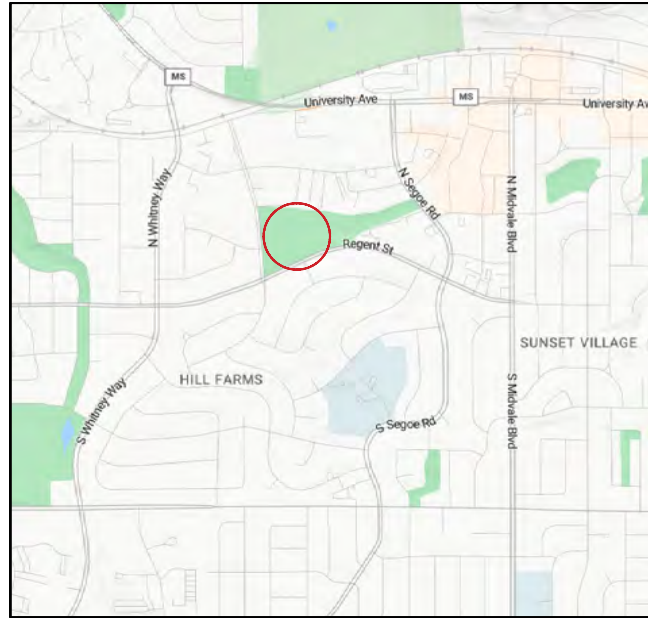


PROJECT LOCATION MAP



PROJECT ADDRESS:
115 N. EAU CLAIRE AVE, MADISON, WI 53705

PROJECT OVERVIEW



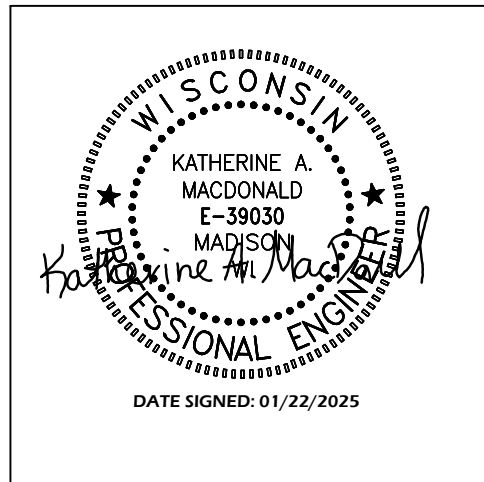
FINAL PROJECT MAY VARY FROM ABOVE RENDERING

NTS

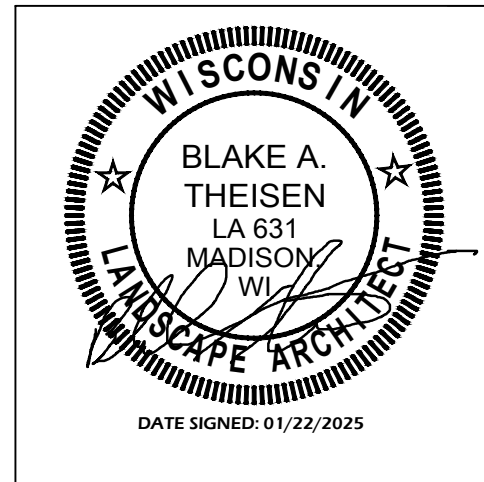
INDEX TO DRAWINGS	
T100	TITLE SHEET
C100	EXISTING CONDITIONS PLAN
C110	SITE DEMOLITION & EROSION CONTROL PLAN
C120	EXISTING SITE PHOTOS
C200	SITE LAYOUT & RESTORATION PLAN
C201	SITE LAYOUT PLAN
C400	SITE GRADING & UTILITY PLAN
C500	SPLASHPAD FEATURES PLAN
C510	SPLASHPAD FEATURE LAYOUT PLAN
C520	SPLASHPAD GRADING PLAN
C530	SPLASHPAD PLUMBING PLAN
C540	SPLASHPAD BONDING & ELECTRICAL PLAN
C550	SPLASHPAD RENDERINGS
C560	SPLASHPAD CONTROLLER CABINET DETAILS
C561	SPLASHPAD CONTROLLER CABINET DETAILS
C900	CONSTRUCTION DETAILS
C901	CONSTRUCTION DETAILS
C902	CONSTRUCTION DETAILS
C903	CONSTRUCTION DETAILS
C904	CONSTRUCTION DETAILS

SPLASHPAD MANUFACTURER INSTALLATION DETAILS

VOR 1004	PLAYSAFE DRAIN No. 4
VOR 0301	GEYSER N°1
VOR 0303	ROOSTER TRAIL
VOR 0322	WATER BLOOM N°1
VOR 0325	JET STREAM N°2
VOR 0328	TEAM SPRAY N°3
VOR 7010	WATER JELLY N°1
VOR 7249	CASCADE RIVER
VOR 7258	HELICO BIRDS
VOR 7516	SPLIT STREAM
VOR 7799	SPIROO
VOR 33907	MAESTRO PRO CONTROLLER
VOR55000.0430	SAFESWAP N°1
VOR55000.0570	SAFESWAP N°2



CIVIL ENGINEER:
PARKITECTURE + PLANNING
901 DEMING WAY, SUITE 201
MADISON, WI 53717
608.203.8203



LANDSCAPE ARCHITECT:
PARKITECTURE + PLANNING
901 DEMING WAY, SUITE 201
MADISON, WI 53717
608.203.8203



RENNEBOHM PARK SPRAYGROUND
CITY OF MADISON
MADISON, WI

PROJECT NUMBER 24.017
CITY OF MADISON CONTRACT # 9551



Project Name:
RENNEBOHM PARK SPRAYGROUND
115 N. Eau Claire Avenue
Madison, WI 53705

Sheet Title:
TITLE SHEET

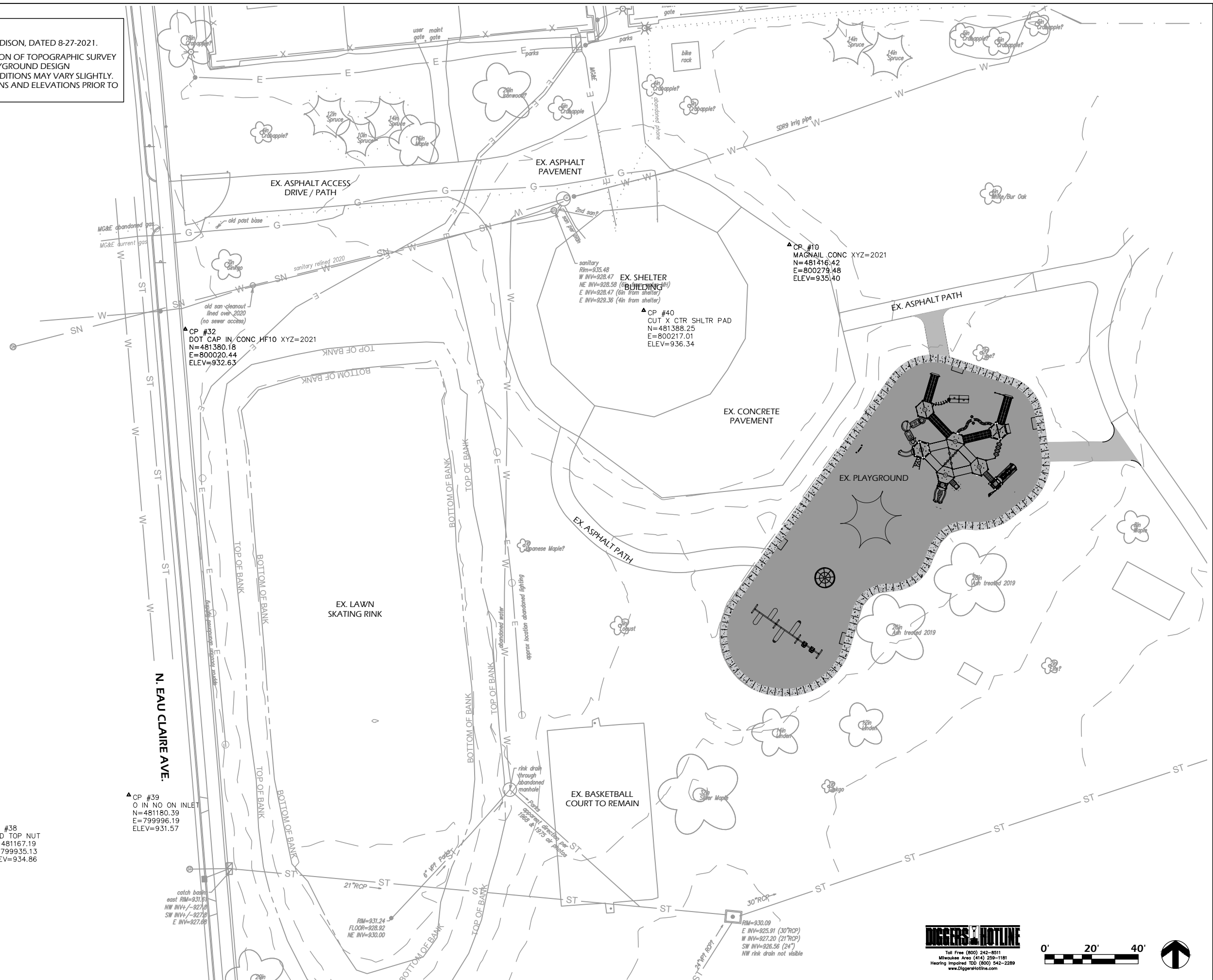
Revisions:	

Project #: 24.017
Issued For: Bidding
Date: 1/22/25

Sheet Number
T100

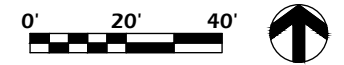
EXISTING CONDITIONS NOTES

1. BASEMAP PROVIDED BY CITY OF MADISON, DATED 8-27-2021.
2. EXISTING BASEMAP IS A COMBINATION OF TOPOGRAPHIC SURVEY INFORMATION AND INCLUSIVE PLAYGROUND DESIGN INFORMATION. ACTUAL FIELD CONDITIONS MAY VARY SLIGHTLY. CONTRACTOR TO VERIFY DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.



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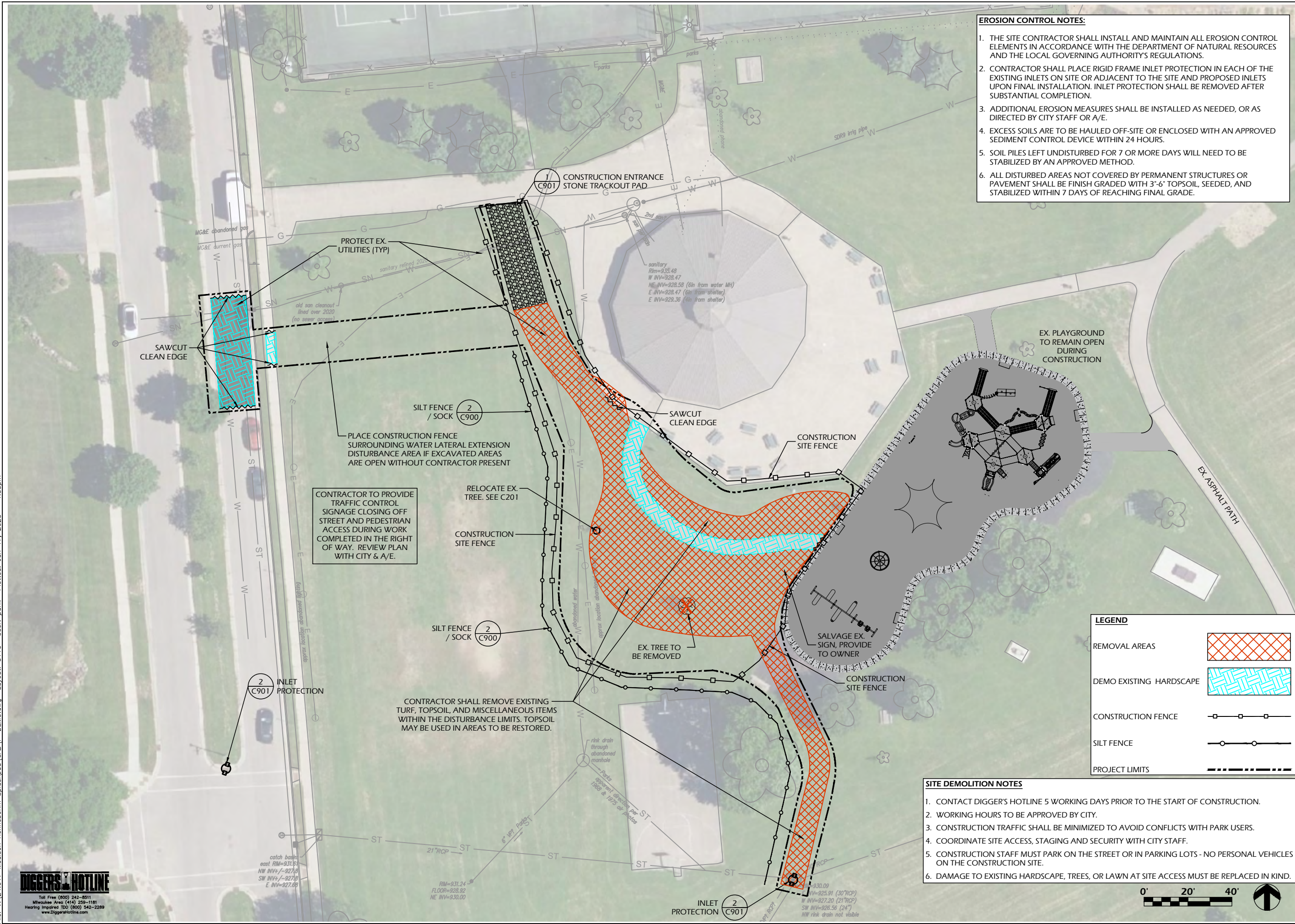
Revisions:	
Project #:	24.017
Issued For:	Bidding
Date:	1/22/25
Sheet Number	C100



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Toll Free (800) 242-8511
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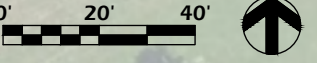


- EROSION CONTROL NOTES:**
1. THE SITE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL ELEMENTS IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES AND THE LOCAL GOVERNING AUTHORITY'S REGULATIONS.
 2. CONTRACTOR SHALL PLACE RIGID FRAME INLET PROTECTION IN EACH OF THE EXISTING INLETS ON SITE OR ADJACENT TO THE SITE AND PROPOSED INLETS UPON FINAL INSTALLATION. INLET PROTECTION SHALL BE REMOVED AFTER SUBSTANTIAL COMPLETION.
 3. ADDITIONAL EROSION MEASURES SHALL BE INSTALLED AS NEEDED, OR AS DIRECTED BY CITY STAFF OR A/E.
 4. EXCESS SOILS ARE TO BE HAULED OFF-SITE OR ENCLOSED WITH AN APPROVED SEDIMENT CONTROL DEVICE WITHIN 24 HOURS.
 5. SOIL PILES LEFT UNDISTURBED FOR 7 OR MORE DAYS WILL NEED TO BE STABILIZED BY AN APPROVED METHOD.
 6. ALL DISTURBED AREAS NOT COVERED BY PERMANENT STRUCTURES OR PAVEMENT SHALL BE FINISH GRADED WITH 3'-6" TOPSOIL, SEEDED, AND STABILIZED WITHIN 7 DAYS OF REACHING FINAL GRADE.

LEGEND

REMOVAL AREAS	
DEMO EXISTING HARDSCAPE	
CONSTRUCTION FENCE	
SILT FENCE	
PROJECT LIMITS	

- SITE DEMOLITION NOTES**
1. CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
 2. WORKING HOURS TO BE APPROVED BY CITY.
 3. CONSTRUCTION TRAFFIC SHALL BE MINIMIZED TO AVOID CONFLICTS WITH PARK USERS.
 4. COORDINATE SITE ACCESS, STAGING AND SECURITY WITH CITY STAFF.
 5. CONSTRUCTION STAFF MUST PARK ON THE STREET OR IN PARKING LOTS - NO PERSONAL VEHICLES ON THE CONSTRUCTION SITE.
 6. DAMAGE TO EXISTING HARDSCAPE, TREES, OR LAWN AT SITE ACCESS MUST BE REPLACED IN KIND.



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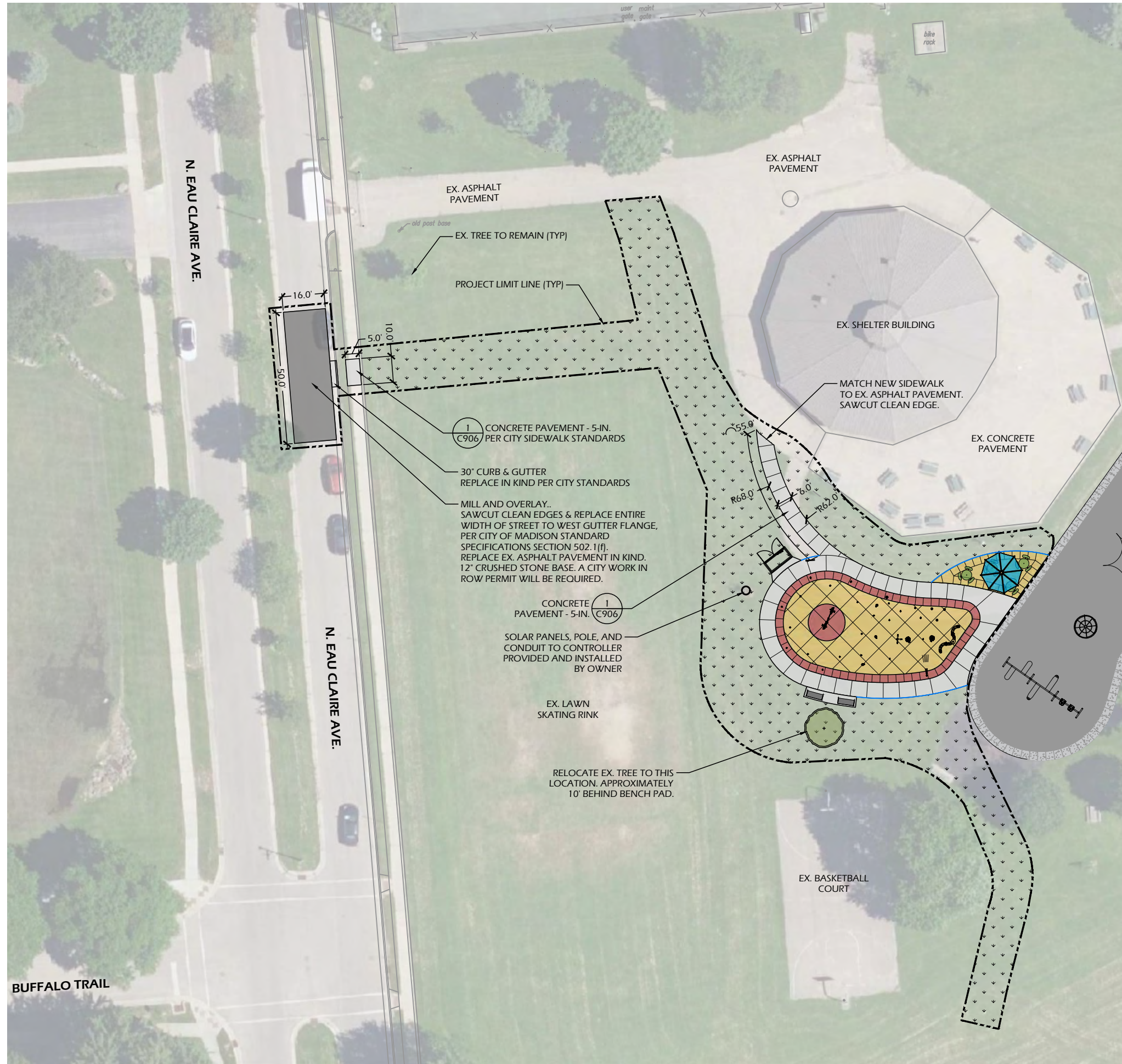


Revisions:

Project #: 24.017
Issued For: Bidding
Date: 1/22/25

Sheet Number
C120

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SITE LAYOUT NOTES

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- ALL PROPOSED DIMENSIONS ARE REFERENCED PARALLEL OR PERPENDICULAR TO THE PROPOSED FEATURES SHOWN. WRITTEN DIMENSIONS SUPERSEDE ANY SCALED DIMENSIONS.
- PROPOSED GRADE AND LEVEL SHALL BE PERIODICALLY REVIEWED IN THE FIELD BY THE OWNER OR A/E.
- CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.
- ALL CONCRETE POURS SHALL BE DOWELED TOGETHER UNLESS OTHERWISE APPROVED BY THE A/E.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STAKING. DIGITAL PLAN FILES MAY BE AVAILABLE FROM THE A/E.

LEGEND

ASPHALT PAVEMENT	
CONCRETE PAVEMENT	
CONCRETE PAVEMENT SOLOMON COLORS - MARIGOLD	
CONCRETE PAVEMENT SOLOMON COLORS - TERRA COTTA	
LAWN RESTORATION	
PROJECT LIMIT LINE	

LANDSCAPE AND RESTORATION NOTES

- CONTRACTOR SHALL MEET EXISTING GRADE AT GRADING LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
- RESTORE ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS WITH A MINIMUM 4" TOPSOIL DEPTH AND SEED. WATERING SHALL BE INCIDENTAL.
- SOD/SEED/SOIL PLACEMENT SHALL EXTEND TO THE LIMITS OF CONSTRUCTION DISTURBANCE. DISTURBANCE AREAS OUTSIDE OF THE DEFINED PROJECT LIMITS MAY BE RESTORED WITH SEED, FERTILIZER, AND CRIMP MULCH IN LIEU OF SEED/MATTING AT THE OWNER'S DISCRETION.
- ALL DISTURBED AREAS SHALL RECEIVE CLASS I URBAN TYPE A EROSION CONTROL MATTING.
- REFER TO CITY OF MADISON STANDARD SPECIFICATIONS ARTICLE 207 FOR SEED MIXTURE AND APPLICATION RATES.



RENNEBOHM PARK SPRAYGROUND

115 N. Eau Claire Avenue
 Madison, WI 53705

SITE LAYOUT & RESTORATION PLAN

Project Name:

Revisions:

Project #: 24.017
 Issued For: Bidding
 Date: 1/22/25





Sheet Number

C200

CONCRETE FINISH NOTES

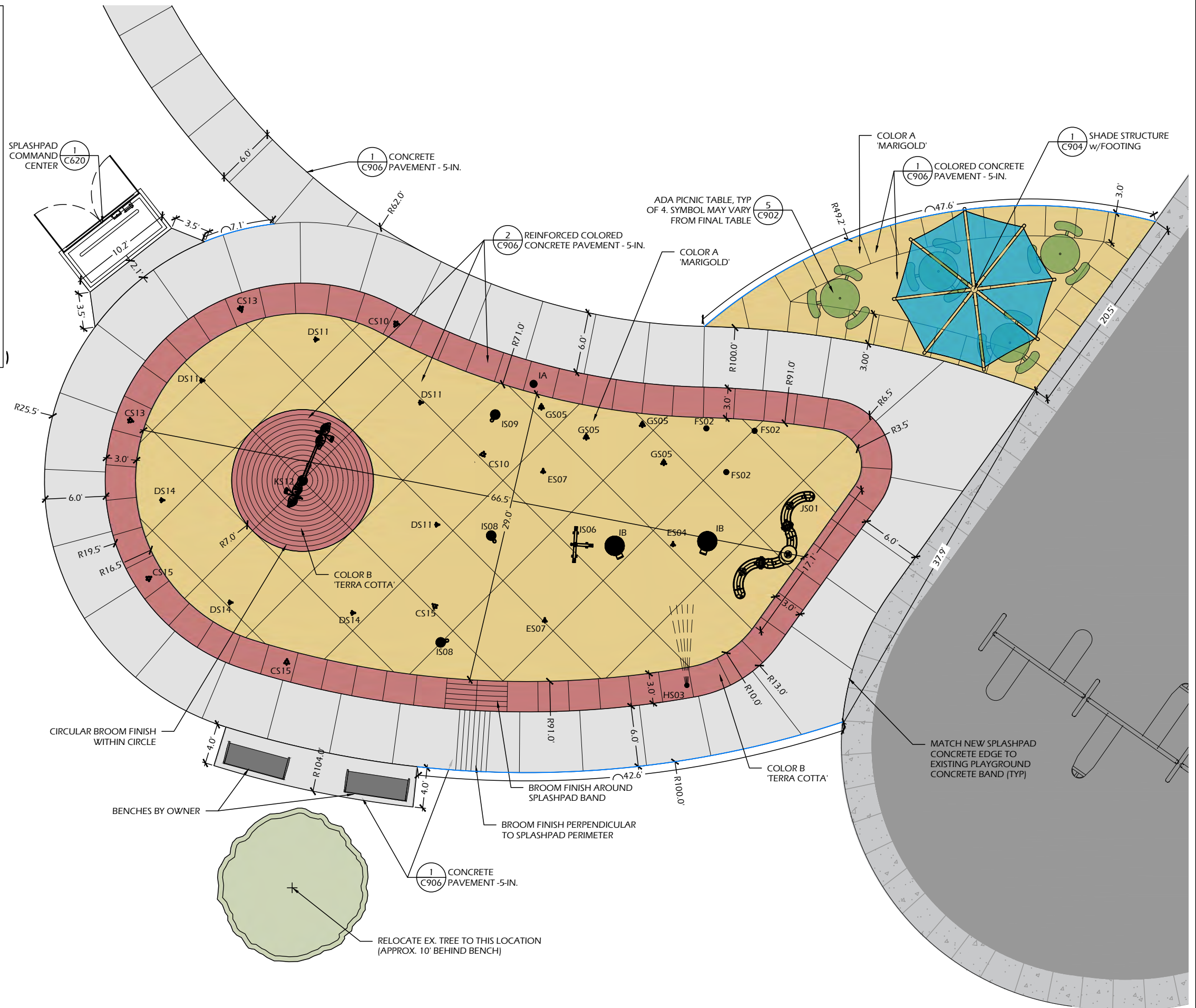
1. CONCRETE PAVEMENT - COLORED & REINFORCED - COLOR 'A':
 - 1.1. INTEGRAL COLORED CONCRETE
 - 1.1.1. SOLOMON COLORS MARIGOLD OR APPROVED EQUAL
 - 1.2. MEDIUM BROOM FINISH - SWIRL PATTERN
 - 1.3. NON-SLIP ADDITIVE SUCH AS SHARK-GRIP MUST BE APPLIED TO THE FINAL SURFACE PER SPECIFICATIONS.
2. CONCRETE PAVEMENT - COLORED & REINFORCED - COLOR 'B':
 - 2.1. INTEGRAL COLORED CONCRETE
 - 2.1.1. SOLOMON COLORS TERRA COTTA OR APPROVED EQUAL
 - 2.2. MEDIUM BROOM FINISH - SWIRL PATTERN
 - 2.3. NON-SLIP ADDITIVE SUCH AS SHARK-GRIP MUST BE APPLIED TO THE FINAL SURFACE PER SPECIFICATIONS.
3. CONCRETE PAVEMENT (DRY DECK/SIDEWALK)
 - 3.1. MEDIUM BROOM FINISH
 - 3.2. BROOMING PATTERN AS SHOWN ON PLANS
 - 3.3. NON-SLIP ADDITIVE SUCH AS SHARK-GRIP MUST BE APPLIED TO THE FINAL SURFACE PER SPECIFICATIONS, WITHIN THE SPLASHPAD.
4. CONTRACTOR TO CONSTRUCT 2'x2' TEST PANELS FOR APPROVAL FOR EACH CONCRETE TYPE TO DEMONSTRATE COLORS, BROOMING PATTERNS, AND SEALER FINISH. BROOM FINISH SHALL MEET SPECIFICATION REQUIREMENTS FOR SLIP RESISTANCE.
5. CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.
6. ALL CONCRETE POURS SHALL BE DOWELED TOGETHER UNLESS OTHERWISE APPROVED BY THE A/E.

