
4 BARK MULCH/SHOVEL CUT EDGE DETAIL NTS



6 GROUNDCOVER / PERENNIAL PLANTING DETAIL NTS

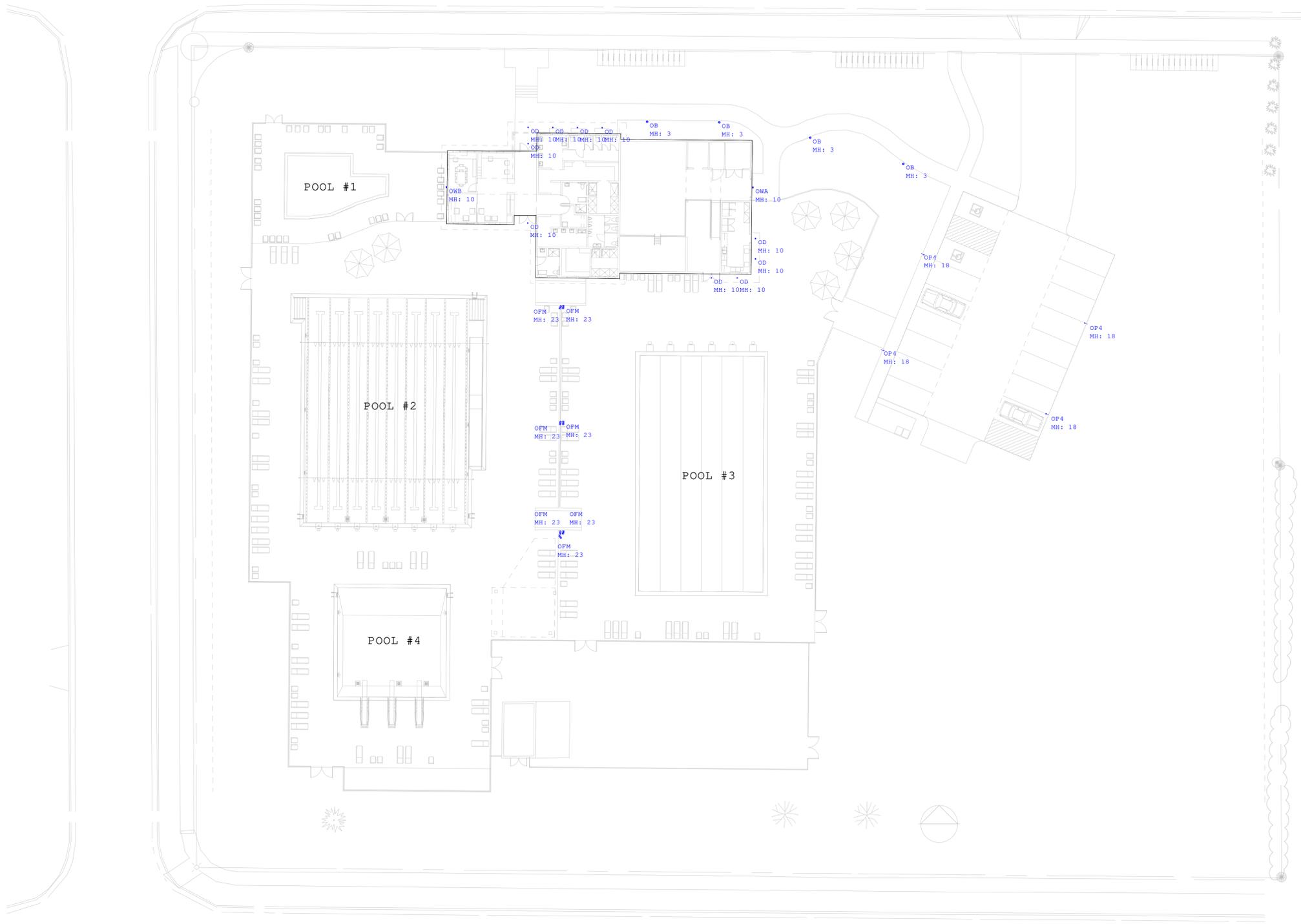


7 PERENNIAL/GROUNDCOVER SPACING DETAIL NTS



7 BENCH INSTALLATION - PLAN NTS

File: C:\Garret\Projects\21_TBA_01_Ridgewood Pool\Cad\22_0312_LP.dwg Layout: L3.1 User: gaper Plotted: Mar 14, 2022 10:09am



