

223 OAKLAND AVE. WAUKESHA, WI 53186

City of Waukesha, WI

Vicinity Map

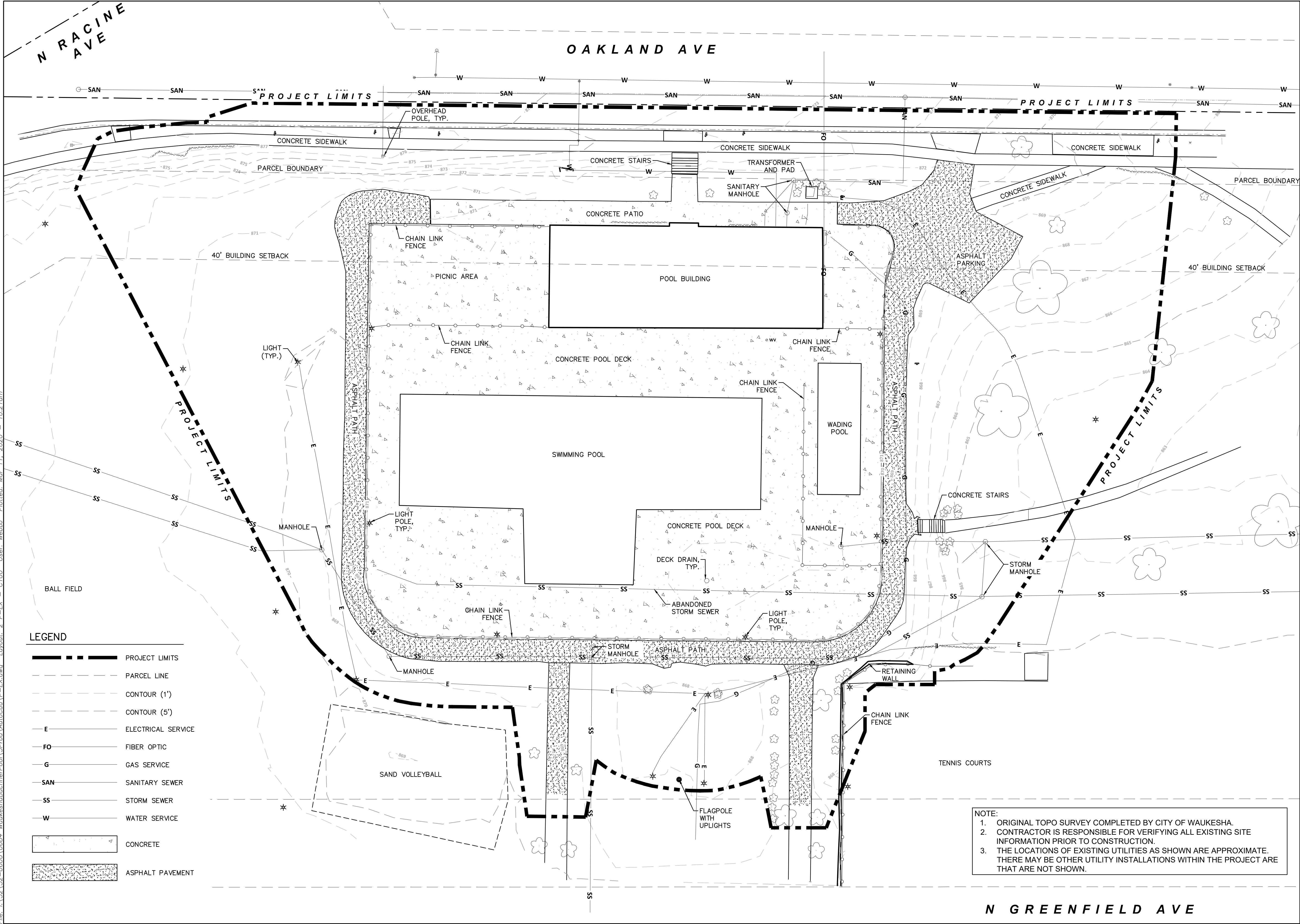
Map of Waukesha, WI, showing the project location. The map includes major roads like Waukesha Avenue (W 54th St), Lincoln Avenue, and various local streets. A black rectangle with the text "PROJECT LOCATION" is placed on Waukesha Avenue between E College Ave and E Laflin Ave. A north arrow and a scale bar (0 to 0.5 miles) are in the bottom right corner.

CIVIL ENGINEER AYRES ASSOCIATES 5201 E TERRACE AVE, STE 200 MADISON, WI 53718 608-443-1200	LANDSCAPE ARCHITECT AYRES ASSOCIATES 5201 E TERRACE AVE, STE 200 MADISON, WI 53718 608-443-1200
ARCHITECT ICONICA 901 DEMING WAY MADISON, WI 53717 608-664-3500	STRUCTURAL ICONICA 901 DEMING WAY MADISON, WI 53717 608-664-3500
MECHANICAL, ELECTRICAL & PLUMBING HENNEMAN ENGINEERING, INC. 20855 WATERTOWN RD, STE 170 WAUKESHA, WI 53186 262-901-0626	POOL DECK PARKITECTURE + PLANNING 901 DEMING WAY, SUITE 102 MADISON, WI 53717 608-664-3500

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Revision	Date

Project Name
**BUCHNER PARK
POOL**

**NOT FOR
CONSTRUCTION**

City of Waukesha
223 Oakland Ave.
Waukesha, WI 53186

Drawn By: JW
Checked By: BM
File: P-EX
Issued For: Review
Issue Date: 03.11.2020
Project No. 52-0684.00

Sheet Title
**EXISTING
CONDITIONS**

North
0 20' 40'
Sheet Number

C100

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GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR SHALL CONTACT APPROPRIATE UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO ANY CONSTRUCTION.
3. PERFORM ALL WORK IN ACCORDANCE WITH THE CITY OF MARSHFIELD STANDARD SPECIFICATIONS, LATEST EDITION.
4. SEE EXISTING CONDITIONS PLAN FOR LEGEND OF EXISTING FEATURES.
5. CONTRACTOR TO PHASE THE CONSTRUCTION SO THAT THE MINIMUM AMOUNT OF DISTURBED SOIL IS EXPOSED AT ONE TIME.
6. A TRACKING PAD OR TRACKOUT CONTROL PRACTICES MUST BE PRESENT AT THE SITE ENTRY AT ALL TIMES. LOCATION TO BE DETERMINED BY THE CONTRACTOR.
7. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING IN-KIND ANY PAVED OR LAWN AREAS DAMAGED DURING CONSTRUCTION THAT WERE SHOWN TO REMAIN IN PLACE.
8. CONTRACTOR SHALL ENSURE THAT ALL DIRT AND TRACKED MUD BEYOND THE PROJECT LIMIT LINES IS CLEANED UP AT THE END OF EACH DAY.
9. INSTALL INLET PROTECTION ON ALL PROPOSED STORM INLETS AS THEY ARE INSTALLED, TO BE REMOVED AT PROJECT COMPLETION.
10. REMOVE ANY EXISTING SITE ELEMENT THAT CONFLICTS WITH THE PROPOSED CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, SIGNS, FENCING, ELECTRICAL, PLUMBING, STORM SEWER, POOL VESSEL, LANDSCAPING, PAVEMENTS, AND CURB AND GUTTER.
11. DELINEATED STORMWATER MANAGEMENT AREAS TO BE PROTECTED FROM SEDIMENT AND COMPACTION DURING CONSTRUCTION.

EROSION CONTROL GENERAL NOTES:

1. CONTRACTOR MUST HAVE A COPY OF THE WDNR WPDES PERMIT, LOCAL PERMITS, AND APPROVED PLANS AVAILABLE AT THE PROJECT SITE AT ALL TIMES UNTIL THE PROJECT IS COMPLETE.
2. CONTRACTOR SHALL ALLOW ACCESS TO THE PROJECT SITE DURING REASONABLE HOURS TO ANY LOCAL, COUNTY, OR STATE EMPLOYEE WHO IS INVESTIGATING THE PROJECT'S CONSTRUCTION, OPERATION, MAINTENANCE, OR PERMIT COMPLIANCE.
3. ALL SITE EROSION CONTROL MEASURES SHALL BE MAINTAINED BY CONTRACTOR AND SHALL BE REPAIRED OR REPLACED AS NEEDED TO SERVE INTENDED FUNCTION. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUESTED BY OWNER OR ENGINEER.
4. CONTRACTOR SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE TECHNICAL STANDARDS AND THE WSDOT EROSION CONTROL PRODUCT ACCEPTABILITY LISTS (PAL).
5. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE BUT NOT LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY. WRITTEN REPORTS WILL BE KEPT OF ALL EROSION AND SEDIMENT CONTROL INSPECTIONS AS REQUIRED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR).
7. SEDIMENT SOCK OR SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS PER THE INSTALLATION DETAILS. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE SILT SOCK OR SILT FENCE WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT SOCK OR SILT FENCE SHALL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
8. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED. SITE STABILIZATION INVOLVING SEEDING WHICH IS NOT COMPLETED PRIOR TO SEPTEMBER 15 SHALL BE COMPLETED WITH DORMANT SEEDING BY NOVEMBER 1.
9. EROSION CONTROL MEASURES MUST BE IN PLACE AT THE END OF EACH WORK DAY.
10. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.
11. WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR HAVE BEEN TEMPORARILY SUSPENDED FOR MORE THAN FOURTEEN DAYS, OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, STABILIZATION SHALL BE IMPLEMENTED WITHIN SEVEN DAYS. TEMPORARY STABILIZATION PRACTICES SUCH AS MULCH/TACKIFIER, EROSION MAT, OR WSDOT TYPE B SOIL STABILIZER SHALL BE APPLIED TO THE SOIL SURFACE WHEN THE SITE IS NOT READY FOR PERMANENT RESTORATION. WHEN STABILIZATION IS NOT POSSIBLE DUE TO SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE.
12. ALL EXCESS MATERIAL SHALL BE STOCKPILED AT LOCATIONS APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF ANY MATERIAL. STOCKPILES SHALL BE ENCLOSED WITH SILT FENCE/SILT SOCK UNTIL TEMPORARY OR PERMANENT VEGETATIVE COVER IS ESTABLISHED.
13. DUST CONTROL SHALL BE IMPLEMENTED THROUGHOUT CONSTRUCTION AND SHALL UTILIZE THE METHODS OUTLINED IN WDNR TECH STD. 1068
14. THE REMOVAL OF VEGETATIVE COVER AND EXPOSURE OF THE BARE GROUND MUST BE RESTRICTED TO THE MINIMUM AMOUNT NECESSARY FOR CONSTRUCTION. AREAS WHERE SOIL IS EXPOSED MUST BE PROTECTED FROM EROSION BY SEEDING AND MULCHING, SODDING, DIVERSION OF SURFACE RUNOFF, INSTALLATION OF STRAW BALES OR SILT SCREENS, CONSTRUCTION OF SETTLING BASINS, OR SIMILAR METHODS AS SOON AS POSSIBLE AFTER REMOVAL OF THE ORIGINAL GROUND COVER AS DESCRIBED IN THE WISCONSIN DNR TECHNICAL STANDARDS. ANY STOCKPILE THAT REMAINS OVER 7 DAYS MUST BE STABILIZED WITH MIXTURE NO. 20 FROM THE WSDOT SECTION 630.
15. STORM WATER AND GROUND WATER PUMPED FROM EXCAVATIONS AND/OR DEWATERING WELLS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE WISCONSIN STATUTES. SEDIMENT BASINS, SEDIMENT TRAPS, AND/OR POLYMERS TO CONTROL SEDIMENT SHALL BE UTILIZED AND MEET THE REQUIREMENTS OF THE WISCONSIN WDNR TECHNICAL STANDARDS.
16. AFTER THE SITE IS UNIFORMLY STABILIZED ACROSS 80% OF THE SITE AREA, OR PRIOR TO AT THE DIRECTION OF THE ENGINEER, ALL TEMPORARY EROSION CONTROL MEASURES MUST BE REMOVED AND DISPOSED OF PROPERLY. THE CONTRACTOR SHALL MAKE ALL REPAIRS OF LAWNS AND LANDSCAPED AREAS FOLLOWING THE REMOVAL OF SILT SOCKS AND STAKES.

ANTICIPATED CONSTRUCTION SCHEDULE:

1. INSTALL CONSTRUCTION FENCE, TRACKING PAD, SILT FENCE OR SILT SOCKS, AND OTHER EROSION CONTROL AS DETAILED ON THE PLANS.
2. DEMOLISH AND REMOVE EXISTING POOL VESSEL AND POOL DECK.
3. DEMOLISH EXISTING POOL BUILDING.
4. REPLACE EXISTING UTILITY LATERALS, INSTALL POOL PLUMBING.
5. BEGIN PROPOSED POOL BUILDING CONSTRUCTION.
6. CONSTRUCT POOL VESSELS.
7. CONSTRUCT CONCRETE POOL DECK, SIDEWALKS, AND NEW ASPHALT PARKING LOT.
8. TOPSOIL AND RESTORE ALL DISTURBED AREAS WITH SEED AND MULCH OR SOD.
9. REMOVE EROSION CONTROL DEVICES ONCE THE SITE REACHES 80% VEGETATIVE COVER.

TEMPORARY RESTORATION NOTES

1. FILL SLOPES AROUND THE NEW POOL AREA MUST BE TEMPORARILY OR PERMANENTLY STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETED, AND BEFORE OCTOBER 15TH SO THEY DO NOT REMAIN OPEN TO EROSION ACTIVITY OVER THE WINTER MONTHS. PERMANENT RESTORATION IS PREFERRED IF THE CONSTRUCTION SCHEDULE AND WEATHER ALLOWS. INSTALL SLOPE INTERRUPTION DEVICES (SILT SOCK) HORIZONTALLY ALONG THE SLOPES PER WDNR TECHNICAL STANDARD 1071 AND AS SHOWN ON THE GRADING PLAN.
2. DISTURBED AREAS SHALL BE STABILIZED PRIOR TO WINTER WITH TEMPORARY SEEDING OR OTHER APPROVED METHODS. TEMPORARY SEED MIXES SHALL BE AS SHOWN. CONTRACTOR MAY NEED TO WATER RESTORED AREAS TO ENSURE GROWTH. WATERING SHALL BE INCIDENTAL.

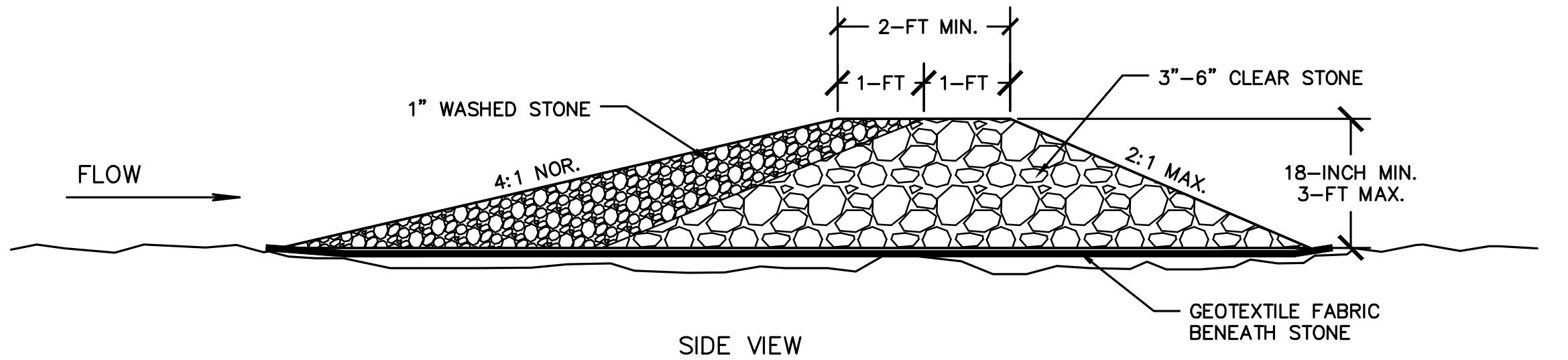
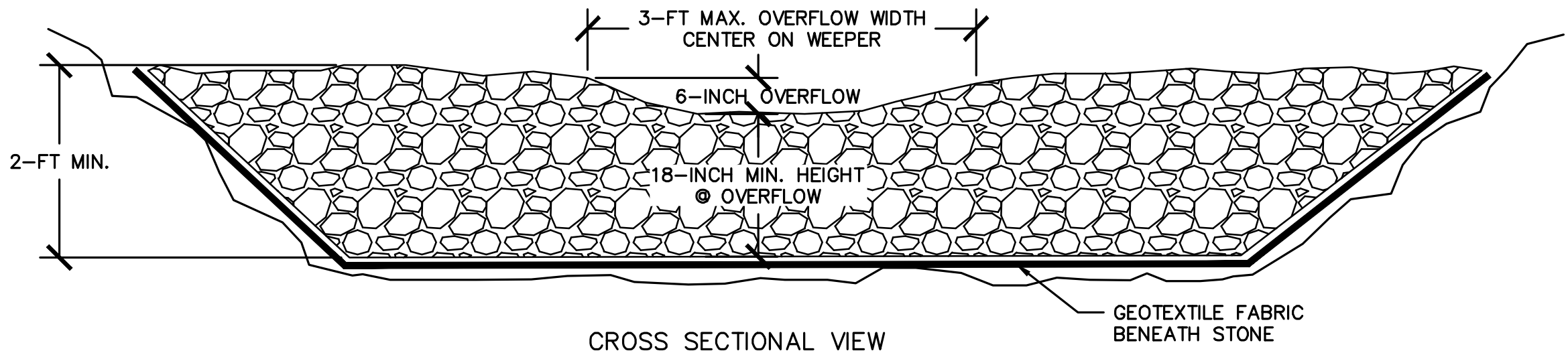
*SEEDING RATES ARE AS FOLLOWS:

- CONTRACTOR TO USE WINTER WHEAT OR CEREAL RYE AT A RATE OF 131 LBS/ACRE.
- CONTRACTOR TO USE ANNUAL RYE AT A RATE OF 80 LBS/ACRE.

AFTER SEPTEMBER 15TH, A COOL WEATHER SEEDING COVER CROP MUST BE APPLIED (I.E. OATS)
AFTER OCTOBER 15TH, A DORMANT SEEDING COVER CROP MUST BE APPLIED (I.E. WINTER WHEAT)
AFTER NOVEMBER 15TH, A DORMANT SEEDING MUST BE APPLIED WITH AN ACCEPTABLE SOIL STABILIZER. (POLYACRYLAMIDE).



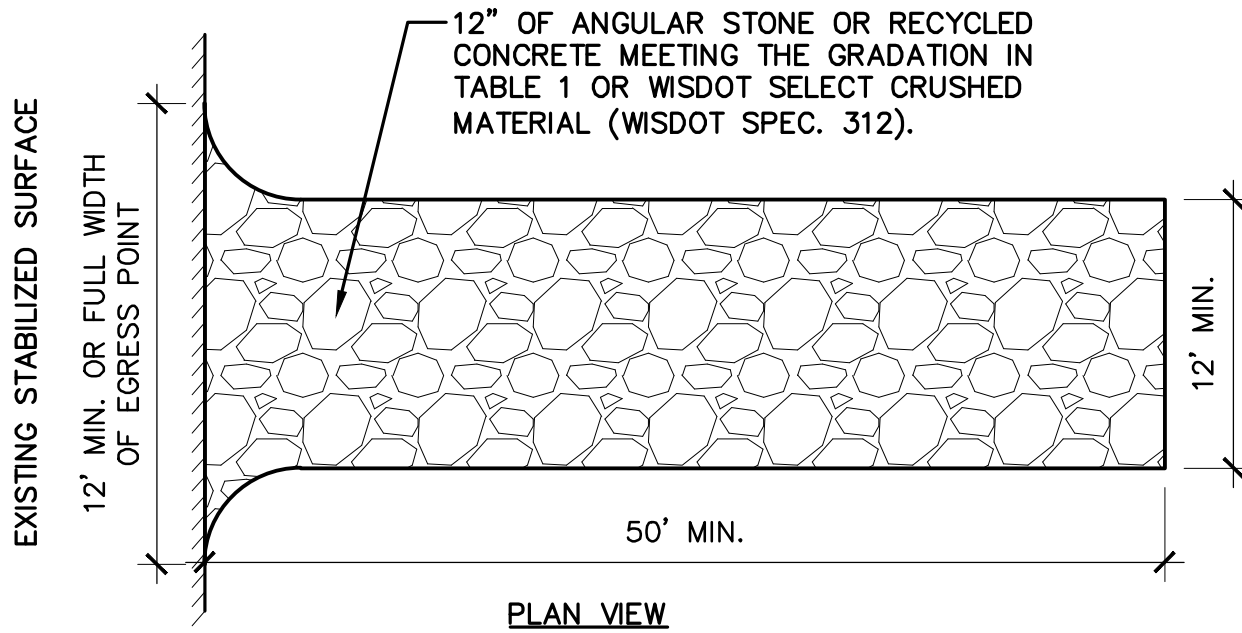
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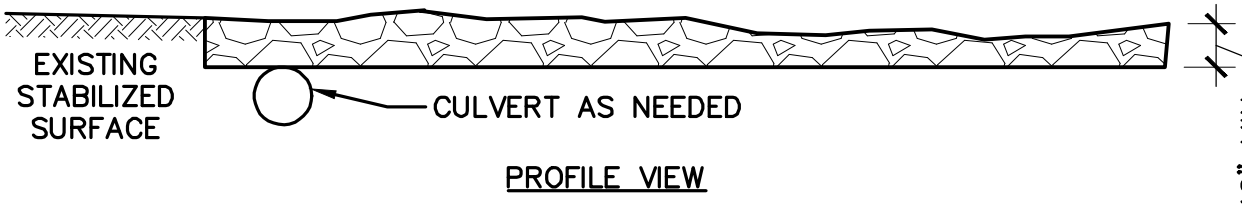
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C102

STONE WEEPER

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PLAN VIEW



PROFILE VIEW

1
C102

STONE TRACKING PAD

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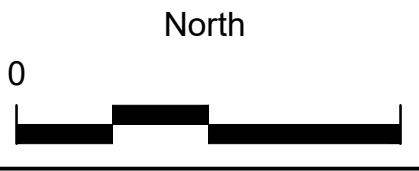
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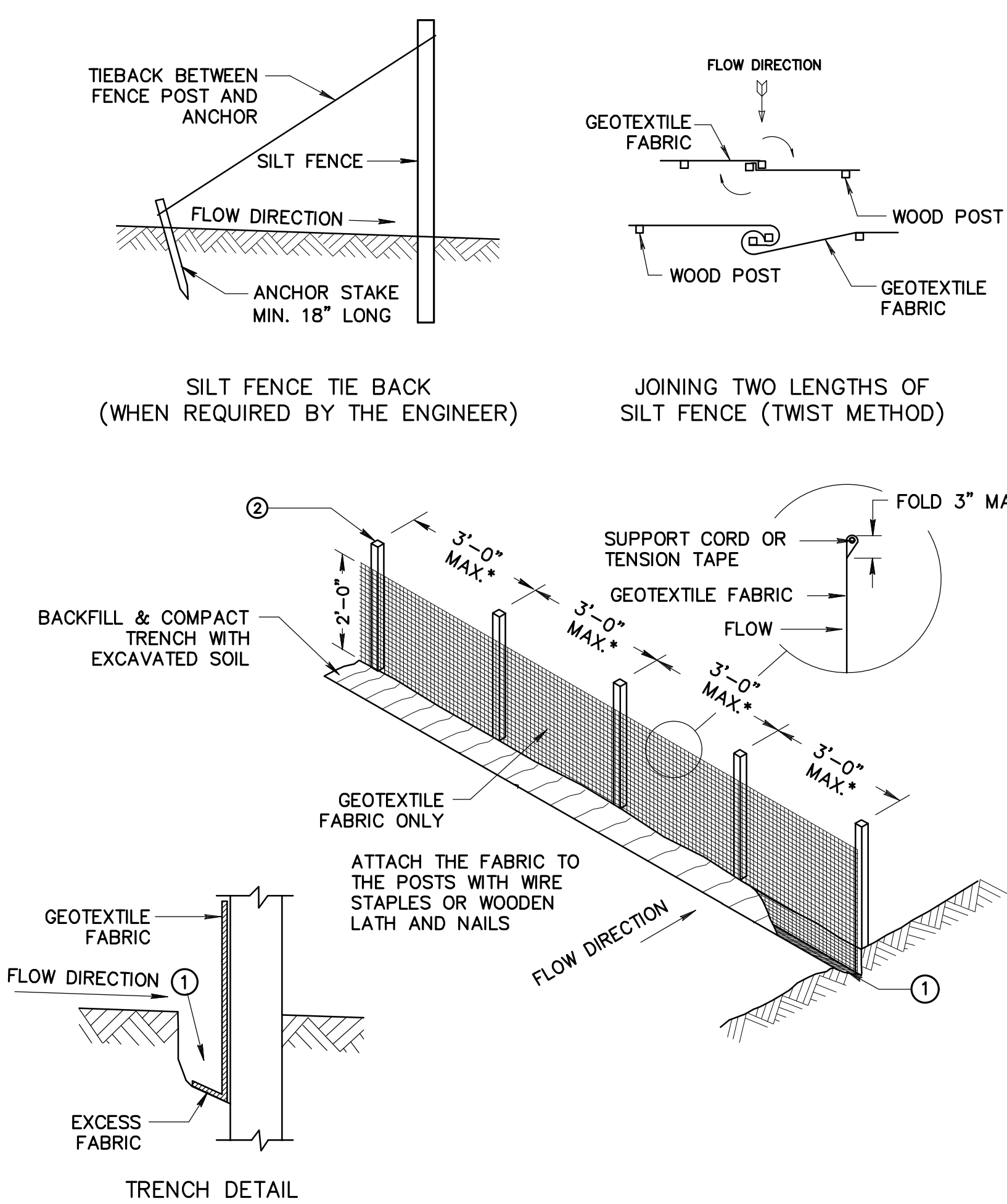
GENERAL NOTES