LEGEND

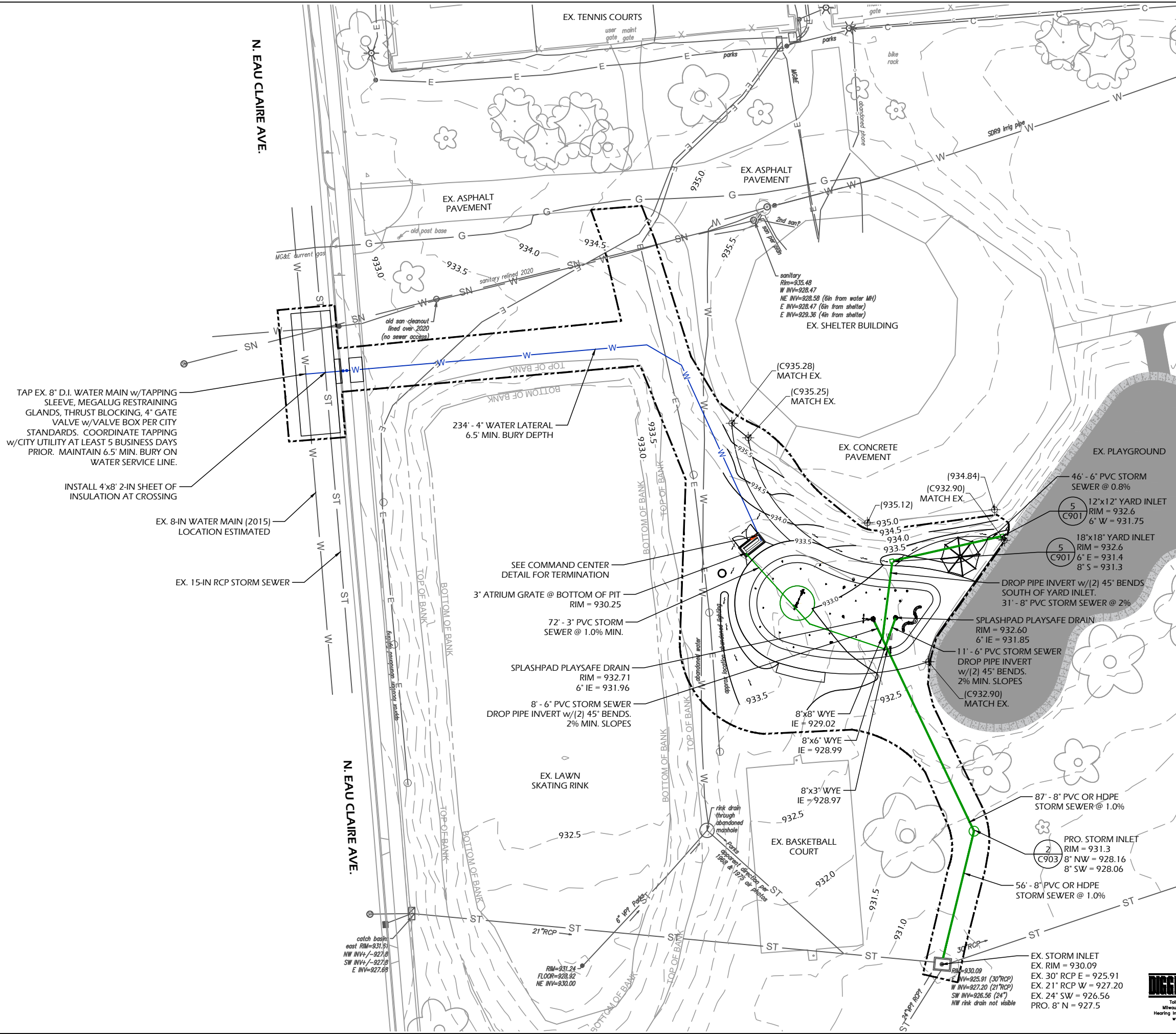
CONCRETE PAVEMENT	
CONCRETE PAVEMENT COLOR 'A' SOLOMON COLORS - MARIGOLD	
CONCRETE PAVEMENT COLOR 'B' SOLOMON COLORS - TERRA COTTA	
PROJECT LIMIT LINE	



MEDIUM BROOM FINISH



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- SITE GRADING NOTES**
1. ALL BIDDERS SHOULD VISIT THE SITE PRIOR TO SUBMITTING A BID AND REVIEW THE EXISTING CONDITIONS OF THE SITE.
 2. CONTACT DIGGER'S HOTLINE A MINIMUM OF 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
 3. GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE OWNER OR A/E.
 4. THE SITE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL ELEMENTS IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES AND THE LOCAL GOVERNING AUTHORITY'S REGULATIONS.
 5. PLACE INLET PROTECTION AT ALL PROPOSED AND EXISTING CATCH BASINS, MANHOLES, AND INLETS FOR THE DURATION OF CONSTRUCTION.
 6. CONTOUR INTERVAL SHOWN REPRESENTS ONE-HALF (0.5') VERTICAL FOOT AND SHALL BE CONSTRUED AS FINISH GRADE.
 7. ALL HARDCAPE SURFACES SHALL NOT EXCEED 2% RUNNING OR CROSS SLOPES UNLESS OTHERWISE INDICATED.
 8. ALL TURF AREAS SHALL MAINTAIN A MINIMUM SLOPE OF 2% UNLESS OTHERWISE INDICATED.
 9. MATCH TO EXISTING GRADE AT 5:1 MAXIMUM SLOPES BEYOND PROPOSED HARDCAPE LIMITS EXCEPT WHERE SHOWN OTHERWISE.

- UTILITY NOTES:**
- THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
 - STANDARD SPECIFICATIONS: PERFORM ALL WORK IN ACCORDANCE WITH THE PROVISIONS OF:
 - CITY OF MADISON STANDARD SPECIFICATIONS
 - "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" (WSWS) LATEST EDITION
 - STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (WISDOT) LATEST EDITION
 - CONTRACTOR SHALL OBTAIN A CURRENT COPY OF LOCAL MUNICIPAL STANDARD SPECIFICATIONS SECTION VII, PRIOR TO THE START OF CONSTRUCTION.
 - ALL UTILITIES SHALL BE INSTALLED WITH TRACER WIRE.

- STORM SEWER:**
- STORM SEWER OR CULVERTS WITHOUT DESIGNATED PIPE TYPES MAY BE SELECTED FROM THE MATERIALS LISTED IN THE SPECIFICATIONS.
 - STORM SEWER SPECIFIED AS RCP SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO THE FOLLOWING SPECIFICATIONS:
 - 12" DIA - CLASS V RCP
 - 15" DIA - CLASS IV RCP
 - 18+ DIA - CLASS III RCP
 - STORM SEWER SPECIFIED AS HDPE SHALL BE CORRUGATED HDPE, SMOOTH INTERIOR.
 - STORM SEWER SPECIFIED AS PVC SHALL BE SCHEDULE 40 OR SDR 26 PVC.
 - POLYETHYLENE MATERIAL SHALL CONFORM TO ASTM D3350. AN APPROVED RUBBER GASKET JOINT SHALL BE USED FOR EITHER OPTION. JOINTS FOR RCP SHALL CONFORM TO ASTM D-471. JOINTS FOR HDPE SHALL CONFORM TO ASTM F-477.
 - INSULATION MUST BE PROVIDED AT ANY CROSSINGS WITH WATER MAINS OR LATERALS WITH LESS THAN 24 INCHES OF VERTICAL SEPARATION.

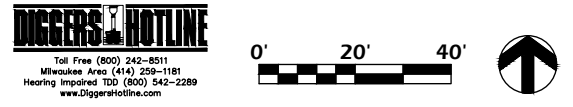
- WATER MAIN & LATERALS:**
- WATER PIPE 4" DIAMETER OR LARGER SHALL BE PVC AWWA, C900 OR DUCTILE IRON AWWA C-151, CLASS52.
 - WATER PIPE LESS THAN 4" DIAMETER SHALL BE HIGH DENSITY POLYETHYLENE AWWA C-901, SDR 11 OR TYPE "K" COPPER.
 - 2" INSULATION MUST BE PROVIDED AT ANY CROSSINGS WITH STORM OR SANITARY SEWER WITH LESS THAN 24 INCHES OF VERTICAL SEPARATION.
 - INSTALL TRACER WIRE OVER THE TOP OF ALL WATER PIPING, #12-GAUGE THWN SOLID COPPER w/BLUE COATING.
 - WATER MAIN TO BE TESTED & APPROVED PER CITY OF MADISON STANDARD SPECIFICATIONS.

Project Name: RENNEBOHM PARK SPRAYGROUND
 115 N. Eau Claire Avenue
 Madison, WI 53705

Project #: 24.017
Issued For: Bidding
Date: 1/22/25

Sheet Title: SITE GRADING + UTILITY PLAN

Sheet Number: C400






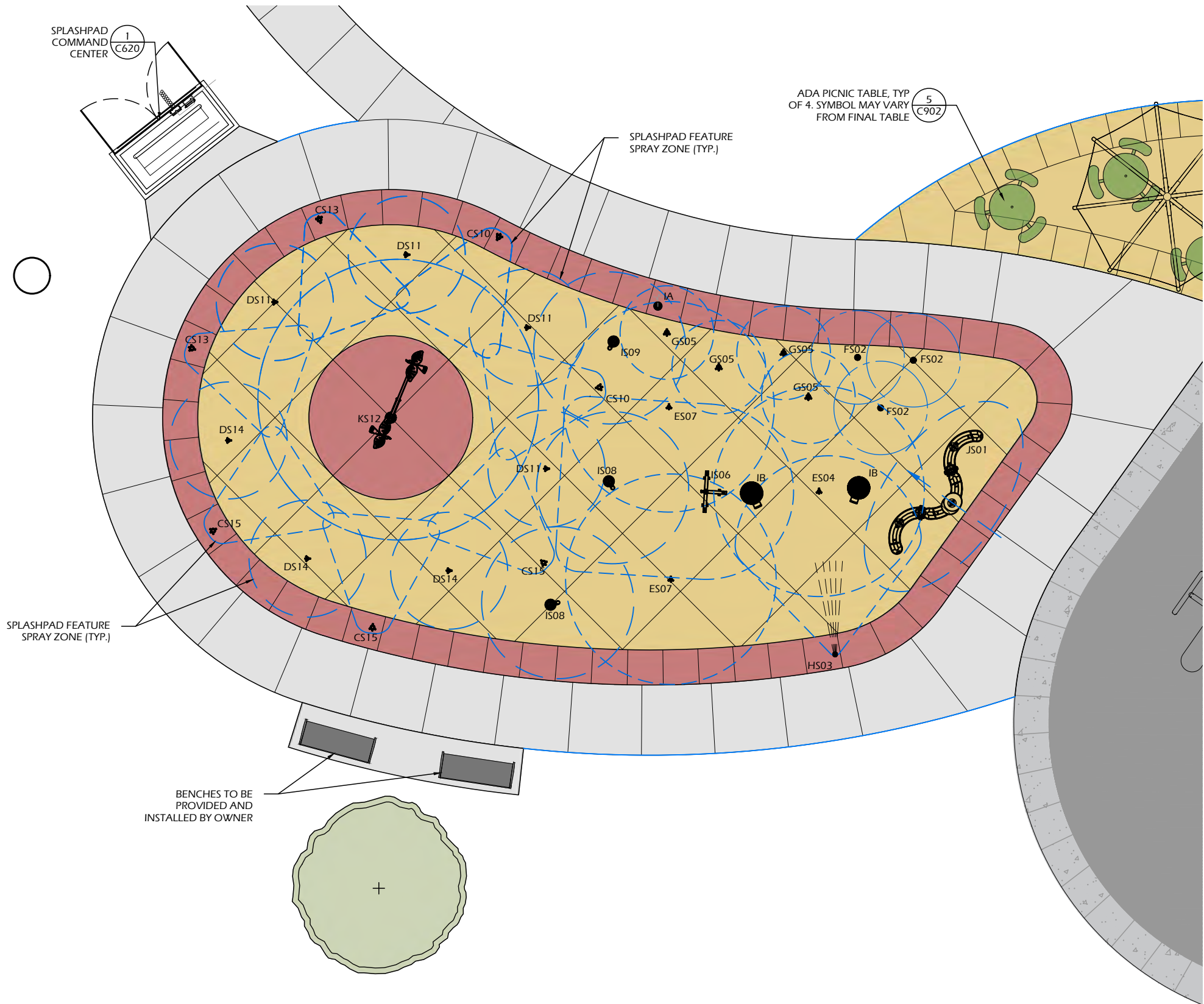
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Feature Connection Table							
Manifold Output Ref.	Solenoid Valve	Feature Ref.	Feature	Qty	Line Size	Gpm	Output (ID1)
S01	1" Std	J	Cascade River VOR 7249	1	1"	5	1
S02	1" Std	F	Water Jelly N'1 VOR 7010	3	1 1/2"	18	2
S03	1" Std	H	Rooster Tail VOR 0303	1	1"	9	3
S04	1" Std	E	Water Bloom N'1 VOR 0322	1	1"	9	4
S05	1" Std	G	Jet Stream N'2 VOR 0325	4	1 1/2"	16	5
S06	1" Std	I	Team Spray N'3 VOR 0328	1	1 1/2"	13.5	6
S07	1" Std	E	Water Bloom N'1 VOR 0322	2	1 1/2"	18	7
S08	1" Std	L	Spiroo VOR 7799	2	1"	8	8
S09	1" Std	L	Spiroo VOR 7799	1	1"	4	9
S10	1" Std	C	Split Stream VOR 7516	2	1"	6	10
S11	1" Std	D	Geyser N'1 VOR 0301	4	1 1/2"	28	11
S12	1" Std	K	Helico Birds VOR 7258	1	1 1/2"	12.5	12
S13	1" Std	C	Split Stream VOR 7516	2	1"	6.0	13
S14	1" Std	D	Geyser N'1 VOR 0301	3	1 1/2"	21.0	14
S15	1" Std	C	Split Stream VOR 7516	3	1"	9.0	15

FEATURE REFERENCE LEGEND	
AS01	FEATURE NAME REFERENCE
AS01	MANIFOLD LINE NUMBER

SPLASHPAD INFORMATION	
WET DECK AREA (SF)	2400
TOTAL FEATURE FLOW RATE (GPM)	183
AVERAGE SEQUENCED FLOW RATE (GPM)	110

Product Legend		
Product Ref.	Product	Qty
IA	Activator N'4 VOR 0622	1
IB	Playsafe Drain N'4 VOR1004	2
IC	Water Distribution System ECCS 2.0 Cabinet Command Center	1
ID1	MaestroPRO Controller 24 out/ 12 in VOR-33907.3200	1
ID2	MaestroPRO Power Box VOR-33907.3200	1
	4" Pressure Regulator	1
	4" Backflow Preventer	1
	1" Solenoid Valve with Ball Valve & Union	15






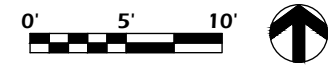
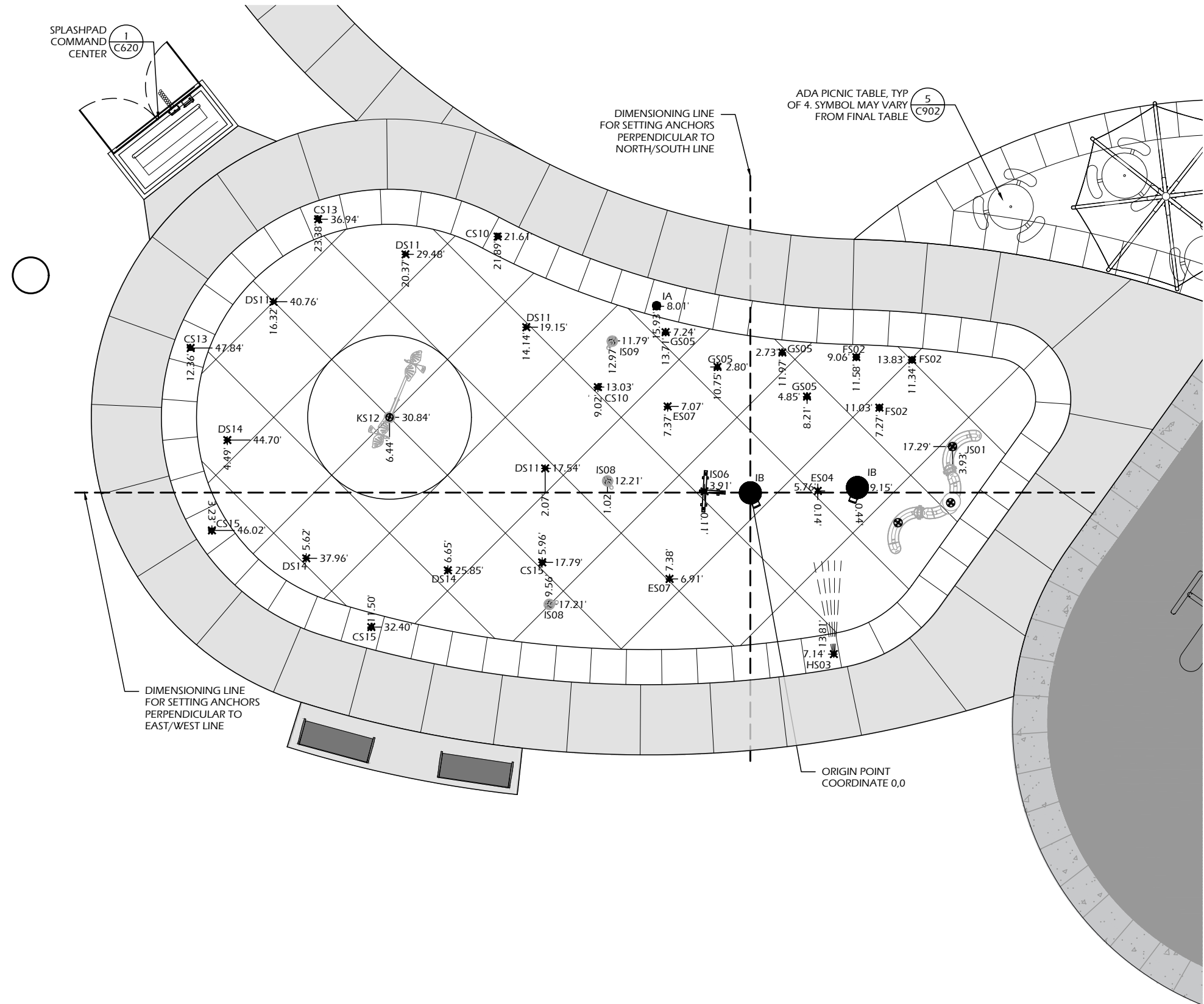
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Feature Connection Table							
Manifold Output Ref.	Solenoid Valve	Feature Ref.	Feature	Qty	Line Size	Gpm	Output (ID1)
S01	1" Std	J	Cascade River VOR 7249	1	1"	5	1
S02	1" Std	F	Water Jelly N'1 VOR 7010	3	1 1/2"	18	2
S03	1" Std	H	Rooster Tail VOR 0303	1	1"	9	3
S04	1" Std	E	Water Bloom N'1 VOR 0322	1	1"	9	4
S05	1" Std	G	Jet Stream N'2 VOR 0325	4	1 1/2"	16	5
S06	1" Std	I	Team Spray N'3 VOR 0328	1	1 1/2"	13.5	6
S07	1" Std	E	Water Bloom N'1 VOR 0322	2	1 1/2"	18	7
S08	1" Std	L	Spiroo VOR 7799	2	1"	8	8
S09	1" Std	L	Spiroo VOR 7799	1	1"	4	9
S10	1" Std	C	Split Stream VOR 7516	2	1"	6	10
S11	1" Std	D	Geyser N'1 VOR 0301	4	1 1/2"	28	11
S12	1" Std	K	Helico Birds VOR 7258	1	1 1/2"	12.5	12
S13	1" Std	C	Split Stream VOR 7516	2	1"	6.0	13
S14	1" Std	D	Geyser N'1 VOR 0301	3	1 1/2"	21.0	14
S15	1" Std	C	Split Stream VOR 7516	3	1"	9.0	15

FEATURE REFERENCE LEGEND	
AS01	FEATURE NAME REFERENCE
AS01	MANIFOLD LINE NUMBER

SPLASHPAD INFORMATION	
WET DECK AREA (SF)	2400
TOTAL FEATURE FLOW RATE (GPM)	183
AVERAGE SEQUENCED FLOW RATE (GPM)	110

Product Legend		
Product Ref.	Product	Qty
IA	Activator N'4 VOR 0622	1
IB	Playsafe Drain N'4 VOR 1004	2
IC	Water Distribution System ECC 2.0 Cabinet Command Center	1
ID1	MaestroPRO Controller 24 out/ 12 in VOR-33907.3200	1
ID2	MaestroPRO Power Box VOR-33907.3200	1
	4" Pressure Regulator	1
	4" Backflow Preventer	1
	1" Solenoid Valve with Ball Valve & Union	15



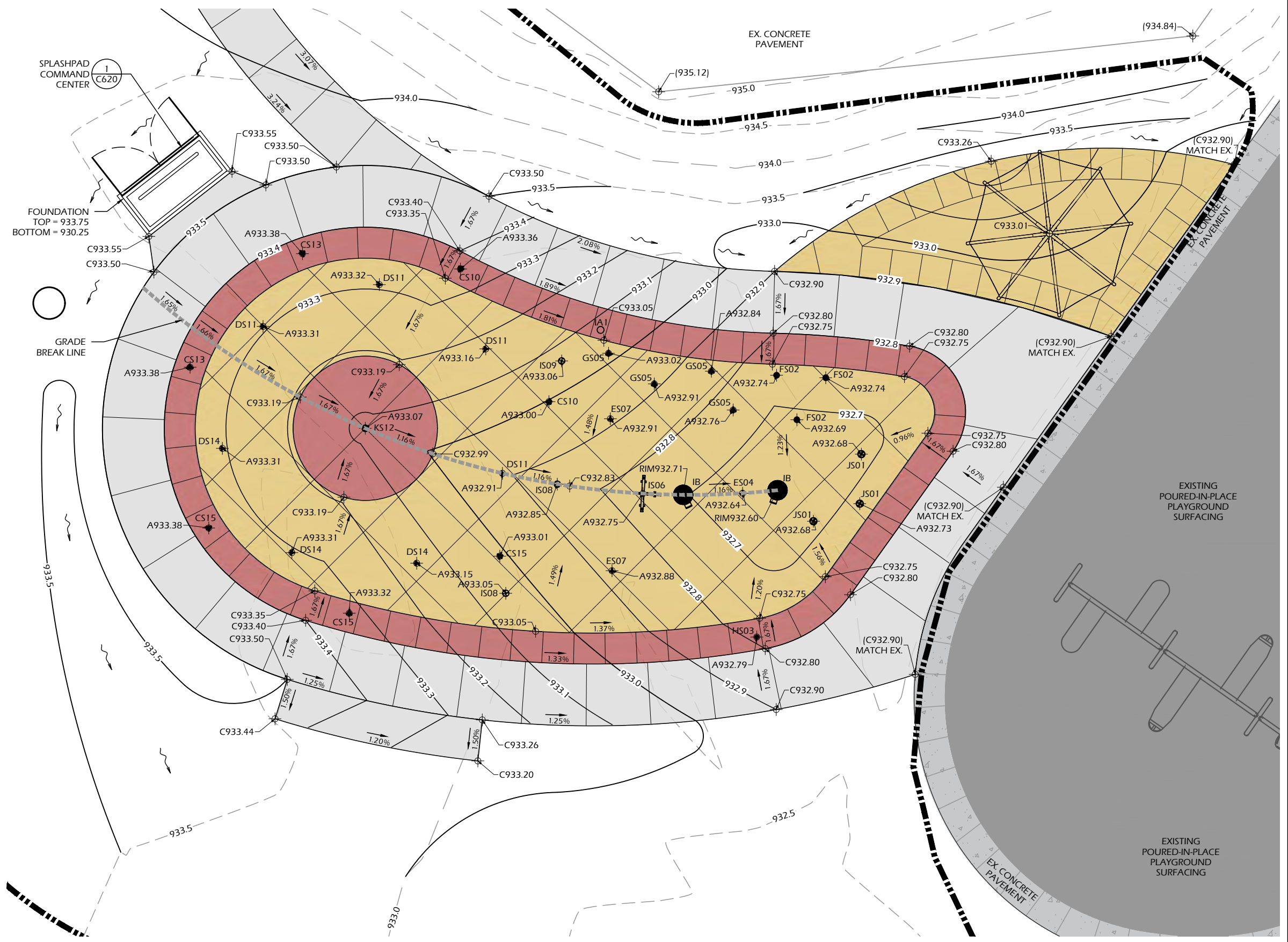
Feature Connection Table			
Manifold Output Ref.	Feature Ref.	Feature	Qty
S01	J	Cascade River VOR 7249	1
S02	F	Water Jelly N'1 VOR 7010	3
S03	H	Rooster Tail VOR 0303	1
S04	E	Water Bloom N'1 VOR 0322	1
S05	G	Jet Stream N'2 VOR 0325	4
S06	I	Team Spray N'3 VOR 0328	1
S07	E	Water Bloom N'1 VOR 0322	2
S08	L	Spiroo VOR 7799	2
S09	L	Spiroo VOR 7799	1
S10	C	Split Stream VOR 7516	2
S11	D	Geyser N'1 VOR 0301	4
S12	K	Helico Birds VOR 7258	1
S13	C	Split Stream VOR 7516	2
S14	D	Geyser N'1 VOR 0301	3
S15	C	Split Stream VOR 7516	3

Product Legend		
Product Ref.	Product	Qty
IA	Activator N'4 VOR 0622	1
IB	Playsafe Drain N'4 VOR1004	2
IC	Water Distribution System ECCC 2.0 Cabinet Command Center	1
ID1	MaestroPRO Controller 24 out/ 12 in VOR-33907.3200	1
ID2	MaestroPRO Power Box VOR-33907.3200	1
IAW	4" Pressure Regulator	1
IBW	4" Backflow Preventer	1
ISW	1" Solenoid Valve with Ball Valve & Union	15

SPLASHPAD INFORMATION	
WET DECK AREA (SF)	2400
TOTAL FEATURE FLOW RATE (GPM)	183
AVERAGE SEQUENCED FLOW RATE (GPM)	110

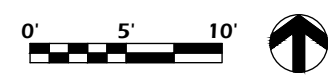
FEATURE REFERENCE LEGEND	
AS01	FEATURE NAME REFERENCE
AS01	MANIFOLD LINE NUMBER

SPOT GRADE ABBREVIATIONS:	
(xxx.xx)	= EXISTING GRADE
Cxxx.xx	= PROPOSED CONCRETE
Axxx.xx	= ANCHOR FINISH ELEVATION
xxx.xx	= PROPOSED FINISH SURFACE
RIMxxx.xx	= RIM ELEVATION



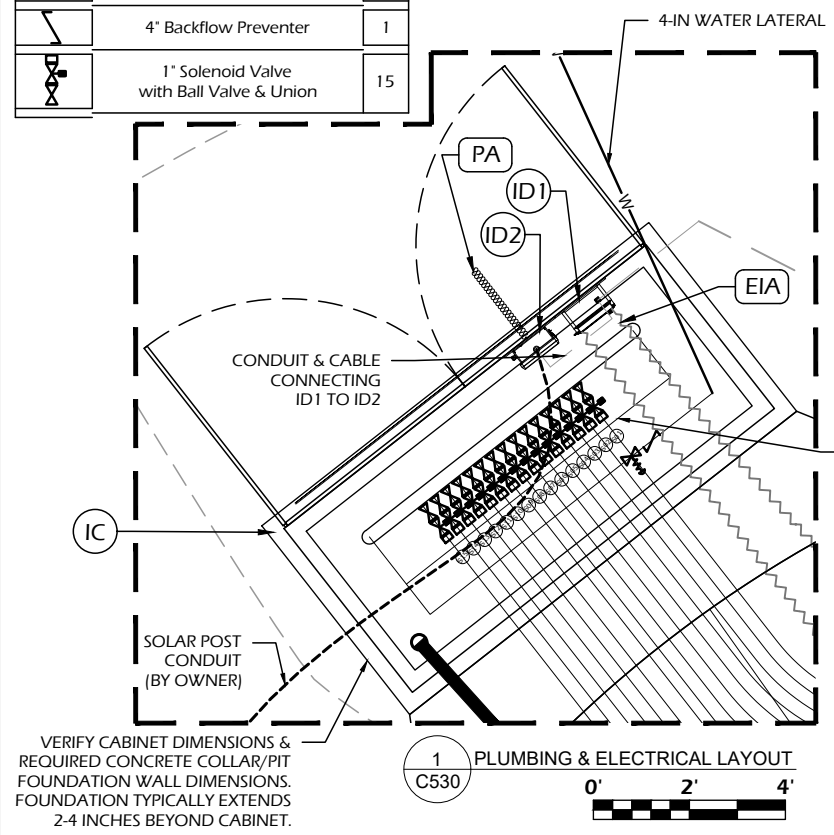
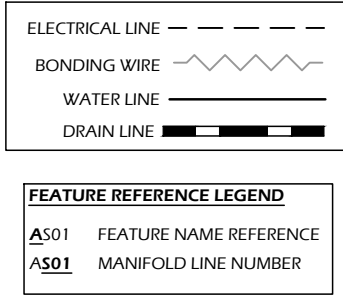
- SPLASHPAD DECK GRADING NOTES**
- SPLASHPAD DECK SHALL NOT EXCEED 5% RUNNING OR 2% CROSS SLOPES UNLESS OTHERWISE INDICATED, AND MAINTAIN A 1% MINIMUM SLOPE ON ALL WET DECK AREAS.
 - THE SPLASHPAD WET DECK SHALL SLOPE TOWARD DRAINS WITHOUT CREATING AREAS OF POOLING WATER. AREAS HOLDING STANDING WATER MORE THAN 1/8" DEEP (THICKNESS OF A QUARTER) 15 MINUTES AFTER SPRAY FEATURES ARE TURNED OFF ARE CONSIDERED TO FAIL THE SLOPE REQUIREMENTS.
 - CONTRACTOR TO ADJUST SPRAY FEATURE ANCHOR ELEVATIONS IN THE FIELD AS NEEDED.
 - CONTOURS SHOWN REPRESENT 0.1 (ONE TENTH) VERTICAL FOOT WITHIN THE SPLASHPAD AREA. CONTOURS OUTSIDE OF THE SPLASHPAD AREA REPRESENT 0.5 (ONE HALF) VERTICAL FOOT (LAWN AREAS).