Scale: 1 inch= 20 Ft.

| Luminaire Schedule | | | | | | | | |
|--------------------|-----|-------|-----------------|---|-------------|-------------|------------|-------|
| Symbol | Qty | Label | Manufacturer | Description | Arrangement | Lum. Lumens | Lum. Watts | LLF |
| ⊙ | 4 | OB | HUBBELL OUTDOOR | FN2-12LU-4K | SINGLE | 941 | 26.9 | 0.900 |
| ○ | 10 | OD | PRESCOLITE | LFR-4RD-M-10L40K8XW-DM1_LFR-4RD-T-CL-SS | SINGLE | 903 | 7.6 | 0.900 |
| □ | 7 | OFM | HUBBELL OUTDOOR | RFL5-360L-265-4K7-M | SINGLE | 28983 | 252 | 0.900 |
| □ | 4 | OP4 | HUBBELL OUTDOOR | RAR1-80L-39-4K7-4W-UNV | SINGLE | 5210 | 37.98 | 0.900 |
| □ | 1 | OWA | HUBBELL OUTDOOR | RWL1-48L-10-4K7-3-UNV | SINGLE | 1355 | 10.1 | 0.900 |
| □ | 1 | OWB | HUBBELL OUTDOOR | RWL1-48L-20-4K7-4W-UNV | SINGLE | 2671 | 19.9 | 0.900 |

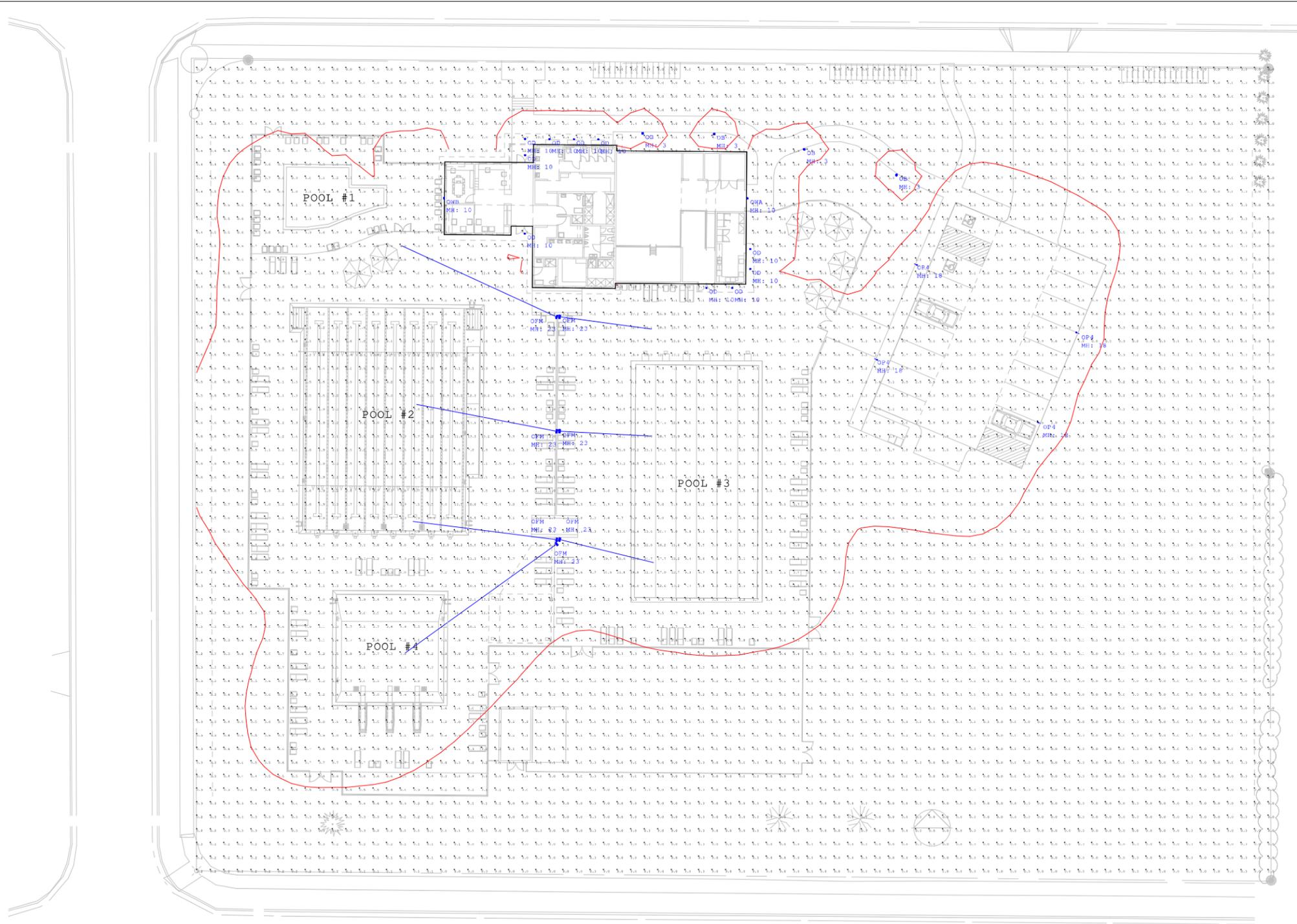
Eastern Wisconsin
2625 S Greeley Street
Milwaukee, WI 53207
(P) 414-635-9900
www.jthlighting.com