Sheet Number

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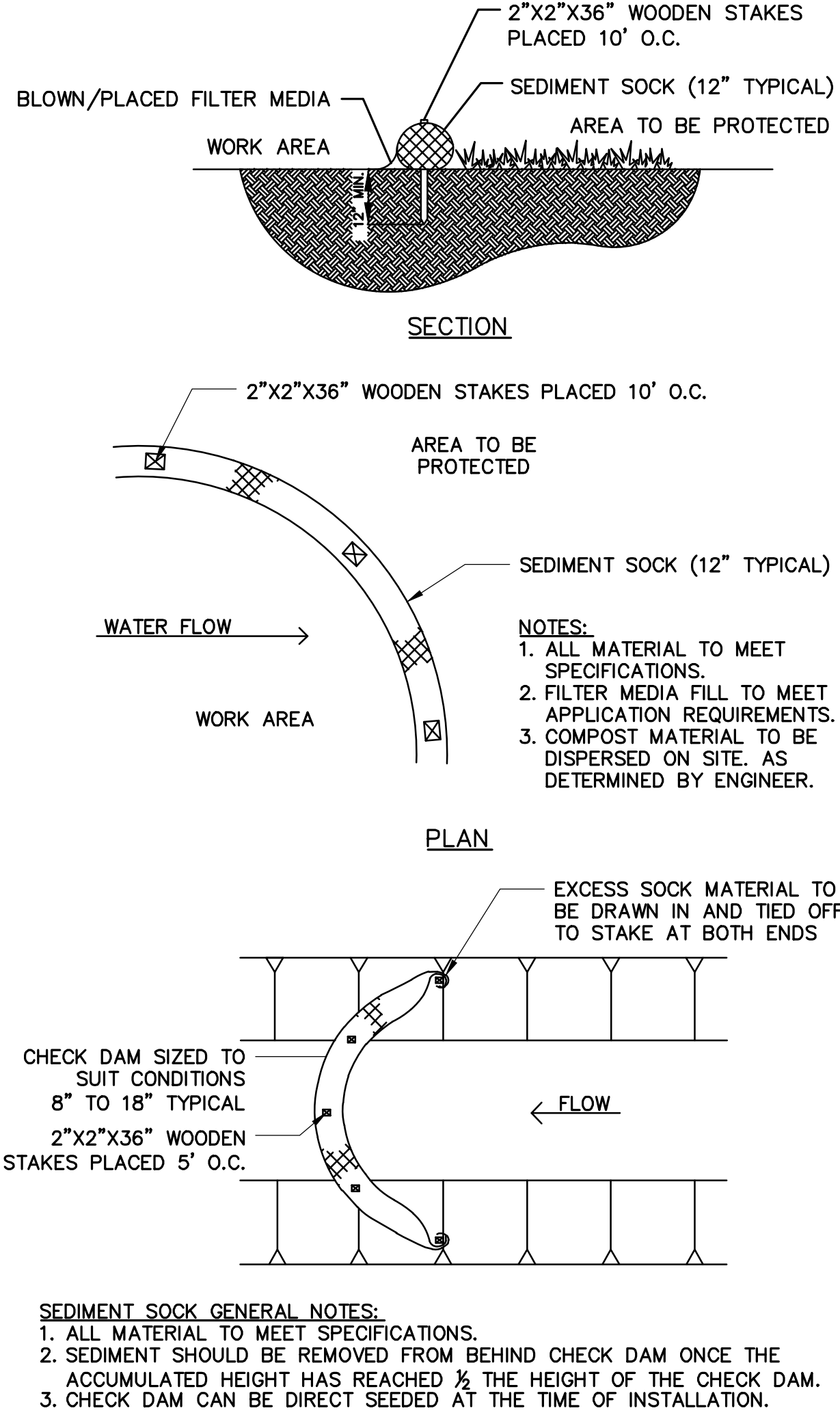


SILT FENCE GENERAL NOTES:

- FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POSTS SHALL BE A MINIMUM SIZE OF 3' LENGTH OF OAK OR HICKORY
- ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS
- DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
- THE MAXIMUM SPACING OF POSTS FOR WOVEN FABRIC SILT FENCE SHALL BE 8 FEET AND FOR NON-WOVEN FABRIC, 3 FEET.
- 8" OF FENCE FABRIC REQUIRED BELOW GRADE IN TRENCH PER DNR TECH STD. 1056
- MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WDOT PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
- FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x4".
- EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH WDNr TECHNICAL STANDARD.
- CROSS BRACE WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.
- MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.
- WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C. (TYPE B)
- GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. (TYPE A)
- STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.28 LBS./LIN. FT. (WITHOUT ANCHOR) FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL, IF POSSIBLE, BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: A.) TWIST METHOD --- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B.) HOOK METHOD --- HOOK THE END OF EACH SILT FENCE LENGTH.

1 SILT FENCE AND SEDIMENT SOCK
C103

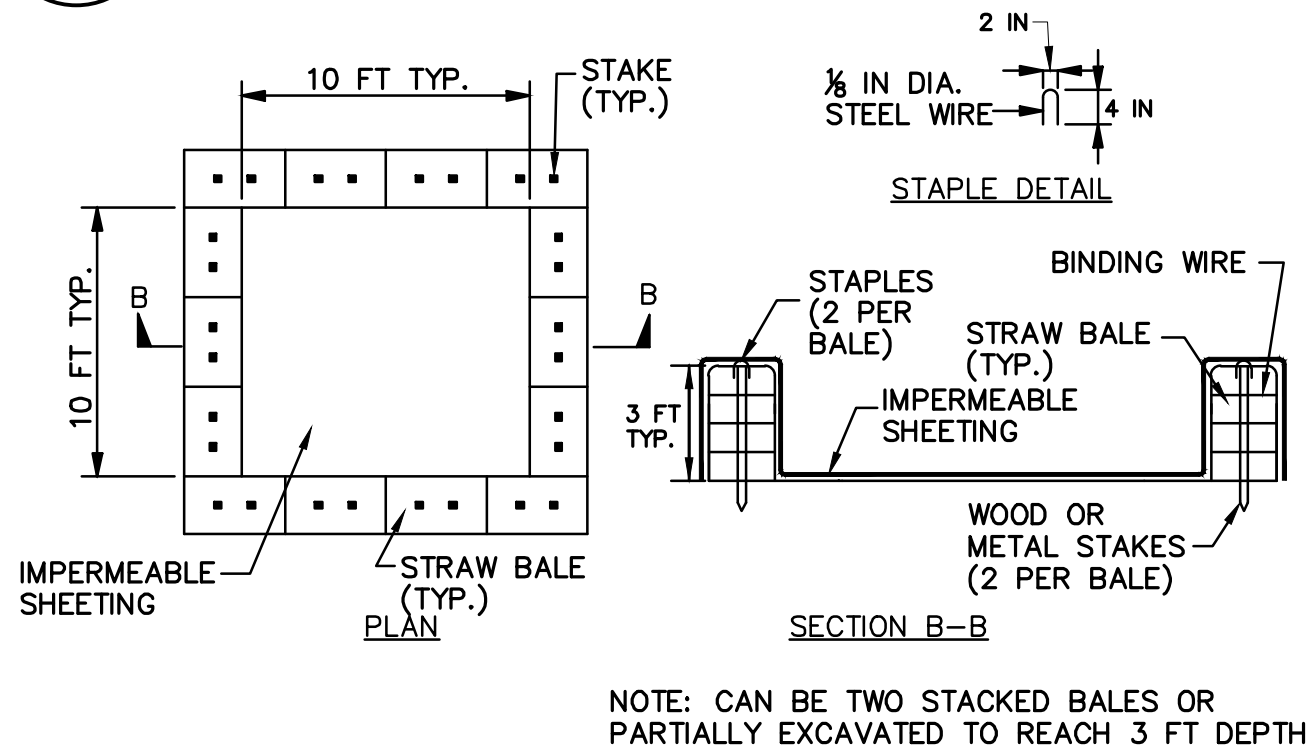
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- SEDIMENT SOCK GENERAL NOTES:**
- ALL MATERIAL TO MEET SPECIFICATIONS.
 - SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
 - CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.

2 INLET PROTECTION TYPES B & D
C103

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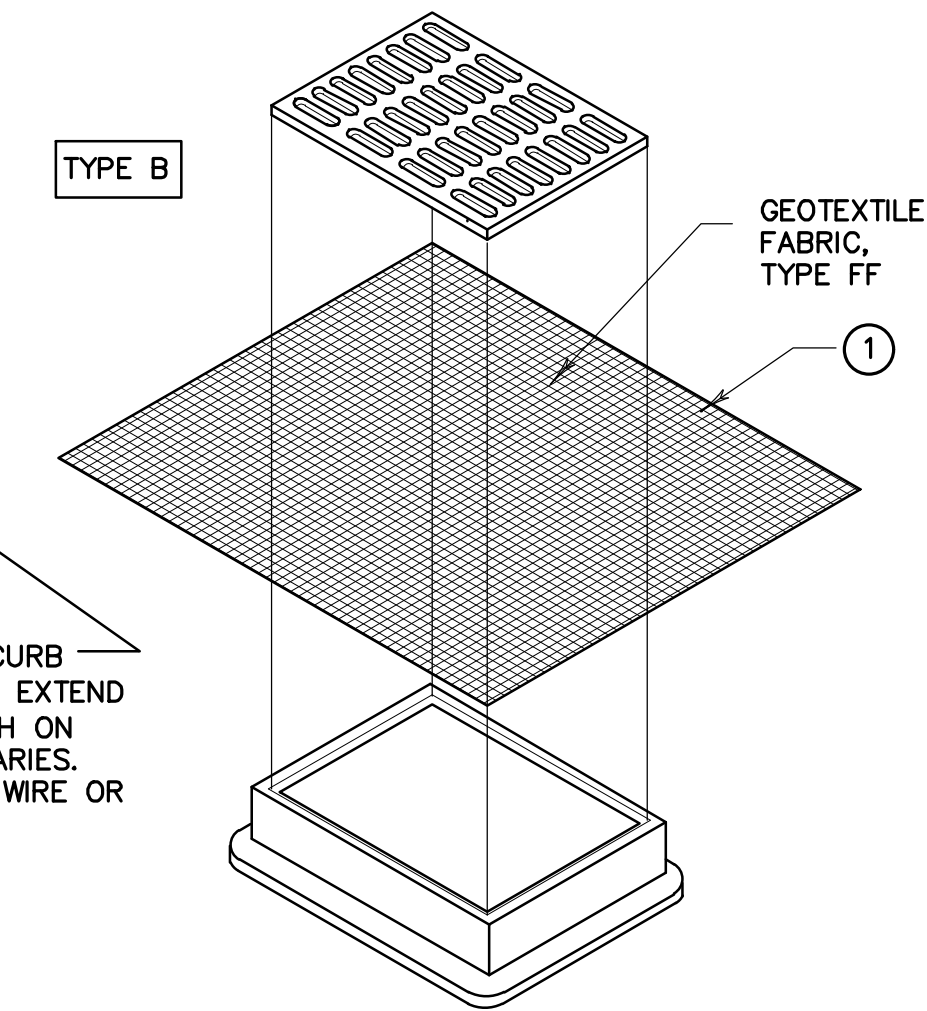


CONSTRUCTION SPECIFICATIONS

- LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
- SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
- PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
- PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
- KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

3 ONSITE CONCRETE WASHOUT STRUCTURE
C103

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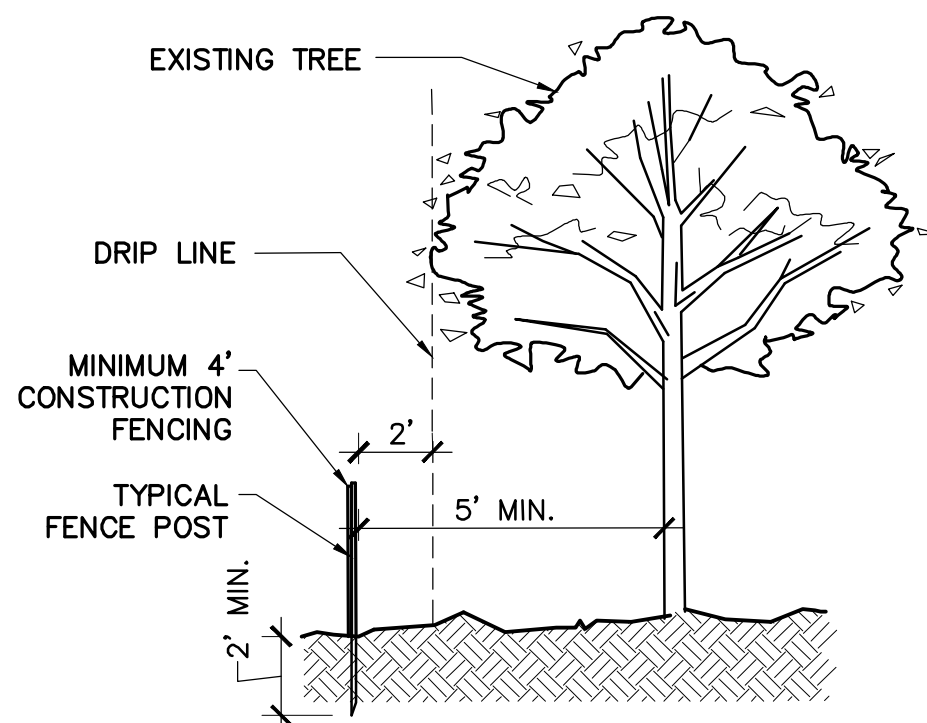
GENERAL NOTES:

CONSTRUCT PER WDNr TECHNICAL STANDARD 1060

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

- FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL

NOTE: INLET PROTECTION TYPE D SHALL BE INSTALLED ON ALL INLETS GREATER THAN 30" DEEP. USE INLET PROTECTION TYPE B ON SHALLOWER INLETS.



- NOTES:**
- NO ENTRY, NO STORAGE & NO TRENCHING IN TREE PROTECTION ZONE DURING ENTIRE SITE CONSTRUCTION.
 - FENCING TO BE LOCATED 2' BEYOND THE TREE'S DRIP LINE WHERE POSSIBLE.

4 TREE PROTECTION
C103

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DEMOLITION & E.C. NOTES

North

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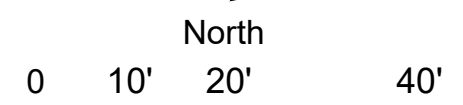
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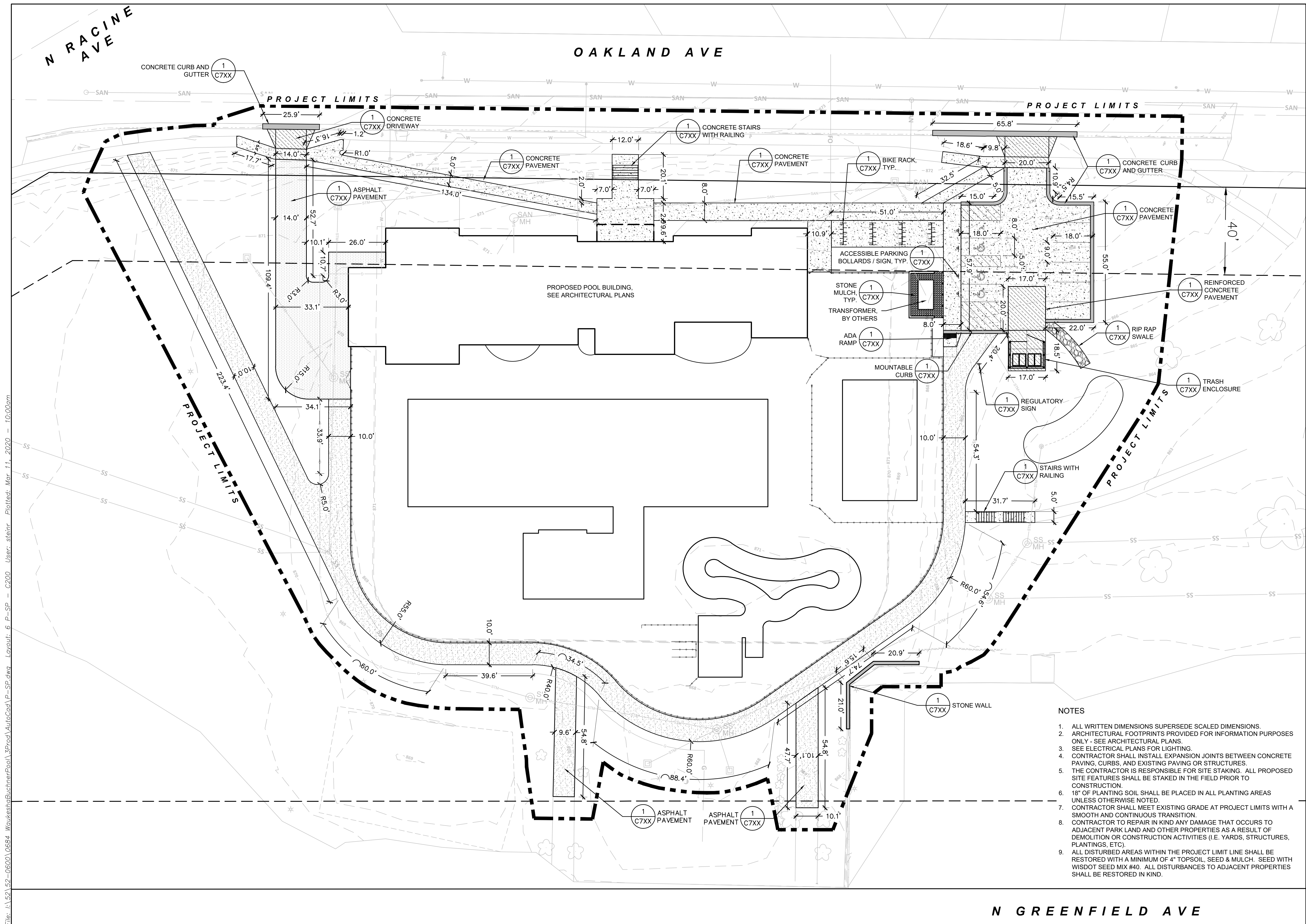
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SITE LAYOUT PLAN

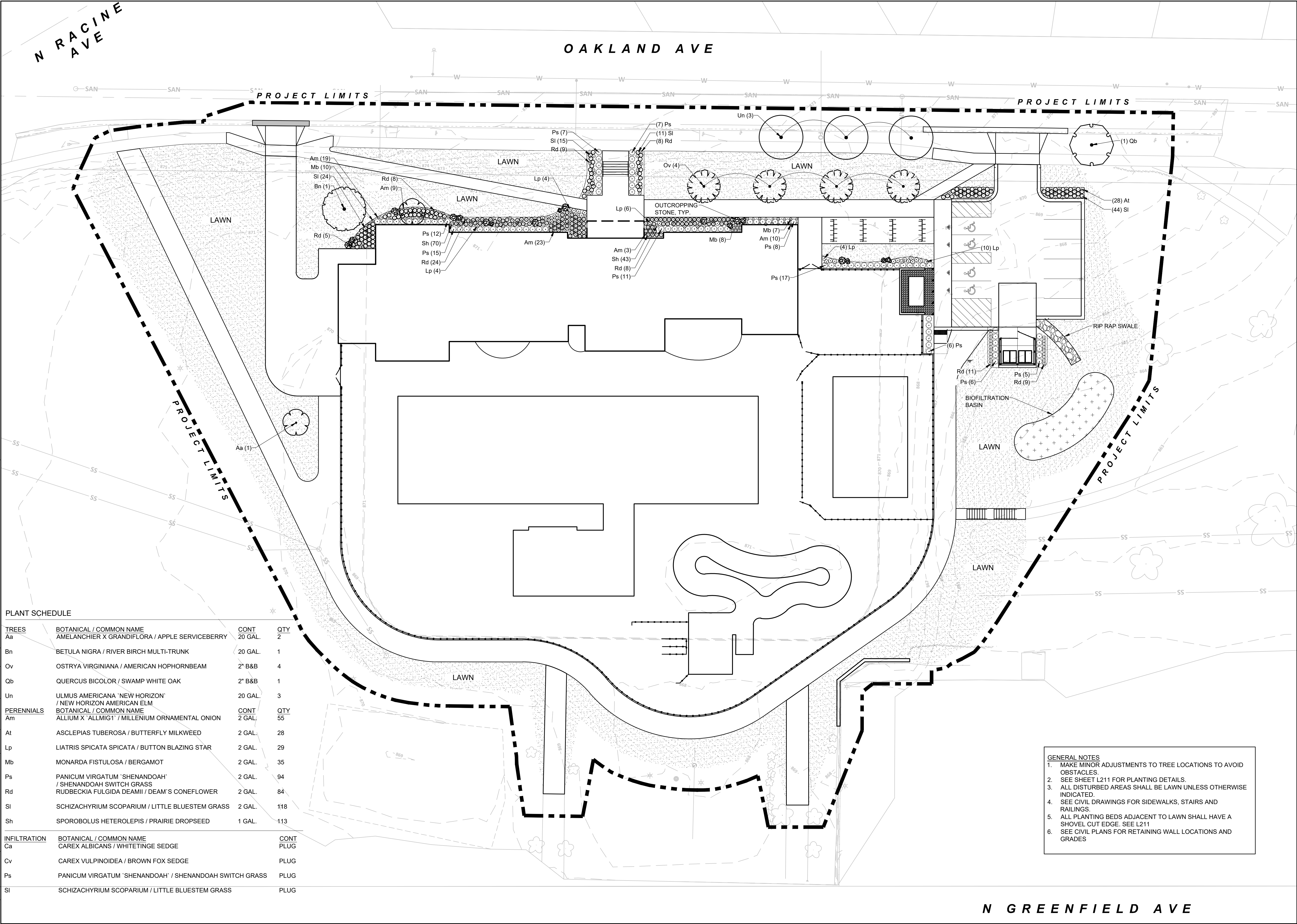


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C200



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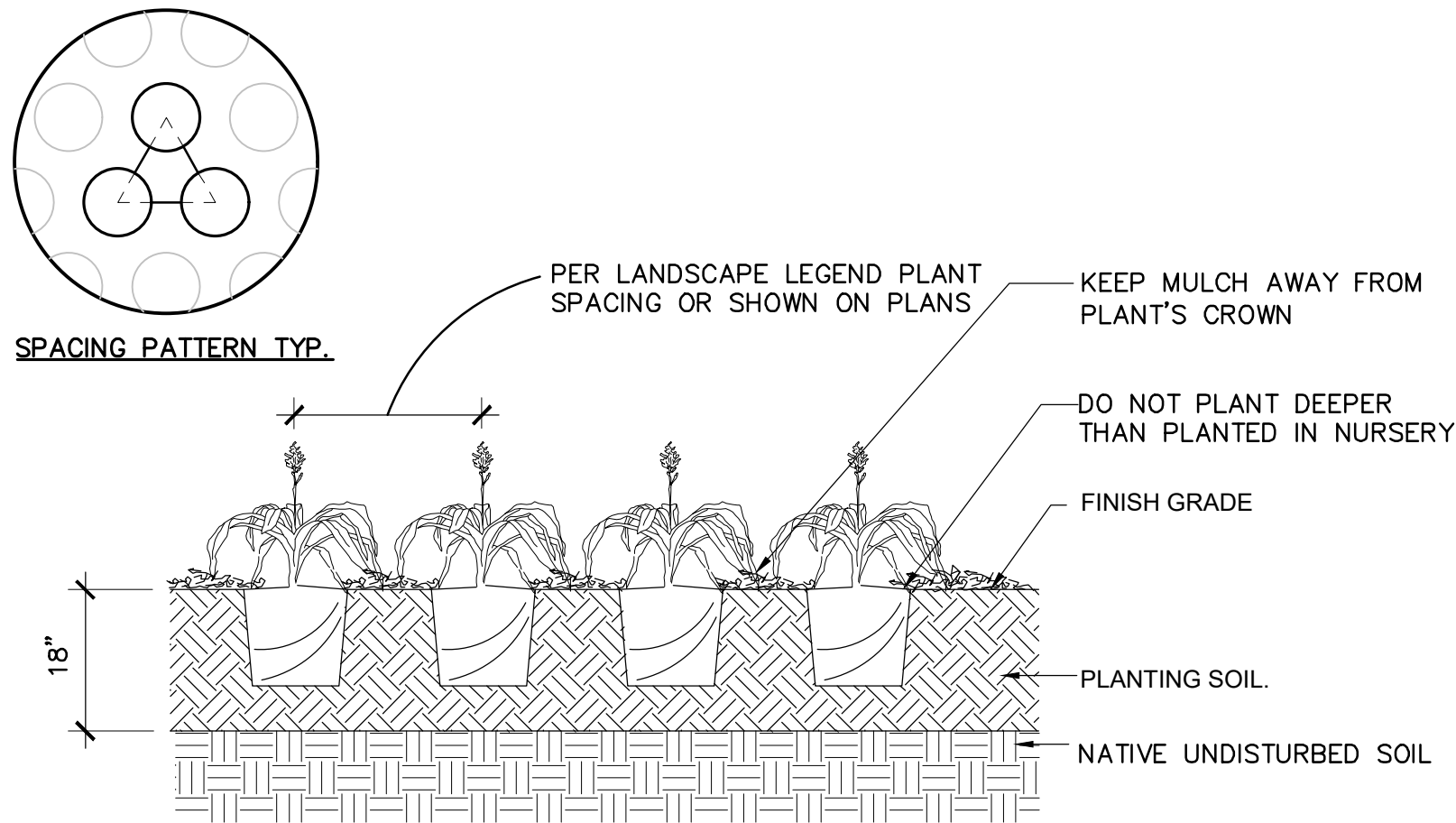
**LANDSCAPE
PLAN**