File: V:\24.017 Madison Rennebohm Splashpad\CAD\P-SC.dwg Layout: C520 User: bluem Plotted: Jan 17, 2025 - 4:56pm



Feature Connection Table							
Manifold Output Ref.	Solenoid Valve	Feature Ref.	Feature	Qty	Line Size	Gpm	Output (ID1)
S01	1" Std	J	Cascade River VOR 7249	1	1"	5	1
S02	1" Std	F	Water Jelly N°1 VOR 7010	3	1 1/2"	18	2
S03	1" Std	H	Rooster Tail VOR 0303	1	1"	9	3
S04	1" Std	E	Water Bloom N°1 VOR 0322	1	1"	9	4
S05	1" Std	G	Jet Stream N°2 VOR 0325	4	1 1/2"	16	5
S06	1" Std	I	Team Spray N°3 VOR 0328	1	1 1/2"	13.5	6
S07	1" Std	E	Water Bloom N°1 VOR 0322	2	1 1/2"	18	7
S08	1" Std	L	Spiroo VOR 7799	2	1"	8	8
S09	1" Std	L	Spiroo VOR 7799	1	1"	4	9
S10	1" Std	C	Split Stream VOR 7516	2	1"	6	10
S11	1" Std	D	Geyser N°1 VOR 0301	4	1 1/2"	28	11
S12	1" Std	K	Helico Birds VOR 7258	1	1 1/2"	12.5	12
S13	1" Std	C	Split Stream VOR 7516	2	1"	6.0	13
S14	1" Std	D	Geyser N°1 VOR 0301	3	1 1/2"	21.0	14
S15	1" Std	C	Split Stream VOR 7516	3	1"	9.0	15

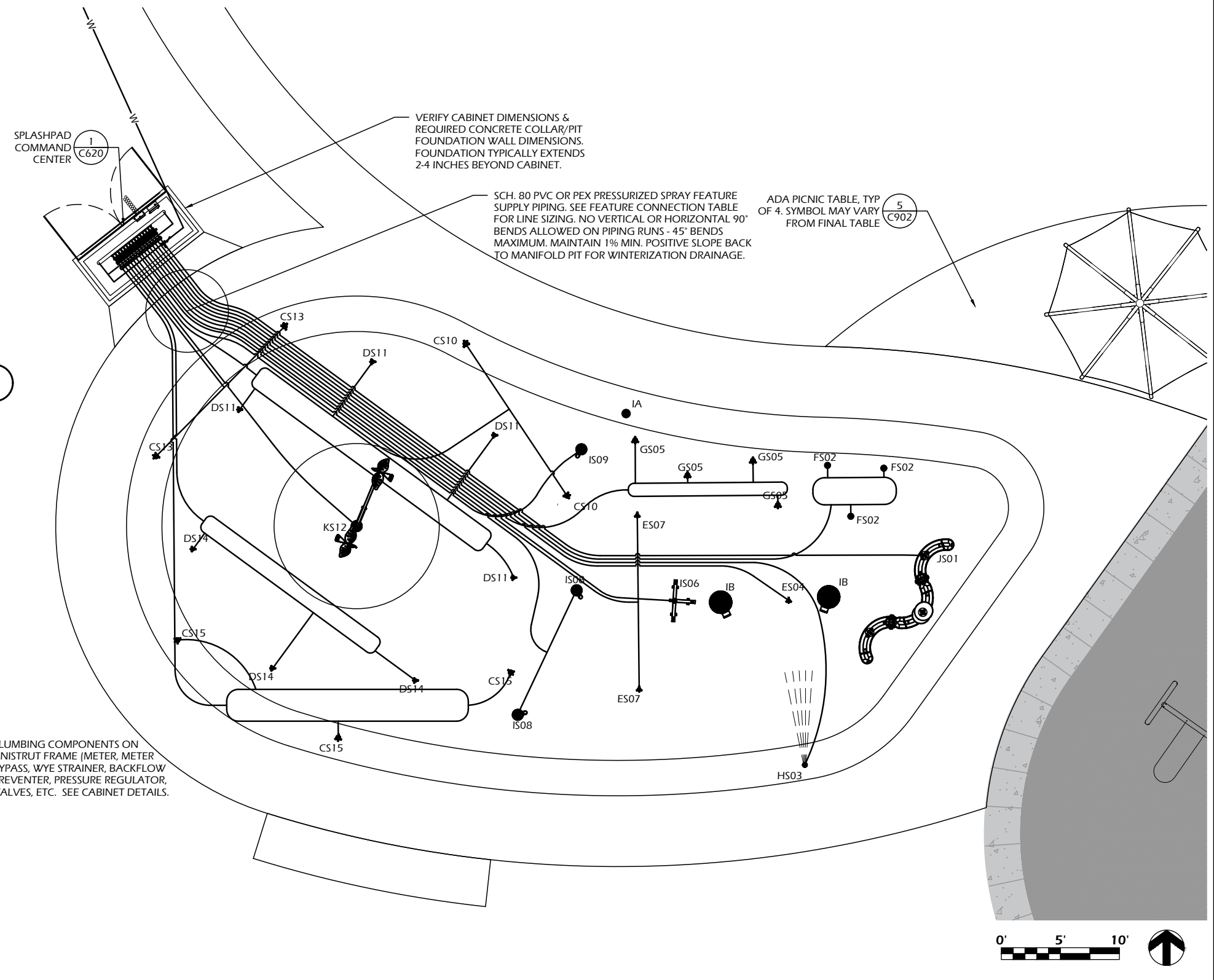
Product Legend		
Product Ref.	Product	Qty
IA	Activator N°4 VOR 0622	1
IB	Playsafe Drain N°4 VOR1004	2
IC	Water Distribution System ECCC 2.0 Cabinet Command Center	1
ID1	MaestroPRO Controller 24 out/ 12 in VOR-33907.3200	1
ID2	MaestroPRO Power Box VOR-33907.3200	1
IS	4" Pressure Regulator	1
IS	4" Backflow Preventer	1
IS	1" Solenoid Valve with Ball Valve & Union	15



- PIPING NOTES**
1. PIPING CONFIGURATION SHOWN IS SCHEMATIC AND MAY BE MOVED OR ADJUSTED ON SITE BY INSTALLER TO ADJUST FOR SITE CONDITIONS
 2. ANY REQUIRED BACKFLOW PREVENTER AND WATER METER ON THE CITY WATER MAIN SHALL BE PROVIDED BY INSTALLER. PRESSURE REGULATOR WILL BE PROVIDED BY VORTEX.
 3. ALL PIPE LINES TO FEATURES TO HAVE A 1% MINIMUM RECOMMENDED SLOPE FOR PROPER WINTERIZATION.
 4. ALL LINE SIZING (FEATURE CONNECTION TABLE) ASSUMES A MAXIMUM DISTANCE OF 100 FEET BETWEEN THE WATER DISTRIBUTION MANIFOLD AND THE FURTHEST PLAY PRODUCT.
 5. PRESSURE LINES ARE RECOMMENDED TO BE SCHEDULE 80 PVC OR PEX, AND NON-PRESSURE LINES TO BE SCHEDULE 40.
 6. PIPING SHOULD BE INSPECTED AFTER TRANSPORTATION FOR CUTS, SCRATCHES, GOUGES OR SPLITS; DAMAGED SECTIONS MUST BE DISCARDED OR CUT OUT.
 7. FEATURE SUPPLY PIPING SHALL BE INSTALLED A MINIMUM OF 12" DEEP, 18" PREFERRED.
 8. SPECIAL CONSIDERATIONS SHOULD BE TAKEN FOR THERMAL CONDITIONS, EXPANSION AND CONTRACTIONS DUE TO TEMPERATURE SHOULD BE EVALUATED BEFORE THE INSTALLATION BY THE CONTRACTOR.
 9. VALVE NUMBER 1 IS LOCATED TO THE LEFT OF THE MANIFOLD FACING THE CONTROLLER.
 10. MINIMUM 50 PSI REQUIRED AT THE INLET OF THE BACKFLOW PREVENTER AND PRESSURE REGULATING DEVICE.

SPLASHPAD INFORMATION	
WET DECK AREA (SF)	2400
TOTAL FEATURE FLOW RATE (GPM)	183
AVERAGE SEQUENCED FLOW RATE (GPM)	110

NO 90° VERTICAL OR HORIZONTAL BENDS IN SUPPLY OR DRAINLINE PIPES SHALL BE PERMITTED. CONTRACTOR SHALL OBTAIN INSPECTION BY OWNER OR A/E PRIOR TO COVERING ALL PIPES WITH BEDDING. CONTRACTOR SHALL PHOTO DOCUMENT ALL PIPE RUNS PRIOR TO PLACING COVER BEDDING.



File: V:\24.017 Madison Rennebohm Splashpad\CAD\P-SP.dwg Layout: C530 User: Blake Plotted: Jan 17, 2025 4:54pm



Project Name: RENNEBOHM PARK SPRAYGROUND
 115 N. Eau Claire Avenue
 Madison, WI 53705

Sheet Title: SPLASHPAD PLUMBING PLAN

Revisions:

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Project #: 24.017
 Issued For: Bidding
 Date: 1/22/25

Sheet Number: **C530**



File: V:\24.017 Madison Rennebohm Splashpad\CAD\P-SP.dwg Layout: C550 User: Blake Plotted: Jan 17, 2025 - 4:54pm



FINAL PROJECT MAY VARY FROM RENDERINGS



RENNEBOHM PARK SPRAYGROUND

115 N. Eau Claire Avenue
Madison, WI 53705

SPLASHPAD RENDERINGS

Project Name:

Revisions:

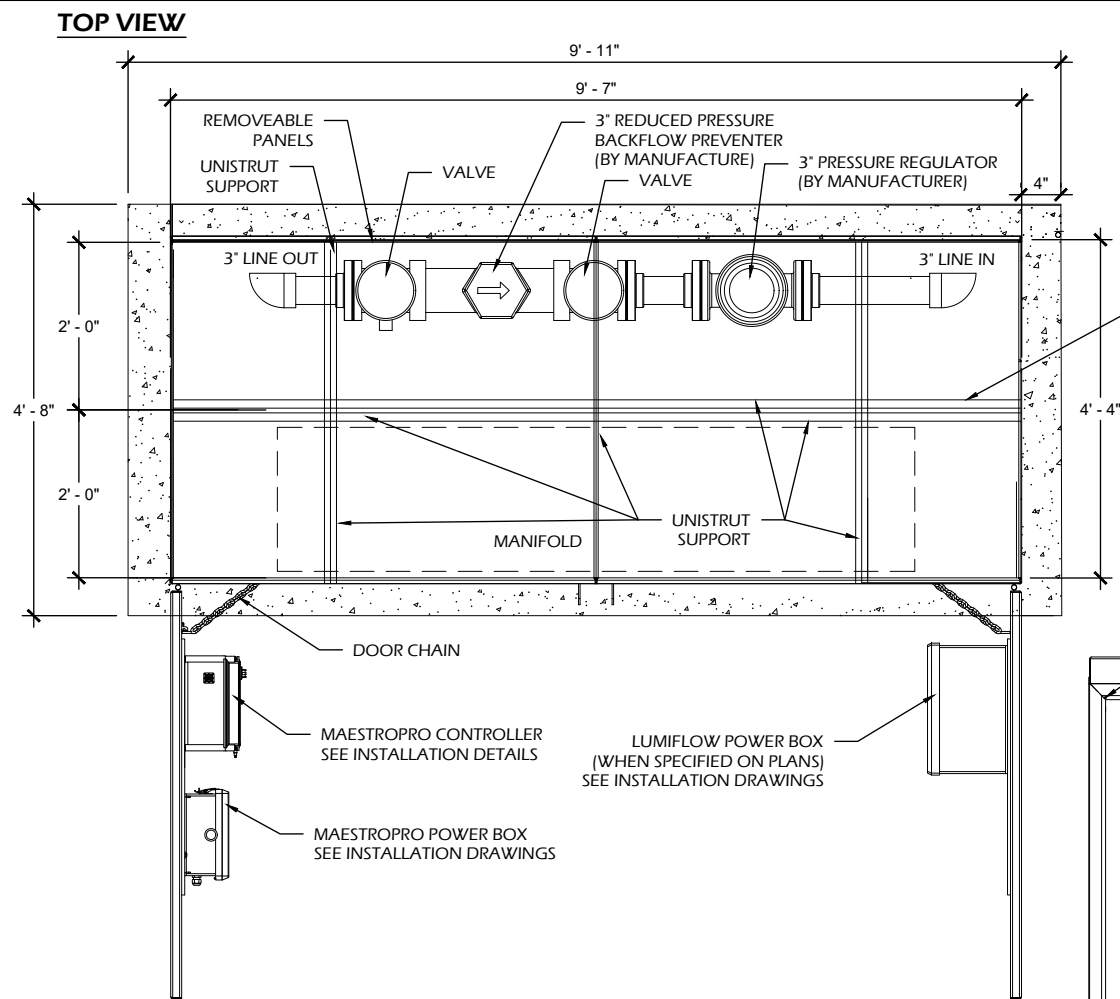
Project #:
Issued For:
Date:

24.017
Bidding
1/22/25

Sheet Number

C550

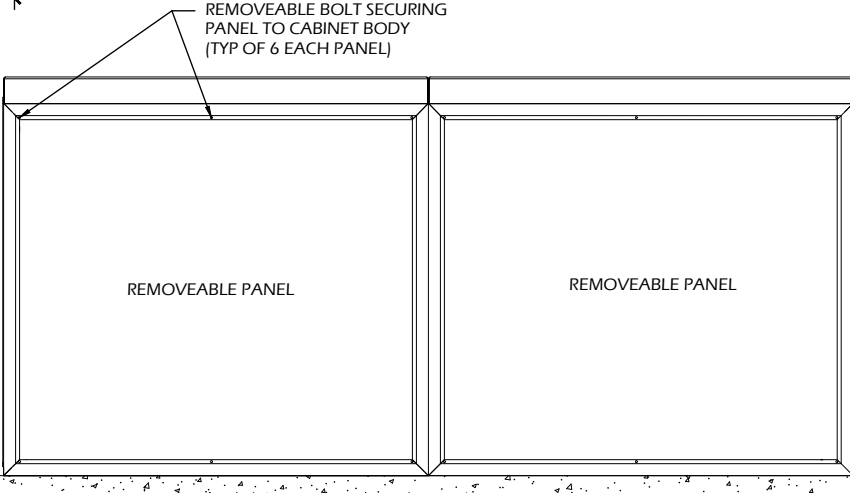
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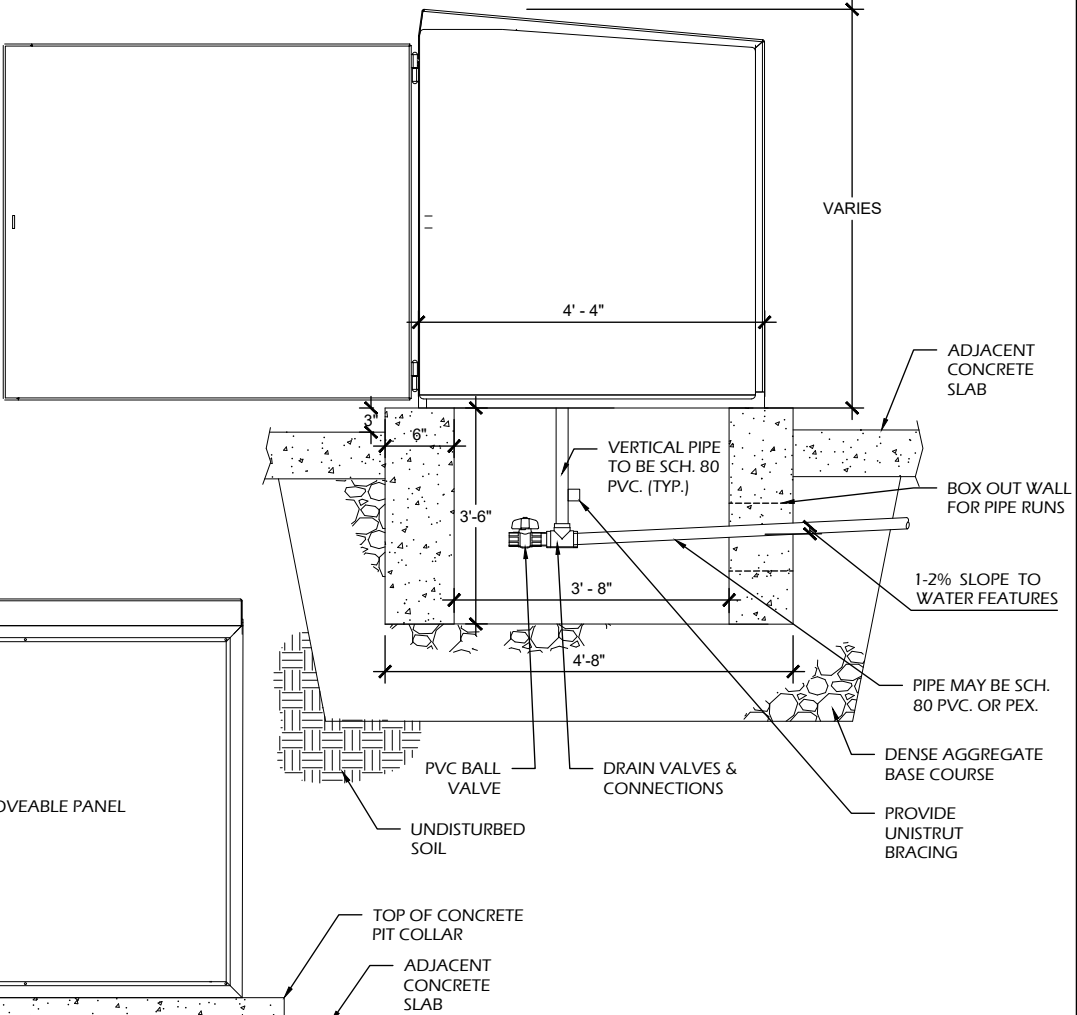
- NOTES:**
1. REFER TO PIPING AND ELECTRICAL DRAWINGS FOR PIPE SIZES AND ELECTRICAL CONNECTIONS.
 2. REFER TO PRODUCT SPECIFICATION DOCUMENT FOR ADDITIONAL INFORMATION.
 3. "BY INSTALLER" REFERS TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER.
 4. SEE PRODUCT INSTALLATION MANUAL FOR INSTALLATION TIPS.

MANIFOLD TO BE PROVIDED BY MANUFACTURER ON UNISTRUT FRAME. CONTRACTOR TO PROVIDE AND ASSEMBLE SECOND UNISTRUT FRAME TO SUPPORT ADDITIONAL PLUMBING COMPONENTS.

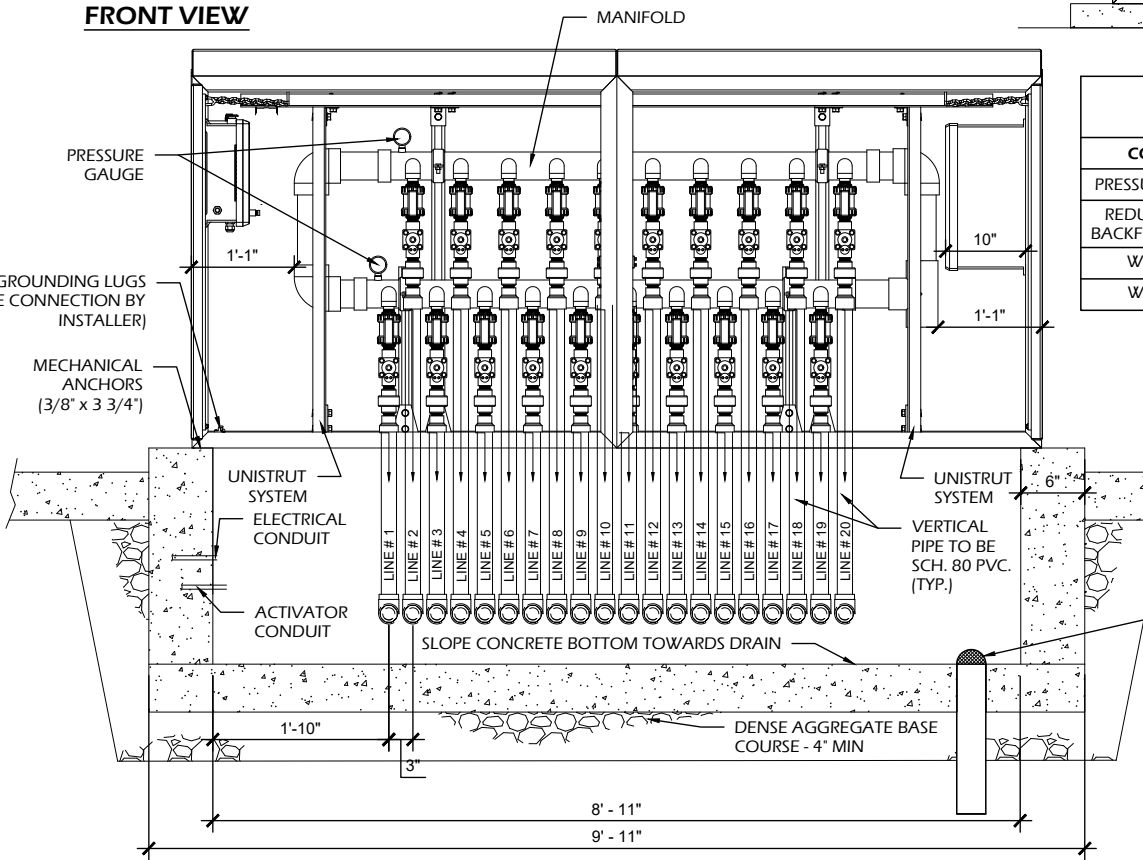
CABINET BACK VIEW



RIGHT SIDE VIEW



FRONT VIEW

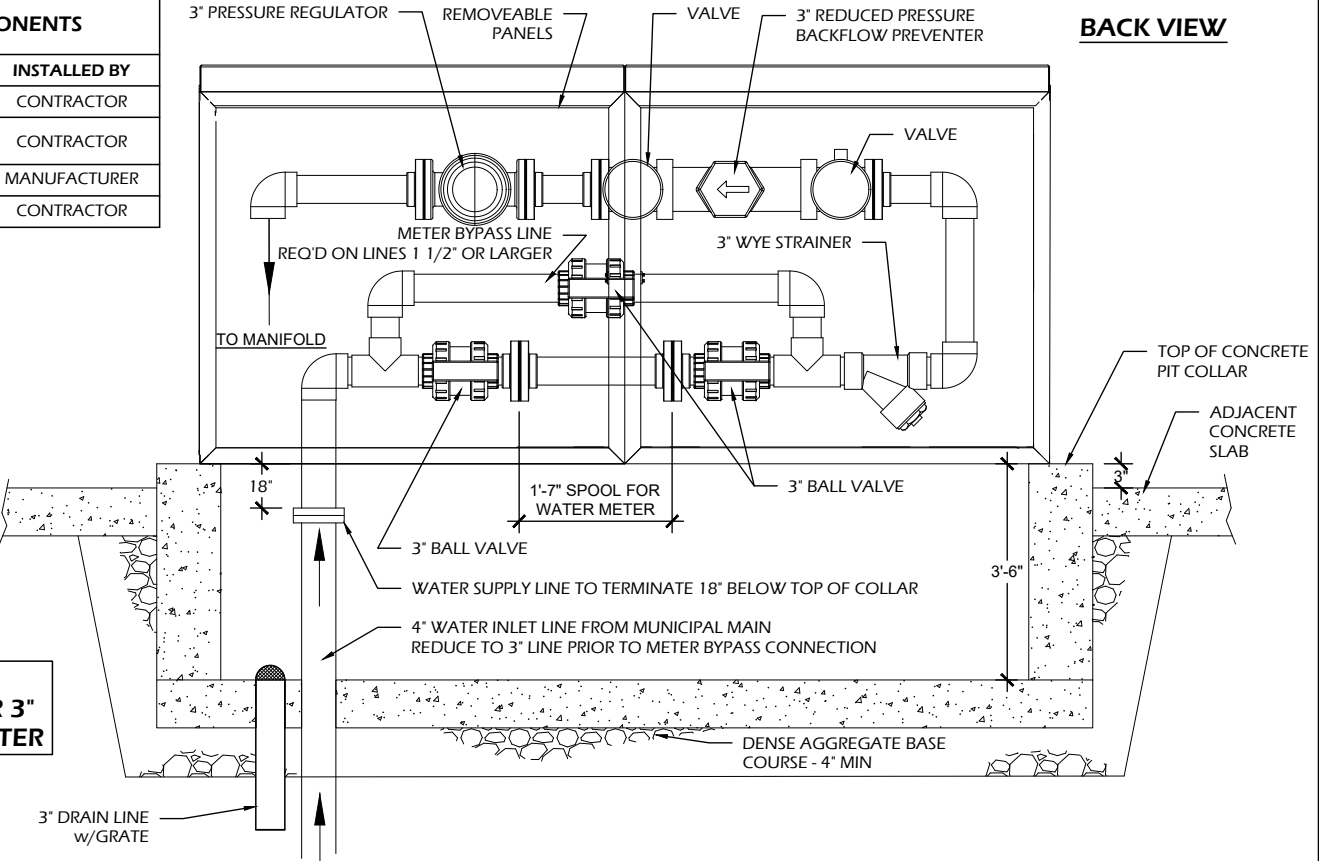


SPLASHPAD PLUMBING COMPONENTS

COMPONENT	PROVIDED BY	INSTALLED BY
PRESSURE REGULATOR	MANUFACTURER	CONTRACTOR
REDUCED PRESSURE BACKFLOW PREVENTER	MANUFACTURER	CONTRACTOR
WYE STRAINER	MANUFACTURER	MANUFACTURER
WATER METER	OWNER	CONTRACTOR