Calculated light levels shown are estimates based on information available at time of layout request. Due to unknown site conditions JTH Lighting assumes no responsibility for installed light levels.

Project #: 37574
Date: 2/23/2022
Paper Size: ARCH D - 24x36

RIDGEWOOD POOL
E1.0 - SITE LIGHTING PLAN



Scale: 1 inch= 20 Ft.

Calculation Summary

| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
|---------|-------------|-------|------|------|-----|---------|---------|
| SITE | Illuminance | Fc | 1.56 | 34.1 | 0.0 | N.A. | N.A. |
| PARKING | Illuminance | Fc | 2.27 | 3.2 | 0.9 | 2.52 | 3.56 |
| POOL #1 | Illuminance | Fc | 1.57 | 3.6 | 0.9 | 1.74 | 4.00 |
| POOL #2 | Illuminance | Fc | 4.60 | 18.0 | 0.9 | 5.11 | 20.00 |
| POOL #3 | Illuminance | Fc | 6.16 | 25.8 | 1.2 | 5.13 | 21.50 |
| POOL #4 | Illuminance | Fc | 3.53 | 8.8 | 1.5 | 2.35 | 5.87 |

Luminaire Schedule

| Symbol | Qty | Label | Manufacturer | Description | Arrangement | Lum. Lumens | Lum. Watts | LLF |
|--------|-----|-------|-----------------|---|-------------|-------------|------------|-------|
| ⊙ | 4 | OB | HUBBELL OUTDOOR | FN2-12LU-4K | SINGLE | 941 | 26.9 | 0.900 |
| ⊙ | 10 | OD | PRESCOLITE | LFR-4RD-M-10L40K8XW-DM1_LFR-4RD-T-CL-SS | SINGLE | 903 | 7.6 | 0.900 |
| □ | 7 | OFM | HUBBELL OUTDOOR | RFL5-360L-265-4K7-M | SINGLE | 28983 | 252 | 0.900 |
| —□ | 4 | OP4 | HUBBELL OUTDOOR | RAR1-80L-39-4K7-4W-UNV | SINGLE | 5210 | 37.98 | 0.900 |
| □ | 1 | OWA | HUBBELL OUTDOOR | RWL1-48L-10-4K7-3-UNV | SINGLE | 1355 | 10.1 | 0.900 |
| □ | 1 | OWB | HUBBELL OUTDOOR | RWL1-48L-20-4K7-4W-UNV | SINGLE | 2671 | 19.9 | 0.900 |

1. Lighting Reflectance of 80/50/20 used unless noted otherwise
2. Interior calc points shown at 30" A.F.F. unless noted otherwise
3. Exterior calc points shown at grade unless noted otherwise
4. Emergency egress calc points shown at 0" A.F.F.
5. Photometric drawings are for Design purposes only, not for Construction documents

Calculated light levels shown are estimates based on information available at time of layout request. Due to unknown site conditions JTH Lighting assumes no responsibility for installed light levels.

Project #: 37574
Date: 2/23/2022

Paper Size: ARCH D - 24x36

RIDGEWOOD POOL
E2.0 - PHOTOMETRIC PLAN



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: RIDGEWOOD POOL RENOVATION 5109 BARTON RD.

Contact Name & Phone #: TODD BARNETT 608-233-4538

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

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

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.