North

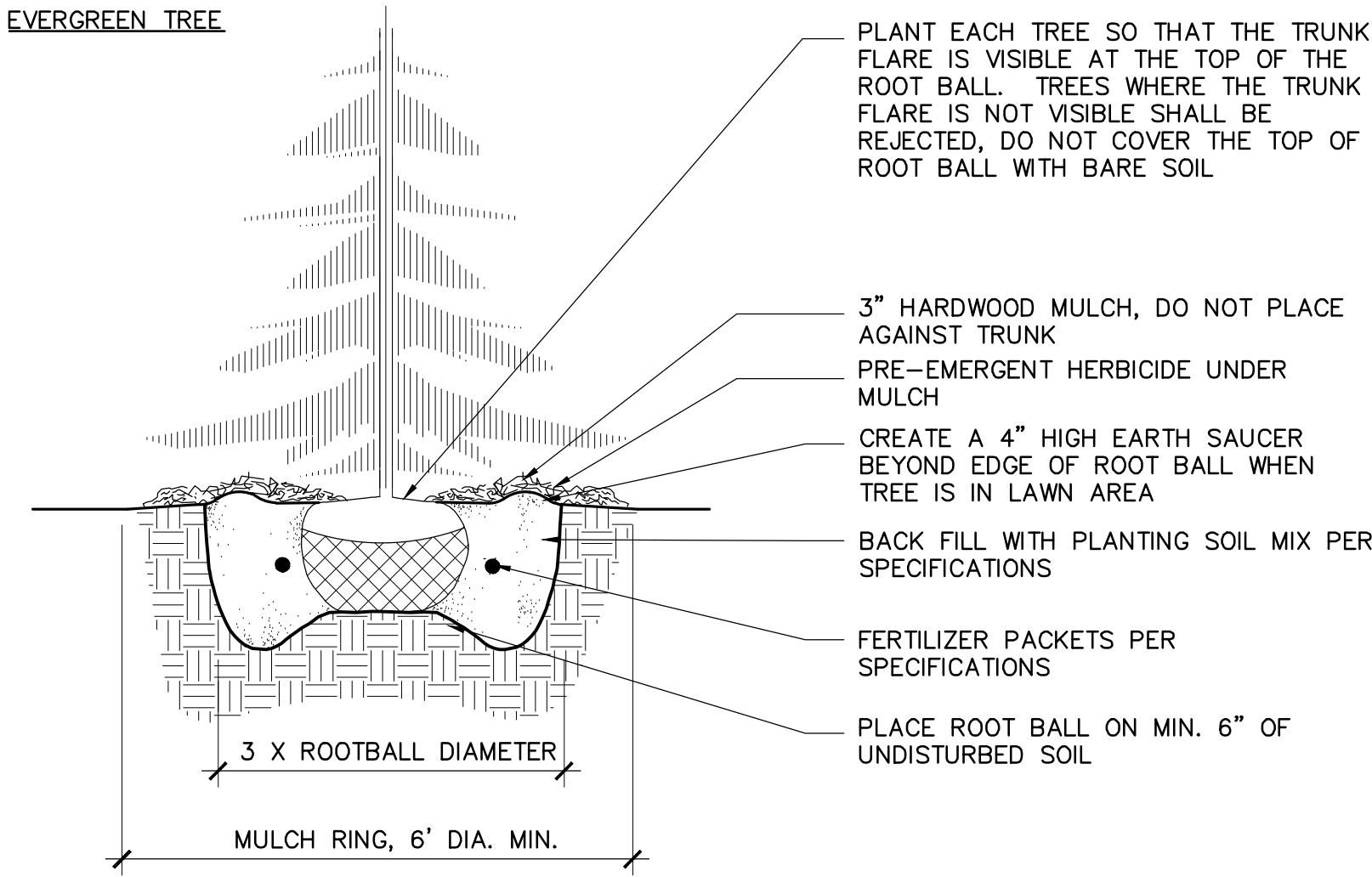
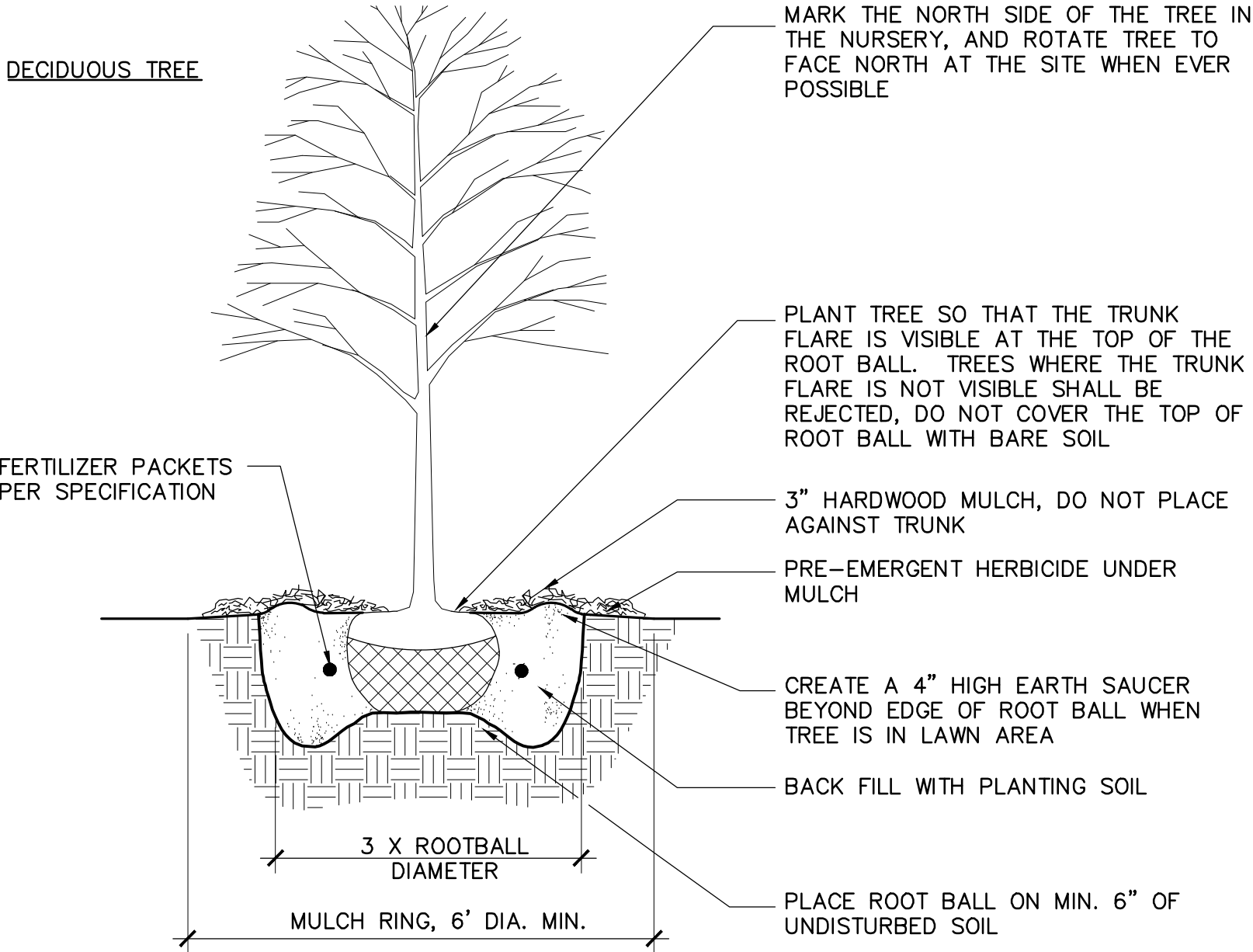
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Sheet Number

C210



1 GROUNDCOVER/PERENNIAL/BULB PLANTING DETAIL NTS



- NOTES:**
- DO NOT HEAVILY PRUNE THE TREE AT PLANTING, PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN
 - STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT
 - WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT
 - REMOVE ALL TWINE, ROPE, WIRE AND BURLAP FROM TOP AND SIDES OF ROOT BALL.

2 B&B TREE PLANTING DETAILS NTS

RESTORATION GENERAL NOTES:

- CONTRACTOR MUST HAVE A COPY OF THE WDNR WPDES PERMIT, LOCAL PERMITS, AND APPROVED PLANS AVAILABLE AT THE PROJECT SITE AT ALL TIMES UNTIL THE PROJECT IS COMPLETE.
- CONTRACTOR SHALL ALLOW ACCESS TO THE PROJECT SITE DURING REASONABLE HOURS TO ANY LOCAL, COUNTY, OR STATE EMPLOYEE WHO IS INVESTIGATING THE PROJECT'S CONSTRUCTION, OPERATION, MAINTENANCE, OR PERMIT COMPLIANCE.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED. SITE STABILIZATION INVOLVING SEEDING WHICH IS NOT COMPLETED PRIOR TO SEPTEMBER 15 SHALL BE COMPLETED WITH DORMANT SEEDING BY NOVEMBER 1.
- WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR HAVE BEEN TEMPORARILY SUSPENDED FOR MORE THAN FOURTEEN DAYS, OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, STABILIZATION SHALL BE IMPLEMENTED WITHIN SEVEN DAYS. TEMPORARY STABILIZATION PRACTICES SUCH AS MULCH/TACKIFIER, EROSION MAT, OR WSDOT TYPE B SOIL STABILIZER SHALL BE APPLIED TO THE SOIL SURFACE WHEN THE SITE IS NOT READY FOR PERMANENT RESTORATION. WHEN STABILIZATION IS NOT POSSIBLE DUE TO SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE.
- AFTER THE SITE IS UNIFORMLY STABILIZED ACROSS 80% OF THE SITE AREA, OR PRIOR TO AT THE DIRECTION OF THE ENGINEER, ALL TEMPORARY EROSION CONTROL MEASURES MUST BE REMOVED AND DISPOSED OF PROPERLY. THE CONTRACTOR SHALL MAKE ALL REPAIRS OF LAWNS AND LANDSCAPED AREAS FOLLOWING THE REMOVAL OF SILT SOCKS AND STAKES.

EROSION MAT NOTES

- URBAN CLASS I, TYPE A OR B EROSION MAT IS REQUIRED ON ALL SLOPES GREATER THAN 3:1 OR AS REQUIRED BY THE ENGINEER. NO PHOTOBIODEGRADABLE MATERIALS WILL BE ACCEPTED.
- EROSION MAT IS REQUIRED ALONG ALL CHANNEL BOTTOMS, MINIMUM 5-FT WIDTH. SUGGESTED LOCATIONS ARE SHOWN, ADDITIONAL AREAS AS REQUIRED BY THE ENGINEER. USE URBAN CLASS I, TYPE B ON CHANNELS LESS THAN 2% SLOPE; CLASS II, TYPE B OR C ON CHANNELS GREATER THAN 2% SLOPE.
- EROSION MAT SHALL CONSIST ENTIRELY OF BIODEGRADABLE COMPONENTS. NO PHOTOBIODEGRADABLE MATERIALS WILL BE ACCEPTED.

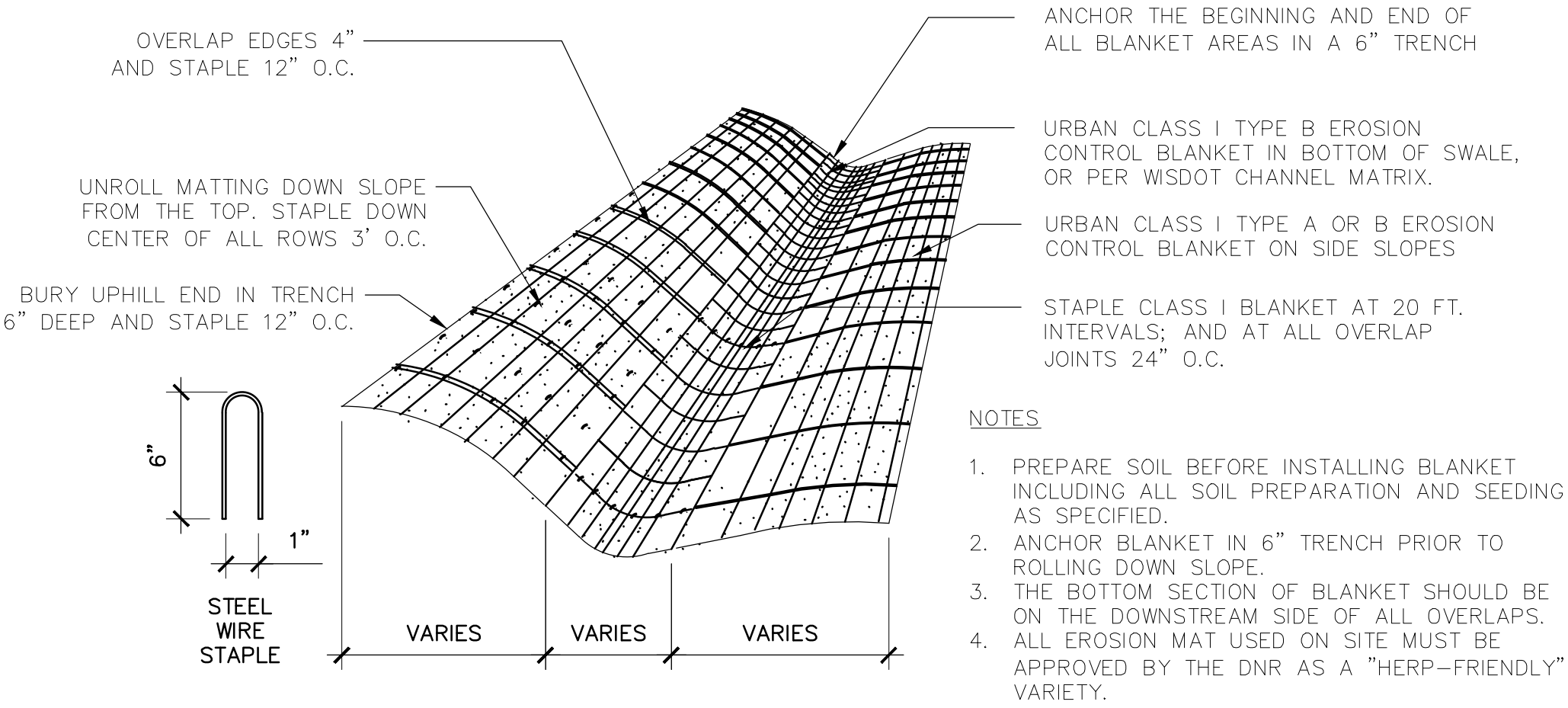
PERMANENT RESTORATION NOTES

- CONTRACTOR SHALL MEET EXISTING GRADE AT PROJECT LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
- SEED/SOD PLACEMENT SHALL EXTEND TO THE LIMITS OF CONSTRUCTION DISTURBANCE.
- ALL DISTURBED AREAS WITHIN THE PROJECT LIMIT LINE SHALL BE RESTORED WITH A MINIMUM OF 6" TOPSOIL AND HYDROMULCHED OR SODDED. SEED MIXES SHALL BE AS SHOWN. CONTRACTOR MAY NEED TO WATER RESTORED AREAS TO ENSURE A SUBSTANTIAL CATCH OF TURF GRASS, SOD, PLANTS, AND PLUGS. WATERING SHALL BE INCIDENTAL.

***SEEDING AND STABILIZATION INFORMATION & DEADLINES ARE AS FOLLOWS:**

- CONTRACTOR TO USE GENERAL FARM NORTHERN SUNNY TURF MIX AT A RATE OF 6.0 LBS/1000 SF
- LXQ 330 BRAND CREEPING RED FESCUE 19.55%
 - SR 2100 KENTUCKY BLUEGRASS 14.81%
 - BLAZER 4 PERENNIAL RYEGRASS 14.81%
 - FIELDER KENTUCKY BLUEGRASS 14.78%
 - FIESTA 4 PERENNIAL RYEGRASS 14.78%
 - WLD HORSE KENTUCKY BLUEGRASS 9.85%
 - CHEWING FESCUE 9.82%
- CONTRACTOR TO USE ANNUAL SEEDING AT A RATE OF 2.0 LBS/1000 SF
- CONTRACTOR TO APPLY FERTILIZER AT A RATE OF 2 LBS/1000 SF

AFTER SEPTEMBER 15TH, A COOL WEATHER SEEDING COVER CROP MUST BE APPLIED (I.E. OATS)
AFTER OCTOBER 15TH, A DORMANT SEEDING COVER CROP MUST BE APPLIED (I.E. WINTER WHEAT)
AFTER NOVEMBER 15TH, A DORMANT SEEDING MUST BE APPLIED WITH AN ACCEPTABLE SOIL STABILIZER (POLYACRYLAMIDE).



3 EROSION CONTROL MAT NTS

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Waukesha, Wisconsin 53188
T 262.901.0626
Website: http://www.henneman.com

Revision	Date

Project Name

BUCHNER PARK POOL

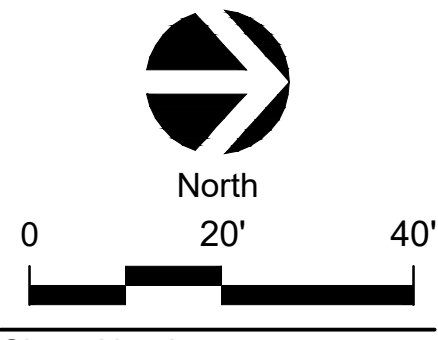
NOT FOR CONSTRUCTION

City of Waukesha
223 Oakland Ave.
Waukesha, WI 53186

Drawn By: JW
Checked By: BM
File: P-EX
Issued For: Review
Issue Date: 03.11.2020
Project No. 52-0684.00

Sheet Title

LANDSCAPE DETAILS & NOTES



Sheet Number

C211



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Revision	Date
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Project Name

BUCHNER PARK
POOL

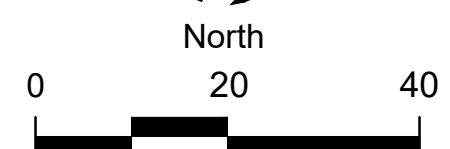
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File: P-SG
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Issue Date: 03.11.2020
Project No. 52-0684.00

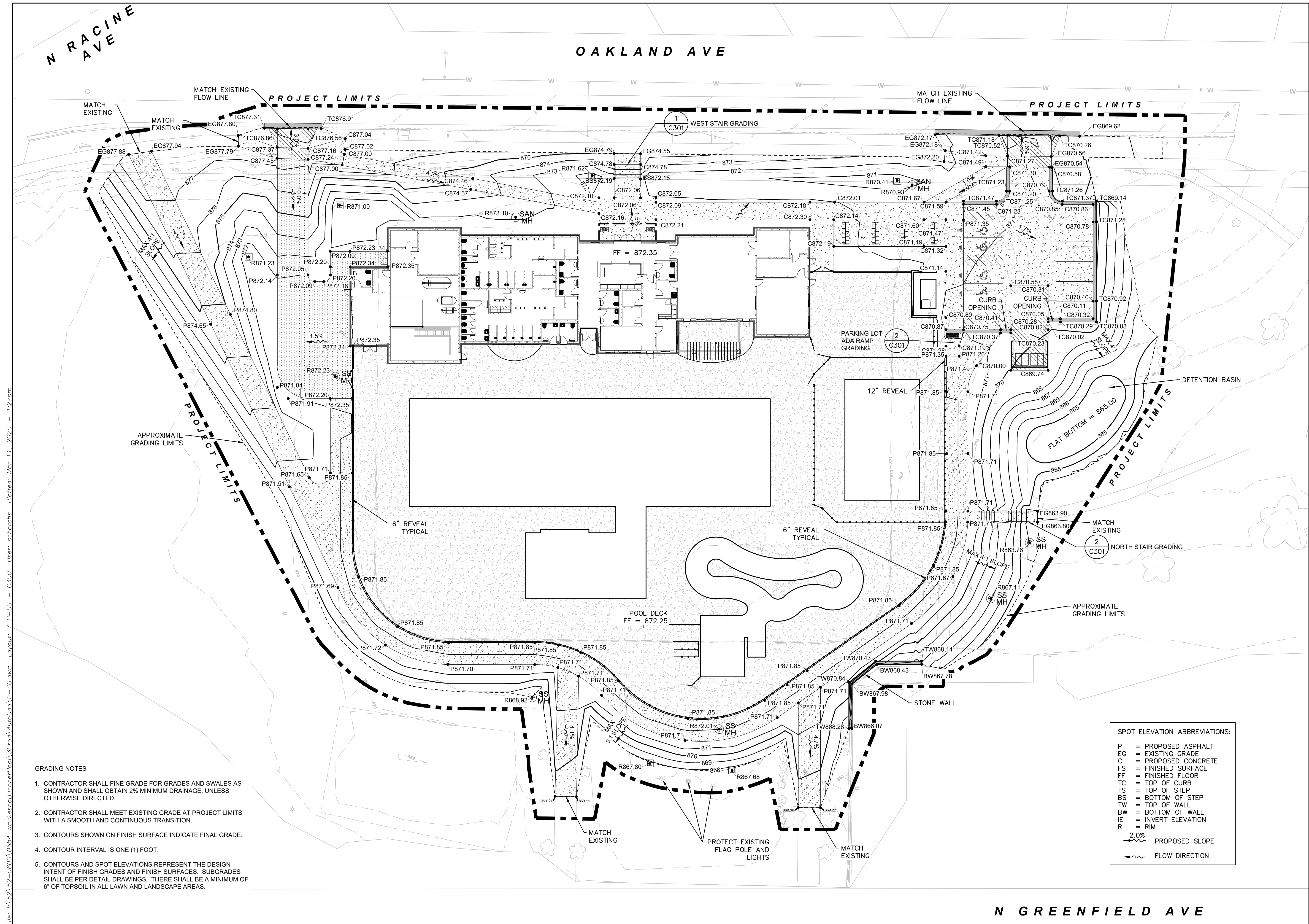
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SITE GRADING PLAN

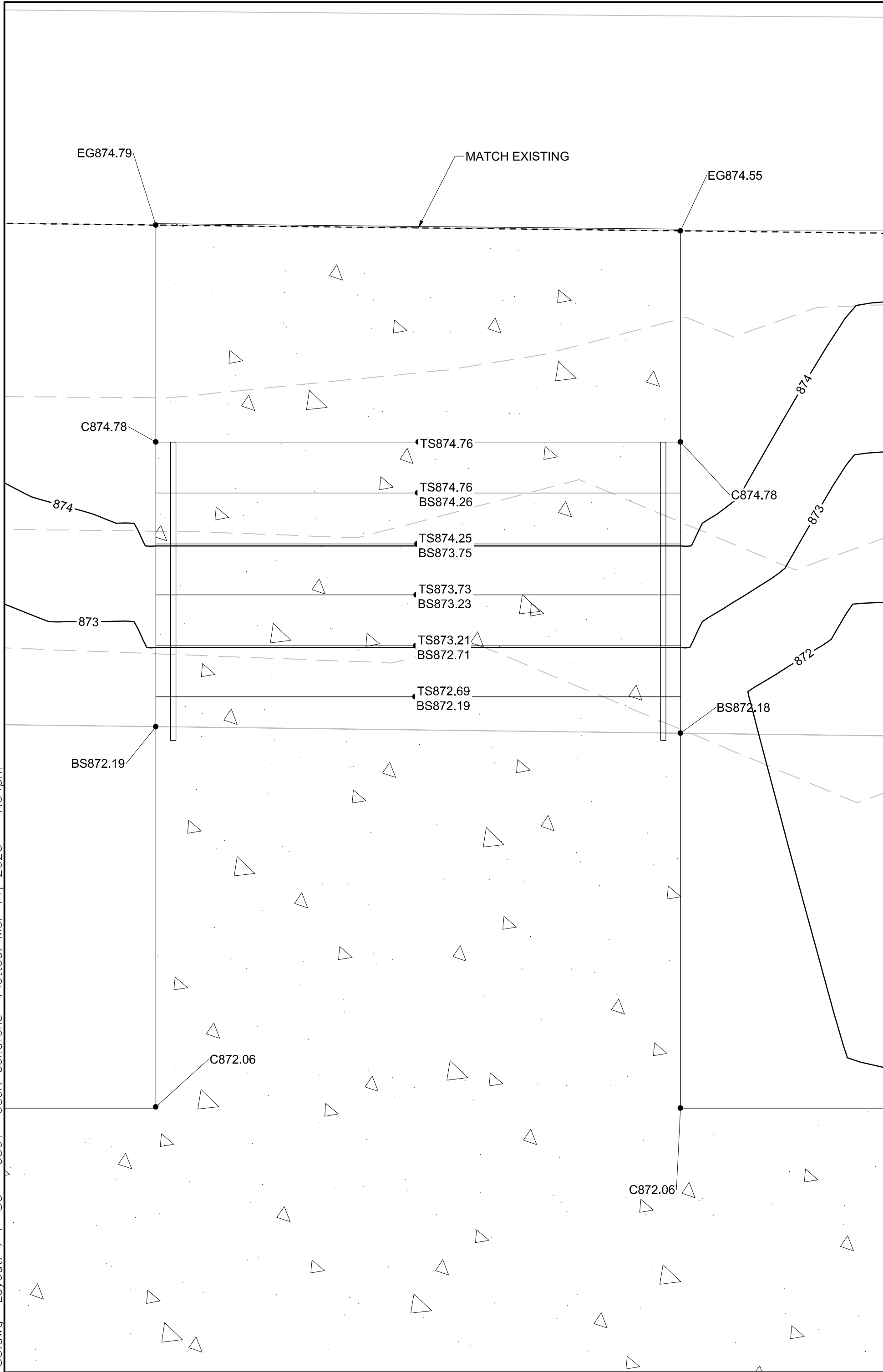


Sheet Number

C300



File: I:\52\52-0600\0684 WaukeshaBuchnerPool\3Prod\AutoCad\P-SG.dwg Layout: 7 P-SG - C301 User: scharchs Plotted: Mar 11, 2020 - 1:04pm