MUNICIPALITY TO PROVIDE 2" TURBO OR 3" STANDARD WATER METER

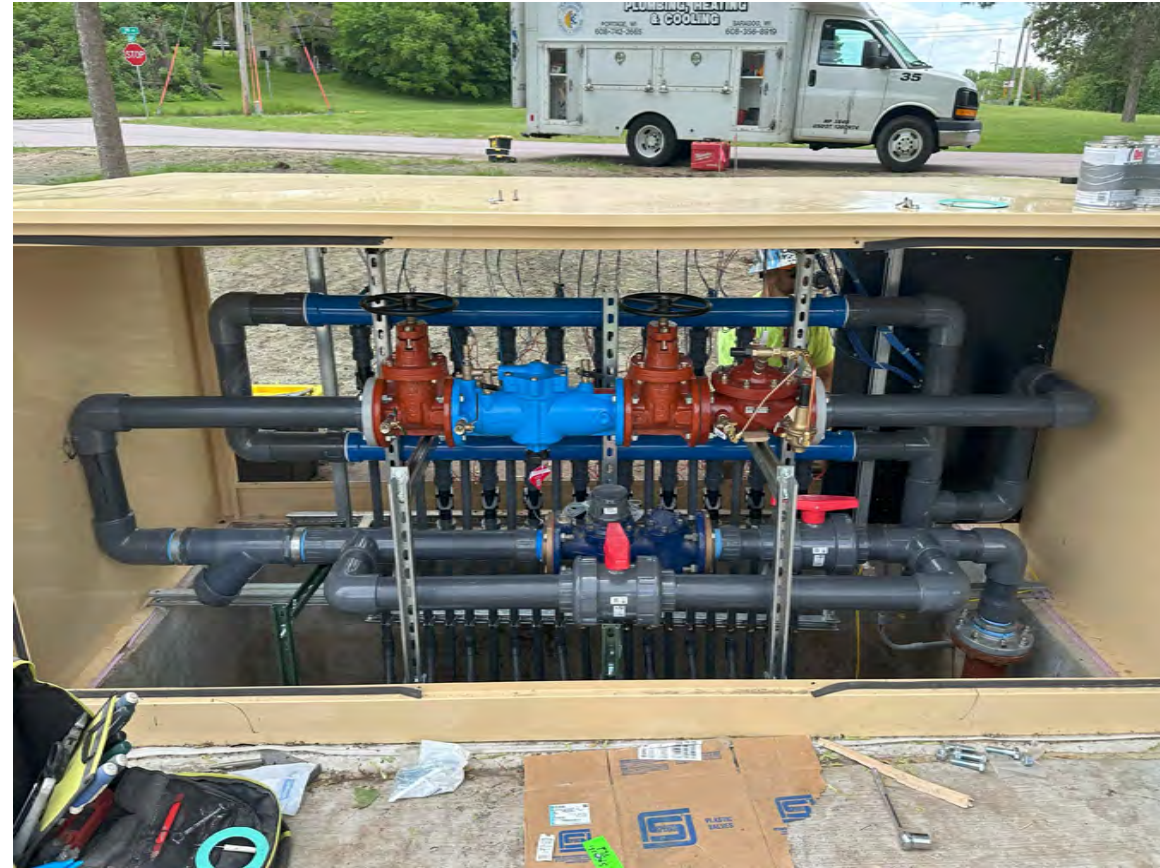
BACK VIEW



1 COMMAND CENTER
 C620 SCALE: NTS



EXAMPLE SUPPLY SIDE OF COMMAND CENTER



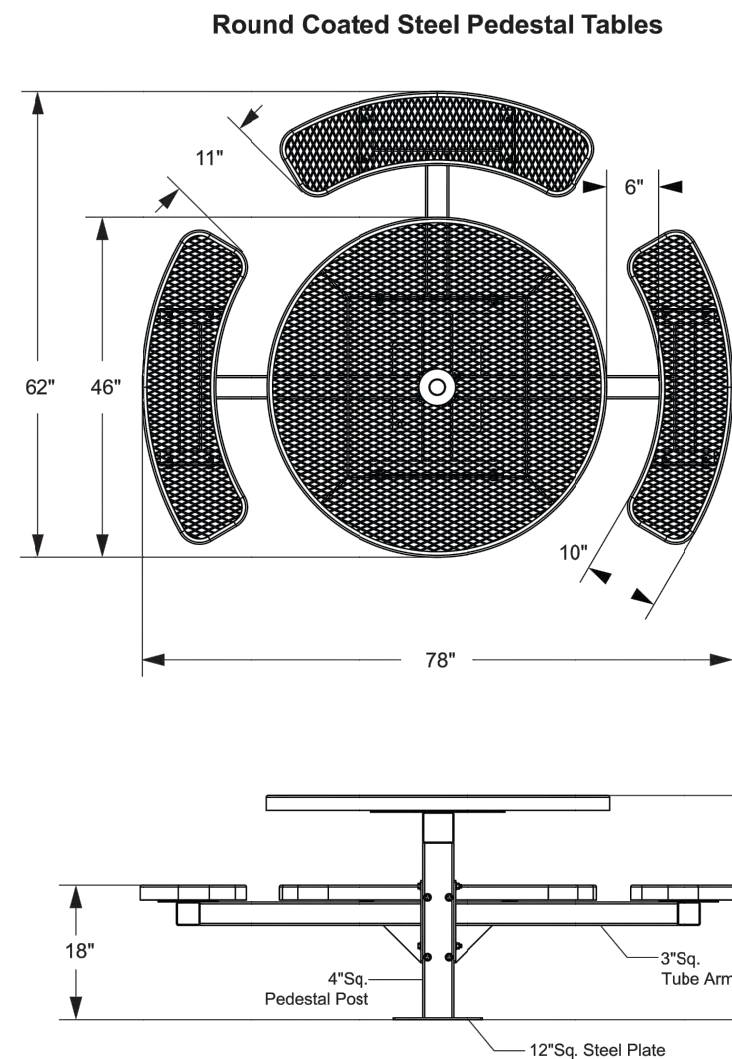
NOTE
 EXAMPLES SHOWN FOR REVIEW AND DISCUSSION PURPOSES ONLY. FINAL PLUMBING LAYOUT MAY VARY, BUT MUST BE INSTALLED PER CODE.



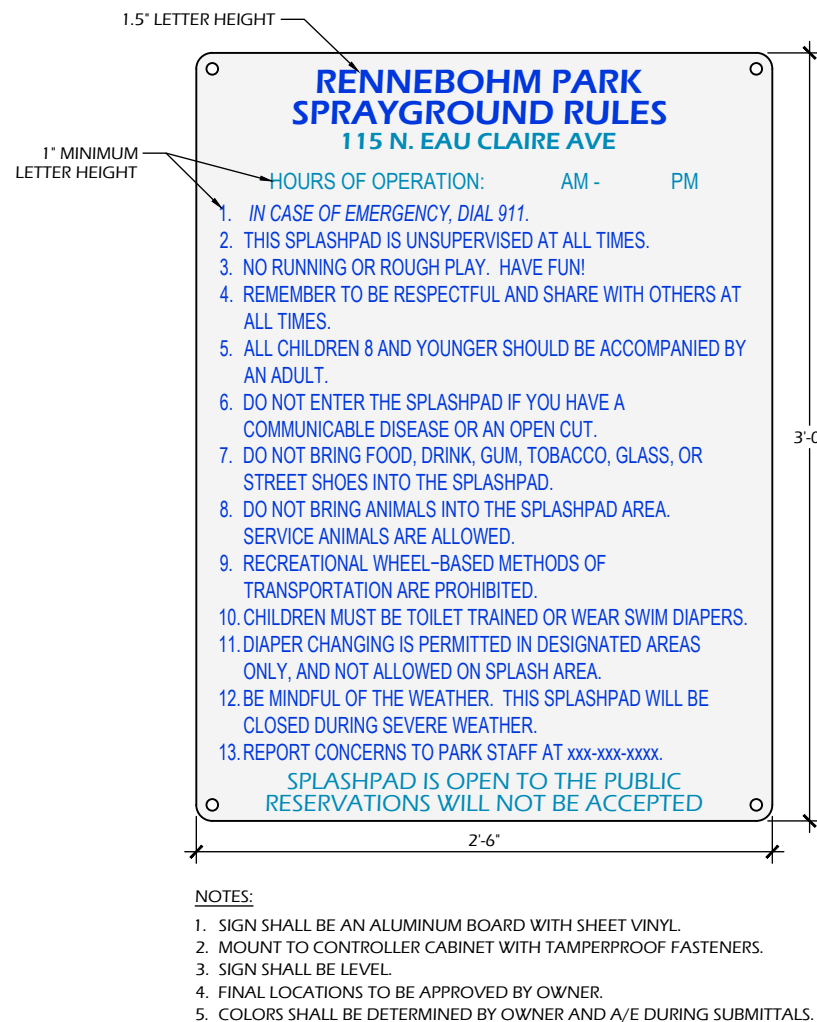
EXAMPLE MANIFOLD SIDE OF COMMAND CENTER (BY MANUFACTURER)



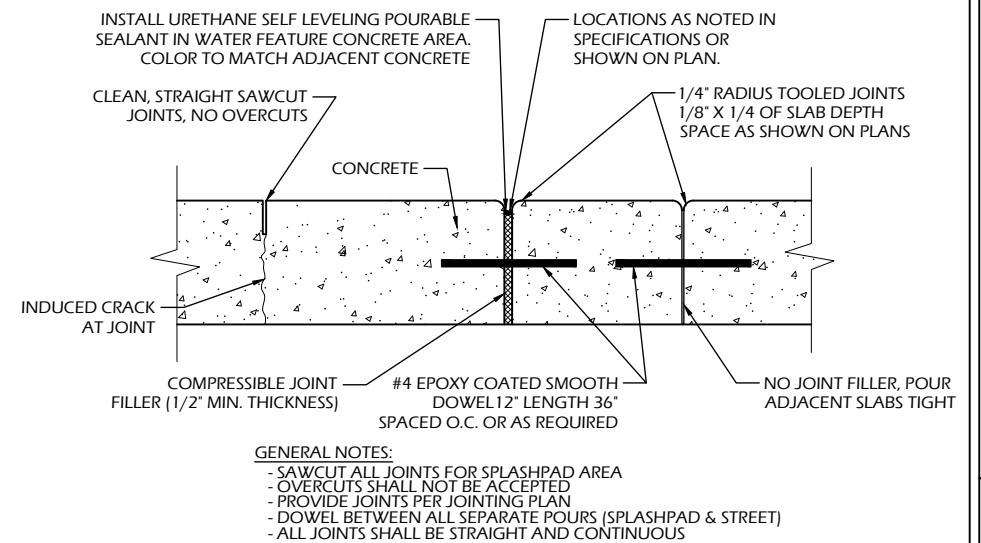
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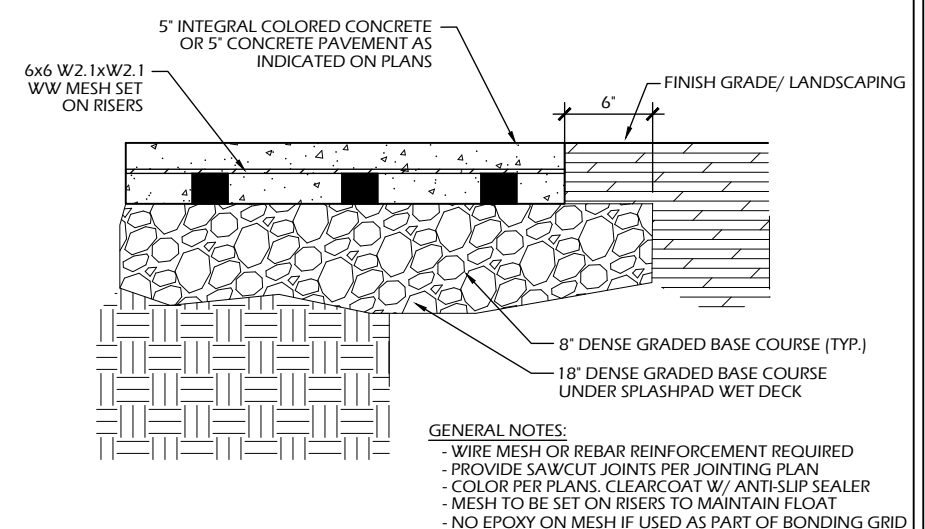
5 PICNIC TABLE
C902 SCALE: NTS



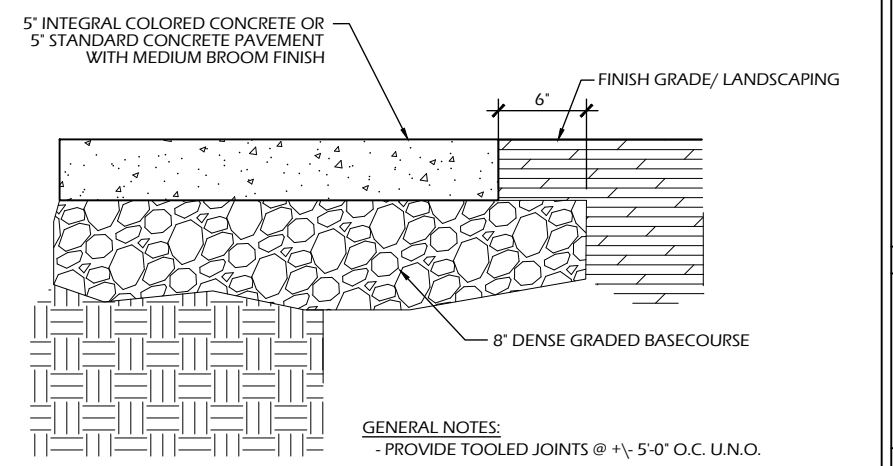
4 SPLASHPAD RULES SIGN
C902 SCALE: NTS



3 CONCRETE JOINTS
C902 SCALE: NTS

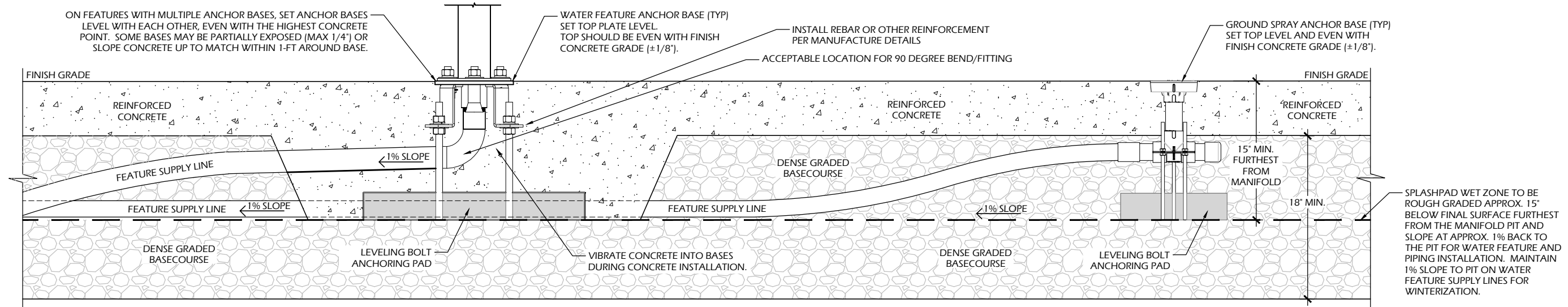


2 CONCRETE PAVEMENT - REINFORCED
C902 SCALE: NTS



1 CONCRETE PAVEMENT
C902 SCALE: NTS

File: V:\24.017 Madison Rennebohm Splashpad\CAD\P-D.dwg Layout: C903 User: Blake Plotted: Jan 17, 2025 - 4:50pm



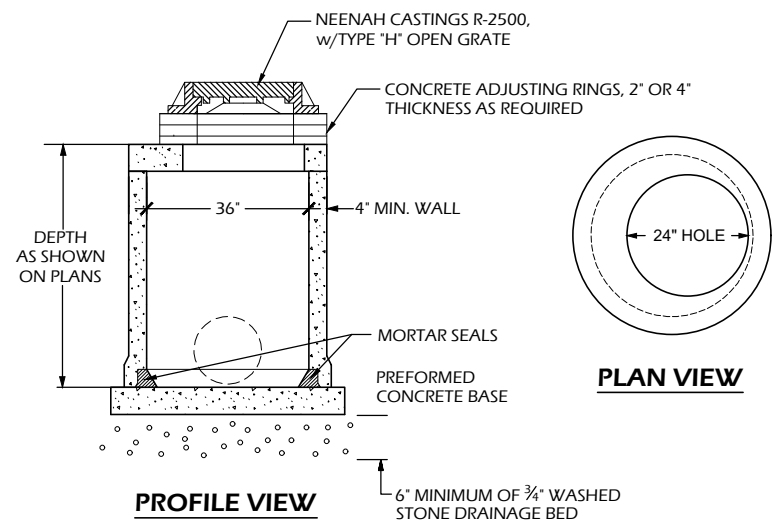
SPLASHPAD WET ZONE TO BE ROUGH GRADED APPROX. 15' BELOW FINAL SURFACE FURTHEST FROM THE MANIFOLD PIT AND SLOPE AT APPROX. 1% BACK TO THE PIT FOR WATER FEATURE AND PIPING INSTALLATION. MAINTAIN 1% SLOPE TO PIT ON WATER FEATURE SUPPLY LINES FOR WINTERIZATION.

3 SPLASHPAD TYP. SECTION

C903 SCALE: NTS

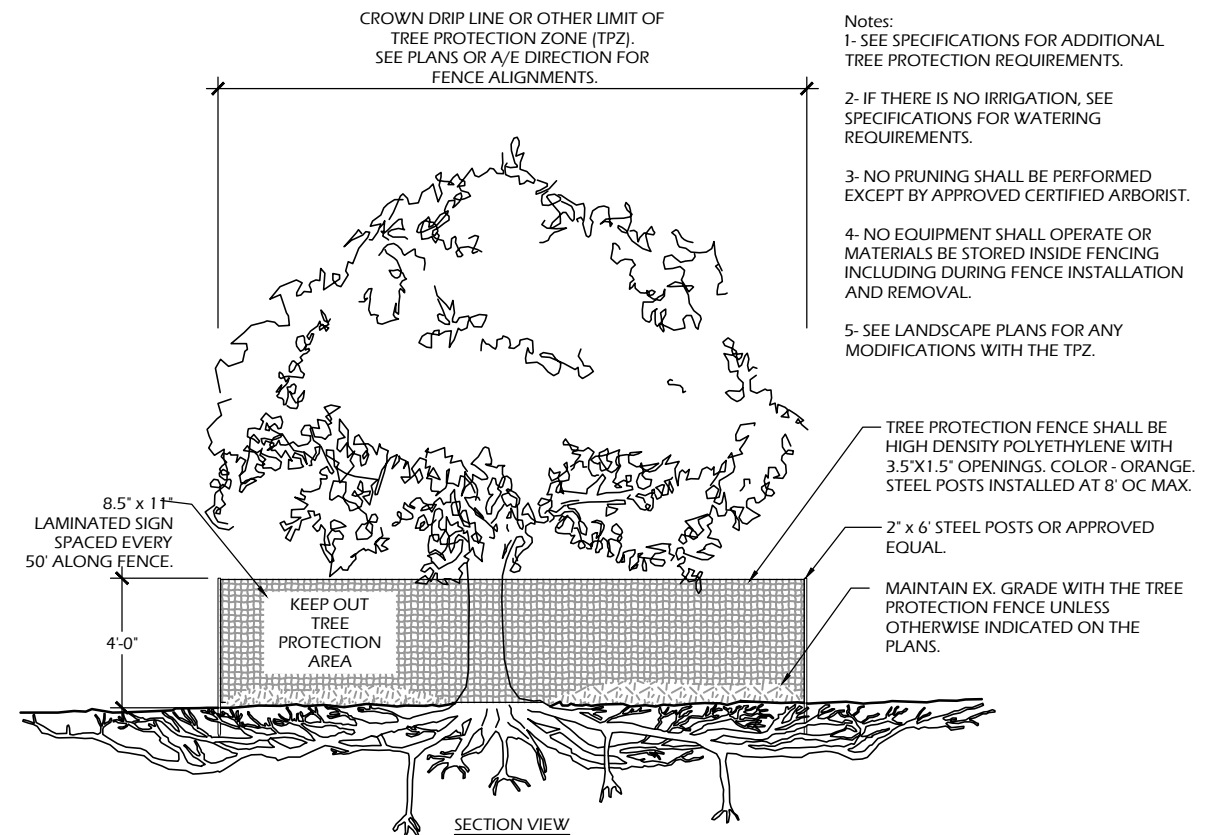
SPLASHPAD NOTES

1. SPLASHPAD DECK SHALL NOT EXCEED 5% RUNNING OR 2% CROSS SLOPES UNLESS OTHERWISE INDICATED, AND MAINTAIN A 1% MINIMUM SLOPE ON ALL WET DECK AREAS.
2. THE SPLASHPAD WET DECK SHALL SLOPE TOWARD DRAINS WITHOUT CREATING AREAS OF POOLING WATER. AREAS HOLDING STANDING WATER MORE THAN 1/8" DEEP (THICKNESS OF A QUARTER) 15 MINUTES AFTER SPRAY FEATURES ARE TURNED OFF ARE CONSIDERED TO FAIL THE SLOPE REQUIREMENTS.
3. CONTRACTOR TO ADJUST SPRAY FEATURE ELEVATIONS IN THE FIELD AS NEEDED.
4. FEATURES SHOWN MAY VARY. INSTALL PER MANUFACTURER'S STANDARD DETAILS.



2 STORM INLET

C903 SCALE: NTS



- Notes:
- 1- SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
 - 2- IF THERE IS NO IRRIGATION, SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
 - 3- NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED CERTIFIED ARBORIST.
 - 4- NO EQUIPMENT SHALL OPERATE OR MATERIALS BE STORED INSIDE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
 - 5- SEE LANDSCAPE PLANS FOR ANY MODIFICATIONS WITH THE TPZ.

- TREE PROTECTION FENCE SHALL BE HIGH DENSITY POLYETHYLENE WITH 3.5"x1.5" OPENINGS. COLOR - ORANGE. STEEL POSTS INSTALLED AT 8' OC MAX.
- 2' x 6' STEEL POSTS OR APPROVED EQUAL.
- MAINTAIN EX. GRADE WITH THE TREE PROTECTION FENCE UNLESS OTHERWISE INDICATED ON THE PLANS.