1
C301

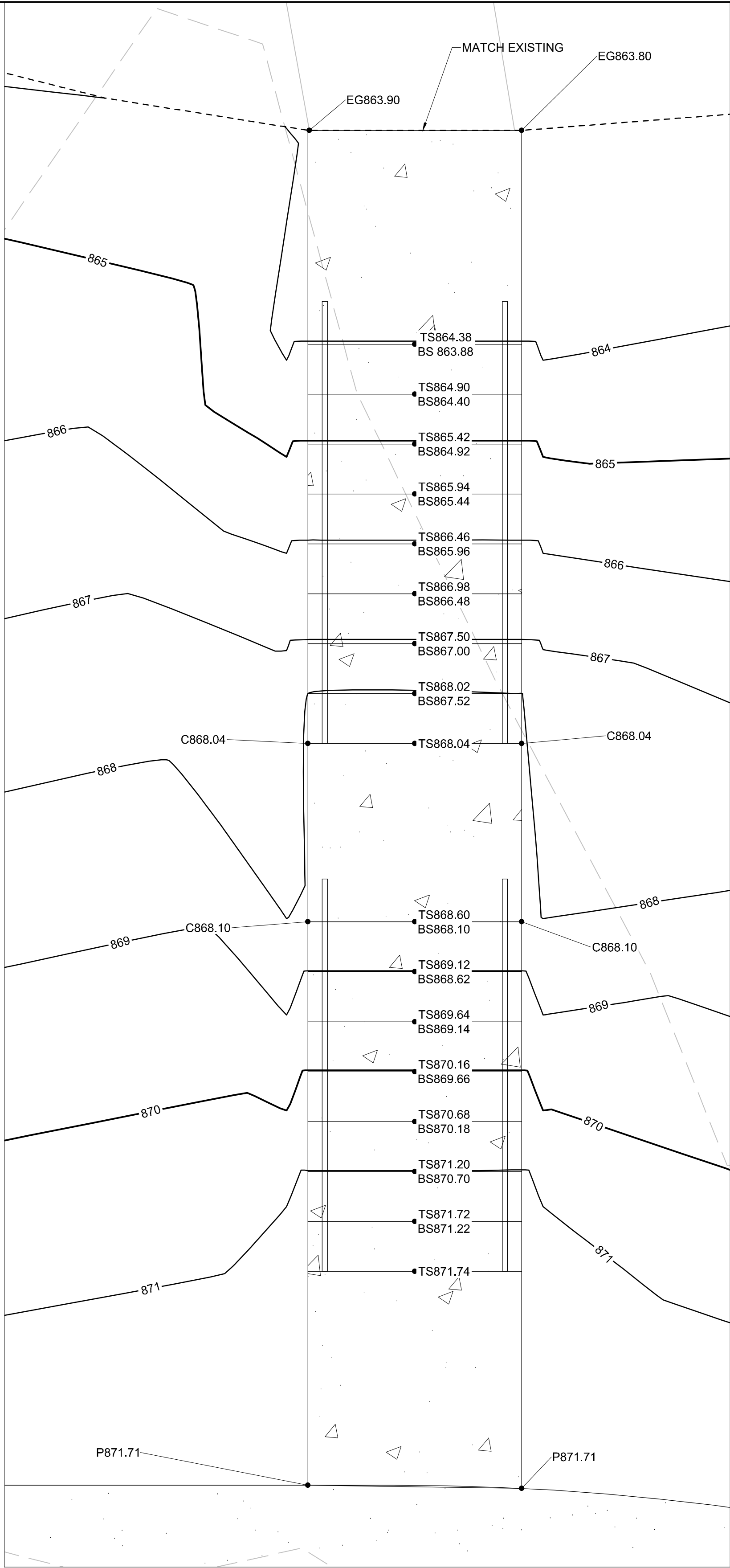
WEST STAIR GRADING

SCALE 1" = 2'-0"

GRADING NOTES

1. CONTRACTOR SHALL FINE GRADE FOR GRADES AND SWALES AS SHOWN AND SHALL OBTAIN 2% MINIMUM DRAINAGE, UNLESS OTHERWISE DIRECTED.
2. CONTRACTOR SHALL MEET EXISTING GRADE AT PROJECT LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
3. CONTOURS SHOWN ON FINISH SURFACE INDICATE FINAL GRADE.
4. CONTOUR INTERVAL IS ONE (1) FOOT.
5. CONTOURS AND SPOT ELEVATIONS REPRESENT THE DESIGN INTENT OF FINISH GRADES AND FINISH SURFACES. SUBGRADES SHALL BE PER DETAIL DRAWINGS. THERE SHALL BE A MINIMUM OF 6" OF TOPSOIL IN ALL LAWN AND LANDSCAPE AREAS.

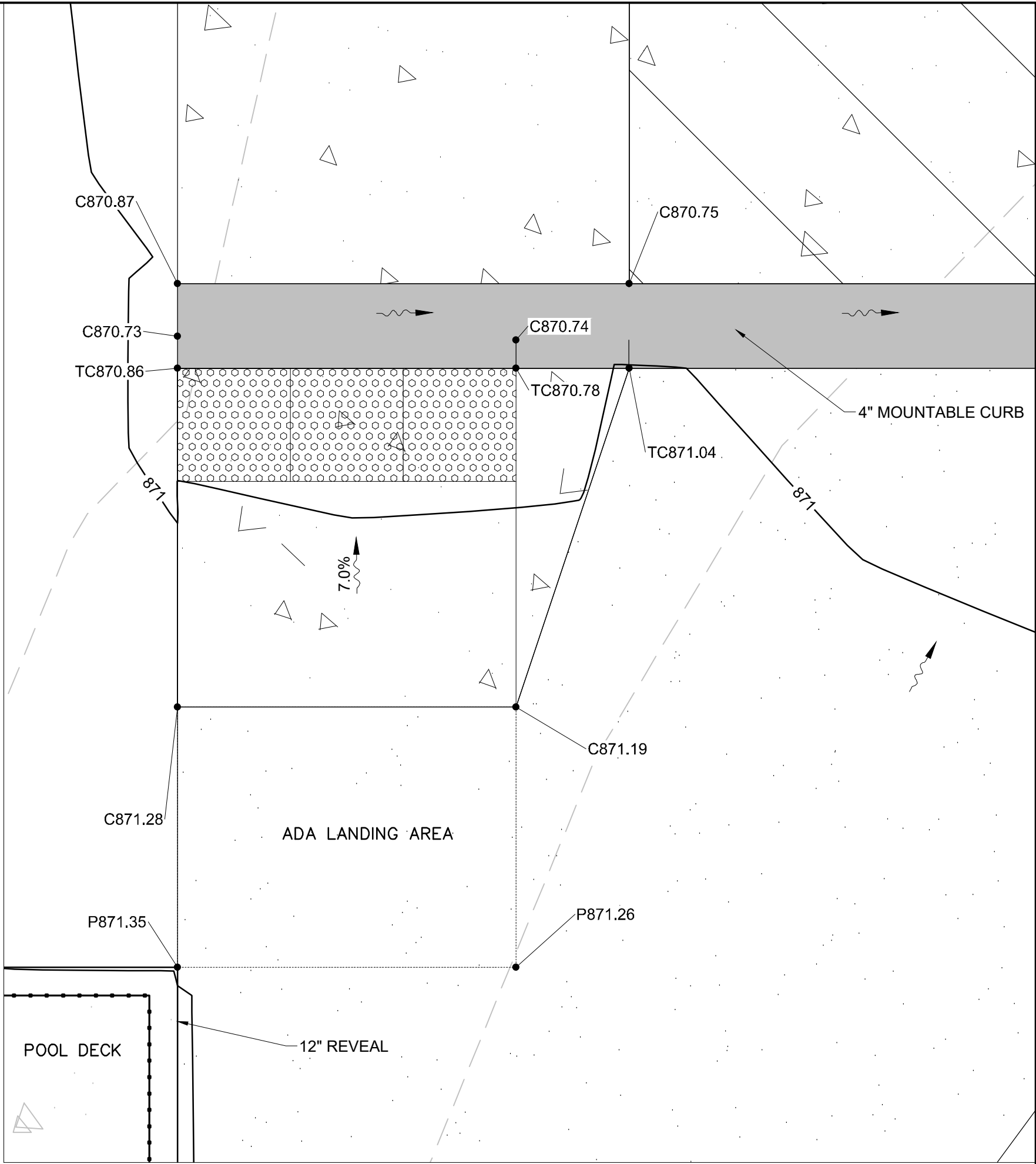
SPOT ELEVATION ABBREVIATIONS:	
P	= PROPOSED ASPHALT
EG	= EXISTING GRADE
C	= PROPOSED CONCRETE
FS	= FINISHED SURFACE
FF	= FINISHED FLOOR
TC	= TOP OF CURB
TS	= TOP OF STEP
BS	= BOTTOM OF STEP
TW	= TOP OF WALL
BW	= BOTTOM OF WALL
IE	= INVERT ELEVATION
R	= RIM
2.0%	PROPOSED SLOPE
Flow arrow	FLOW DIRECTION



2
C301

NORTH STAIR GRADING

SCALE 1" = 2'-0"



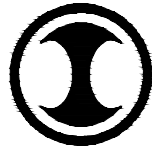
3
C301

PARKING LOT ADA RAMP GRADING

SCALE 1" = 2'-0"

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Website: http://www.henneman.com

Revision	Date

Project Name

**BUCHNER PARK
POOL**

NOT FOR
CONSTRUCTION

City of Waukesha
223 Oakland Ave.
Waukesha, WI 53186

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Checked By: BM
File: P-SG
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Issue Date: 03.11.2020
Project No. 52-0684.00

Sheet Title

**DETAILED
GRADING PLAN**

Sheet Number

C301

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BUCHNER PARK
POOL

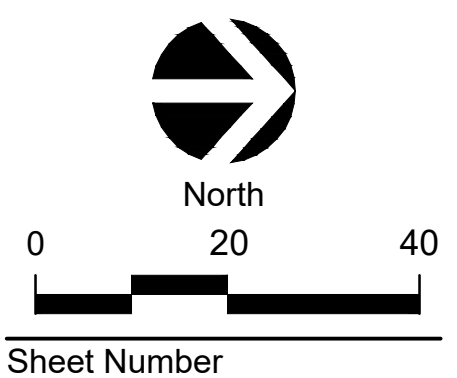
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CONSTRUCTION

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Waukesha, WI 53186

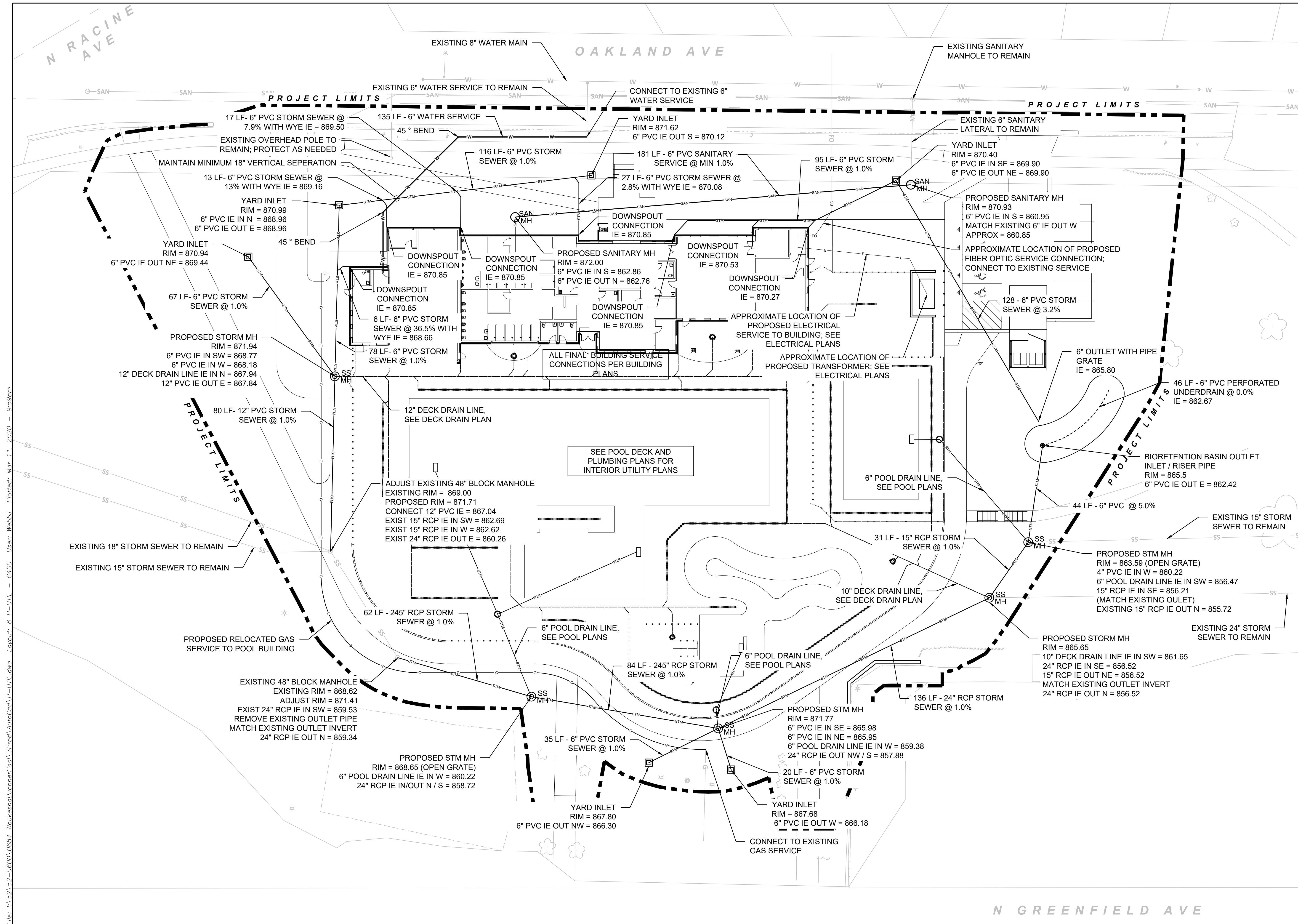
Drawn By: JW
Checked By: BM
File: P-UTIL
Issued For: Review
Issue Date: 03.11.2020
Project No. 52-0684.00