1 TREE PROTECTION

C903 SCALE: NTS

Project Name:

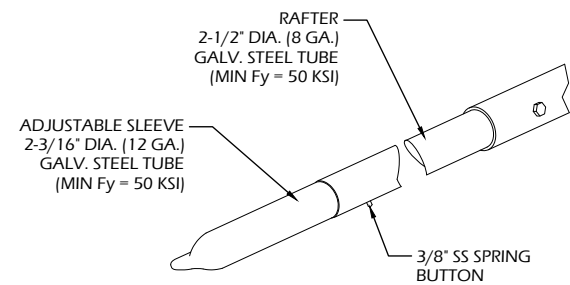
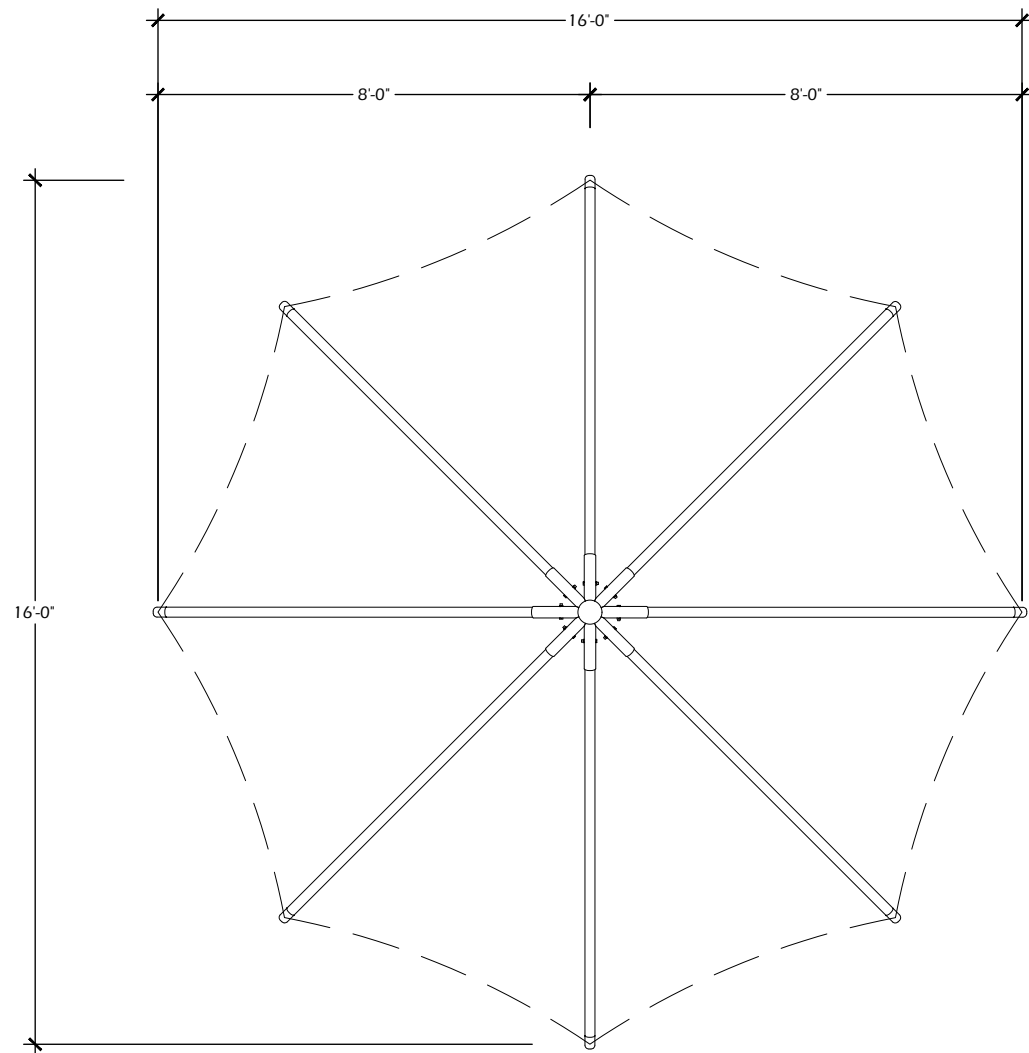
Revisions:

Project #: 24.017
 Issued For: Bidding
 Date: 1/22/25

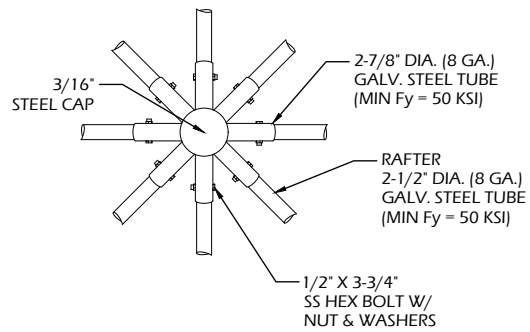
Sheet Number

C903

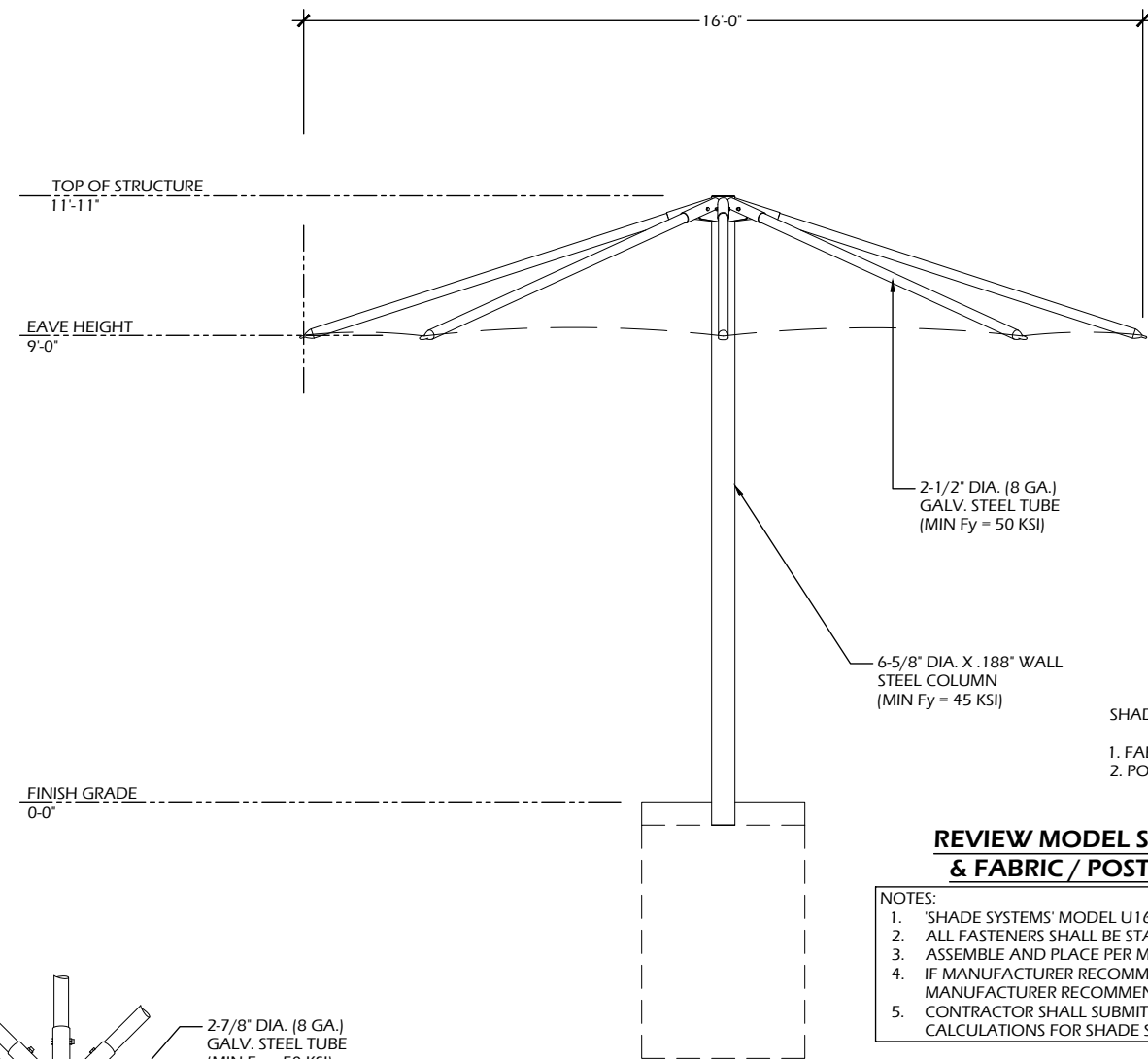
File: V:\24.017 Madison Rennebohm Splashpad\CAD\P-D.dwg Layout: C904 User: Blake Plotted: Jan 17, 2025 - 4:51pm



TOP CORNER DETAIL



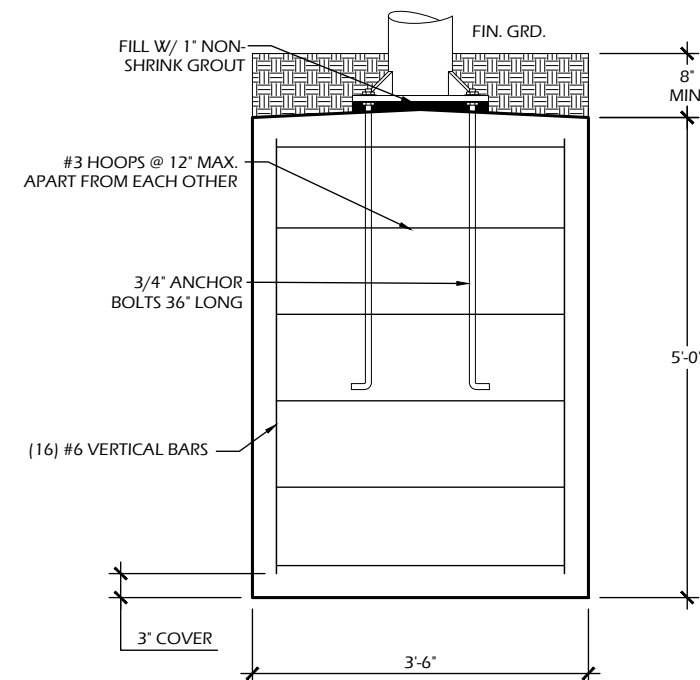
RAFTER TO COLUMN CONNECTION DETAIL



SHADE STRUCTURE COLOR CHOICES:
 1. FABRIC - COLOR PURPLE
 2. POST - COLOR LATTE TAN

REVIEW MODEL SELECTION & FABRIC / POST COLORS

- NOTES:
1. 'SHADE SYSTEMS' MODEL U1609PM 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.



PIER MOUNT FOOTING DETAIL

EXAMPLE

1 FABRIC SHADE STRUCTURE
 C904 SCALE: NTS

Project Name:

Revisions:

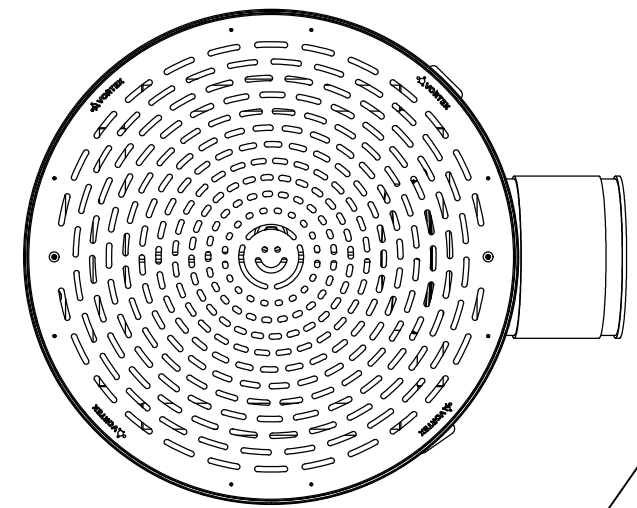
Project #: 24.017
 Issued For: Bidding
 Date: 1/22/25

Sheet Number

C904

PLAN VIEW

Note:
1- Cover plate must be install during concrete pouring.



STRAINER BASKET
PART #: 33400.2100
STAINLESS STEEL 304 | THICKNESS: 14 GA
SQUARE OPENINGS: 0.15" (3.8mm)
(SOLD SEPARATELY)

3/8" (10mm) BONDING STUD

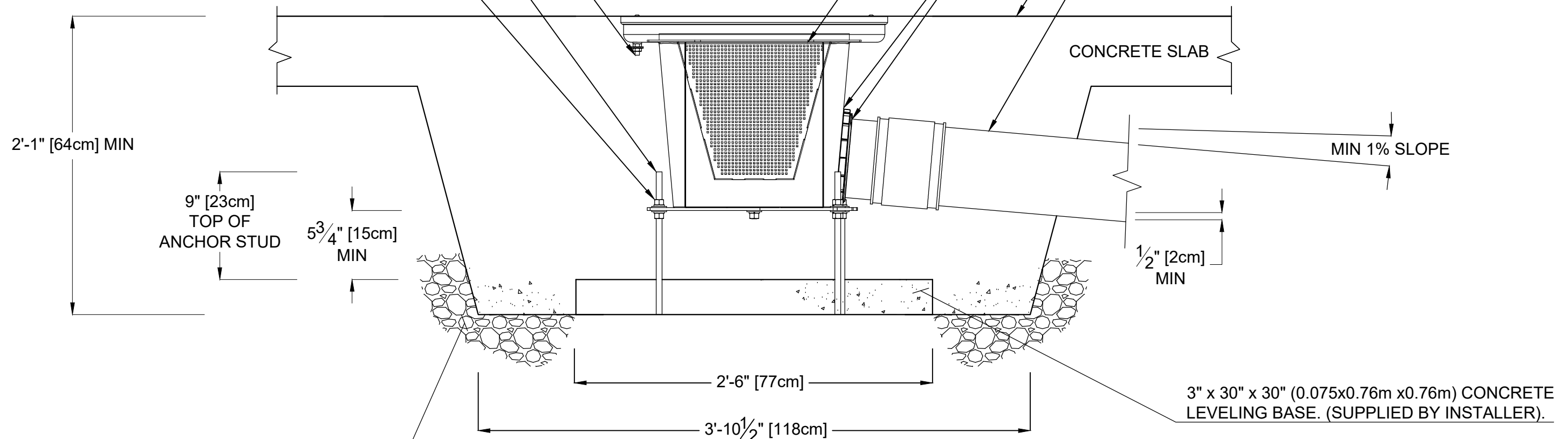
ANCHORING SYSTEM TO BE INSTALLED LEVEL, PLUMB & FLUSH TO FINISHED GRADE (BY INSTALLER)

4 X 1/2" (13mm) S.S. HEIGHT & LEVELING CONTROL ANCHOR STUDS WITH HARDWARE. (BY VORTEX)
DRILL & EPOXY GROUT STUDS (DONE BY INSTALLER)

ADD SIKAFLEX MARINE GRADE SILICONE SEALANT ON THE OUTSIDE AND ON THE INSIDE:
- BETWEEN DRAINAGE BOX & SEAL
- BETWEEN SEAL & SUPPLIED 6" PIPE
(LEAVE THE 6" PIPE EXTENDED BY 1/2" FROM THE SEAL INSIDE THE DRAINAGE BOX)

CONCRETE SURFACE. VERIFY LOCAL CODES FOR TYPE, THICKNESS & REINFORCEMENT REQUIREMENTS (BY INSTALLER)
VIBRATE WELL THE CONCRETE AROUND THE DRAIN

FRONT ELEVATION VIEW



WATER LINE OUTLET 6" (152mm). MIN. 1% SLOPE. (LINE CONNECTION SUPPLIED BY INSTALLER)

CONCRETE SLAB

MIN 1% SLOPE

1/2" [2cm] MIN

3" x 30" x 30" (0.075x0.76m x0.76m) CONCRETE LEVELING BASE. (SUPPLIED BY INSTALLER).

COMPACTED GRANULAR (SUPPLIED BY INSTALLER)

VOR-1004.4000 PLAYSAFE DRAIN, No4 (Construction Detail)

PRODUCT NAME: PLAYSAFE DRAIN, No4

PRODUCT NUMBER: VOR-1004.4000

PRODUCT INFORMATION

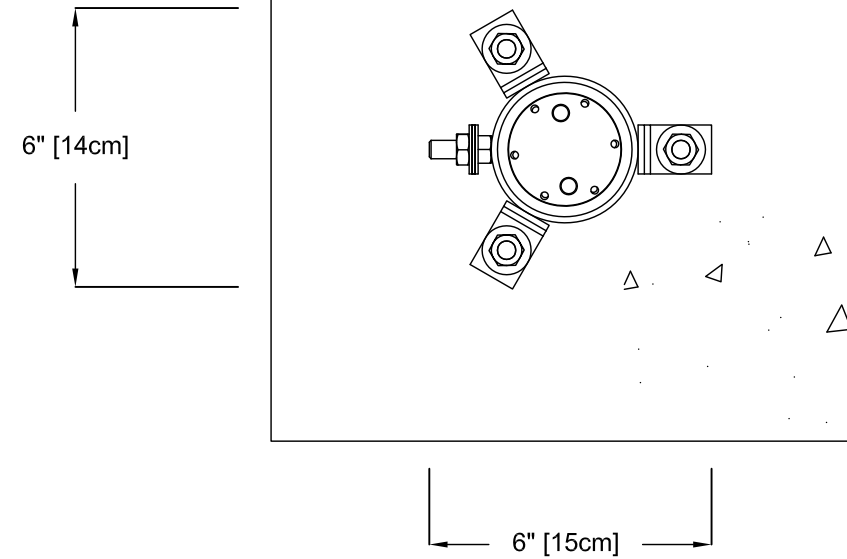
DATE: 11/17/20

SHEET NO: 1/1

11"x17" SHEET SIZE

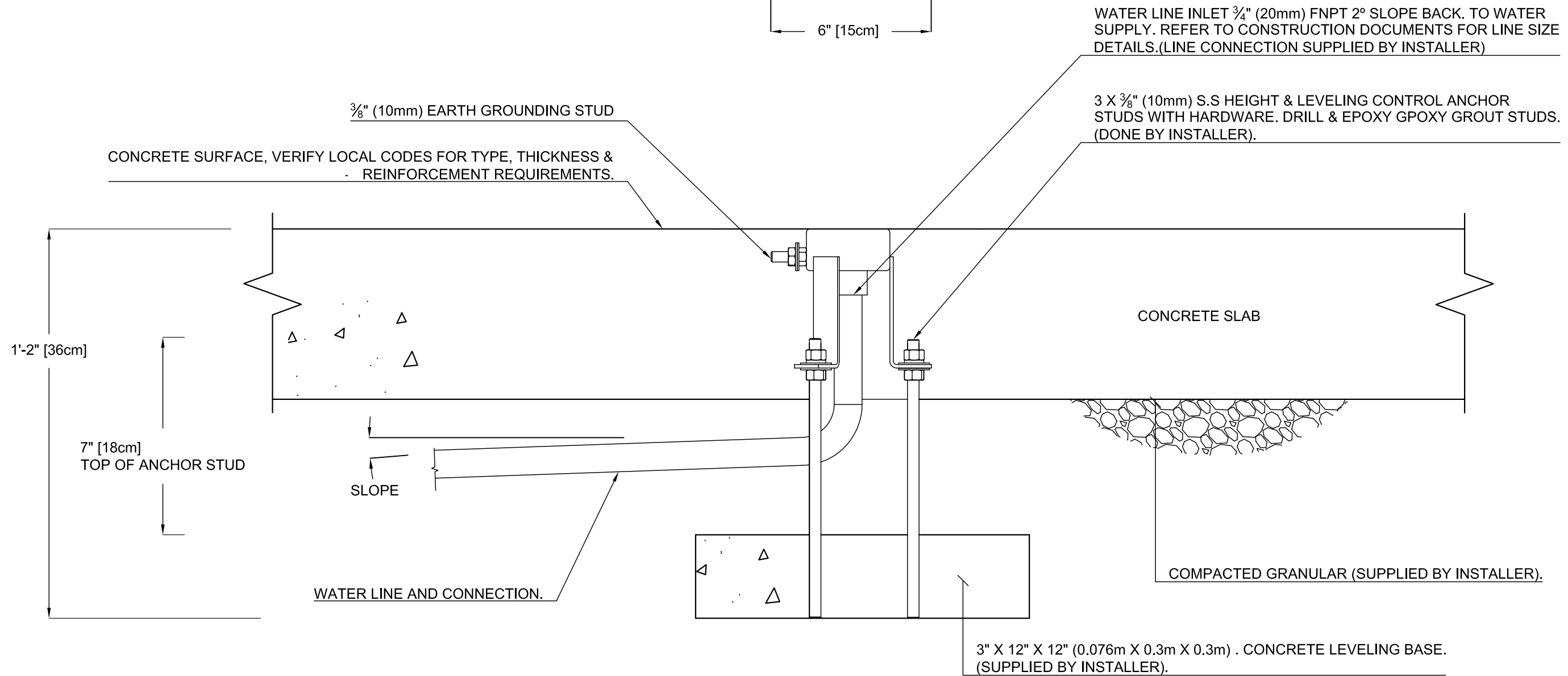


PLAN VIEW



NOTE:
 "BY INSTALLER/BY CONTRACTOR "MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.

FRONT ELEVATION VIEW



PRODUCT NAME: GEYSER

PRODUCT INFORMATION

PRODUCT NUMBER: VOR-0301.4XXX

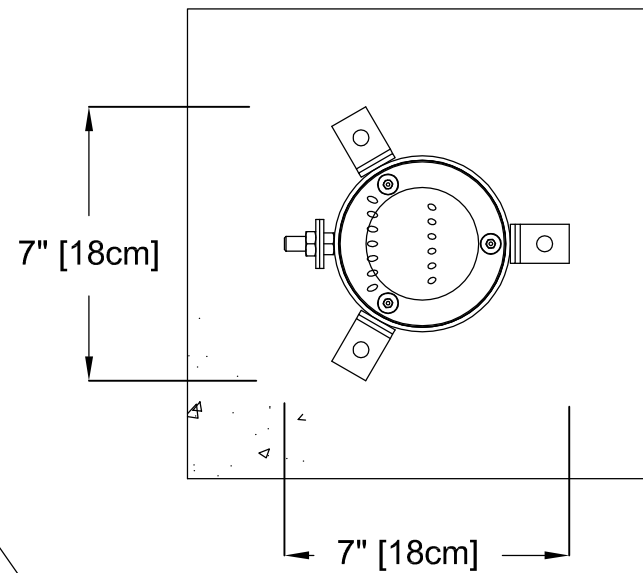
DATE: 08/23/16

SHEET NO: 1/1

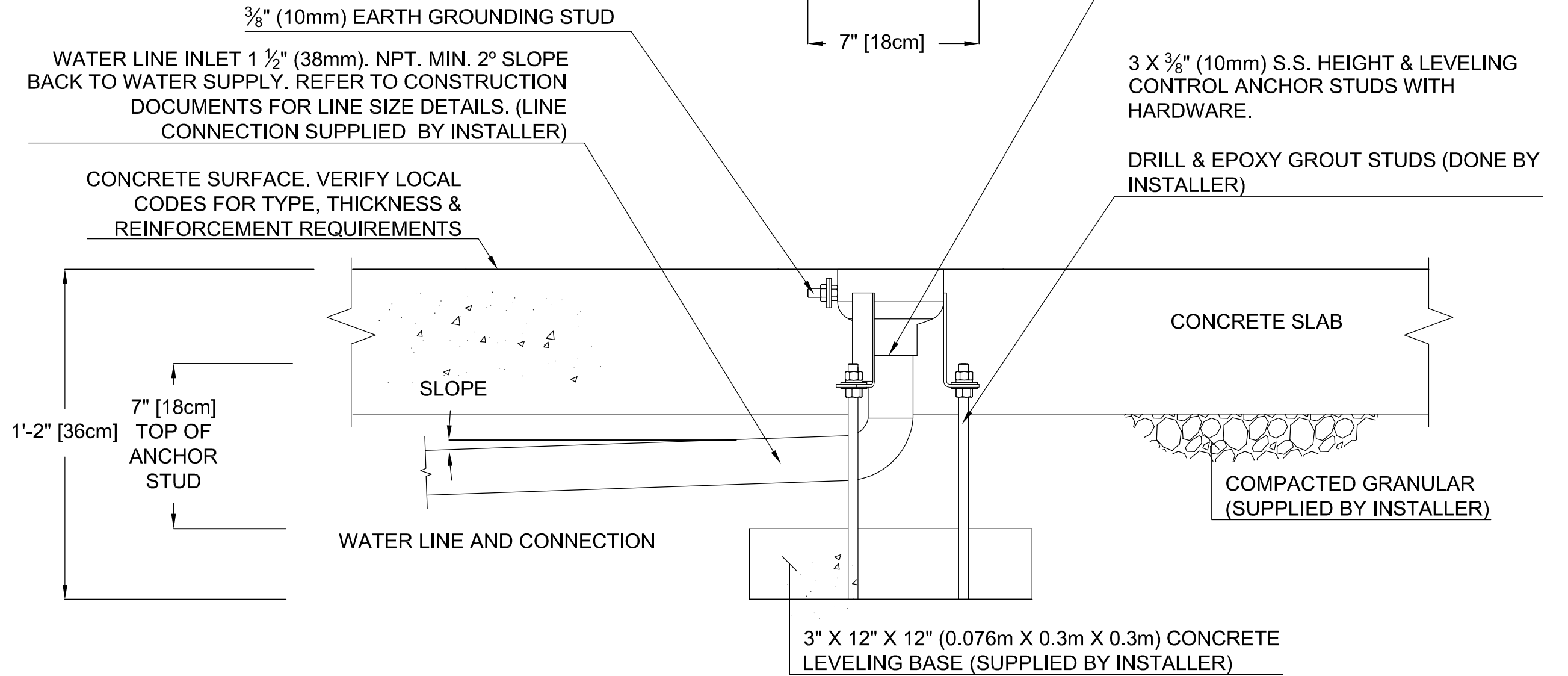
11"x17" SHEET SIZE



PLAN VIEW



FRONT ELEVATION VIEW



VOR-0303.4XXX ROOSTER TAIL (Construction Detail)

PRODUCT NAME: ROOSTER TAIL

PRODUCT INFORMATION

PRODUCT NUMBER: VOR-0303.4XXX

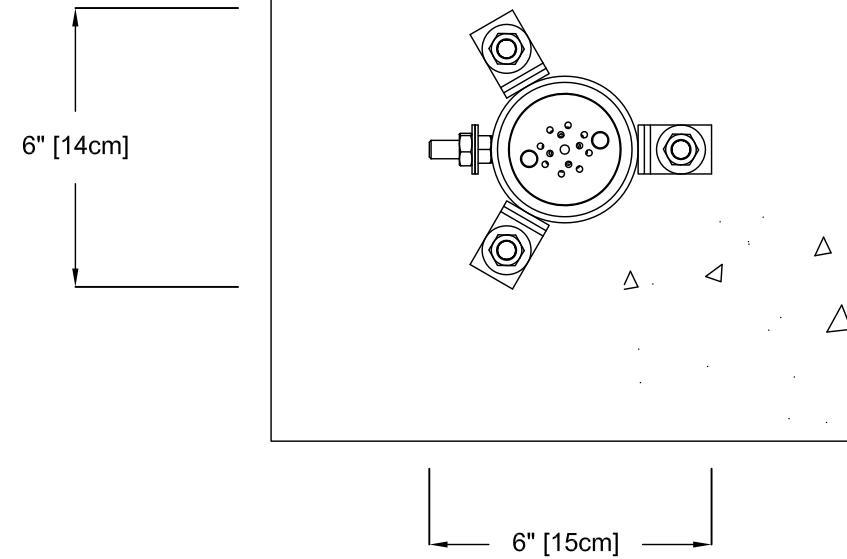
DATE: 04/17/12

SHEET NO: 1/1

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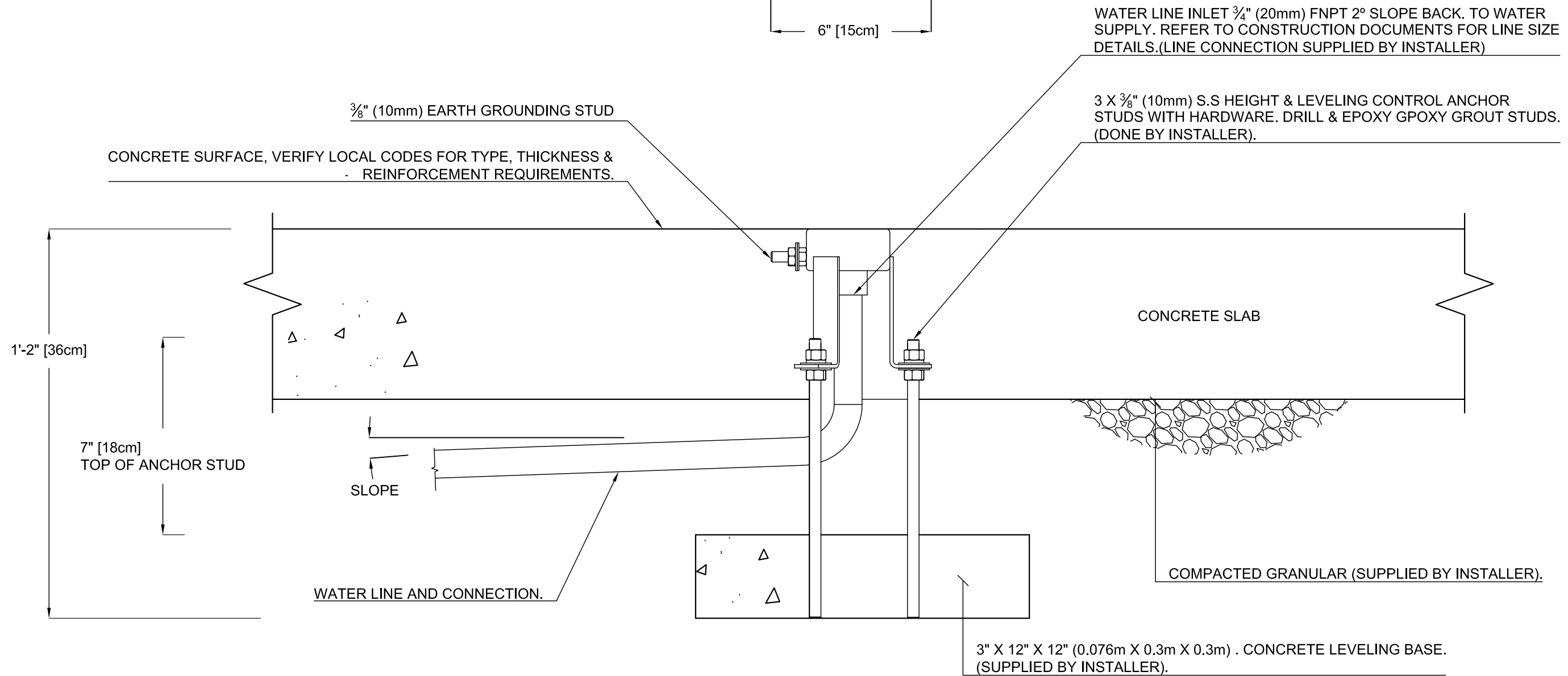


PLAN VIEW



NOTE:
 "BY INSTALLER/BY CONTRACTOR "MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.