Sheet Title

**SITE UTILITY
PLAN**

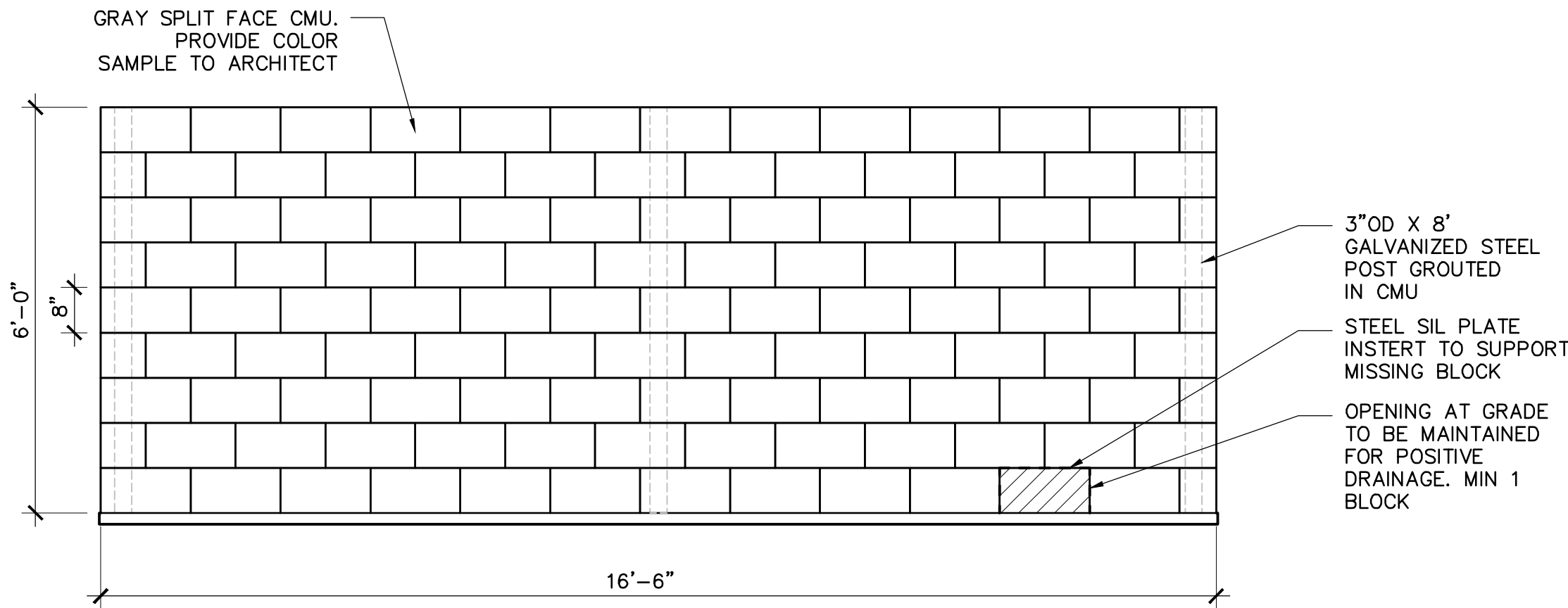


C400

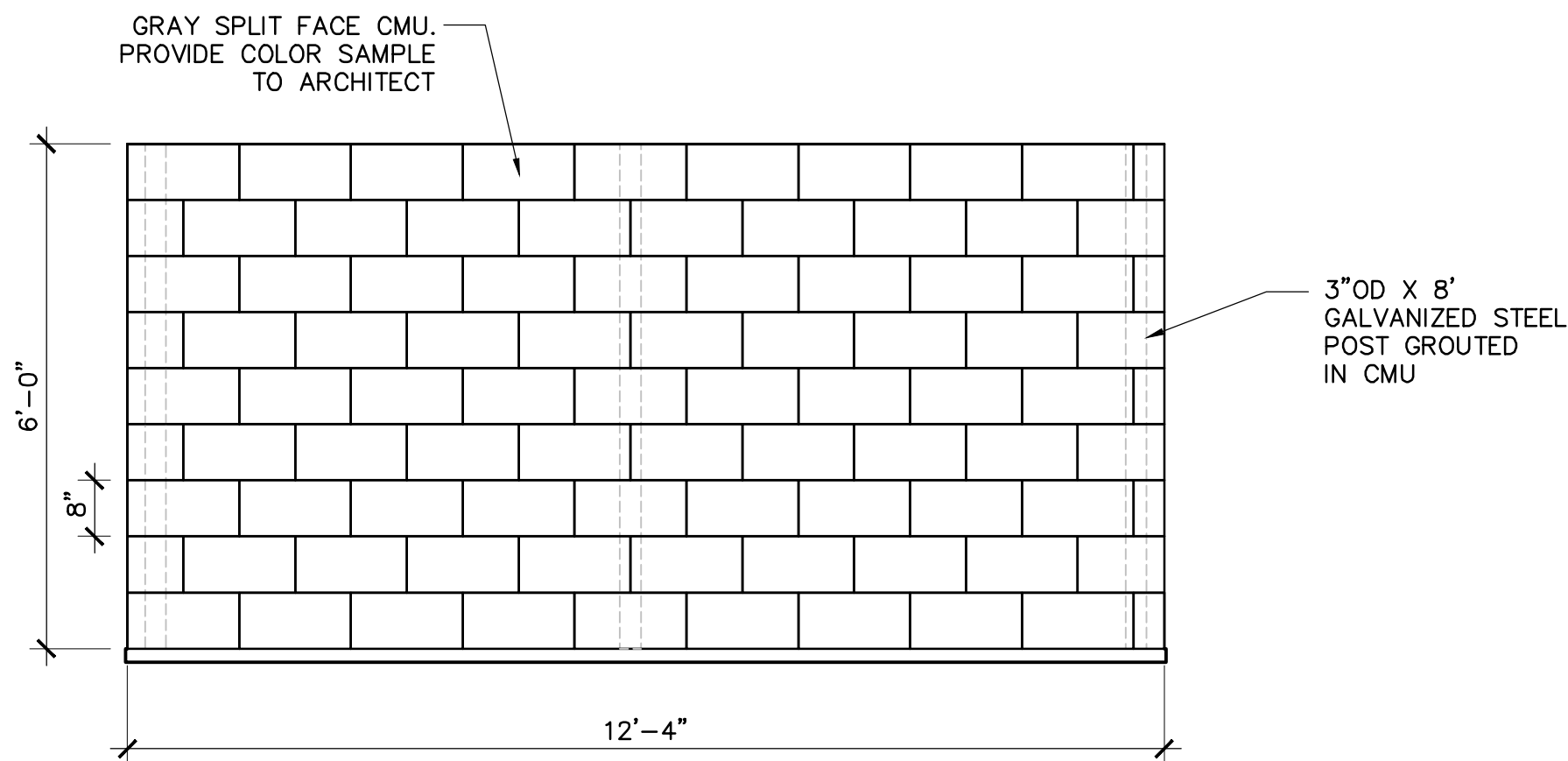


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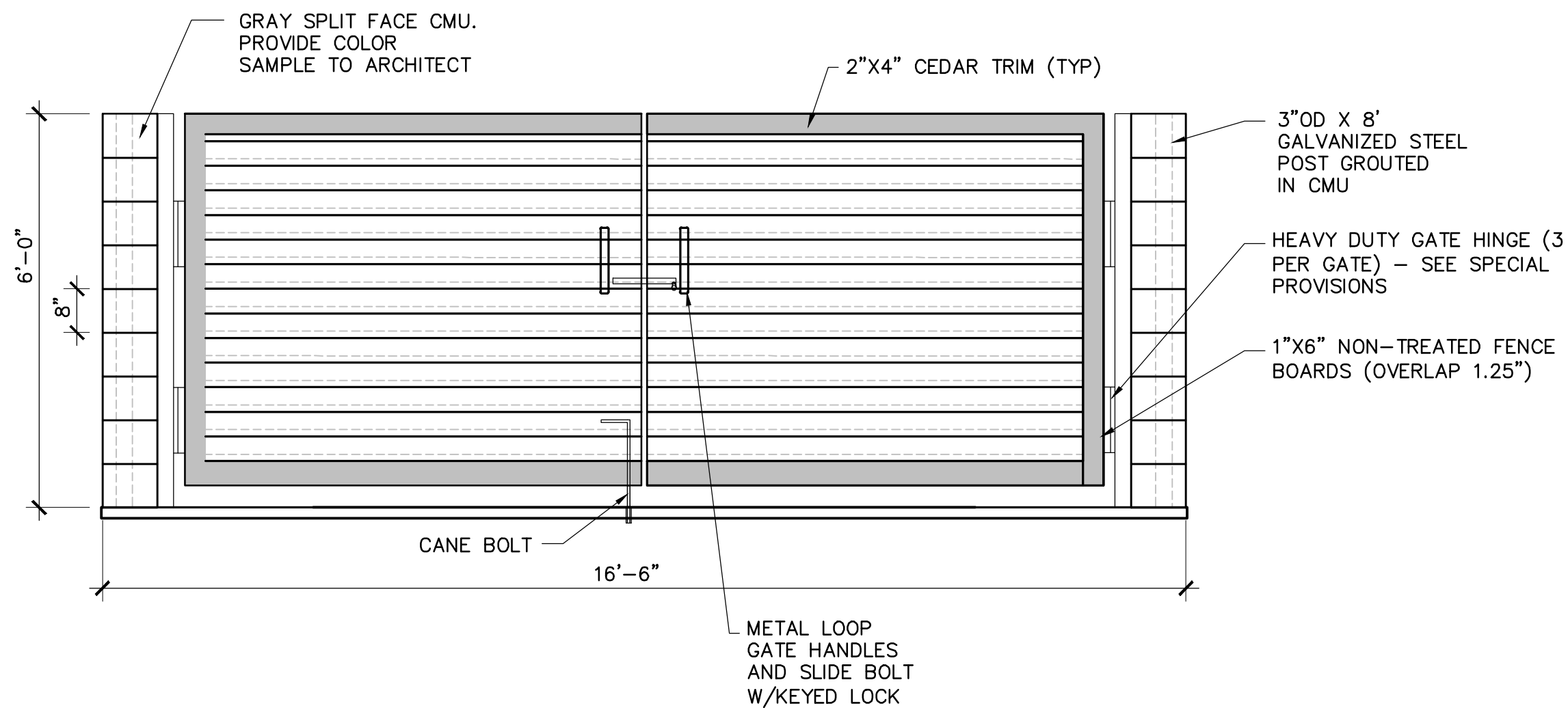
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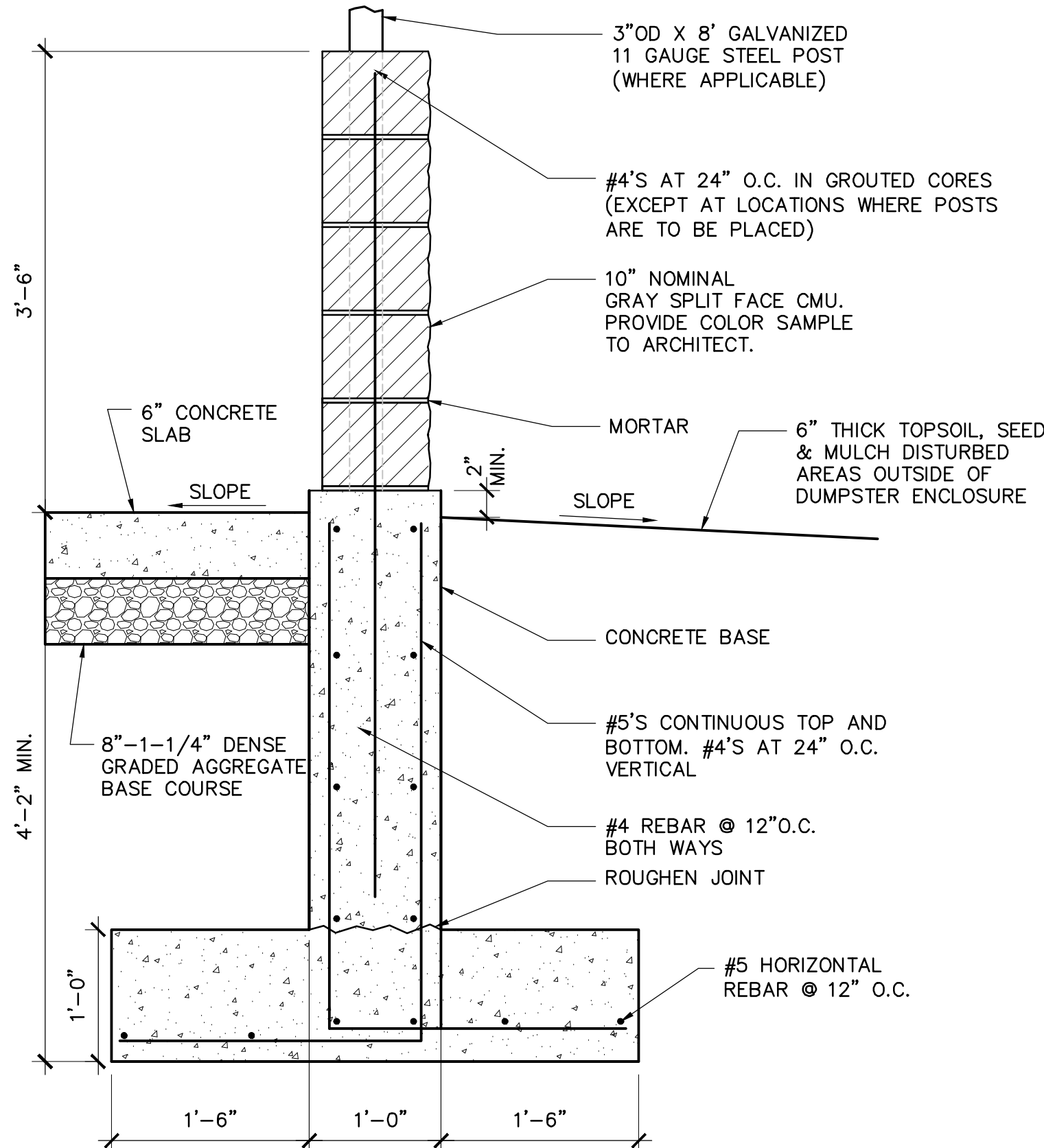
1 DUMPSTER ENCLOSURE WALL (EAST)
C700 SCALE 1" = 2'-0"



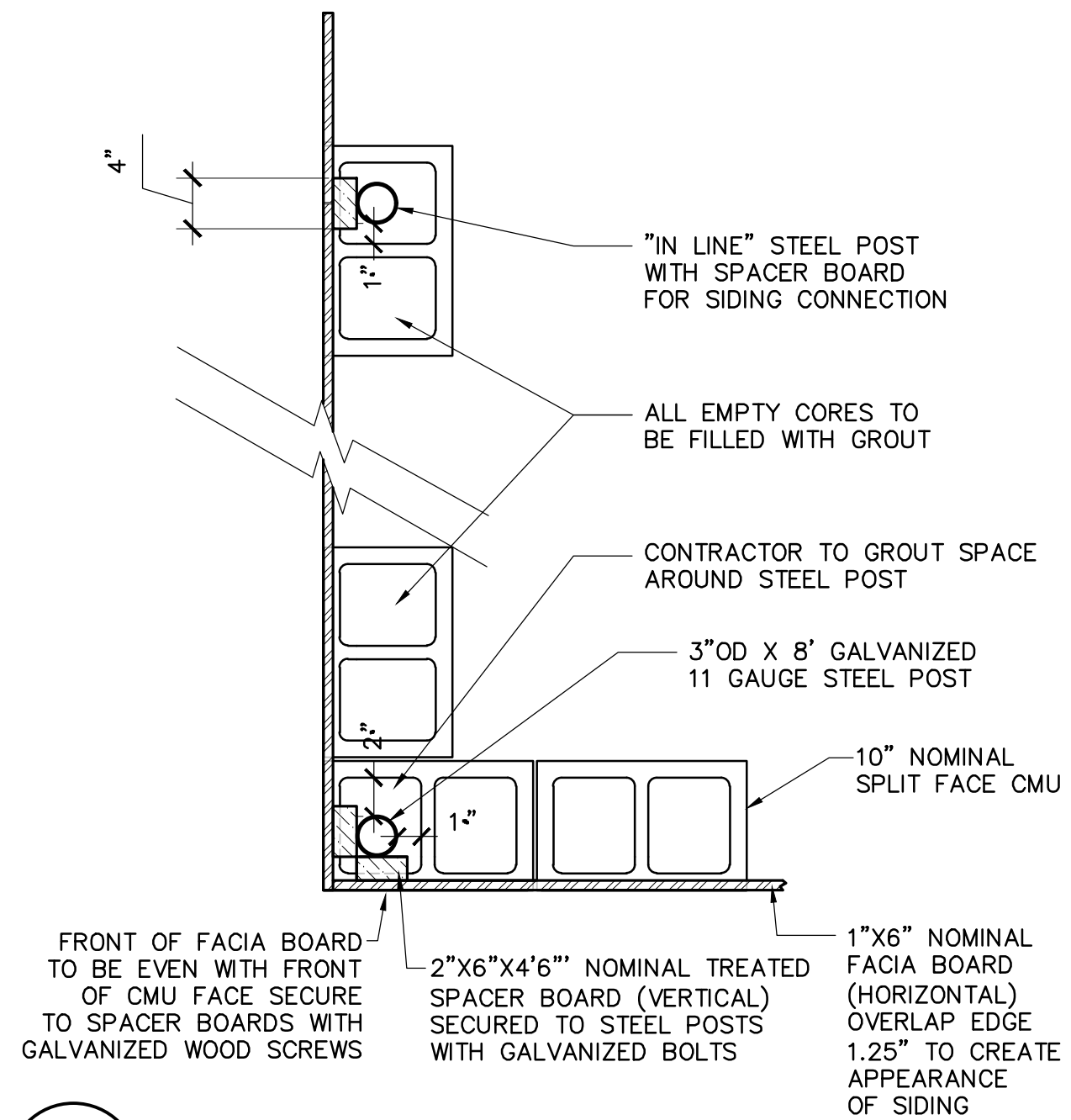
2 DUMPSTER ENCLOSURE WALL (NORTH)
C700 SCALE 1" = 2'-0"



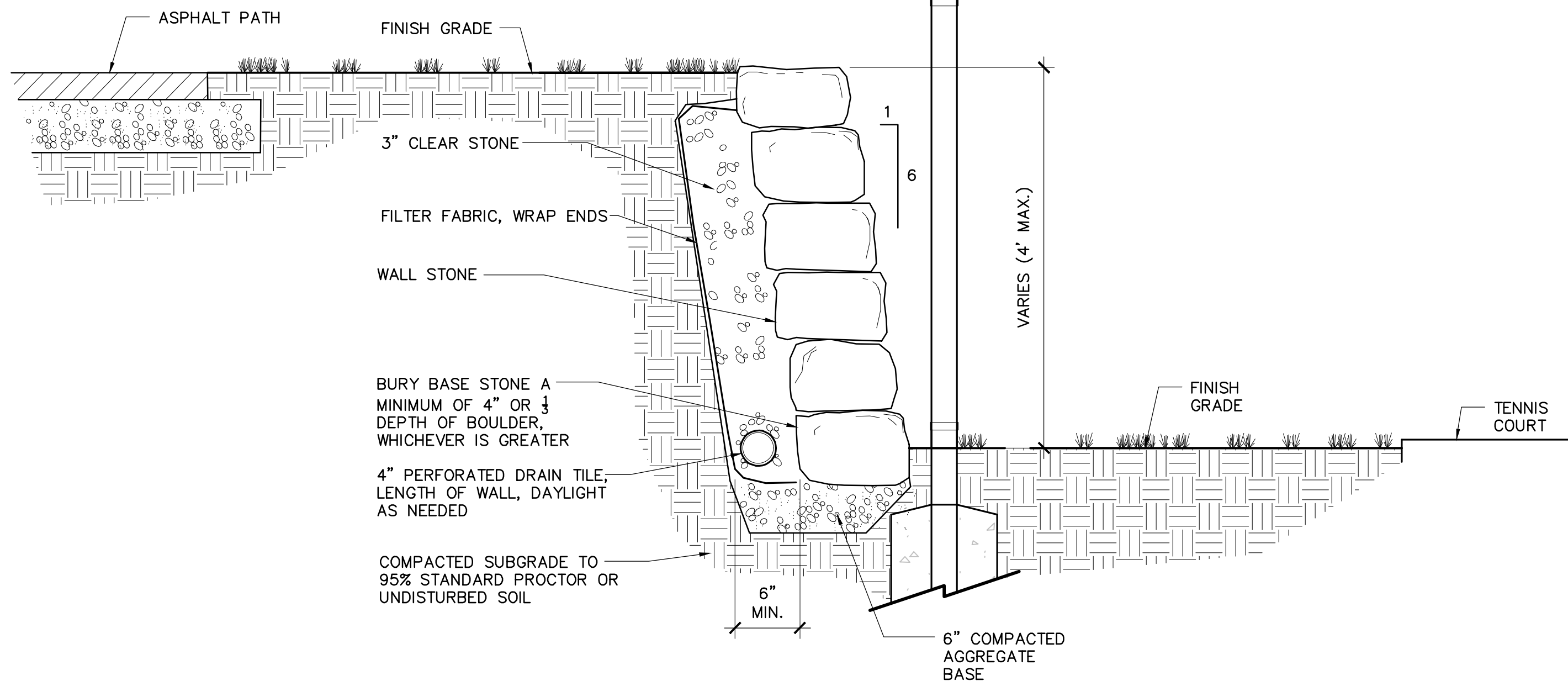
3 DUMPSTER ENCLOSURE WALL (WEST)
C700 SCALE 1" = 2'-0"



4 DUMPSTER FOOTING & FOUNDATION WALL
C700 SCALE 1" = 1'-0"



5 DUMPSTER POST & CMU PLAN VIEW
C700 SCALE 1" = 1'-0"



6 STONE WALL
C700 SCALE: 1" = 1'-0"

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Revision	Date

Project Name

**BUCHNER PARK
POOL**

**NOT FOR
CONSTRUCTION**

City of Waukesha
223 Oakland Ave.
Waukesha, WI 53186

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Issued For: Review
Issue Date: 03.11.2020
Project No. 52-0684.00

Sheet Title

DETAILS

0
Sheet Number

C700

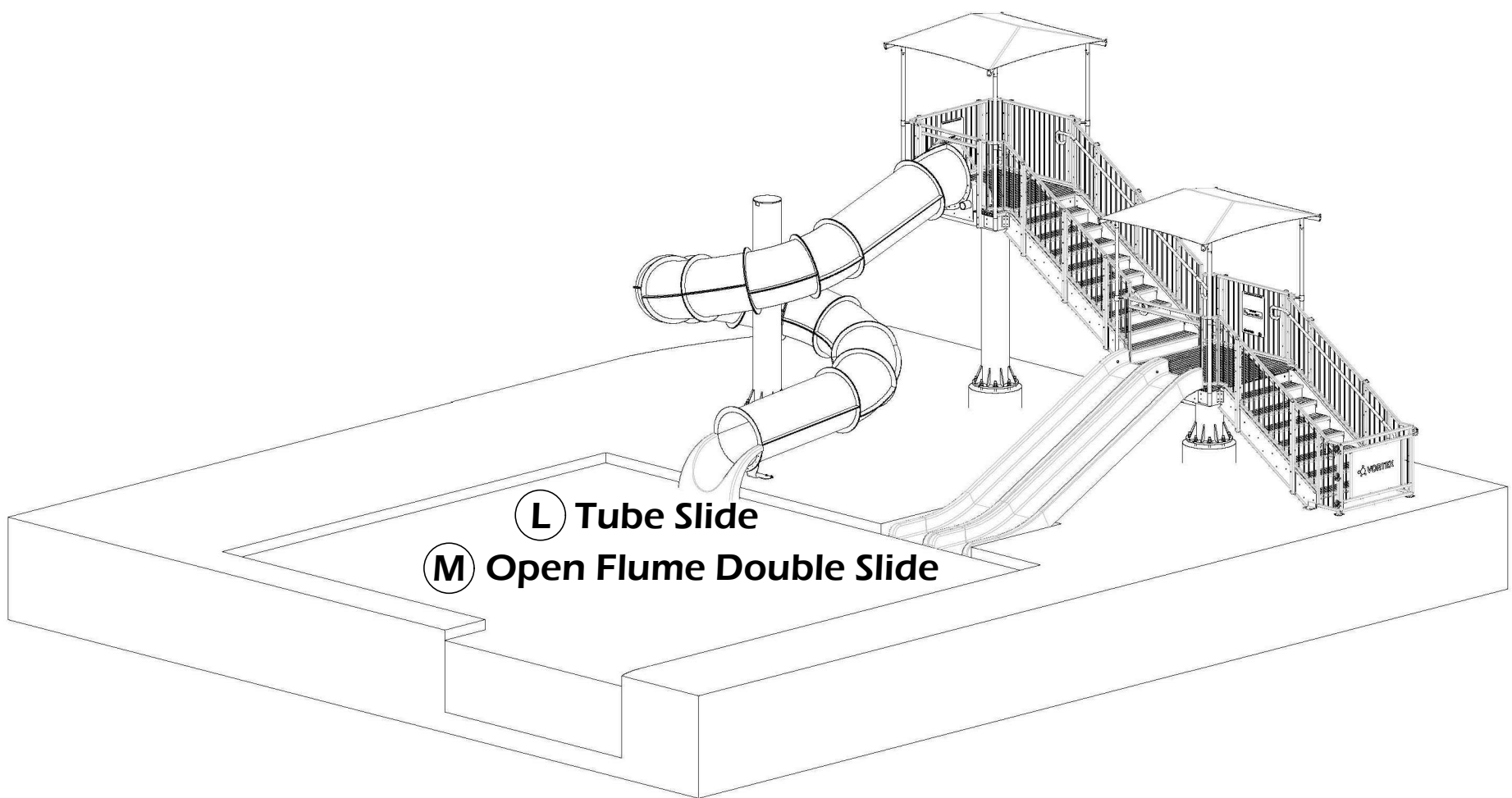
File: P:\20.001 Waukesha Buchner Pool\CAD\Pool Deck Plan.dwg Layout: SP001 User: bluem Plotted: Mar 11, 2020 9:34am



- LEGEND**
- (A) 50-Meter 7-Lane Lap Pool
 - (B) ADA Ramp Entry
 - (C) Bench
 - (D) Wide Stairs
 - (E) Wading Pool
 - (F) Zero Depth Entry
 - (G) Children's Slide
 - (H) Basketball Hoop
 - (I) Volleyball Net
 - (J) Starting Block
 - (K) Diving Board
 - (L) Tube Slide
 - (M) Open Flume Double Slide
 - (N) Current Channel
 - (O) Lifeguard Chair
 - (P) Deck Chair
 - (Q) Concessions Area
 - (R) Exterior Shower
 - (S) Light Pole

SITE STATISTICS	
Total Fenced Area	39,640 Square Feet
Total Water Surface Area	14,213 Square Feet
Total Concrete Deck Area	25,150 Square Feet
Maximum Patron Load	895 Patrons
Minimum Number of Lifeguards	5
Number Lifeguards at Capacity	12
Number Deck Chairs Shown	306

POOL VESSEL STATISTICS	
LAP POOL	
Water Surface Area	9,890 Square Feet
Maximum Patron Load	606 Patrons
Minimum Number of Lifeguards	2 (<60 Patrons i.e. during lessons)
Number Lifeguards at Capacity	8
Pool Depth Range	2'-6" - 12'-0"
WADING POOL	
Water Surface Area	1,870 Square Feet
Maximum Patron Load	125 Patrons
Minimum Number of Lifeguards	Lifeguards Not Required
Pool Depth Range	0'-0" - 2'-0"
CURRENT CHANNEL & SLIDE PLUNGE POOL	
Water Surface Area	2,453 Square Feet
Maximum Patron Load	164 Patrons
Minimum Number of Lifeguards	3 (1 @ CC Entrance; 1 @ Slide Entrance)
Number Lifeguards at Capacity	4 (1 @ Upper Slide Entrance)
Pool Depth Range	3'-6"



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Revision	Date

Project Name

**BUCHNER PARK
COMMUNITY
POOL
& BUILDING**

**NOT FOR
CONSTRUCTION**

City of Waukesha
223 Oakland Ave.
Waukesha, WI 53186

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Issued For: Review
Issue Date: 02.28.2020
Project No. 52-0684.00

Sheet Title

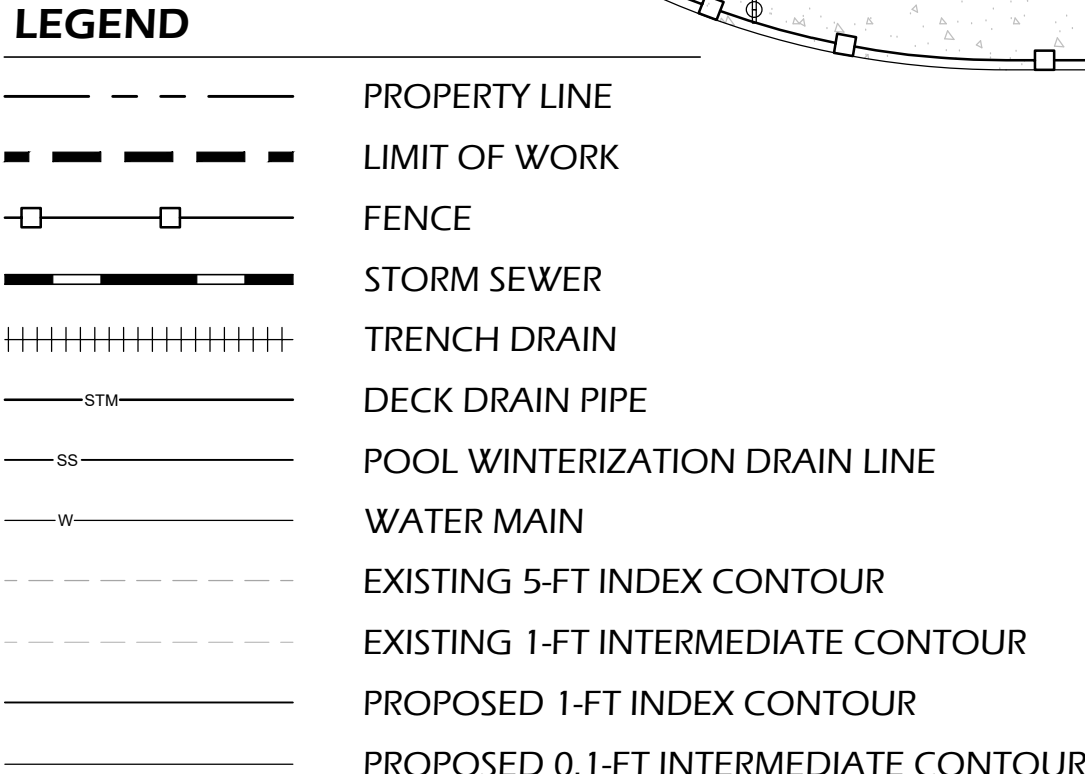
**POOL DECK
PLAN**

0
Sheet Number

SP001



- (A) Water Hydrant**
- (B) Light Pole**
- (C) Deck Drain**
- (D) Deck Trench Drain**
- (E) Pool Winterization Drain**

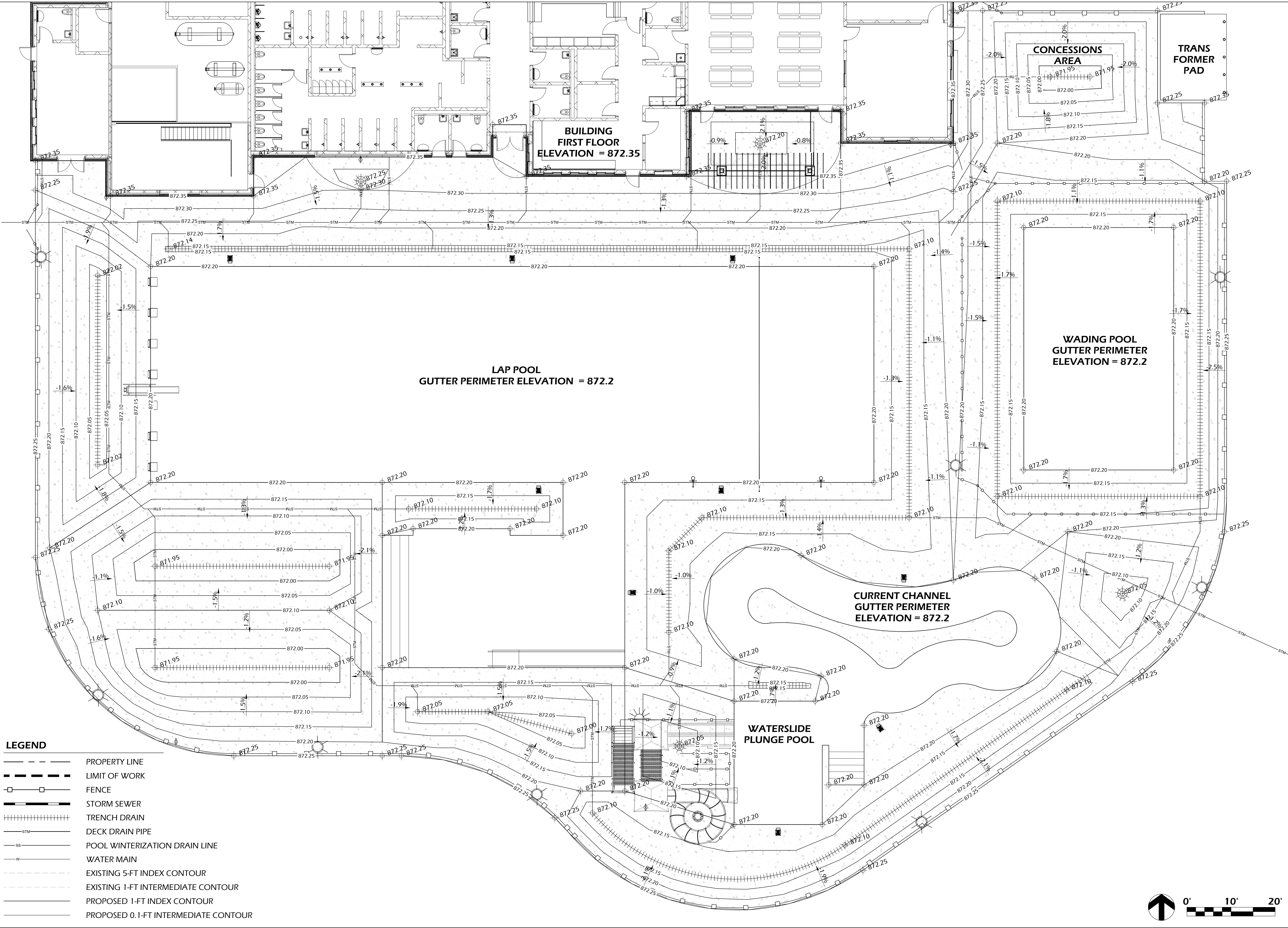


SIGNAGE NOTES:

TWO POOL RULES SIGN AND ONE WATERSLIDE RULES SIGN WILL BE REQUIRED WITHIN THE POOL DECK AREA. SIGNS SHALL BE MOUNTED TO THE FENCE OR BUILDING WALL, AS DIRECTED DURING CONSTRUCTION. SEE DETAILS FOR FURTHER INFORMATION.



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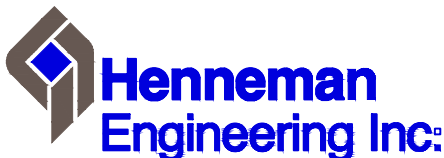


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Revision Date

Project Name

**BUCHNER PARK
COMMUNITY
POOL
& BUILDING**

**NOT FOR
CONSTRUCTION**

City of Waukesha
223 Oakland Ave.
Waukesha, WI 53186

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File:
Issued For: Review
Issue Date: 02.28.2020
Project No. 52-0684.00

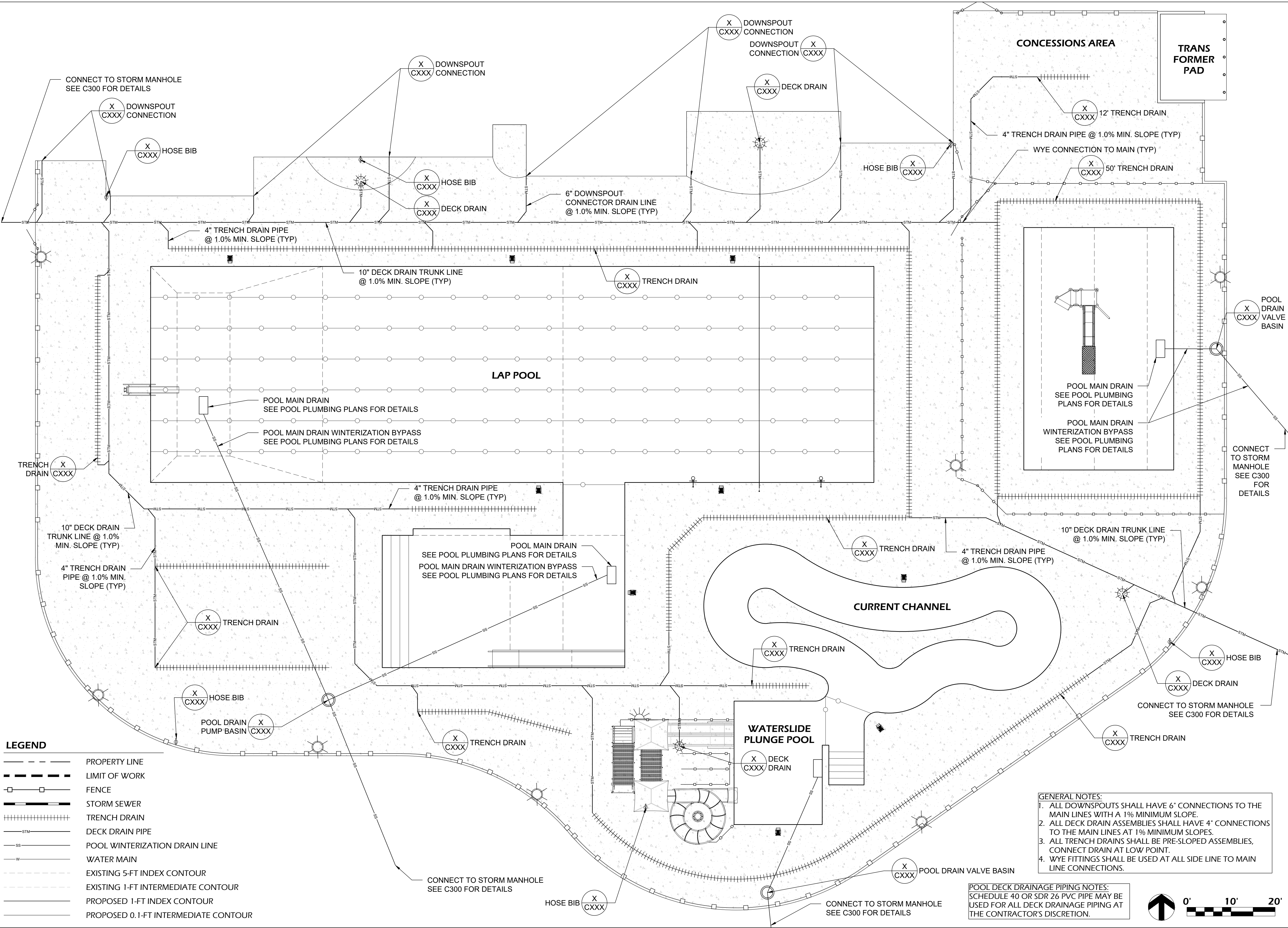
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**POOL DECK
GRADING
PLAN**

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Sheet Number

SP020

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**BUCHNER PARK
COMMUNITY
POOL
& BUILDING**

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City of Waukesha
223 Oakland Ave.
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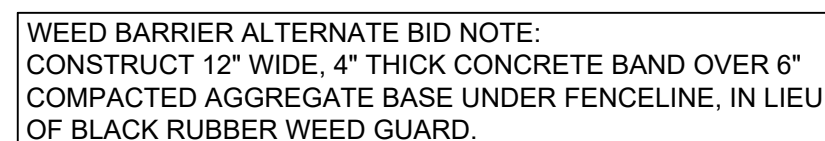
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**POOL DECK
UTILITY PLAN**

0
Sheet Number

SP030

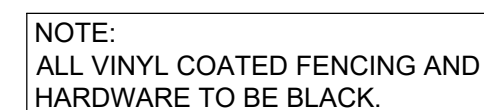
1. A 12"x12" SQUARE BOX OUT FOR FENCE CORNER AND END POST CONCRETE BASES WILL BE REQUIRED WITHIN CONCRETE PAVEMENT AREAS.
2. TOP OF CONCRETE BASE SHALL BE FLUSH WITH SURROUNDING CONCRETE PAVEMENT WITHIN CONCRETE PAVEMENT AREAS. TOP OF CONCRETE BASE SHALL BE A MINIMUM OF 6" BELOW FINAL GRADE IN LAWN AREAS.



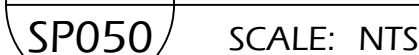
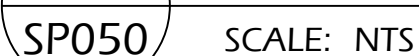
NOTE:
ALL VINYL COATED FENCING AND
HARDWARE TO BE BLACK.

SP050 SCALE: NTS

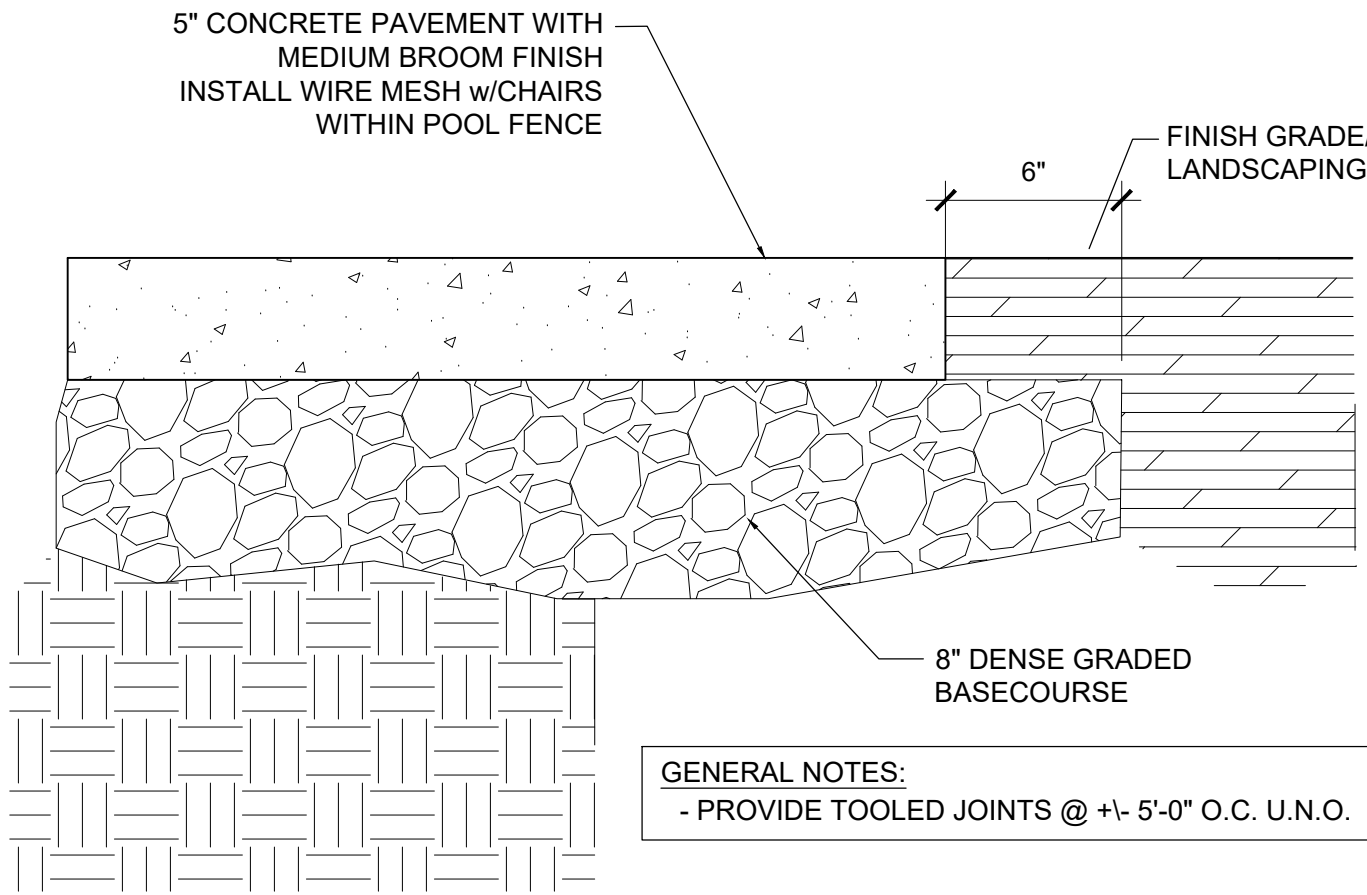
1. FENCE SHALL HAVE NO EXTERNAL HANDHOLDS OR FOOTHOLDS
2. GATE SHALL BE EQUIPPED WITH SELF-CLOSING, LOCKABLE CLOSURE MECHANISMS AT A HEIGHT OF 54" FROM THE BOTTOM OF THE GATE.
3. SEE SPECIFICATIONS FOR POST AND RAIL DIMENSIONS.
4. GATES SHOULD OPEN AWAY FROM POOL DECK.



SP050 SCALE: NTS

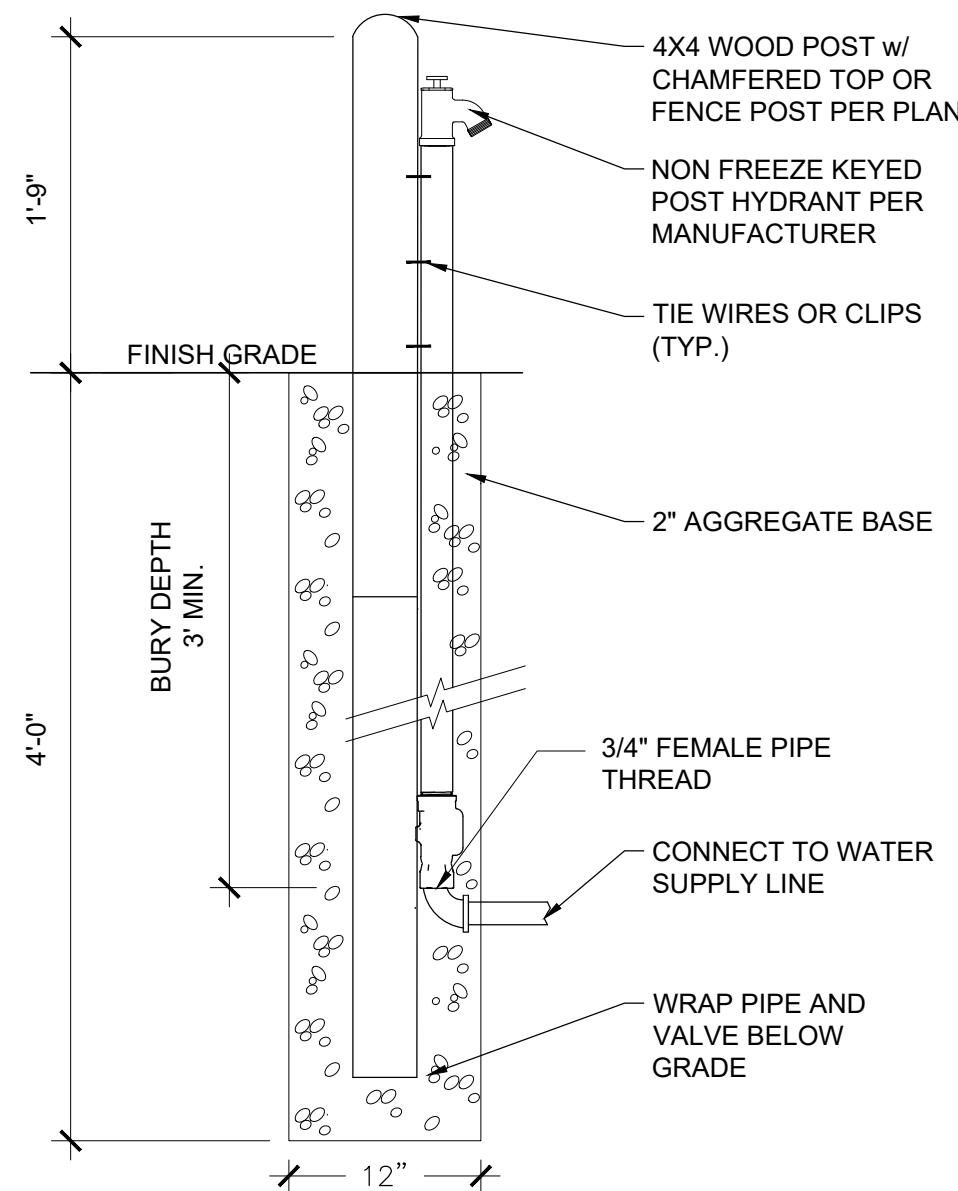


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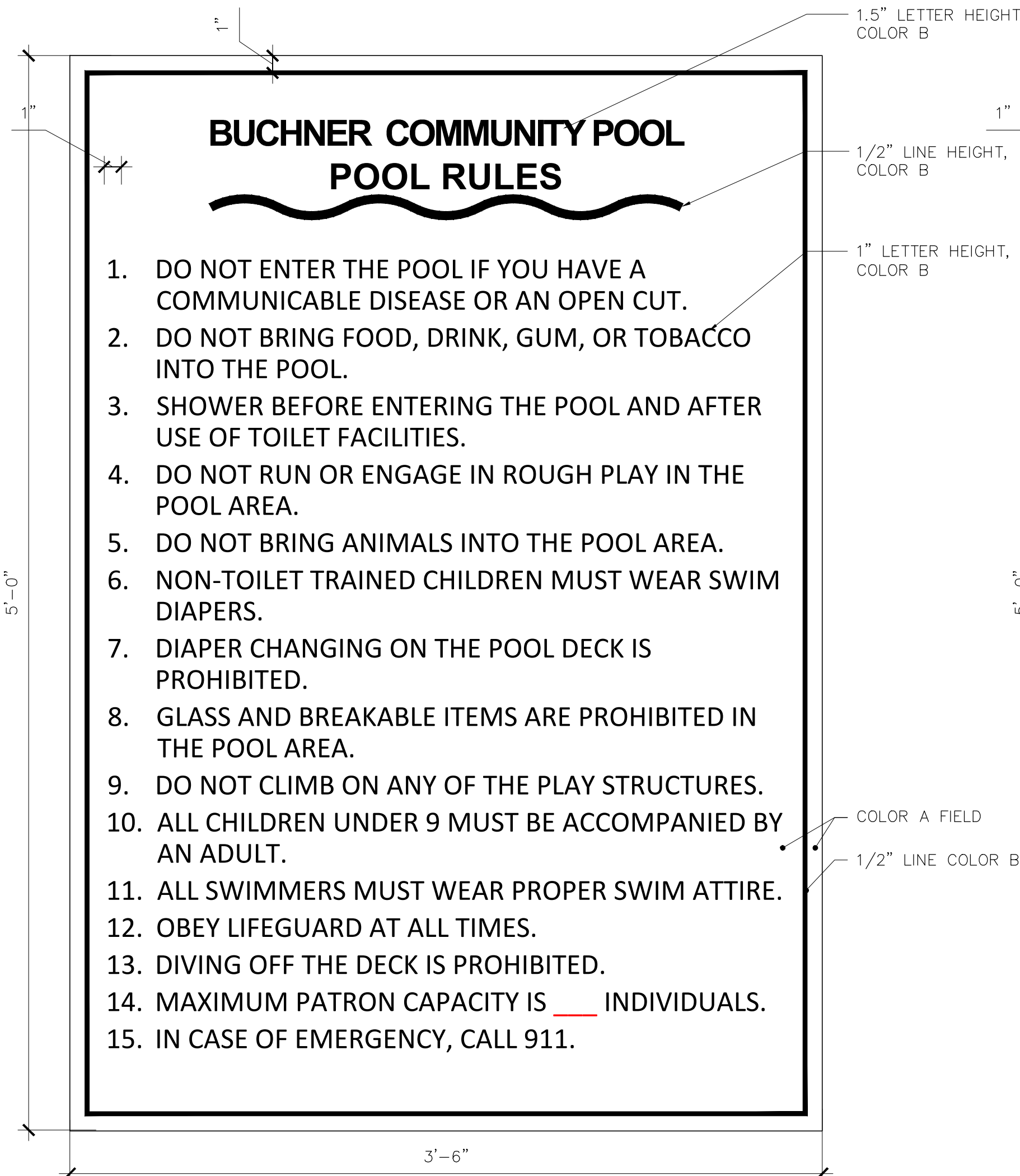
5 CONCRETE PAVEMENT

SP051 SCALE: NTS



4 HOSE BIB

SP051 SCALE: NTS

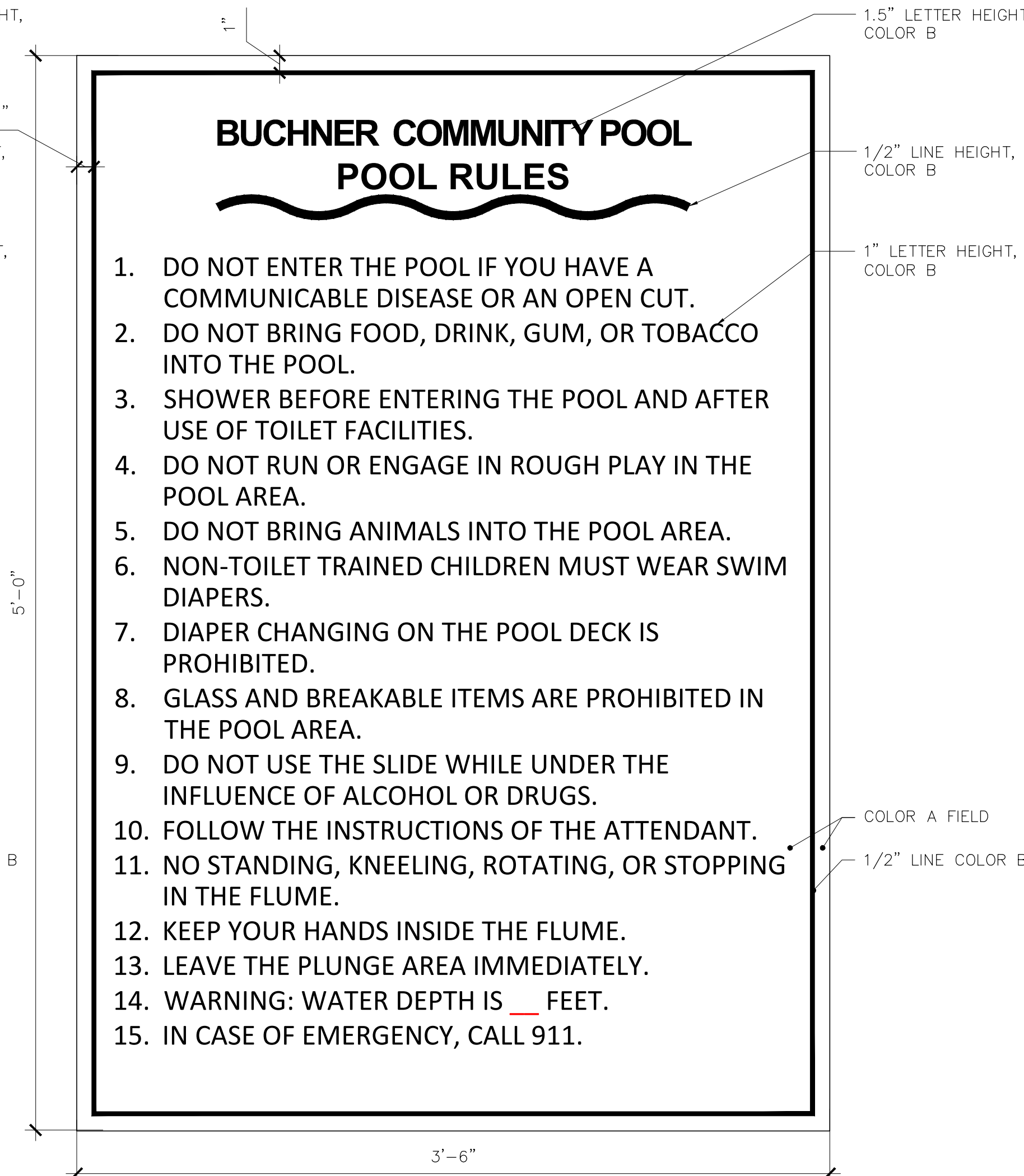


- NOTES:
- MOUNT PER SPECIFICATIONS WITH TAMPER PROOF BOLTS. APPLY ROSETTES OVER BOLT HEADS PAINTED TO MATCH COLOR OF LETTERS/LINES.
 - SIGN SHALL BE MANUFACTURED WITH MOUNTING HOLES AS REQUIRED.
 - PROVIDE 1 SIGN. SEE POOL DECK LAYOUT PLAN FOR SIGN LOCATIONS.

COLOR A = TBD
COLOR B = TBD

3 POOL RULES SIGN

SP051 SCALE: NTS

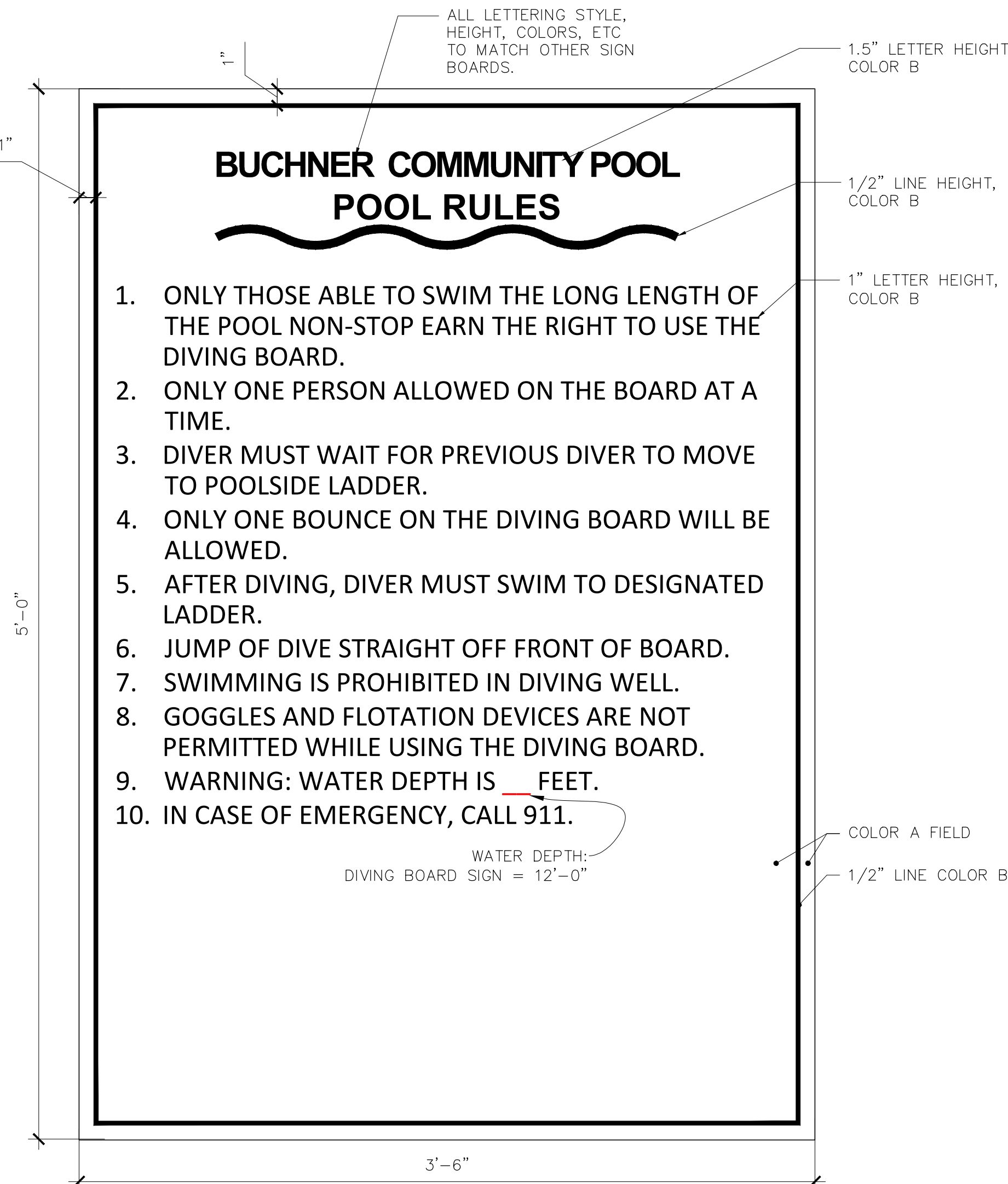


- NOTES:
- MOUNT PER SPECIFICATIONS WITH TAMPER PROOF BOLTS. APPLY ROSETTES OVER BOLT HEADS PAINTED TO MATCH COLOR OF LETTERS/LINES.
 - SIGN SHALL BE MANUFACTURED WITH MOUNTING HOLES AS REQUIRED.
 - PROVIDE 1 SIGN. SEE POOL DECK LAYOUT PLAN FOR SIGN LOCATIONS.