FRONT ELEVATION VIEW



PRODUCT NAME: WATER BLOOM No.1

PRODUCT INFORMATION

PRODUCT NUMBER: VOR-0322.4XXX

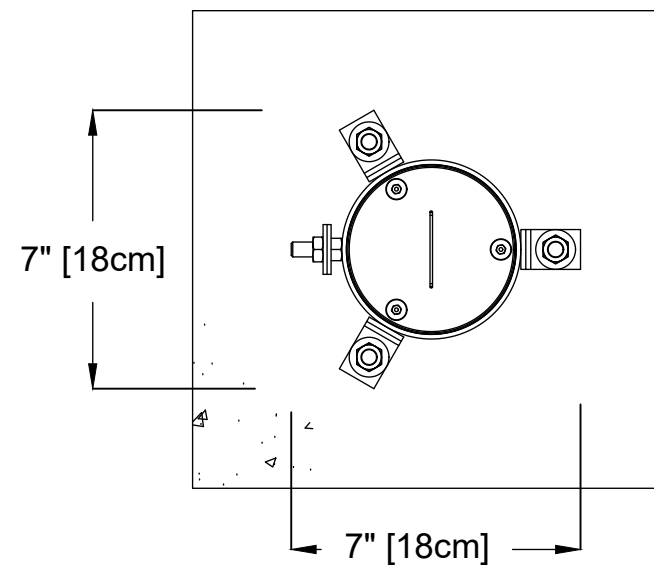
DATE: 08/05/16

SHEET NO: 1/1

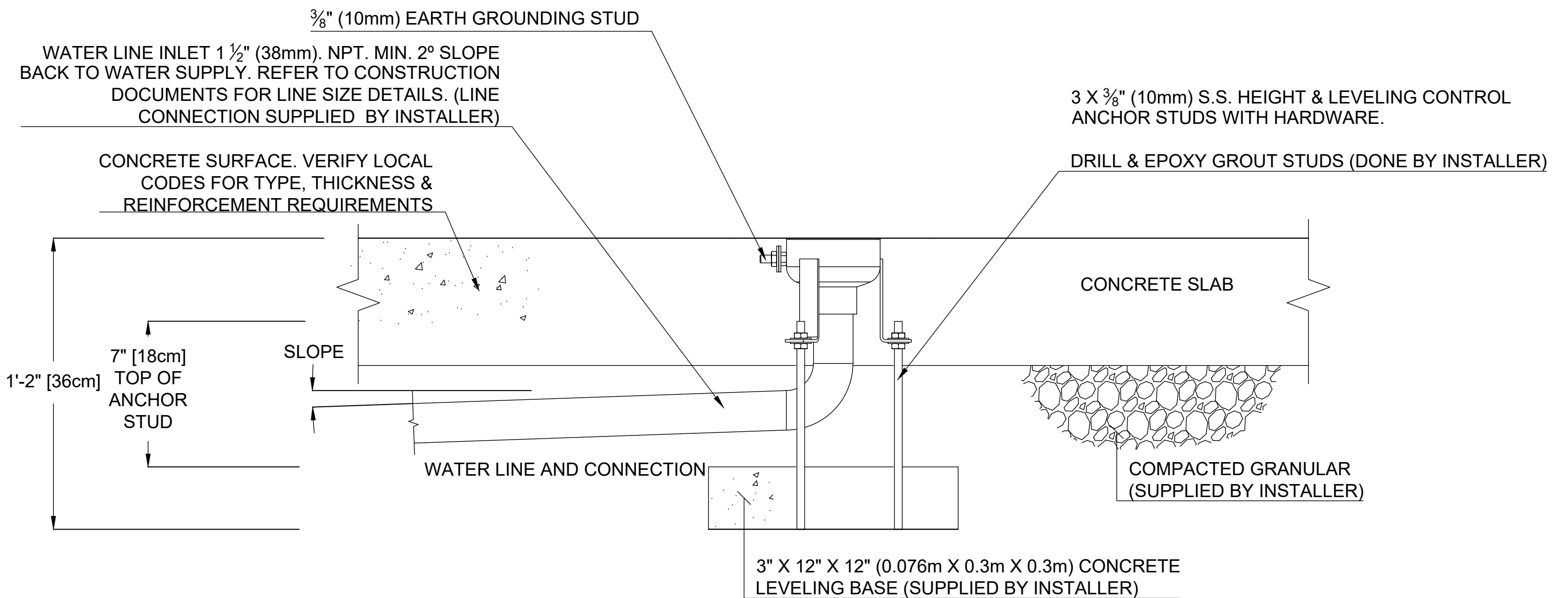
11"x17" SHEET SIZE



PLAN VIEW



FRONT ELEVATION VIEW



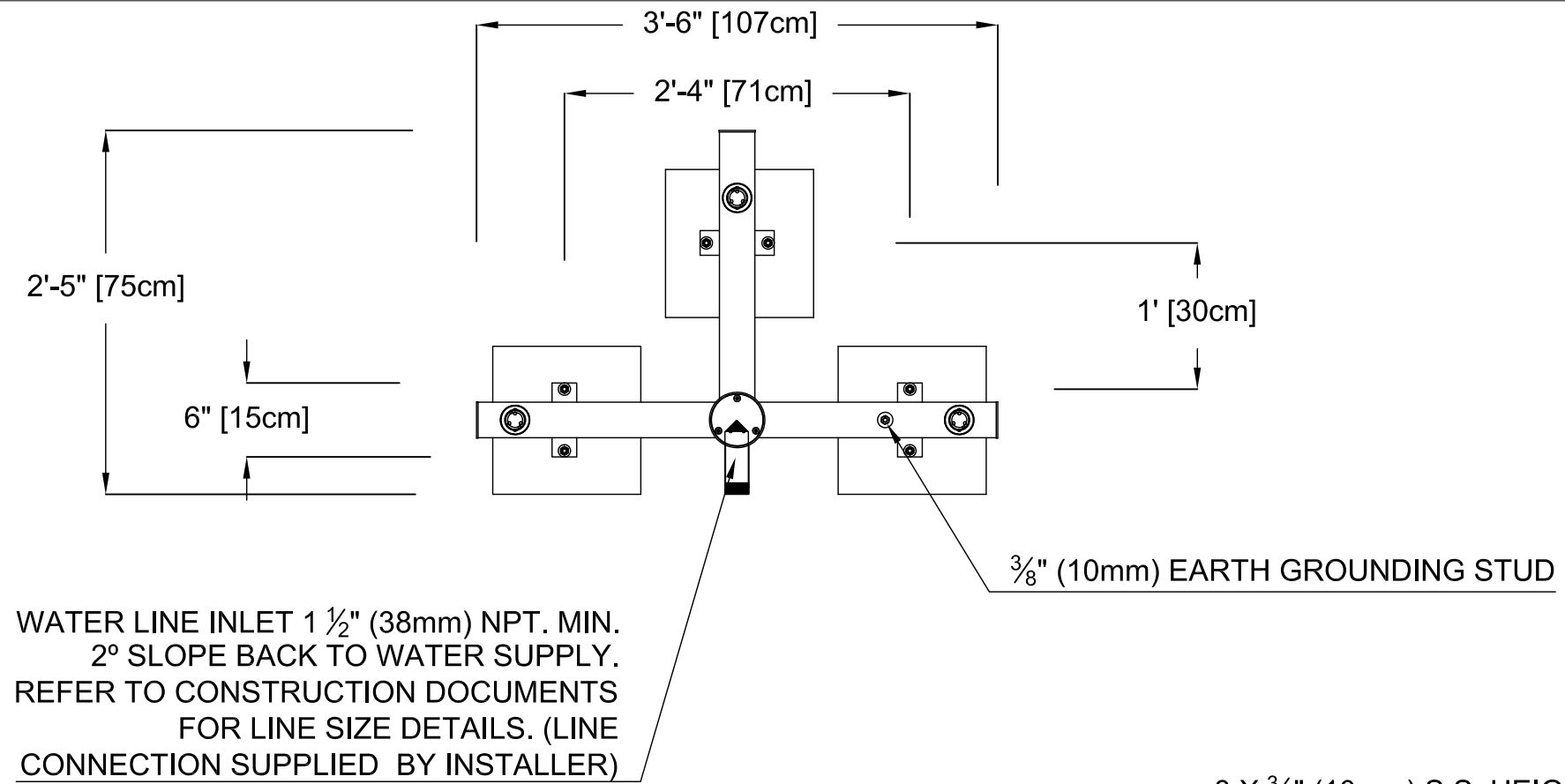
VOR-0325.4XXX JET STREAM No.2 (Construction Detail)

PRODUCT NAME: JET STREAM No.2
PRODUCT NUMBER: VOR-0325.4XXX

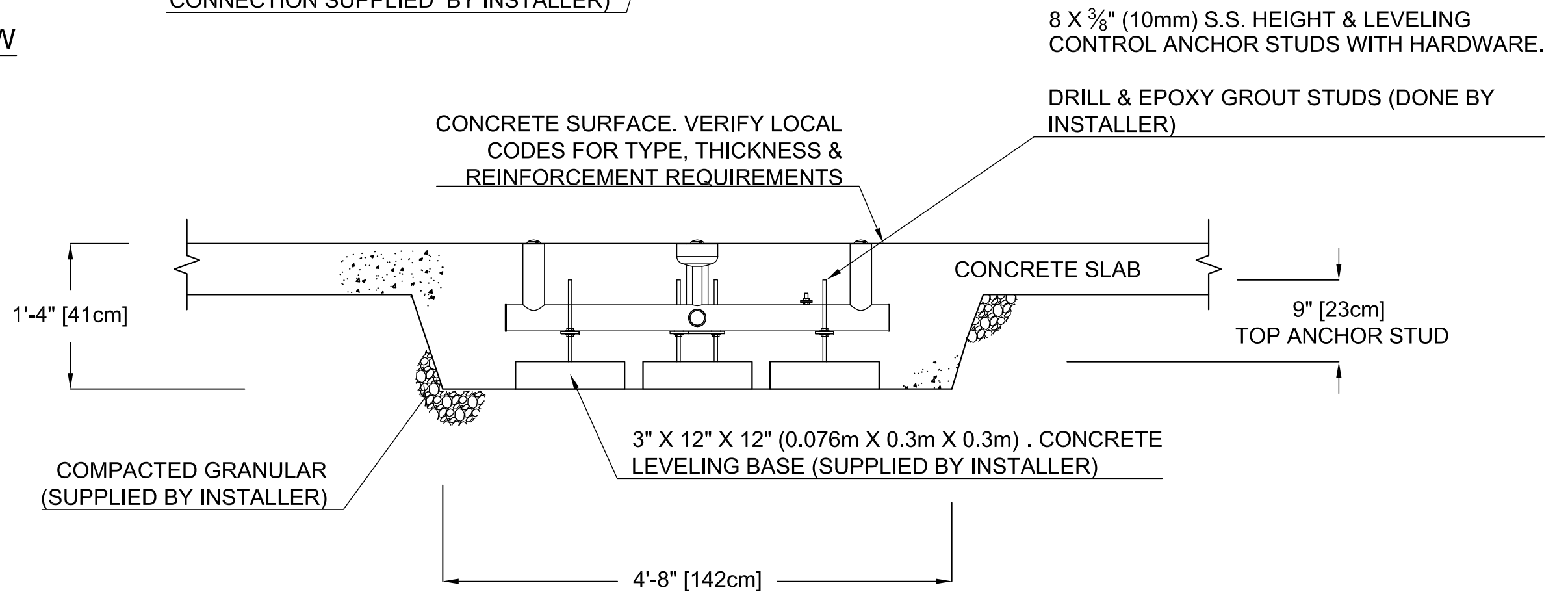
PRODUCT INFORMATION		
DATE: 08/22/24	SHEET NO: 1/1	11"x17" SHEET SIZE



PLAN VIEW



FRONT ELEVATION VIEW



VOR-328.4XXX TEAM SPRAY No.3 (Construction Detail)

PRODUCT NAME: TEAM SPRAY No.3

PRODUCT INFORMATION

PRODUCT NUMBER: VOR-328.4XXX

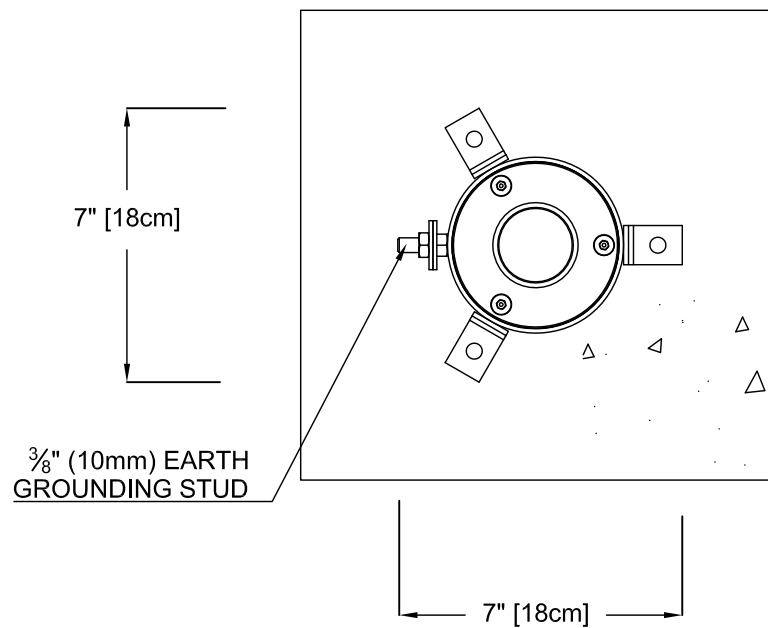
DATE: 08/05/16

SHEET NO: 1/1

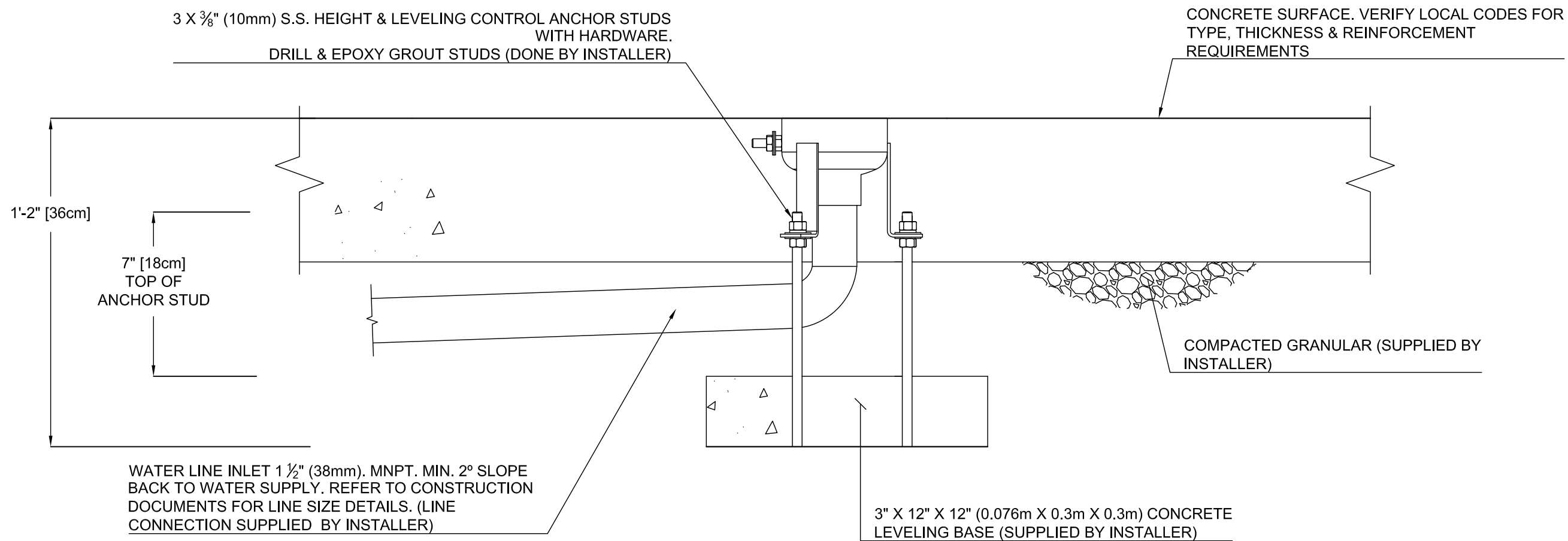
11"x17" SHEET SIZE



PLAN VIEW



FRONT ELEVATION VIEW



PRODUCT NAME: WATER JELLY N°1

PRODUCT NUMBER: VOR-7010.0002

DATE: 03/20/18

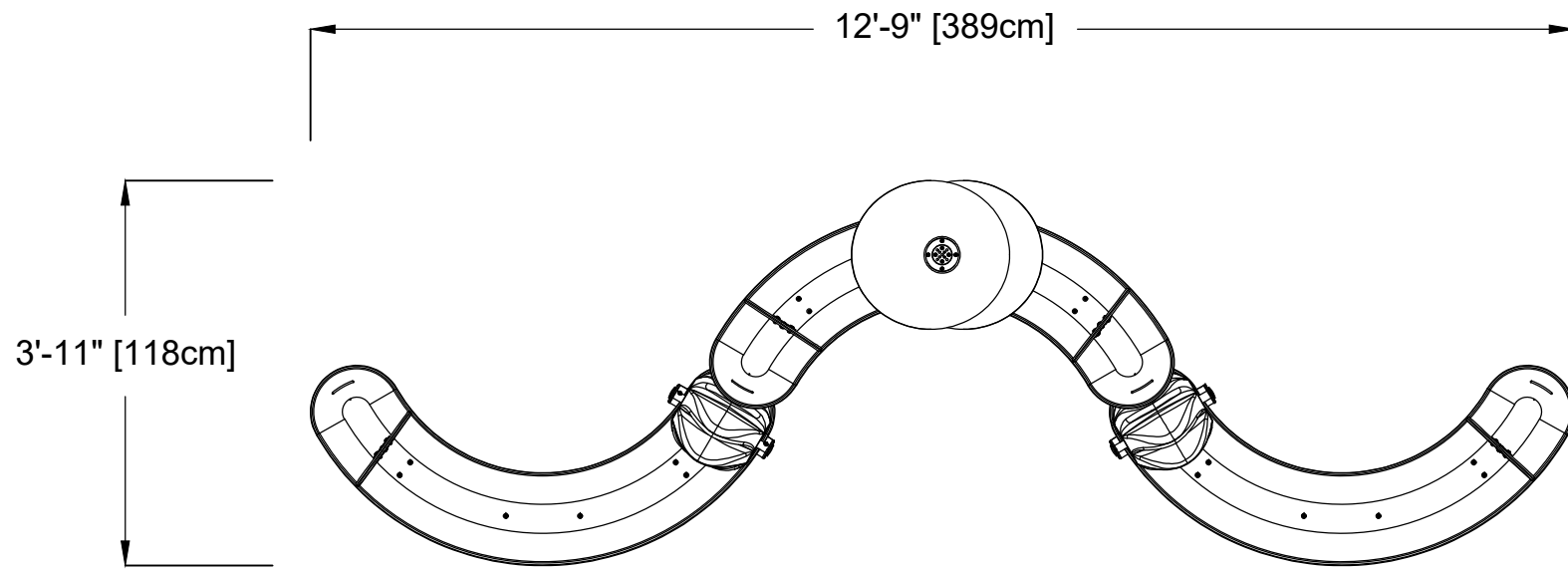
PRODUCT INFORMATION

SHEET NO: 1/1

11"x17" SHEET SIZE

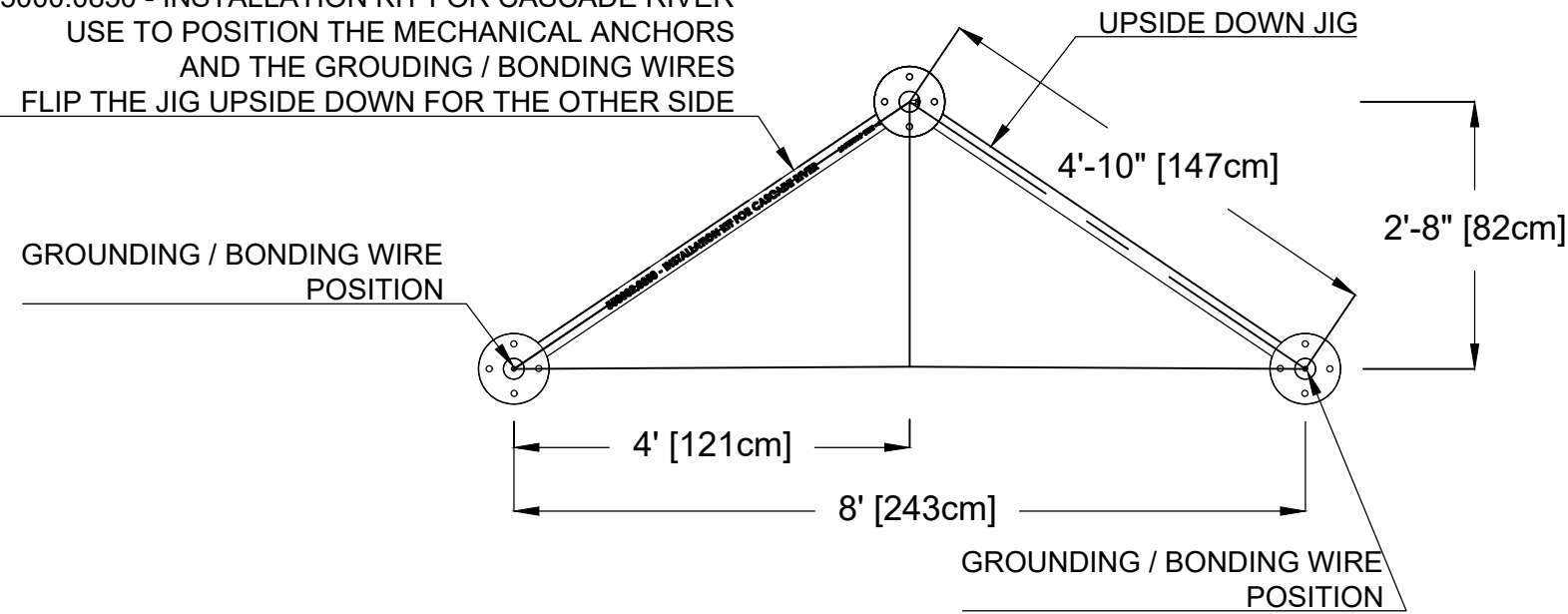


PLAN VIEW

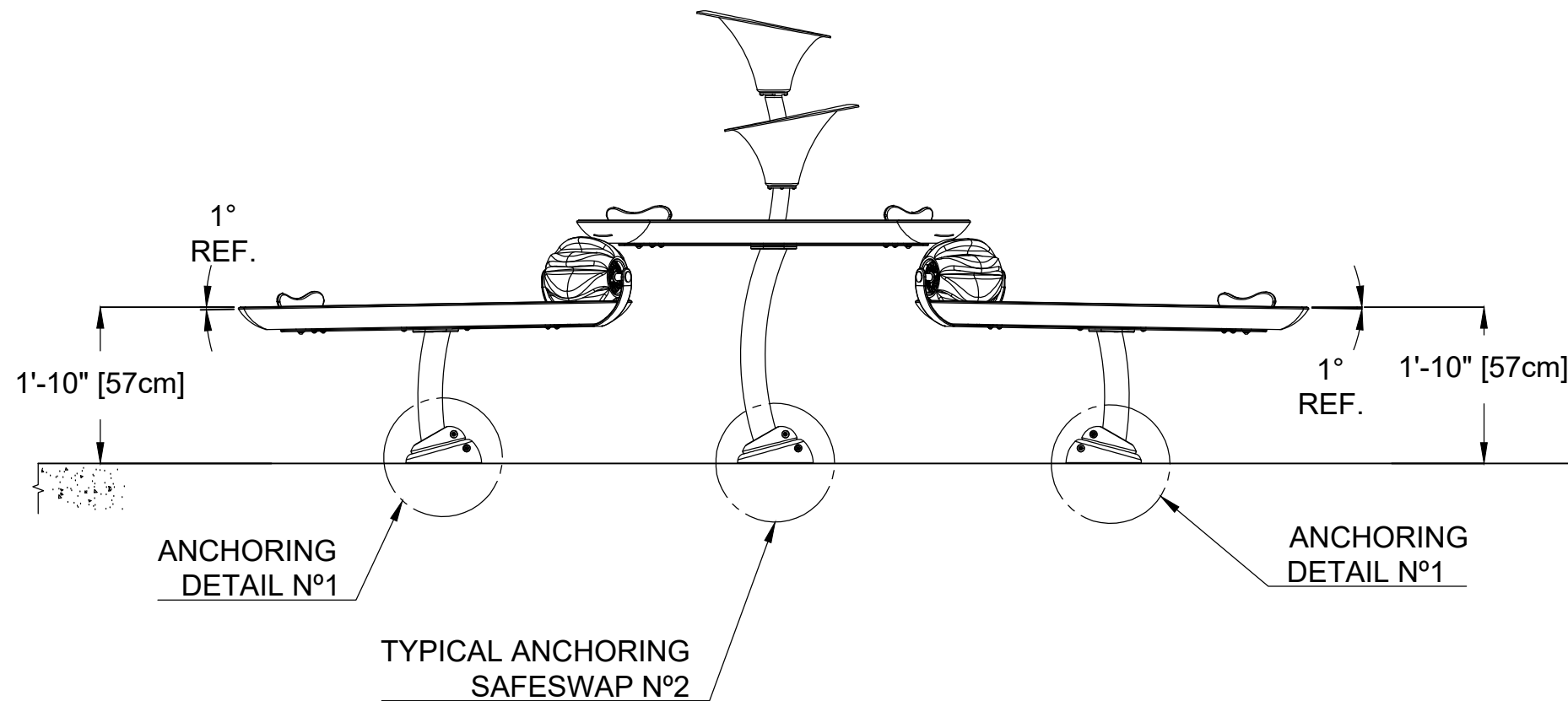


ANCHORING LOCATIONS

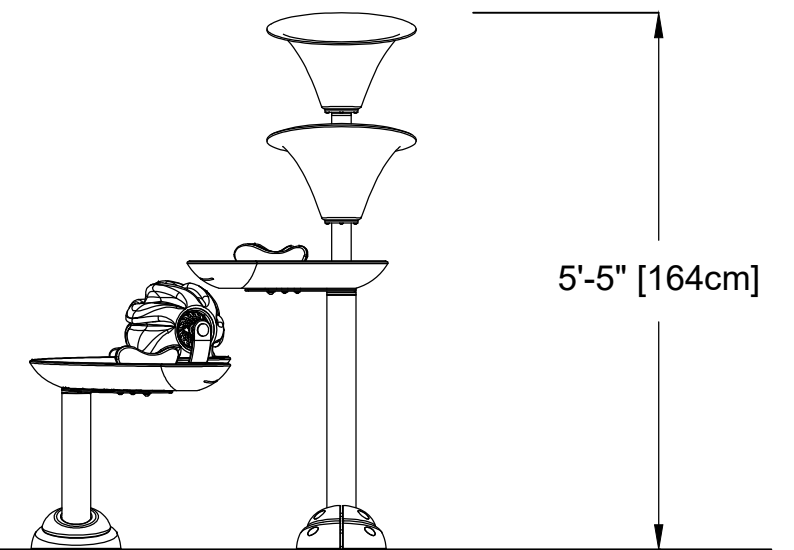
55000.0850 - INSTALLATION KIT FOR CASCADE RIVER
 USE TO POSITION THE MECHANICAL ANCHORS
 AND THE GROUDING / BONDING WIRES
 FLIP THE JIG UPSIDE DOWN FOR THE OTHER SIDE



FRONT ELEVATION VIEW



SIDE ELEVATION VIEW



VOR-7249 CASCADE RIVER (Construction Detail)