COLOR A = TBD
COLOR B = TBD

2 WATERSLIDE RULES SIGN

SP051 SCALE: NTS



- NOTES:
- MOUNT PER SPECIFICATIONS WITH TAMPER PROOF BOLTS. APPLY ROSETTES OVER BOLT HEADS PAINTED TO MATCH COLOR OF LETTERS/LINES.
 - SIGN SHALL BE MANUFACTURED WITH MOUNTING HOLES AS REQUIRED.
 - PROVIDE 1 SIGN. SEE POOL DECK LAYOUT PLAN FOR SIGN LOCATIONS.

COLOR A = TBD
COLOR B = TBD

1 DIVING WELL RULES SIGN

SP051 SCALE: NTS

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Engineering Inc.**
Milwaukee:
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Revision	Date

Project Name

BUCHNER PARK
COMMUNITY
POOL
& BUILDING

NOT FOR
CONSTRUCTION

City of Waukesha
223 Oakland Ave.
Waukesha, WI 53186

Drawn By:
Checked By:
File:
Issued For: Review
Issue Date: 02.28.2020
Project No. 52-0684.00

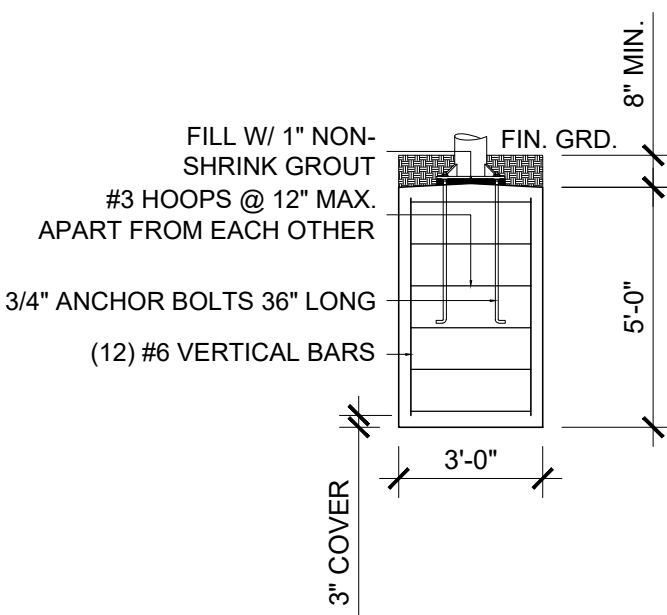
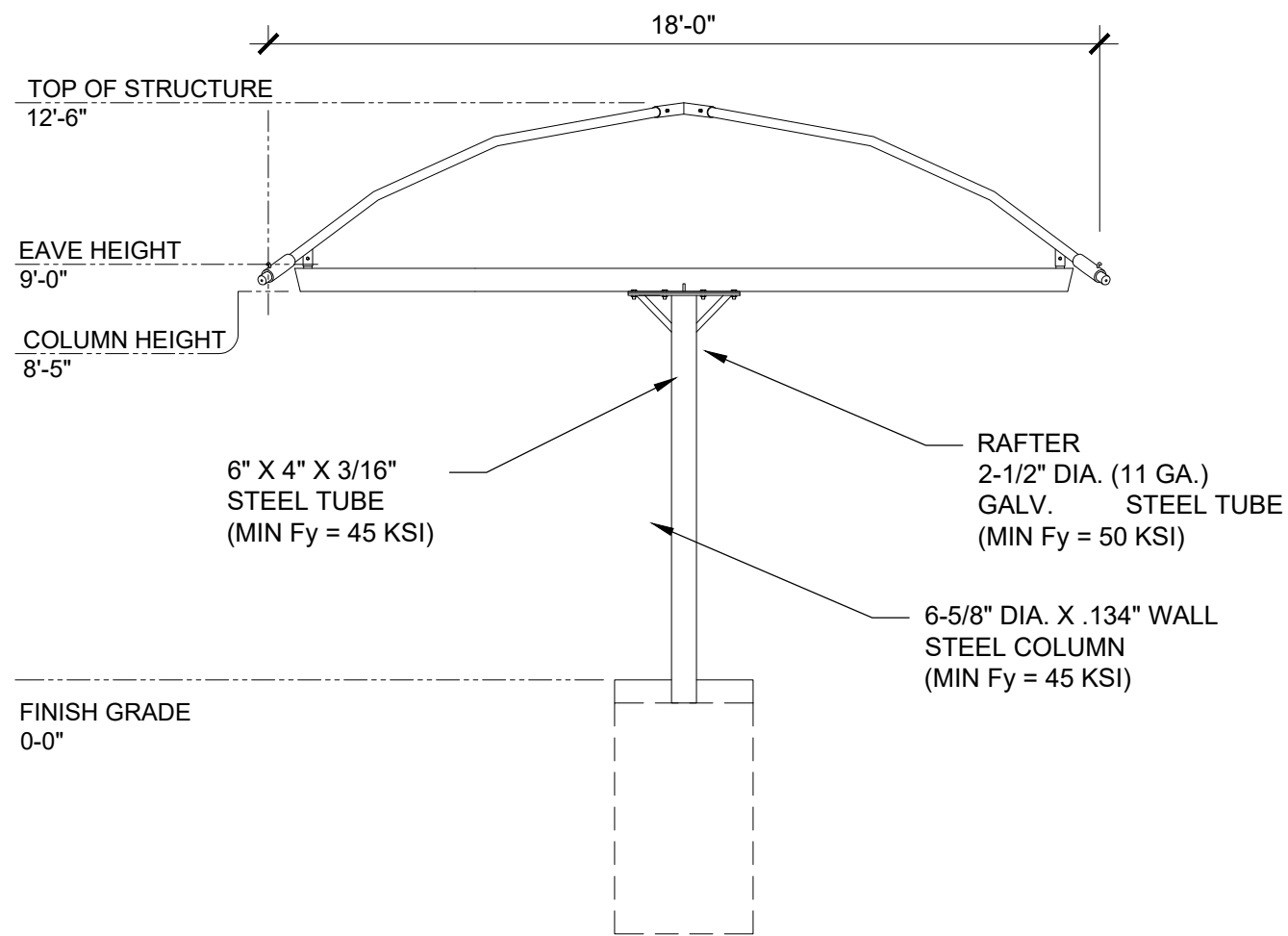
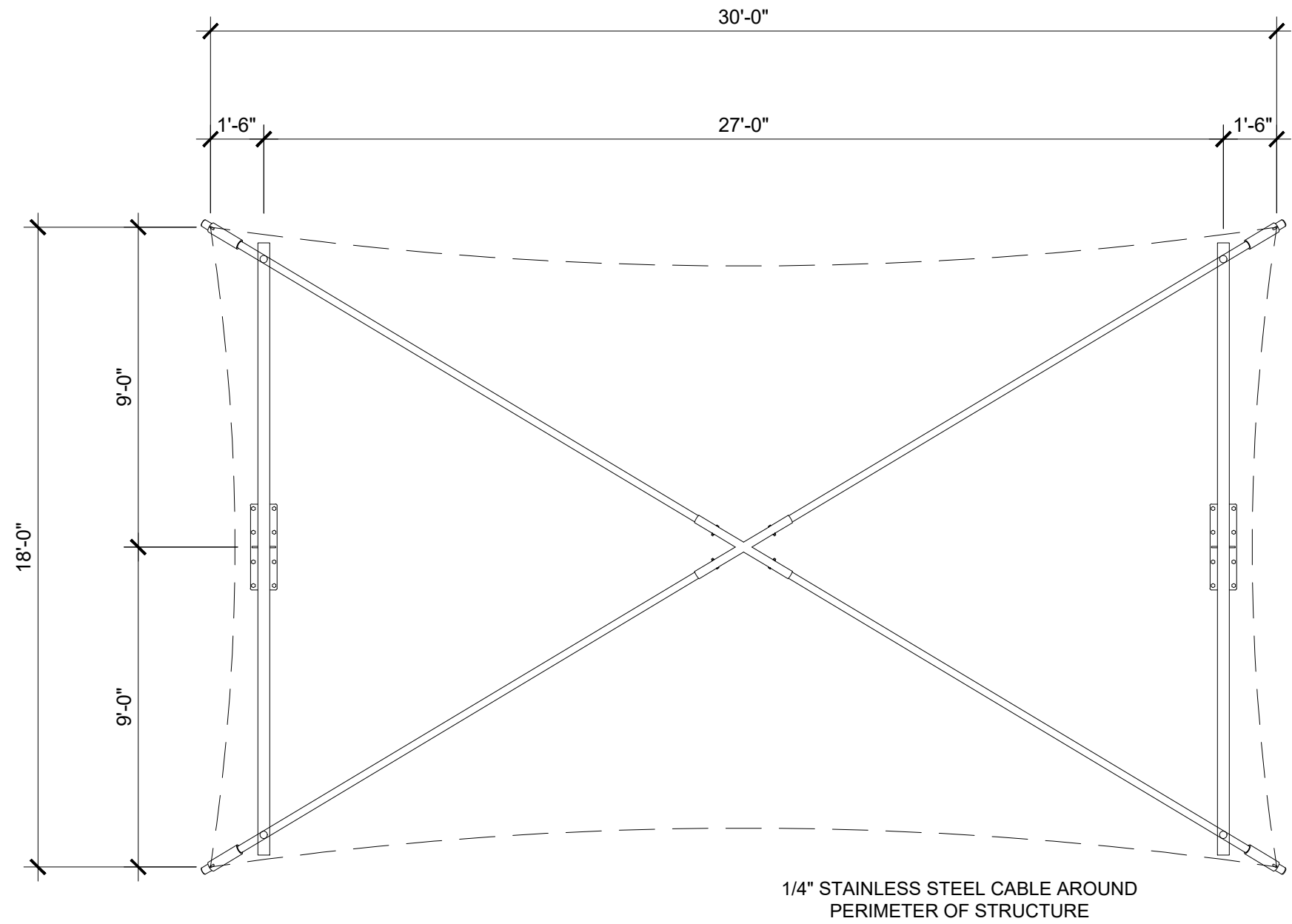
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POOL DECK DETAILS

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Sheet Number

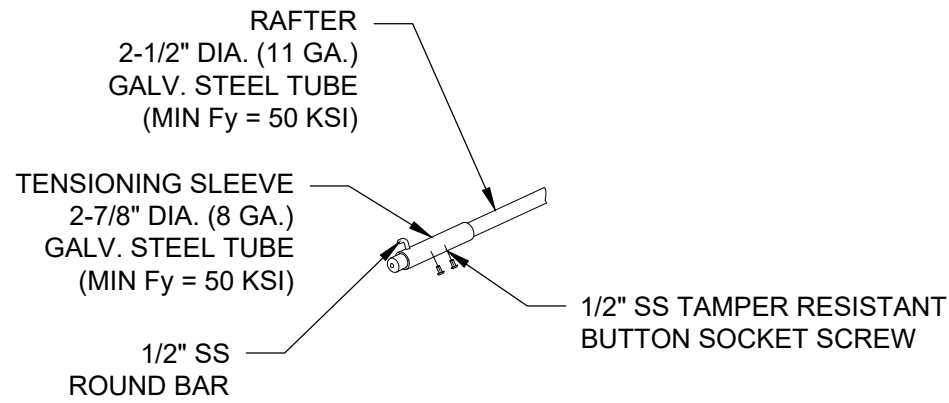
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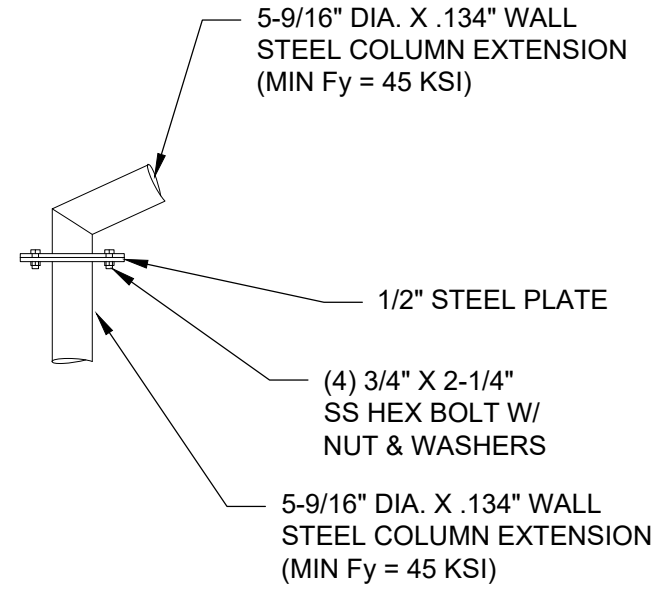


2 SHADE STRUCTURE - T-CANTILEVER

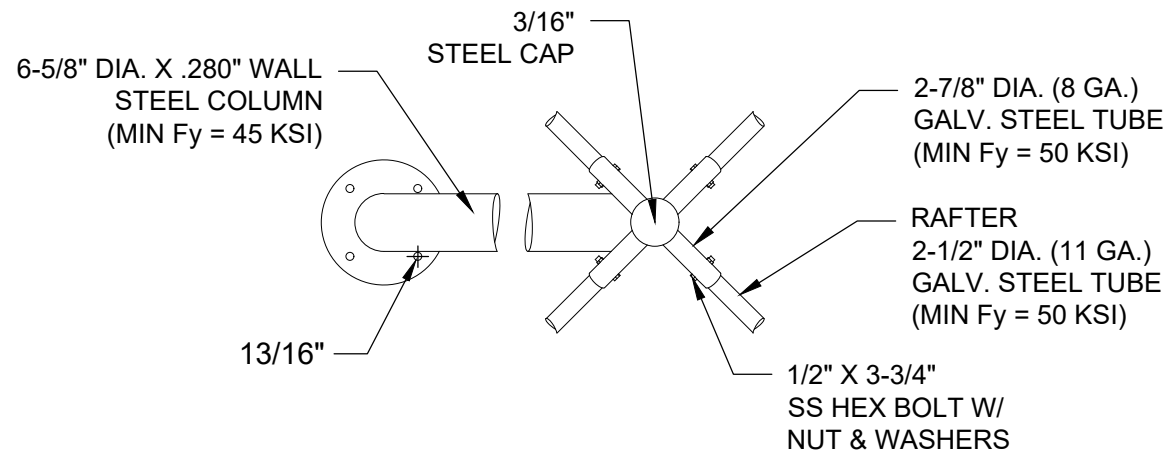
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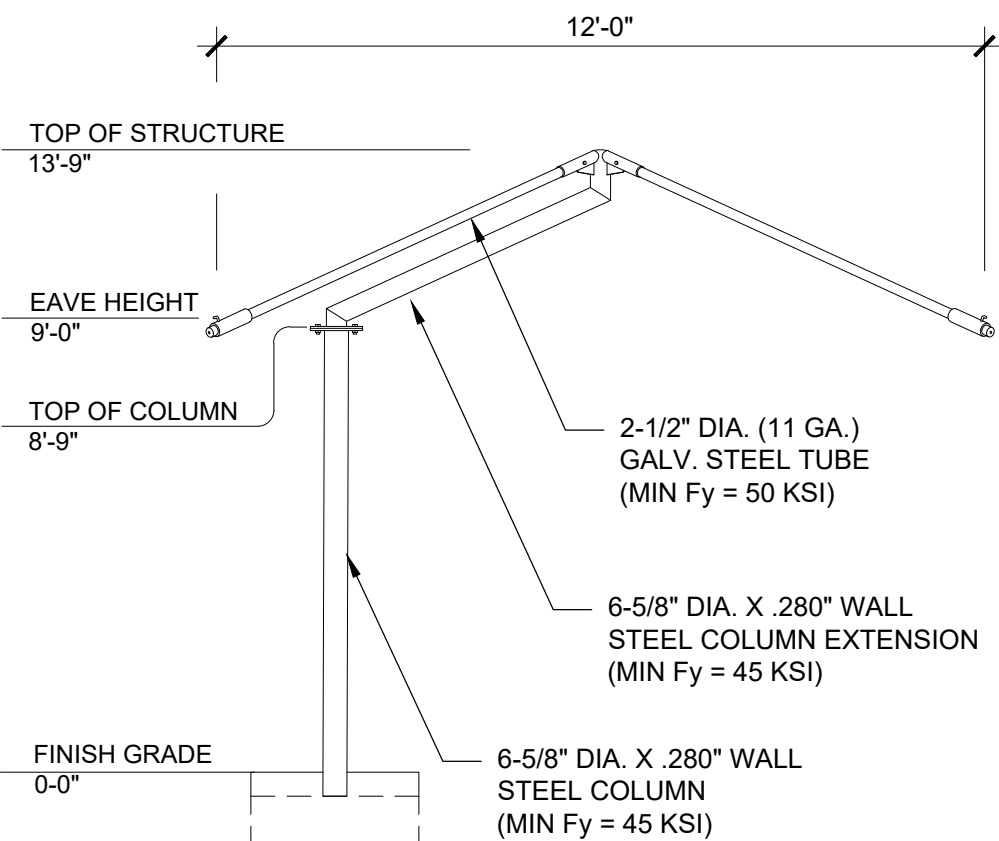
TOP CORNER DETAIL



POST TO OFFSET DETAIL



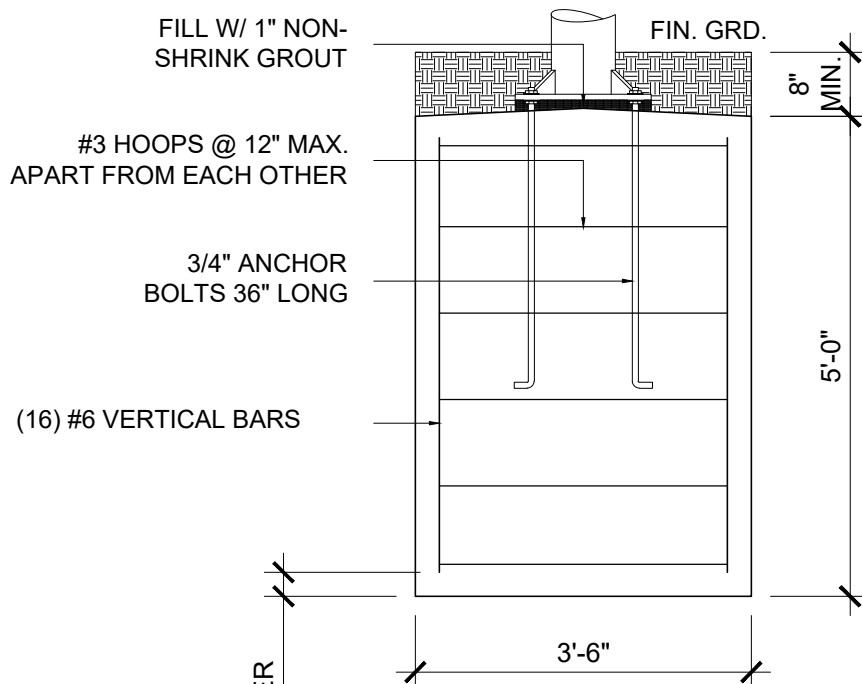
RAFTER TO POST CONNECTION



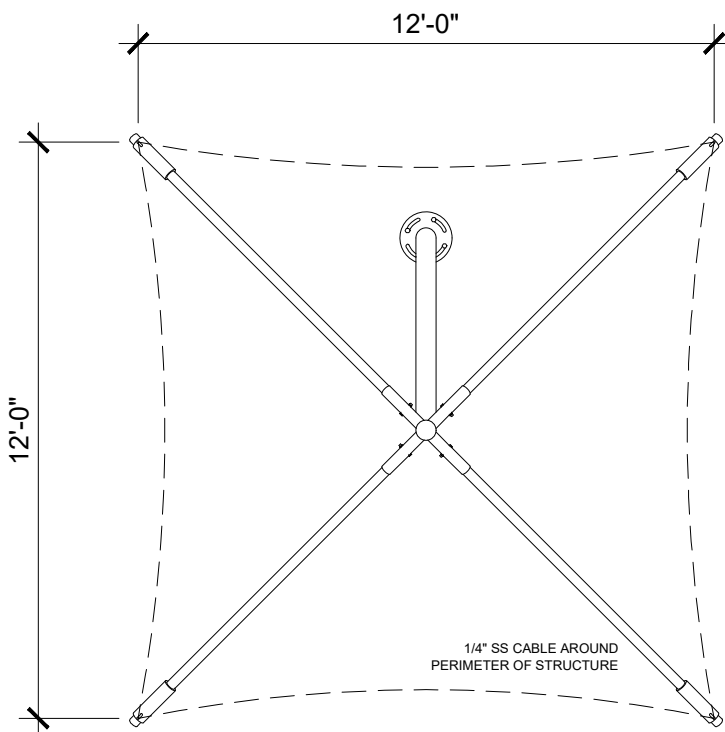
ELEVATION VIEW

- NOTES:
1. 'SHADE SYSTEMS' MODEL OSP121209 OR EQUAL.
 2. ALL FASTENERS SHALL BE STAINLESS STEEL.
 3. ASSEMBLE AND PLACE PER MANUFACTURER RECOMMENDATIONS.
 4. IF MANUFACTURER RECOMMENDATIONS DIFFER FROM THIS DETAIL, MANUFACTURER RECOMMENDATIONS SHALL PREVAIL.
 5. CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS.

NOTE: FOOTING DIMENSIONS SHOWN SHALL BE USED FOR BID ESTIMATING ONLY. CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS. FINAL FOOTING DIMENSIONS WILL VARY.