PRODUCT NAME: CASCADE RIVER

PRODUCT INFORMATION

PRODUCT NUMBER: VOR-7249

DATE: 04/30/21

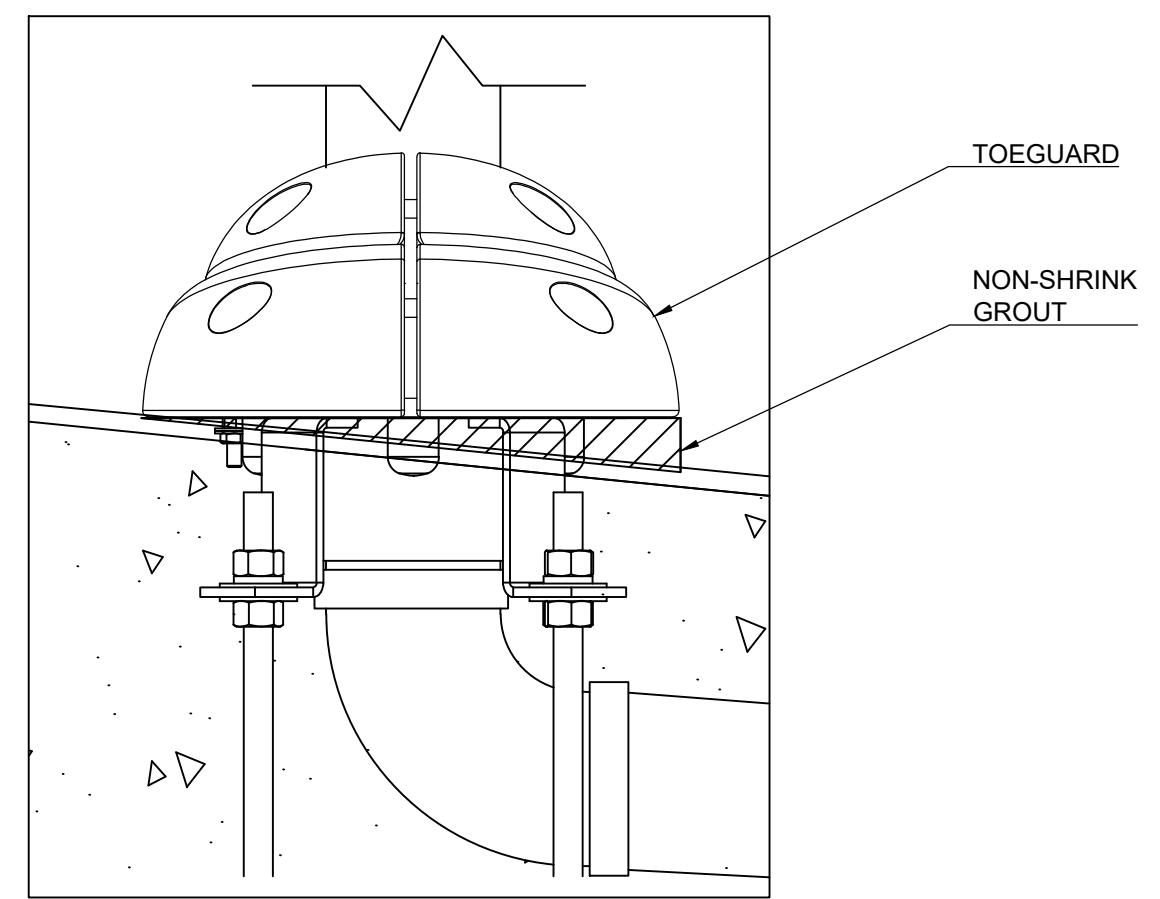
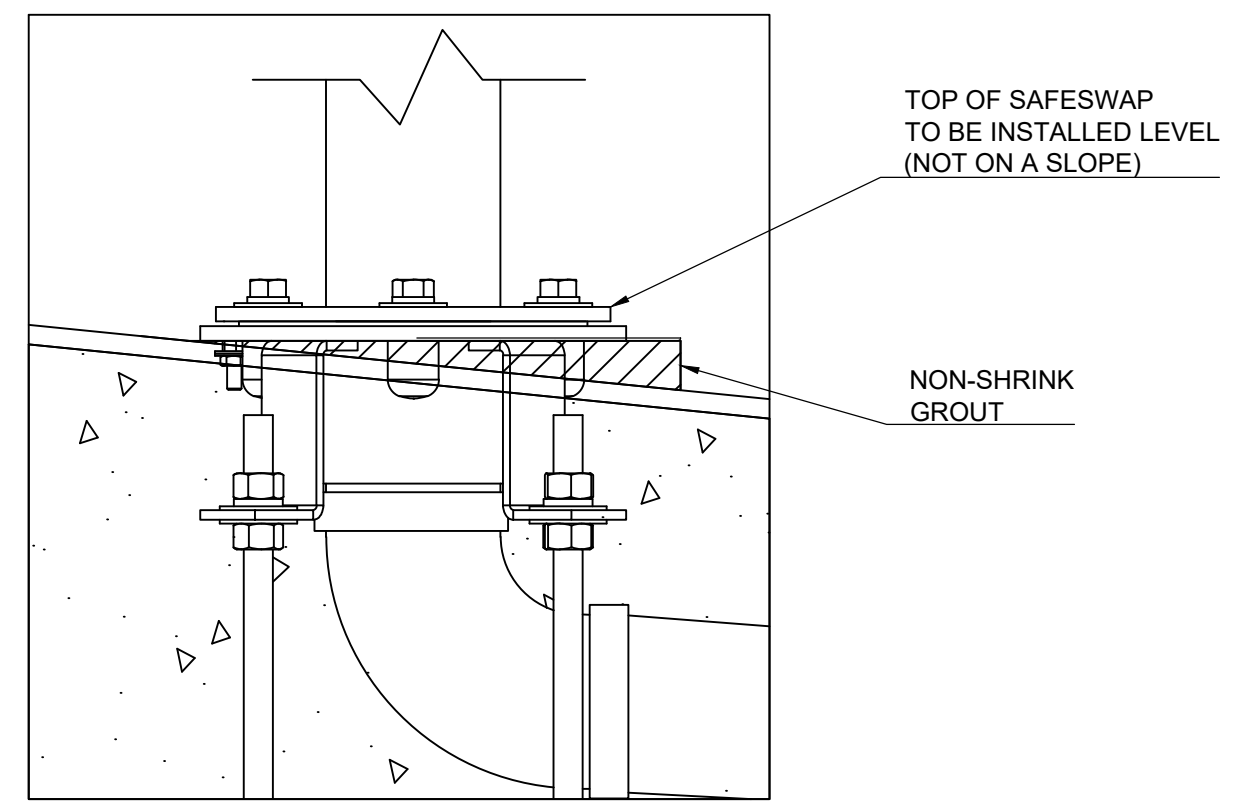
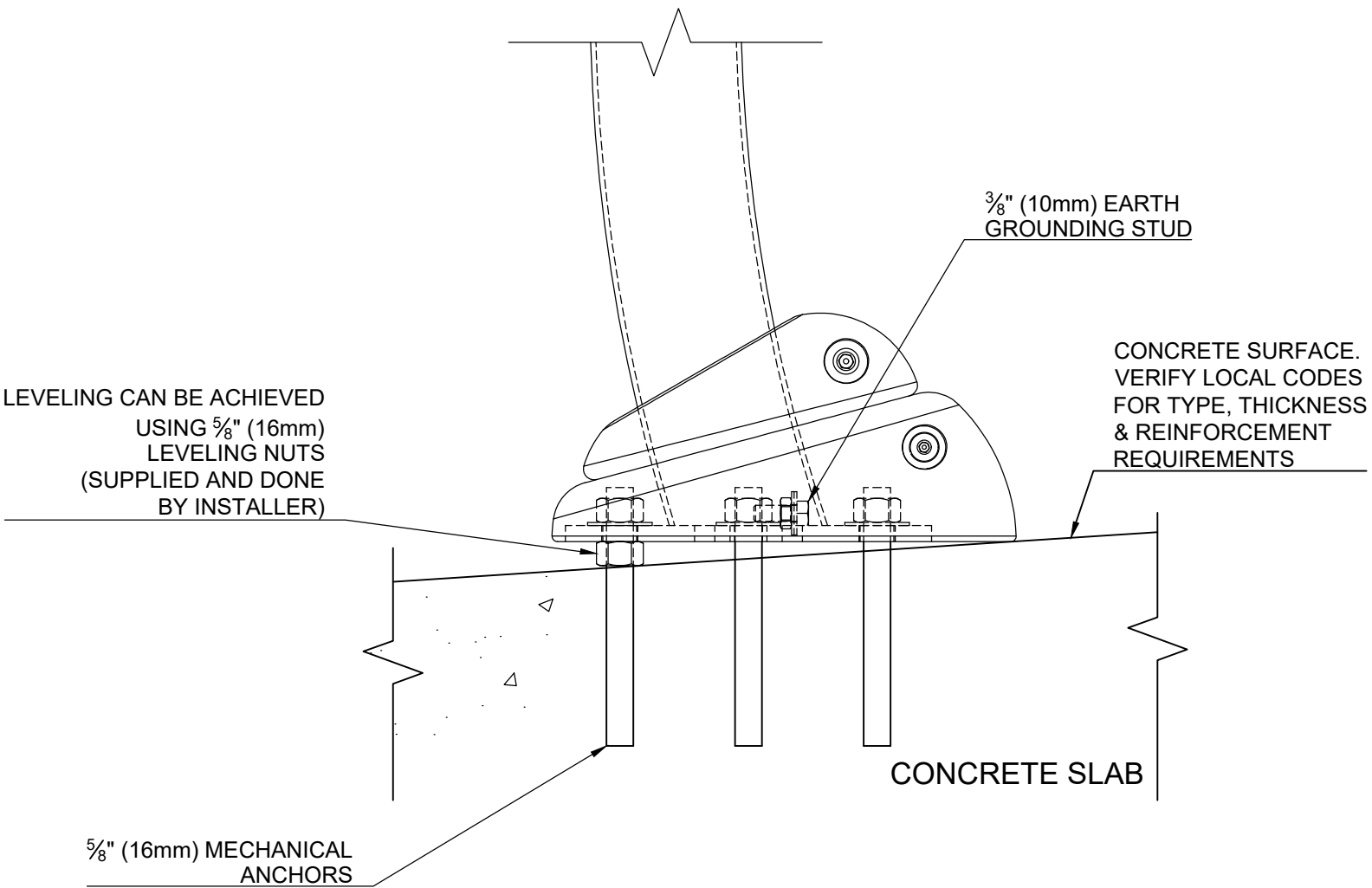
SHEET NO: 1/2

11"x17" SHEET SIZE



ANCHORING DETAIL N°1

SAFESWAP N°2 DETAIL



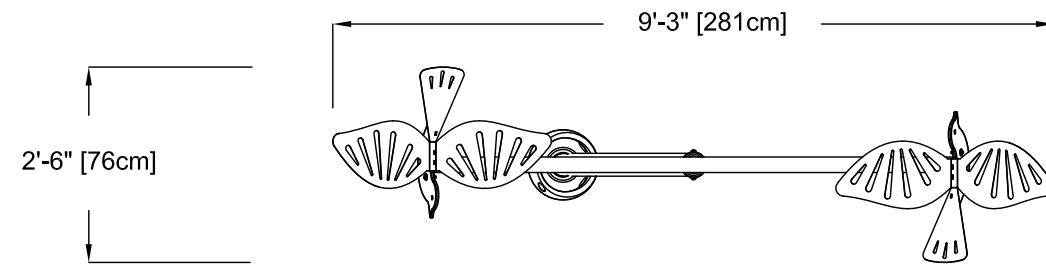
VOR-7249 CASCADE RIVER (Construction Detail)

PRODUCT NAME:	CASCADE RIVER
PRODUCT NUMBER:	VOR-7249

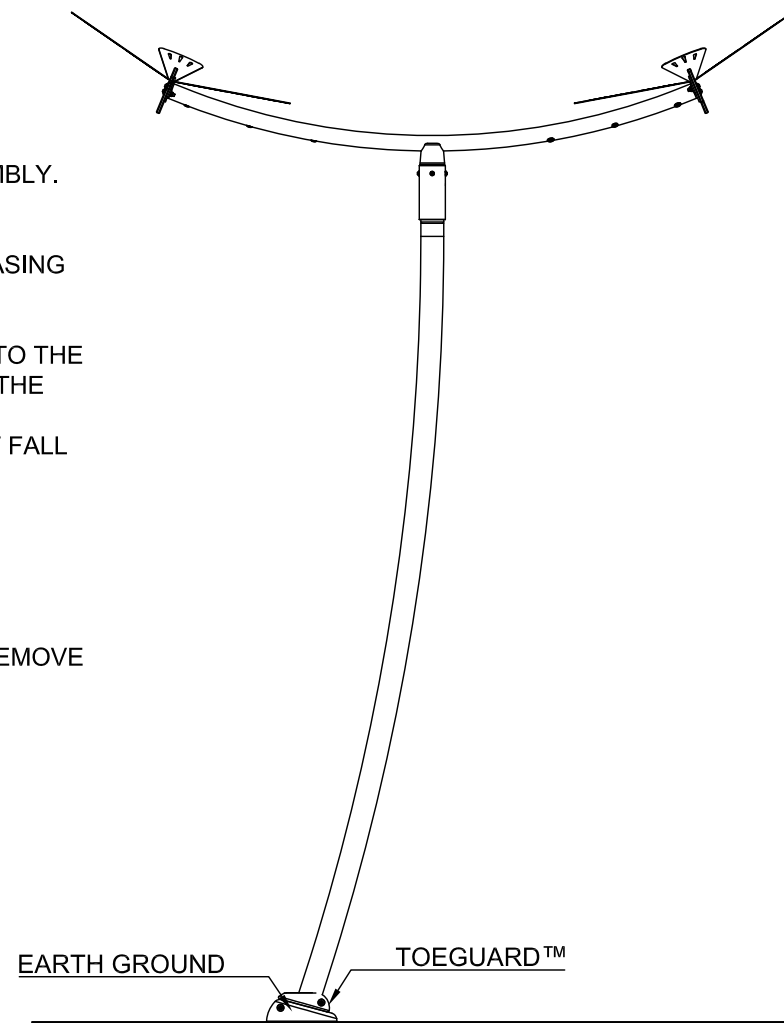
PRODUCT INFORMATION		
DATE: 03/07/21	SHEET NO: 2/2	11"x17" SHEET SIZE



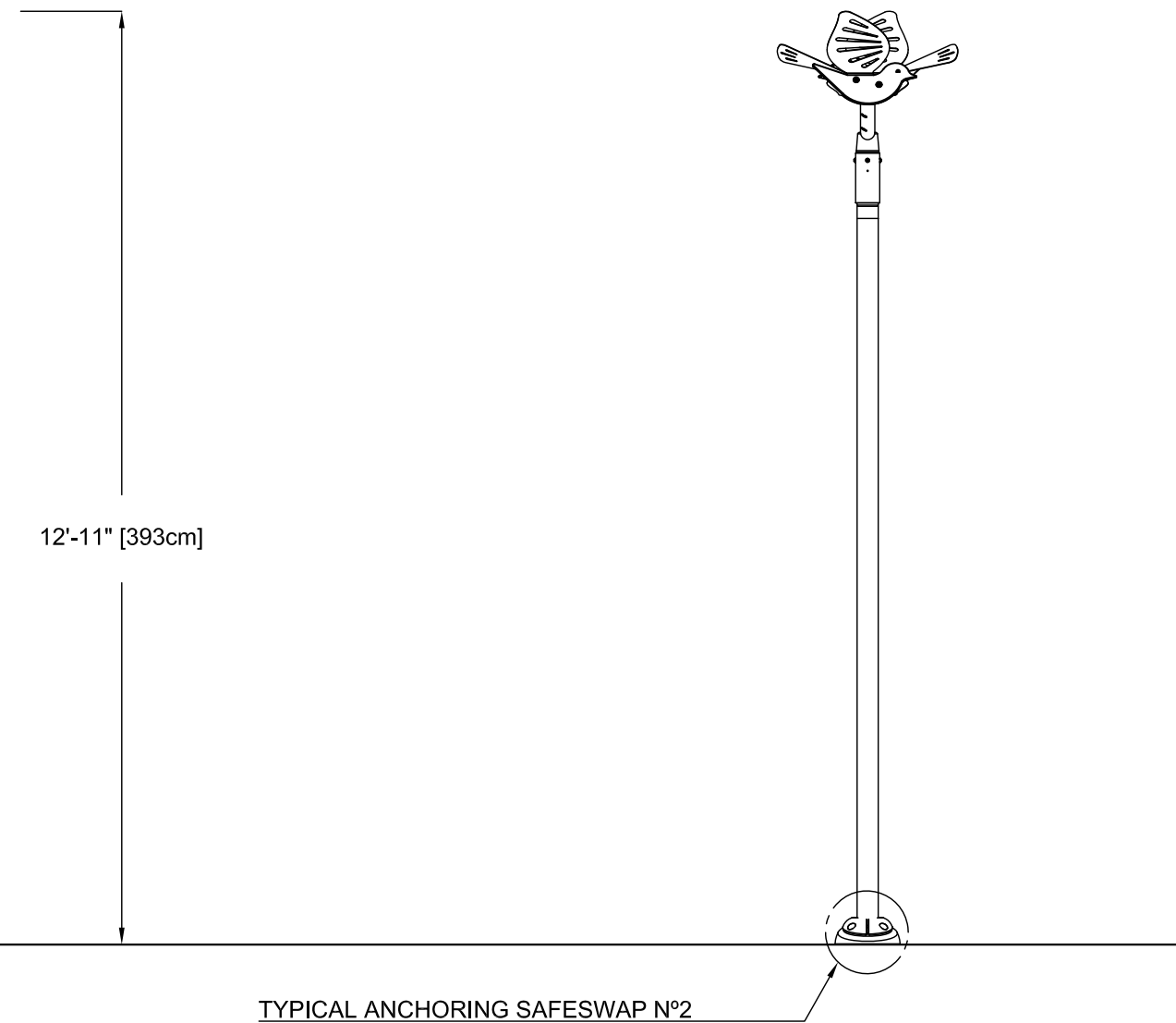
PLAN VIEW



FRONT ELEVATION VIEW



SIDE ELEVATION VIEW



ASSEMBLY INSTRUCTIONS:

1- WHILE THE PRODUCT IS IN A HORIZONTAL POSITION, REMOVE THE SCREWS AND WASHERS FROM THE BOTTOM CASING OF THE TOP SUBASSEMBLY.

2- REMOVE TAPE OVER END OF CASING OF THE TOP SUBASSEMBLY. ENSURE BEARING IN THE END OF CASING DOES NOT FALL OUT.

3- SLIDE THE CASING OF THE TOP SUBASSEMBLY INTO THE CASING OF THE BOTTOM SUBASSEMBLY AND OVER THE SHAFT
ENSURE BEARING IN TOP SUBASSEMBLY DOES NOT FALL OUT.

4- ALIGN HOLES OF CASING FROM THE BOTTOM SUBASSEMBLY WITH THE HOLES OF THE CASING IN THE TOP SUBASSEMBLY.
RE-INSTALL WASHERS AND SCREWS PREVIOUSLY REMOVE FROM TOP SUBASSEMBLY.

5- INSTALL FEATURE ONTO ANCHOR.

PRODUCT NAME: HELICO BIRDS

PRODUCT NUMBER: VOR-7258.2XXX

DATE: 01/04/24

PRODUCT INFORMATION

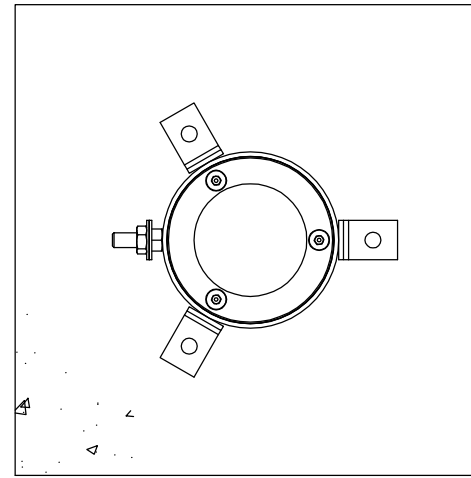
SHEET NO: 1/1

11"x17" SHEET SIZE



PLAN VIEW

7" [18cm]



FRONT ELEVATION VIEW

7" [18cm]

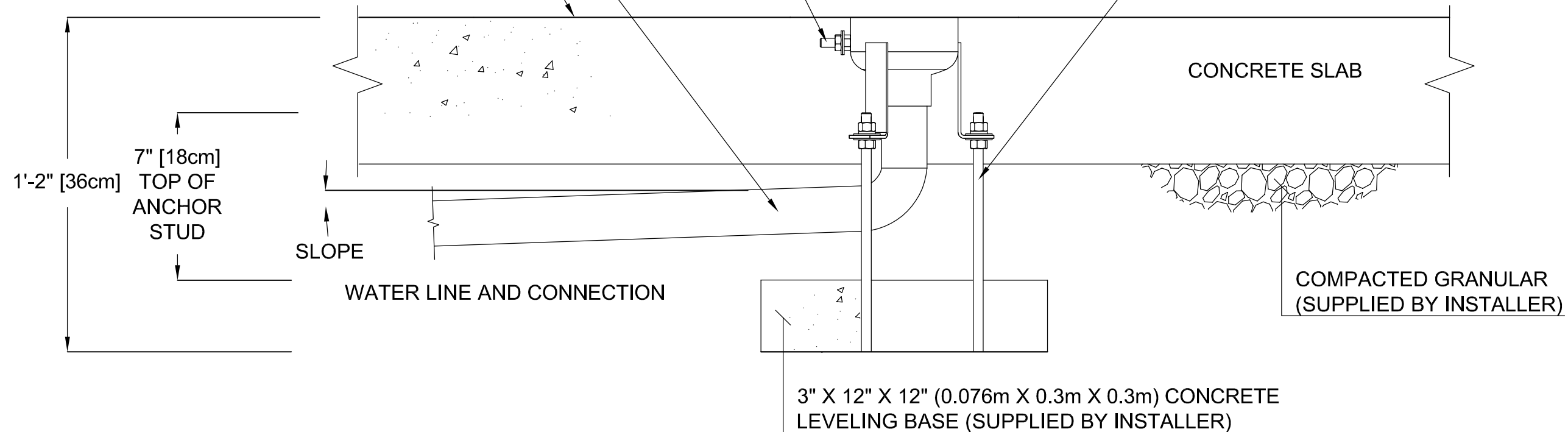
$\frac{3}{8}$ " (10mm) EARTH GROUNDING STUD

WATER LINE INLET $1\frac{1}{2}$ " (38mm) NPT. MIN. 2° SLOPE BACK TO WATER SUPPLY. REFER TO CONSTRUCTION DOCUMENTS FOR LINE SIZE DETAILS. (LINE CONNECTION SUPPLIED BY INSTALLER)

3 X $\frac{3}{8}$ " (10mm) S.S. HEIGHT & LEVELING CONTROL ANCHOR STUDS WITH HARDWARE.

CONCRETE SURFACE. VERIFY LOCAL CODES FOR TYPE, THICKNESS & REINFORCEMENT REQUIREMENTS

DRILL & EPOXY GROUT STUDS (DONE BY INSTALLER)



VOR-7516.0XXX SPLIT STREAM (Construction Detail)

PRODUCT NAME: SPLIT STREAM

PRODUCT INFORMATION

PRODUCT NUMBER: VOR-7516.0XXX

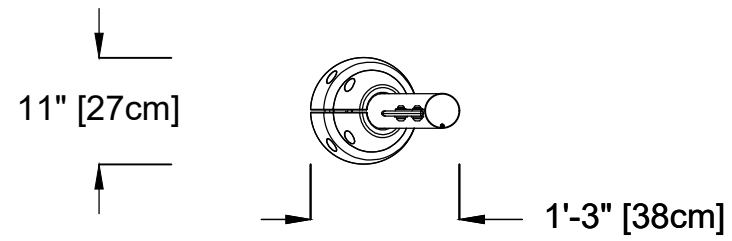
DATE: 12/03/10

SHEET NO: 1/1

11"x17" SHEET SIZE

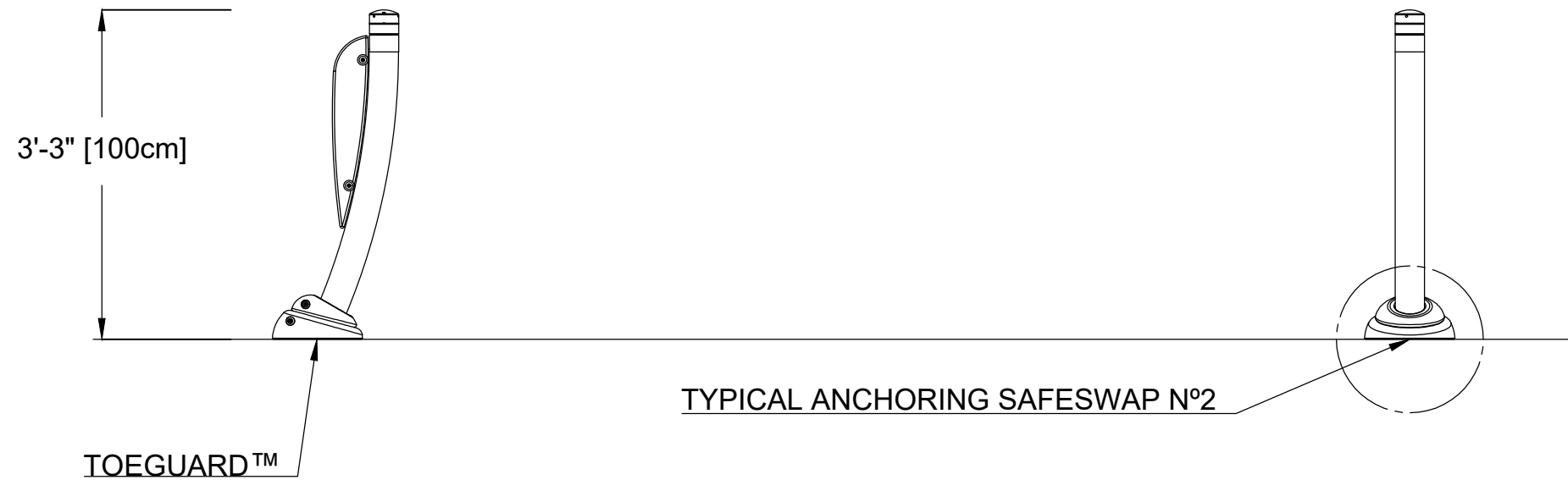


PLAN VIEW



FRONT ELEVATION VIEW

SIDE ELEVATION VIEW



7799.2XXX SPIROO (Construction Detail)

PRODUCT NAME: SPIROO	PRODUCT INFORMATION		
PRODUCT NUMBER: 7799.2XXX	DATE: 02/28/20	SHEET NO: 1/1	11"x17" SHEET SIZE

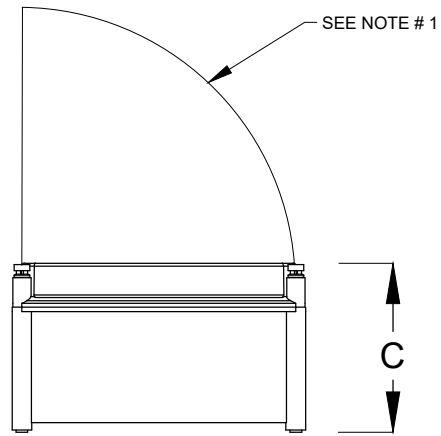


INSTALLATION DRAWING - DIMENSIONS FOR MAESTROPRO ENCLOSURES 33907.XXBX

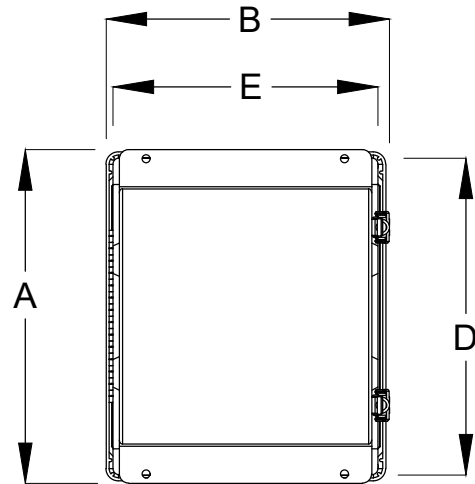
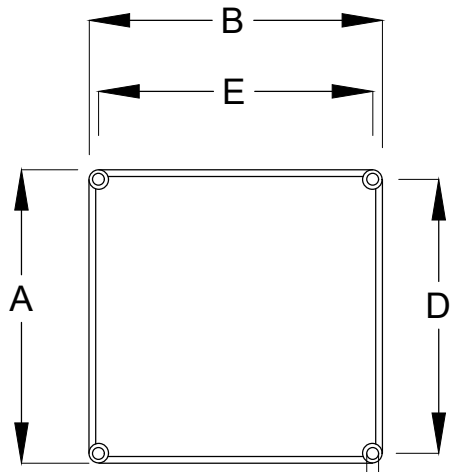
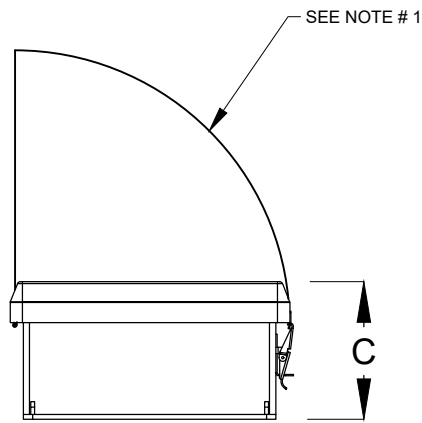
NOTE:

1 - ENSURE ENOUGH CLEARANCE FOR THE DOOR OPENING

MAESTROPRO CONTROL ENCLOSURE



MAESTROPRO POWER BOX ENCLOSURE



USE M5 SCREW (#10) TYP.

REFER TO THE PIPING AND ELECTRICAL SHEET FOR THE CONTROLLER NUMBER

MAESTROPRO ENCLOSURES DIMENSIONS

REFERENCE No.	DESCRIPTION	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
33907.12B2	MAESTROPRO CTRL 24OUT/12IN 120VAC/240HZ	11.88"	11.88"	6.85"	11.08"	11.08"
33907.22B2	MAESTROPRO CTRL EXP 24OUT/12IN 120VAC/240HZ	11.88"	11.88"	6.85"	11.08"	11.08"
33907.13B0	MAESTROPRO POWERBOX 24OUT/12IN 120VAC/60HZ	12.308"	10.215"	5.57"	12.058"	9.965"
33907.13B1	MAESTROPRO POWERBOX 24OUT/12IN 240VAC/50HZ	12.308"	10.215"	5.57"	12.058"	9.965"

PRODUCT NAME: INSTALLATION DRAWING - DIMENSIONS FOR MAESTROPRO ENCLOSURES 33907.XXBX

PRODUCT NUMBER: 33907.XXBX

DATE: 04/06/20

SHEET NO: 1/3

11"x17" SHEET SIZE

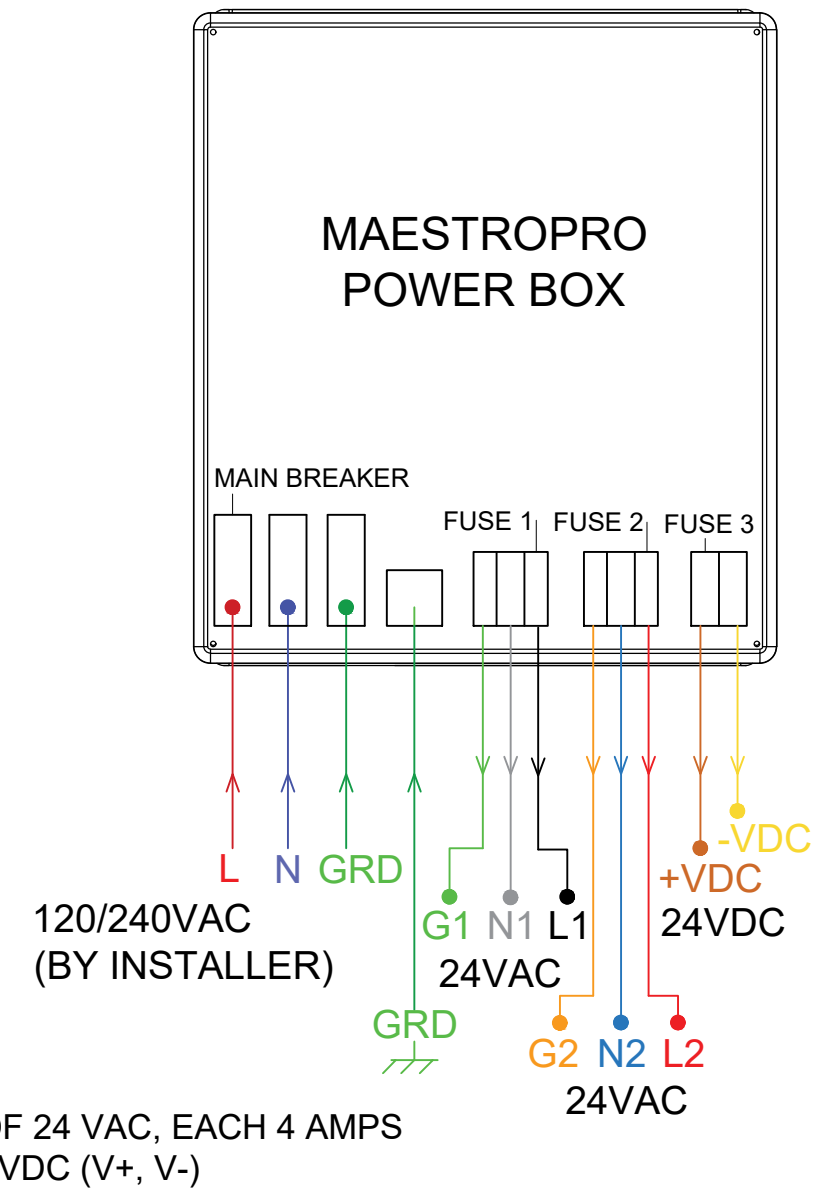
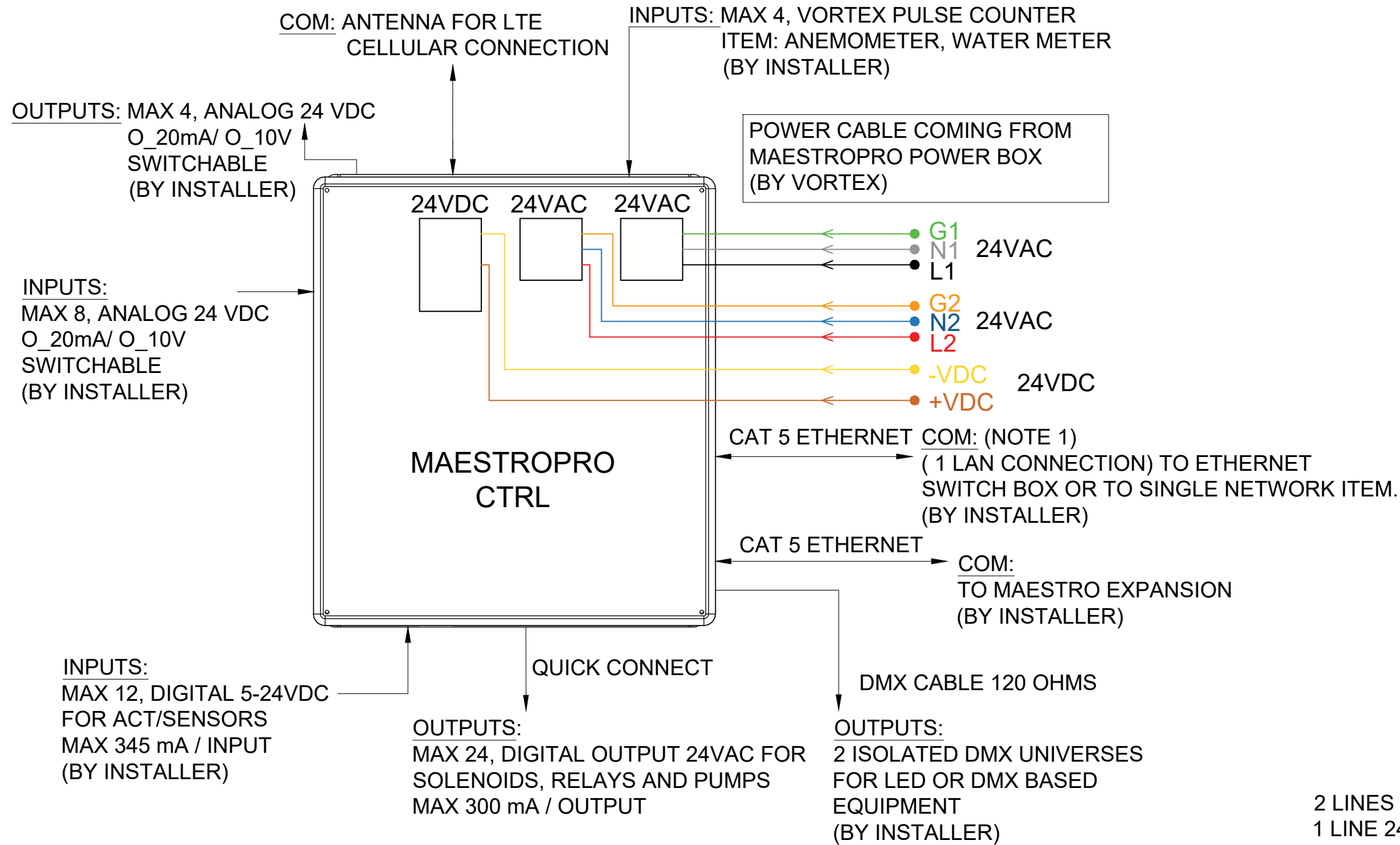


INSTALLATION DRAWING - MAESTROPRO CTRL 33907.12B2 AND MAESTROPRO POWER BOX 33907.13BX CONNECTIONS

NOTE:

- 1 - A MAXIMUM OF 1 ETHERNET CAT 5 CONNECTIONS IS AVAILABLE PER MAESTROPRO.
IF MORE ETHERNET LAN CONNECTIONS ARE NEEDED, THEN IT REQUIRES AN ETHERNET SWITCH BOX (SOLD SEPARATELY).
- 2 - FOR DIGITAL INPUT, 5-24 VDC SUPPLIED BY MAESTROPRO. REFER TO THE CORRESPONDING SCHEMATIC DRAWING MANUAL FOR WIRING DETAILS.
- 3 - MAESTROPRO IS DHCP ADDRESSED BY CONNECTED LAN DEVICE.
- 4- WHEN USED WITH EXPANSION UNITS, AN ETHERNET CAT 5 CABLE IS REQUIRED BETWEEN EACH UNIT.
- 5- WATER TIGHT CONNECTIONS WITH MAESTROPRO DONE BY INSTALLER.
- 6- ALL WIRES AND CABLES ELECTRICAL CALCULATION ARE BY INSTALLER AND SHALL BE APPROVED ACCORDING TO LOCAL CODE AND BRAND NEW.

CIRCUIT BREAKER & FUSE	AMPS MAX	CIRCUIT
MAIN BREAKER; 3 AMPS	4 MAX	PRIMARY 120/240 VAC
FUSE 1; 5 AMPS	5 MAX	SECONDARY 24 VAC
FUSE 2; 5 AMPS	5 MAX	SECONDARY 24 VAC
FUSE 3; 5 AMPS	5 MAX	POWER SUPPLY 24 VDC



PRODUCT NAME:	INSTALLATION DRAWING - MAESTROPRO CTRL 33907.X2BX AND MAESTROPRO POWER BOX 33907.13BX CONNECTIONS				
PRODUCT NUMBER:	33907.XXBX	DATE:	05/04/20	SHEET NO:	2/3
					11"x17" SHEET SIZE

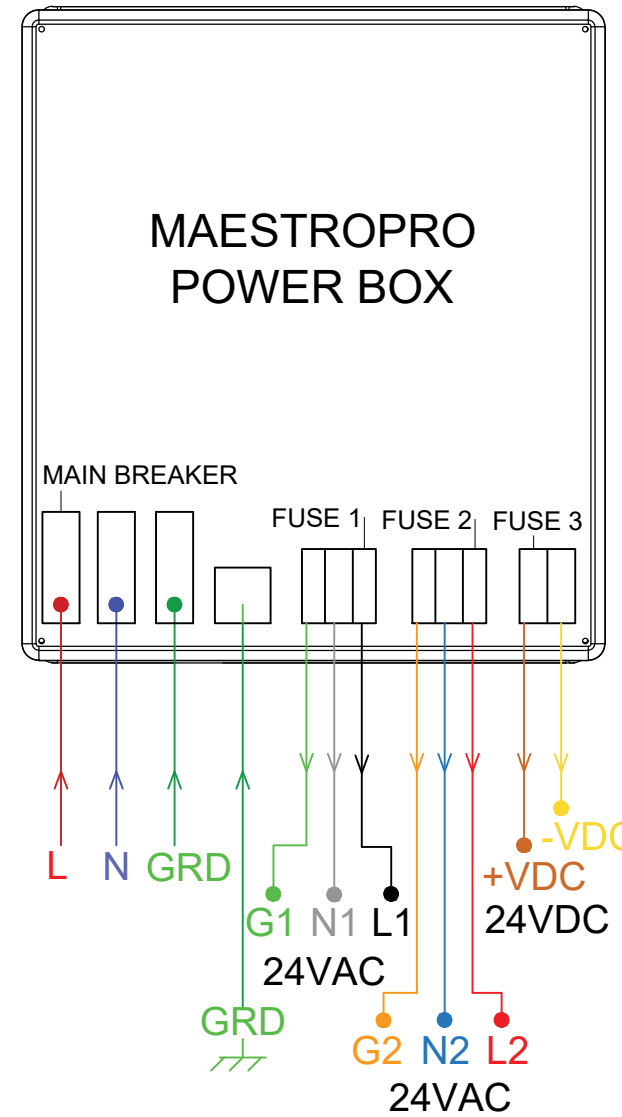
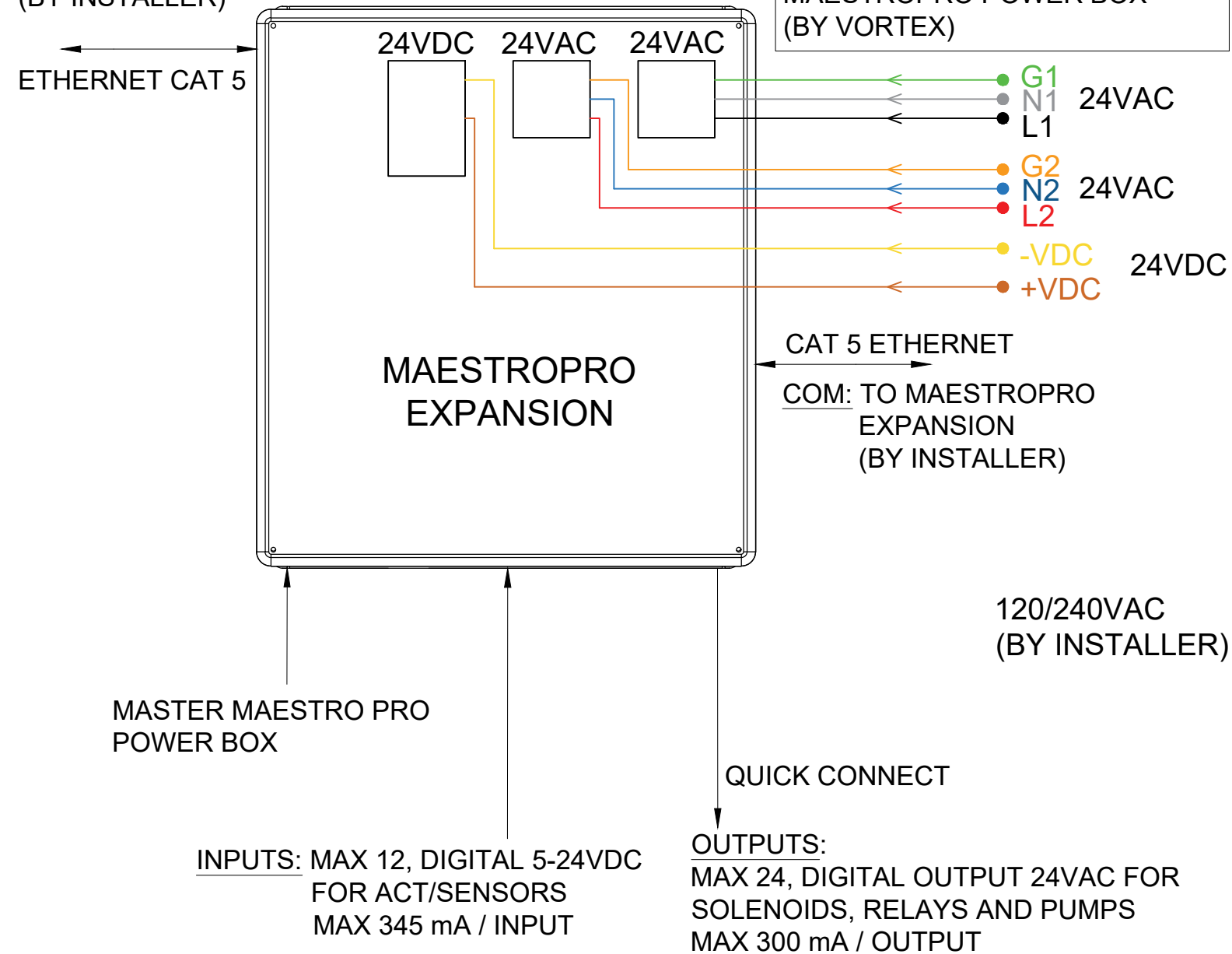


INSTALLATION DRAWING - MAESTROPRO EXPANSION UNIT 33907.22B2 AND MAESTROPRO POWER BOX 33907.13BX CONNECTIONS

NOTE:

1 - ALL COMMENTS ARE THE SAME AS PAGE 2

FROM MAESTRO PRO MASTER
OR PREVIOUS EXPANSION UNIT
(BY INSTALLER)



2 LINES OF 24 VAC, EACH 4 AMPS
1 LINE 24 VDC (V+, V-)

DIP SWITCH OPTIONS:

BIT 3	0	<input type="checkbox"/>	1
BIT 2	0	<input type="checkbox"/>	1
BIT 1	0	<input type="checkbox"/>	1
EXPANSION 1:	BIT 1_0	BIT 2_0	BIT 3_1
EXPANSION 2:	BIT 1_0	BIT 2_1	BIT 3_0
EXPANSION 3:	BIT 1_0	BIT 2_1	BIT 3_1
EXPANSION 4:	BIT 1_1	BIT 2_0	BIT 3_0

CIRCUIT BREAKER & FUSE	AMPS MAX	CIRCUIT
MAIN BREAKER; 3 AMPS	4 MAX	PRIMARY 120/240 VAC
FUSE 1; 5 AMPS	5 MAX	SECONDARY 24 VAC
FUSE 2; 5 AMPS	5 MAX	SECONDARY 24 VAC
FUSE 3; 5 AMPS	5 MAX	POWER SUPPLY 24 VDC



PRODUCT NAME: INSTALLATION DRAWING - MAESTROPRO EXPANSION UNIT 33907.X2BX AND MAESTROPRO POWER BOX 33907.13BX CONNECTIONS

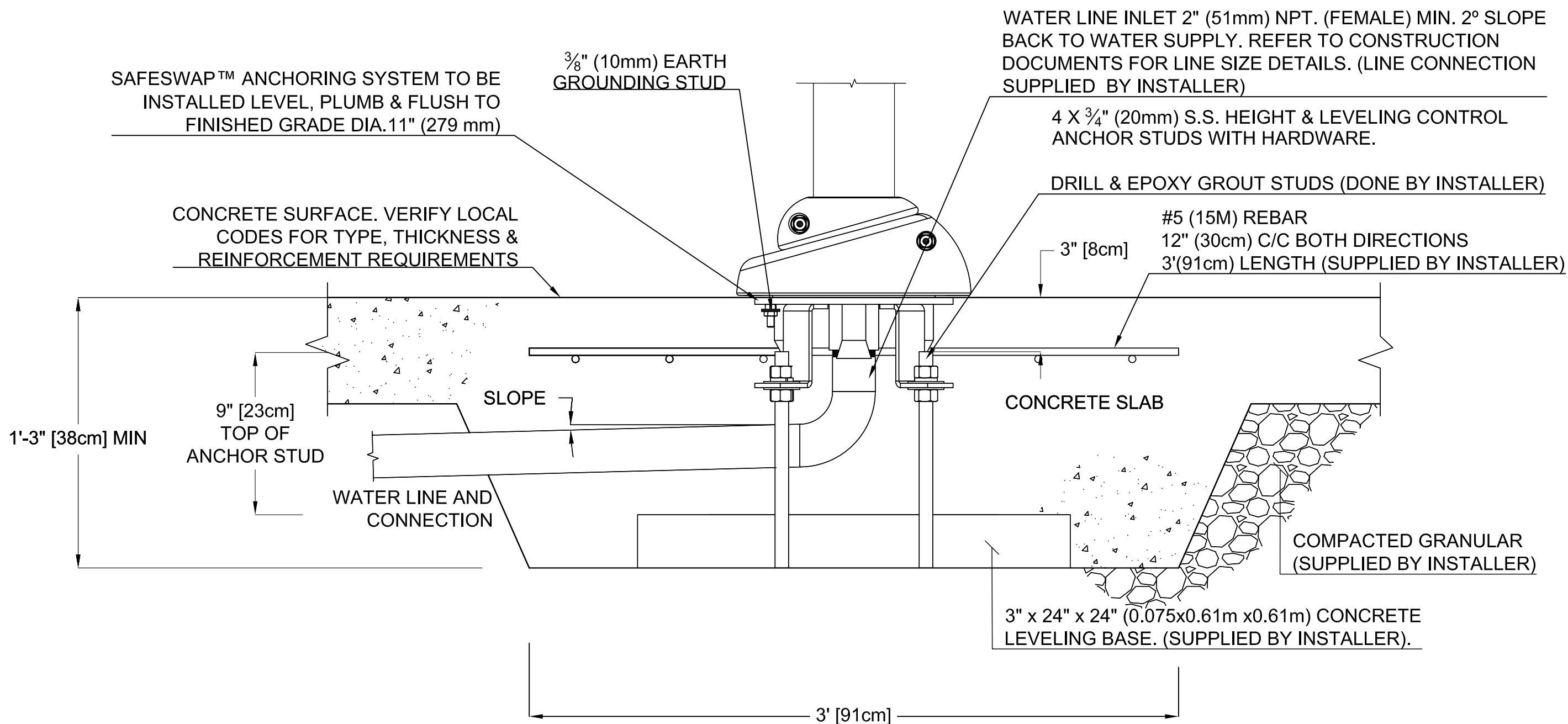
PRODUCT NUMBER: 33907.XXBX

DATE: 05/04/20

SHEET NO: 3/3

11"x17" SHEET SIZE





SAFESWAP N° 1 (Construction Detail) LARGE

PRODUCT NAME: SAFESWAP N°1

PRODUCT INFORMATION

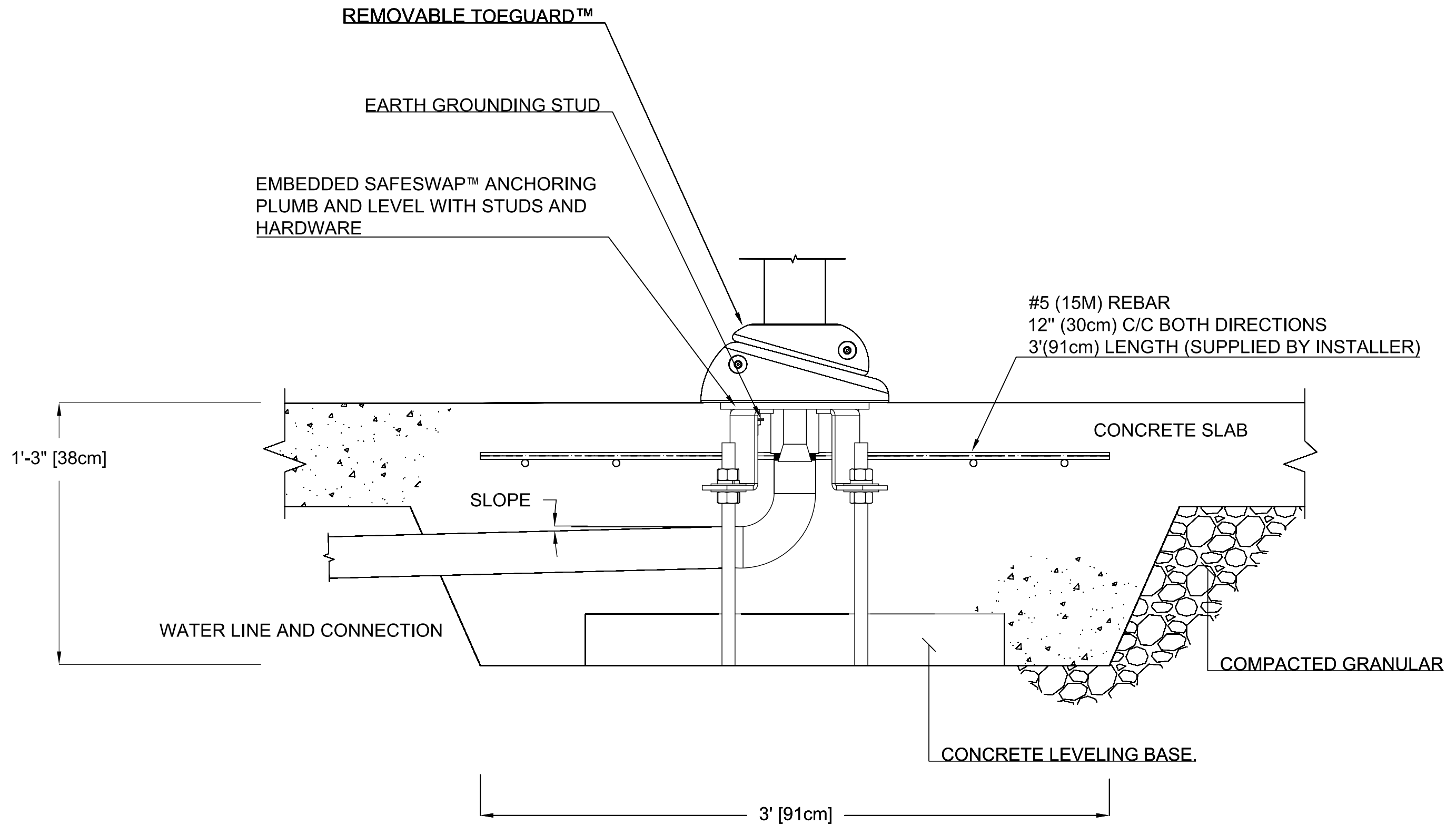
PRODUCT NUMBER: 55000.0430

DATE: 04/06/12

SHEET NO: 1/1

11"x17" SHEET SIZE





VOR-55000-0570 SAFESWAP N°2 MEDIUM (Typical Detail)

PRODUCT NAME:	SAFESWAP N°2 MEDIUM
PRODUCT NUMBER:	VOR-55000-0570

PRODUCT INFORMATION		
DATE: 05/30/23	SHEET NO: 1/1	11"x17" SHEET SIZE