FOOTING DETAIL



PLAN VIEW

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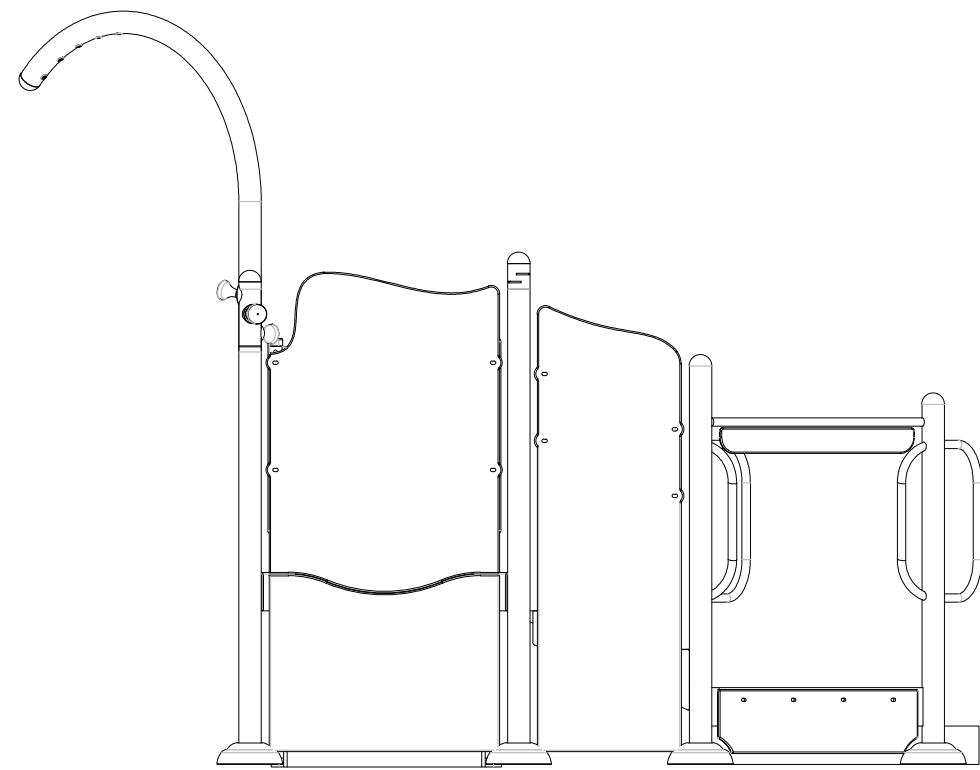
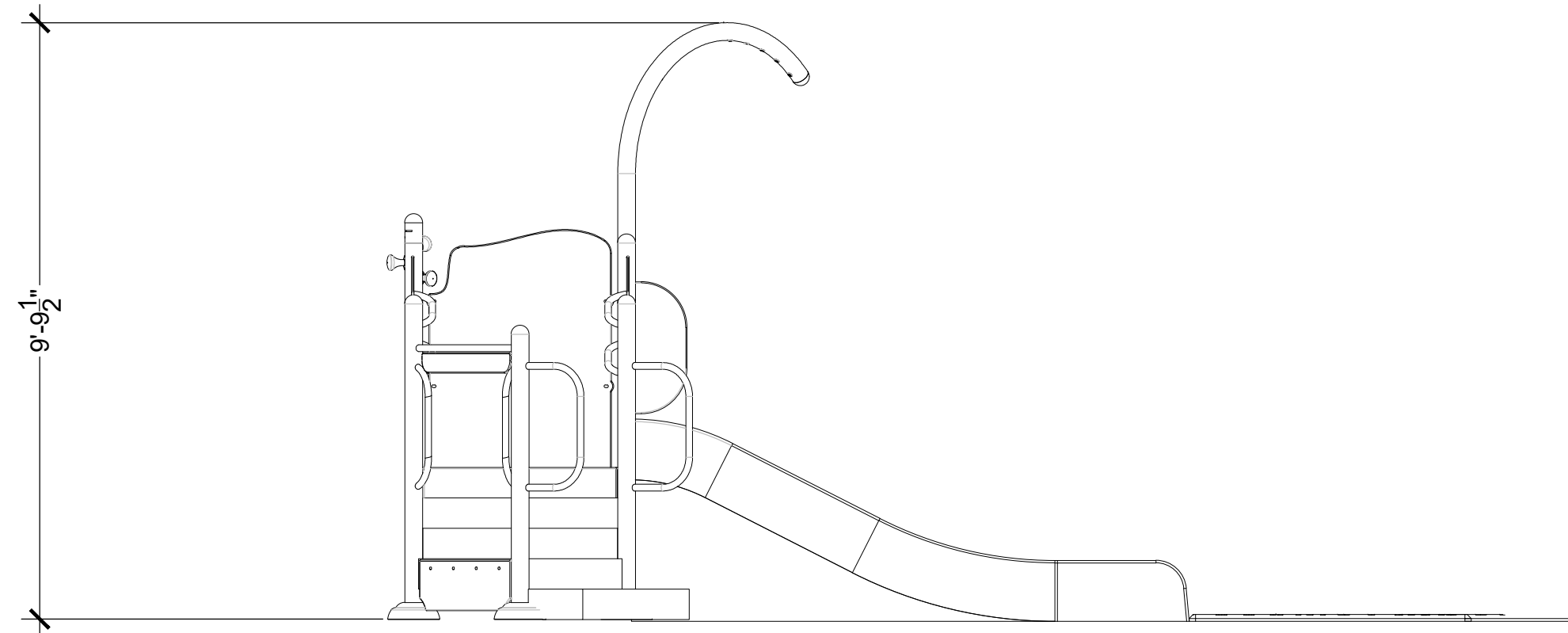
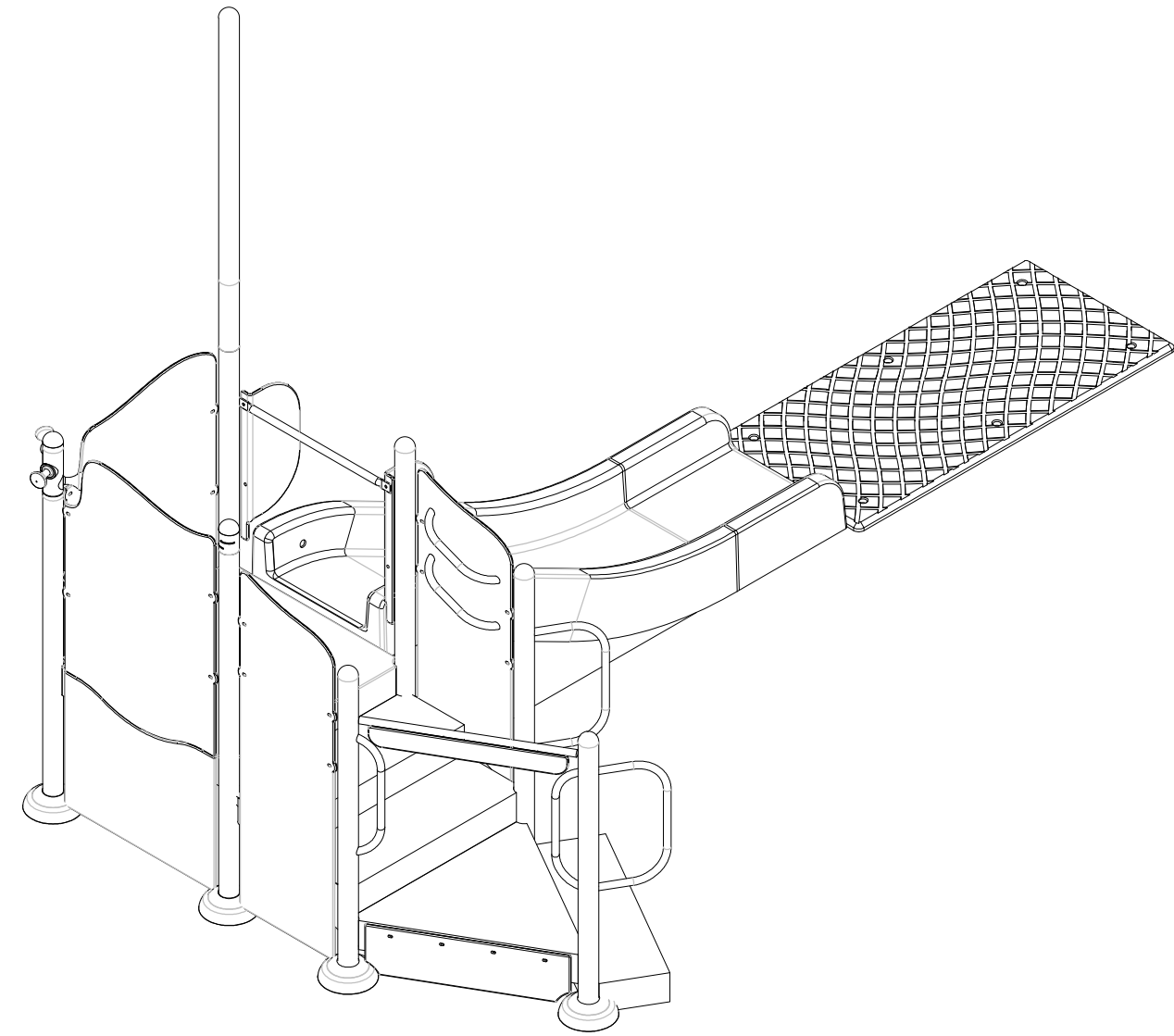
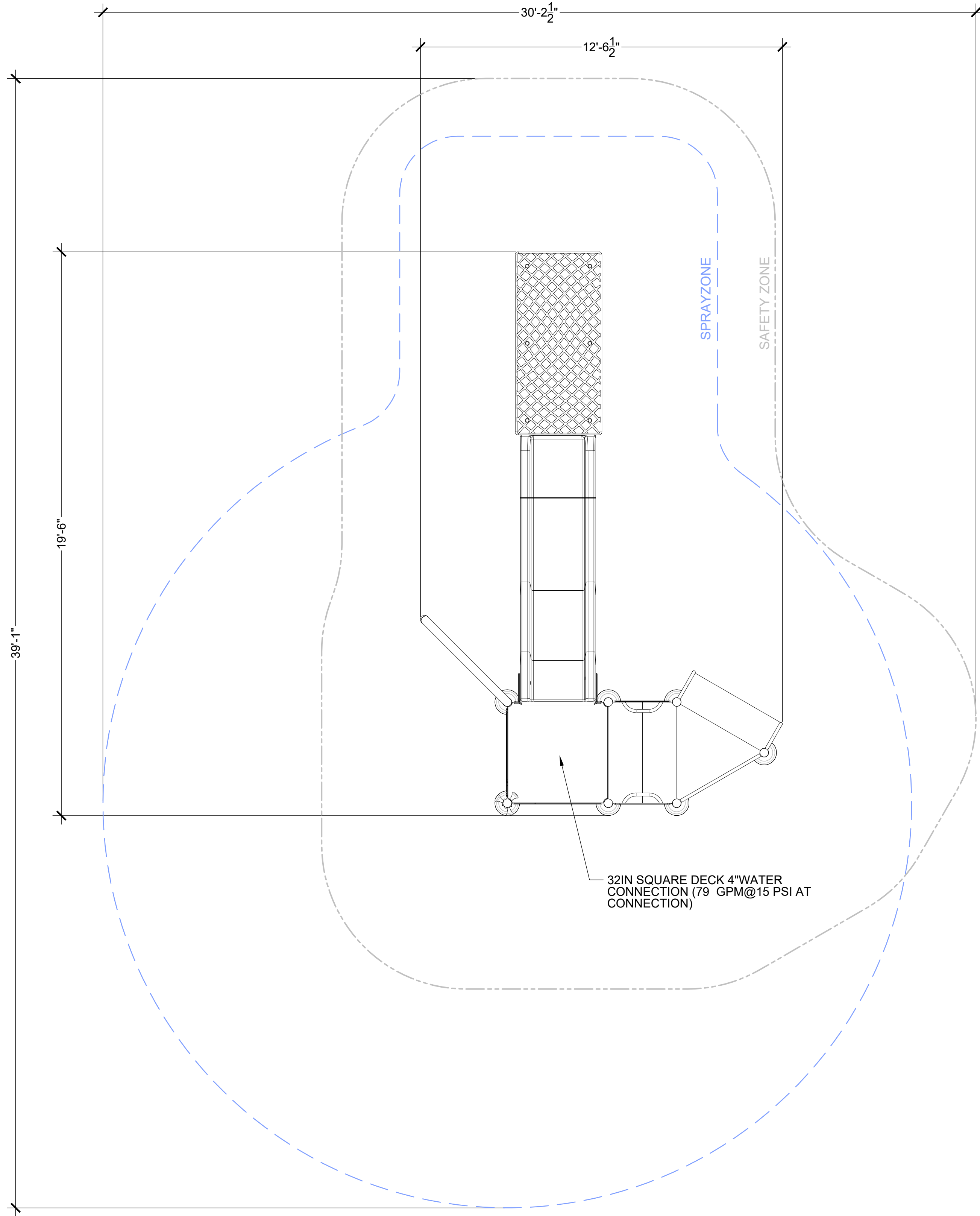
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**POOL DECK
DETAILS**

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Sheet Number

SP052

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1

SP053

WADING POOL ACTIVITY STRUCTURE

SCALE: NTS

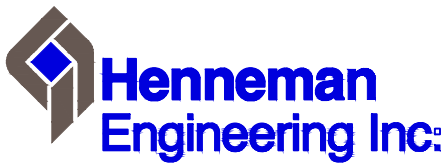


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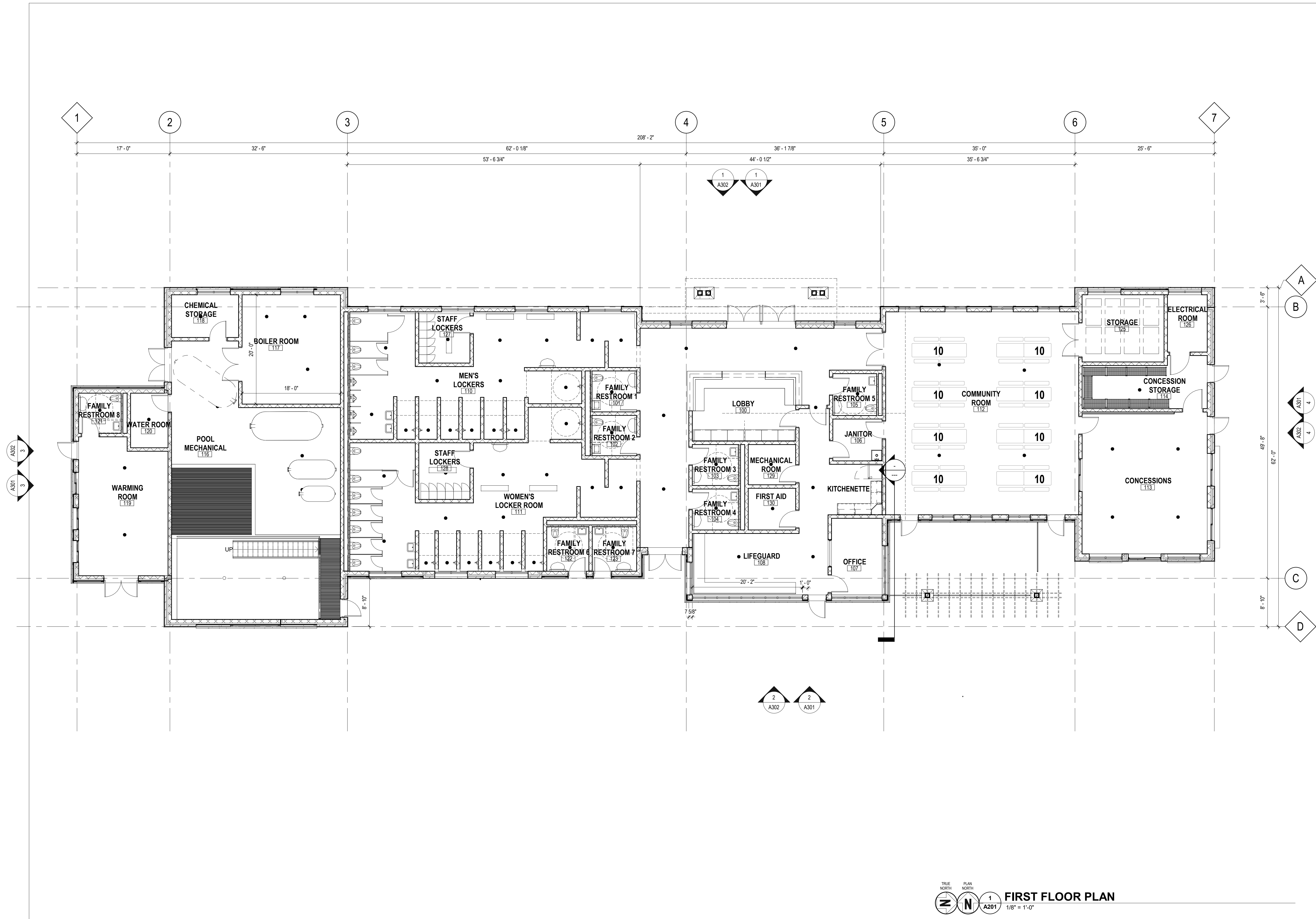
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SP053



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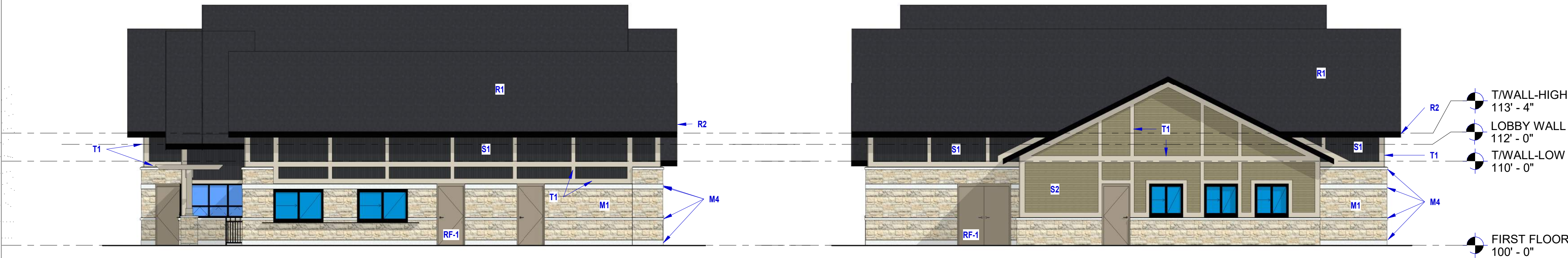
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FIRST FLOOR PLAN



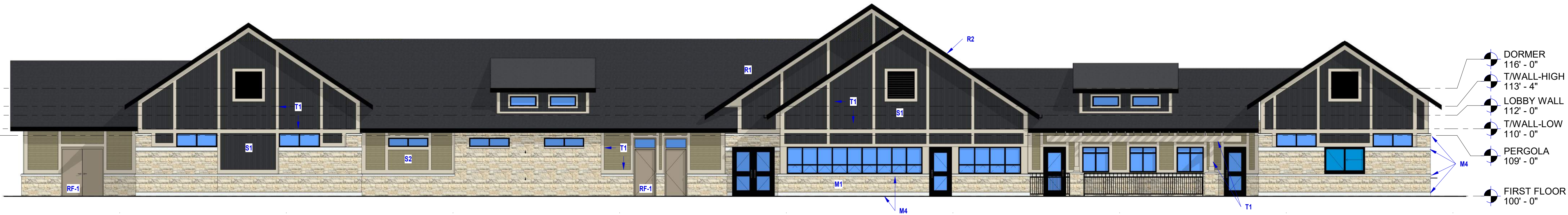
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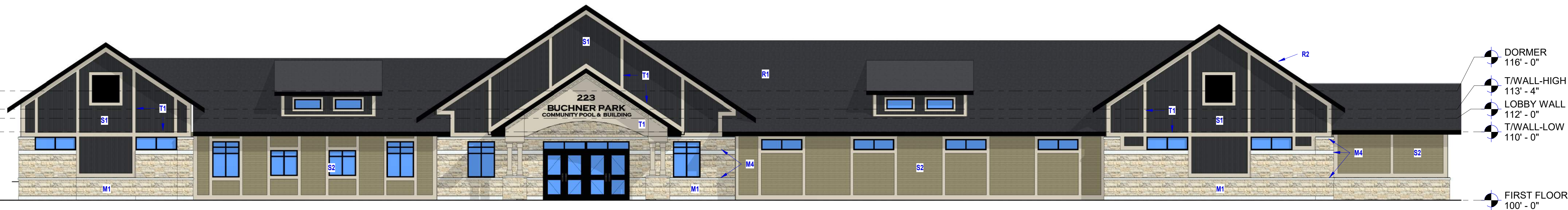


4 NORTH ELEVATION - COLORED
A302 1/8" = 1'-0"

3 SOUTH ELEVATION - COLORED
A302 1/8" = 1'-0"



2 EAST ELEVATION - COLORED
A302 1/8" = 1'-0"



1 WEST ELEVATION - COLORED
A302 1/8" = 1'-0"

EXTERIOR FINISH SCHEDULE			
MARK	DESCRIPTION	COLOR	NOTE
J-1	JOINT SEALANT	GRAY	2
M-1	LANNON STONE VENEER		
M-2	TRANSFORMER SCREENWALL	CHARCOAL (18-078A)	4,5
M-3	DUMPSTER SCREENWALL	BISQUE (18-121C)	4,5
M-4	CAST STONE SILL/WATERTABLE	NATURAL GRAY	
P-1	EXTERIOR ENAMEL PAINT	URBAN JUNGLE (SW6454)	10
PA-1	POWDER COATED ALUMINUM	BLACK	7
R-1	ASPHALT SHINGLES	ONYX BLACK	9
R-2	ROOFING SPECIALTIES	CHARCOAL	3
RF-1	REINFORCED FIBERGLASS DOOR	CUSTOM COLOR	11
S-1	6\" LAP SIDING (4 3/4\" EXPOSURE)	CAVERN STEEL	1,6
S-2	6\" LAP SIDING (4 3/4\" EXPOSURE)	PRAIRIE CLAY	1,6
T-1	COMPOSITE WOOD TRIM	DESERT STONE	1,6

- EXTERIOR FINISH SCHEDULE NOTES**
- COLOR SELECTED FROM LP SIDING, SMARTSIDE AVAILABLE COLORS.
 - SEALANT COLORS SELECTED FROM TREMCO, DYAMONIC SERIES STANDARD COLORS.
 - ALL EXTERIOR GUTTER, SOFFIT, FASCIA, AND DRIP EDGE MATERIAL TO BE PAINTED KYNAR 500 "CHARCOAL".
 - MORTAR FOR MASONRY TO BE TYPE-N GRAY.
 - MASONRY COLOR SELECTED FROM COUNTY MATERIALS, SPLITFACE SERIES AVAILABLE COLORS.
 - LP SARTSIDE SIDING WITH 30YR FINISH.
 - COLOR SELECTED FROM KAWNEER PERMACOAT STANDARD COLORS.
 - FINAL COLOR SELECTIONS SHALL BE MADE BY ARCHITECT DURING SUBMITTAL REVIEW PROCESS. ALL FINAL COLOR SELECTIONS SHALL BE MADE FROM RESPECTIVE MANUFACTURER'S STANDARD COLOR CHARTS.
 - COLOR SELECTED FROM OWENS CORNING "DURATION" SERIES STANDARD COLORS.
 - COLOR SELECTED FROM SHERWIN WILLIAMS STANDARD COLORS. FINISH = SEMI-GLOSS.
 - CUSTOM COLOR TO MATCH SHERWIN WILLIAMS "URBAN JUNGLE (SW 9117).

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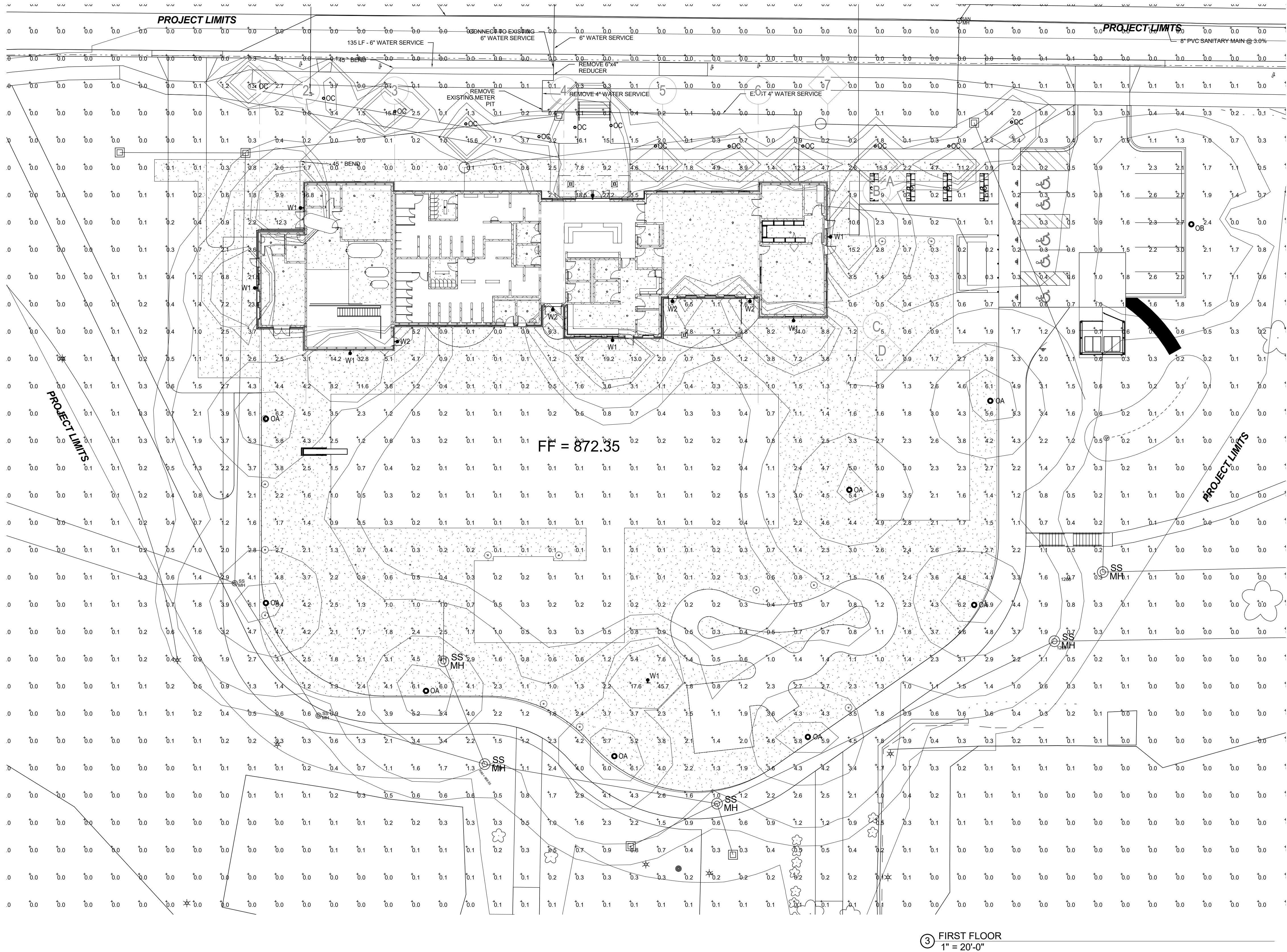
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Sheet Title

BUILDING
ELEVATIONS

NORTH
0
Sheet Number

A302



③ FIRST FLOOR
1" = 20'-0"

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
W1	8	C-WP-A-ARFC-LG-8L-40K-DB-IES	SINGLE	8917.85	0.900	C-WP-A-ARFC-LH-8L-40K-DB
OA	8	ARE-EDG-SM-xx-05-E-UL-xx-700-	SINGLE	N.A.	0.900	ARE-EDG-SM-xx-06-E-UL-xx-700-xxxx-40K
OB	1	ARE-EDG-MH-xx-05-E-UL-xx-525-	SINGLE	N.A.	0.900	ARE-EDG-MH-xx-06-E-UL-xx-525-xxxx-40K
W2	4	ra04264mod50	SINGLE	N.A.	0.900	SLIM12
OC	13	PWY-EDG-2M-xx-02-E-UL-350-40K	SINGLE	N.A.	0.950	PWY-EDG-2M-xx-02-E-UL-350-40K_BXP218E-UH7

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
CalcPts_1	Illuminance	Fc	0.79	45.7	0.0	N.A.



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Sheet Title

SITE
PHOTOMETRICS



NORTH



Sheet Number

E000